

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084558.D
 Acq On : 19 Jan 2016 18:01
 Operator : SJ/UM
 Sample : H1169-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:22:47 PM

Quant Time: Jan 20 03:37:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209416	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	818699	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	374079	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	661257	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	386063	20.00	ng	-0.05
86) Perylene-d12	15.36	264	349076	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1378631	106.48	ng	-0.03
7) Phenol-d6	6.44	99	1793181	110.28	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1232819	83.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	394715	104.51	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1582408	73.56	ng	-0.03
78) Terphenyl-d14	12.90	244	1242173	71.82	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	204137	33.28	ng	# 76
3) Pyridine	3.12	79	377137	22.05	ng	# 68
4) n-Nitrosodimethylamine	3.06	42	268067	30.54	ng	# 70
6) Aniline	6.45	93	478697	20.12	ng	# 16
8) 2-Chlorophenol	6.58	128	574857	39.13	ng	# 86
9) Benzaldehyde	6.34	77	30370	2.87	ng	# 75
10) Phenol	6.45	94	645679	34.92	ng	# 74
11) bis(2-Chloroethyl)ether	6.53	93	570530	39.84	ng	# 84
12) 1,3-Dichlorobenzene	6.74	146	616740	40.70	ng	# 98
13) 1,4-Dichlorobenzene	6.81	146	579802	38.16	ng	# 97
14) 1,2-Dichlorobenzene	6.97	146	598047	41.10	ng	# 99
15) Benzyl Alcohol	6.94	79	491319	35.92	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	930358	35.67	ng	# 87
17) 2-Methylphenol	7.07	107	484278	39.34	ng	# 93
18) Hexachloroethane	7.31	117	256772m	42.26	ng	# 76
19) n-Nitroso-di-n-propylamine	7.22	70	427503	38.84	ng	# 77
20) 3+4-Methylphenols	7.22	107	572134	39.54	ng	# 97
22) Acetophenone	7.21	105	846821	43.02	ng	# 94
24) Nitrobenzene	7.38	77	588533	39.45	ng	# 94
25) Isophorone	7.63	82	1168502	41.53	ng	# 85
26) 2-Nitrophenol	7.70	139	315778	46.50	ng	# 96
27) 2,4-Dimethylphenol	7.74	122	525032	38.20	ng	# 98
28) bis(2-Chloroethoxy)methane	7.84	93	677640	39.43	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	503702	44.00	ng	# 94
30) 1,2,4-Trichlorobenzene	8.03	180	514556	43.53	ng	# 100
31) Naphthalene	8.11	128	1815227	48.87	ng	# 50
32) Benzoic acid	7.82	122	52308	11.39	ng	# 99
33) 4-Chloroaniline	8.16	127	384460	22.58	ng	# 99
34) Hexachlorobutadiene	8.22	225	283786	41.77	ng	# 93
35) Caprolactam	8.53	113	187483m	48.58	ng	# 96
36) 4-Chloro-3-methylphenol	8.65	107	503421	39.25	ng	# 99
37) 2-Methylnaphthalene	8.80	142	1117739	41.92	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	469497	43.66	ng	# 99
40) Hexachlorocyclopentadiene	8.96	237	352168	54.25	ng	# 99

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Quant Time: Jan 20 03:37:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	331259	41.17	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	333557	43.25	nq	# 90
45) 1,1'-Biphenyl	9.26	154	1338168	45.01	nq	98
46) 2-Chloronaphthalene	9.29	162	997480	42.71	nq	92
47) 2-Nitroaniline	9.38	65	332534	43.14	nq	94
48) Acenaphthylene	9.70	152	1412201	40.93	nq	97
49) Dimethylphthalate	9.57	163	1566225	58.57	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	283564	48.35	nq	# 79
51) Acenaphthene	9.87	154	965740	41.73	nq	97
52) 3-Nitroaniline	9.79	138	216130	29.74	nq	98
53) 2,4-Dinitrophenol	9.90	184	134576	55.02	nq	92
54) Dibenzofuran	10.04	168	1203274	39.80	nq	90
55) 4-Nitrophenol	9.97	139	405041	76.78	nq	# 85
56) 2,4-Dinitrotoluene	10.03	165	334900	45.11	nq	94
57) Fluorene	10.38	166	951467	40.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	271907	41.29	nq	89
59) Diethylphthalate	10.27	149	1152268	43.70	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	441595	45.19	nq	# 83
61) 4-Nitroaniline	10.41	138	235757	36.39	nq	94
62) Azobenzene	10.53	77	1125671	38.92	nq	86
64) 4,6-Dinitro-2-methylphenol	10.44	198	148584	36.82	nq	76
65) n-Nitrosodiphenylamine	10.50	169	904004	42.76	nq	97
66) 4-Bromophenyl-phenylether	10.86	248	281156	39.50	nq	# 76
67) Hexachlorobenzene	10.93	284	321812	40.17	nq	100
68) Atrazine	11.02	200	250270	36.17	nq	98
69) Pentachlorophenol	11.13	266	285008	68.62	nq	97
70) Phenanthrene	11.34	178	1476616	42.69	nq	97
71) Anthracene	11.39	178	1385838	40.87	nq	99
72) Carbazole	11.55	167	1145326	34.55	nq	99
73) Di-n-butylphthalate	11.89	149	1637411	47.00	nq	98
74) Fluoranthene	12.53	202	1436815	39.76	nq	93
76) Benzidine	12.66	184	107784	7.79	nq	99
77) Pyrene	12.76	202	1372953	45.32	nq	99
79) Butylbenzylphthalate	13.38	149	523703	39.95	nq	88
80) Benzo(a)anthracene	13.94	228	994782	43.88	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	268014	33.88	nq	# 92
82) Chrysene	13.99	228	921948	42.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	671498	40.54	nq	99
84) Di-n-octyl phthalate	14.56	149	1192579	42.65	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.73	276	941872	54.55	nq	98
87) Benzo(b)fluoranthene	14.97	252	1192080m	52.21	nq	
88) Benzo(k)fluoranthene	14.99	252	775682m	41.54	nq	
89) Benzo(a)pyrene	15.30	252	962971	49.72	nq	# 95
90) Dibenzo(a,h)anthracene	16.74	278	761933	45.72	nq	96
91) Benzo(g,h,i)perylene	17.14	276	774061	44.85	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

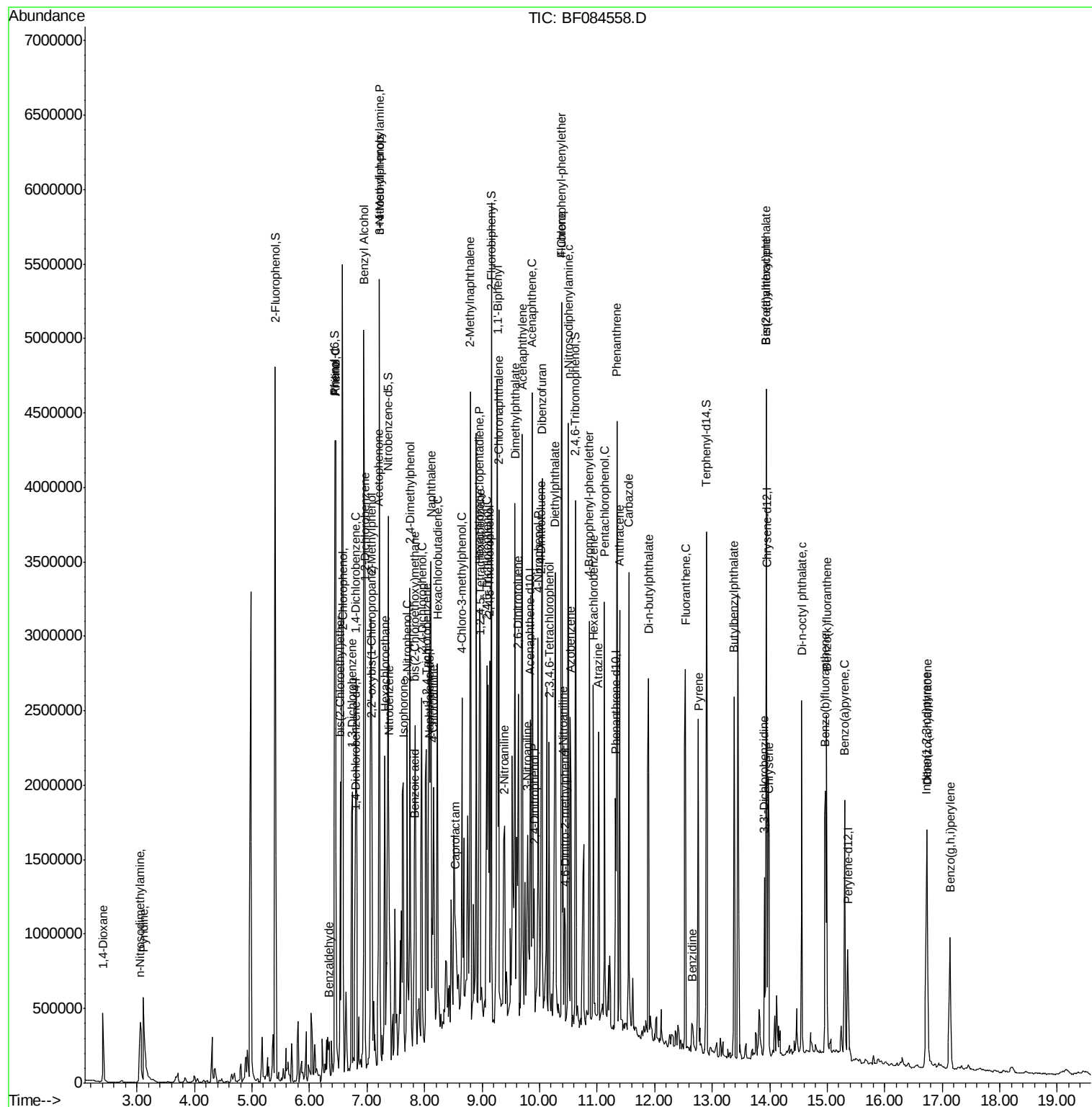
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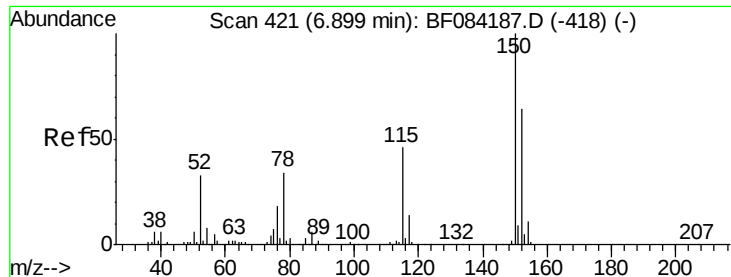
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

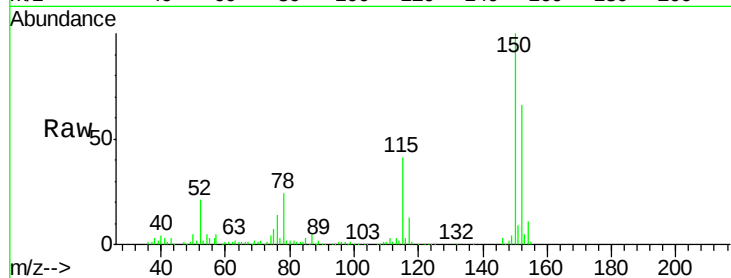
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SP-004(0-2)MS

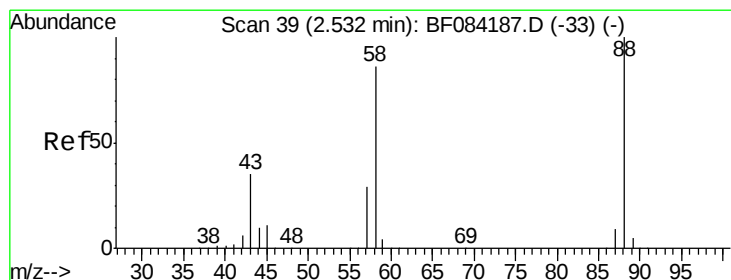
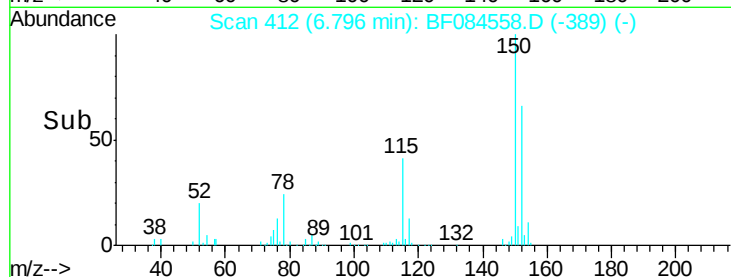
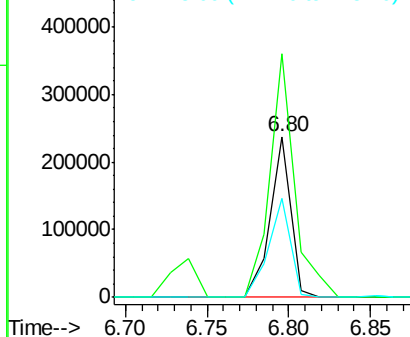
Tot Ion:	152	Resp:	209416
Ion Ratio	Lower	Upper	
152	100		
150	151.3	123.0	184.4
115	61.9	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.28 ng

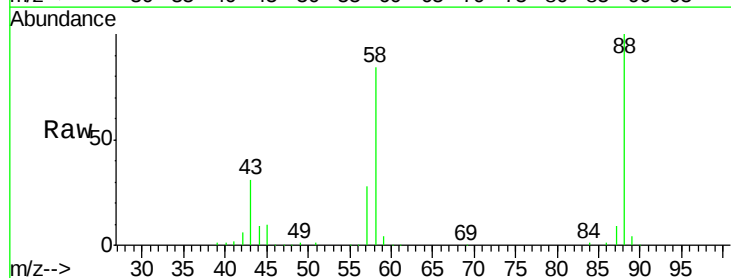
RT: 2.41 min Scan# 28

Delta R.T. 0.01 min

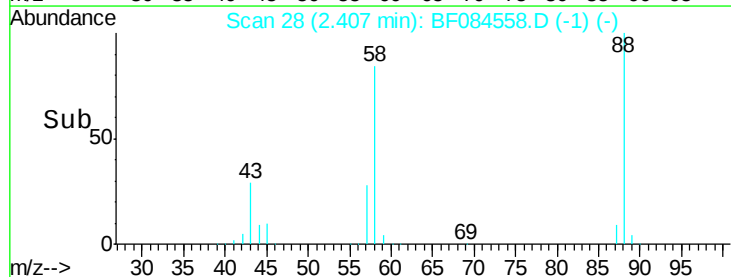
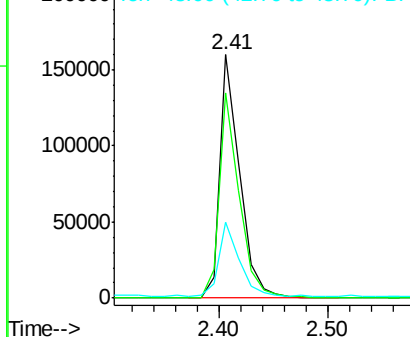
Lab File: BF084558.D

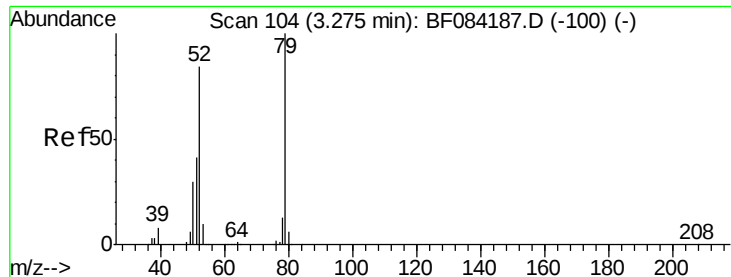
Acq: 19 Jan 2016 18:01

Tgt Ion:	88	Resp:	204137
Ion Ratio	Lower	Upper	
88	100		
58	86.2	51.2	76.8#
43	31.4	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.05 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.01 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

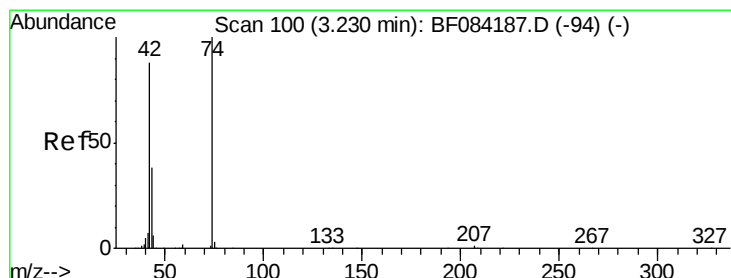
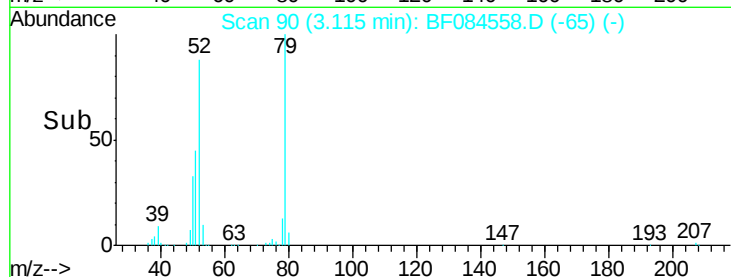
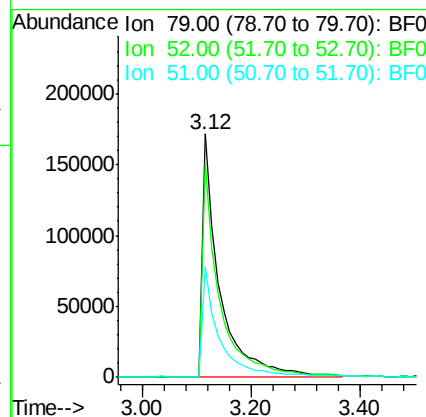
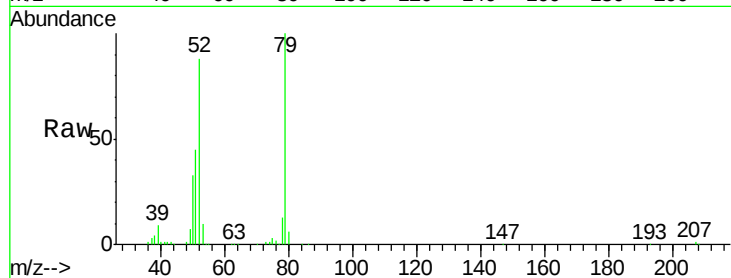
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	79	Resp:	377137
Ion Ratio	Lower	Upper	
79	100		
52	88.1	49.0	73.4#
51	45.2	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 30.54 ng

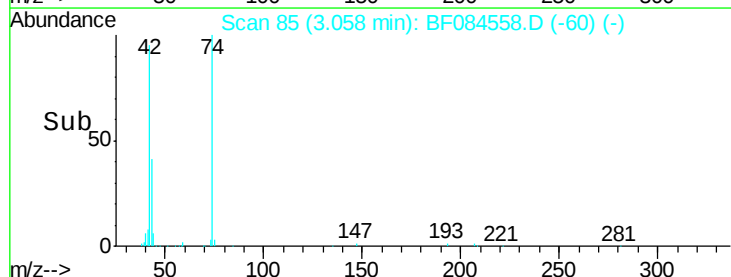
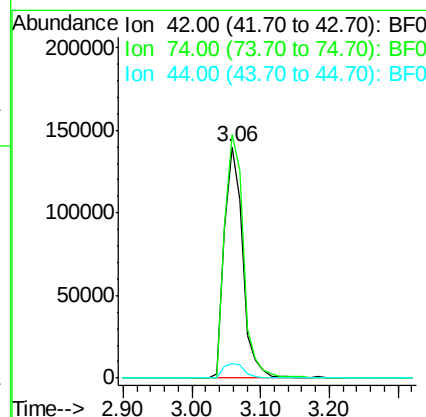
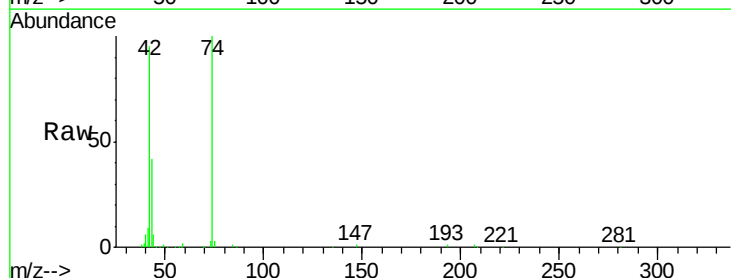
RT: 3.06 min Scan# 85

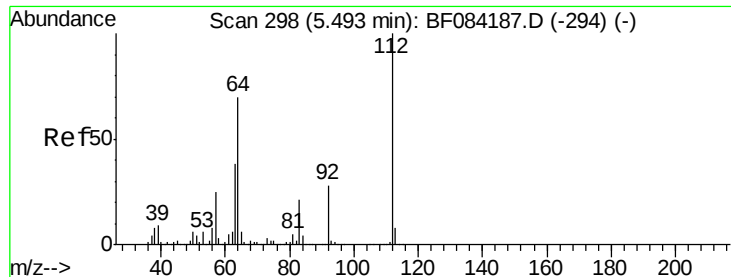
Delta R.T. -0.01 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	42	Resp:	268067
Ion Ratio	Lower	Upper	
42	100		
74	105.2	115.7	173.5#
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 106.48 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

ClientSampleId :

SP-004(0-2)MS

Tot Ion:112 Resp: 1378631

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

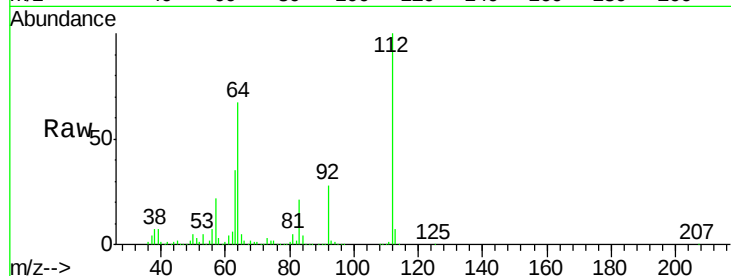
63 35.3 19.4 29.0#

Manual Integrations

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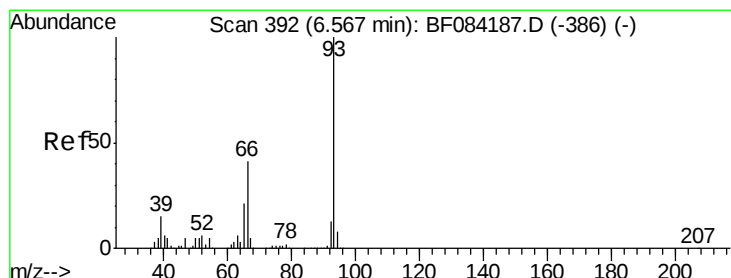
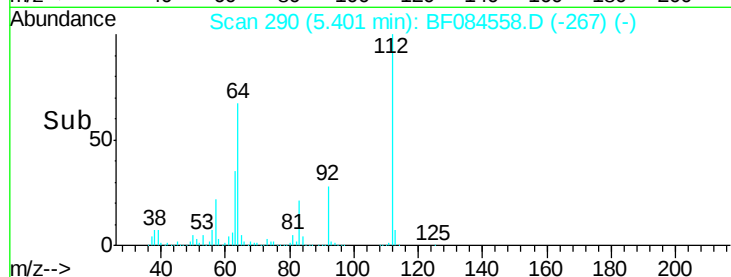
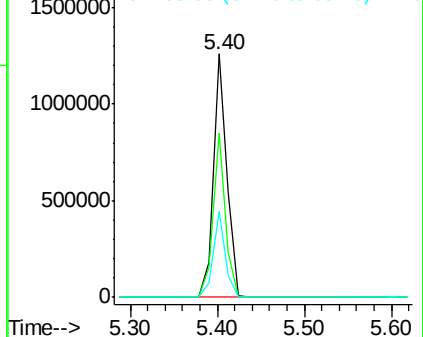
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.12 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

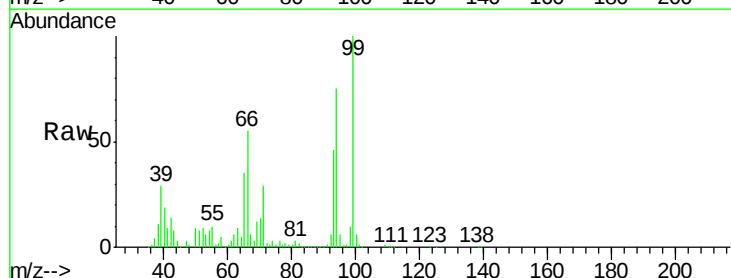
Tgt Ion: 93 Resp: 478697

Ion Ratio Lower Upper

93 100

66 117.6 44.9 67.3#

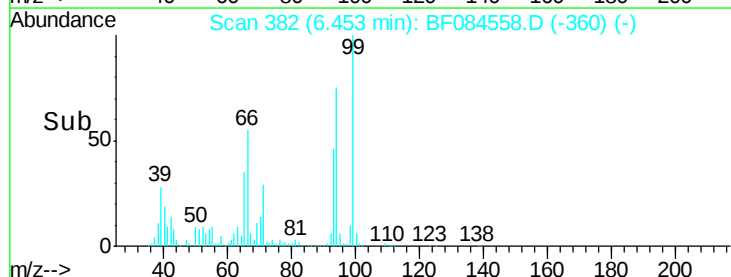
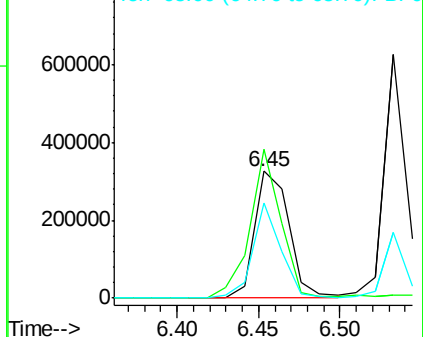
65 74.6 23.7 35.5#

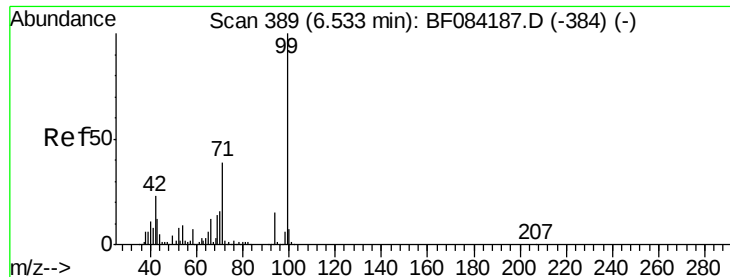


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.28 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

ClientSampleId :

SP-004(0-2)MS

Tot Ion: 99 Resp: 1793181

Ion Ratio Lower Upper

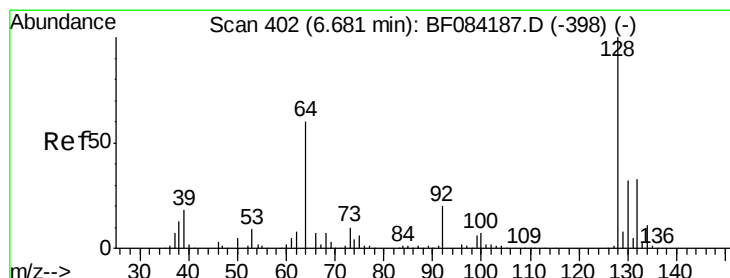
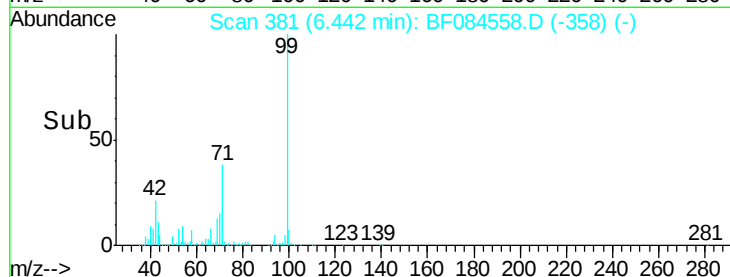
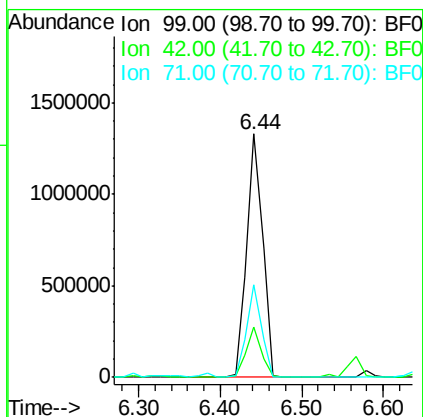
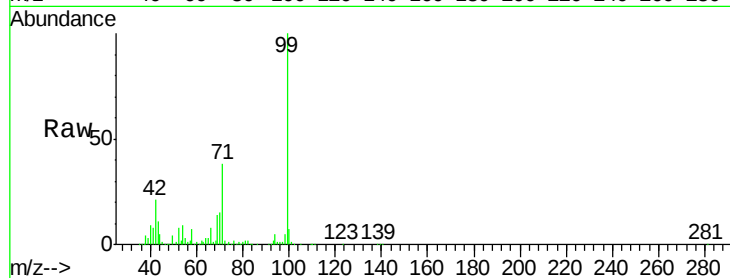
99 100

42 20.9 12.8 19.2#

71 38.0 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.13 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

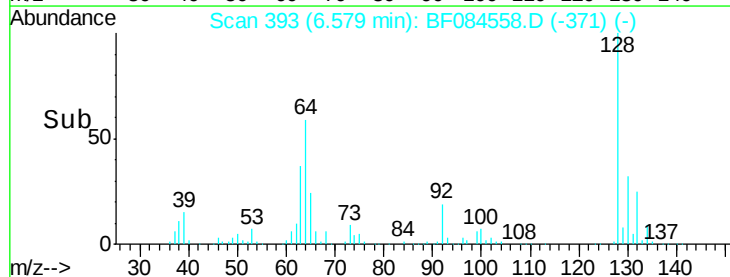
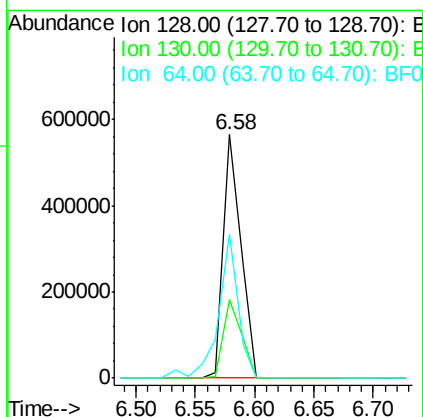
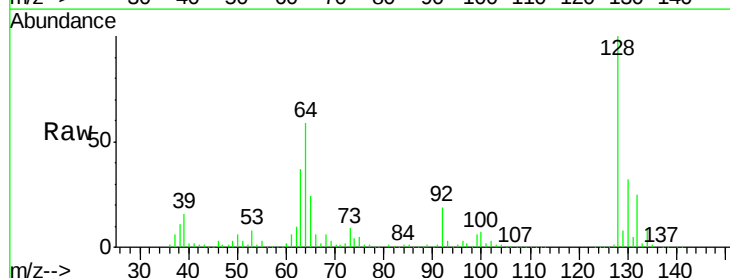
Tgt Ion: 128 Resp: 574857

