

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084246.D
 Acq On : 4 Jan 2016 18:35
 Operator : UM/SJ
 Sample : PB87615BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

Manual Integrations
 APPROVED

Sohil
 1/5/2016 1:41:15 PM

Quant Time: Jan 05 02:47:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	269228	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1104175	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	530908	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	967558	20.00	ng	0.00
75) Chrysene-d12	14.05	240	551729	20.00	ng	-0.01
86) Perylene-d12	15.49	264	531877	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1807030	108.56	ng	0.02
7) Phenol-d6	6.54	99	2321842	111.07	ng	0.01
23) Nitrobenzene-d5	7.46	82	1510740	76.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	581145	108.42	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2747785	91.53	ng	0.00
78) Terphenyl-d14	13.00	244	2305670	93.28	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	269844	34.22	ng	# 74
3) Pyridine	3.36	79	735840	33.47	ng	# 73
4) n-Nitrosodimethylamine	3.30	42	452956	40.14	ng	# 82
6) Aniline	6.56	93	644817	21.09	ng	# 1
8) 2-Chlorophenol	6.68	128	758897	40.19	ng	# 89
9) Benzaldehyde	6.44	77	206314	15.16	ng	# 87
10) Phenol	6.56	94	927079	39.00	ng	# 86
11) bis(2-Chloroethyl)ether	6.64	93	796369	43.25	ng	# 93
12) 1,3-Dichlorobenzene	6.83	146	770619	39.56	ng	# 93
13) 1,4-Dichlorobenzene	6.91	146	826316	42.30	ng	# 95
14) 1,2-Dichlorobenzene	7.06	146	701753	37.51	ng	# 95
15) Benzyl Alcohol	7.04	79	691650	39.33	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1257713	37.51	ng	# 89
17) 2-Methylphenol	7.16	107	644565	40.72	ng	# 91
18) Hexachloroethane	7.40	117	311119	39.83	ng	# 94
19) n-Nitroso-di-n-propylamine	7.31	70	534045	37.74	ng	# 68
20) 3+4-Methylphenols	7.31	107	802239	43.12	ng	# 55
22) Acetophenone	7.31	105	1092275	41.14	ng	# 93
24) Nitrobenzene	7.48	77	906798	45.06	ng	# 94
25) Isophorone	7.72	82	1515750	39.95	ng	# 98
26) 2-Nitrophenol	7.79	139	401853	43.88	ng	# 76
27) 2,4-Dimethylphenol	7.85	122	789891	42.61	ng	# 90
28) bis(2-Chloroethoxy)methane	7.93	93	936773	40.42	ng	# 98
29) 2,4-Dichlorophenol	8.04	162	644238	41.72	ng	# 97
30) 1,2,4-Trichlorobenzene	8.12	180	685923	43.03	ng	# 96
31) Naphthalene	8.20	128	2114597	42.21	ng	# 99
32) Benzoic acid	7.97	122	489987	41.99	ng	# 97
33) 4-Chloroaniline	8.25	127	312817	13.62	ng	# 97
34) Hexachlorobutadiene	8.32	225	378148	41.27	ng	# 98
35) Caprolactam	8.64	113	218304m	41.94	ng	# 99
36) 4-Chloro-3-methylphenol	8.75	107	758683	43.86	ng	# 99
37) 2-Methylnaphthalene	8.90	142	1511360	42.03	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	612579	40.14	ng	# 96
40) Hexachlorocyclopentadiene	9.05	237	718376	77.97	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	445303	39.00	nq	96
43) 2,4,5-Trichlorophenol	9.22	196	437002	39.92	nq	# 84
45) 1,1'-Biphenyl	9.36	154	1673025	39.65	nq	98
46) 2-Chloronaphthalene	9.38	162	1319971	39.83	nq	97
47) 2-Nitroaniline	9.48	65	445958	40.77	nq	98
48) Acenaphthylene	9.80	152	2130746	43.51	nq	96
49) Dimethylphthalate	9.66	163	1509500	39.77	nq	# 90
50) 2,6-Dinitrotoluene	9.72	165	318714	38.29	nq	# 40
51) Acenaphthene	9.97	154	1592762	48.49	nq	97
52) 3-Nitroaniline	9.89	138	222913	21.61	nq	92
53) 2,4-Dinitrophenol	10.00	184	318592	89.41	nq	# 77
54) Dibenzofuran	10.14	168	1853598	43.47	nq	92
55) 4-Nitrophenol	10.08	139	639368	85.39	nq	# 87
56) 2,4-Dinitrotoluene	10.12	165	475317	45.11	nq	# 78
57) Fluorene	10.49	166	1468381	44.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	360158	38.54	nq	93
59) Diethylphthalate	10.36	149	1487500	39.75	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	611112	43.82	nq	91
61) 4-Nitroaniline	10.51	138	339103	36.88	nq	95
62) Azobenzene	10.64	77	1684592	41.04	nq	88
64) 4,6-Dinitro-2-methylphenol	10.53	198	242625	41.06	nq	83
65) n-Nitrosodiphenylamine	10.60	169	1333943	43.12	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	425208	40.83	nq	# 81
67) Hexachlorobenzene	11.04	284	483747	41.27	nq	# 86
68) Atrazine	11.13	200	387234	38.25	nq	97
69) Pentachlorophenol	11.23	266	435291	71.62	nq	99
70) Phenanthrene	11.45	178	2125423	42.00	nq	96
71) Anthracene	11.49	178	2119982	42.73	nq	98
72) Carbazole	11.65	167	1651819	34.06	nq	97
73) Di-n-butylphthalate	11.99	149	2178360	41.38	nq	# 95
74) Fluoranthene	12.64	202	2125189	40.20	nq	94
76) Benzidine	12.75	184	440410	22.26	nq	98
77) Pyrene	12.87	202	2091332	48.30	nq	99
79) Butylbenzylphthalate	13.48	149	787463	42.03	nq	89
80) Benzo(a)anthracene	14.04	228	1399097	43.19	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	299494	26.49	nq	# 94
82) Chrysene	14.09	228	1374077	44.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	914420	38.63	nq	99
84) Di-n-octyl phthalate	14.66	149	1629470	40.78	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.92	276	1510043	61.19	nq	99
87) Benzo(b)fluoranthene	15.08	252	1363587	39.19	nq	97
88) Benzo(k)fluoranthene	15.12	252	1296313m	45.56	nq	
89) Benzo(a)pyrene	15.44	252	1276702	43.26	nq	# 96
90) Dibenzo(a,h)anthracene	16.95	278	1244454	49.01	nq	# 94
91) Benzo(g,h,i)perylene	17.35	276	1258351	47.85	nq	98

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

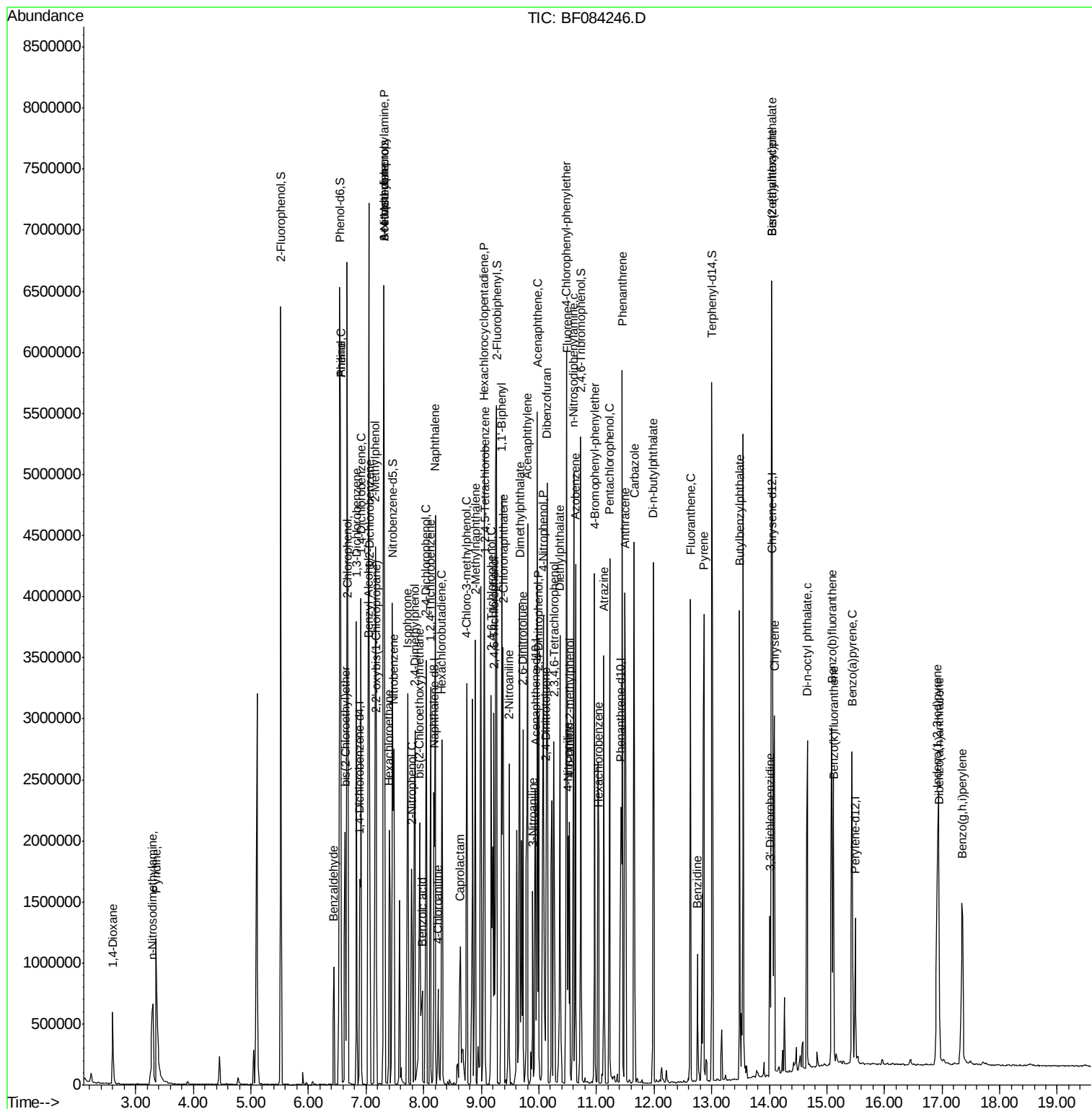
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampled :

PB87615BS

Tot Ion:152 Resp: 269228

Ion Ratio Lower Upper

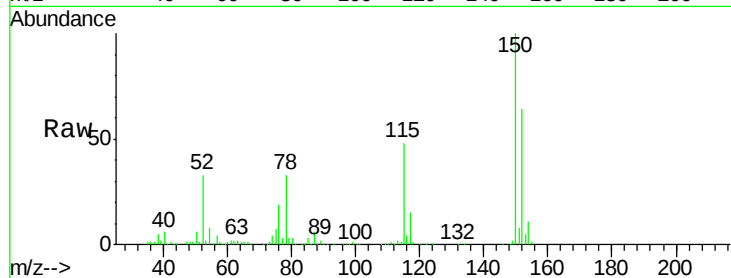
152 100

150 156.2 123.0 184.4

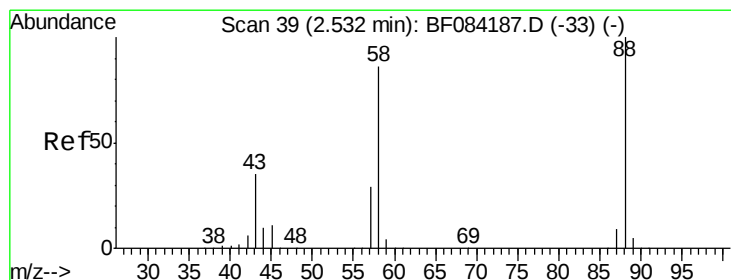
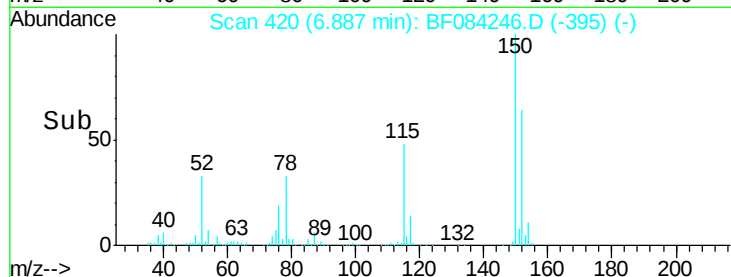
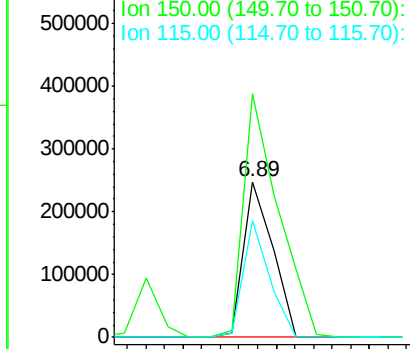
115 74.7 51.4 77.2

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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: 34.22 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.07 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

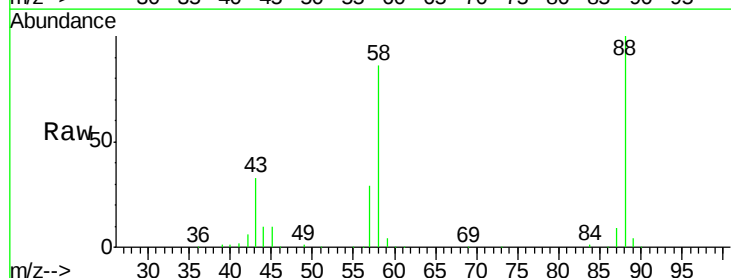
Tgt Ion: 88 Resp: 269844

Ion Ratio Lower Upper

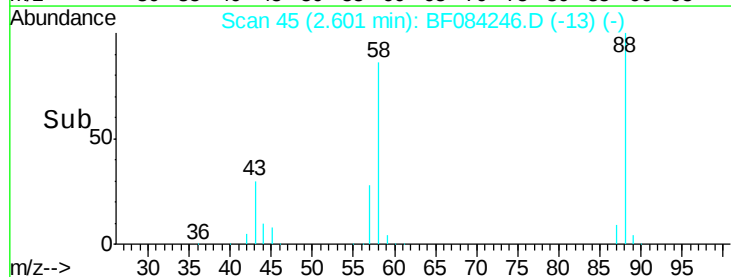
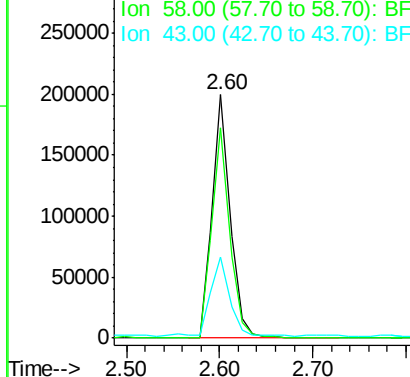
88 100

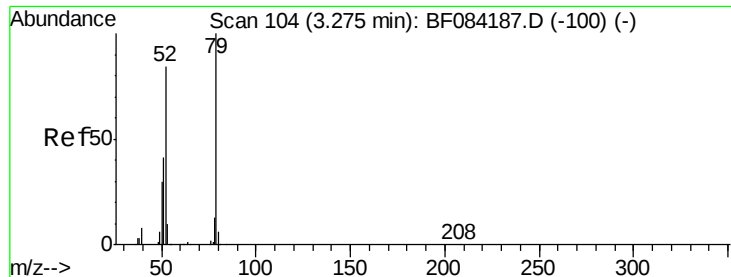
58 86.1 51.2 76.8#

43 34.4 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: 33.47 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.08 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

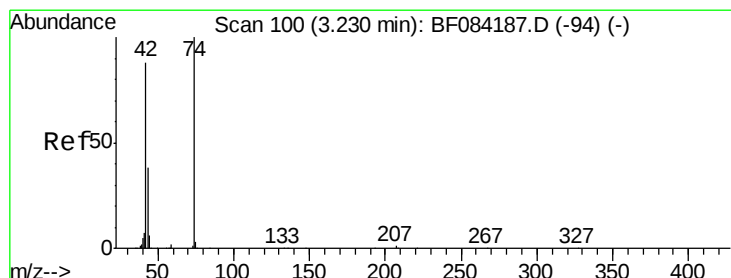
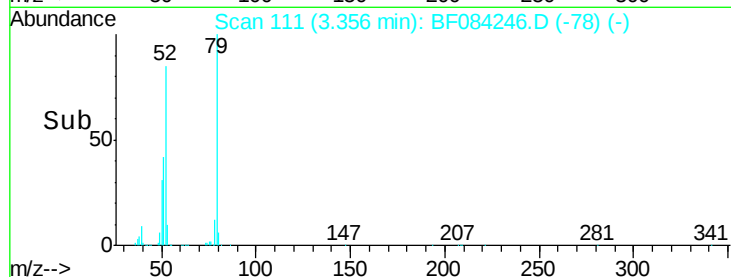
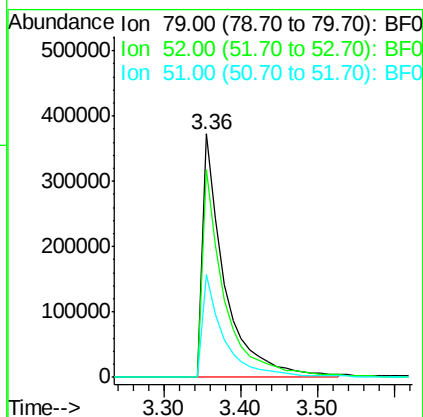
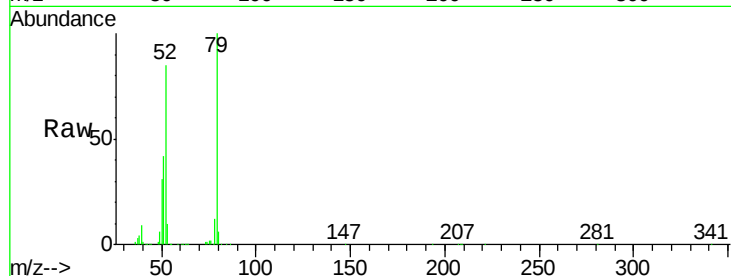
PB87615BS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	85.2	49.0	73.4#
51	42.1	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 40.14 ng

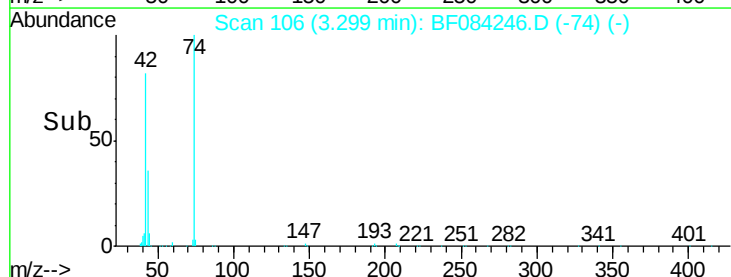
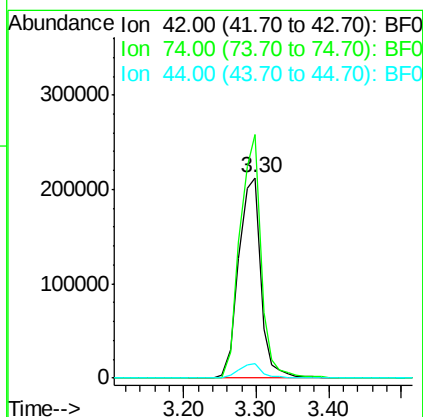
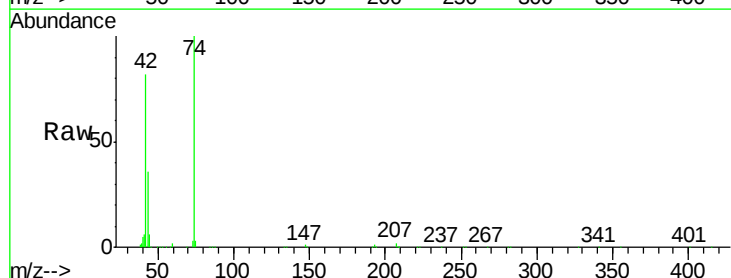
RT: 3.30 min Scan# 106

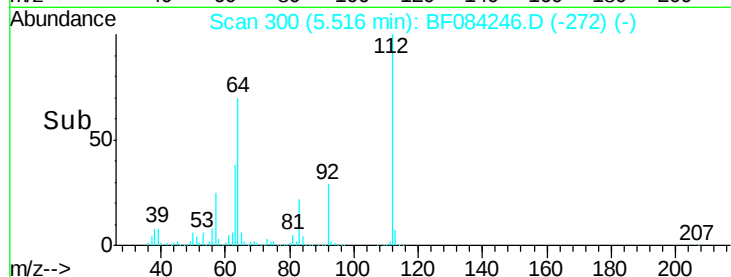
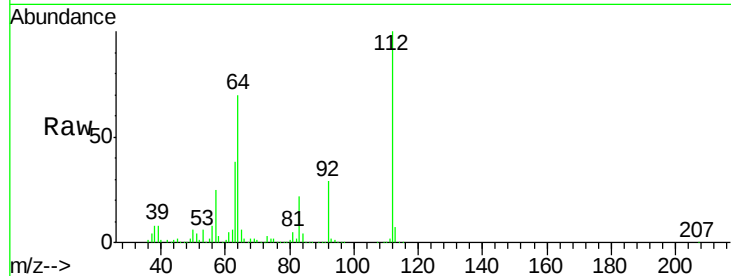
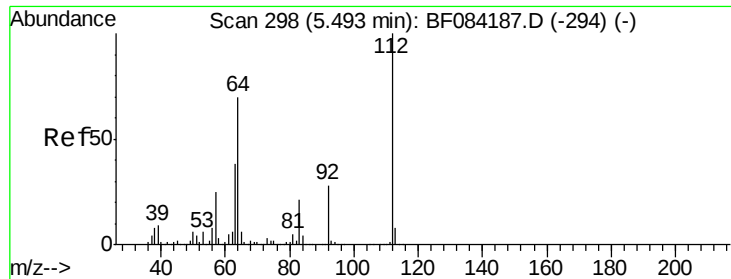
Delta R.T. 0.07 min

Lab File: BF084246.D

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.5	115.7	173.5
44	7.4	5.1	7.7





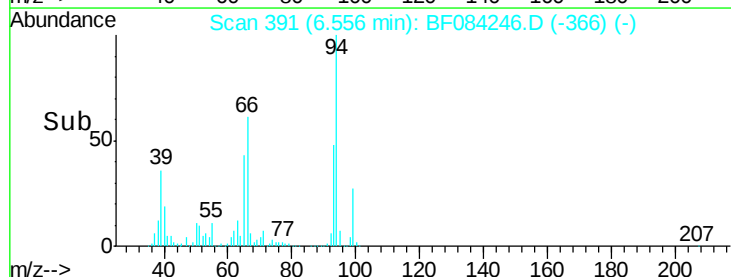
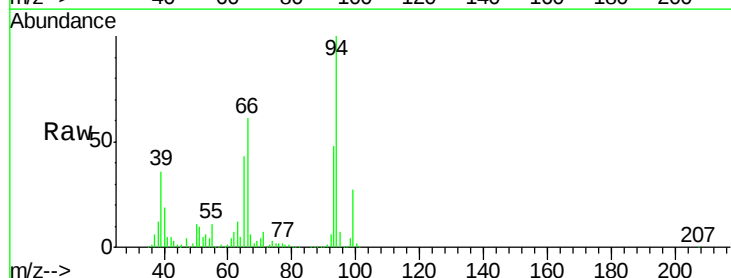
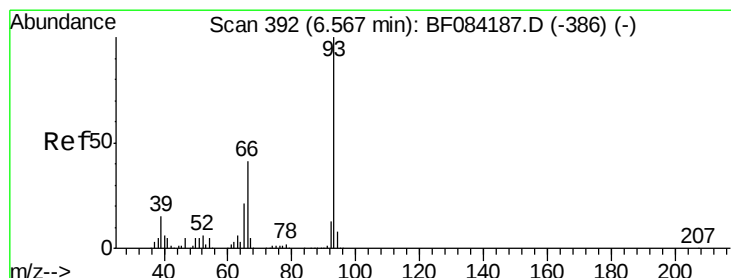
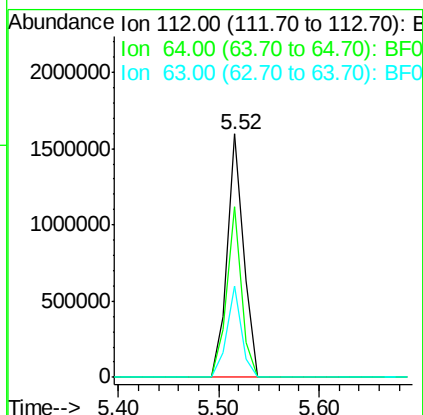
#5
2-Fluorophenol
Concen: 108.56 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.02 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tot Ion: 112 Resp: 1807030
Ion Ratio Lower Upper
112 100
64 70.0 36.6 55.0#
63 37.8 19.4 29.0#