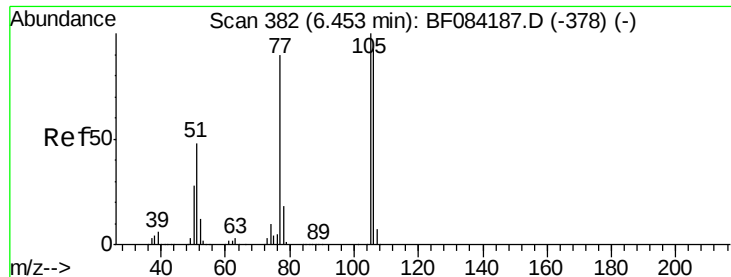
Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

64 59.0 23.8 63.8





#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

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Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

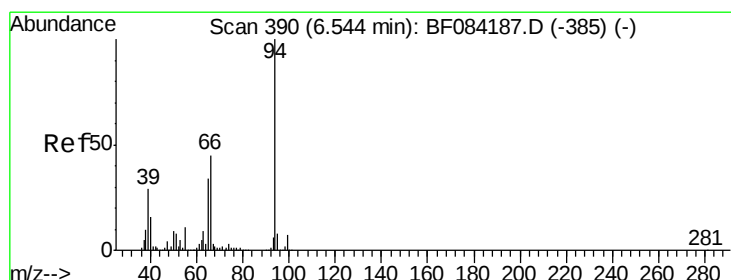
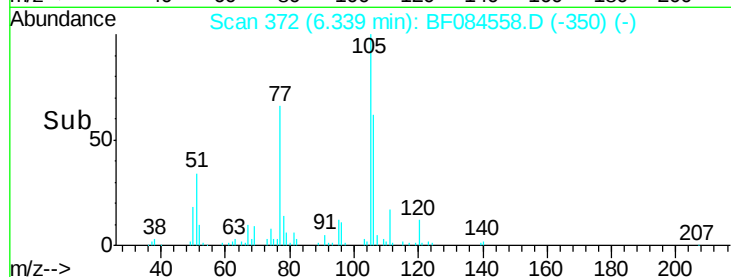
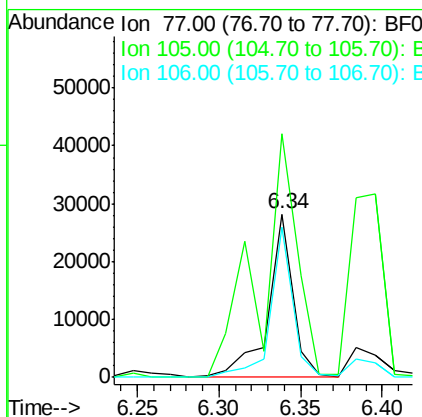
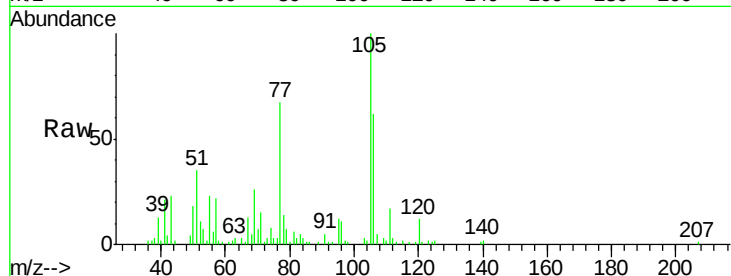
ClientSampleId :

SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	149.0	83.0	123.0#
106	91.9	74.6	114.6

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#10

Phenol

Concen: 34.92 ng

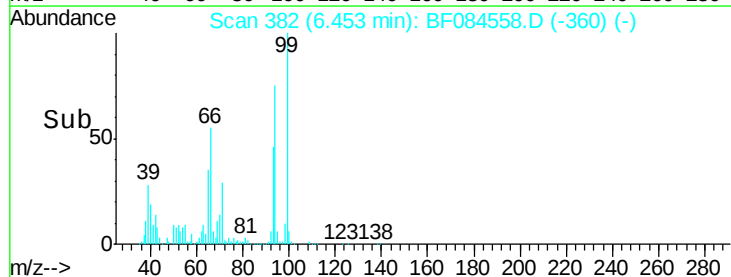
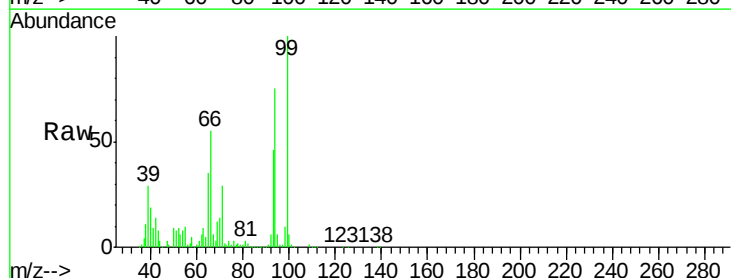
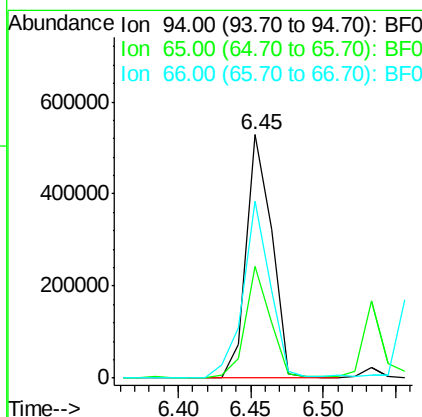
RT: 6.45 min Scan# 382

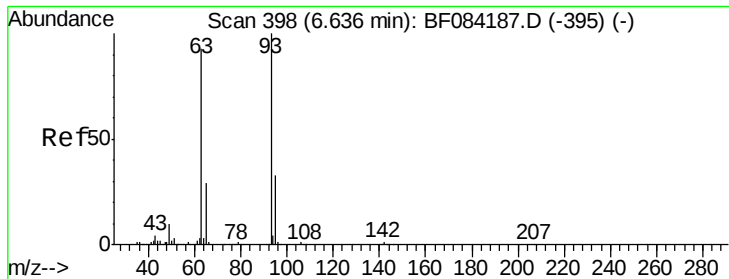
Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.0	12.9	52.9
66	72.5	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.84 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

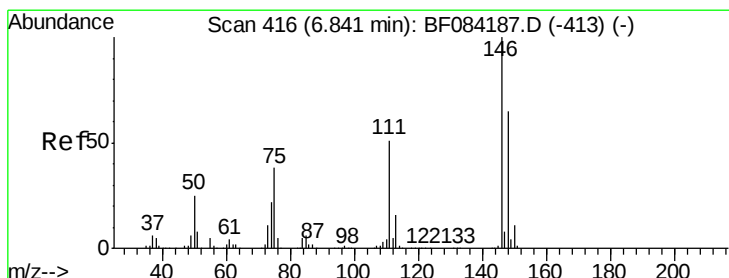
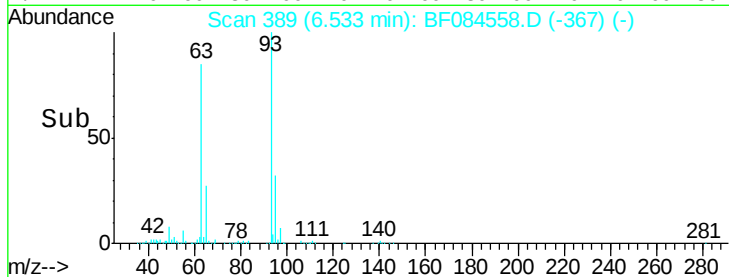
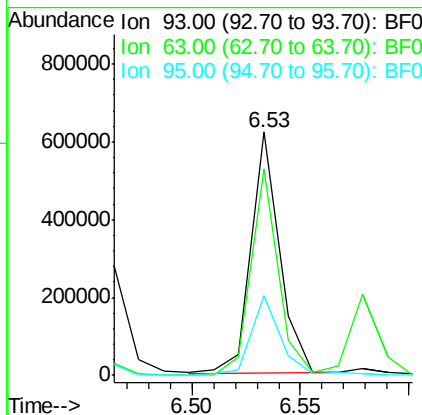
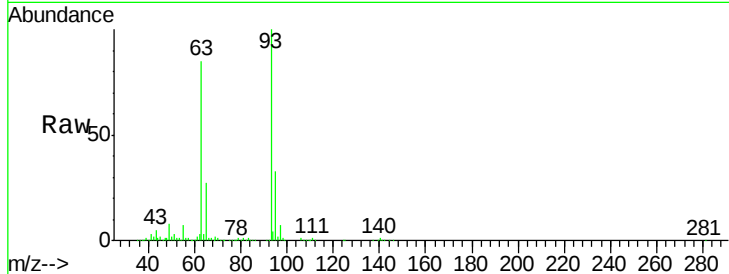
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	93	Resp:	570530
Ion Ratio	Lower	Upper	
93	100		
63	84.9	45.9	85.9
95	32.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 40.70 ng

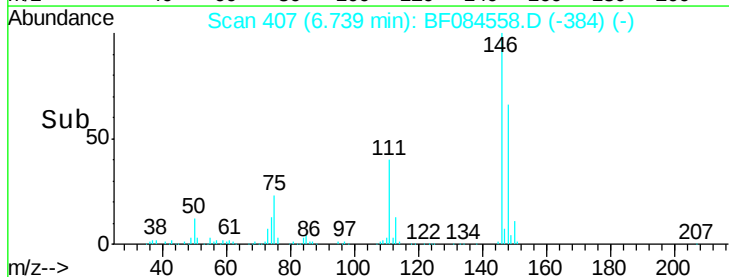
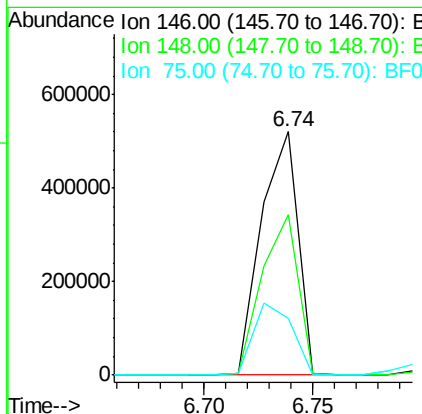
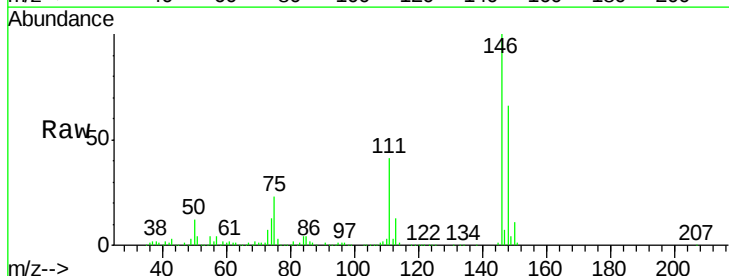
RT: 6.74 min Scan# 407

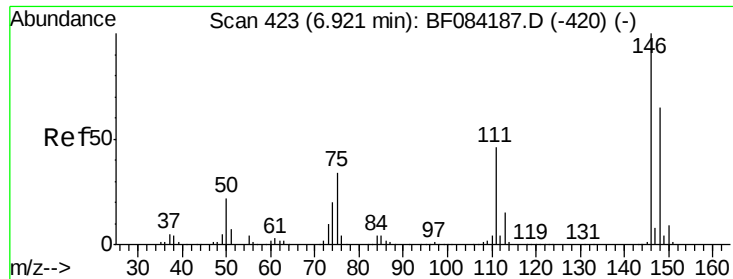
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	146	Resp:	616740
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.9	77.9
75	23.4	20.5	30.7





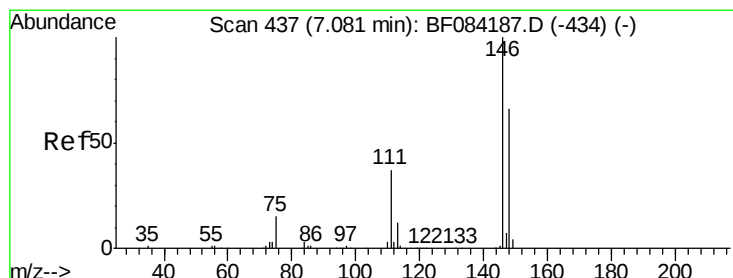
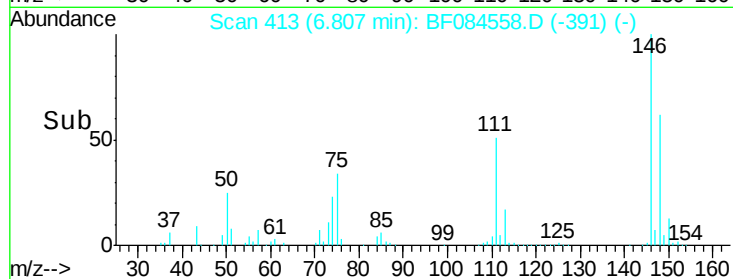
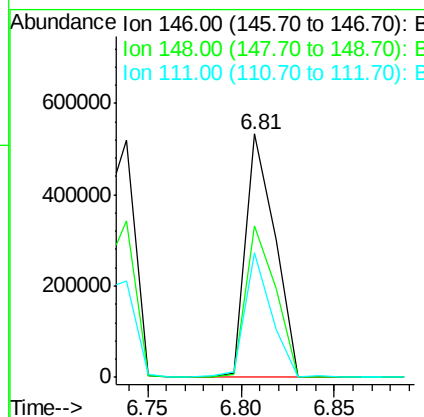
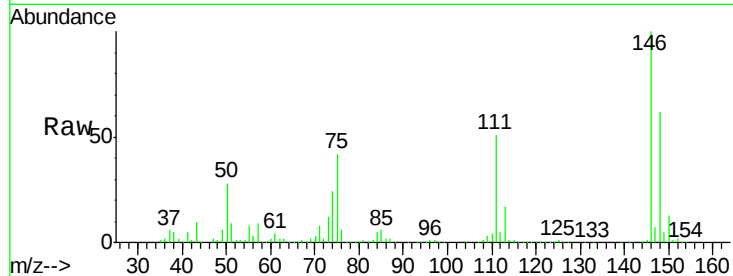
#13
1,4-Dichlorobenzene
Concen: 38.16 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.9	77.9
111	50.9	41.6	62.4

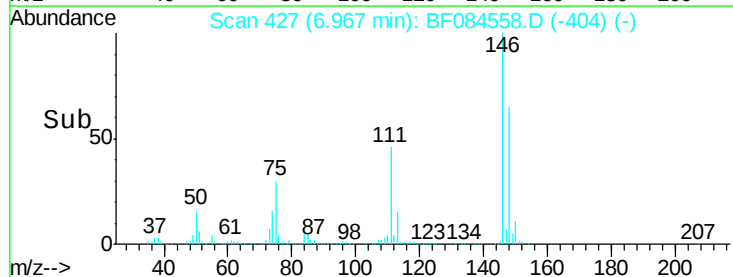
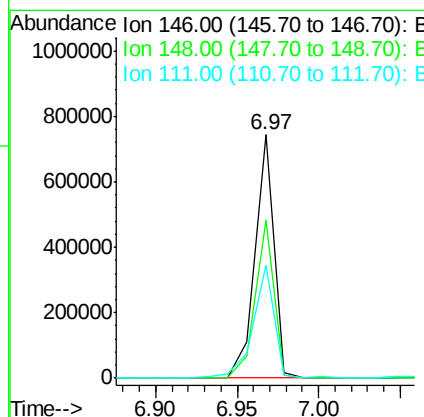
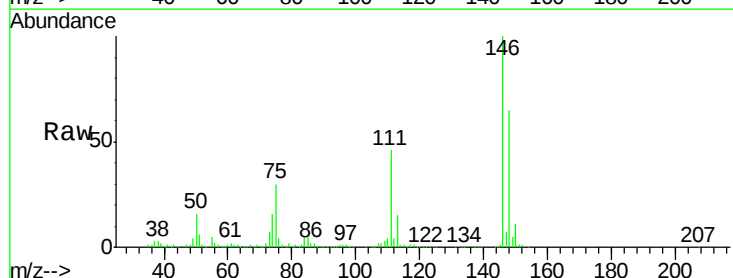
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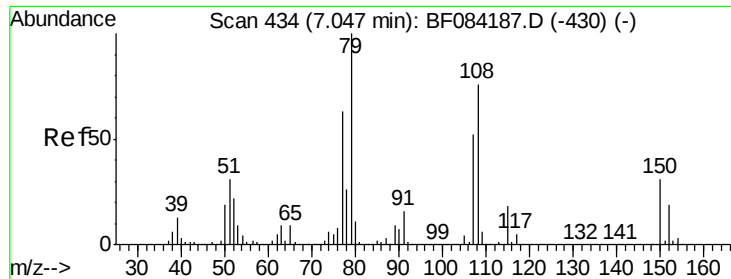
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#14
1,2-Dichlorobenzene
Concen: 41.10 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	46.3	38.0	57.0





#15

Benzyl Alcohol

Concen: 35.92 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

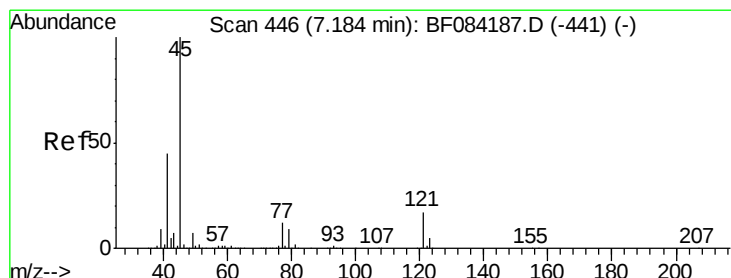
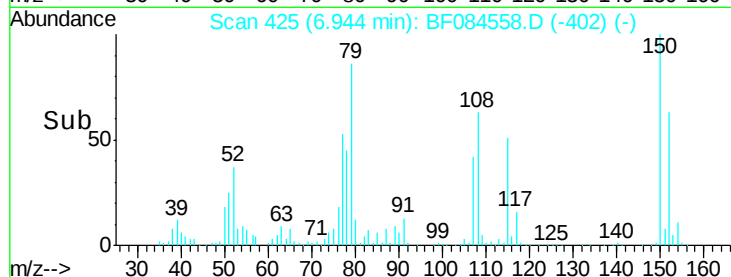
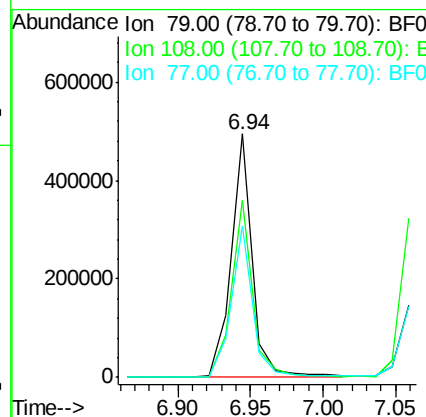
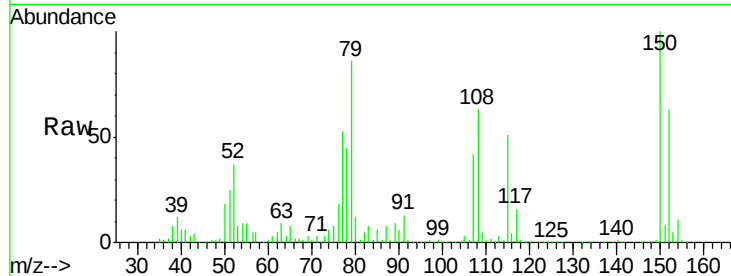
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	79	Resp:	491319
Ion Ratio	Lower	Upper	
79	100		
108	72.6	69.0	103.4
77	62.0	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.67 ng

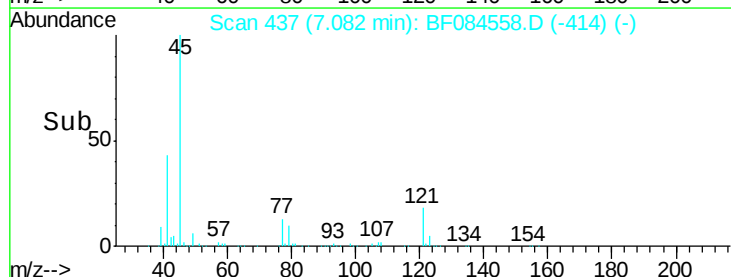
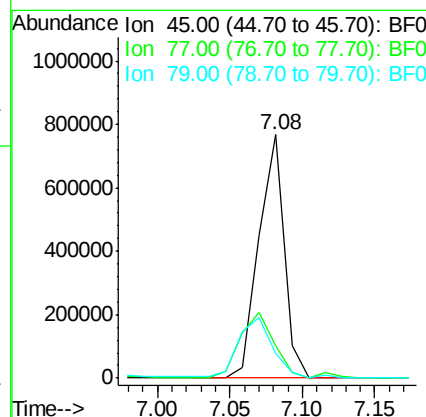
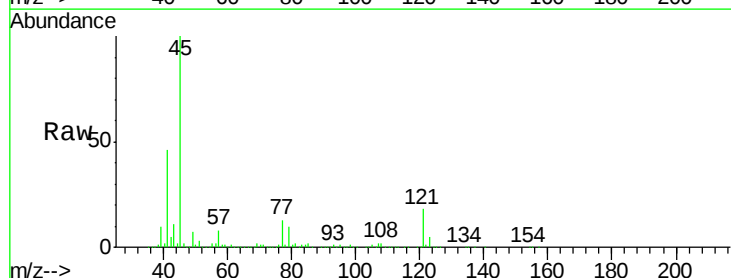
RT: 7.08 min Scan# 437

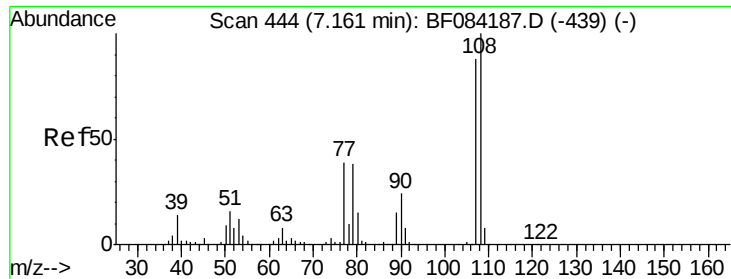
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	45	Resp:	930358
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	39.6
79	10.1	0.0	35.0





#17

2-Methylphenol

Concen: 39.34 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

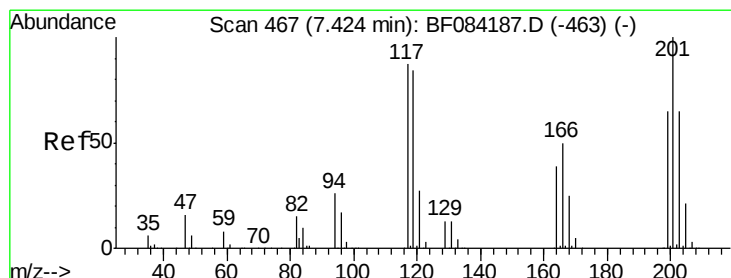
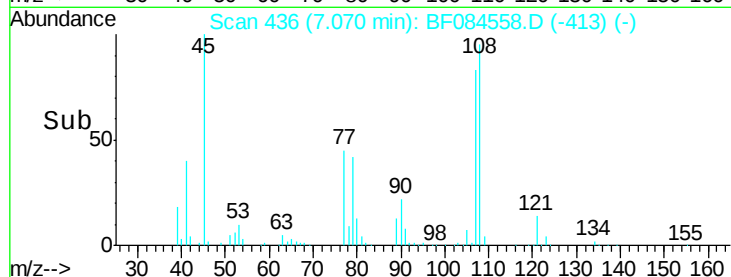
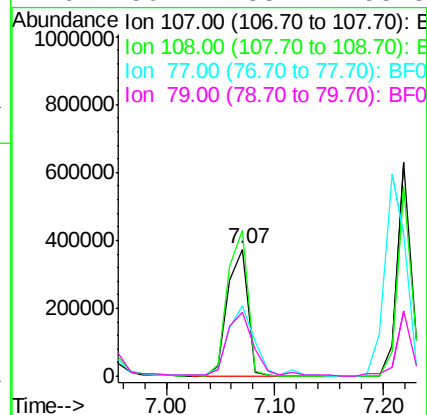
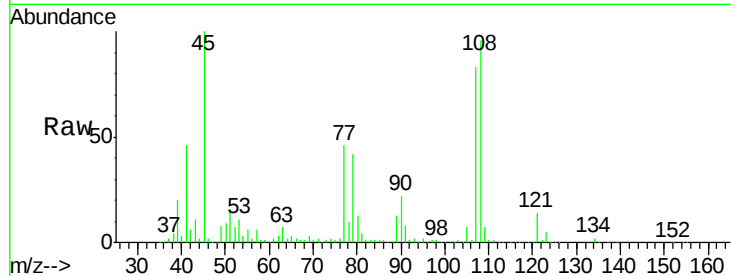
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	107	Resp:	484278
Ion Ratio	Lower	Upper	
107	100		
108	114.8	89.8	134.6
77	55.1	35.7	53.5#
79	50.7	35.7	53.5

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#18

Hexachloroethane

Concen: 42.26 ng m

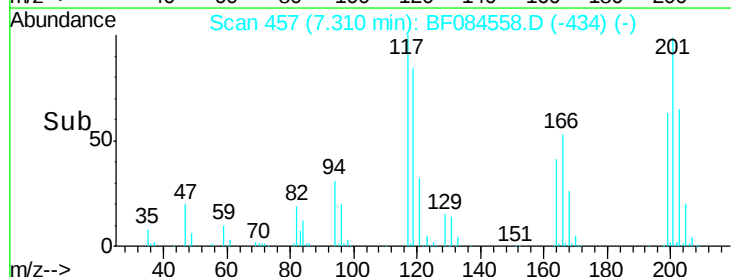
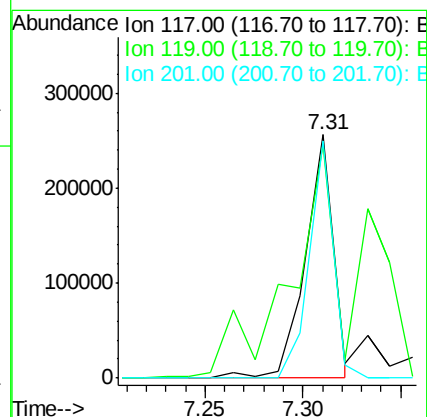
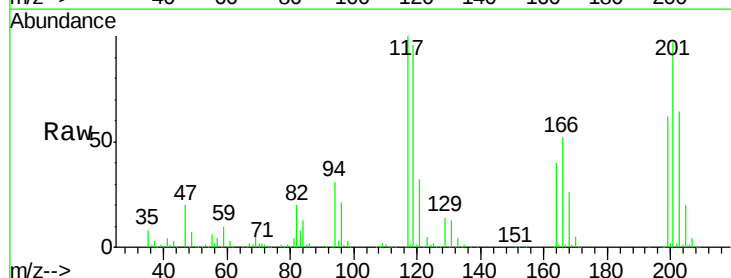
RT: 7.31 min Scan# 457

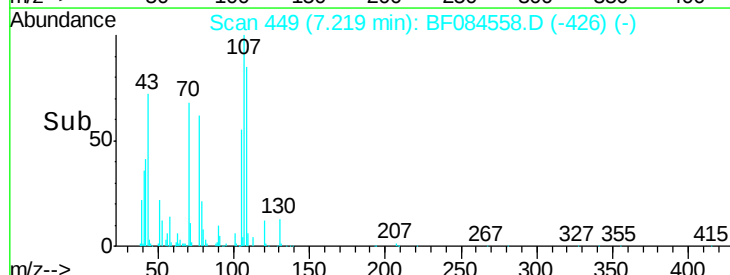
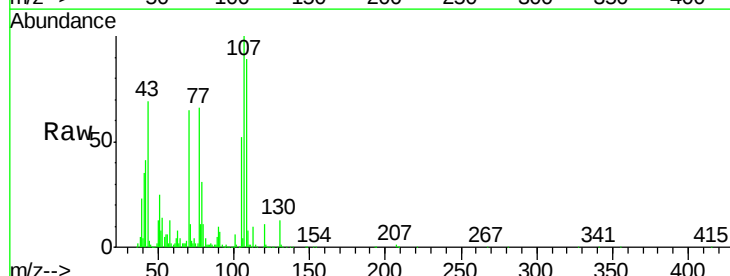
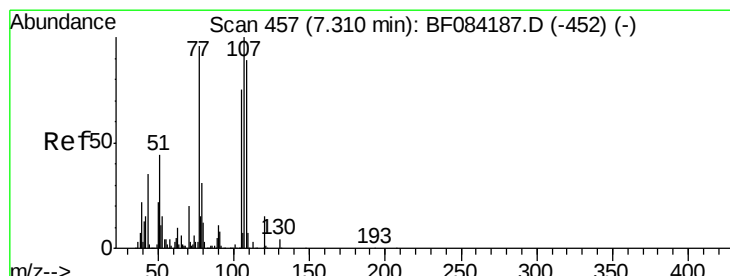
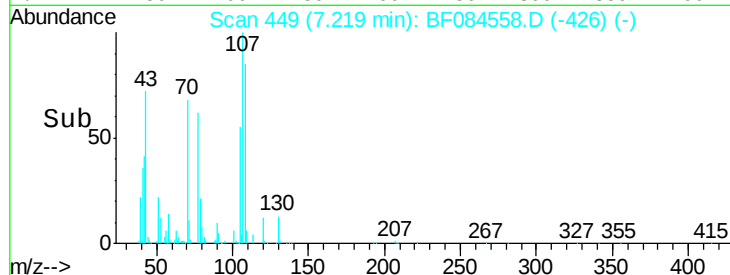
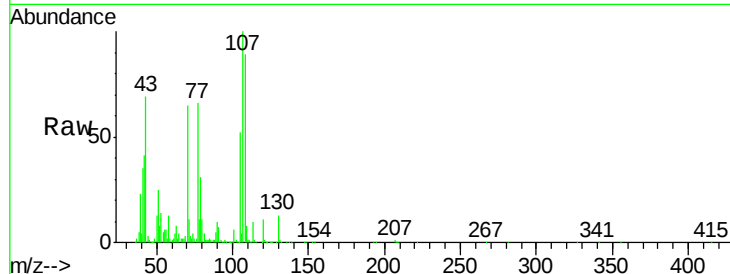
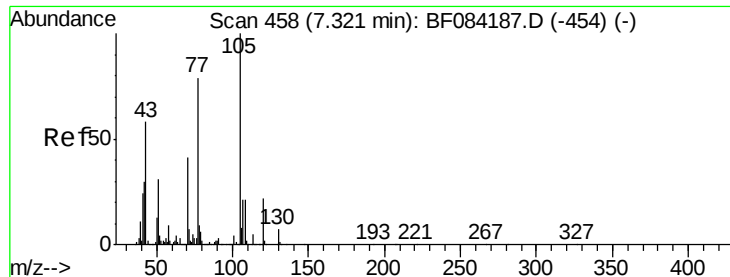
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	117	Resp:	256772
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.4	116.0
201	97.4	68.6	103.0





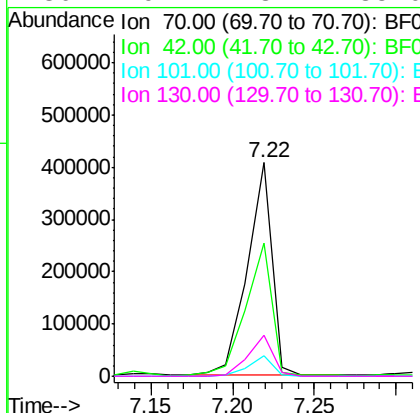
#19
n-Nitroso-di-n-propylamine
Concen: 38.84 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	33.3	49.9#
101	9.6	9.3	13.9
130	19.4	23.4	35.0#

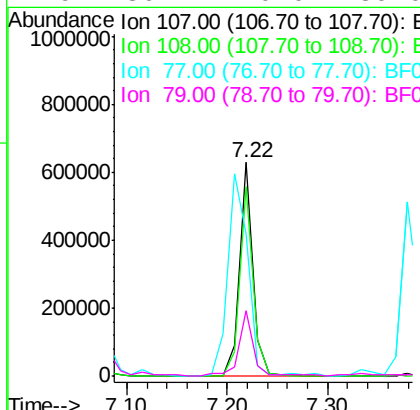
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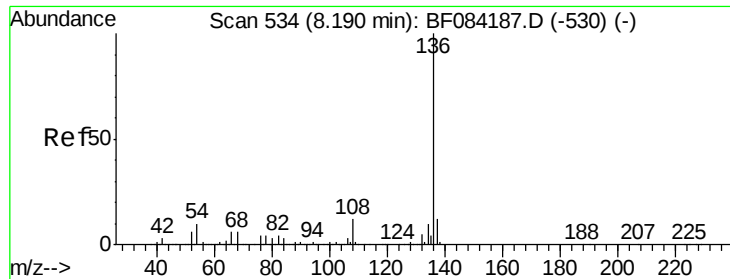
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#20
3+4-Methylphenols
Concen: 39.54 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	74.6	114.6
77	66.4	0.7	40.7#
79	30.7	0.0	39.0





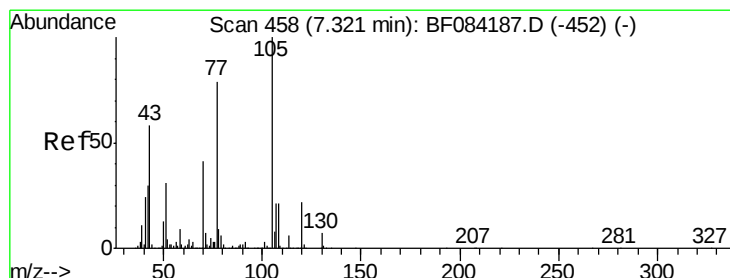
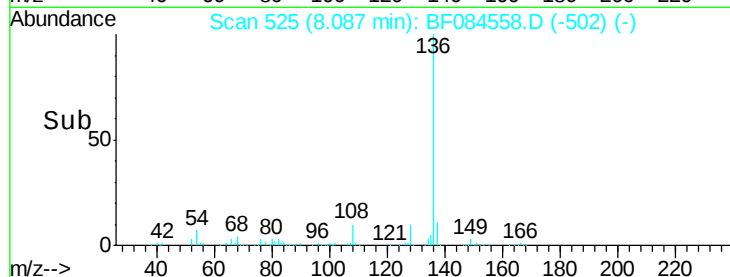
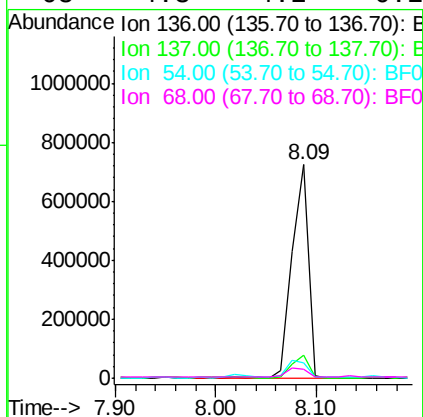
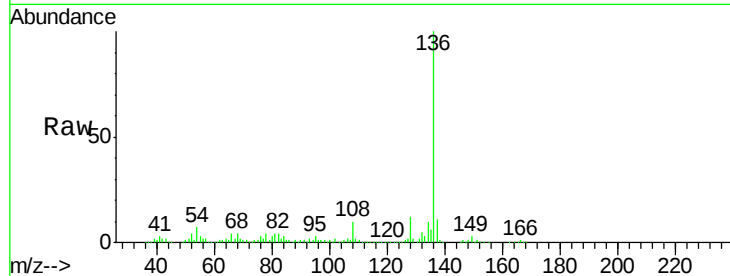
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	818699		
137	10.8		8.7	13.1
54	7.1		5.8	8.8
68	4.3		4.2	6.2

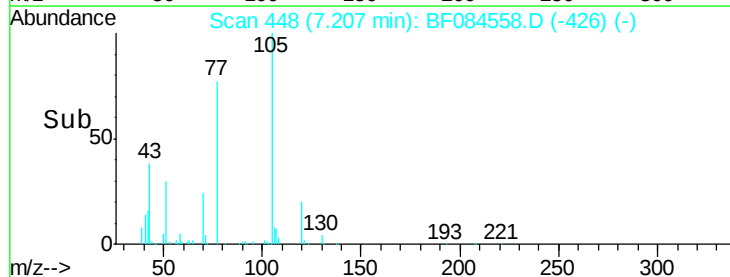
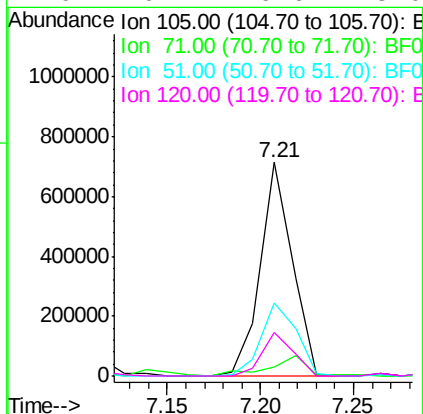
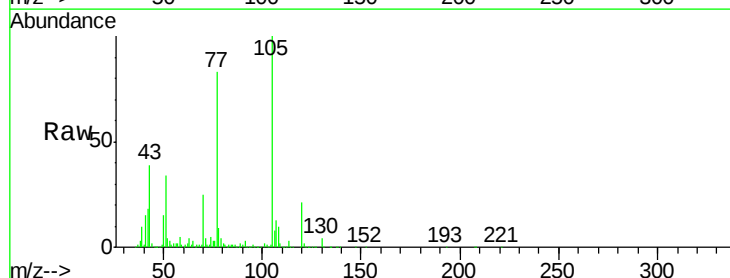
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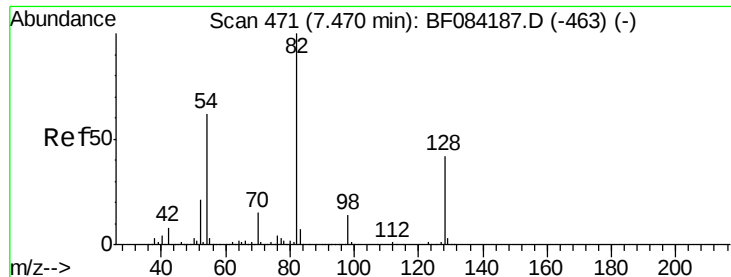
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#22
Acetophenone
Concen: 43.02 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	846821		
71	4.4		3.7	5.5
51	34.3		25.1	37.7
120	20.7		16.6	25.0





#23

Nitrobenzene-d5

Concen: 83.81 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

ClientSampleId :

SP-004(0-2)MS

Tot Ion: 82 Resp: 1232819

Ion Ratio Lower Upper

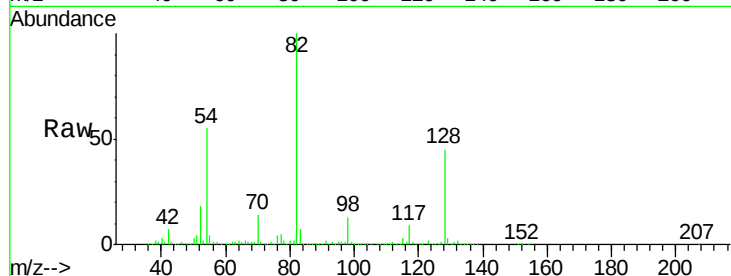
82 100

128 45.5 34.6 51.8

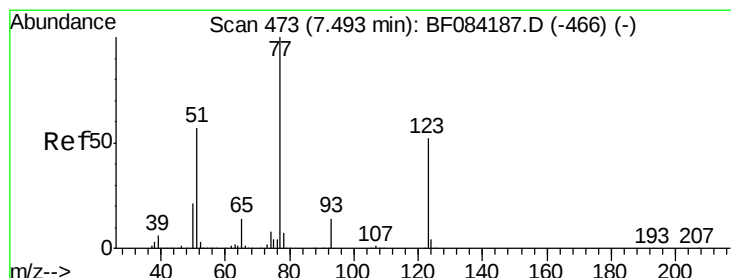
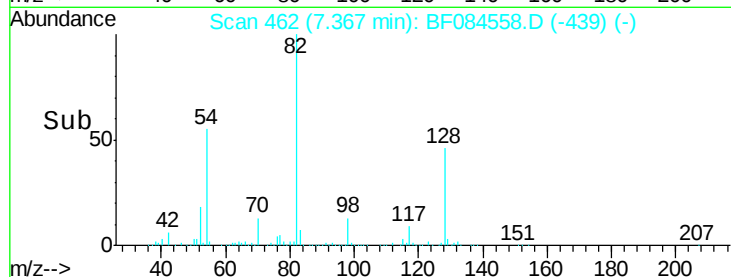
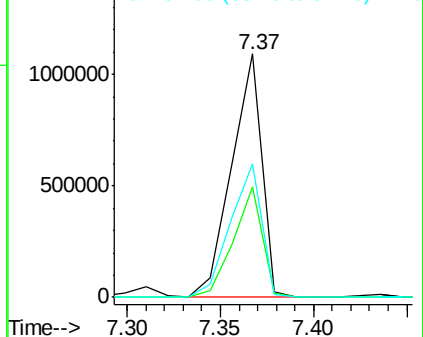
54 55.1 38.4 57.6

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.45 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

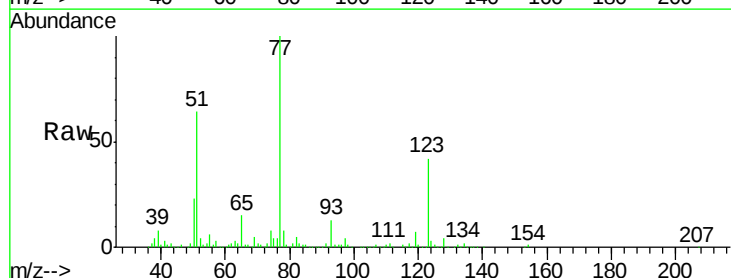
Tgt Ion: 77 Resp: 588533

Ion Ratio Lower Upper

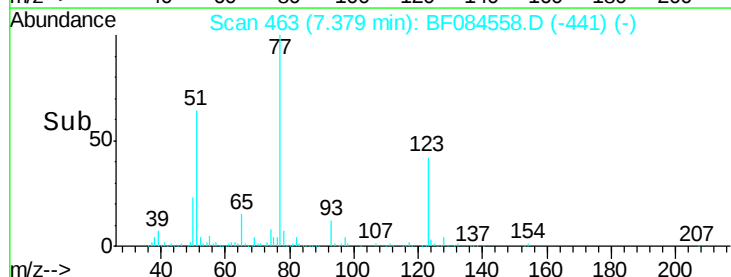
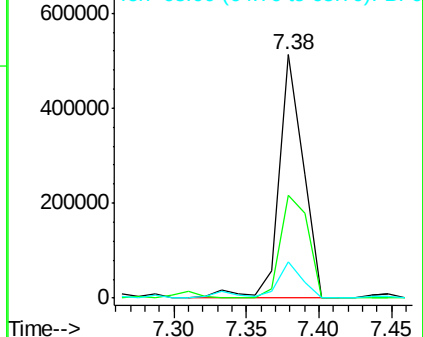
77 100

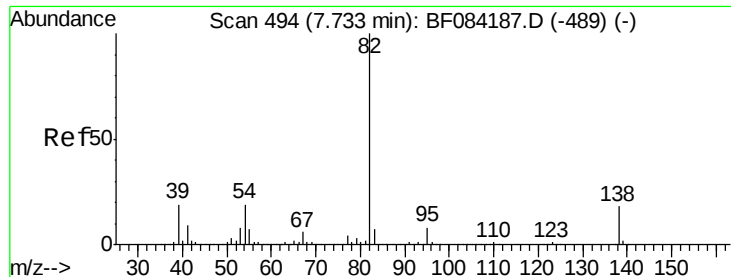
123 42.2 37.4 56.2

65 15.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





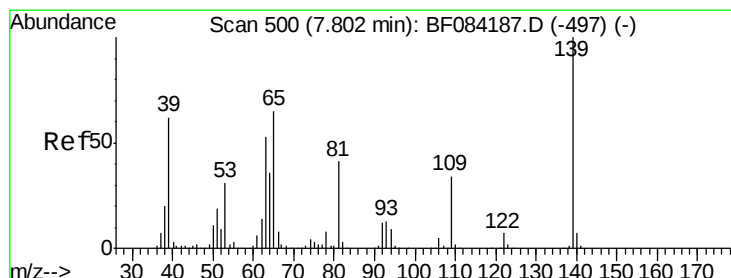
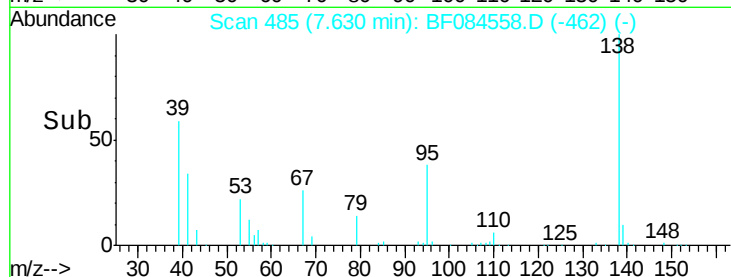
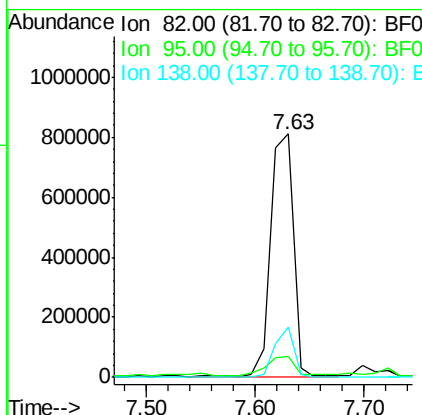
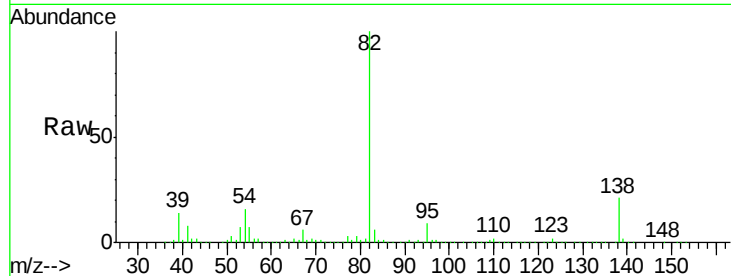
#25
Isophorone
Concen: 41.53 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampled :
SP-004(0-2)MS

Tot Ion: 82 Resp: 1168502
Ion Ratio Lower Upper
82 100
95 8.7 6.6 10.0
138 20.6 13.6 20.4#

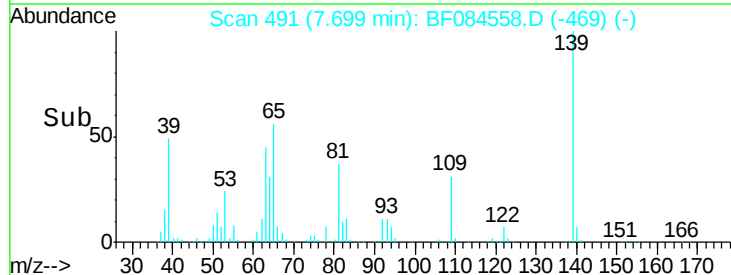
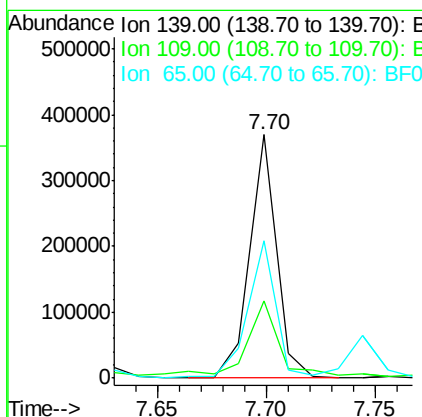
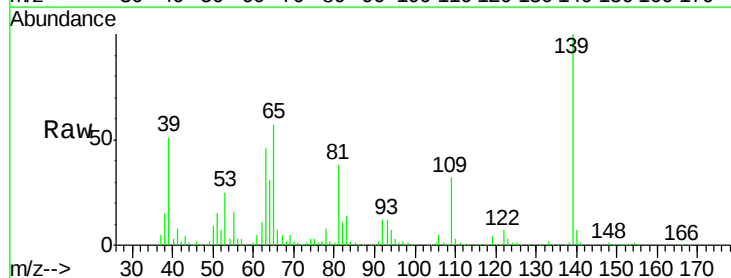
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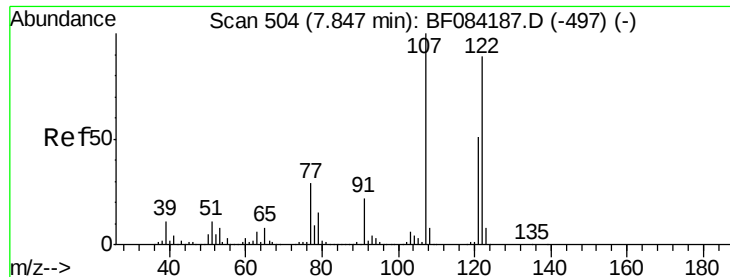
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#26
2-Nitrophenol
Concen: 46.50 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 139 Resp: 315778
Ion Ratio Lower Upper
139 100
109 31.6 25.4 38.2
65 56.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 38.20 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

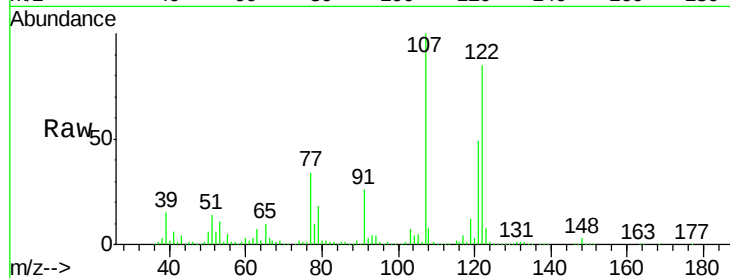
ClientSampleId :

SP-004(0-2)MS

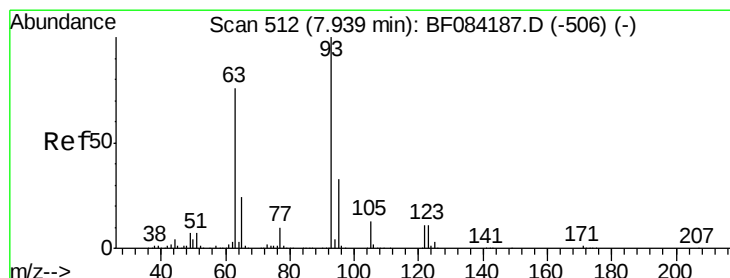
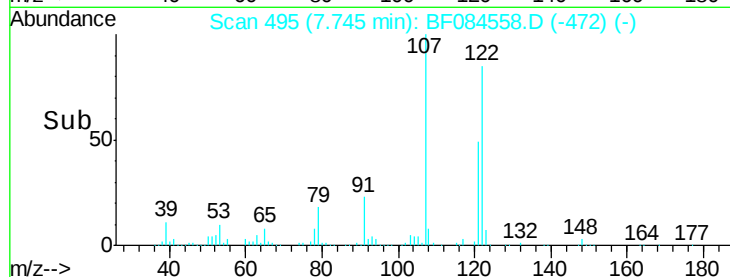
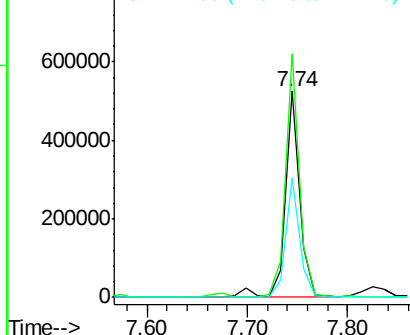
Tot Ion:	122	Resp:	525032
Ion Ratio	Lower	Upper	
122	100		
107	118.2	99.1	148.7
121	58.0	47.9	71.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.43 ng

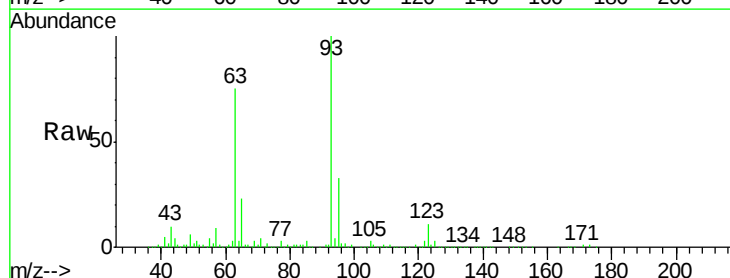
RT: 7.84 min Scan# 503

Delta R.T. -0.05 min

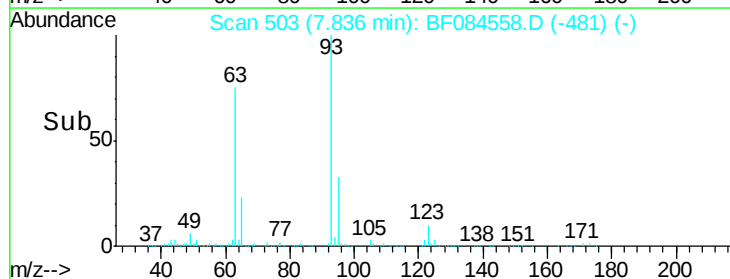
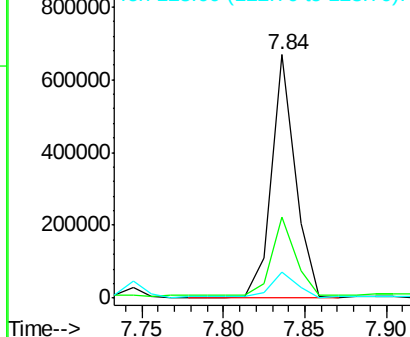
Lab File: BF084558.D

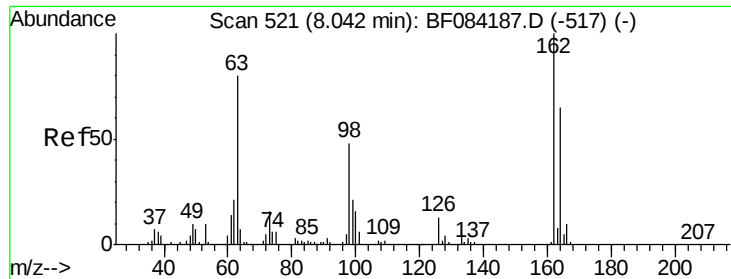
Acq: 19 Jan 2016 18:01

Tgt Ion:	93	Resp:	677640
Ion Ratio	Lower	Upper	
93	100		
95	33.5	25.8	38.6
123	10.5	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





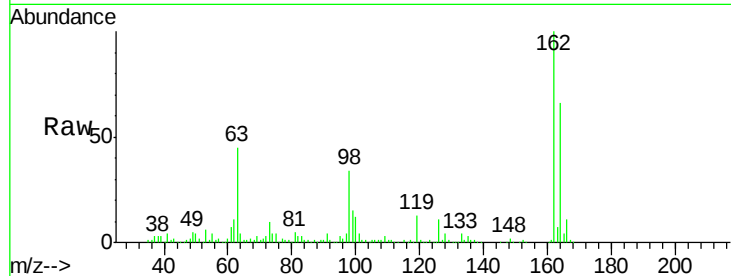
#29
2,4-Dichlorophenol
Concen: 44.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

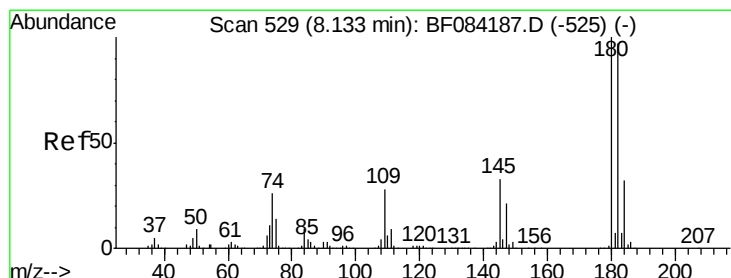
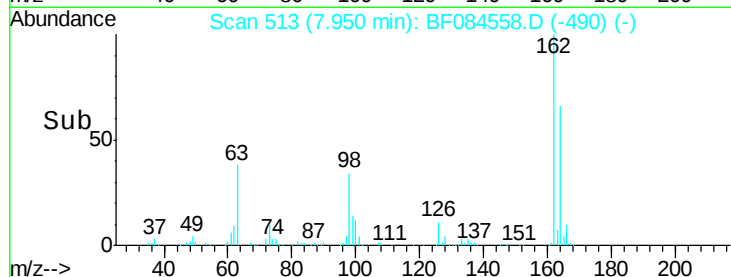
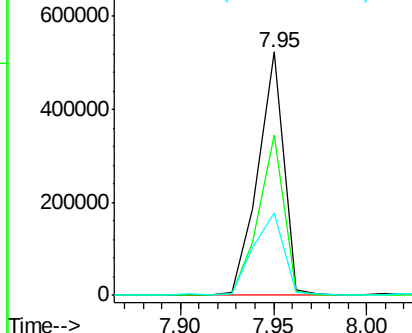
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.1	84.1
98	34.0	20.2	60.2

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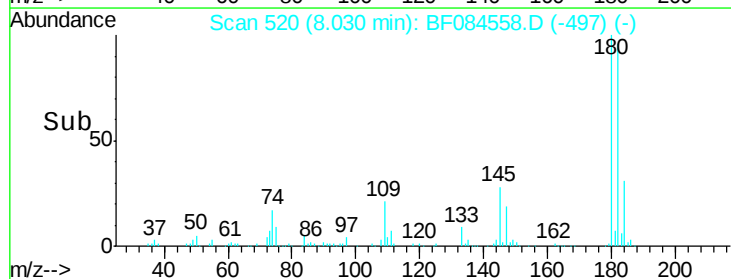
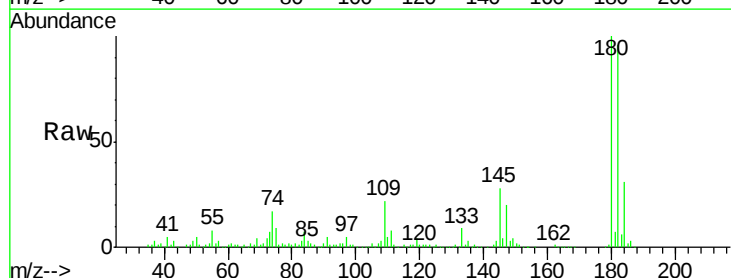
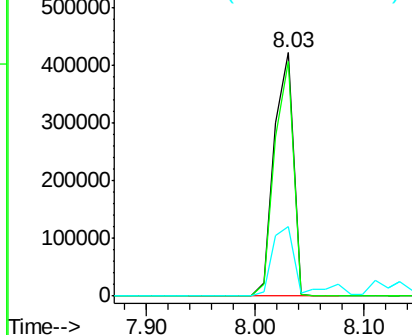
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

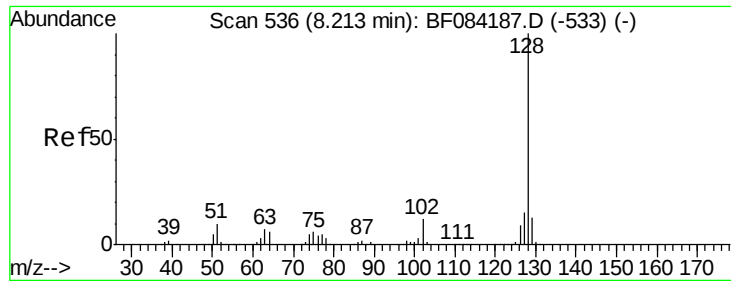


#30
1,2,4-Trichlorobenzene
Concen: 43.53 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	28.3	31.6	47.4#

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





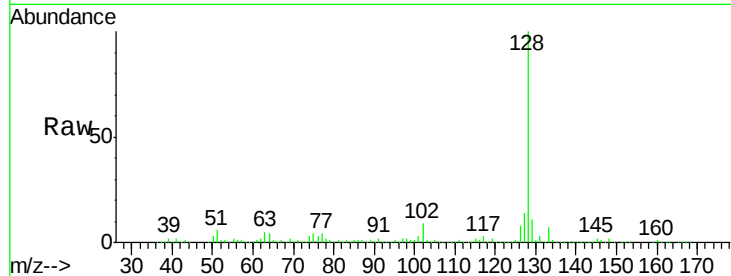
#31
Naphthalene
Concen: 48.87 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

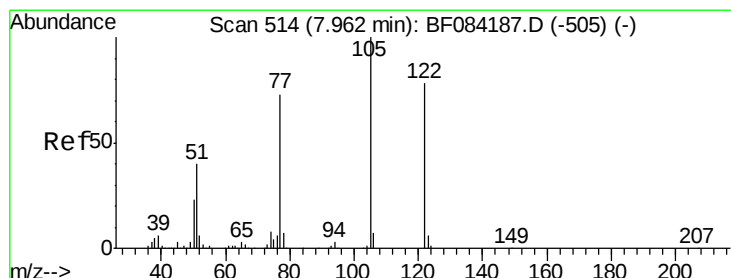
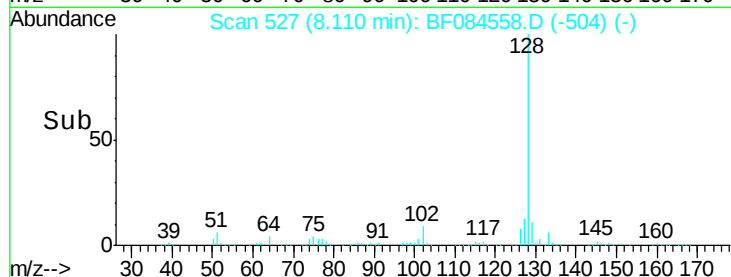
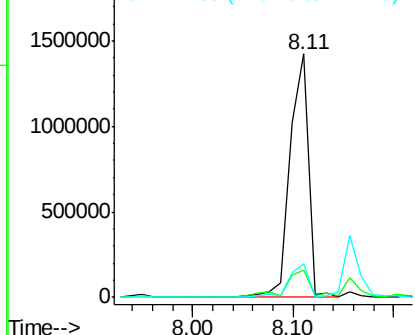
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	11.1	16.7

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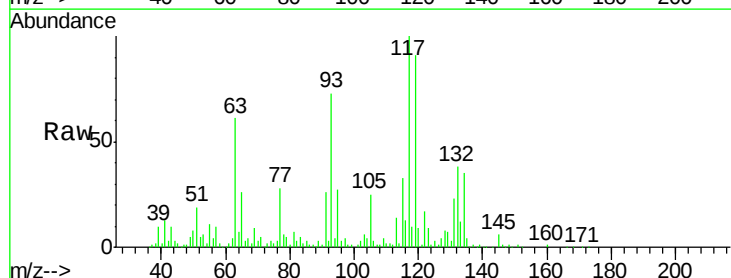