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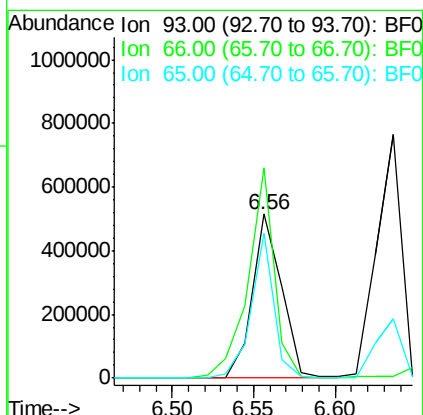
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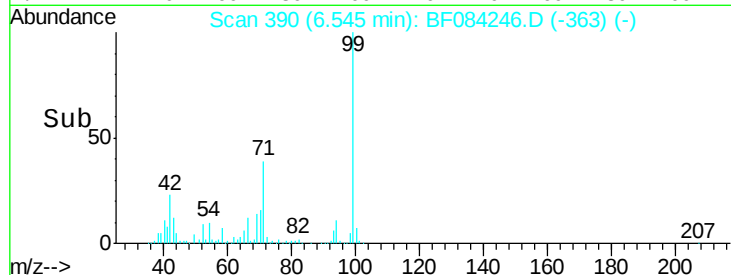
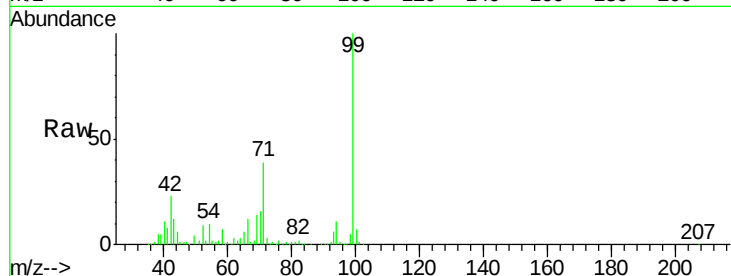
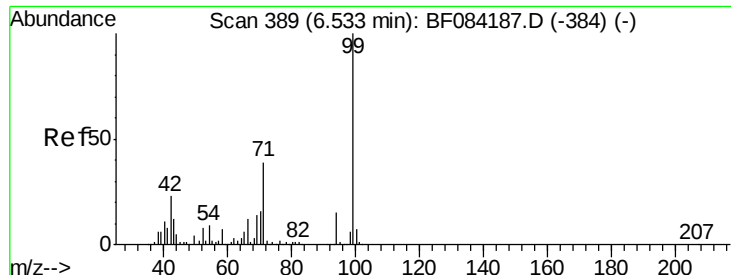
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#6
Aniline
Concen: 21.09 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion: 93 Resp: 644817
Ion Ratio Lower Upper
93 100
66 128.0 44.9 67.3#
65 88.8 23.7 35.5#





#7

Phenol-d6

Concen: 111.07 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tot Ion:	99	Resp:	2321842
Ion	Ratio	Lower	Upper
99	100		
42	23.2	12.8	19.2#
71	39.0	30.9	46.3

Instrument :

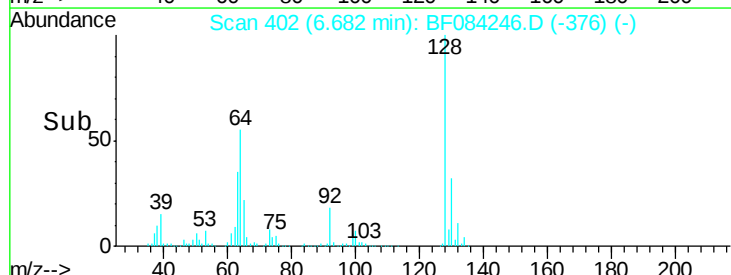
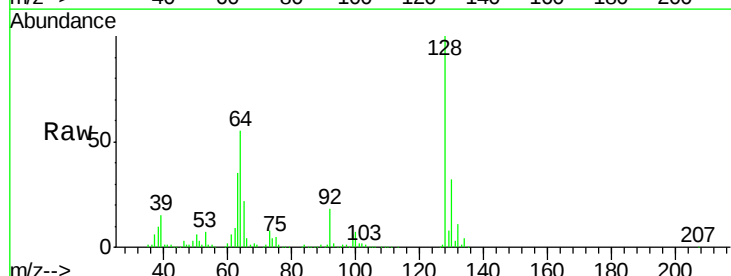
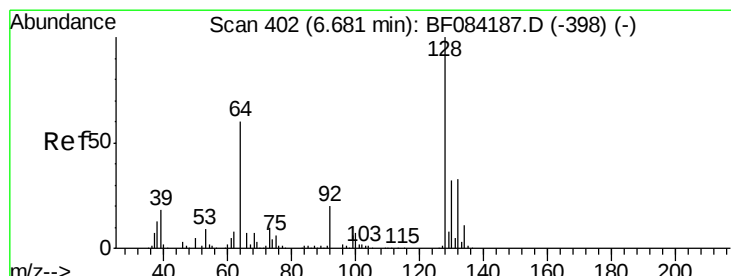
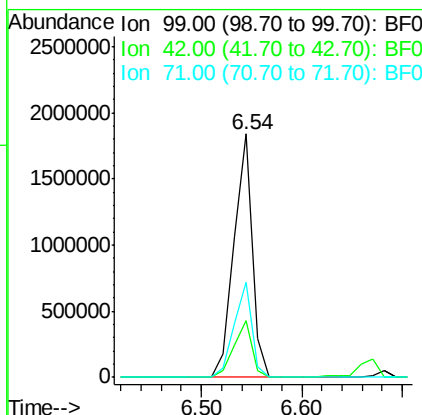
BNA_F

ClientSampled :

PB87615BS

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#8

2-Chlorophenol

Concen: 40.19 ng

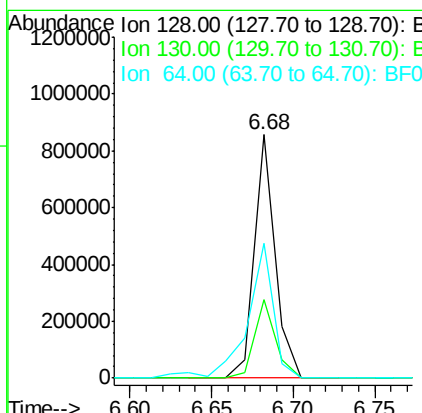
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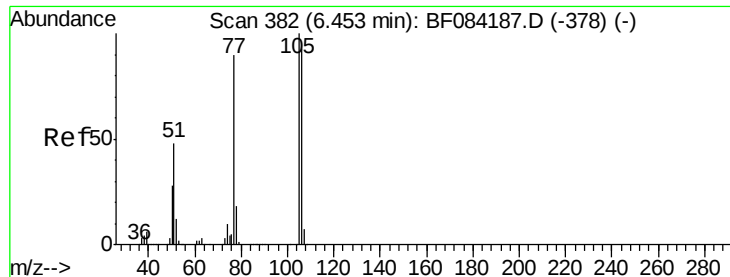
Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:	128	Resp:	758897
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.6	51.6
64	55.4	23.8	63.8





#9

Benzaldehyde

Concen: 15.16 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084246.D

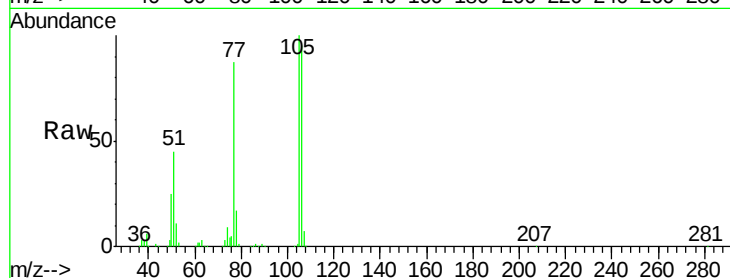
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Instrument :

BNA_F

ClientSampleId :

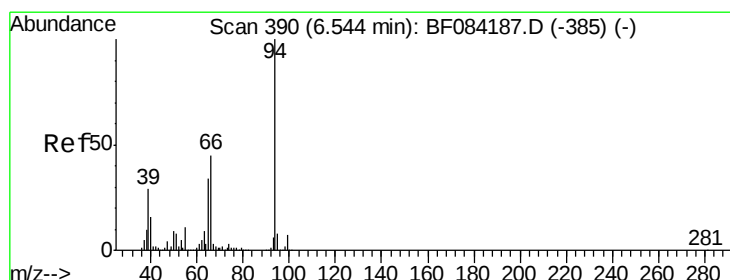
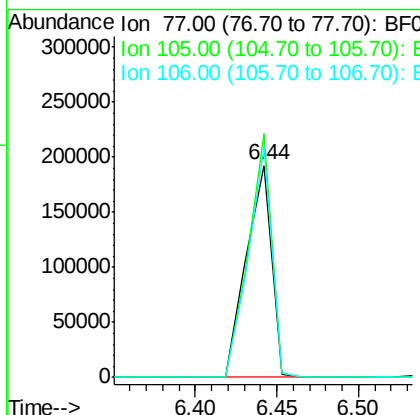
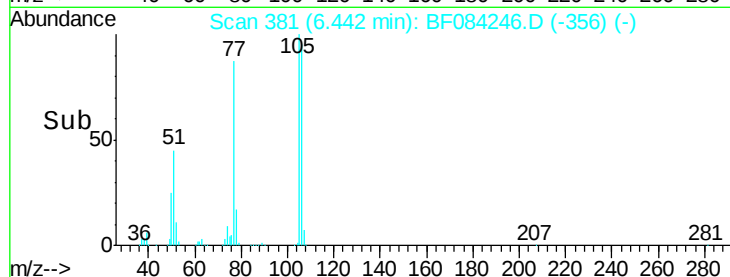
PB87615BS



Tot Ion:	77	Resp:	206314
Ion	Ratio	Lower	Upper
77	100		
105	115.0	83.0	123.0
106	109.2	74.6	114.6

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#10

Phenol

Concen: 39.00 ng

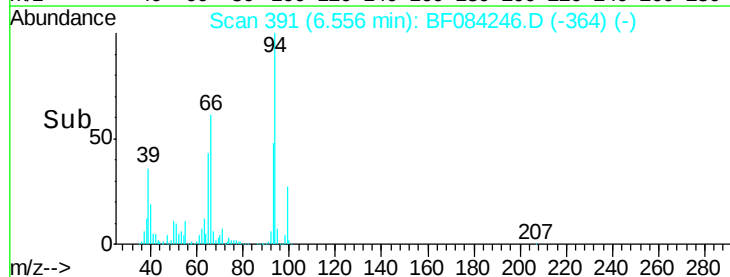
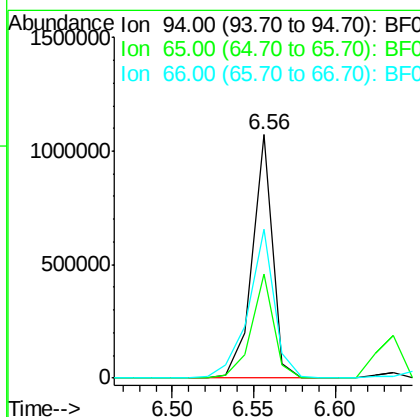
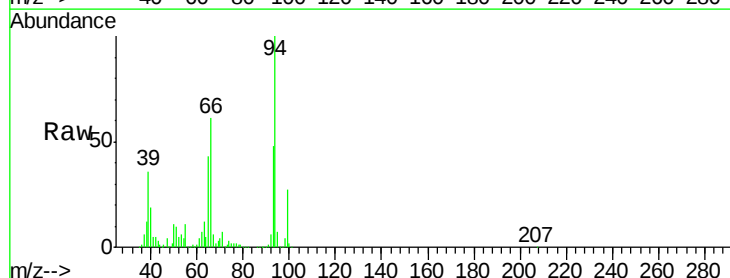
RT: 6.56 min Scan# 391

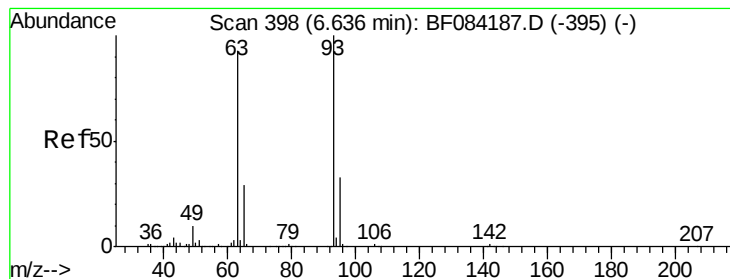
Delta R.T. 0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:	94	Resp:	927079
Ion	Ratio	Lower	Upper
94	100		
65	42.6	12.9	52.9
66	61.4	32.7	72.7





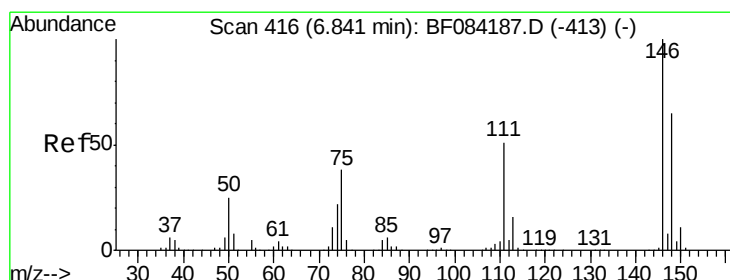
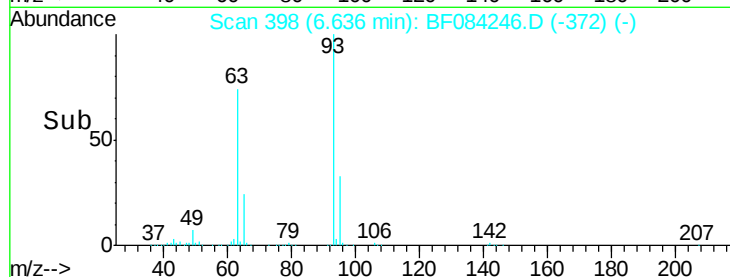
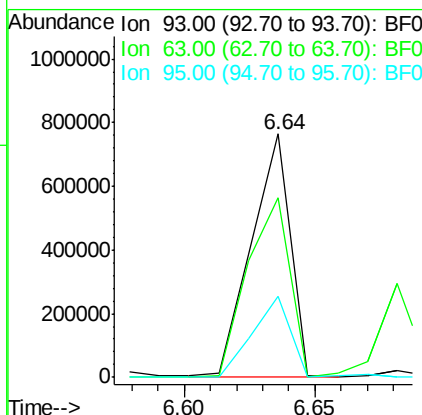
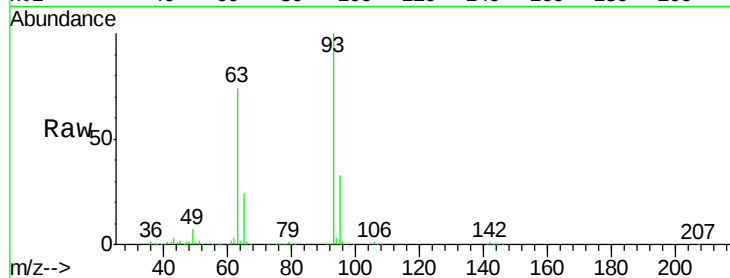
#11
bis(2-Chloroethyl)ether
Concen: 43.25 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		796369		
63	73.9	45.9	85.9		
95	33.1	12.3	52.3		

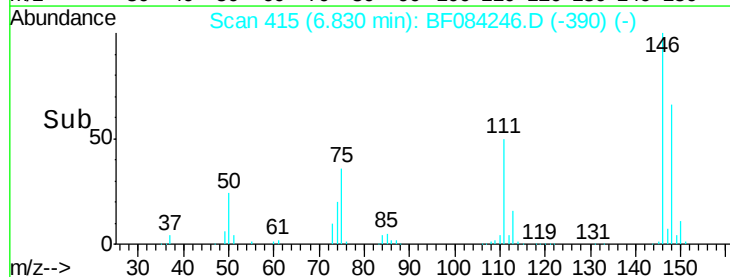
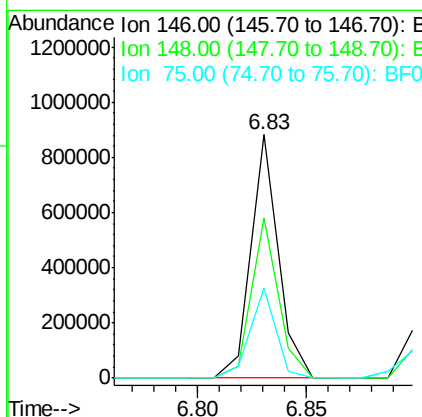
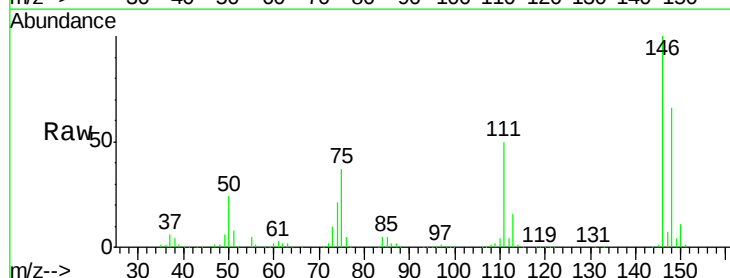
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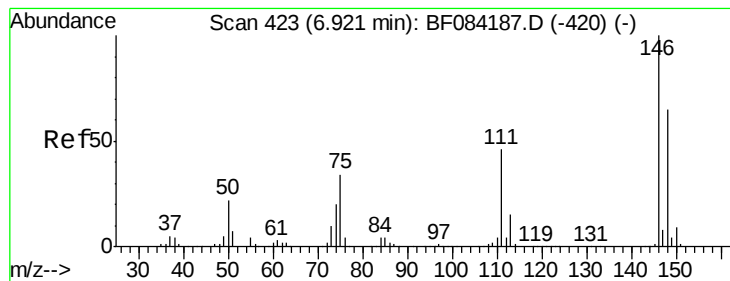
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#12
1,3-Dichlorobenzene
Concen: 39.56 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		770619		
148	65.9	51.9	77.9		
75	36.8	20.5	30.7#		





#13

1,4-Dichlorobenzene

Concen: 42.30 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

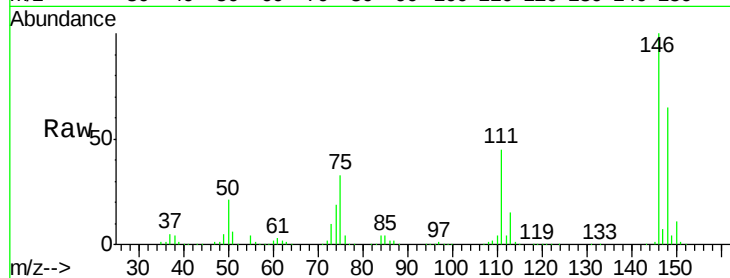
ClientSampleId :

PB87615BS

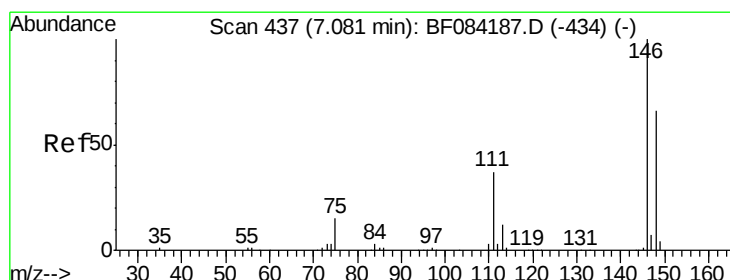
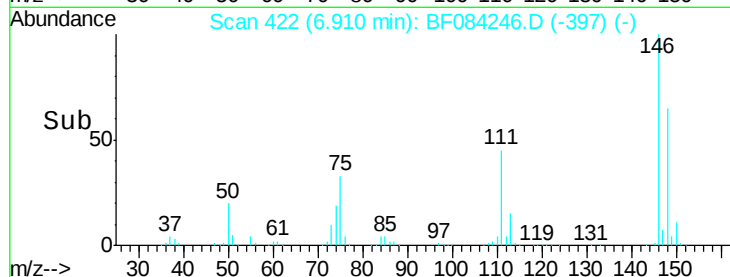
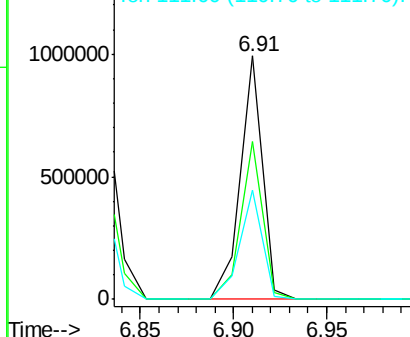
Tot Ion:	146	Resp:	826316
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
111	44.8	41.6	62.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.51 ng

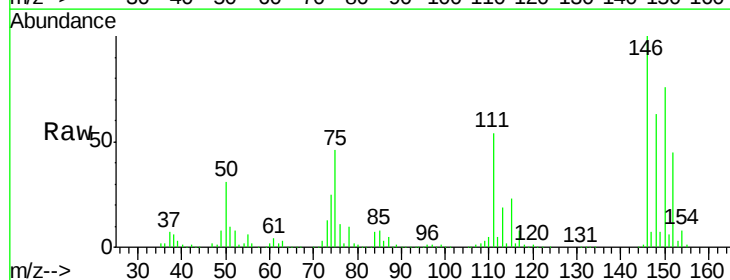
RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

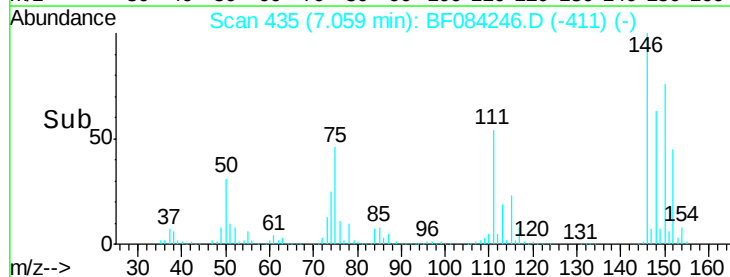
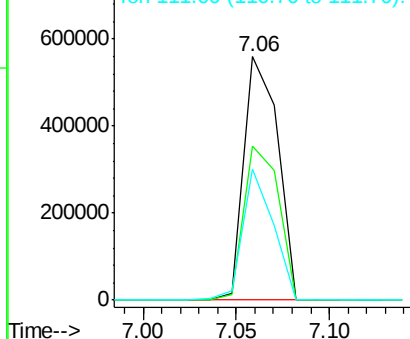
Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:	146	Resp:	701753
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.6	77.4
111	53.8	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.33 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampled :

PB87615BS

Tot Ion: 79 Resp: 691650

Ion Ratio Lower Upper

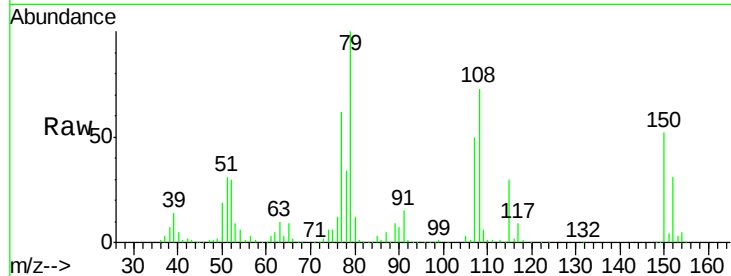
79 100

108 72.7 69.0 103.4

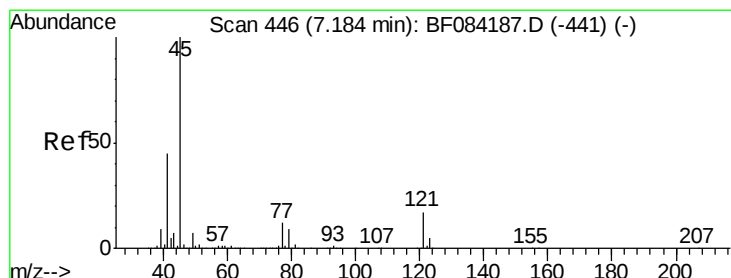
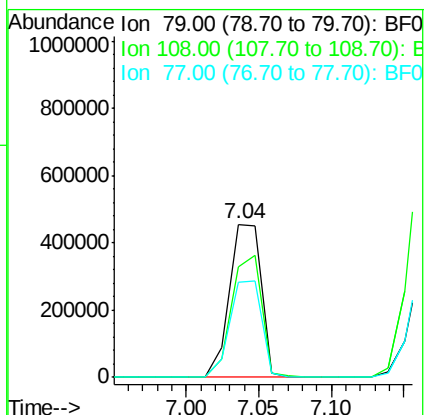
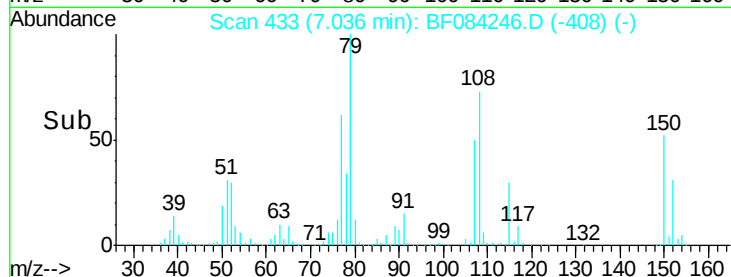
77 62.1 50.0 75.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.51 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