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

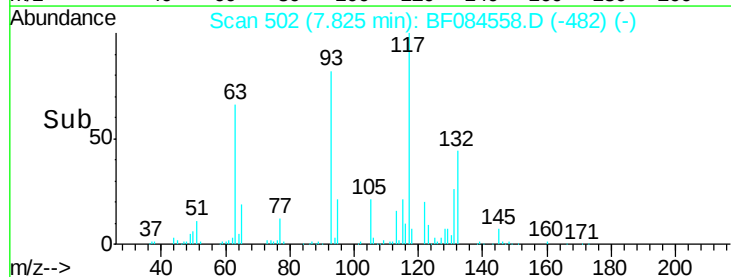
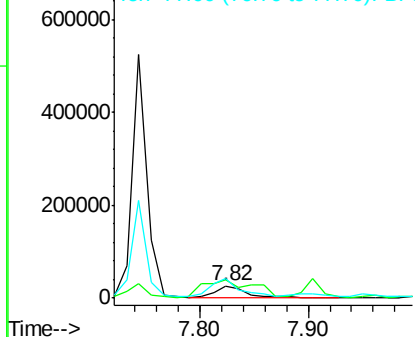


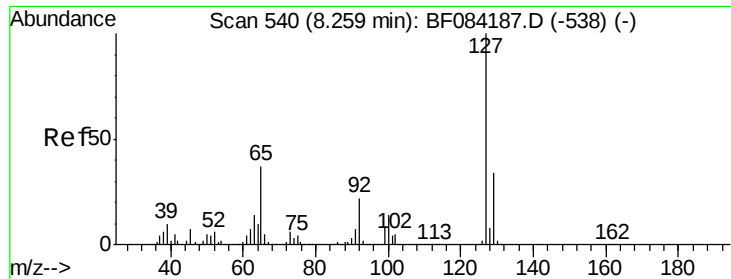
#32
Benzoic acid
Concen: 11.39 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.8	100.3	140.3#
77	163.5	63.5	103.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





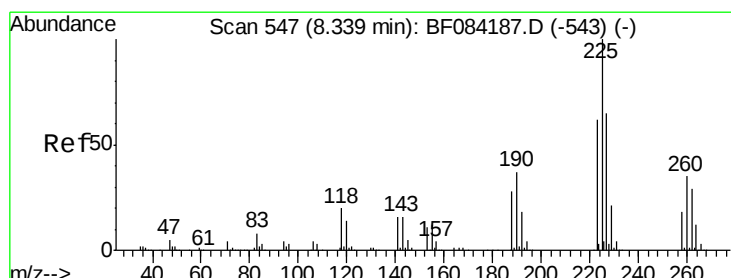
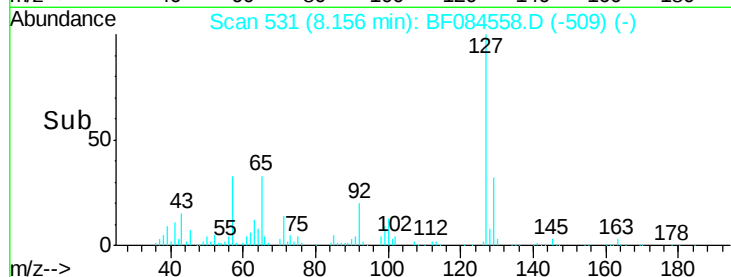
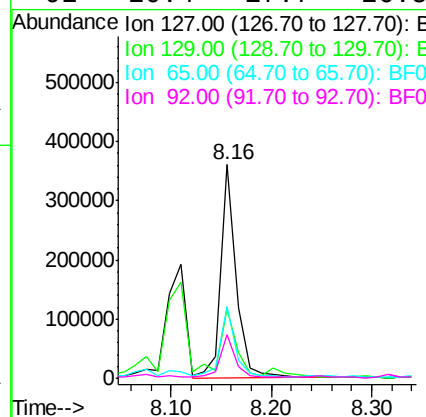
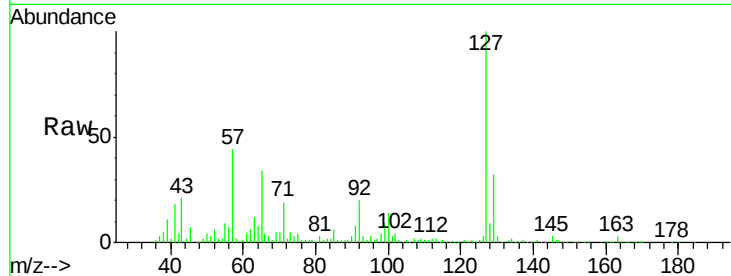
#33
4-Chloroaniline
Concen: 22.58 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.5	39.7		
65	33.8	27.2	40.8		
92	20.4	17.7	26.5		

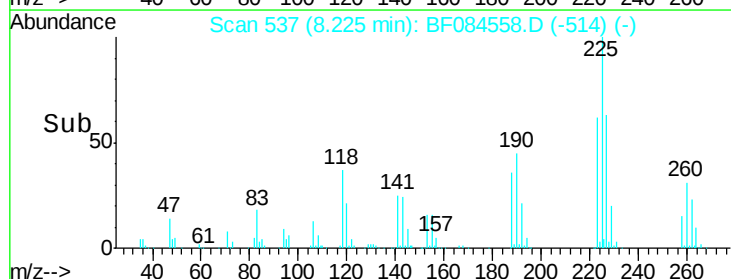
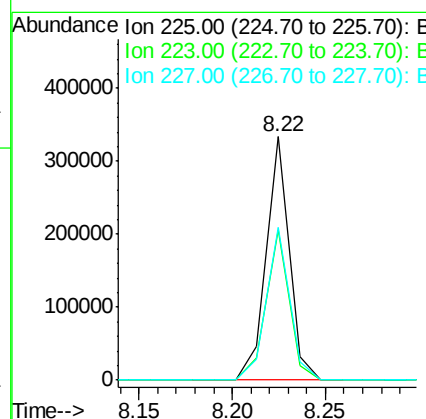
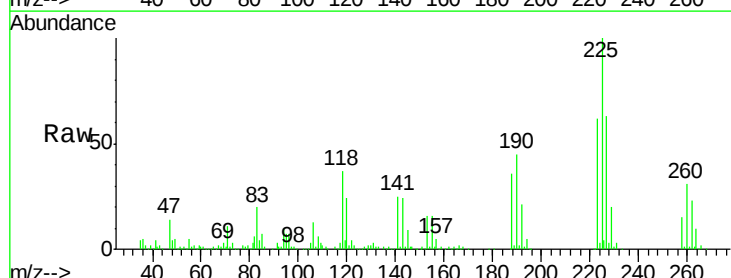
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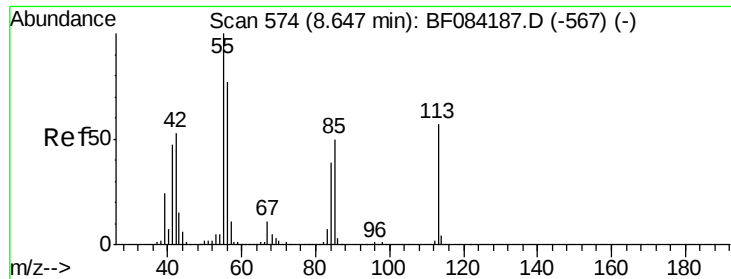
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#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	49.4	74.0		
227	62.6	50.8	76.2		





#35

Caprolactam

Concen: 48.58 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

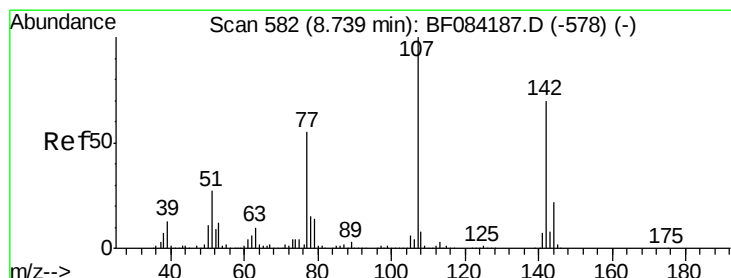
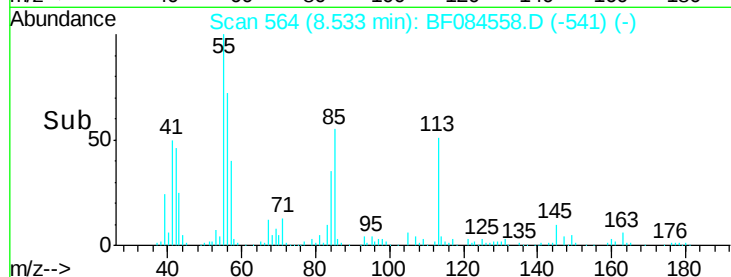
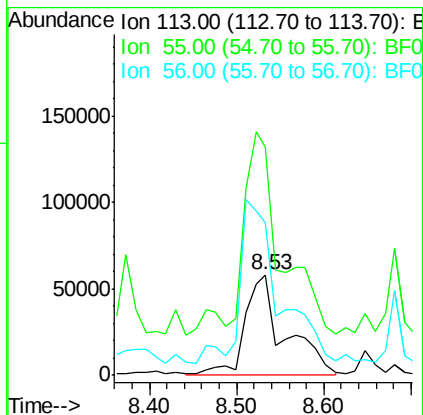
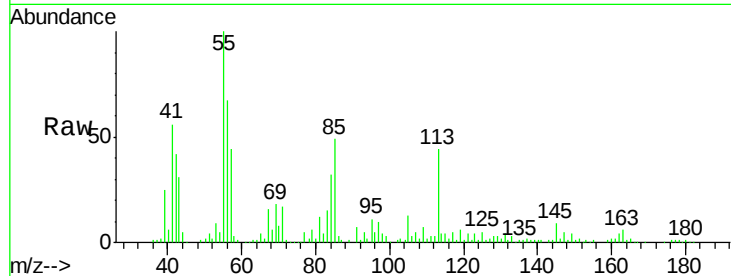
ClientSampleId :

SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	226.9	116.9	156.9#
56	151.9	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.25 ng/ml

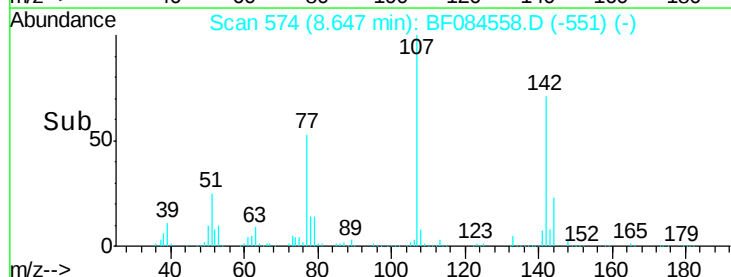
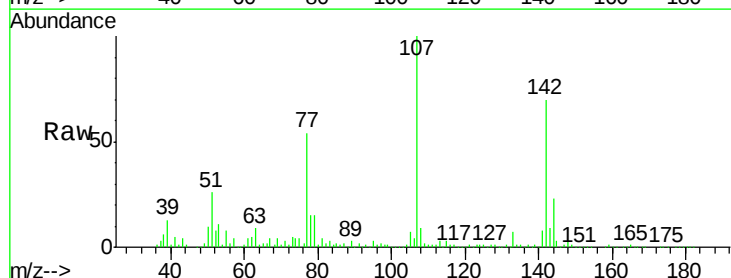
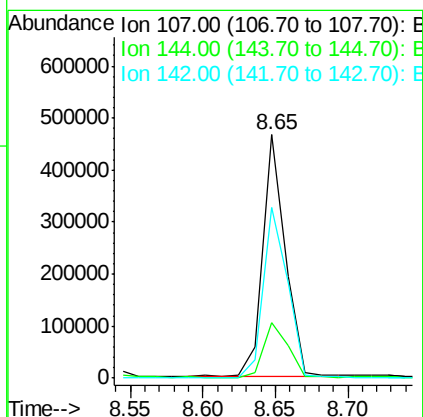
RT: 8.65 min Scan# 574

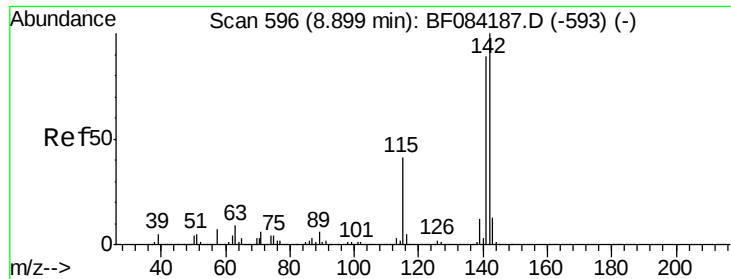
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.7	29.5
142	70.2	61.8	92.6





#37

2-Methylnaphthalene

Concen: 41.92 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

ClientSampleId :

SP-004(0-2)MS

Tot Ion:142 Resp: 1117739

Ion Ratio Lower Upper

142 100

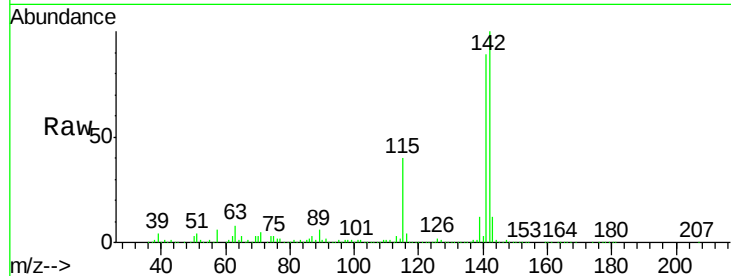
141 88.6 72.4 108.6

115 40.1 27.9 41.9

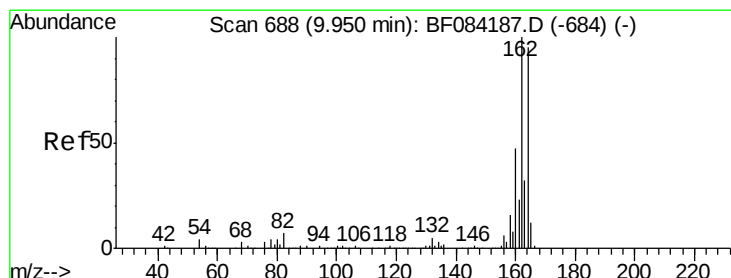
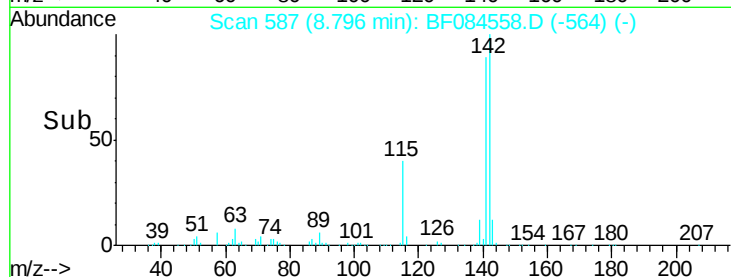
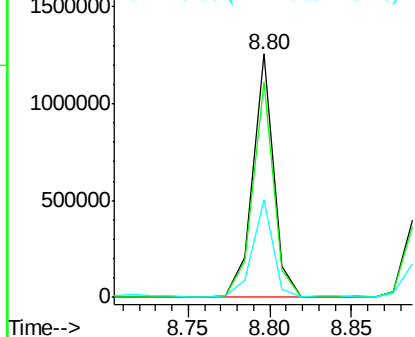
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

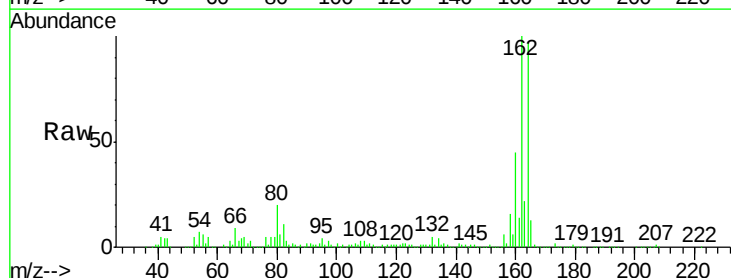
Tgt Ion:164 Resp: 374079

Ion Ratio Lower Upper

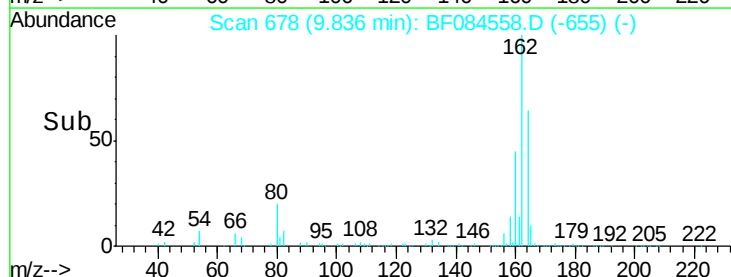
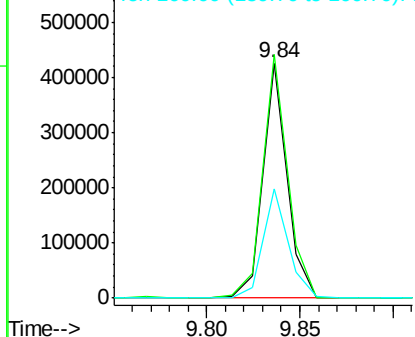
164 100

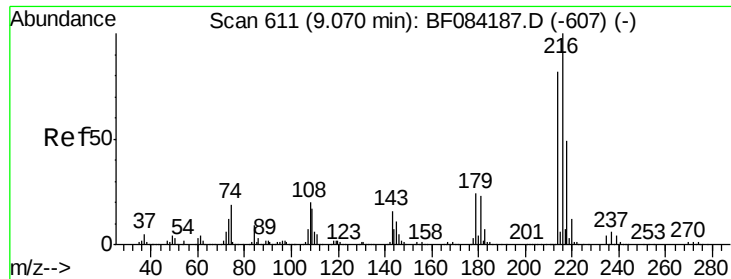
162 103.5 85.1 127.7

160 46.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.66 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

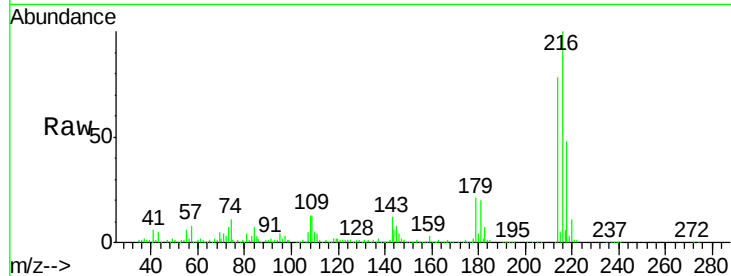
ClientSampleId :

SP-004(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		469497		
214	79.2		64.2	96.2	
179	24.5		18.7	28.1	
108	20.9		16.8	25.2	

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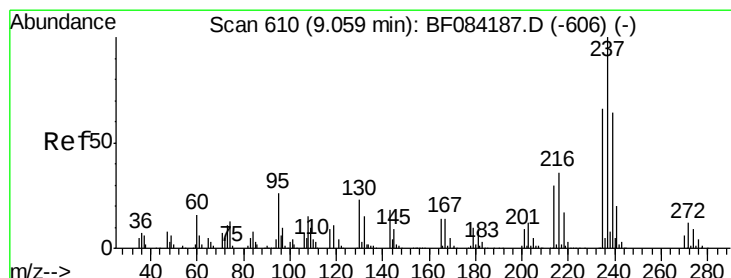
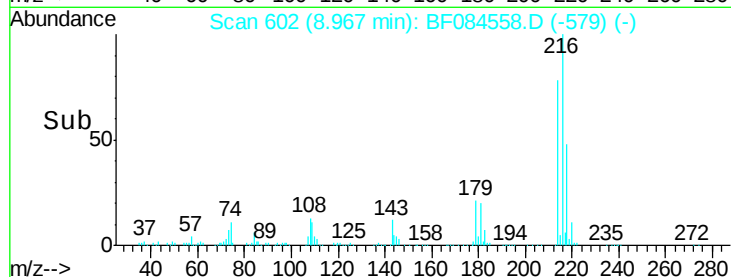
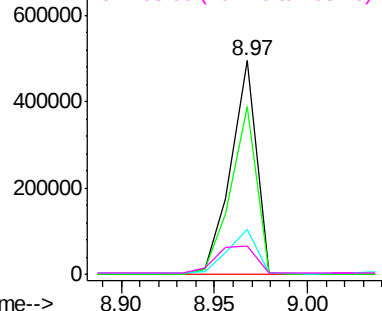


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.25 ng

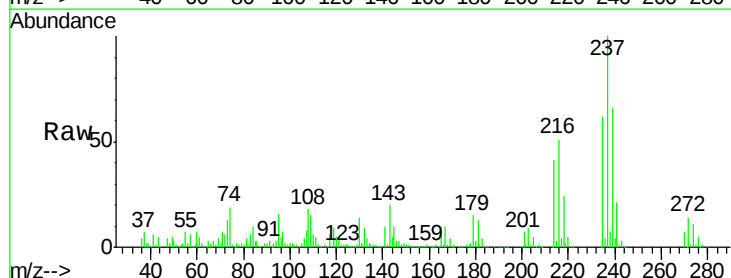
RT: 8.96 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

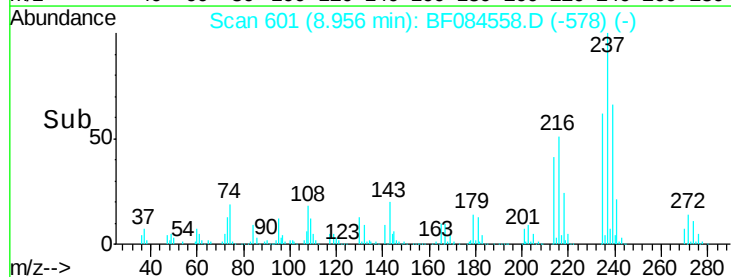
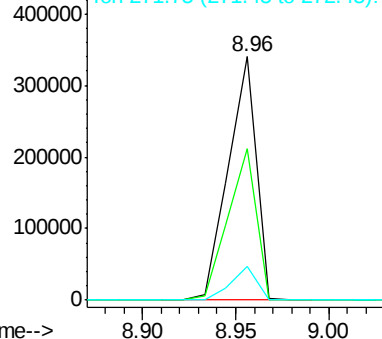
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		352168		
235	62.4		43.1	83.1	
272	13.6		0.0	35.1	

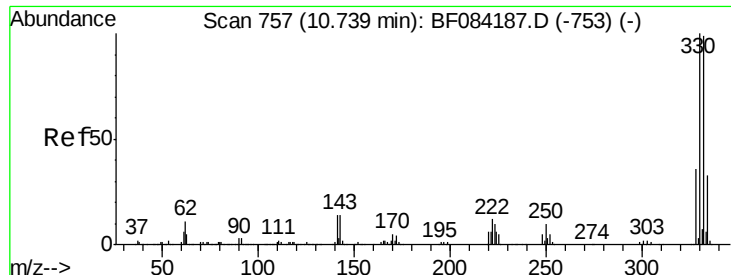


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





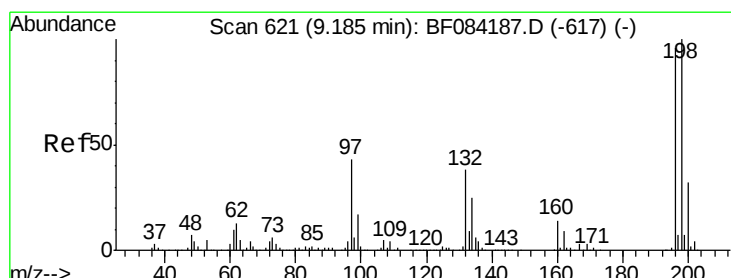
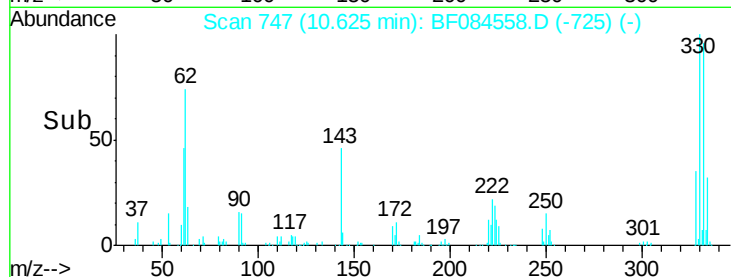
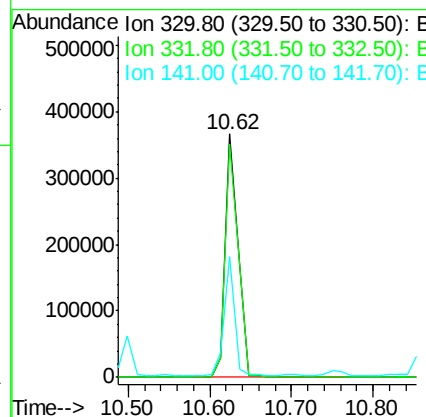
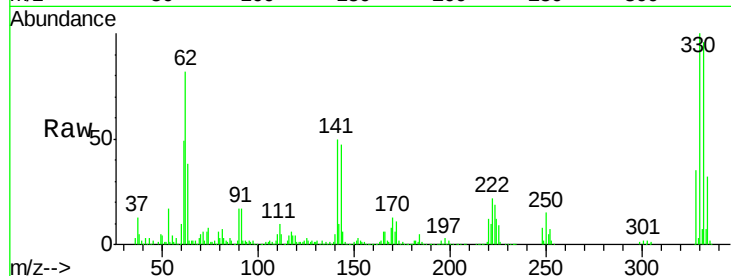
#41
 2,4,6-Tribromophenol
 Concen: 104.51 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	394715		
332	97.5	76.6	114.8	
141	40.4	27.8	41.6	

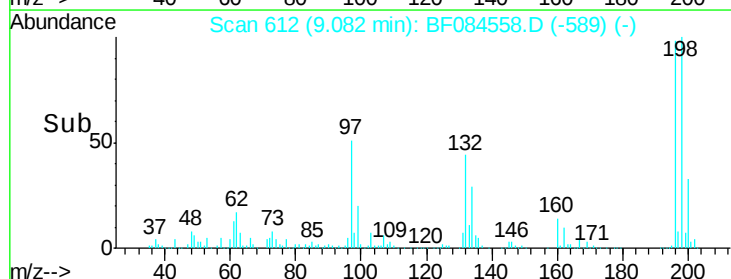
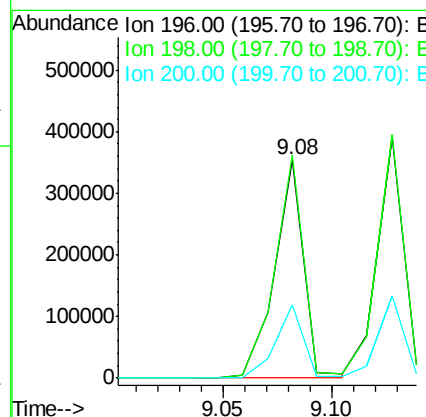
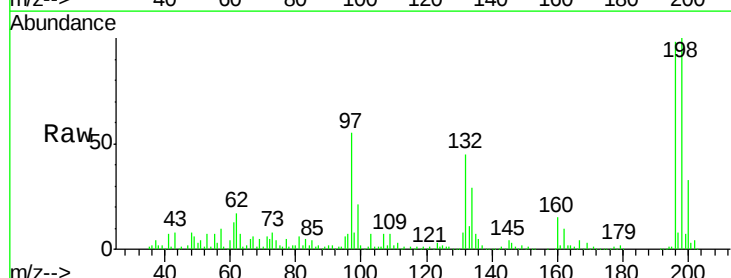
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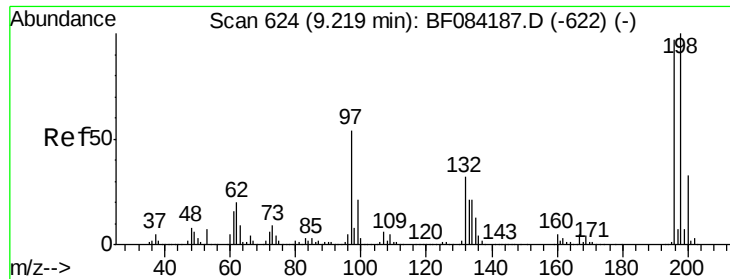
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#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	331259		
198	102.0	77.7	116.5	
200	33.7	24.6	37.0	





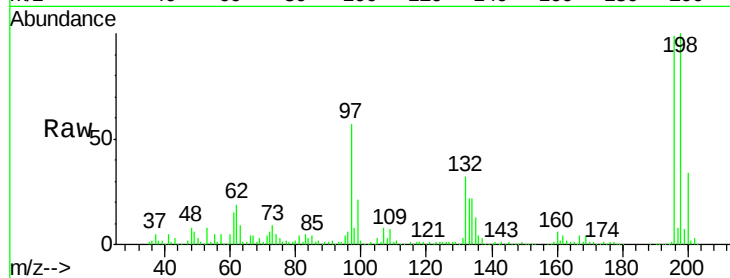
#43
 2,4,5-Trichlorophenol
 Concen: 43.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

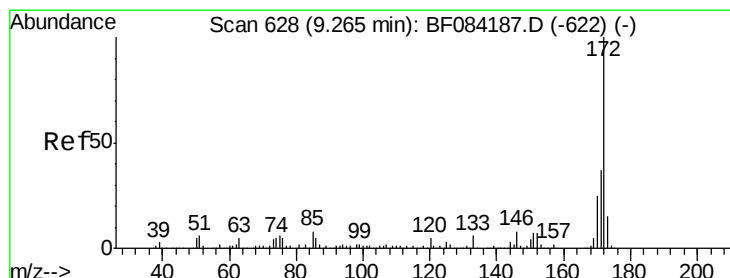
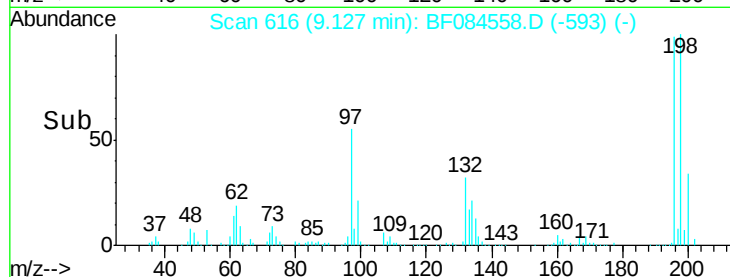
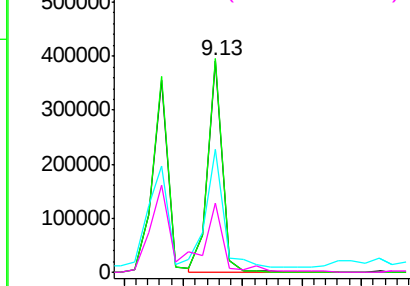
Tot Ion:	196	Resp:	333557
Ion Ratio	Lower	Upper	
196	100		
198	101.0	79.0	118.6
97	57.9	33.0	49.6#
132	32.4	21.1	31.7#