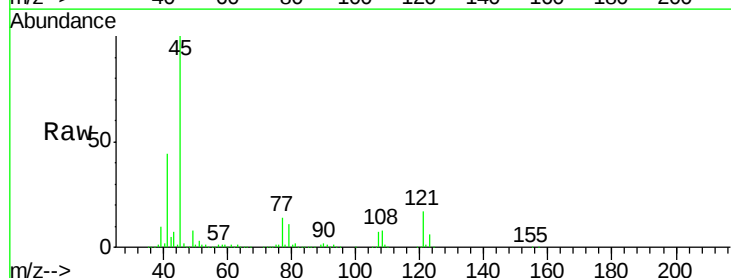
Tgt Ion: 45 Resp: 1257713

Ion Ratio Lower Upper

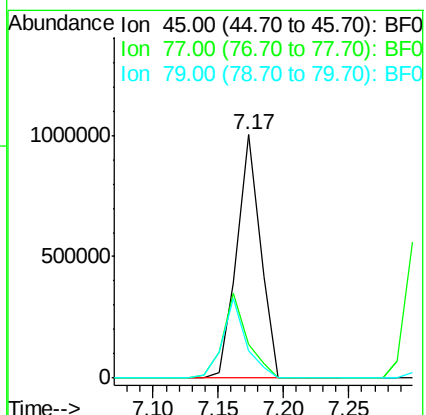
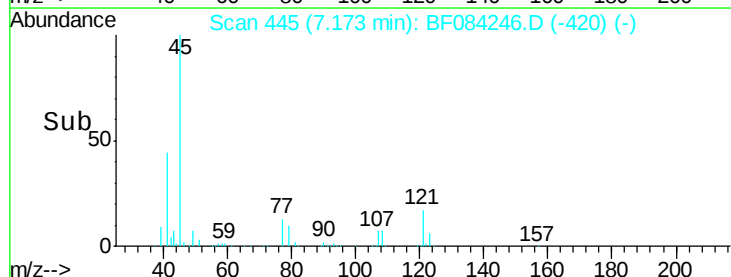
45 100

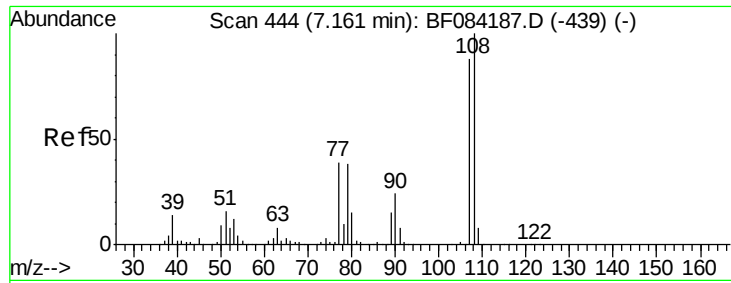
77 13.9 0.0 39.6

79 11.2 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





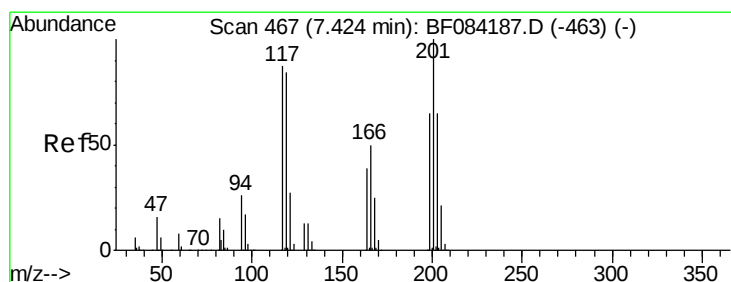
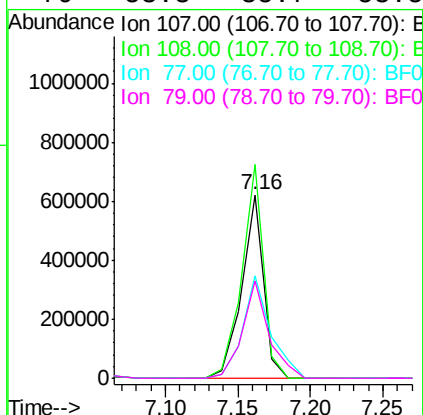
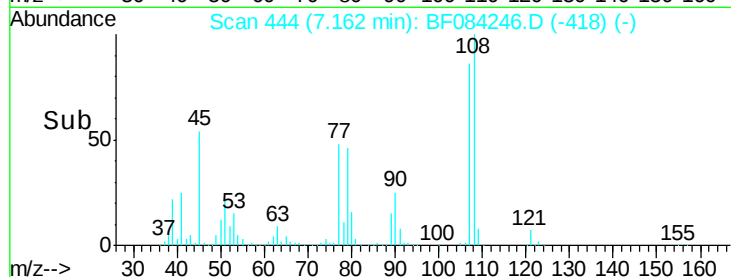
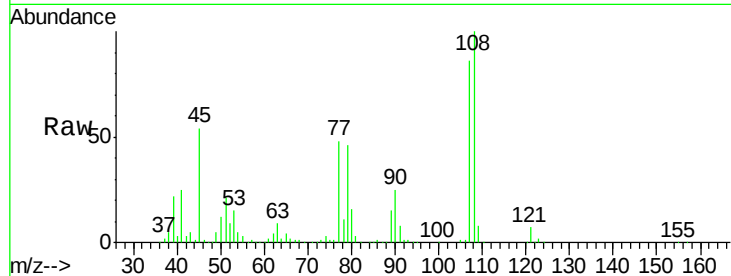
#17
2-Methylphenol
Concen: 40.72 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.6	89.8	134.6
77	56.0	35.7	53.5
79	53.3	35.7	53.5

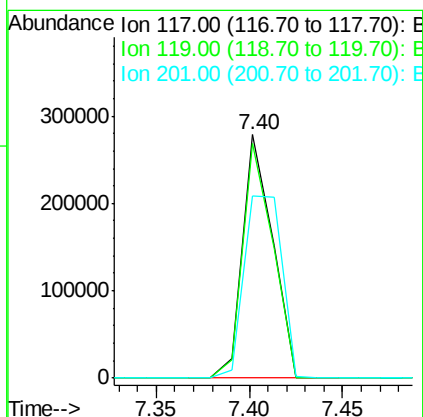
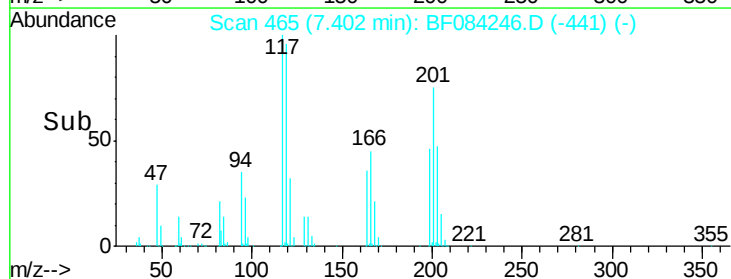
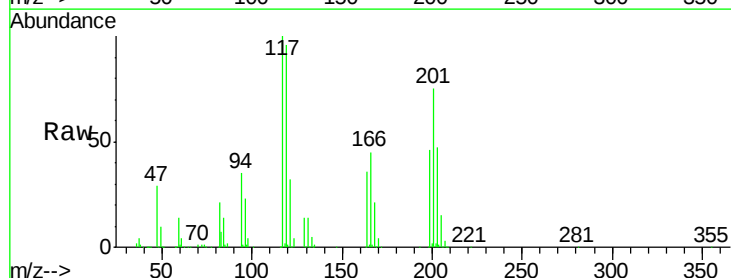
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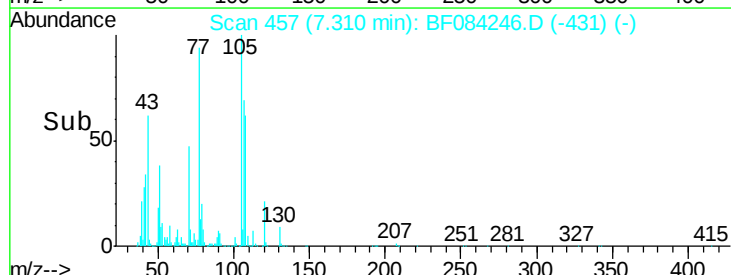
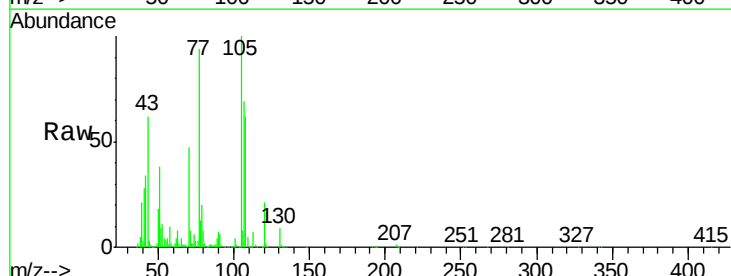
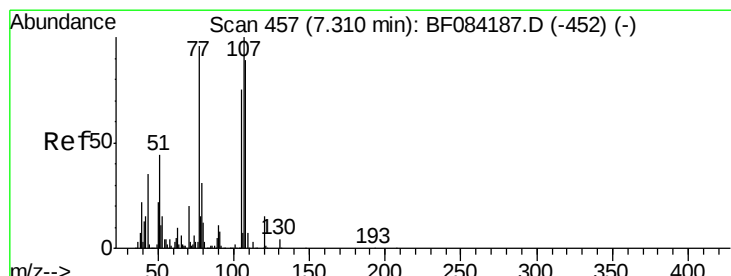
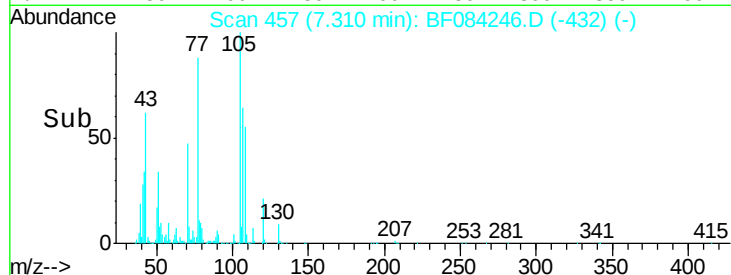
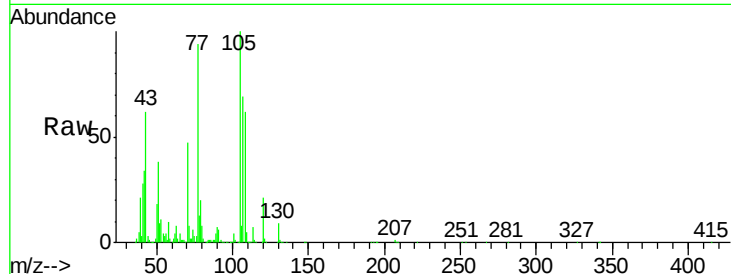
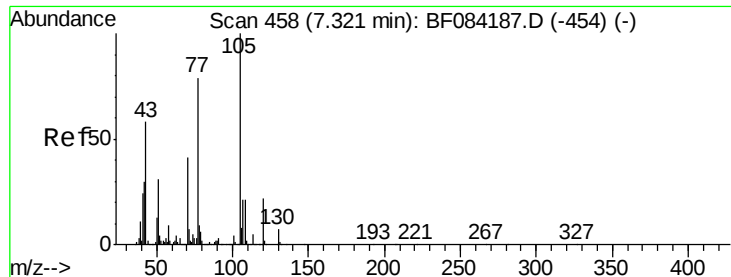
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#18
Hexachloroethane
Concen: 39.83 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.3	77.4	116.0
201	74.7	68.6	103.0





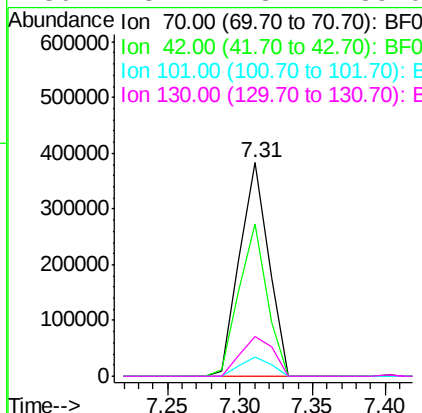
#19
n-Nitroso-di-n-propylamine
Concen: 37.74 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.4	33.3	49.9#
101	9.1	9.3	13.9#
130	18.7	23.4	35.0#

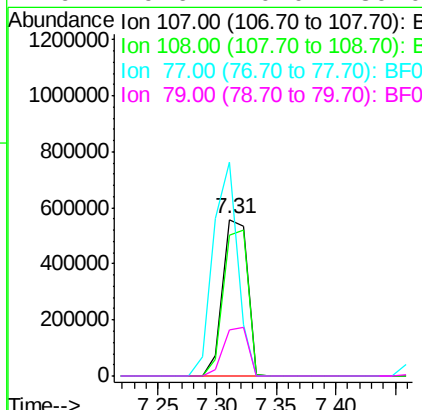
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#20
3+4-Methylphenols
Concen: 43.12 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	74.6	114.6
77	136.4	0.7	40.7#
79	29.6	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:136 Resp: 1104175

Ion Ratio Lower Upper

136 100

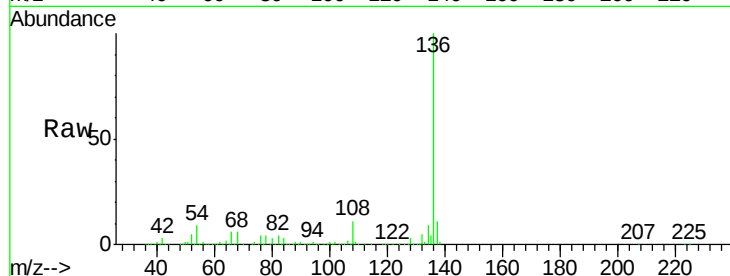
137 11.3 8.7 13.1

54 9.3 5.8 8.8#

68 5.7 4.2 6.2

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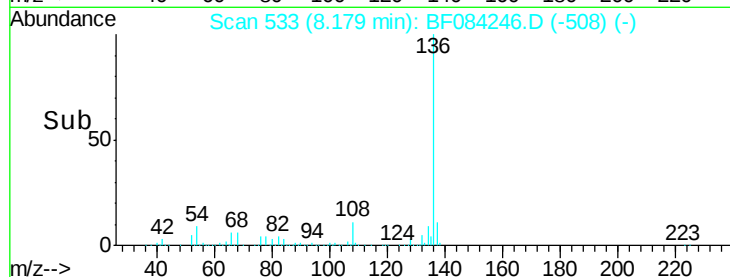


Abundance Ion 136.00 (135.70 to 136.70): E

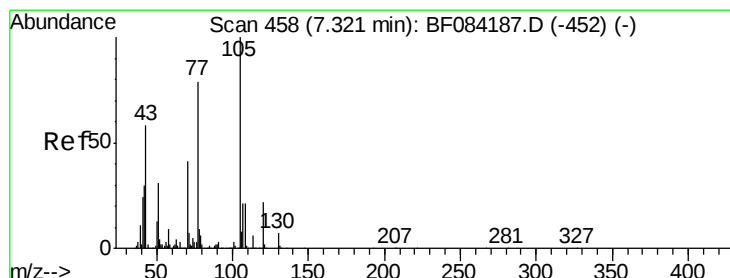
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.14 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:105 Resp: 1092275

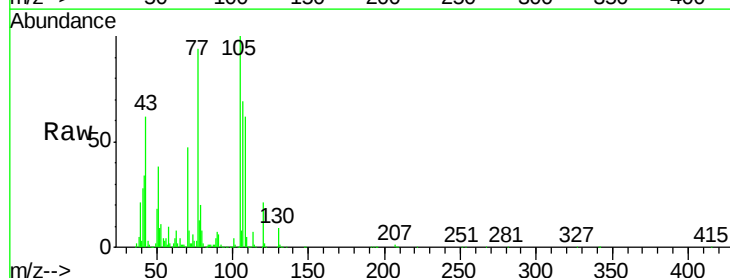
Ion Ratio Lower Upper

105 100

71 8.1 3.7 5.5#

51 37.6 25.1 37.7

120 21.0 16.6 25.0

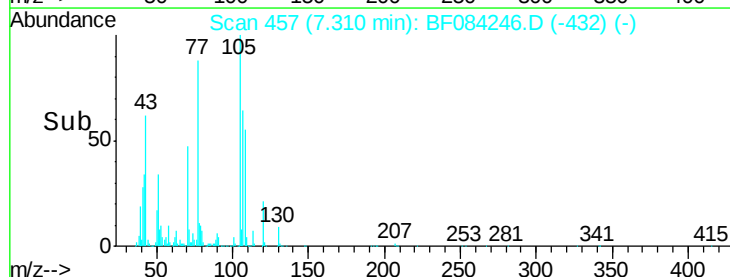


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



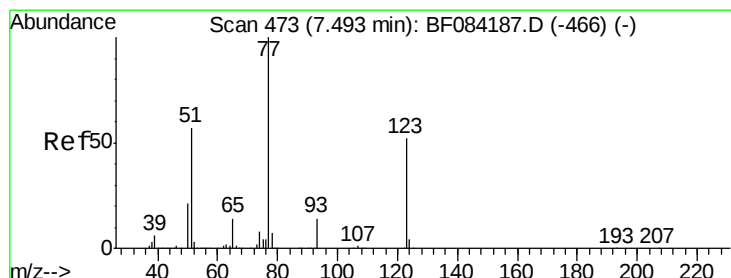
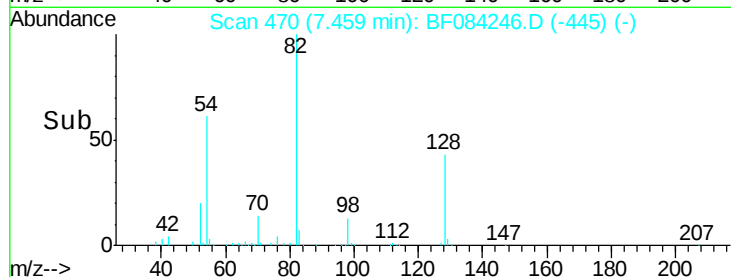
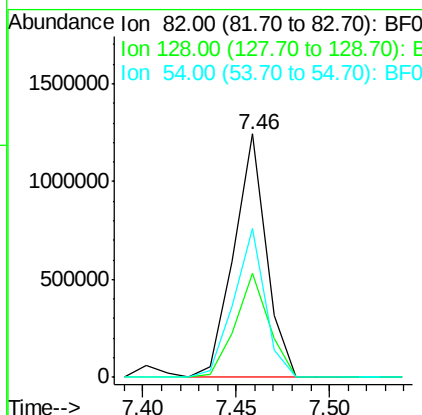
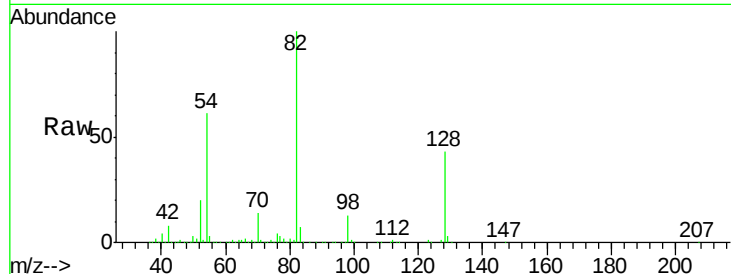
#23
 Nitrobenzene-d5
 Concen: 76.15 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

Tot Ion	82	Resp	1510740
Ion Ratio	100	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	61.3	38.4	57.6

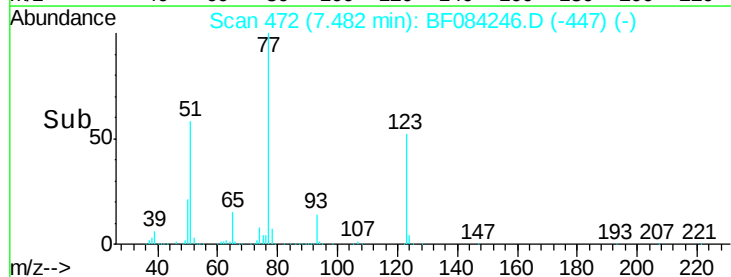
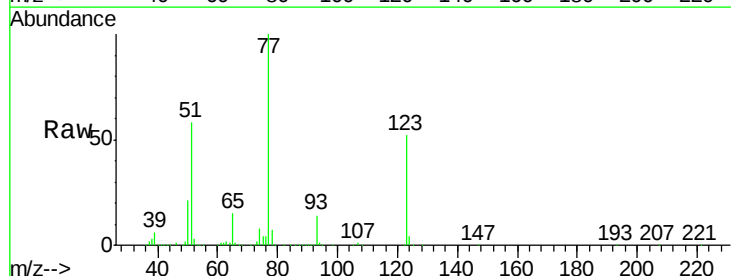
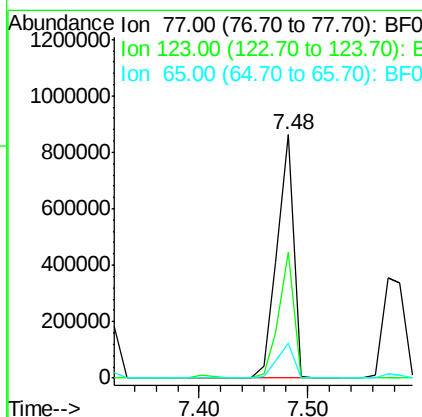
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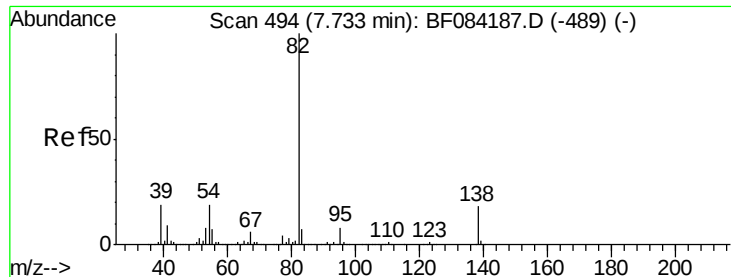
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#24
 Nitrobenzene
 Concen: 45.06 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Tgt Ion	77	Resp	906798
Ion Ratio	100	Lower	Upper
77	100		
123	52.0	37.4	56.2
65	14.5	10.9	16.3





#25

Isophorone

Concen: 39.95 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion: 82 Resp: 1515750

Ion Ratio Lower Upper

82 100

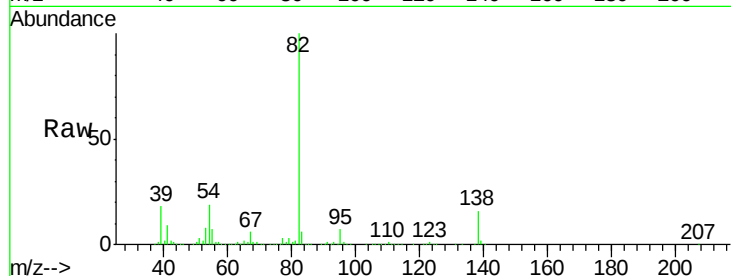
95 7.5 6.6 10.0

138 16.1 13.6 20.4

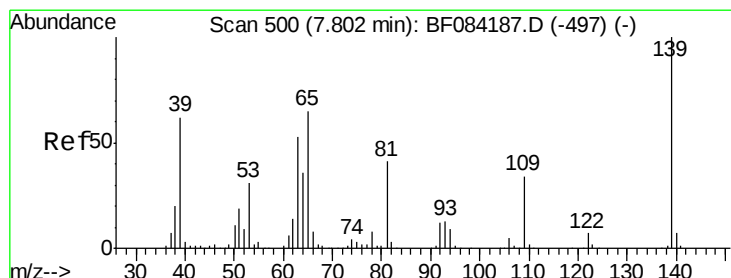
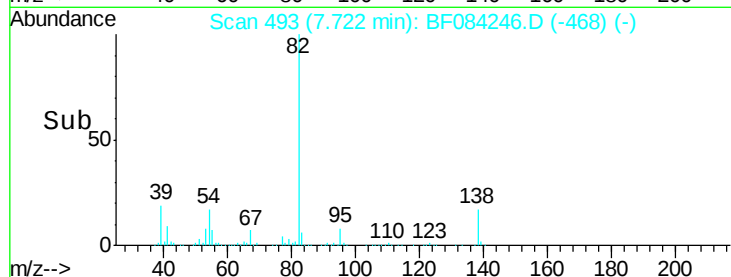
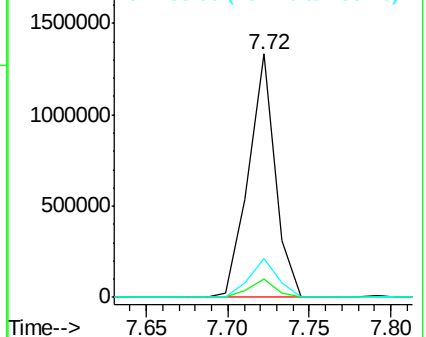
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.88 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

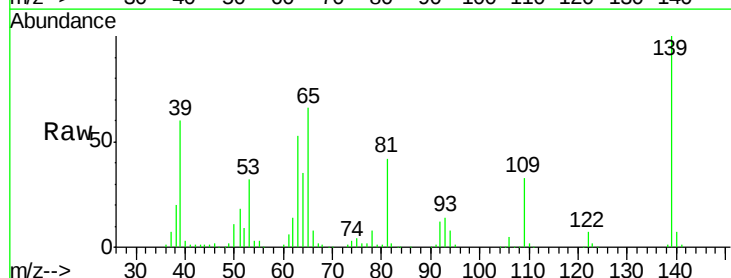
Tgt Ion: 139 Resp: 401853

Ion Ratio Lower Upper

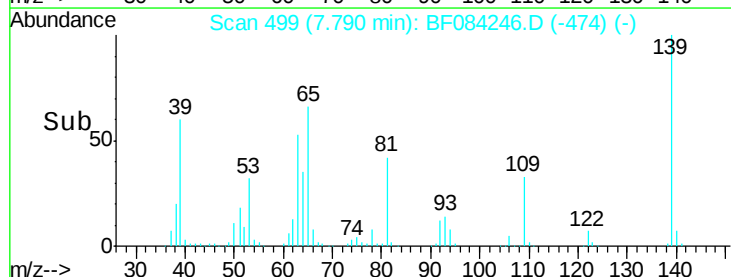
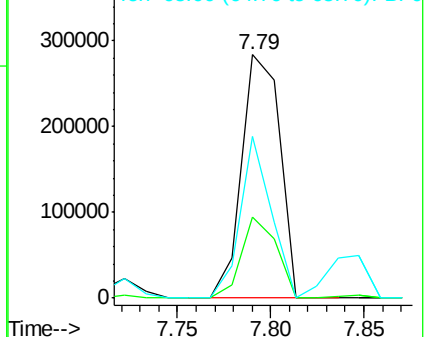
139 100

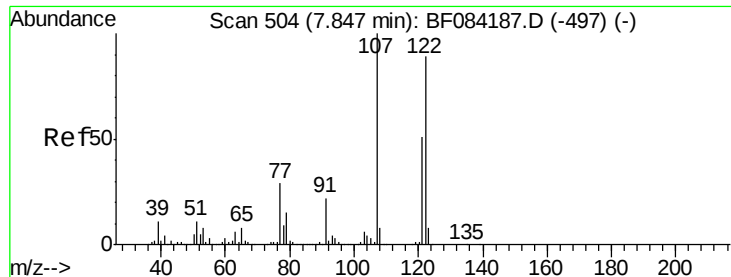
109 33.1 25.4 38.2

65 66.3 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.61 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

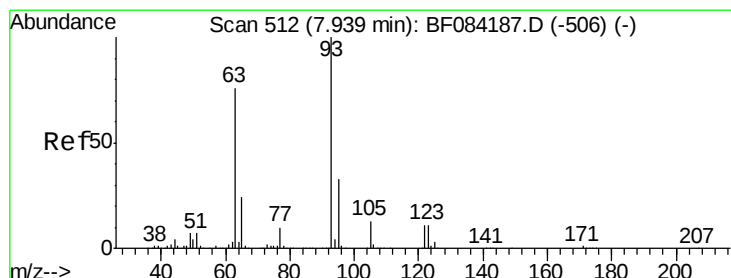
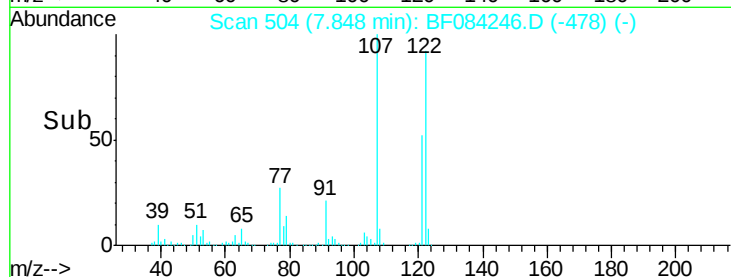
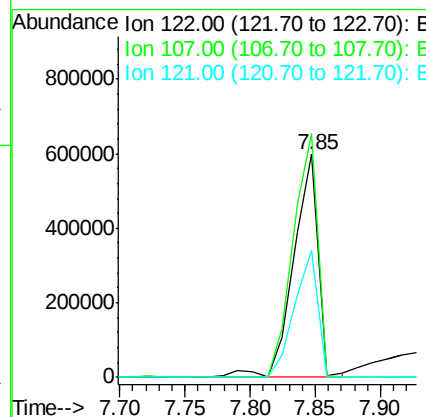
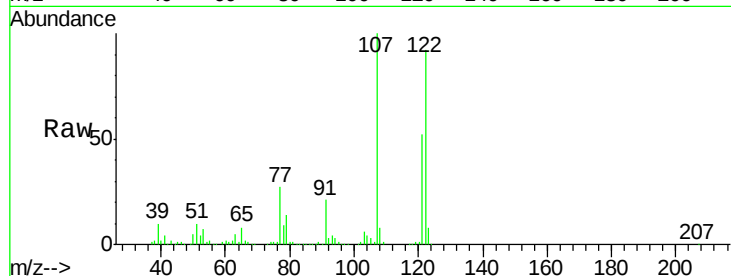
ClientSampleId :

PB87615BS

Tot Ion:	122	Resp:	789891
Ion Ratio	Lower	Upper	
122	100		
107	109.1	99.1	148.7
121	57.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.42 ng

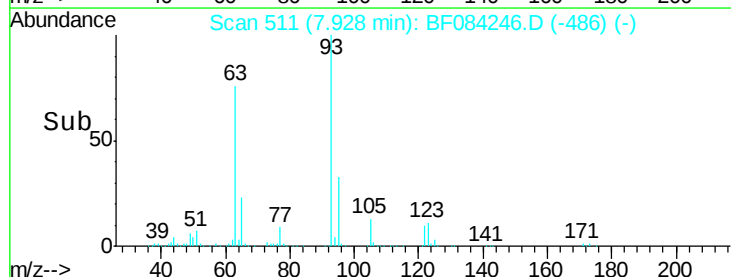
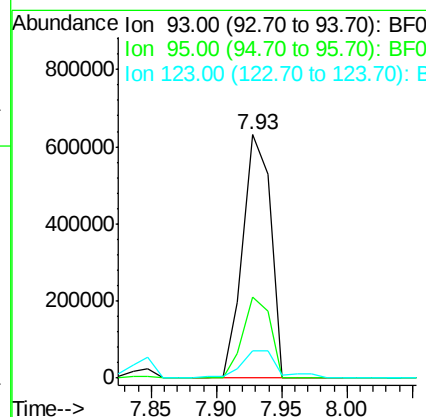
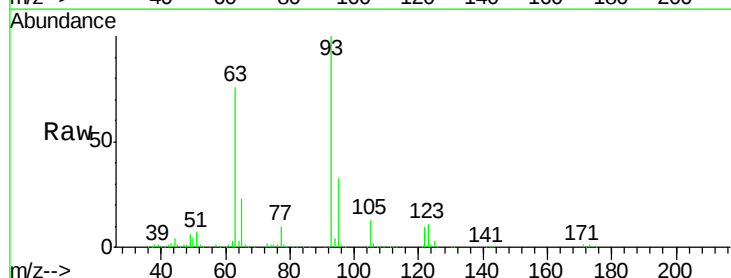
RT: 7.93 min Scan# 511

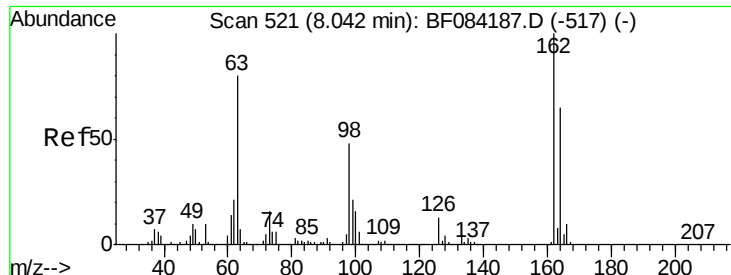
Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:	93	Resp:	936773
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.8	38.6
123	11.0	8.6	12.8





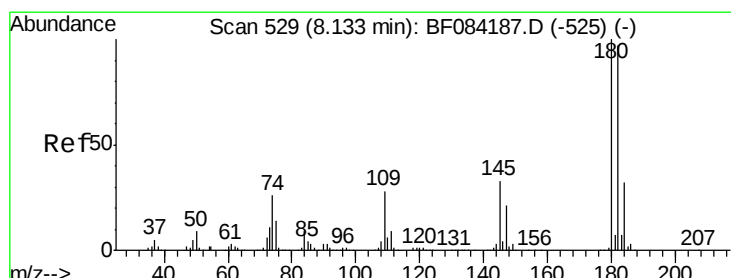
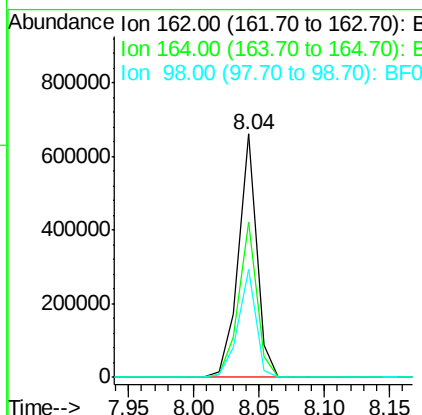
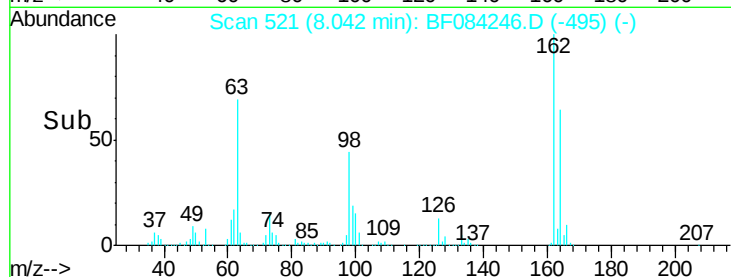
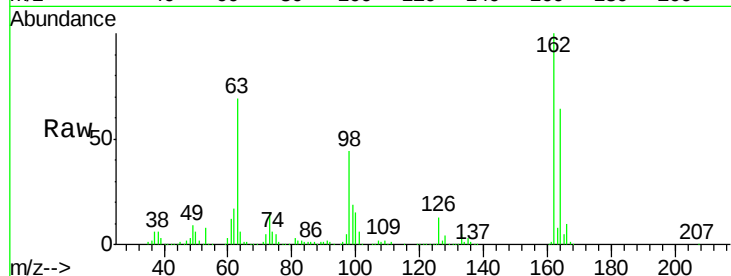
#29
2,4-Dichlorophenol
Concen: 41.72 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	44.2	20.2	60.2

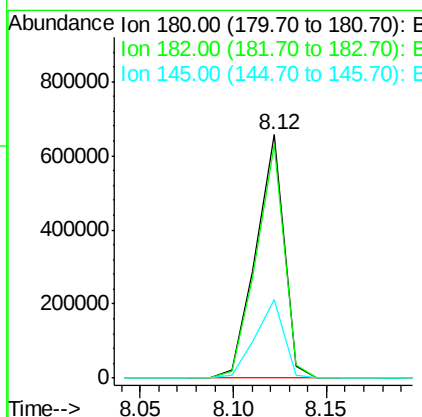
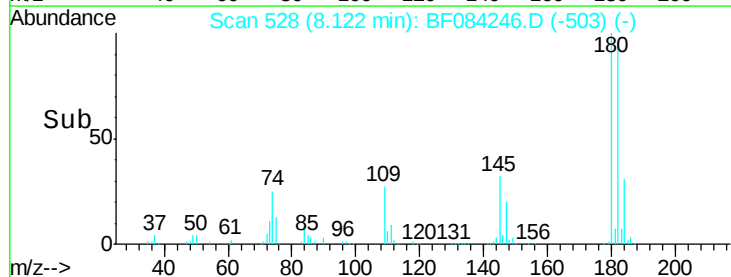
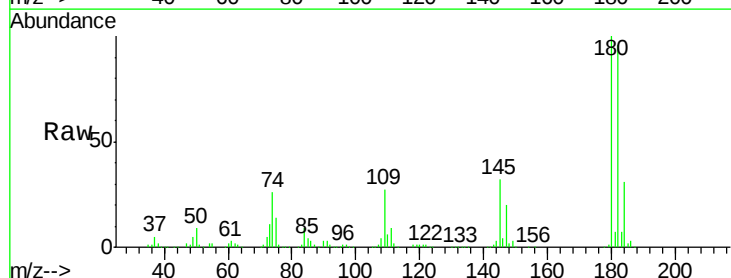
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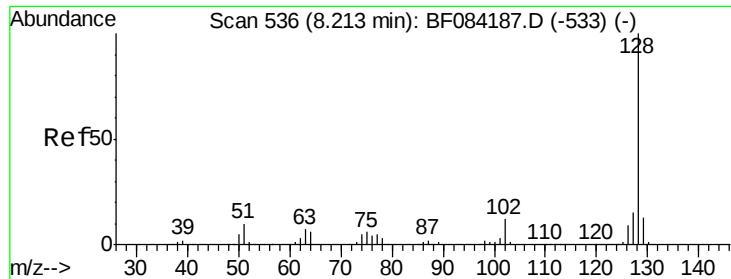
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#30
1,2,4-Trichlorobenzene
Concen: 43.03 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	32.1	31.6	47.4





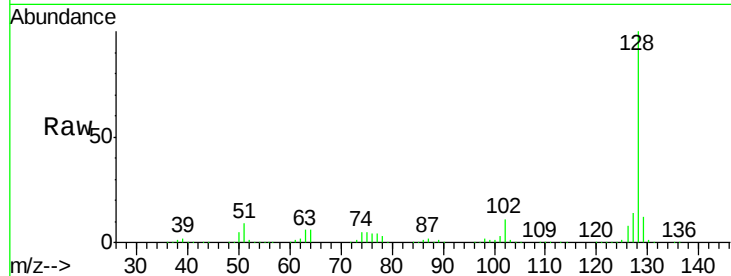
#31
Naphthalene
Concen: 42.21 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

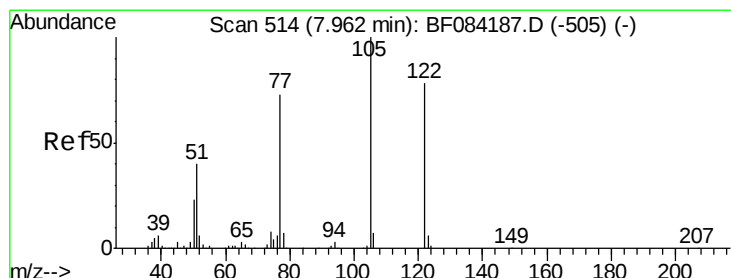
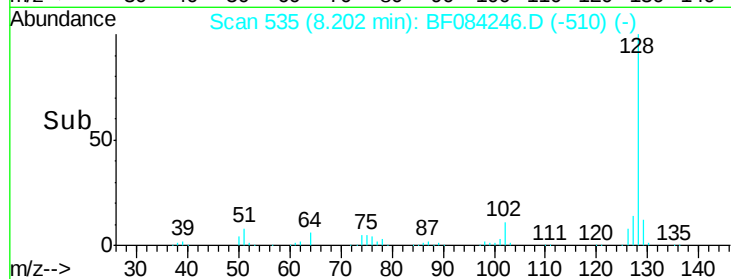
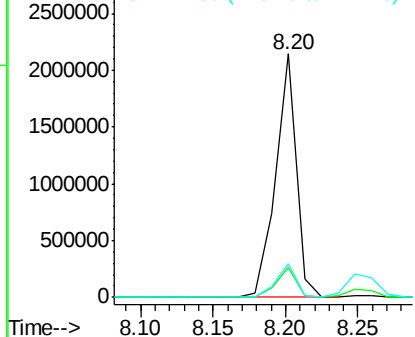
Tot Ion:128 Resp: 2114597
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.0 11.1 16.7

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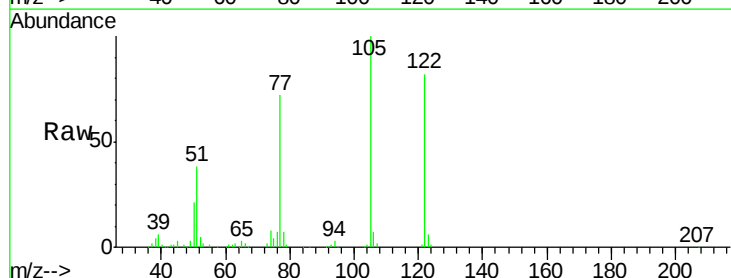


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

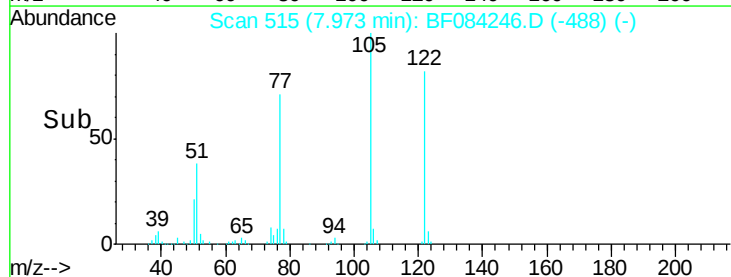
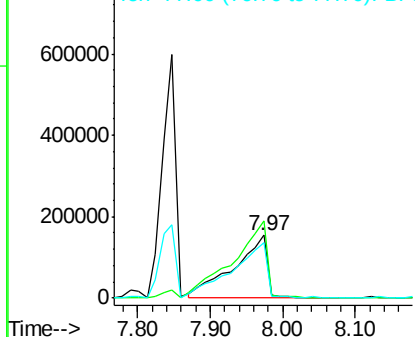


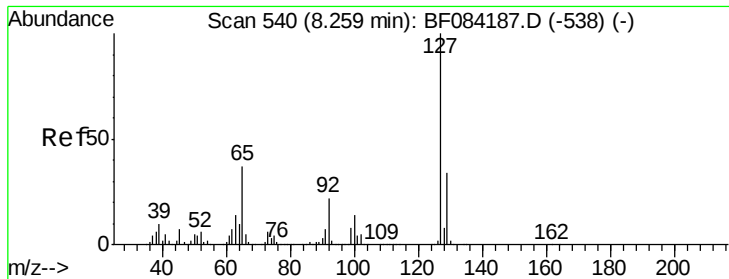
#32
Benzoic acid
Concen: 41.99 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion:122 Resp: 489987
Ion Ratio Lower Upper
122 100
105 122.5 100.3 140.3
77 87.9 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





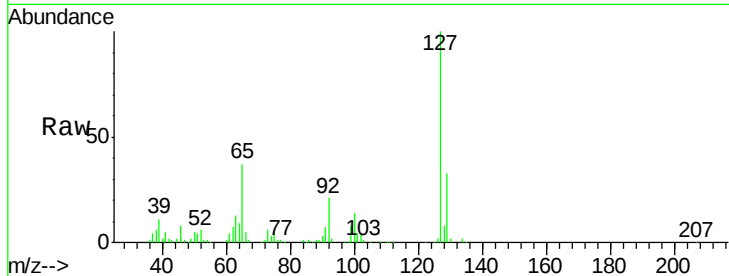
#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

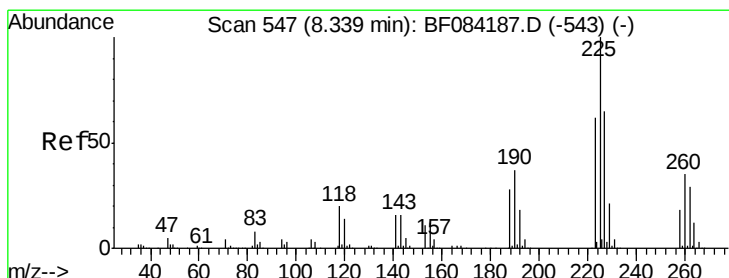
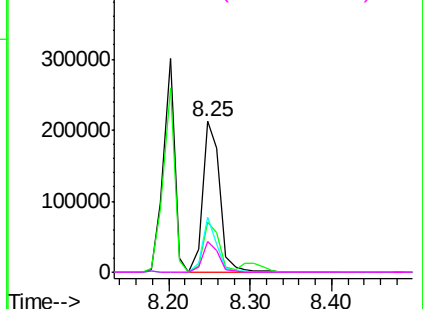
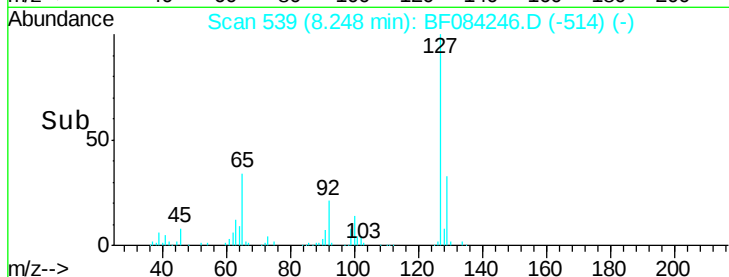
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		312817		
129	32.9	26.5	39.7		
65	36.6	27.2	40.8		
92	20.8	17.7	26.5		

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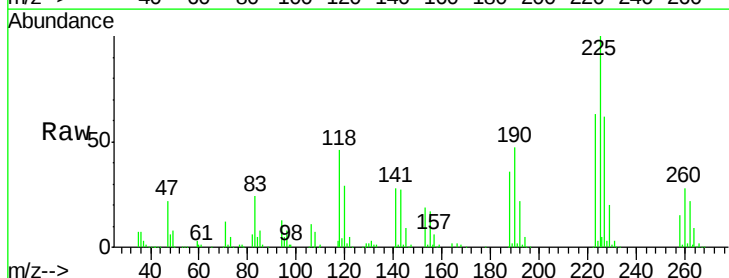


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

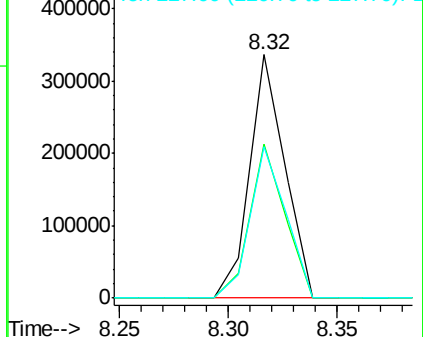
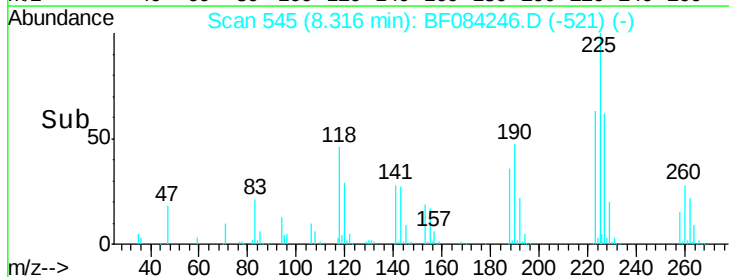


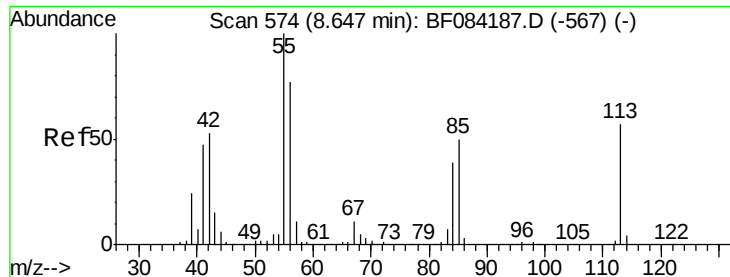
#34
Hexachlorobutadiene
Concen: 41.27 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		378148		
223	63.1	49.4	74.0		
227	62.1	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.94 ng/mL

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleID :

PB87615BS

Tot Ion: 113 Resp: 218304

Ion Ratio Lower Upper

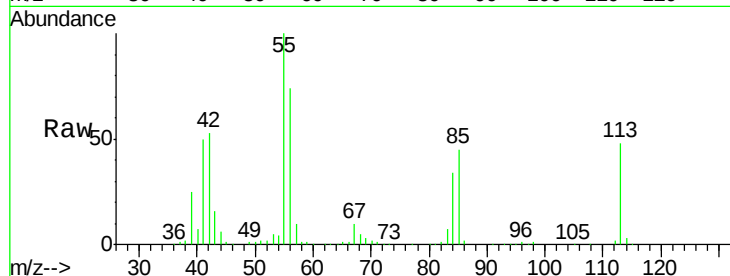
113 100

55 210.4 116.9 156.9#

56 156.6 93.8 133.8#

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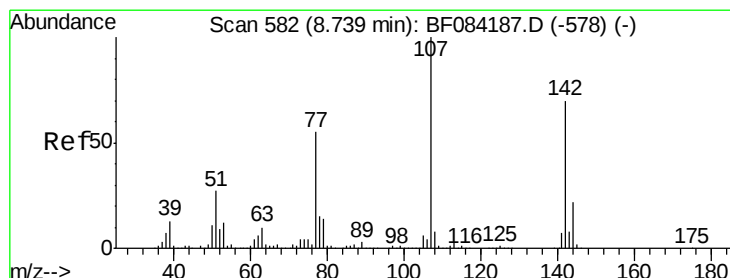
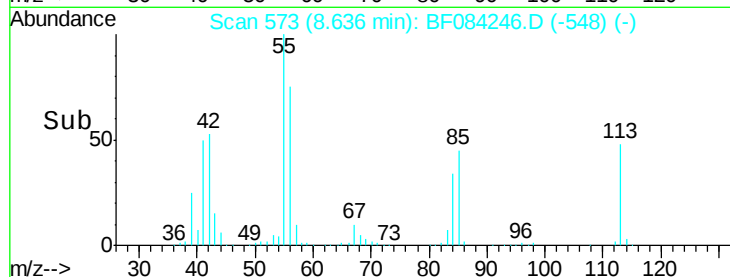
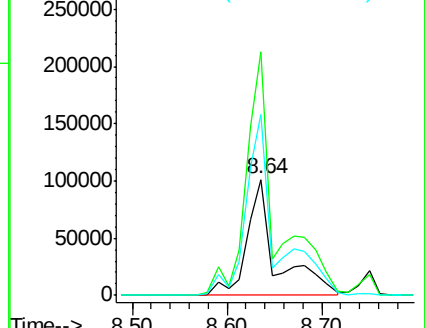
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.86 ng/mL

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

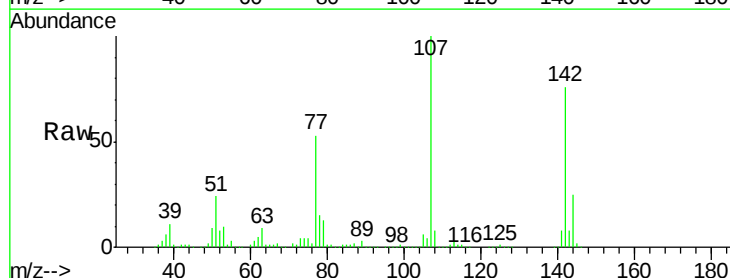
Tgt Ion: 107 Resp: 758683

Ion Ratio Lower Upper

107 100

144 24.9 19.7 29.5

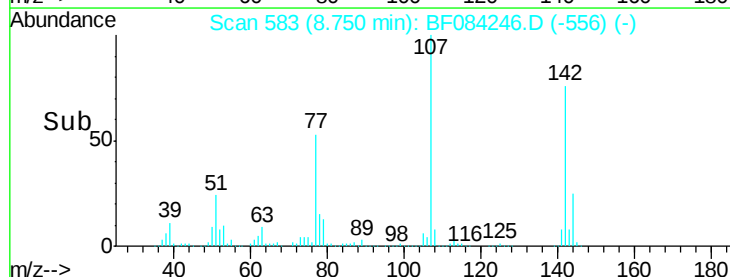
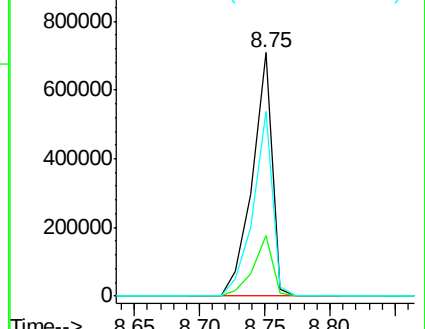
142 75.8 61.8 92.6