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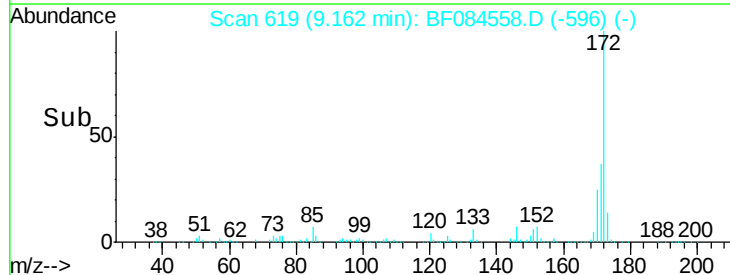
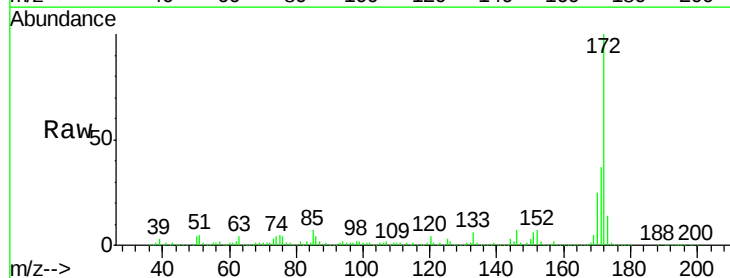
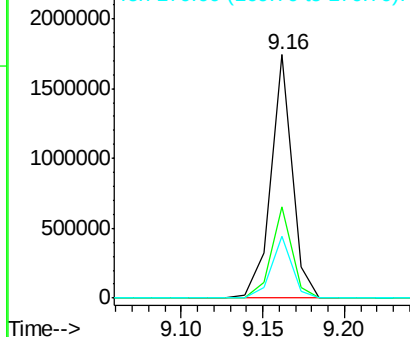
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

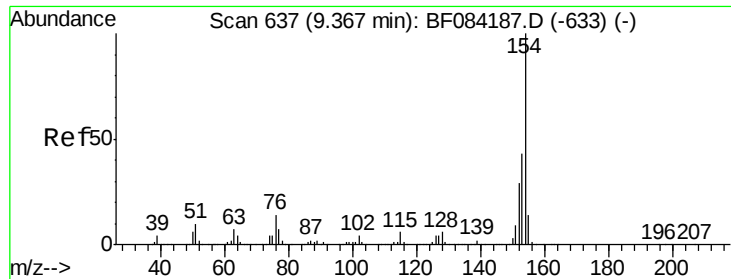


#44
 2-Fluorobiphenyl
 Concen: 73.56 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Tgt Ion:	172	Resp:	1582408
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.9	43.3
170	25.2	18.6	27.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





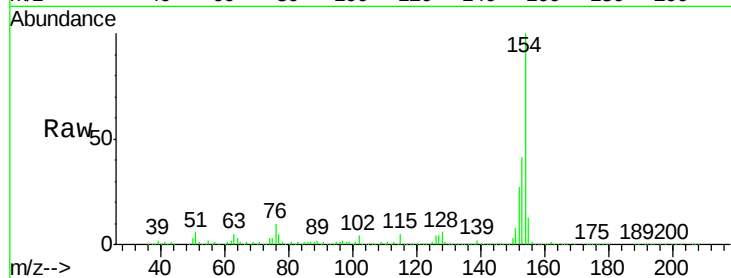
#45
 1,1'-Biphenyl
 Concen: 45.01 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	10.3	0.0	32.7

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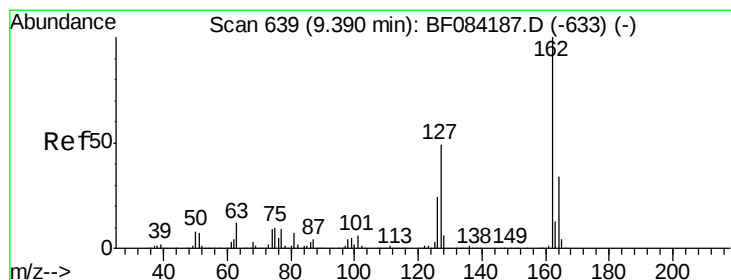
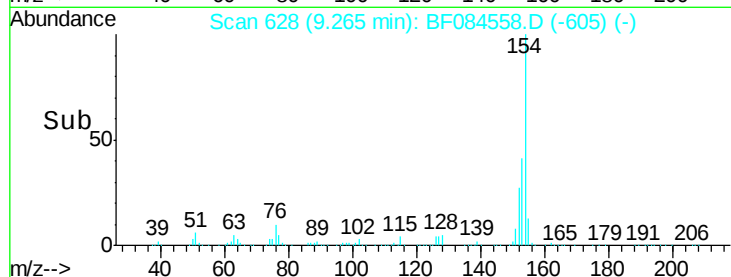
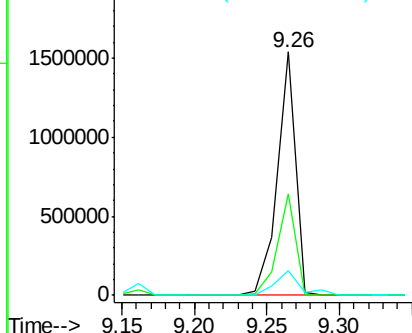


Abundance

Ion 154.00 (153.70 to 154.70): E

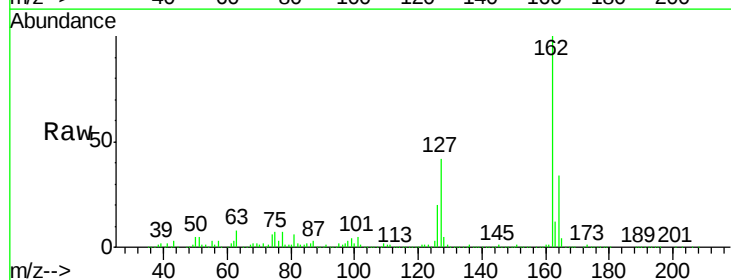
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 42.71 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	40.2	60.4
164	33.9	25.7	38.5

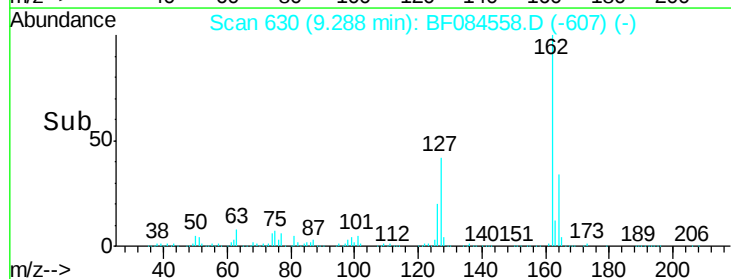
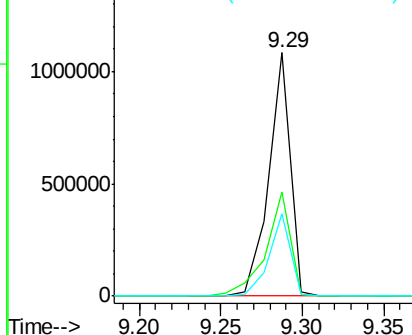


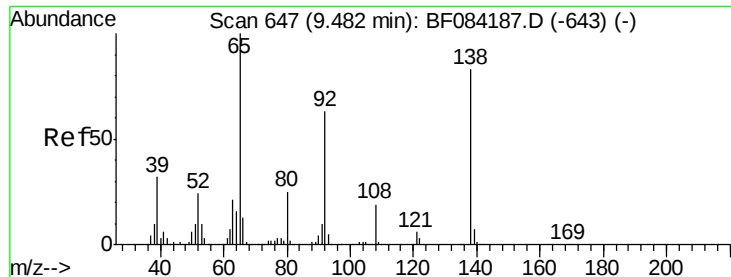
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





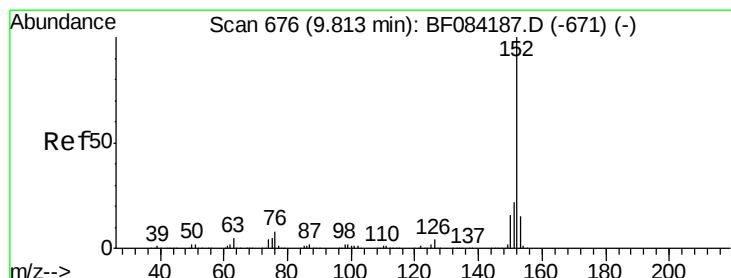
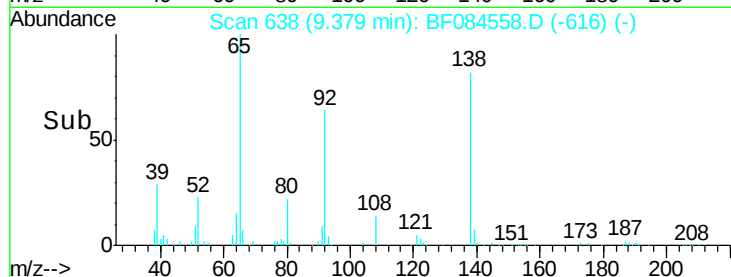
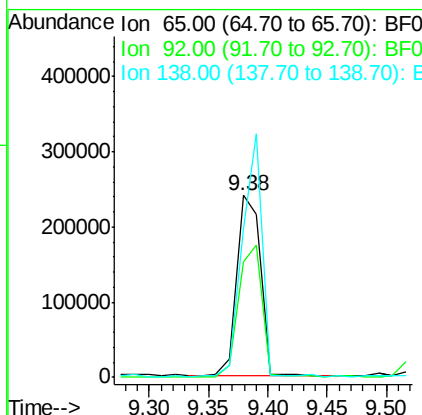
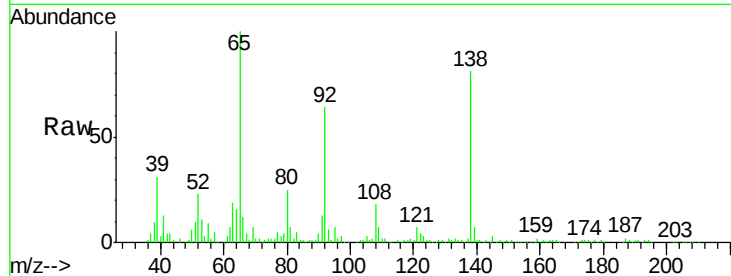
#47
2-Nitroaniline
Concen: 43.14 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	53.4	80.2
138	81.5	71.1	106.7

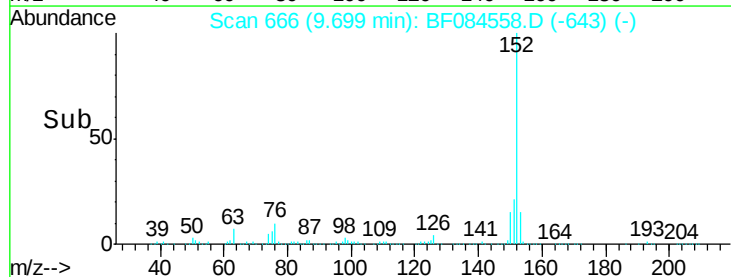
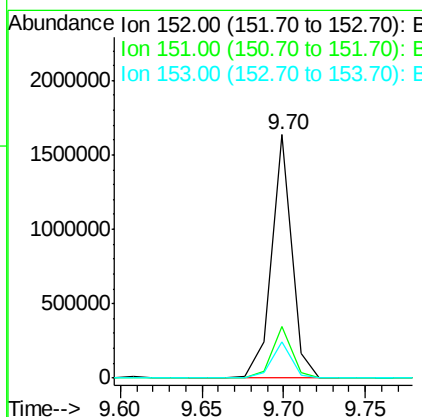
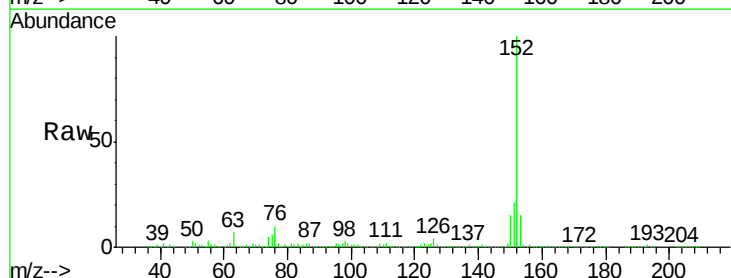
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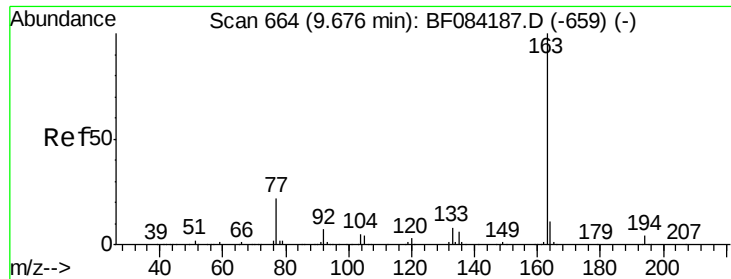
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#48
Acenaphthylene
Concen: 40.93 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	15.0	10.4	15.6





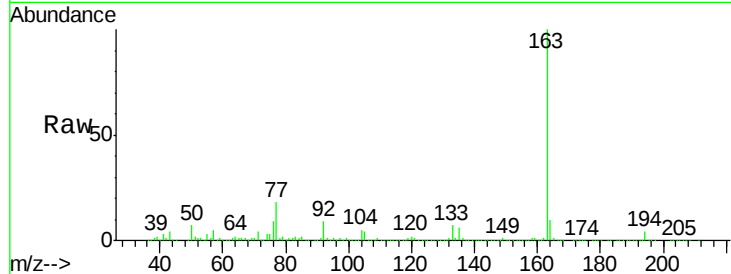
#49
Dimethylphthalate
Concen: 58.57 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

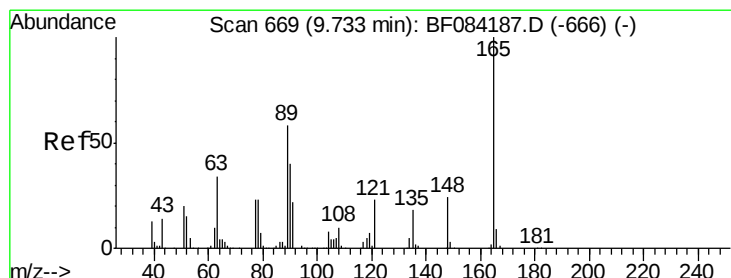
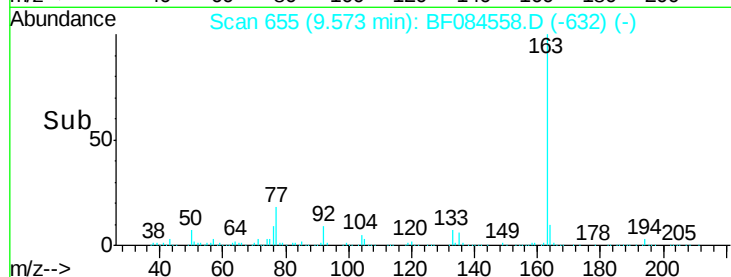
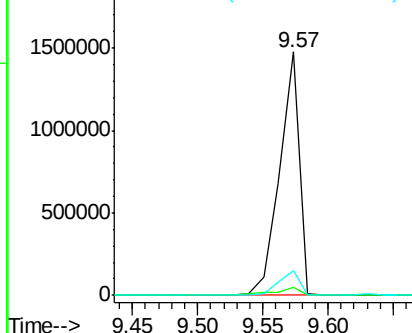
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.2	8.0	12.0

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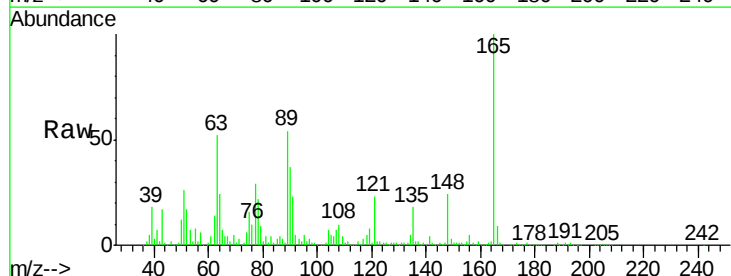


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

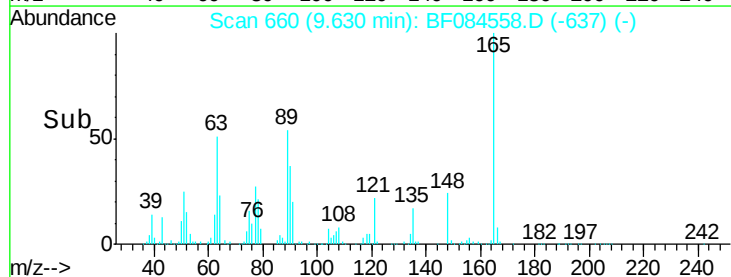
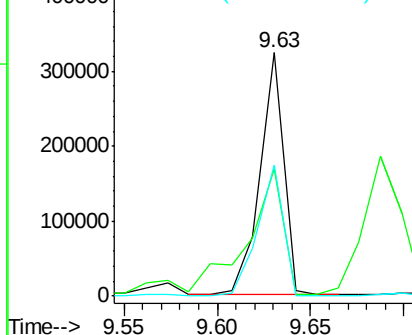


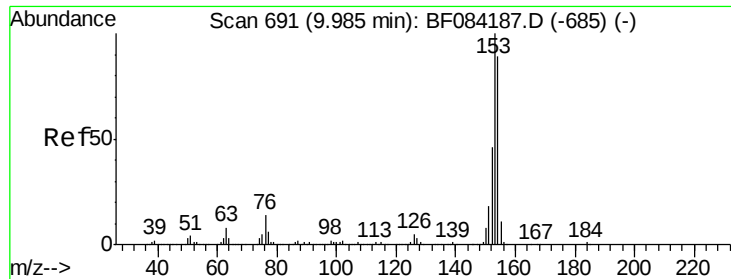
#50
2,6-Dinitrotoluene
Concen: 48.35 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	28.8	43.2#
89	53.7	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.73 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

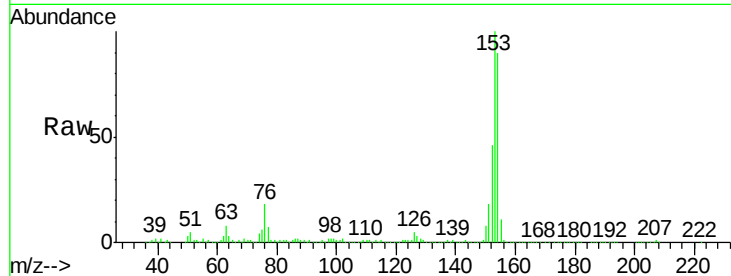
ClientSampleId :

SP-004(0-2)MS

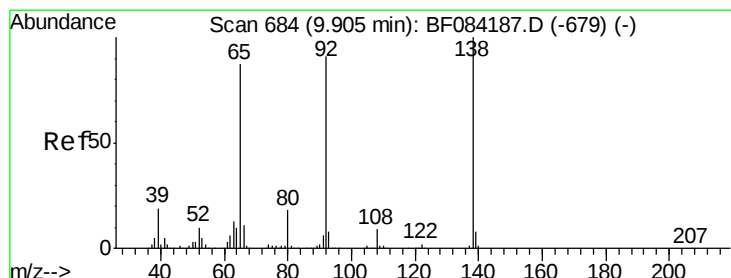
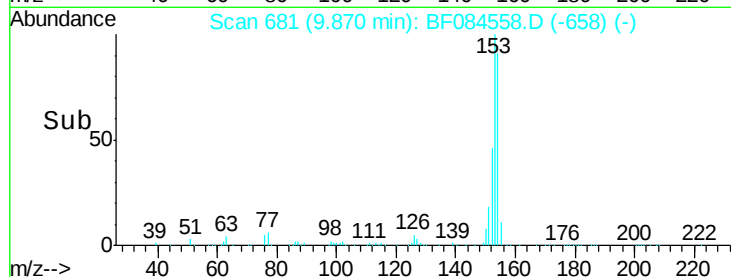
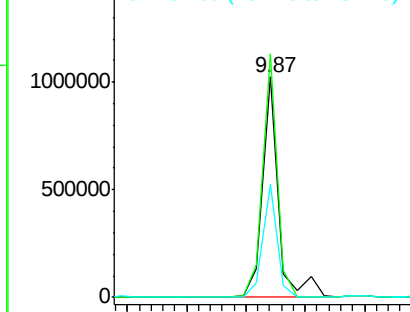
Tot Ion:	154	Resp:	965740
Ion Ratio	Lower	Upper	
154	100		
153	110.6	91.5	137.3
152	51.4	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.74 ng

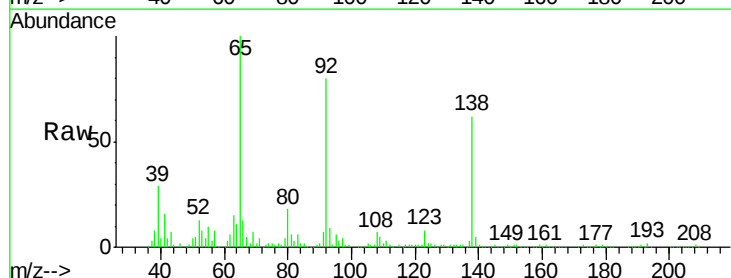
RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

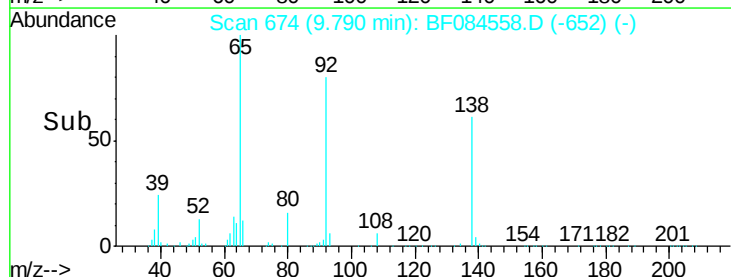
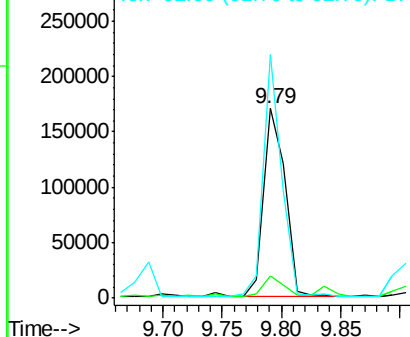
Lab File: BF084558.D

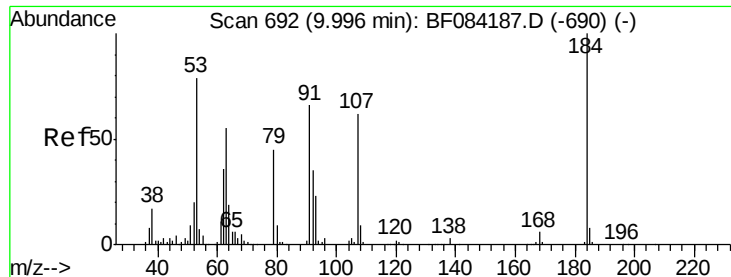
Acq: 19 Jan 2016 18:01

Tgt Ion:	138	Resp:	216130
Ion Ratio	Lower	Upper	
138	100		
108	12.0	10.5	15.7
92	128.3	103.9	155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





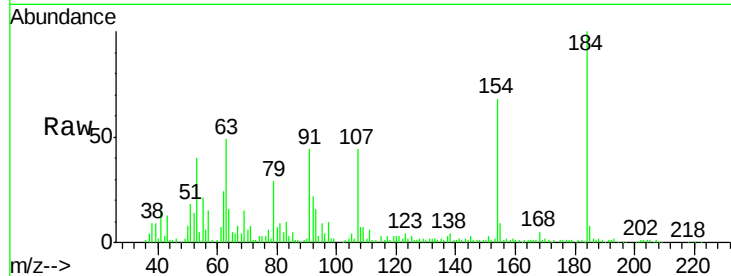
#53
2,4-Dinitrophenol
Concen: 55.02 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

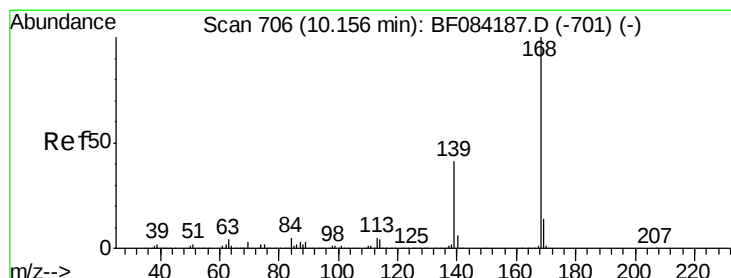
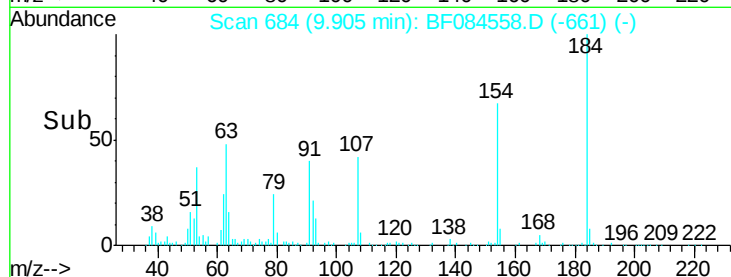
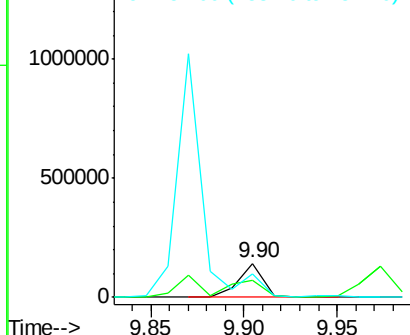
Tot Ion	Ratio	Lower	Upper
184	100		
63	48.8	43.1	64.7
154	67.9	60.5	90.7

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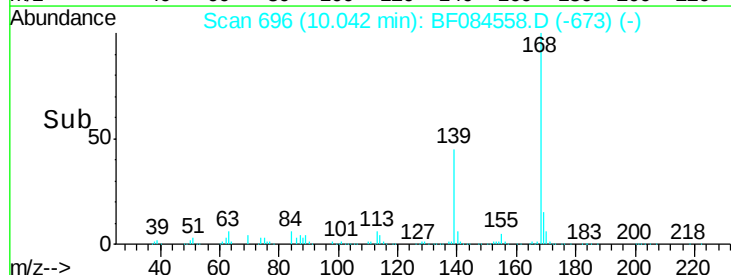
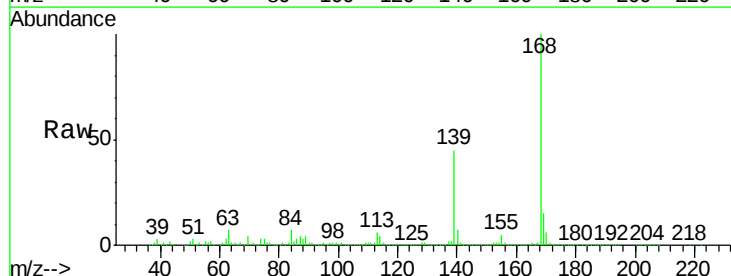
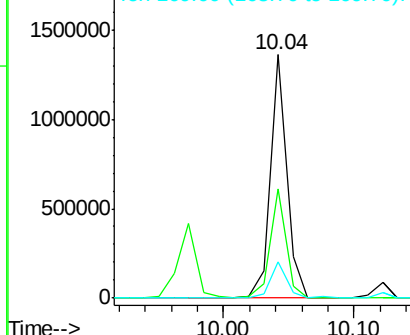
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

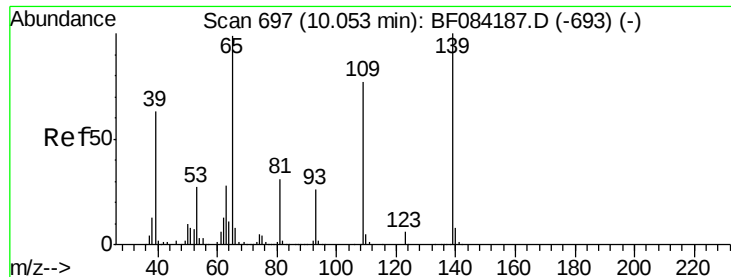


#54
Dibenzofuran
Concen: 39.80 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.9	30.5	45.7
169	15.1	10.4	15.6

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.78 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

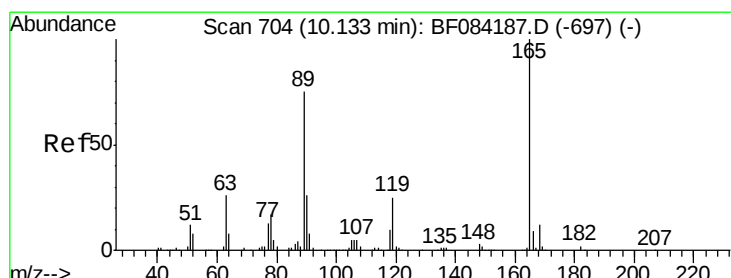
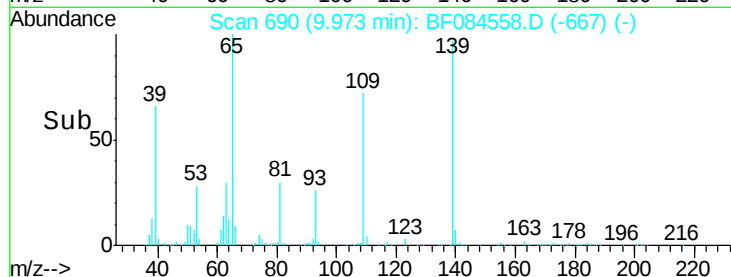
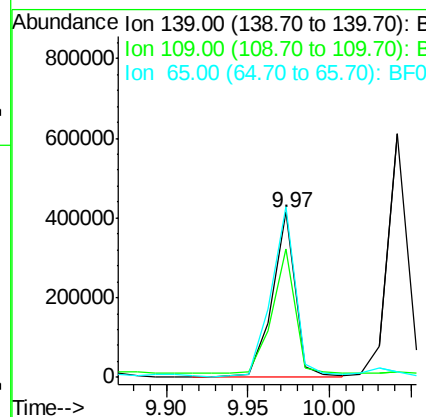
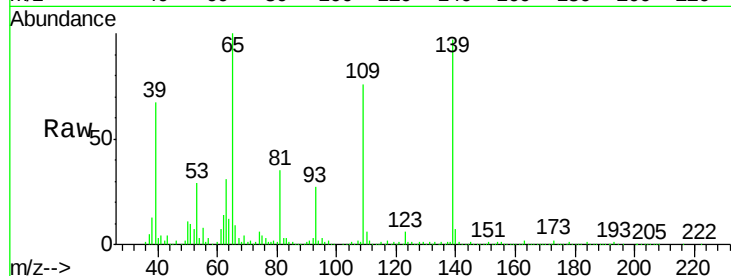
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	139	Resp:	405041
Ion Ratio	Lower	Upper	
139	100		
109	78.1	58.5	98.5
65	103.2	57.6	97.6

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#56

2,4-Dinitrotoluene

Concen: 45.11 ng

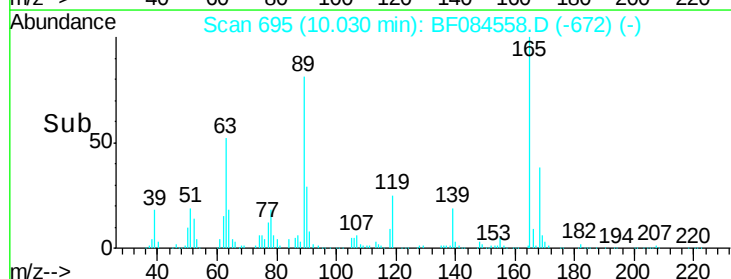
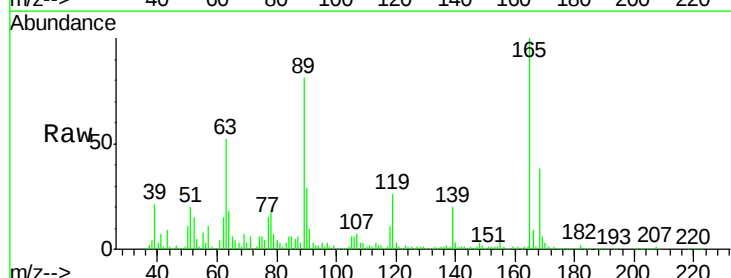
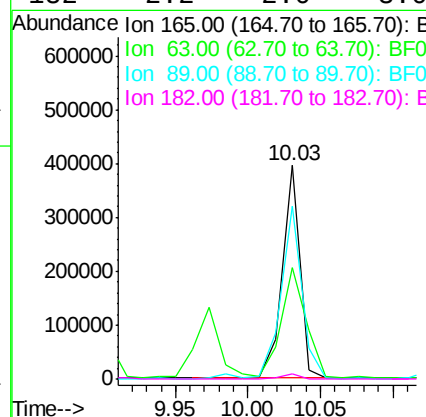
RT: 10.03 min Scan# 695

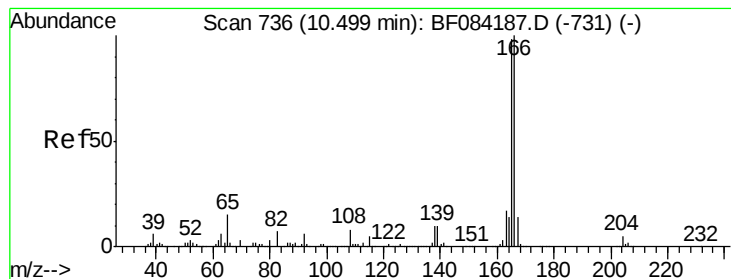
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	165	Resp:	334900
Ion Ratio	Lower	Upper	
165	100		
63	52.0	36.7	55.1
89	80.9	61.9	92.9
182	2.2	2.0	3.0





#57

Fluorene

Concen: 40.83 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

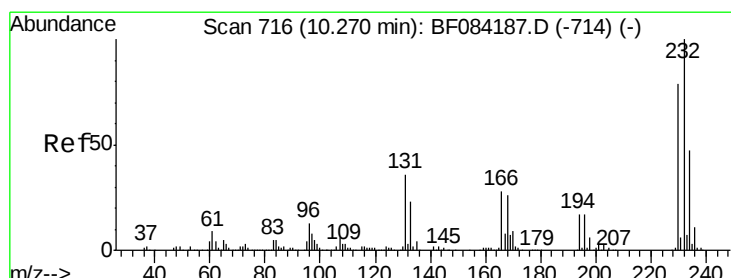
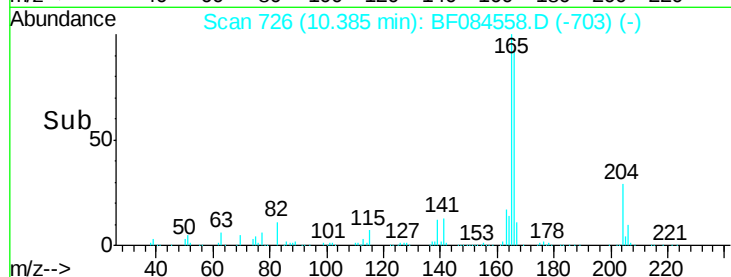
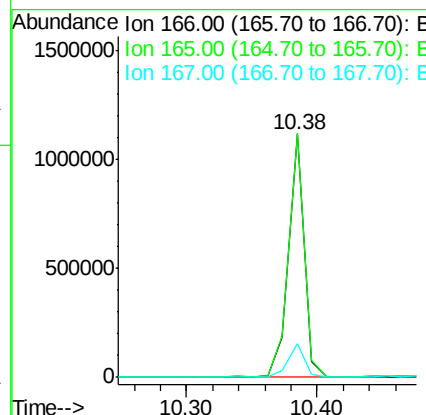
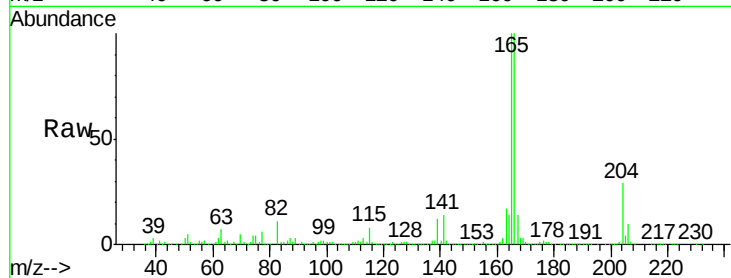
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	166	Resp:	951467
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.1	118.7
167	13.9	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.29 ng

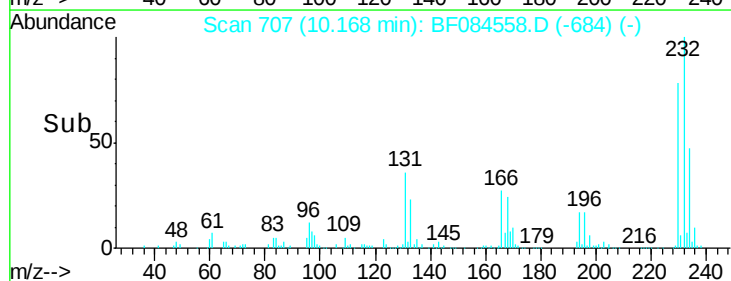
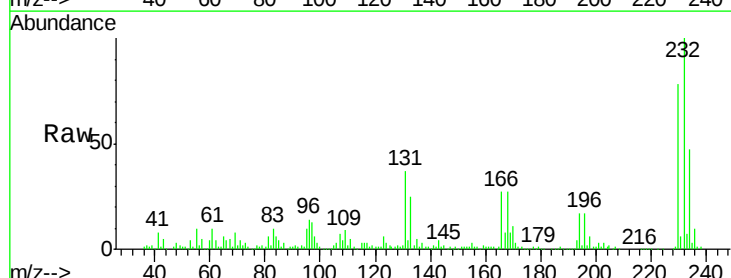
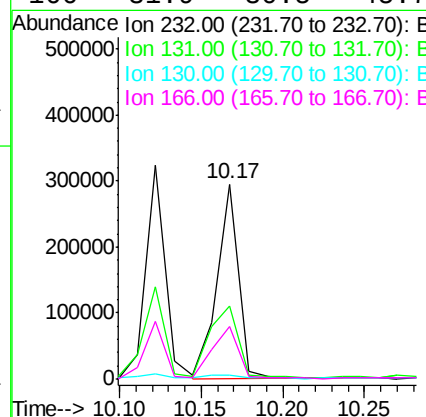
RT: 10.17 min Scan# 707

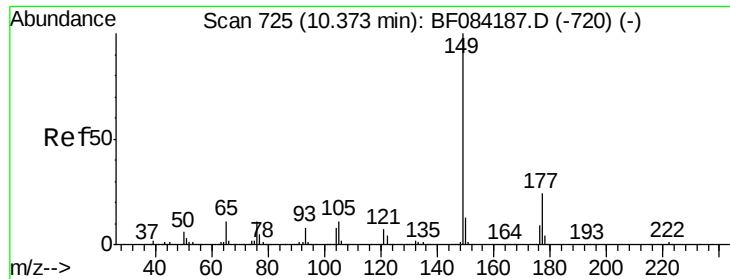
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	232	Resp:	271907
Ion Ratio	Lower	Upper	
232	100		
131	49.4	47.0	70.6
130	2.9	2.0	3.0
166	31.9	30.5	45.7





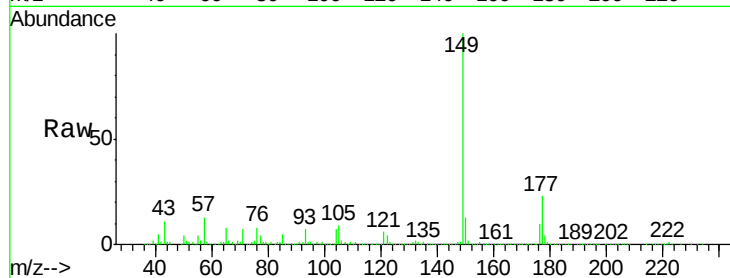
#59
Diethylphthalate
Concen: 43.70 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

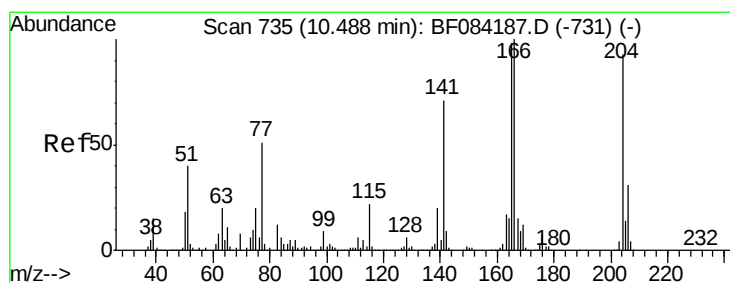
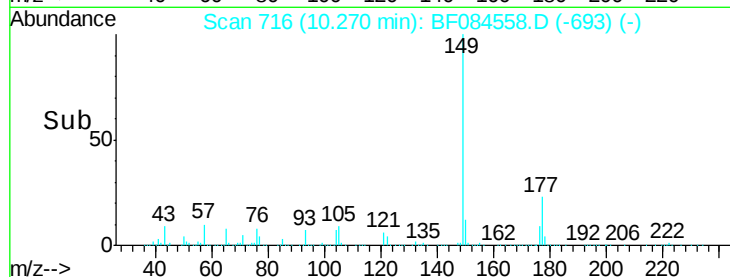
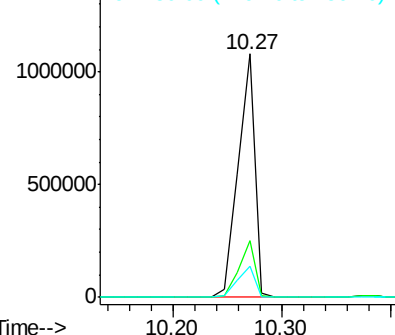
Tot Ion:149 Resp: 1152268
Ion Ratio Lower Upper
149 100
177 23.3 17.3 25.9
150 12.6 9.8 14.8

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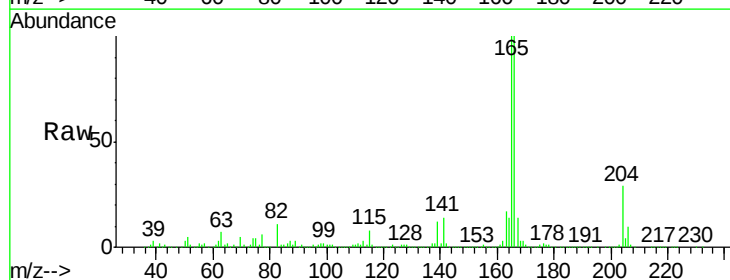


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

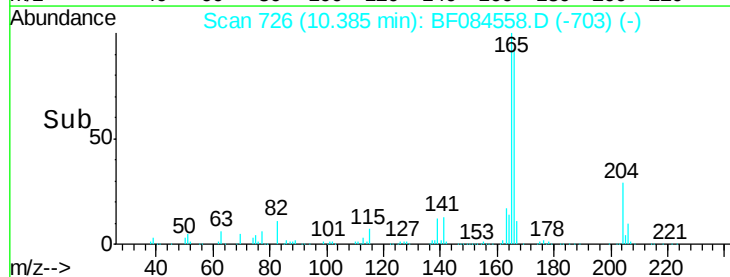
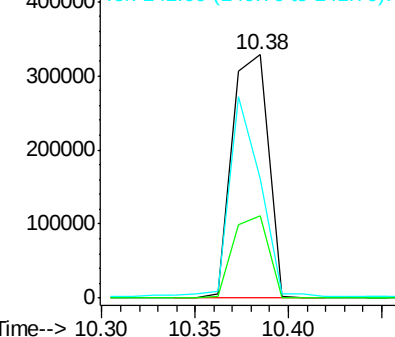


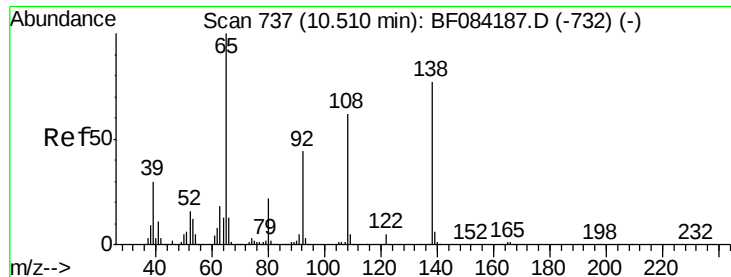
#60
4-Chlorophenyl-phenylether
Concen: 45.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:204 Resp: 441595
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 49.3 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.39 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

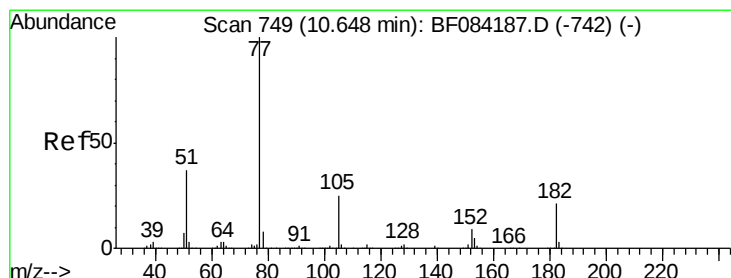
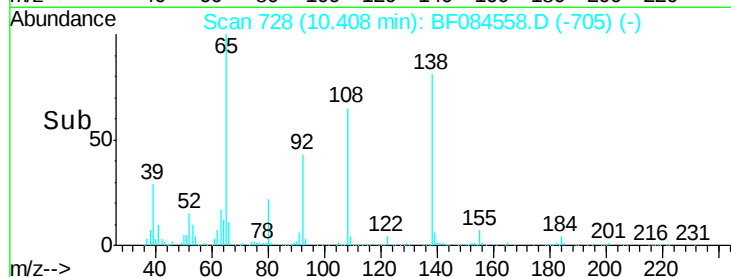
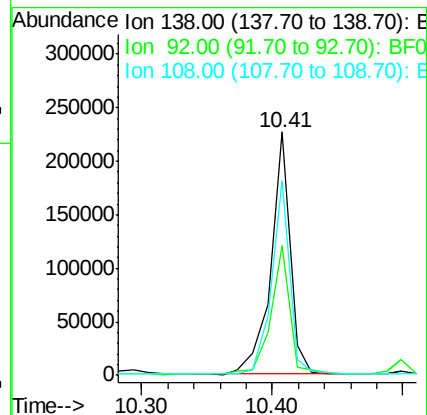
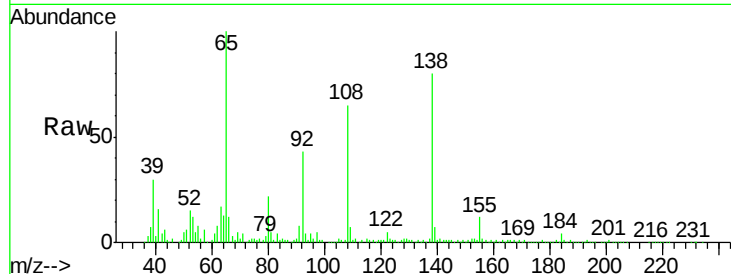
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	138	Resp:	235757
Ion Ratio	Lower	Upper	
138	100		
92	53.5	32.6	72.6
108	80.2	68.6	108.6

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#62

Azobenzene

Concen: 38.92 ng

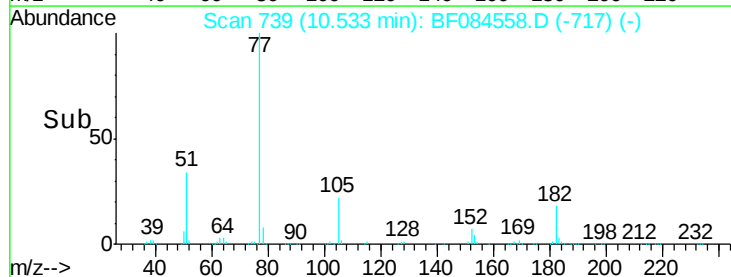
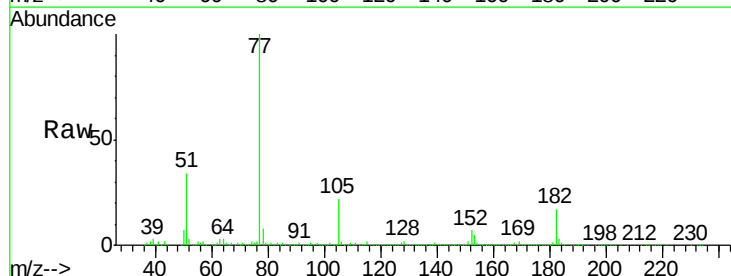
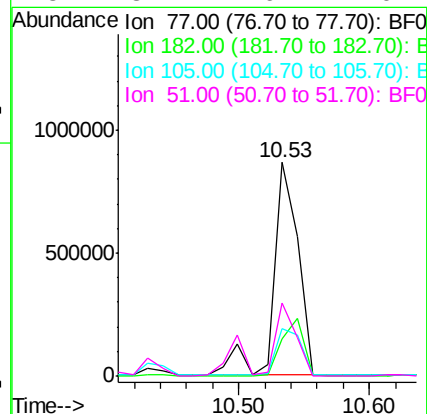
RT: 10.53 min Scan# 739

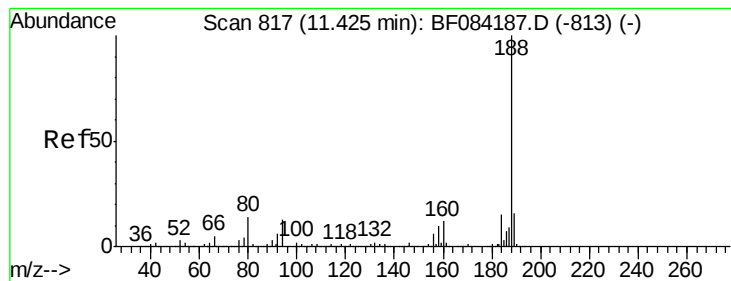
Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	77	Resp:	1125671
Ion Ratio	Lower	Upper	
77	100		
182	17.4	8.3	48.3
105	22.3	4.6	44.6
51	34.2	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

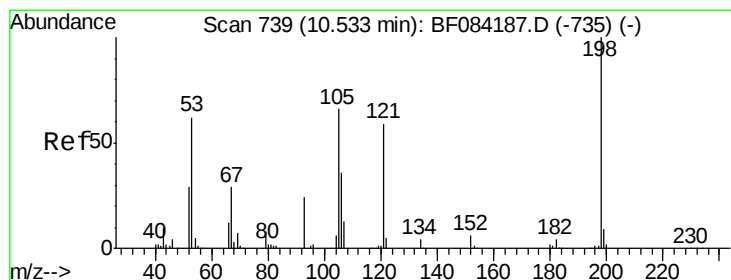
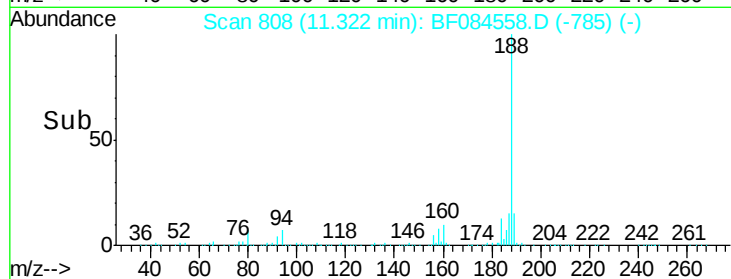
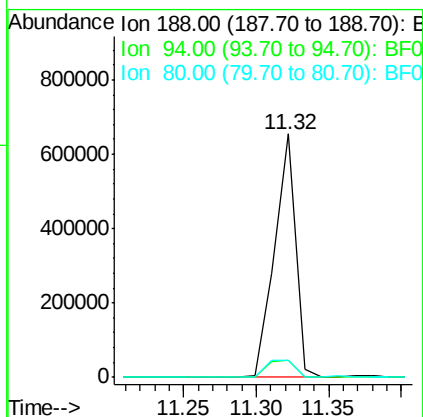
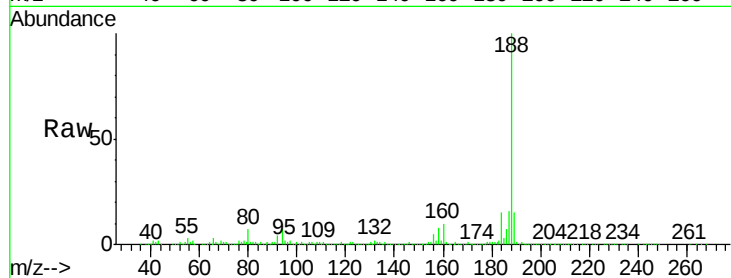
ClientSampleId :

SP-004(0-2)MS

Tot Ion:188	Resp:	661257
Ion Ratio	Lower	Upper
188 100		
94 7.1	9.0	13.4#
80 7.1	9.6	14.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.82 ng

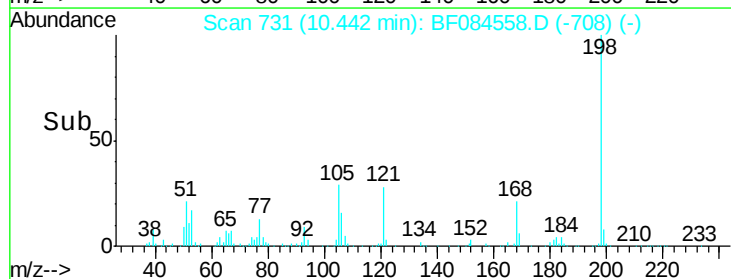
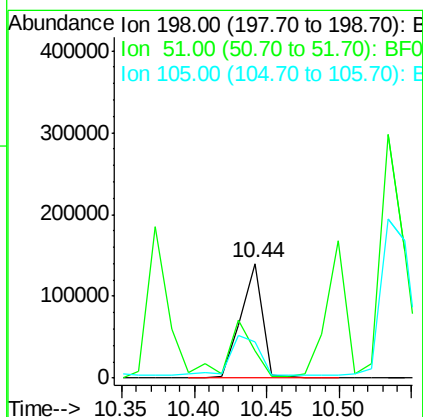
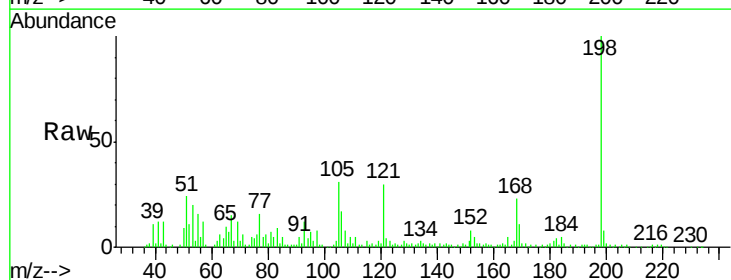
RT: 10.44 min Scan# 731

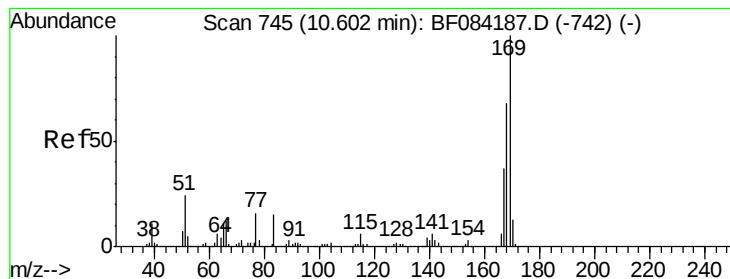
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:198	Resp:	148584
Ion Ratio	Lower	Upper
198 100		
51 23.7	18.9	58.9
105 31.5	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 42.76 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

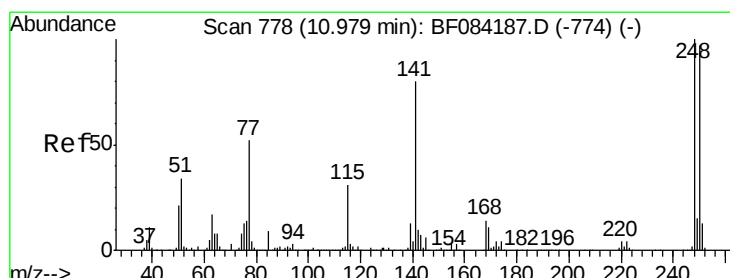
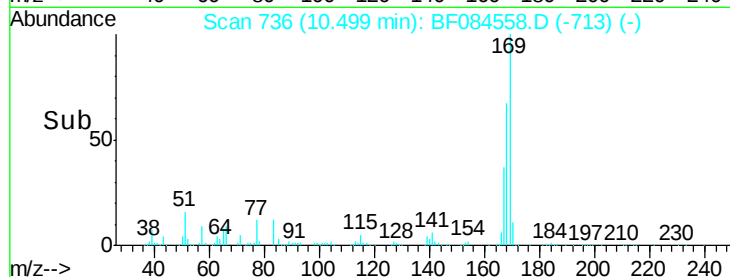
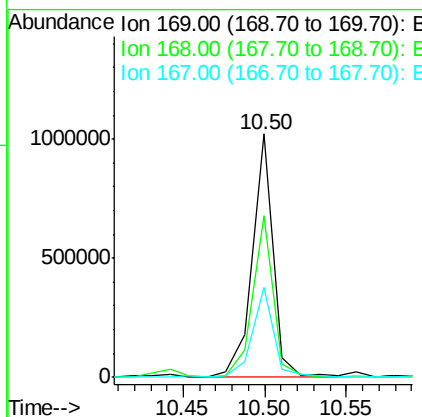
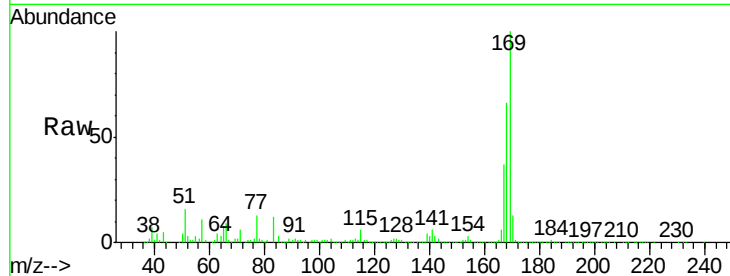
ClientSampled :

SP-004(0-2)MS

Tot Ion:	169	Resp:	904004
Ion Ratio	Lower	Upper	
169	100		
168	66.2	55.1	82.7
167	36.9	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 39.50 ng

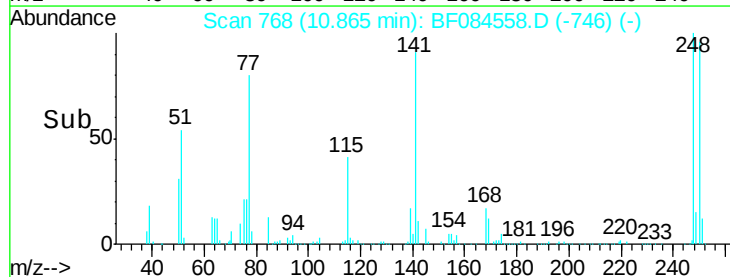
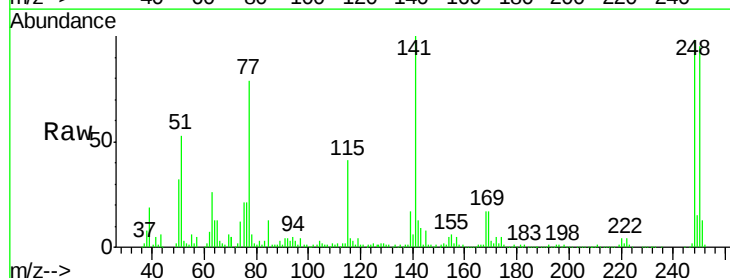
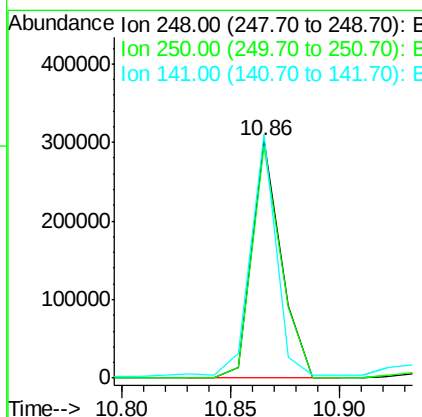
RT: 10.86 min Scan# 768

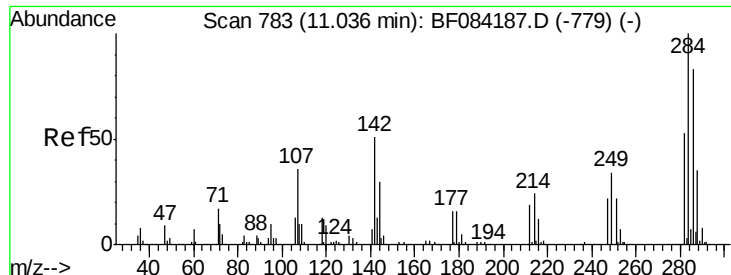
Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	248	Resp:	281156
Ion Ratio	Lower	Upper	
248	100		
250	97.3	78.4	117.6
141	102.1	44.0	66.0#





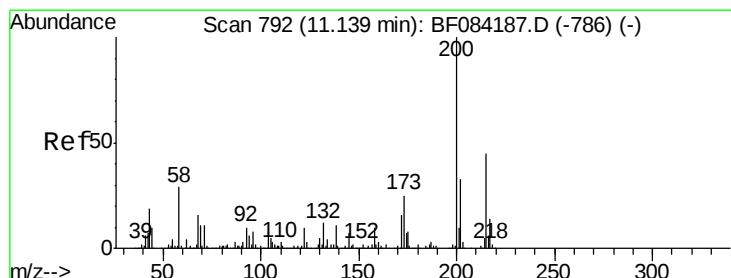
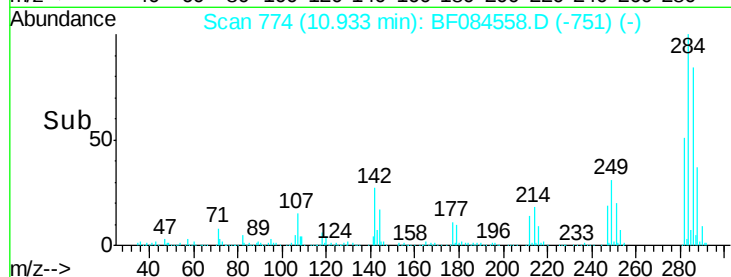
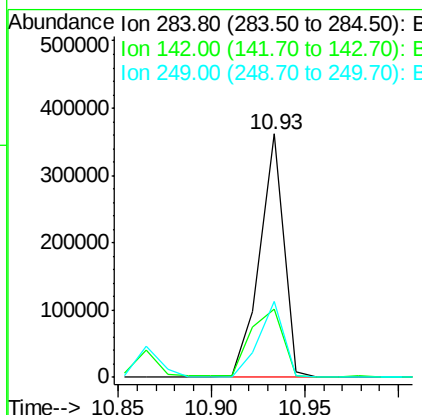
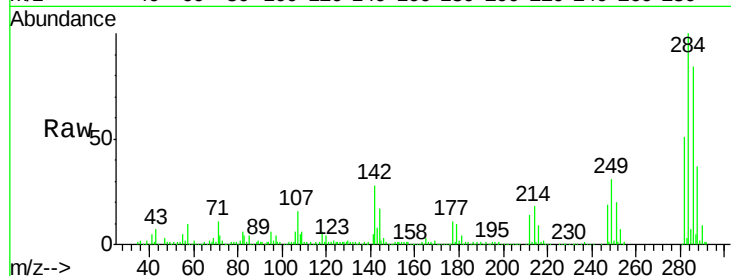
#67
Hexachlorobenzene
Concen: 40.17 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	27.8	22.2	33.4
249	31.2	24.6	37.0