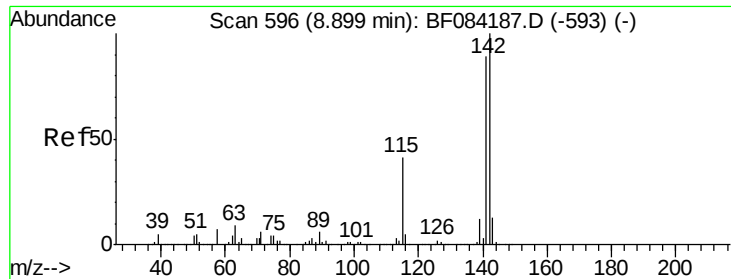


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.03 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:142 Resp: 1511360

Ion Ratio Lower Upper

142 100

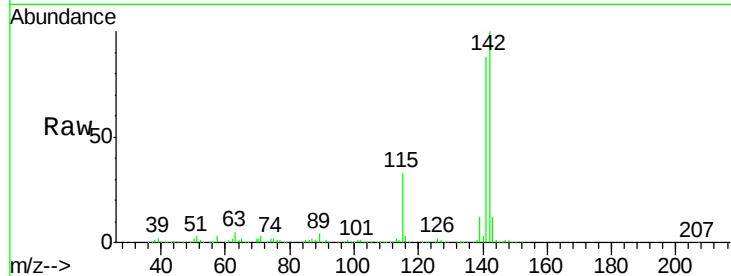
141 88.3 72.4 108.6

115 33.2 27.9 41.9

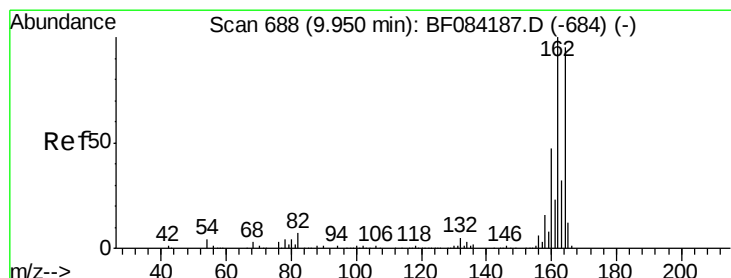
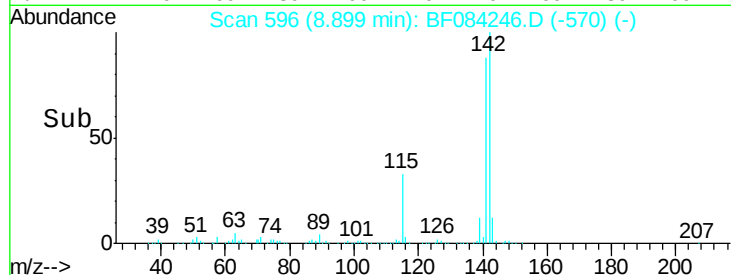
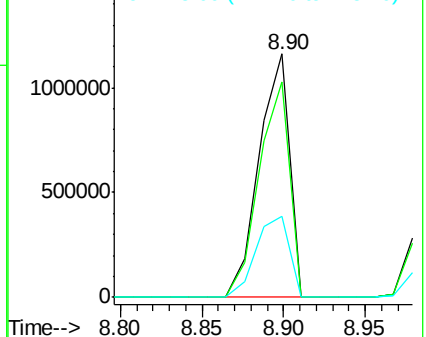
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

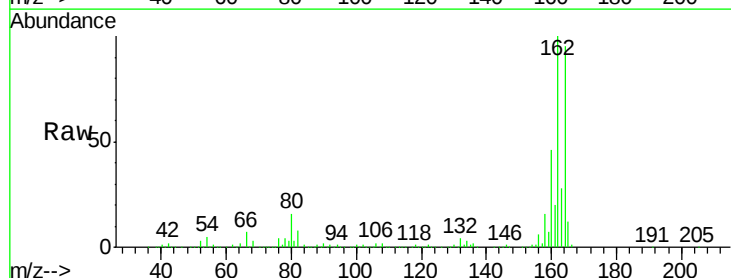
Tgt Ion:164 Resp: 530908

Ion Ratio Lower Upper

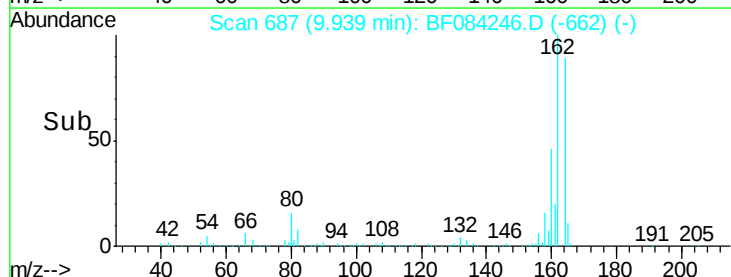
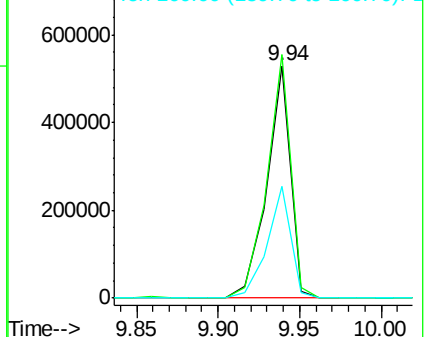
164 100

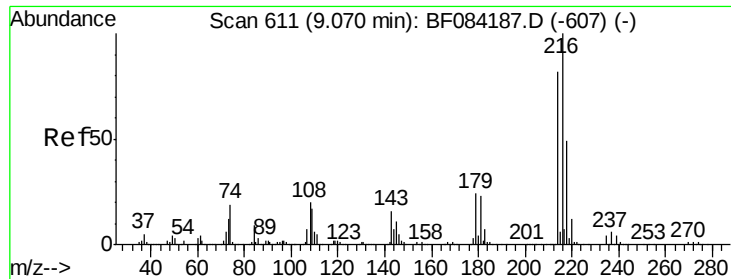
162 104.7 85.1 127.7

160 48.0 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: 40.14 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

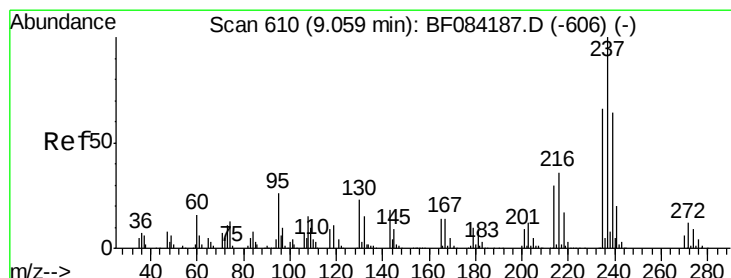
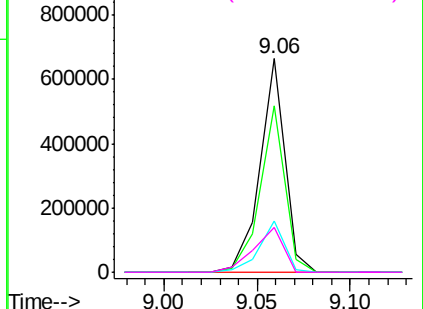
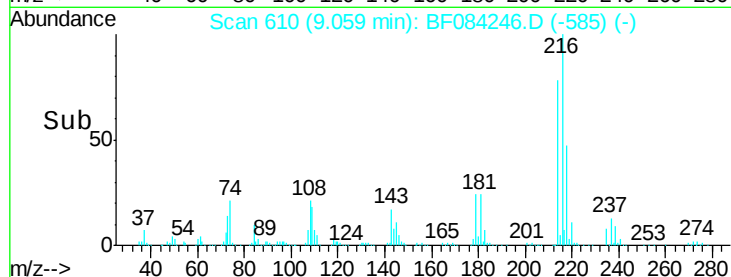
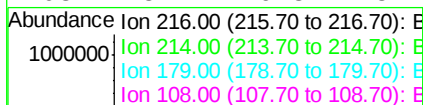
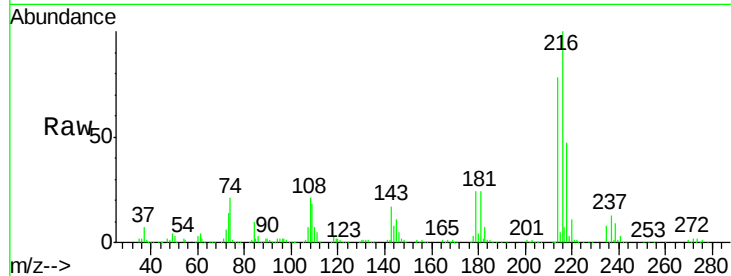
ClientSampled :

PB87615BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		612579		
214	77.4	64.2	96.2		
179	23.9	18.7	28.1		
108	25.7	16.8	25.2#		

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#40

Hexachlorocyclopentadiene

Concen: 77.97 ng

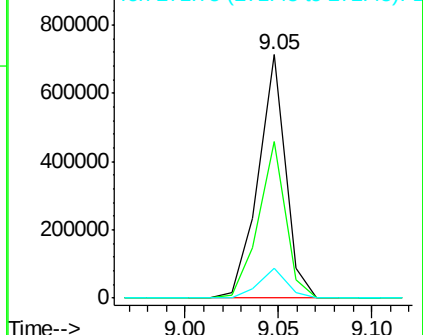
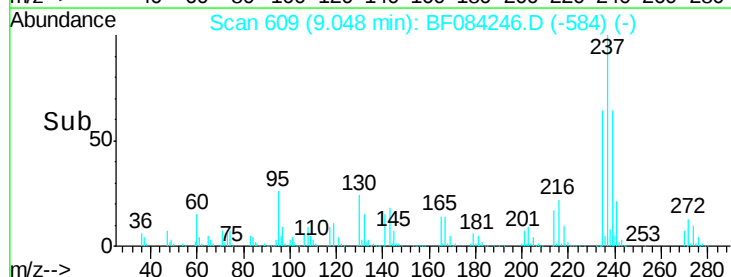
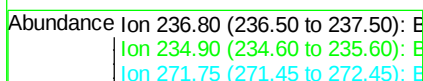
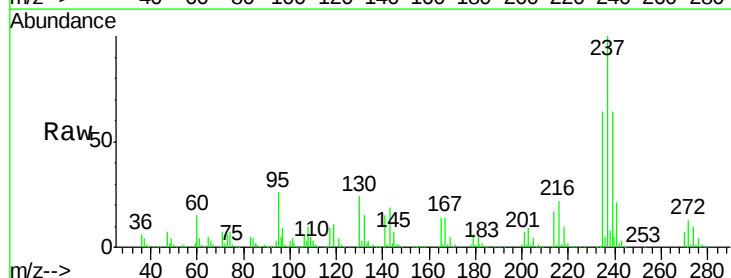
RT: 9.05 min Scan# 609

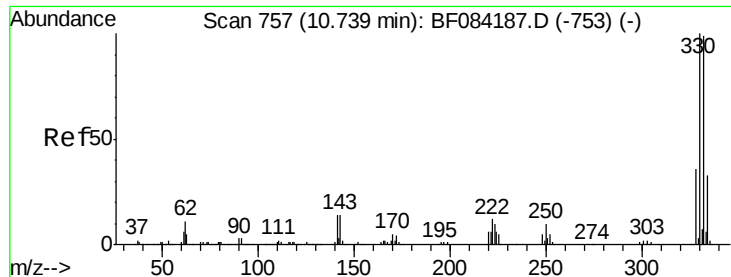
Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		718376		
235	64.2	43.1	83.1		
272	12.5	0.0	35.1		





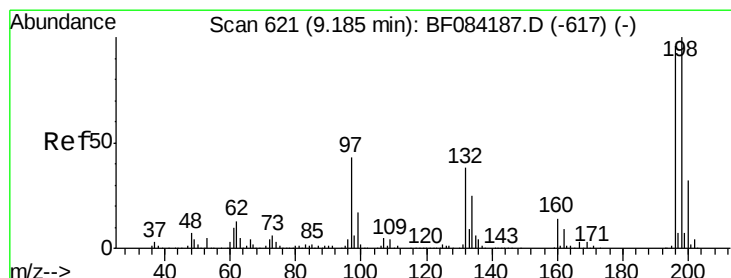
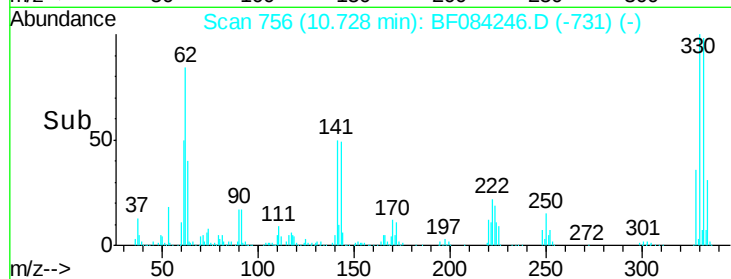
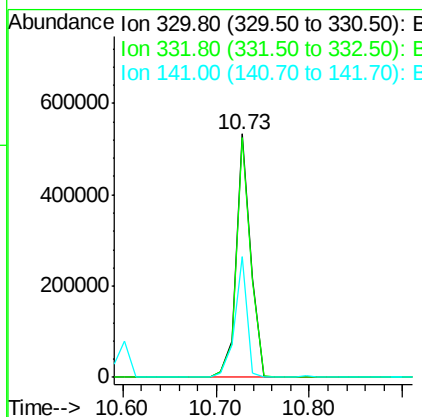
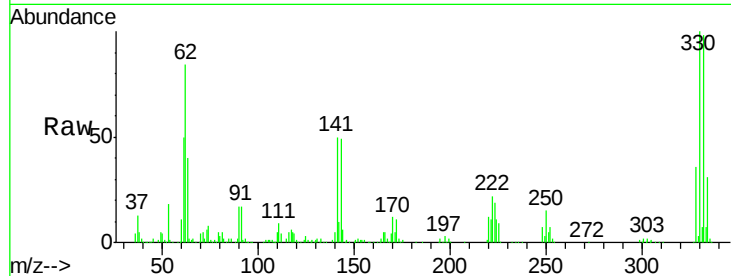
#41
 2,4,6-Tribromophenol
 Concen: 108.42 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	581145		
332	97.5	76.6	114.8	
141	41.9	27.8	41.6	

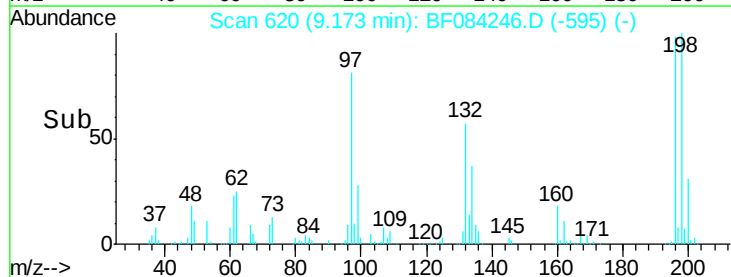
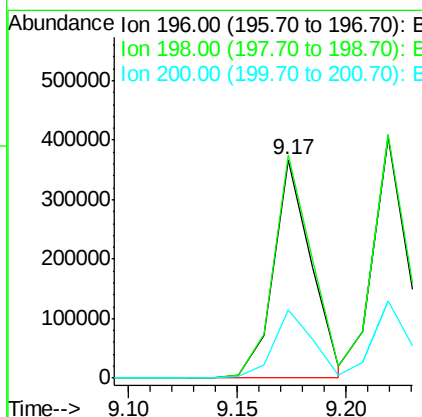
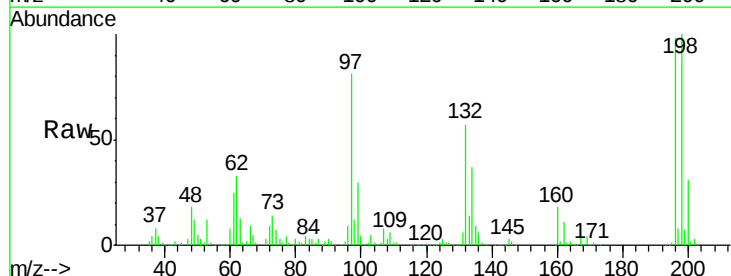
Manual Integrations
 APPROVED

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 1/5/2016 1:41:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.00 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	445303		
198	102.2	77.7	116.5	
200	31.5	24.6	37.0	





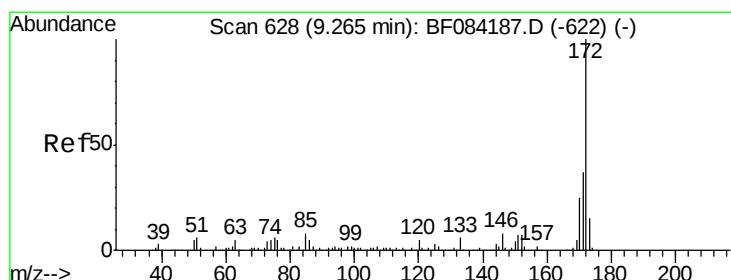
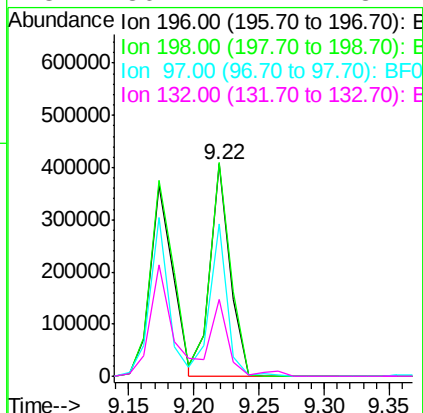
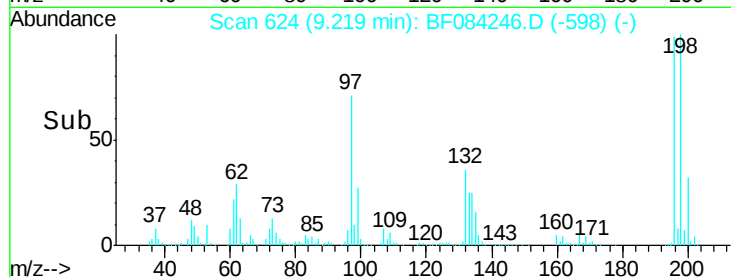
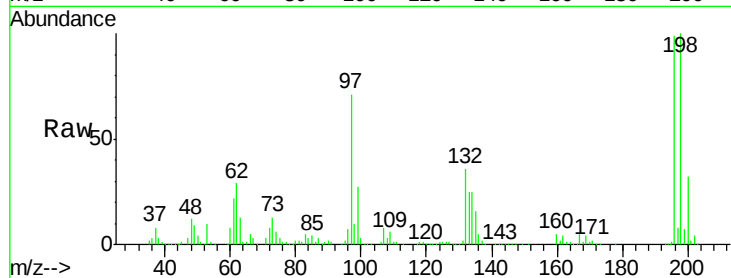
#43
 2,4,5-Trichlorophenol
 Concen: 39.92 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	437002		
198	100.8	79.0	118.6	
97	72.0	33.0	49.6	
132	36.1	21.1	31.7	

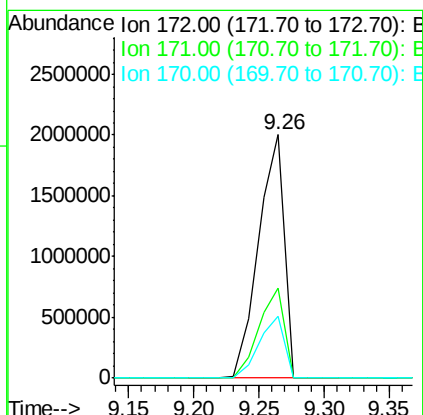
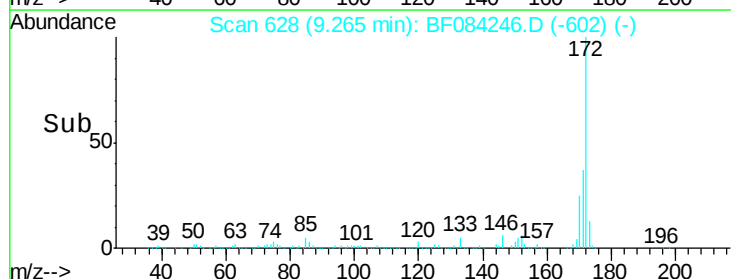
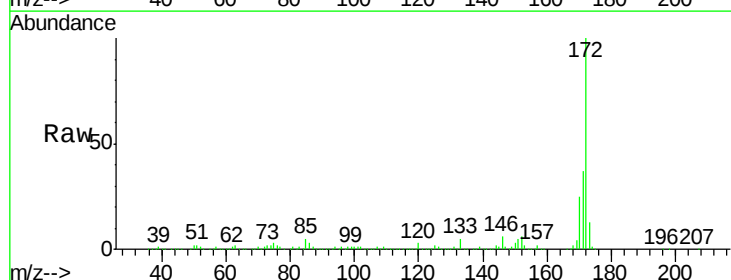
Manual Integrations
 APPROVED

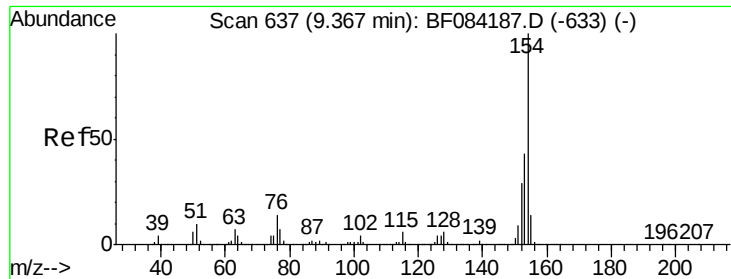
Sohil
 1/5/2016 1:41:15 PM



#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2747785		
171	37.1	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 39.65 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:154 Resp: 1673025

Ion Ratio Lower Upper

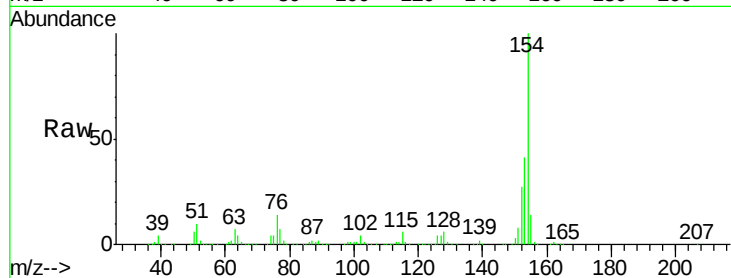
154 100

153 40.9 21.6 61.6

76 14.1 0.0 32.7

Manual Integrations
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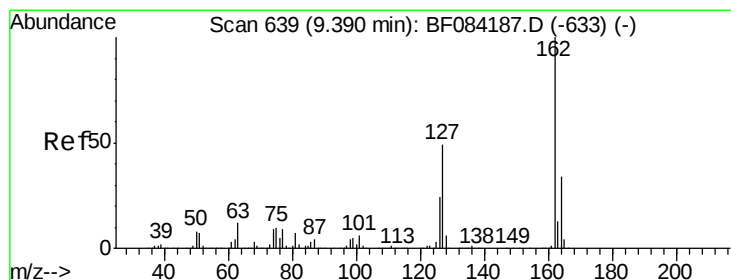
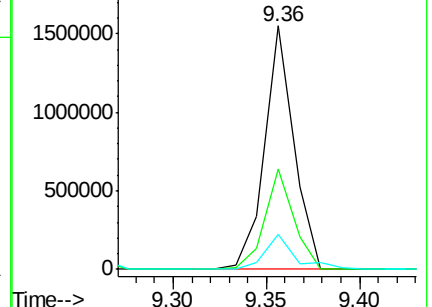
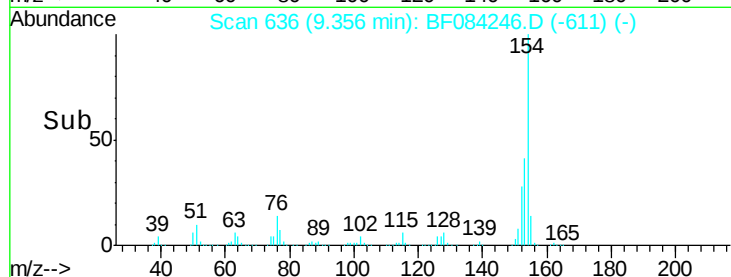
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.83 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