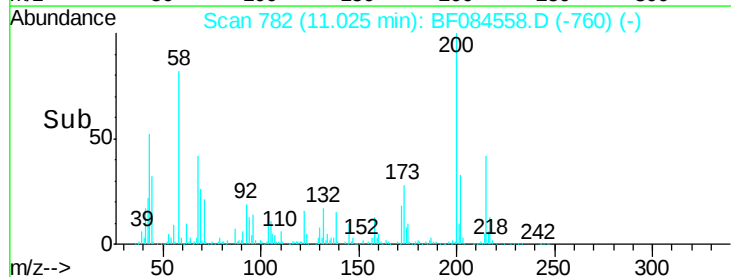
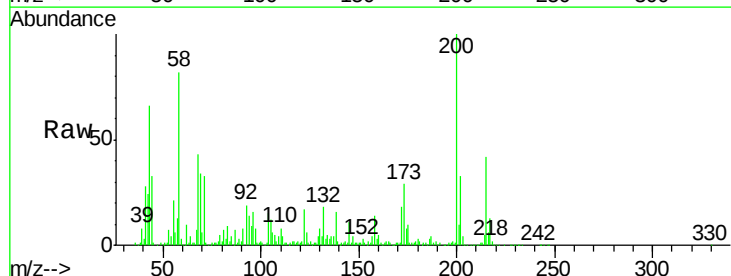
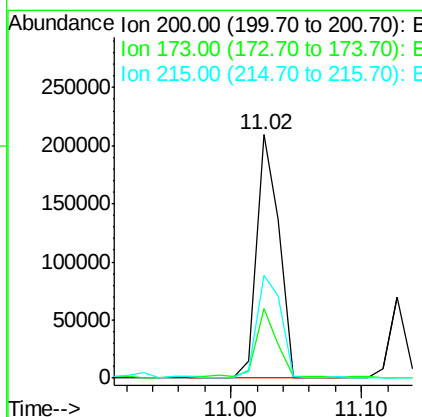
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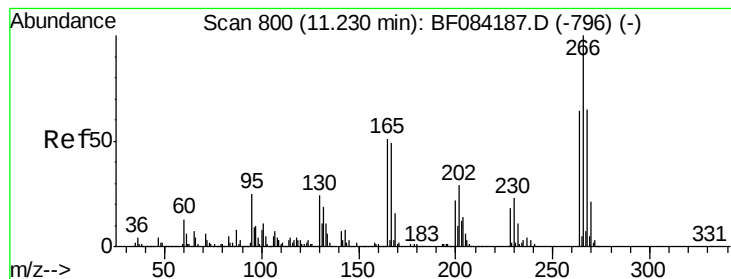
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#68
Atrazine
Concen: 36.17 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	9.5	49.5
215	42.0	23.8	63.8





#69

Pentachlorophenol

Concen: 68.62 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

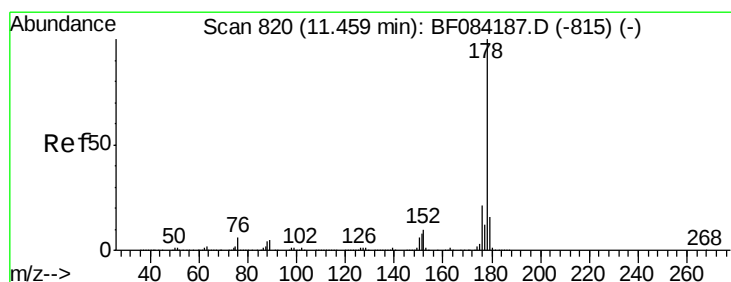
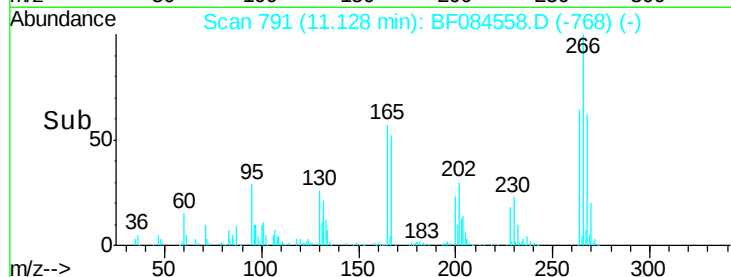
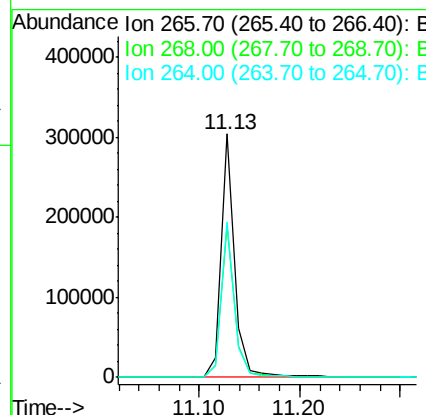
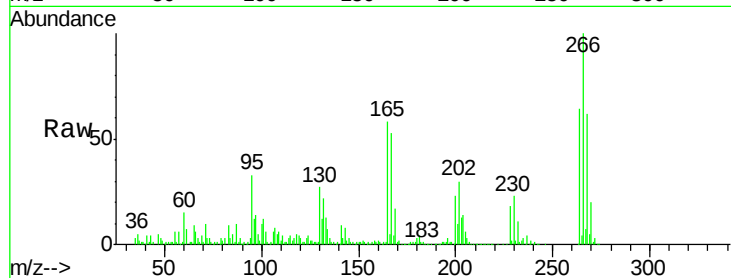
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	266	Resp:	285008
Ion Ratio	Lower	Upper	
266	100		
268	62.4	52.4	78.6
264	63.6	50.2	75.2

Manual Integrations
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#70

Phenanthrene

Concen: 42.69 ng

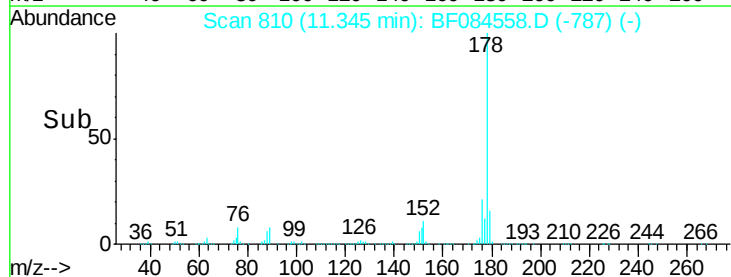
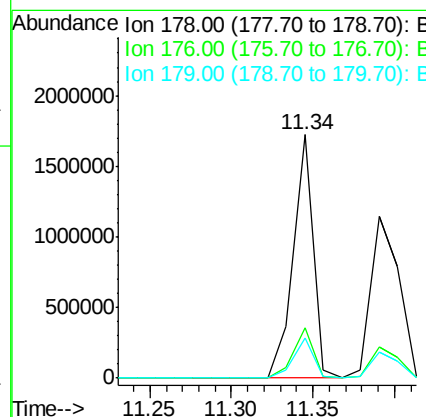
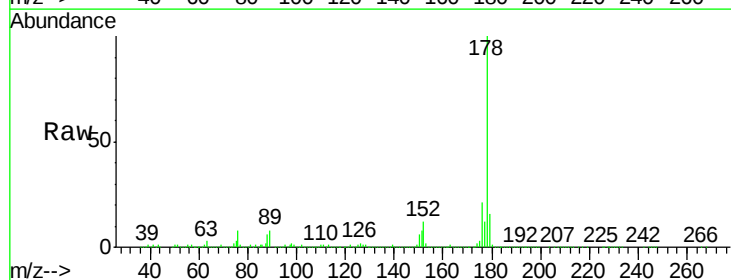
RT: 11.34 min Scan# 810

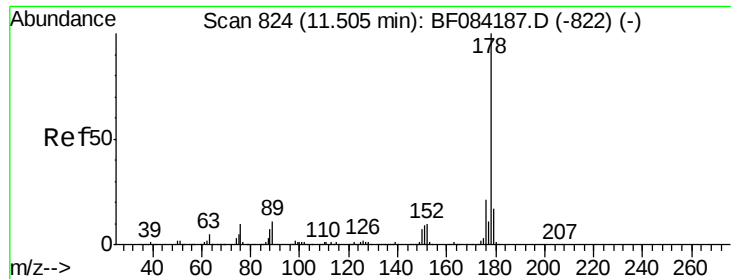
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	178	Resp:	1476616
Ion Ratio	Lower	Upper	
178	100		
176	20.7	15.3	22.9
179	16.4	12.0	18.0





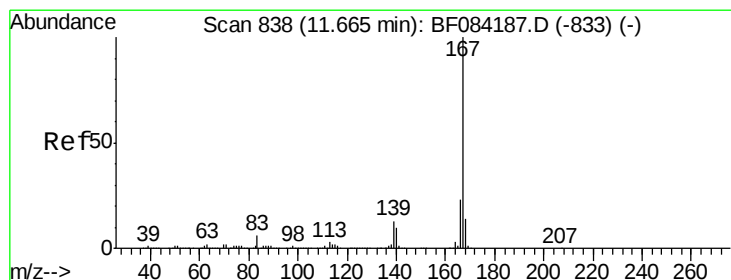
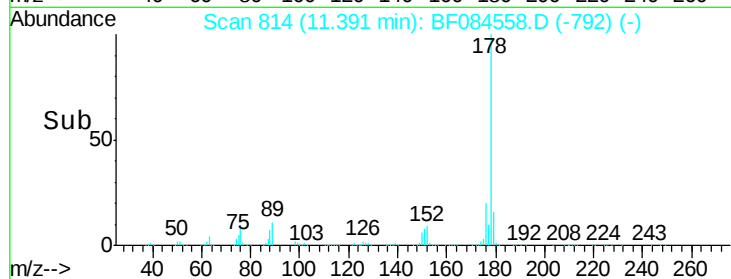
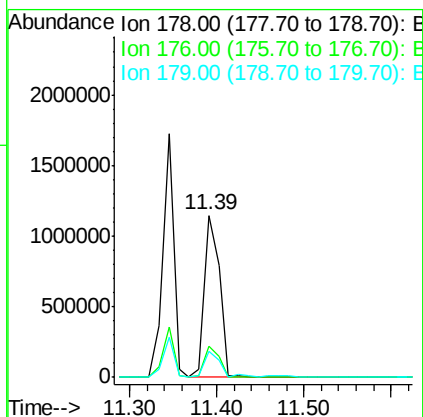
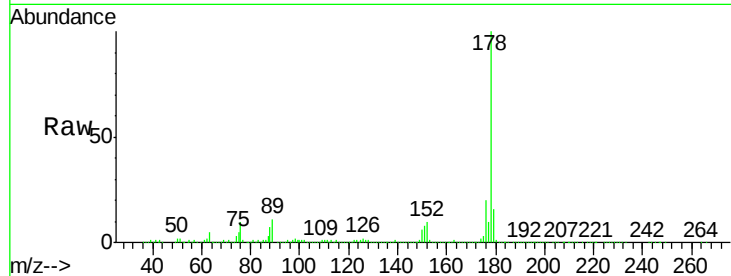
#71
 Anthracene
 Concen: 40.87 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Tot Ion:178 Resp: 1385838
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 16.1 12.5 18.7

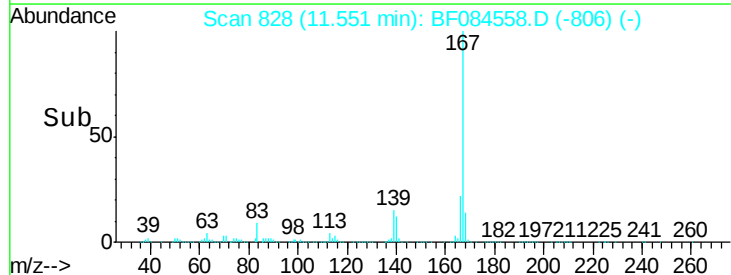
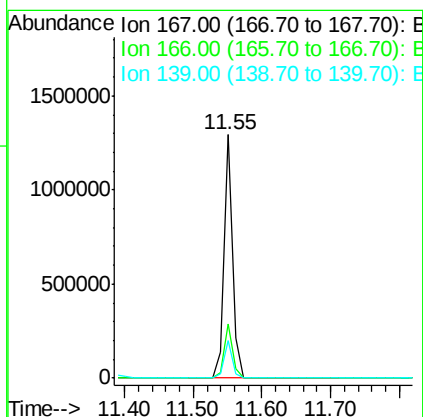
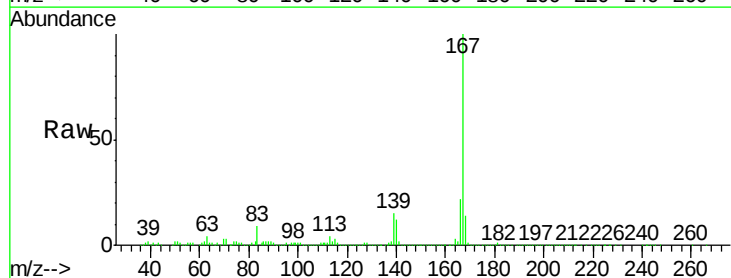
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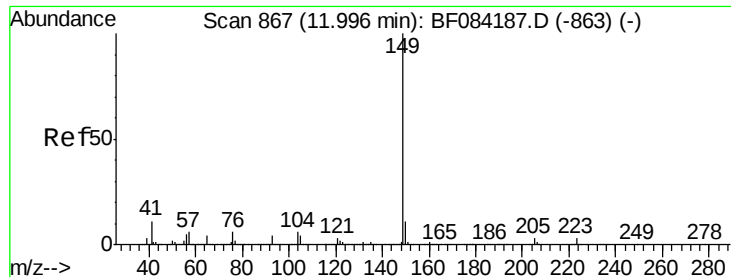
mohammad
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#72
 Carbazole
 Concen: 34.55 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF084558.D
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Tgt Ion:167 Resp: 1145326
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 15.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 47.00 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

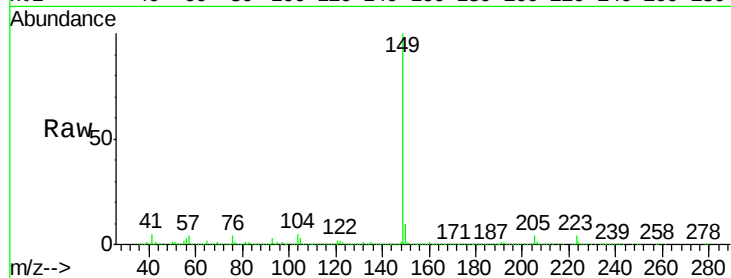
ClientSampleId :

SP-004(0-2)MS

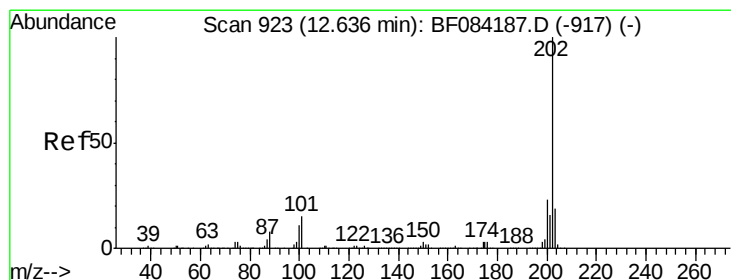
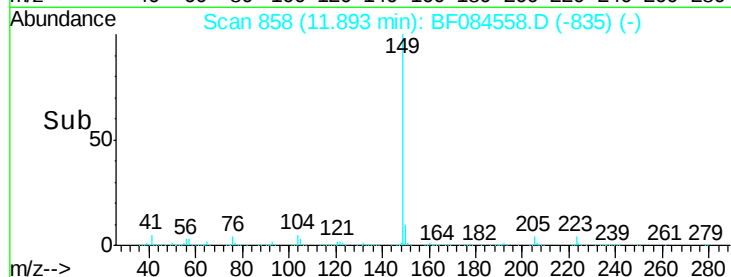
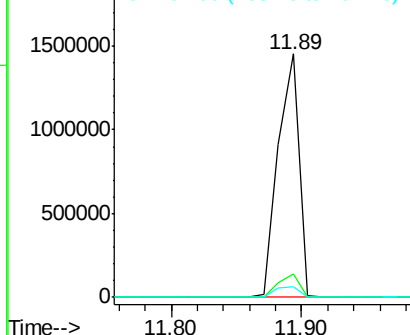
Tot Ion:	149	Resp:	1637411
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	4.6	3.2	4.8

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.76 ng

RT: 12.53 min Scan# 914

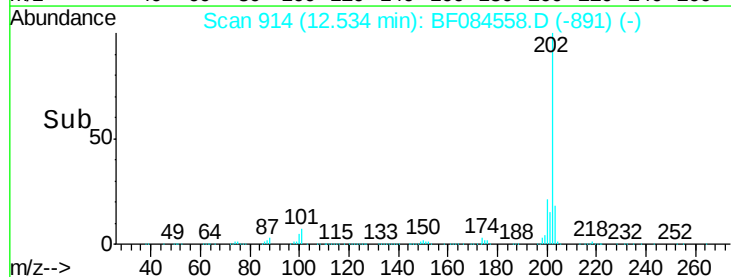
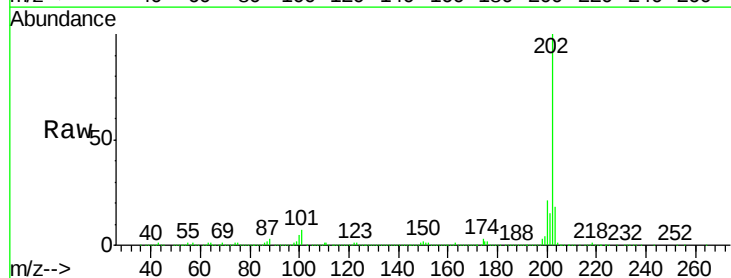
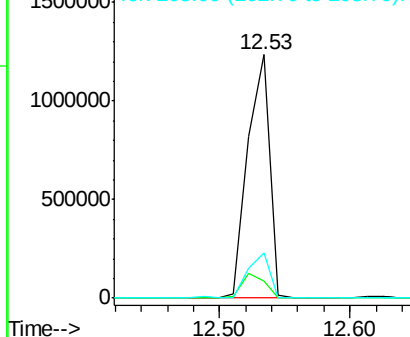
Delta R.T. -0.03 min

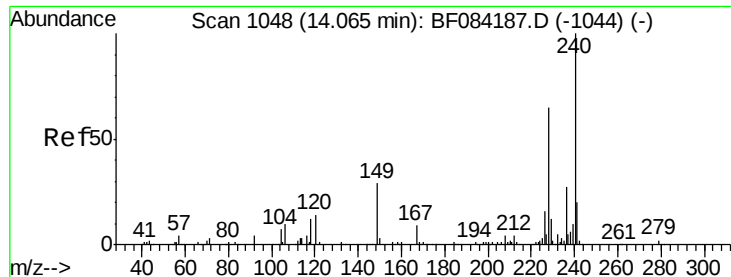
Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	202	Resp:	1436815
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	32.8
203	18.4	0.0	37.9

Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

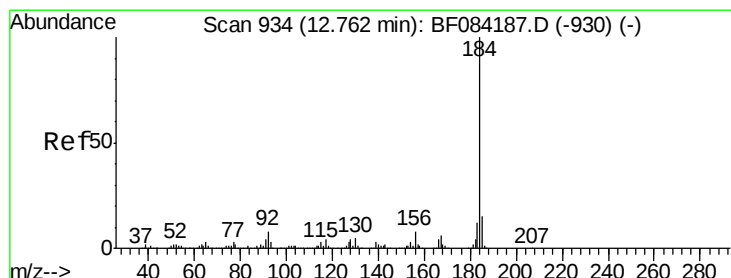
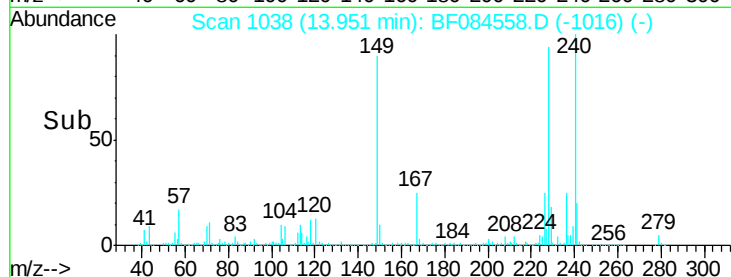
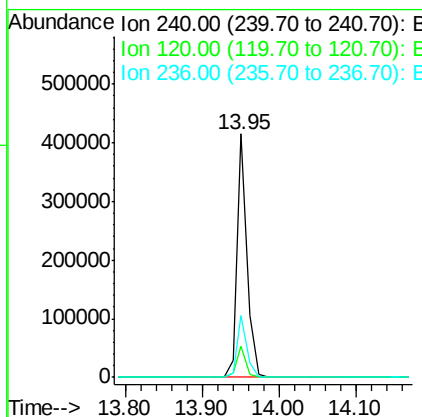
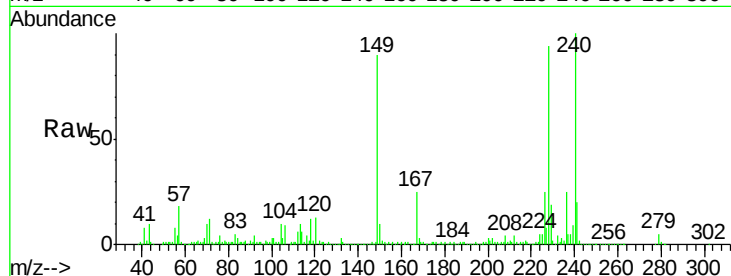
ClientSampleId :

SP-004(0-2)MS

Tot Ion:	240	Resp:	386063
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.4	20.6	31.0

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#76

Benzidine

Concen: 7.79 ng

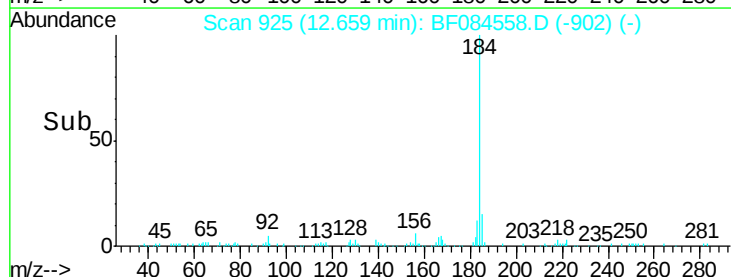
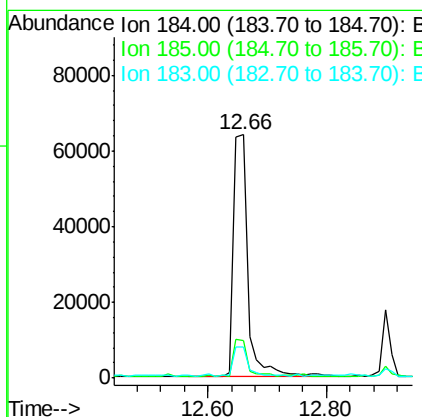
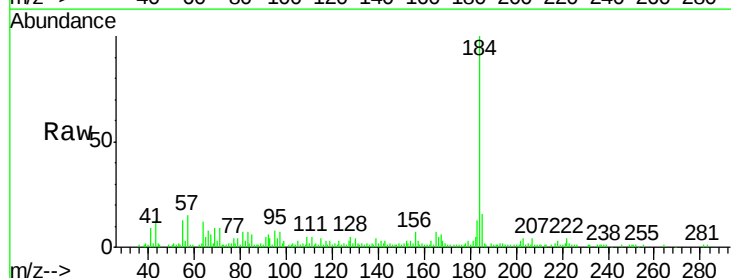
RT: 12.66 min Scan# 925

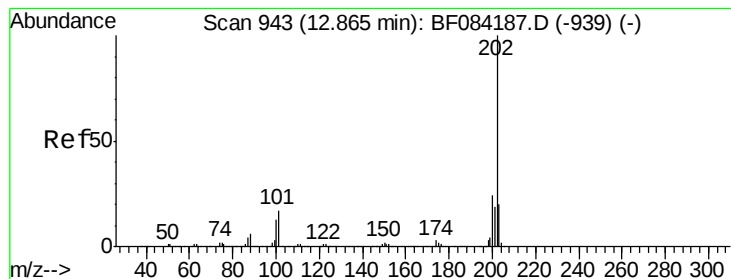
Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Tgt Ion:	184	Resp:	107784
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	12.8	9.8	14.8





#77

Pvrene

Concen: 45.32 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

Instrument :

BNA_F

ClientSampled :

SP-004(0-2)MS

Tot Ion:202 Resp: 1372953

Ion Ratio Lower Upper

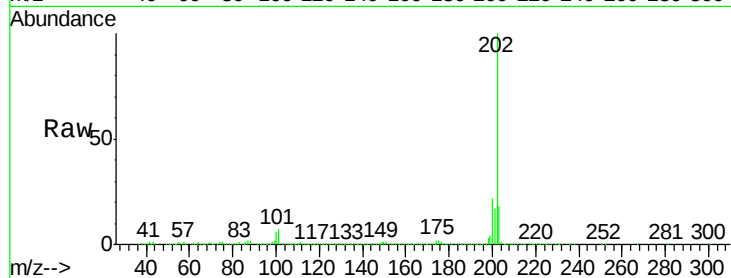
202 100

200 22.1 17.2 25.8

203 17.6 14.3 21.5

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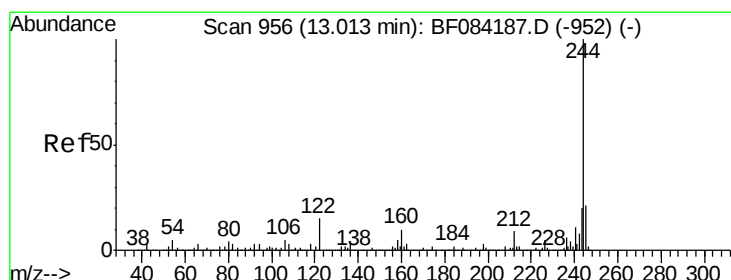
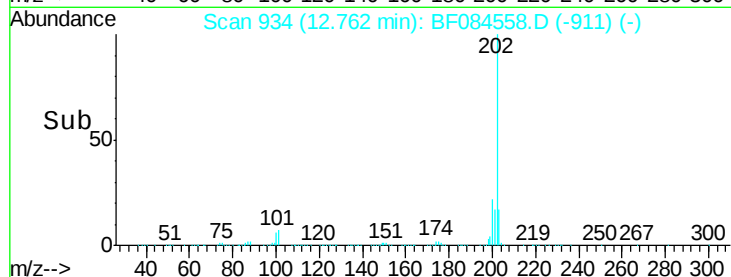
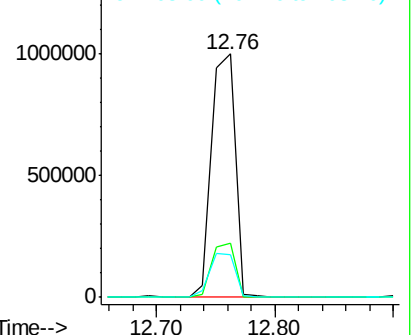
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.82 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF084558.D

Acq: 19 Jan 2016 18:01

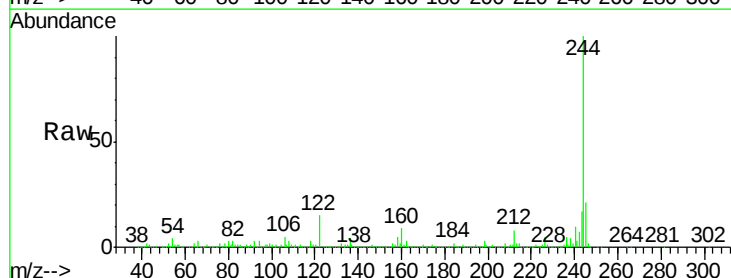
Tgt Ion:244 Resp: 1242173

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

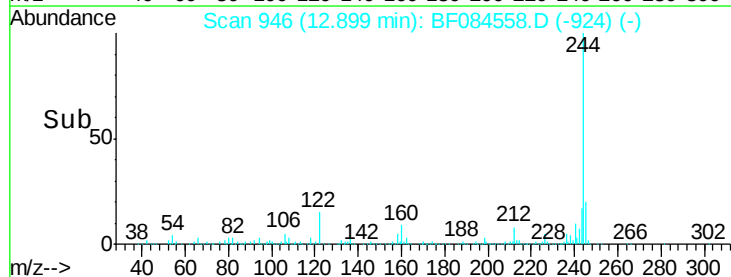
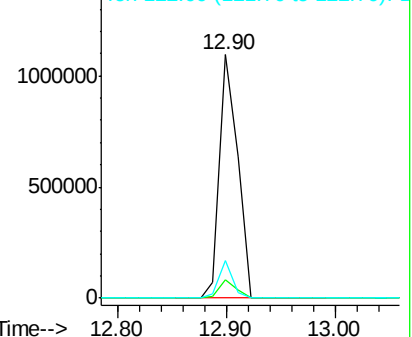
122 15.3 7.4 11.0#

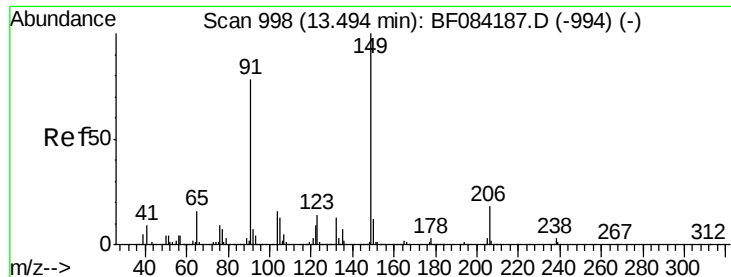


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





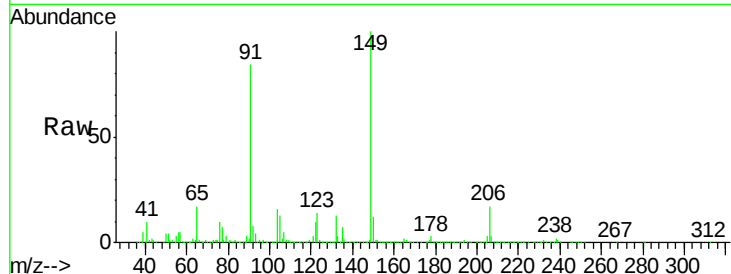
#79
Butylbenzylphthalate
Concen: 39.95 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