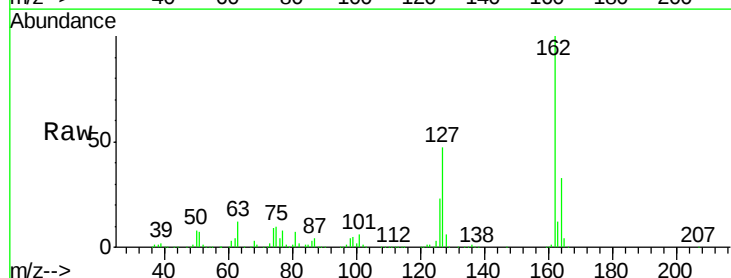
Tgt Ion:162 Resp: 1319971

Ion Ratio Lower Upper

162 100

127 47.3 40.2 60.4

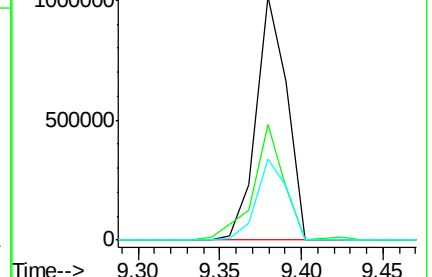
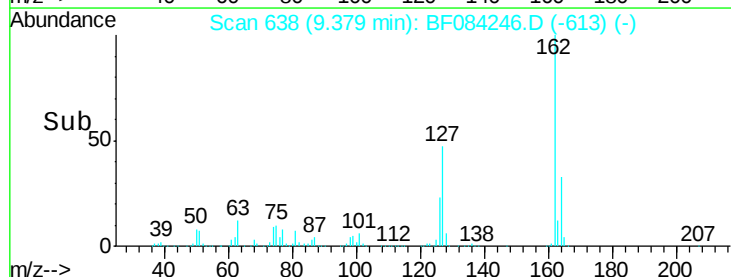
164 33.2 25.7 38.5

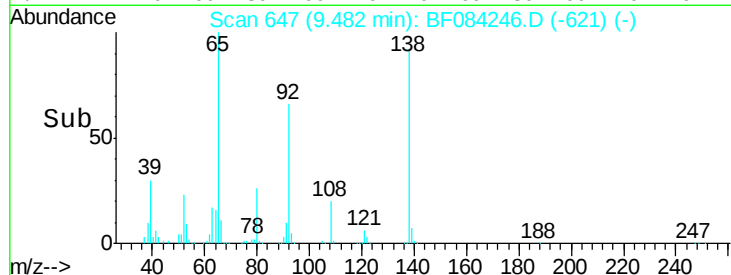
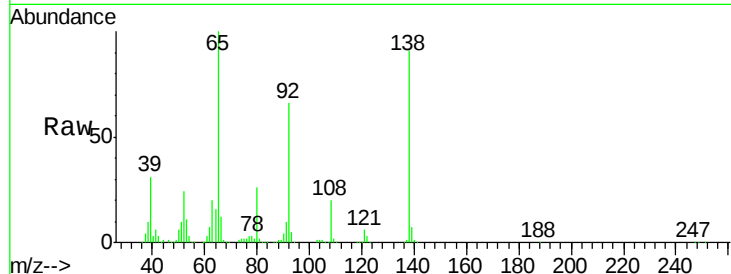
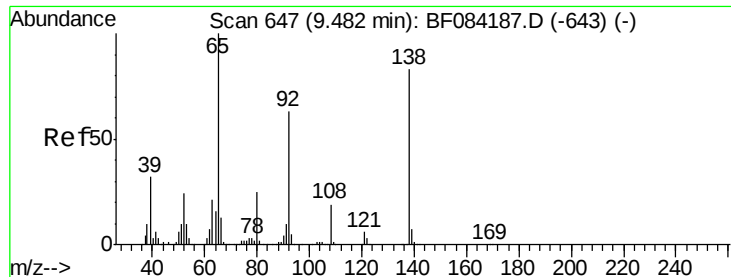


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





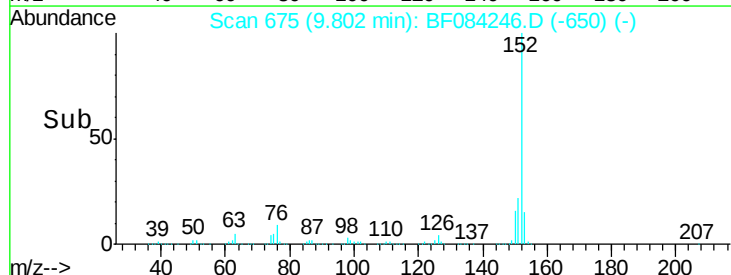
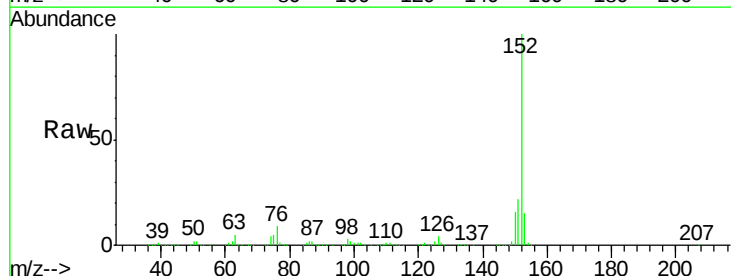
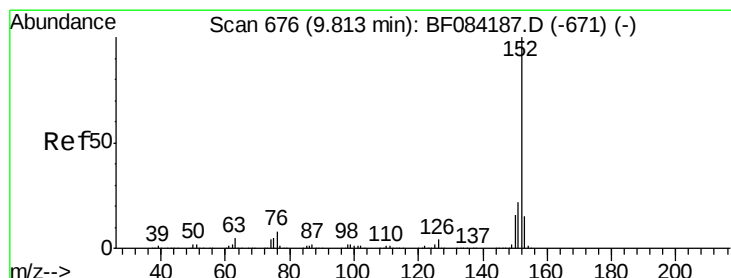
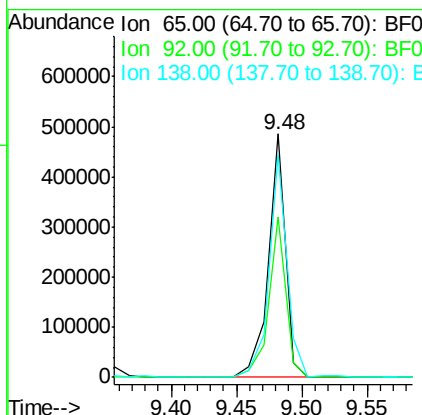
#47
2-Nitroaniline
Concen: 40.77 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.4	80.2
138	91.4	71.1	106.7

Instrument :
BNA_F
ClientSampleId :
PB87615BS

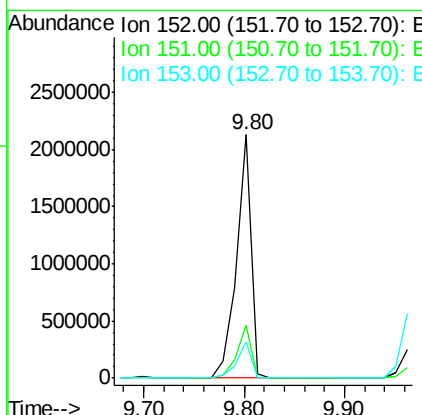
Manual Integrations
APPROVED

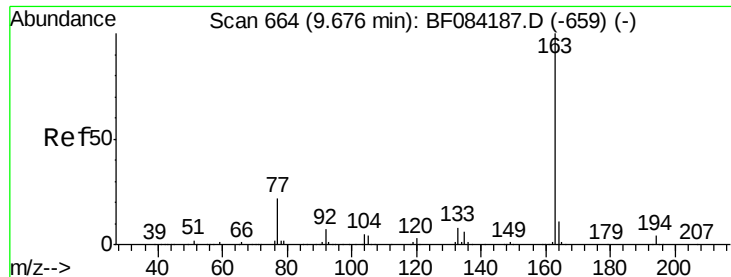
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#48
Acenaphthylene
Concen: 43.51 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	15.0	10.4	15.6





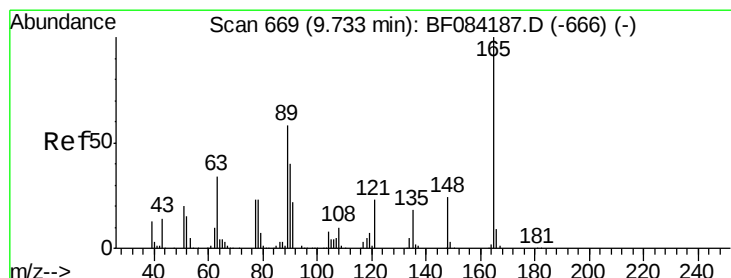
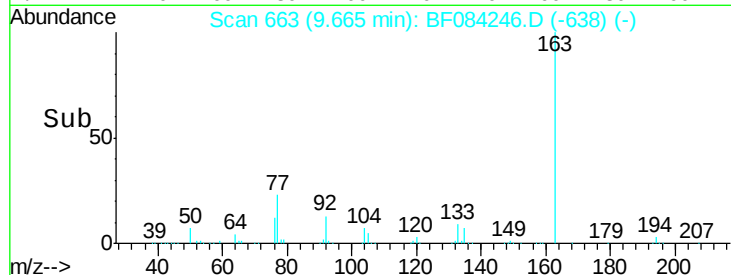
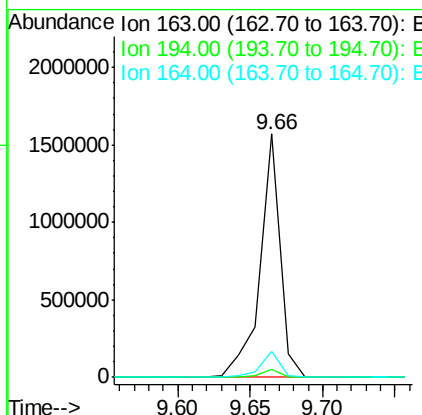
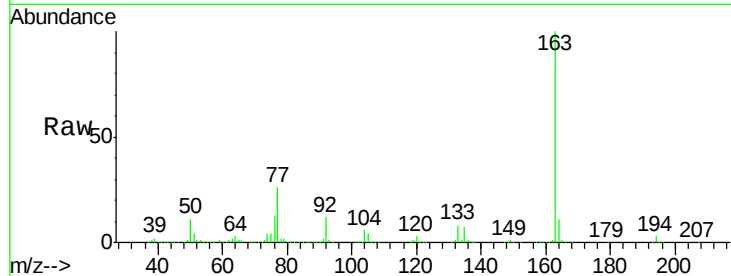
#49
Dimethylphthalate
Concen: 39.77 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion:163 Resp: 1509500
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.9 8.0 12.0

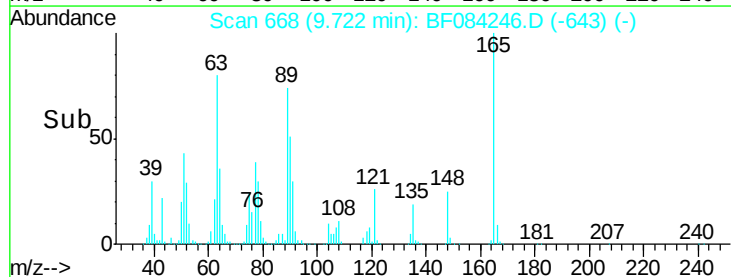
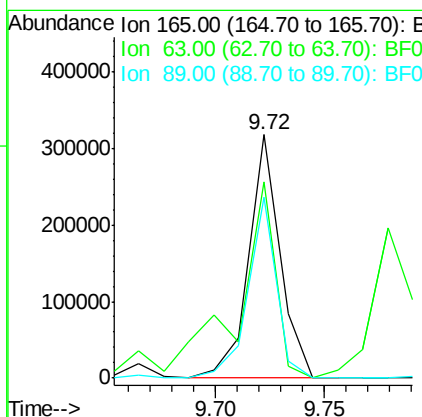
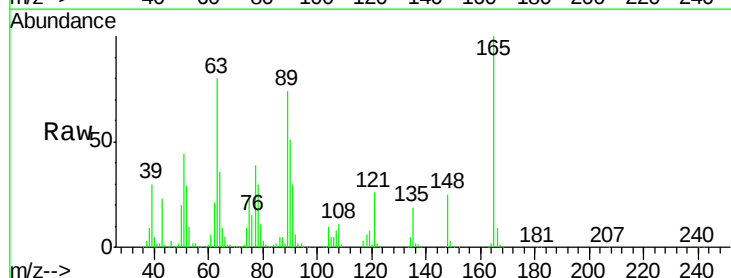
Manual Integrations
APPROVED

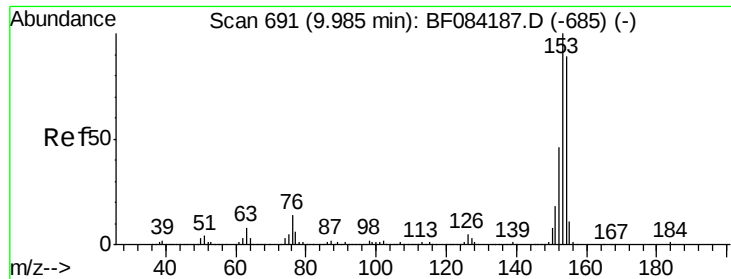
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#50
2,6-Dinitrotoluene
Concen: 38.29 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion:165 Resp: 318714
Ion Ratio Lower Upper
165 100
63 80.5 28.8 43.2#
89 74.1 35.1 52.7#





#51

Acenaphthene

Concen: 48.49 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:154 Resp: 1592762

Ion Ratio Lower Upper

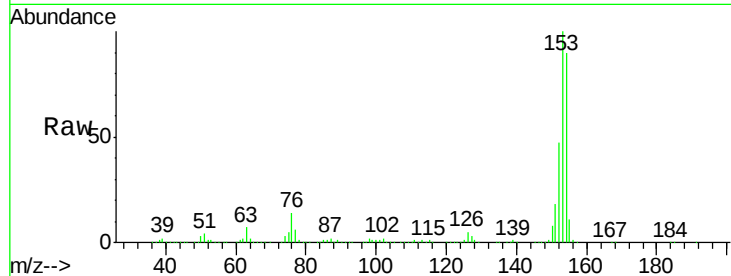
154 100

153 111.3 91.5 137.3

152 52.3 43.0 64.6

Manual Integrations
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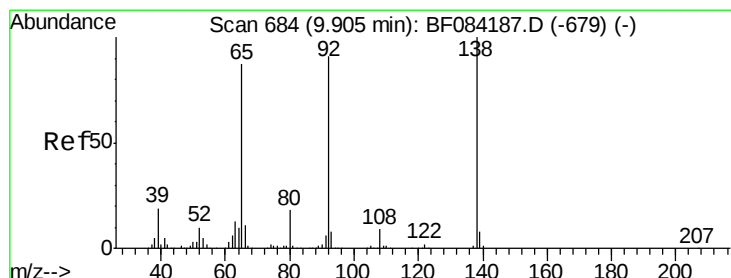
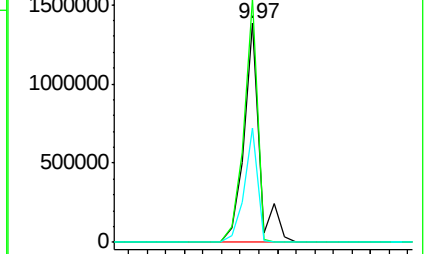
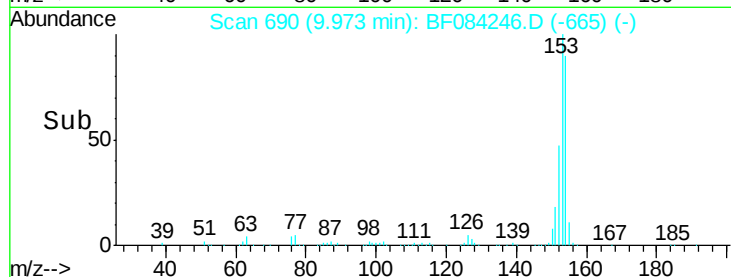
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.61 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

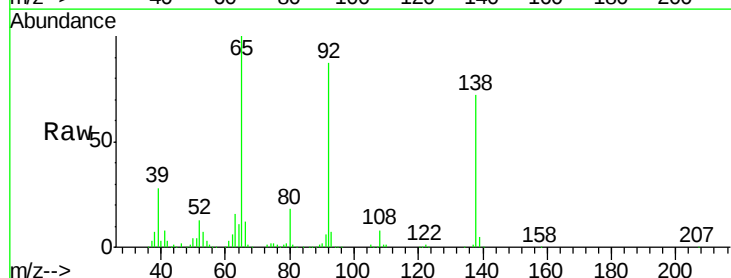
Tgt Ion:138 Resp: 222913

Ion Ratio Lower Upper

138 100

108 10.6 10.5 15.7

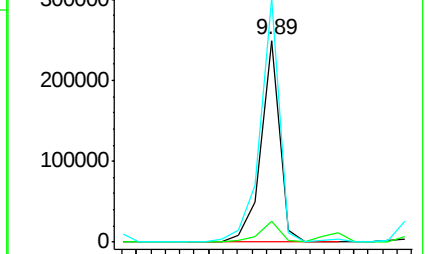
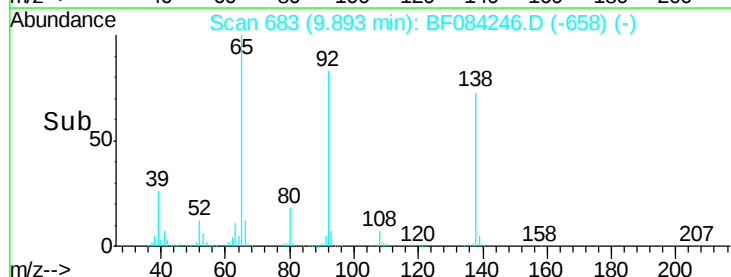
92 120.5 103.9 155.9

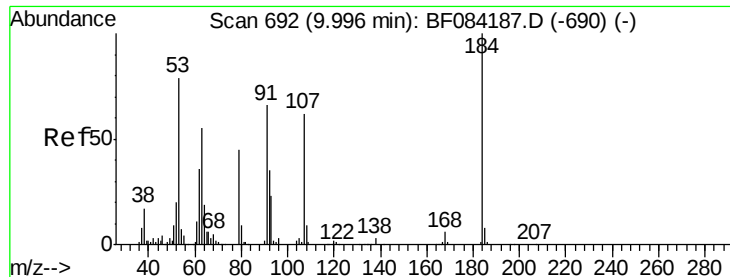


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





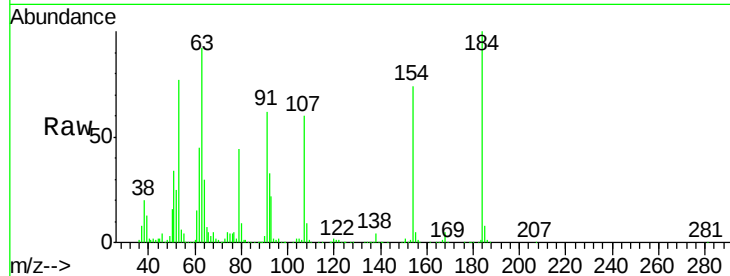
#53
2,4-Dinitrophenol
Concen: 89.41 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

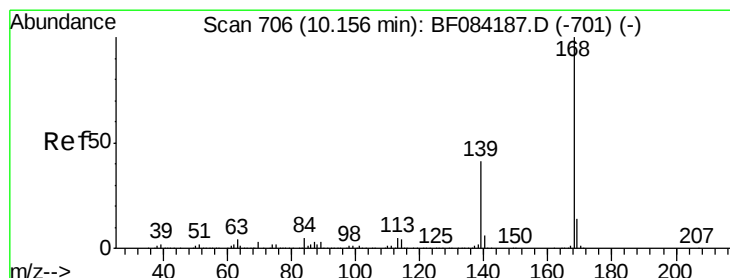
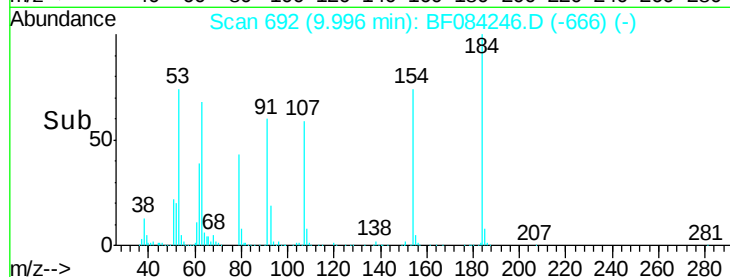
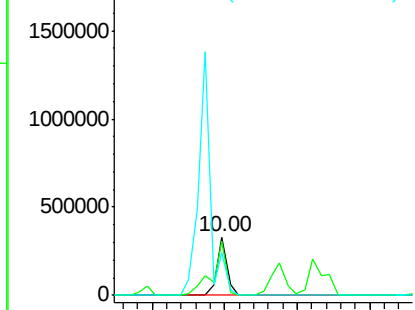
Tot Ion	Ratio	Resp	Lower	Upper
184	100	318592		
63	92.3	43.1	64.7#	
154	74.3	60.5	90.7	

Manual Integrations
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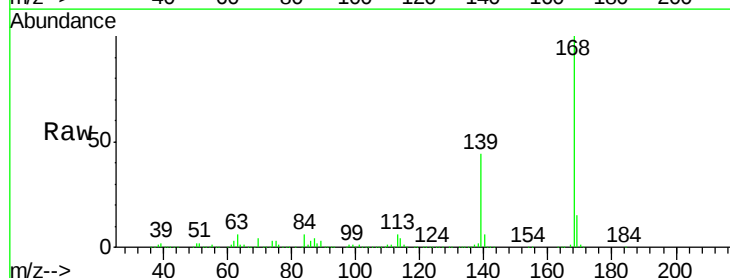


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

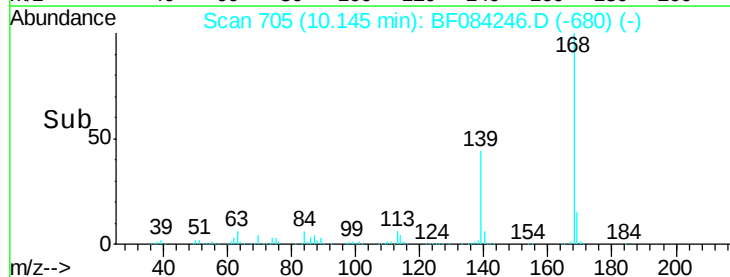
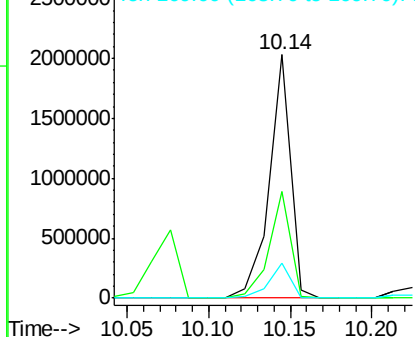


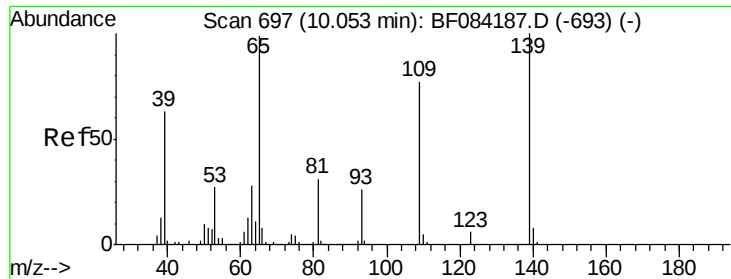
#54
Dibenzofuran
Concen: 43.47 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1853598		
139	43.9	30.5	45.7	
169	14.5	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





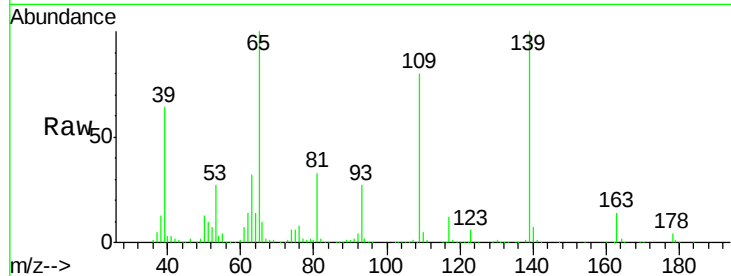
#55
4-Nitrophenol
Concen: 85.39 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	639368		
109	79.7	58.5	98.5	
65	99.5	57.6	97.6	

Manual Integrations
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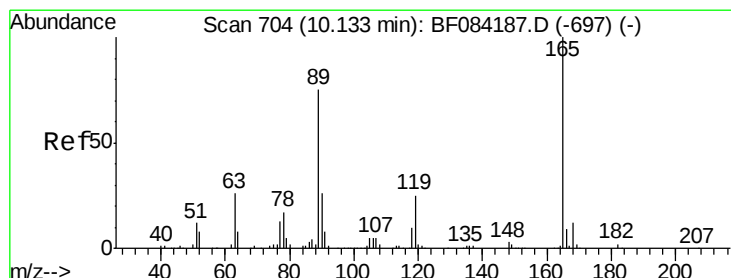
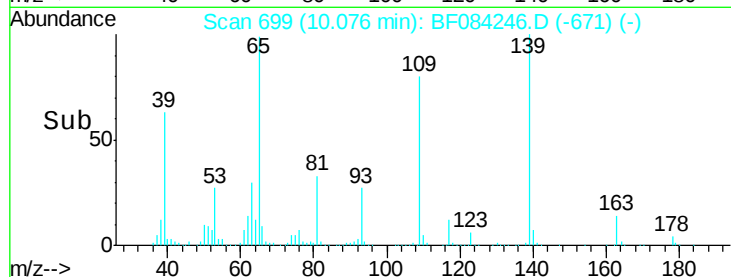
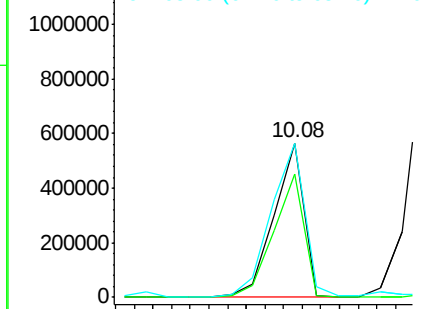


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 45.11 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	475317		
63	64.4	36.7	55.1	#
89	93.9	61.9	92.9	#
182	2.2	2.0	3.0	

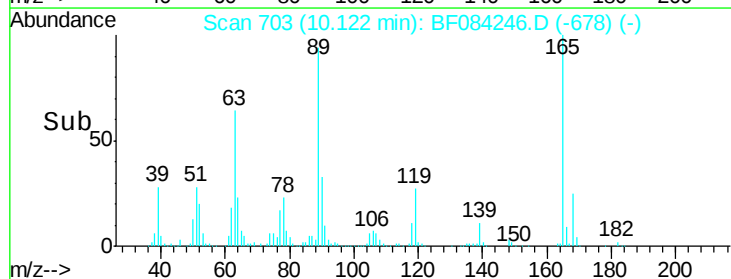
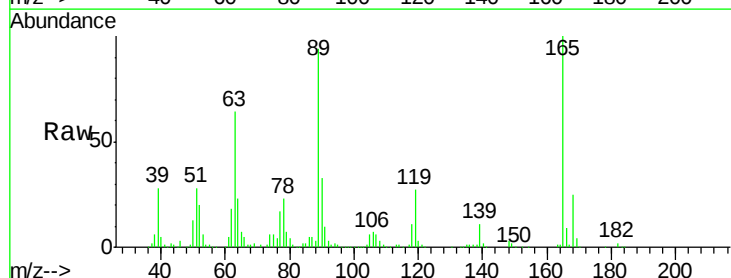
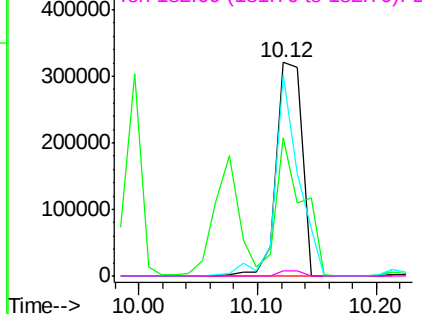
Abundance

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

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.62 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:166 Resp: 1468381

Ion Ratio Lower Upper

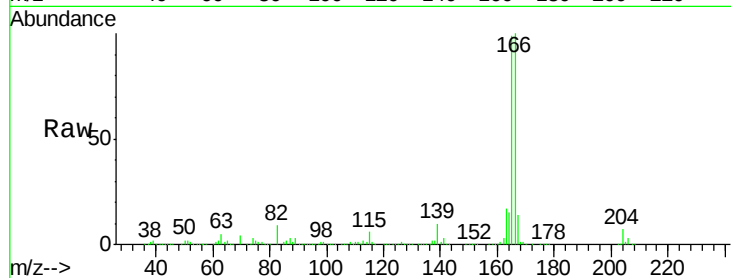
166 100

165 99.3 79.1 118.7

167 14.2 10.4 15.6

Manual Integrations
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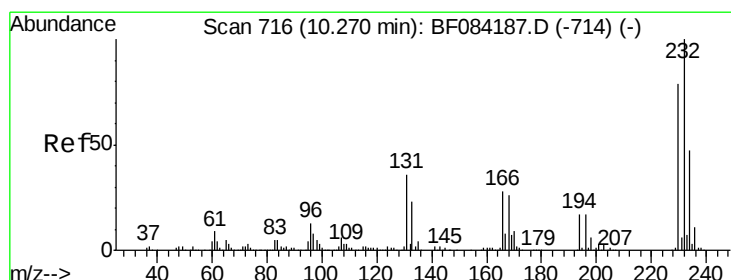
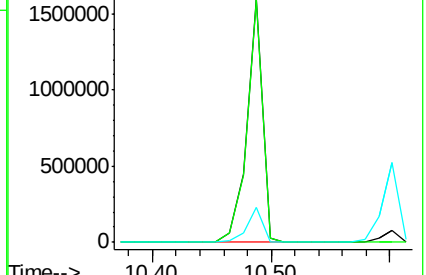
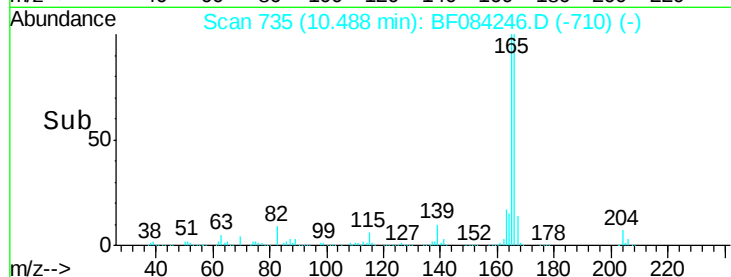
Sohil
1/5/2016 1:41:15 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.54 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:232 Resp: 360158

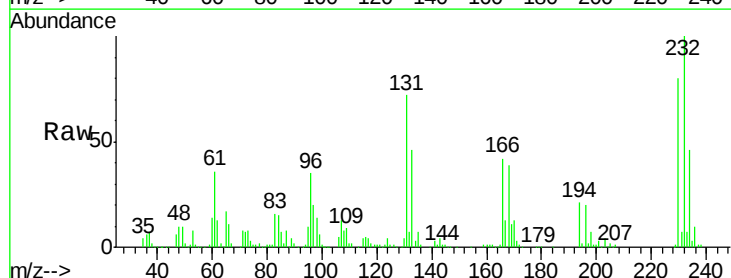
Ion Ratio Lower Upper

232 100

131 53.0 47.0 70.6

130 2.6 2.0 3.0

166 34.2 30.5 45.7

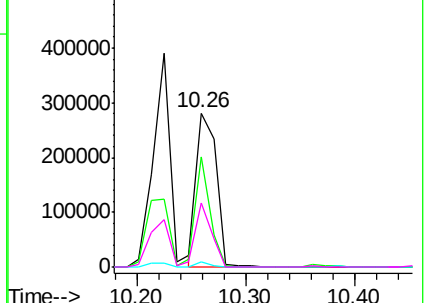
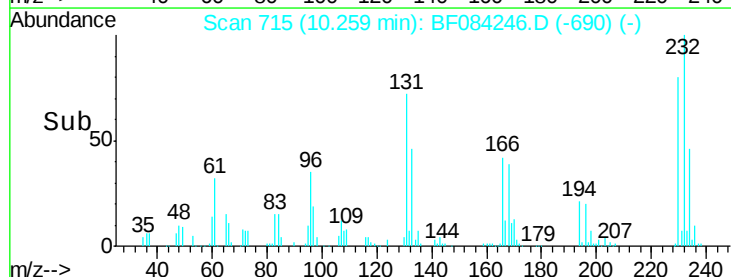


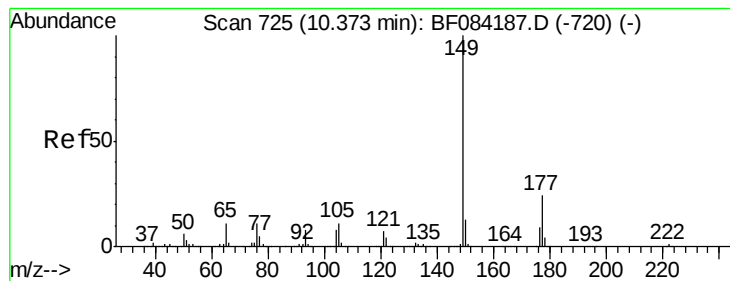
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.75 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:149 Resp: 1487500

Ion Ratio Lower Upper

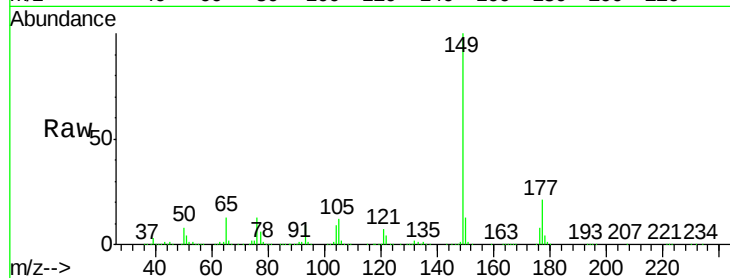
149 100

177 21.2 17.3 25.9

150 13.4 9.8 14.8

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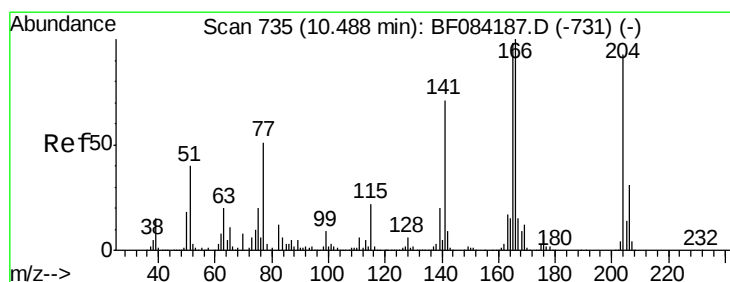
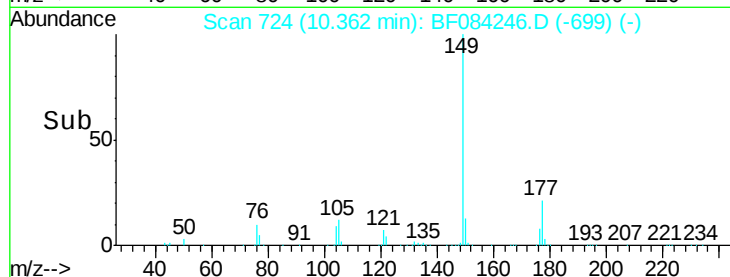
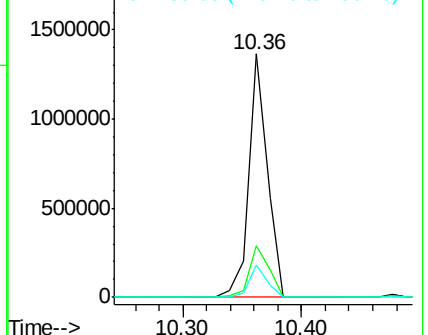
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.82 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

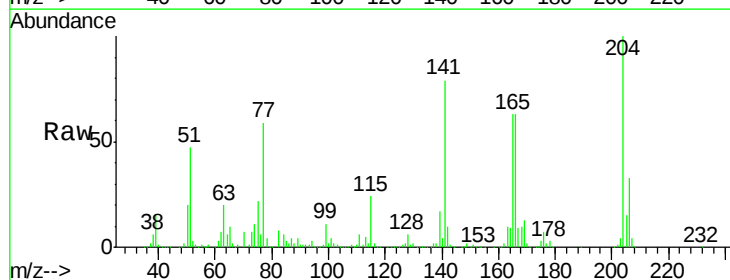
Tgt Ion:204 Resp: 611112

Ion Ratio Lower Upper

204 100

206 32.6 25.7 38.5

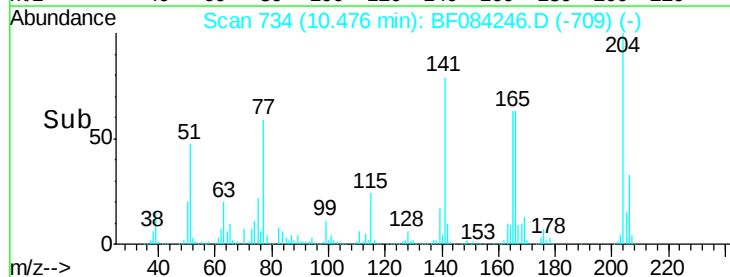
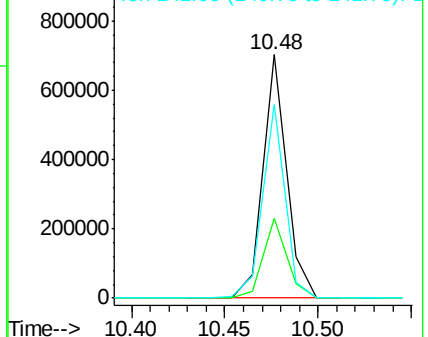
141 79.4 55.1 82.7



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





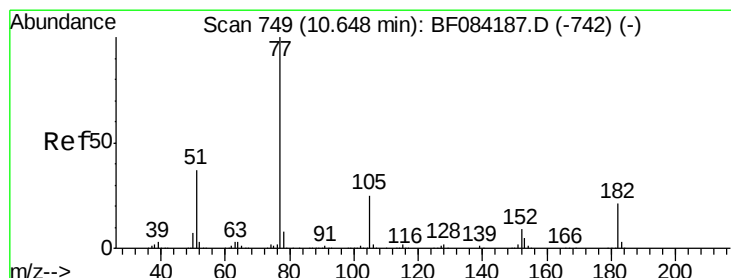
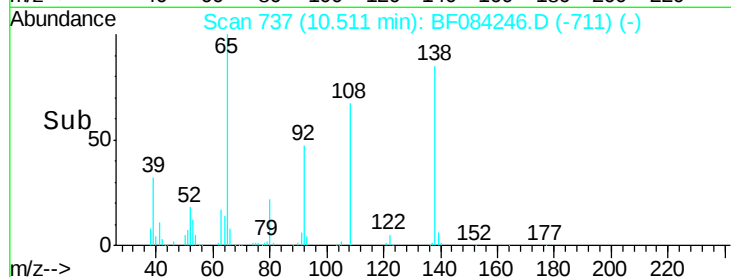
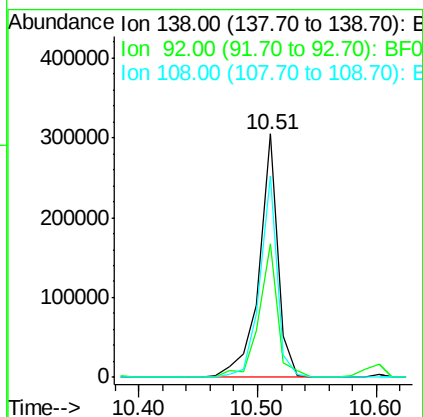
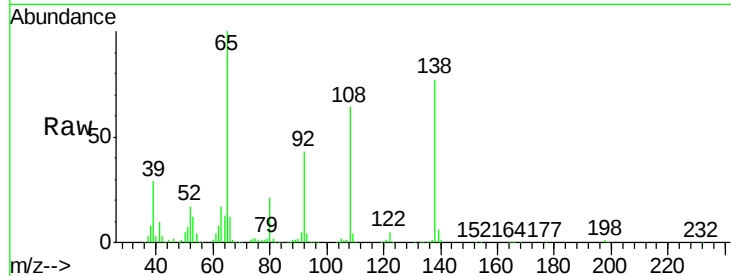
#61
4-Nitroaniline
Concen: 36.88 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.0	32.6	72.6
108	82.6	68.6	108.6

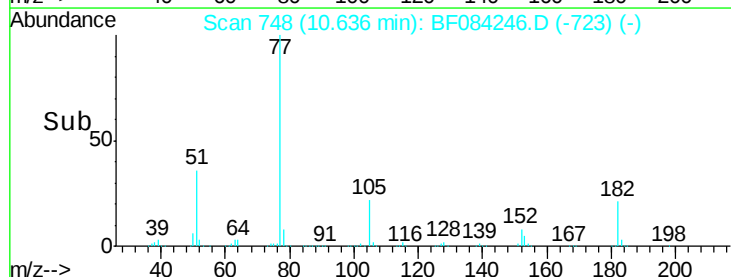
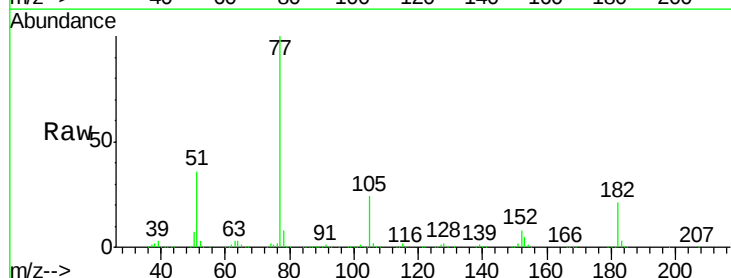
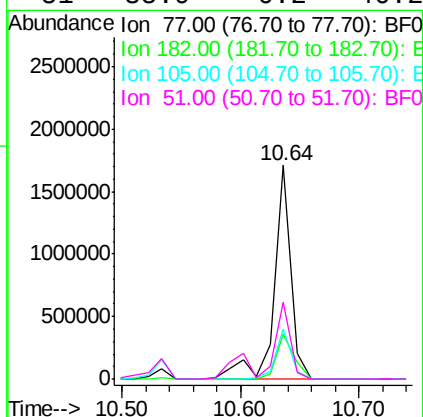
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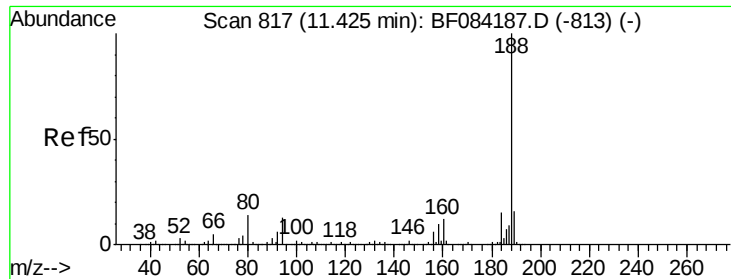
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#62
Azobenzene
Concen: 41.04 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	8.3	48.3
105	23.6	4.6	44.6
51	35.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

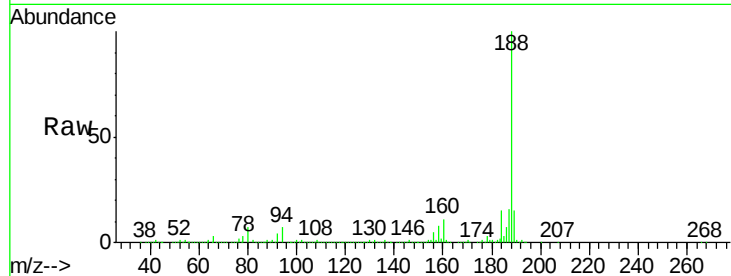
ClientSampleId :

PB87615BS

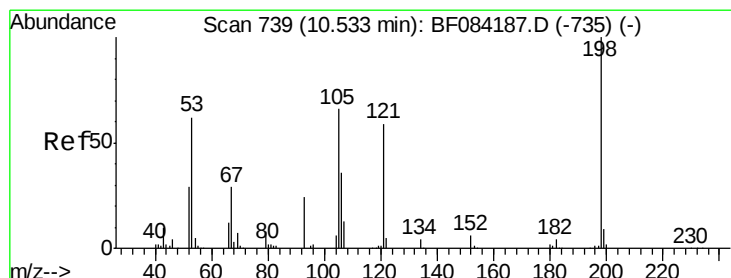
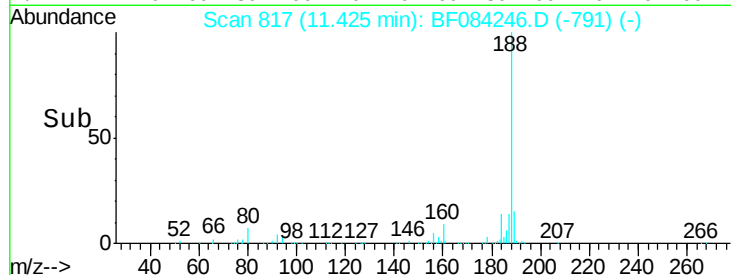
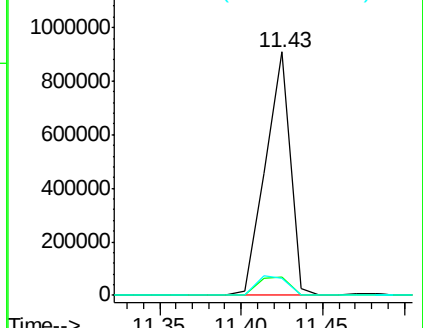
Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		967558		
94	7.3		9.0	13.4#	
80	7.2		9.6	14.4#	

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 41.06 ng

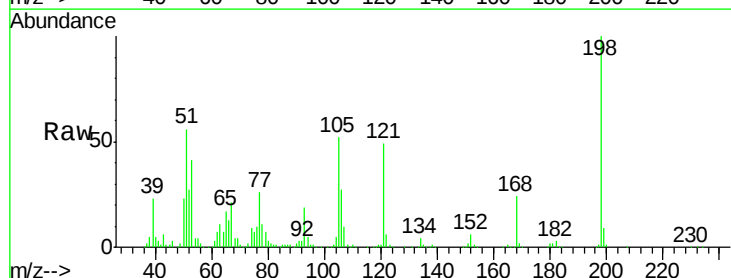
RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

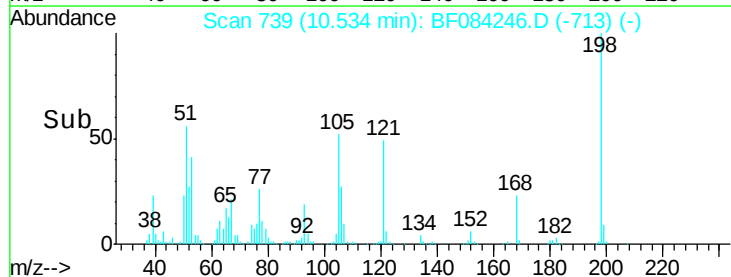
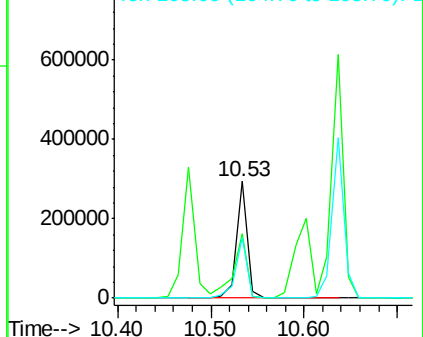
Lab File: BF084246.D

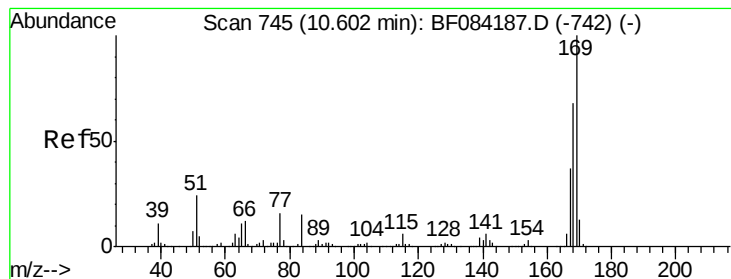
Acq: 4 Jan 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		242625		
51	55.6		18.9	58.9	
105	51.7		26.4	66.4	



Abundance Ion 198.00 (197.70 to 198.70): E





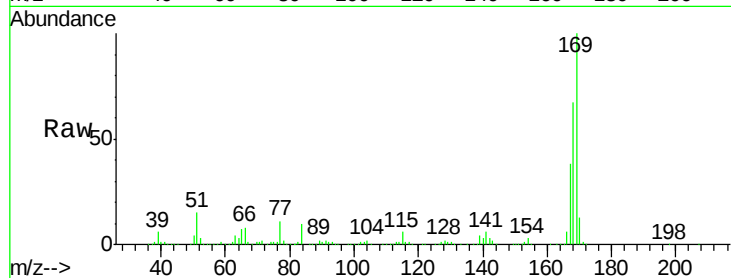
#65
 n-Nitrosodiphenylamine
 Concen: 43.12 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

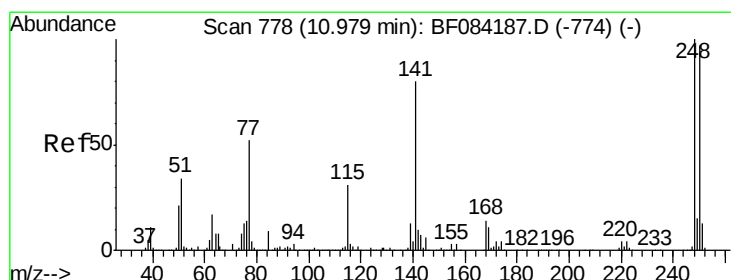
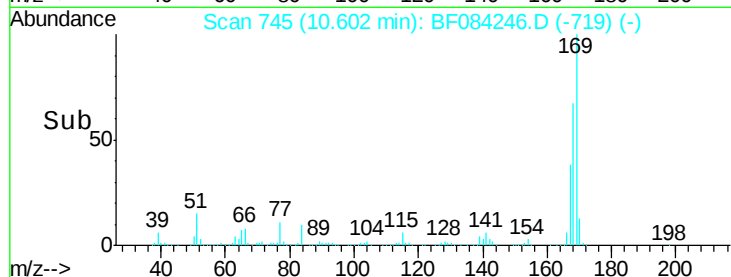
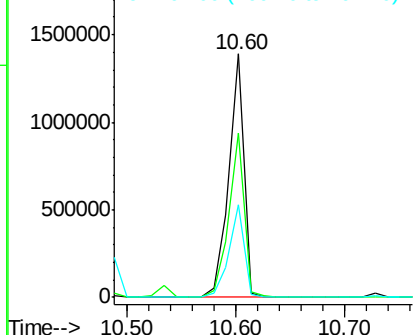
Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.5	55.1	82.7	
167	37.8	30.0	45.0	