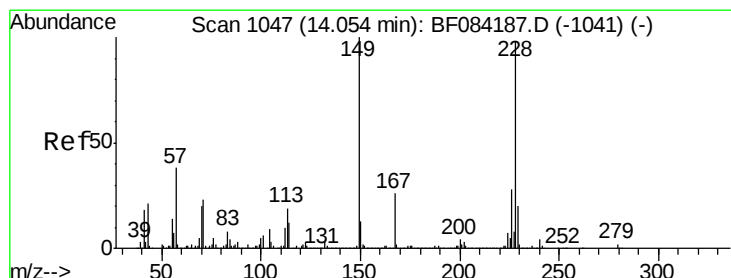
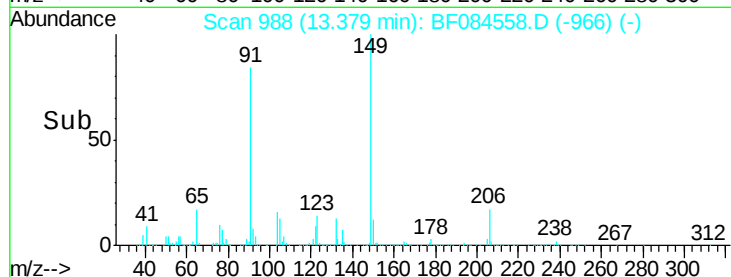
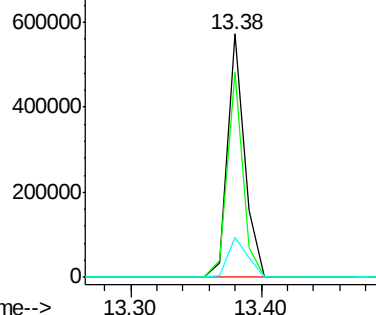
Tot Ion	Ratio	Resp	Lower	Upper
149	100	523703		
91	84.2		57.6	86.4
206	16.7		13.2	19.8

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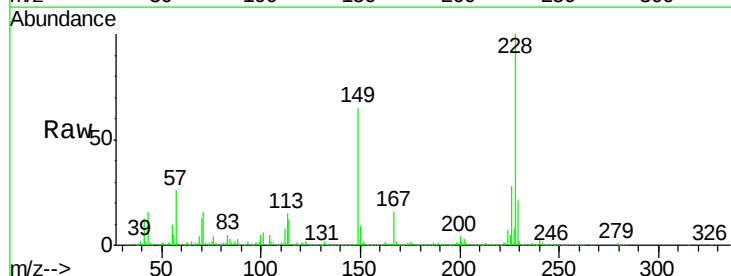


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

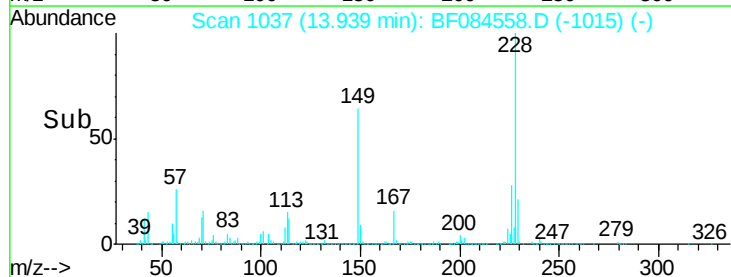
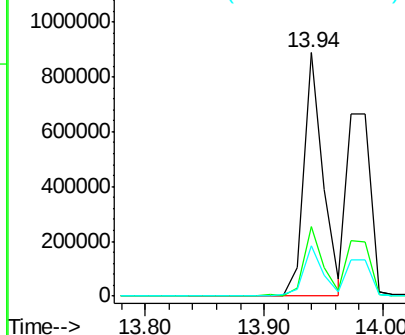


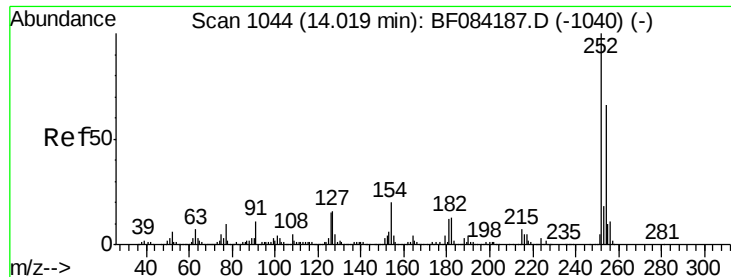
#80
Benzo(a)anthracene
Concen: 43.88 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	994782		
226	28.3		21.8	32.6
229	20.9		15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





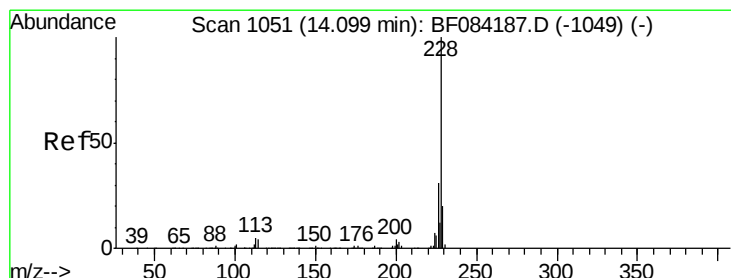
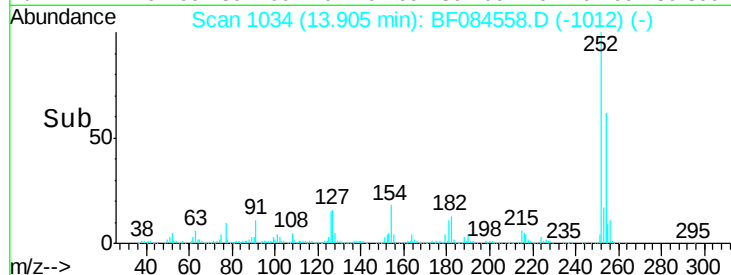
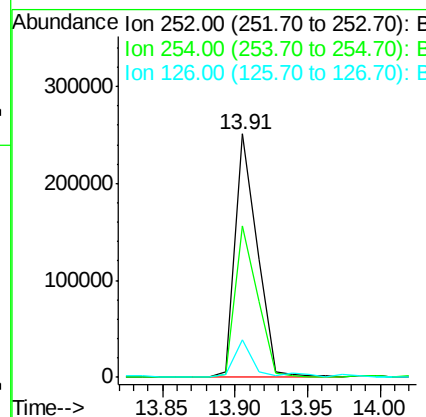
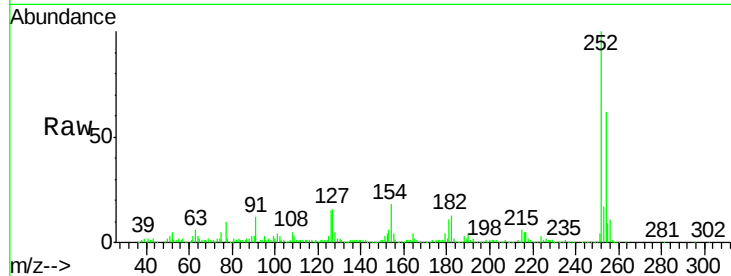
#81
 3,3'-Dichlorobenzidine
 Concen: 33.88 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	53.5	80.3
126	15.4	4.9	7.3#

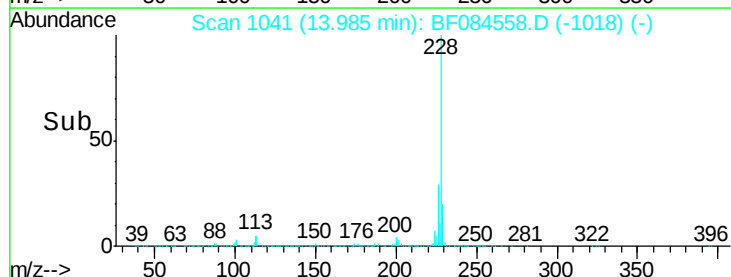
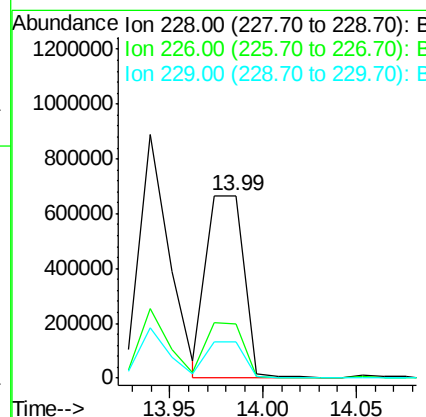
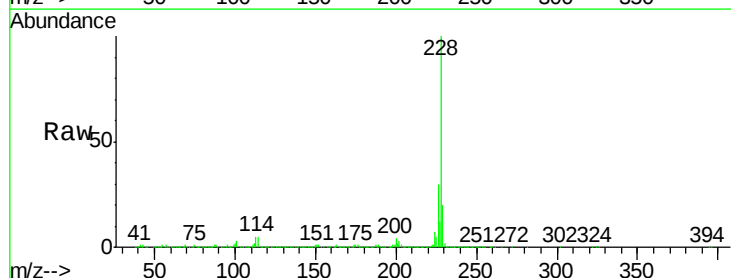
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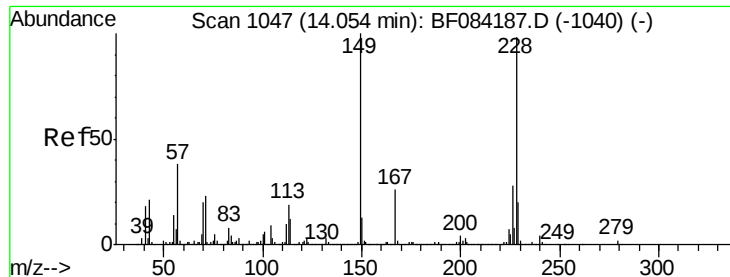
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#82
 Chrysene
 Concen: 42.32 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.9	16.1	24.1





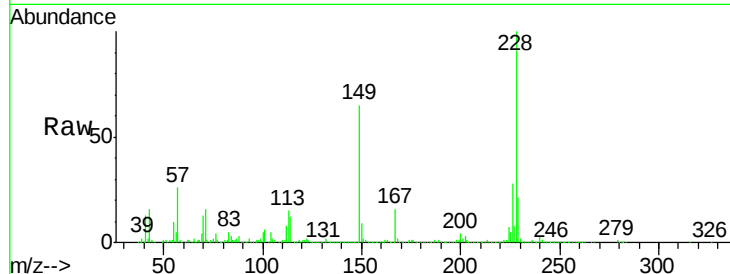
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.54 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

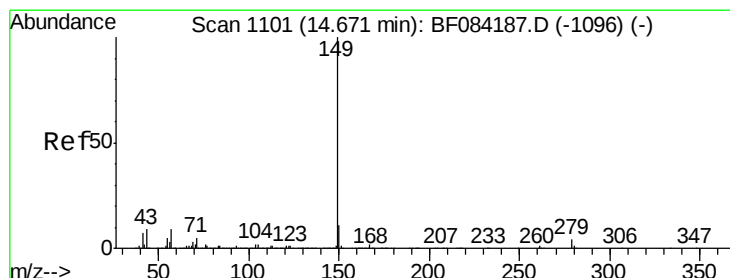
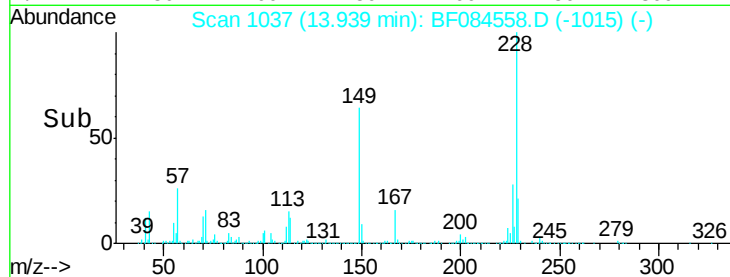
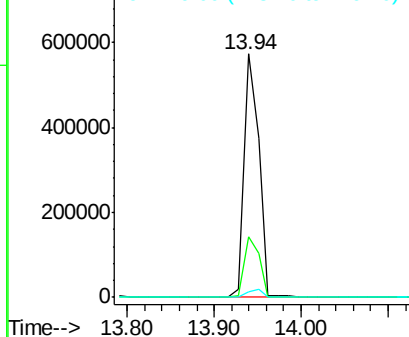
Tot Ion	Ratio	Resp	Lower	Upper
149	100	671498		
167	25.0	19.7	29.5	
279	2.1	1.8	2.6	

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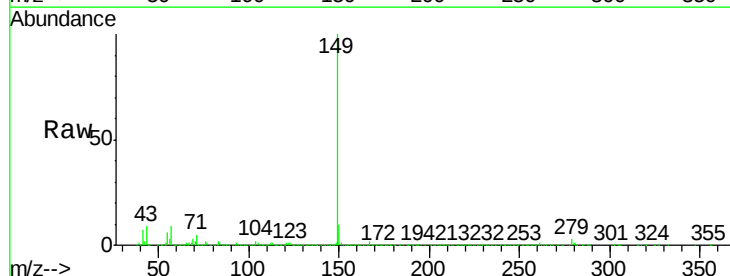


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

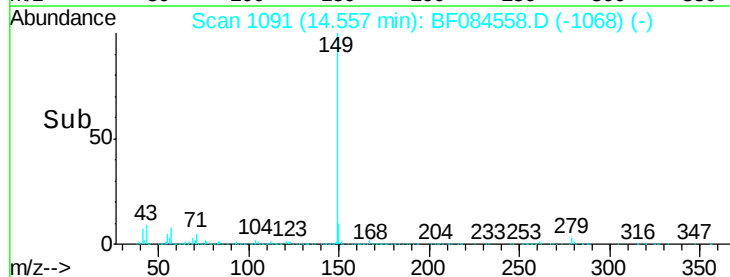
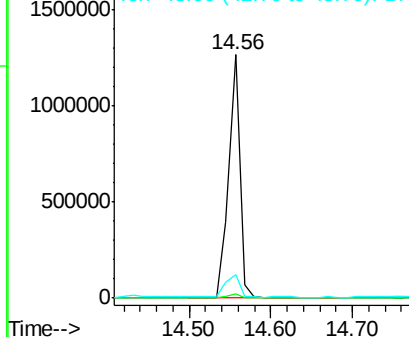


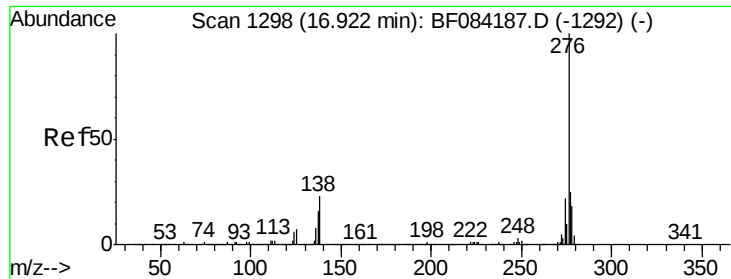
#84
 Di-n-octyl phthalate
 Concen: 42.65 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.03 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1192579		
167	1.7	1.2	1.8	
43	11.5	5.6	8.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





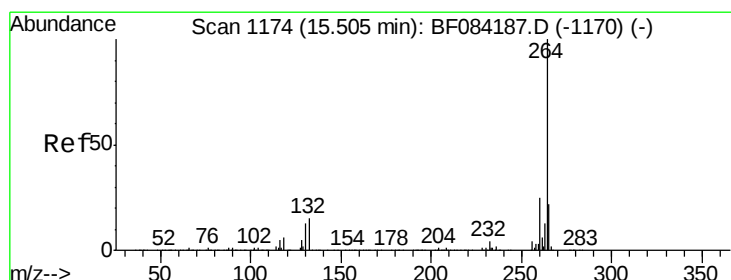
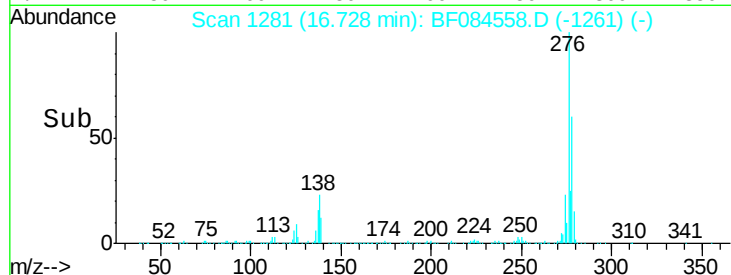
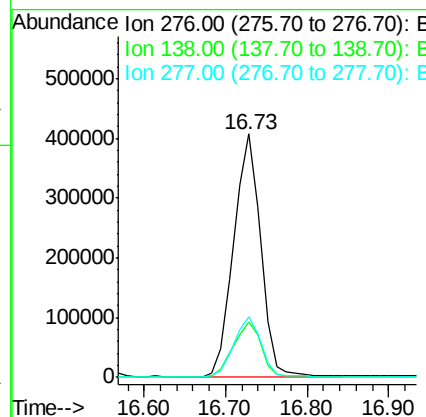
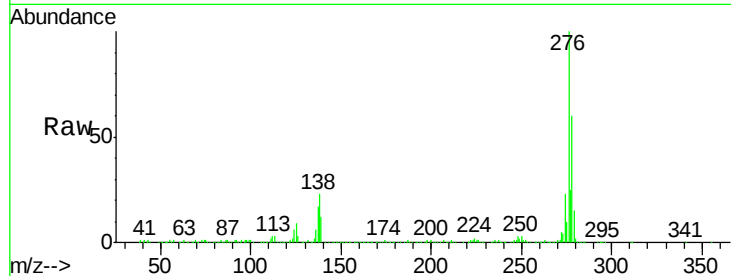
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.55 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.07 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.6	30.8
277	25.3	20.1	30.1

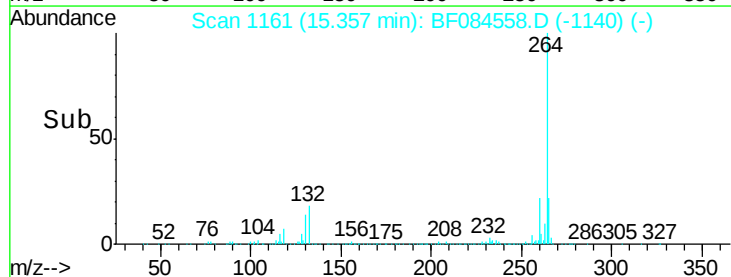
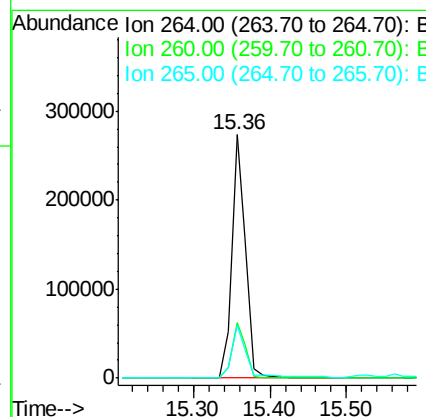
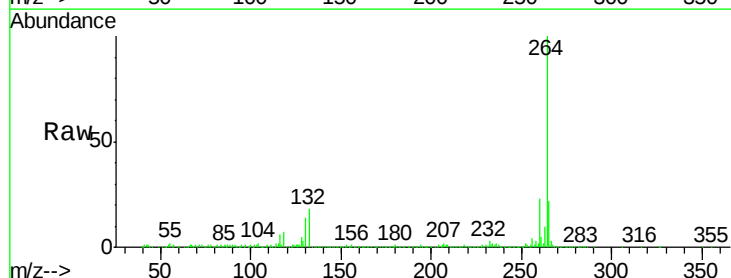
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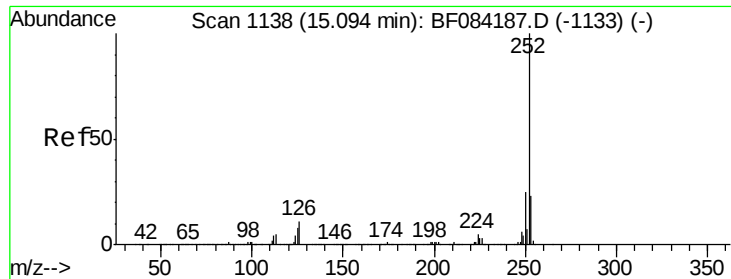
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.2
265	21.7	17.8	26.6





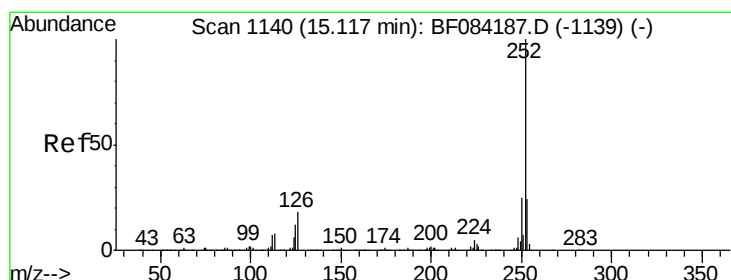
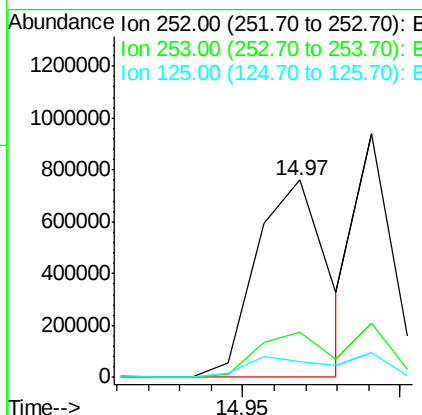
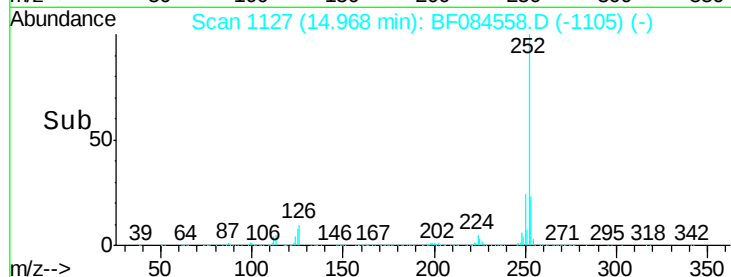
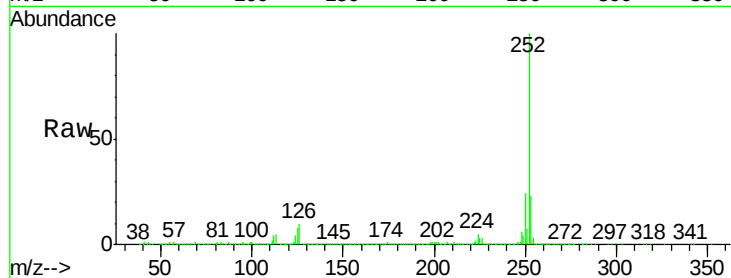
#87
Benzo(b)fluoranthene
Concen: 52.21 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion:252 Resp: 1192080
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 8.1 6.5 9.7

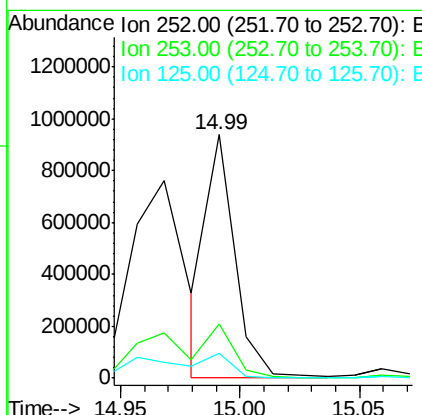
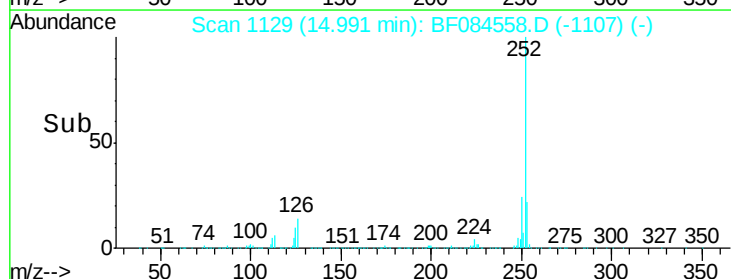
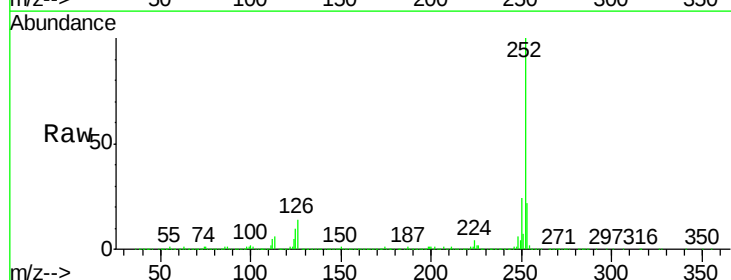
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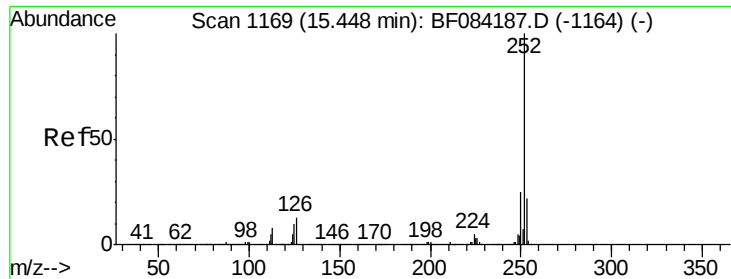
mohammad
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#88
Benzo(k)fluoranthene
Concen: 41.54 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:252 Resp: 775682
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.0 9.0 13.6





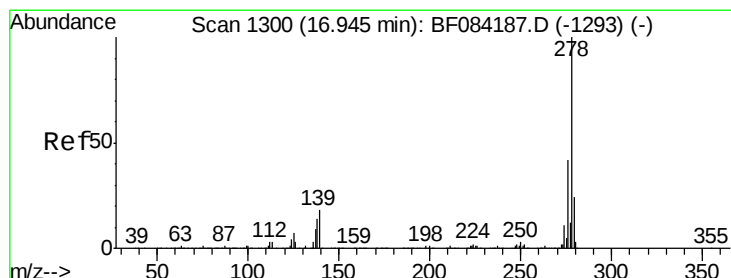
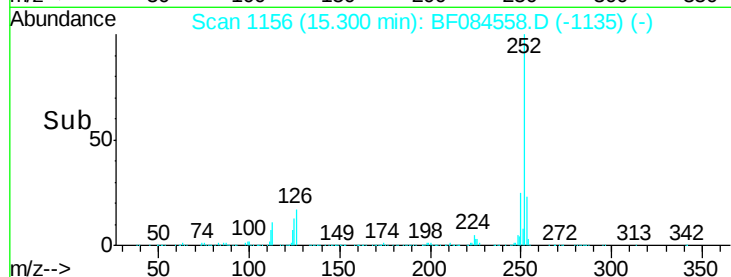
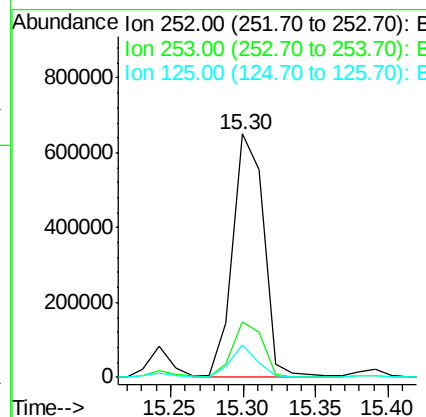
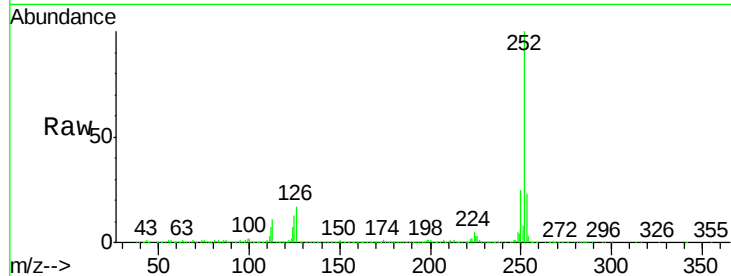
#89
Benzo(a)pyrene
Concen: 49.72 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	13.2	7.0	10.4

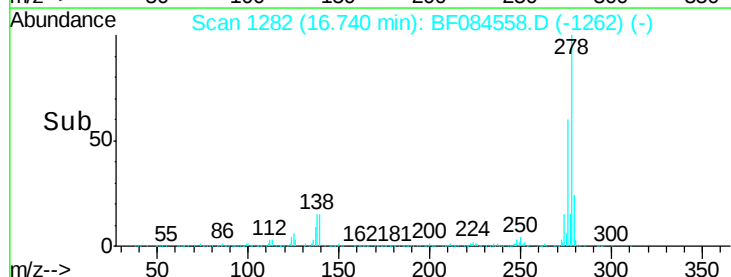
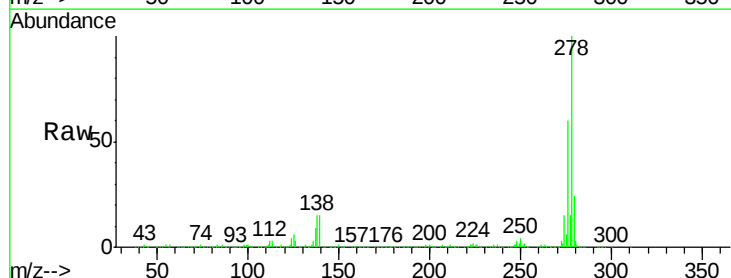
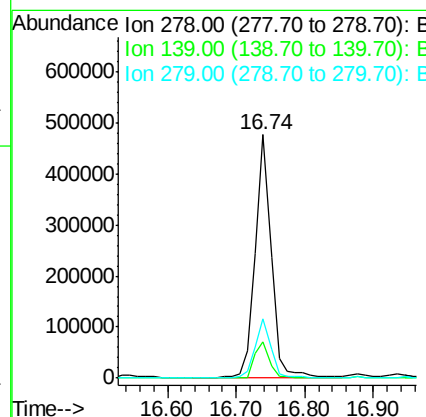
Manual Integrations
APPROVED

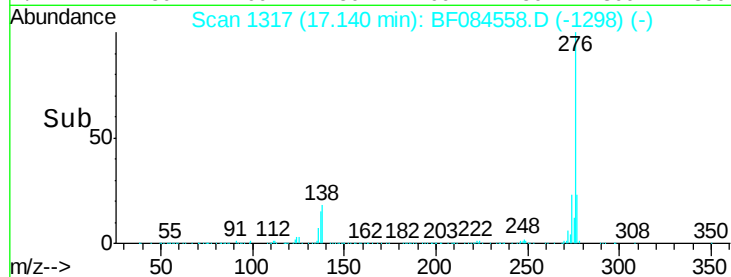
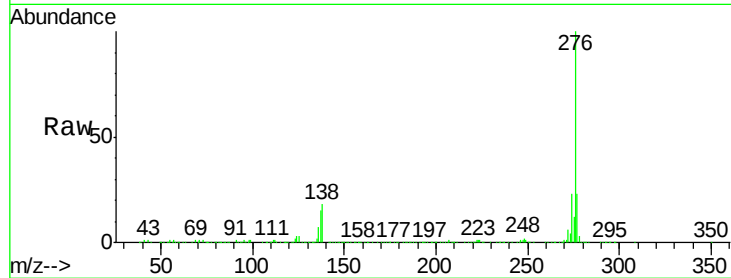
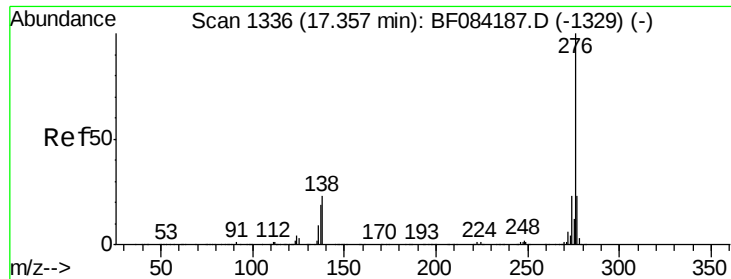
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#90
Dibenzo(a,h)anthracene
Concen: 45.72 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.0	22.4
279	24.3	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 44.85 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.08 min
 Lab File: BF084558.D
 Acq: 19 Jan 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.9	18.8	28.2
138	18.3	17.8	26.6

Manual Integrations
 APPROVED

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