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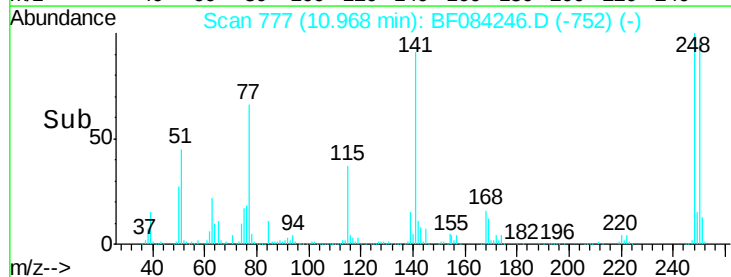
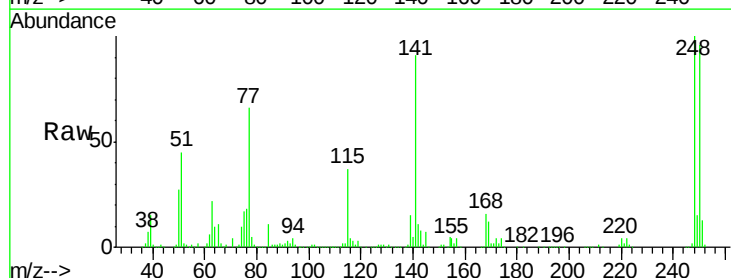
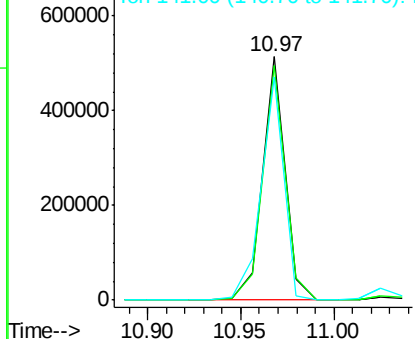
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

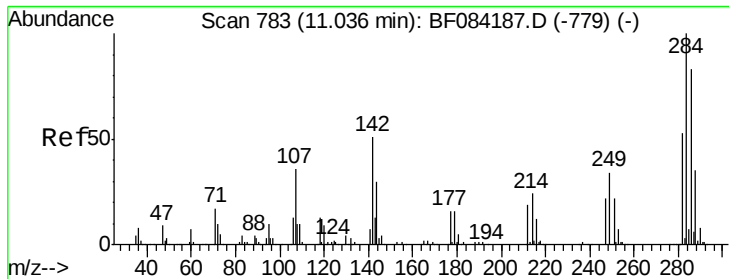


#66
 4-Bromophenyl-phenylether
 Concen: 40.83 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	96.5	78.4	117.6	
141	91.5	44.0	66.0	

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.27 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

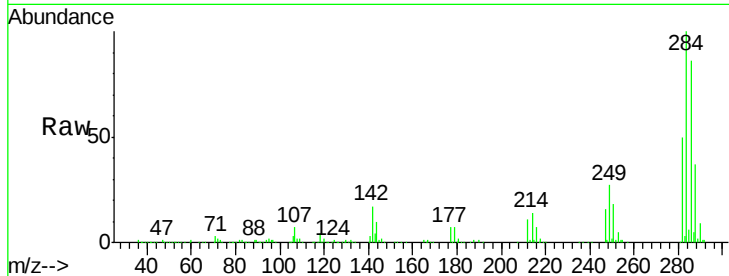
ClientSampleId :

PB87615BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	483747		
142	16.7	22.2	33.4#	
249	27.0	24.6	37.0	

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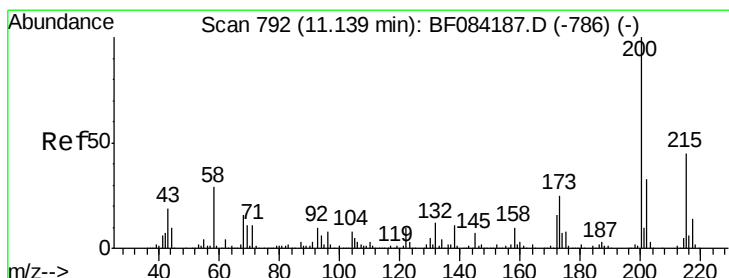
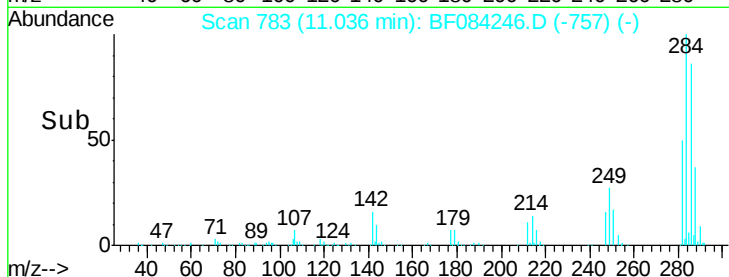
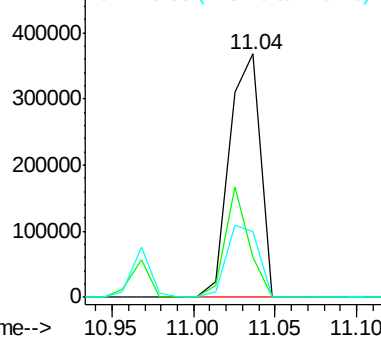
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.25 ng

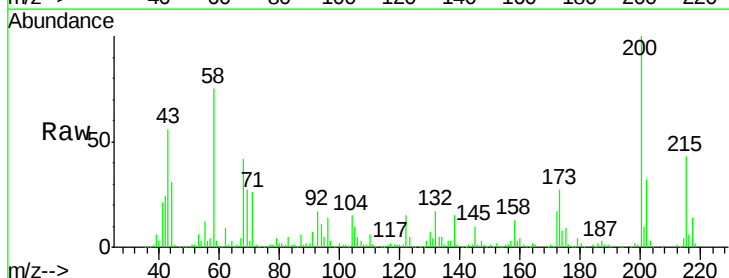
RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

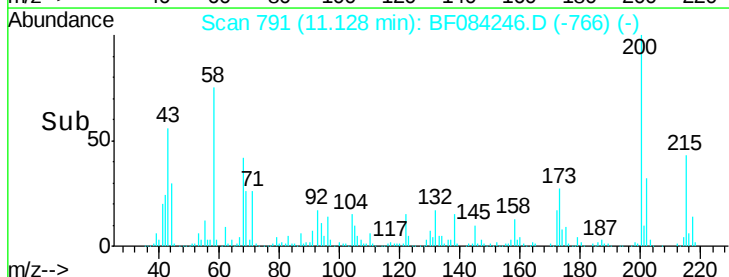
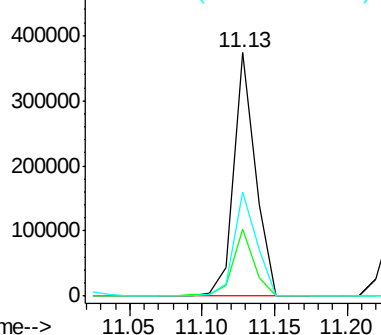
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	387234		
173	27.3	9.5	49.5	
215	42.6	23.8	63.8	



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.62 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

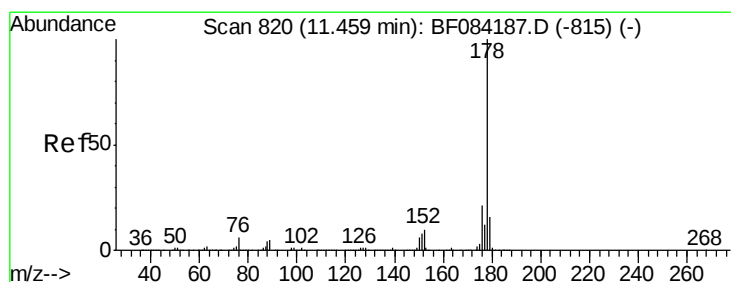
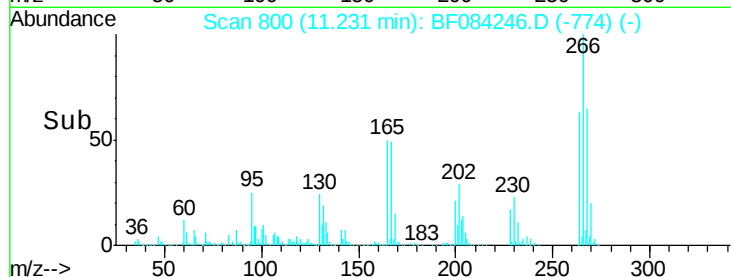
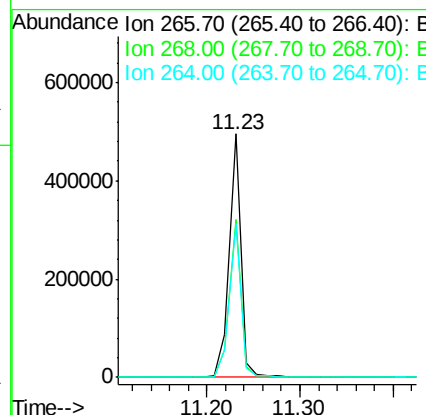
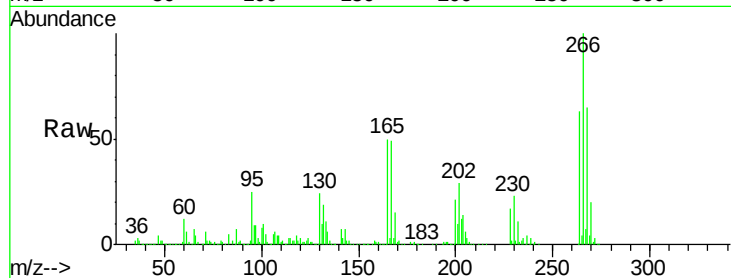
ClientSampleId :

PB87615BS

Tot Ion:	266	Resp:	435291
Ion Ratio	Lower	Upper	
266	100		
268	64.8	52.4	78.6
264	63.3	50.2	75.2

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#70

Phenanthrene

Concen: 42.00 ng

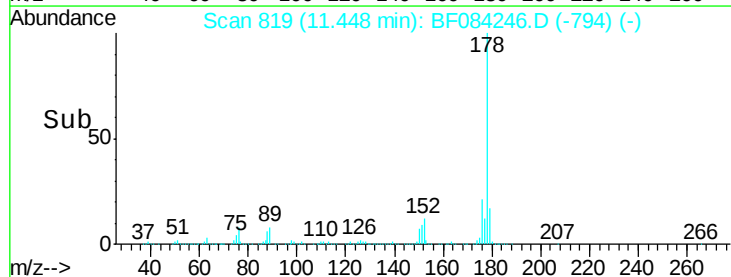
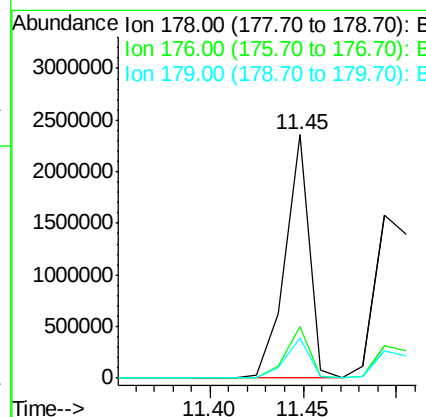
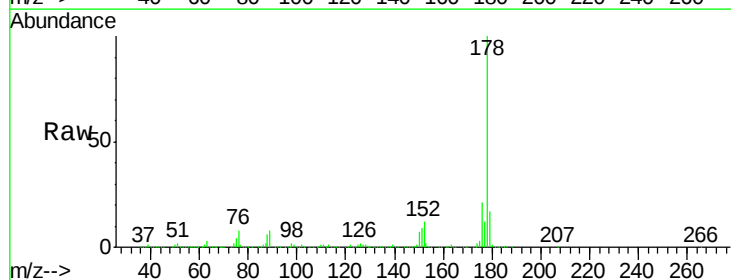
RT: 11.45 min Scan# 819

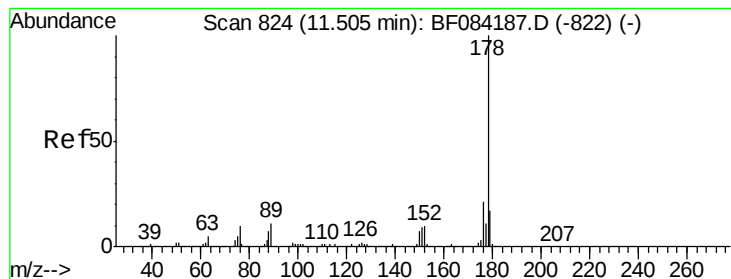
Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:	178	Resp:	2125423
Ion Ratio	Lower	Upper	
178	100		
176	21.3	15.3	22.9
179	16.7	12.0	18.0





#71

Anthracene

Concen: 42.73 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Tot Ion:178 Resp: 2119982

Ion Ratio Lower Upper

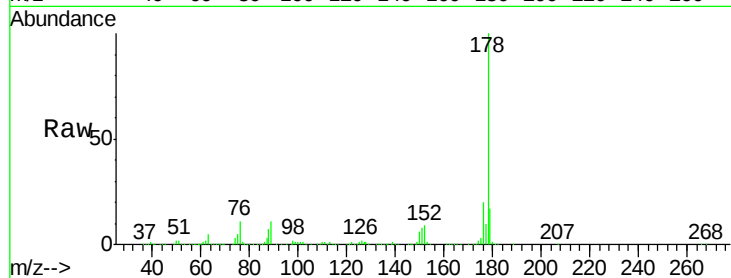
178 100

176 19.9 15.4 23.0

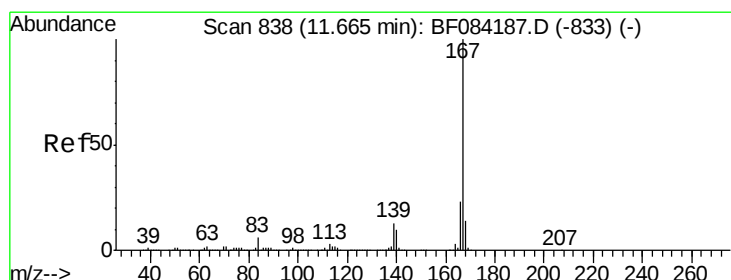
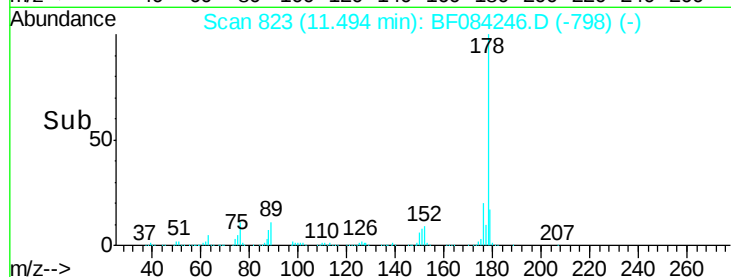
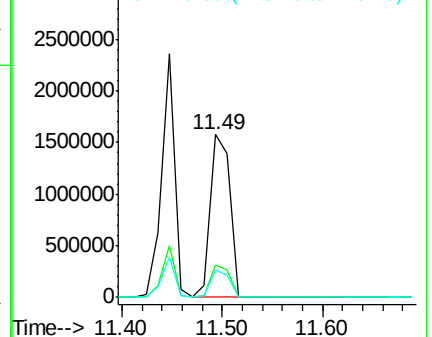
179 16.6 12.5 18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.06 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

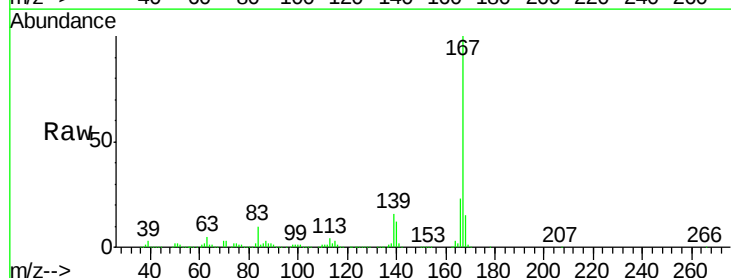
Tgt Ion:167 Resp: 1651819

Ion Ratio Lower Upper

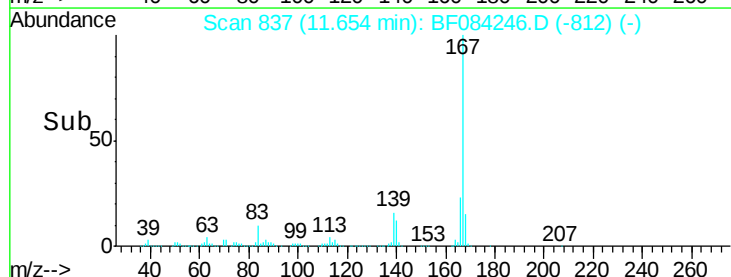
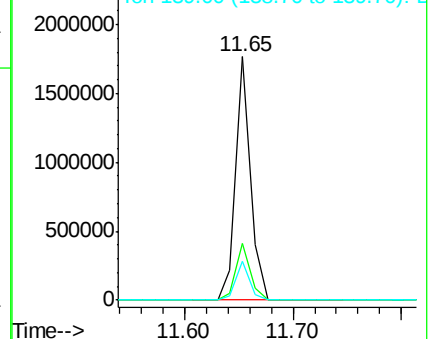
167 100

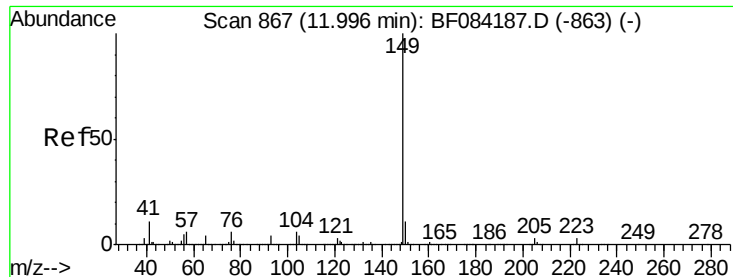
166 23.4 17.6 26.4

139 16.0 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.38 ng

RT: 11.99 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

ClientSampled :

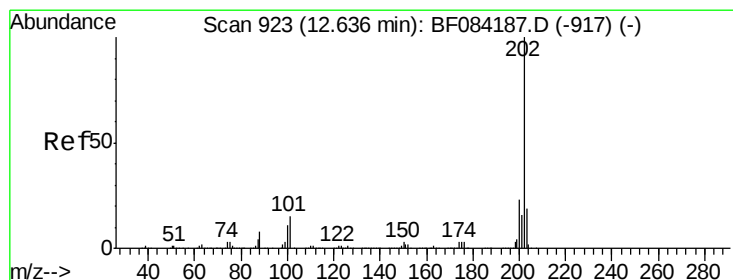
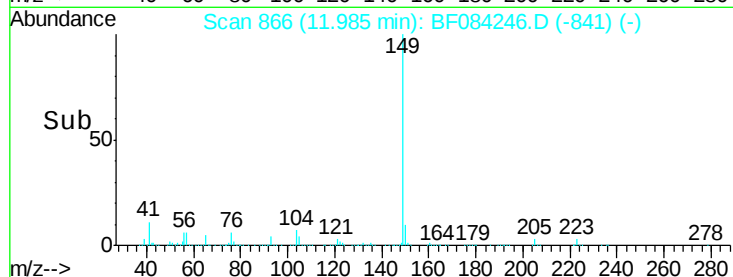
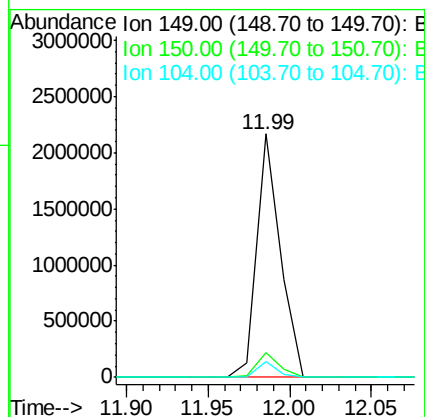
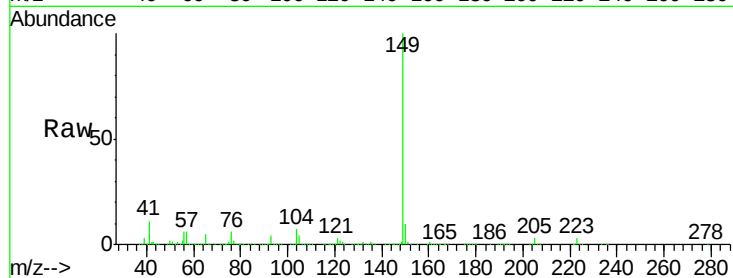
PB87615BS

Tot Ion:149 Resp: 2178360

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.1	10.7
104	6.5	3.2	4.8

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#74

Fluoranthene

Concen: 40.20 ng

RT: 12.64 min Scan# 923

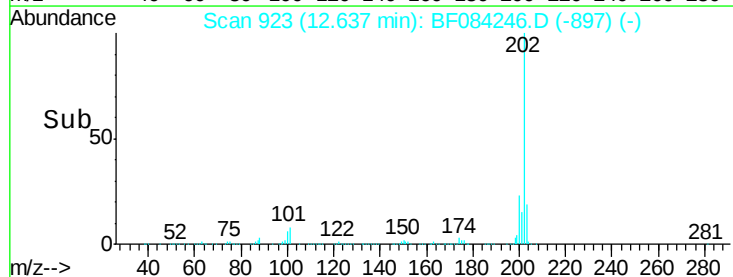
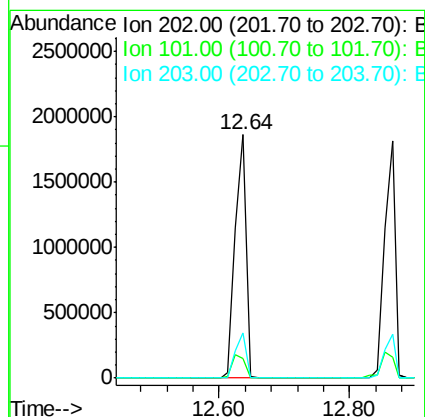
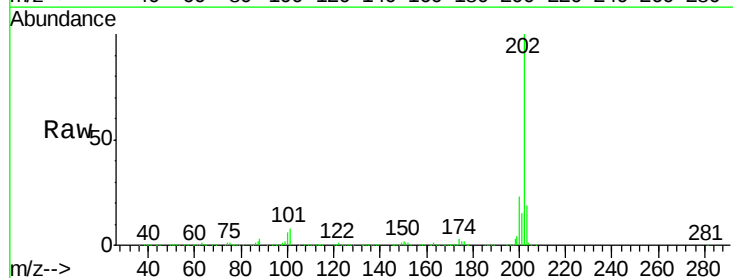
Delta R.T. 0.00 min

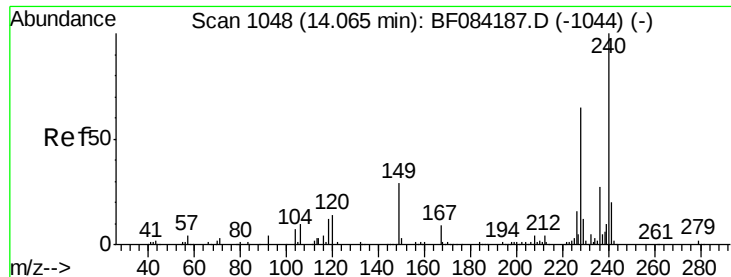
Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:202 Resp: 2125189

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	32.8
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

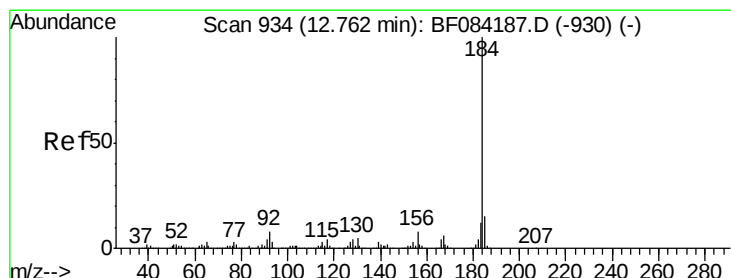
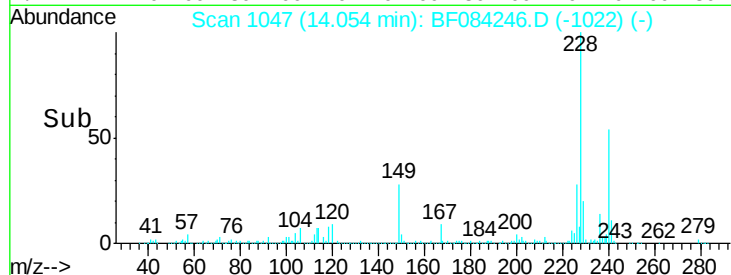
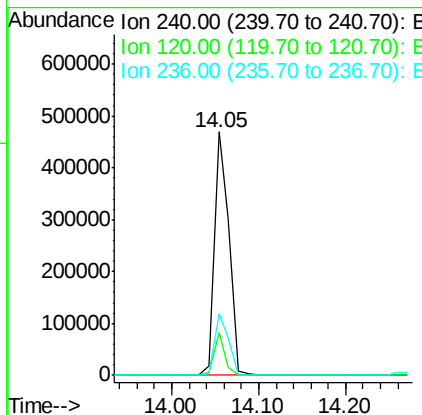
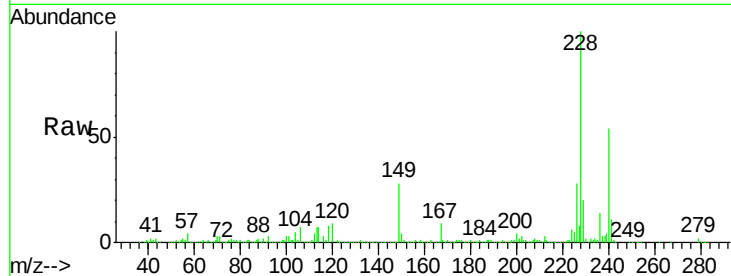
ClientSampleId :

PB87615BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.3	9.5	14.3
236	25.3	20.6	31.0

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#76

Benzidine

Concen: 22.26 ng

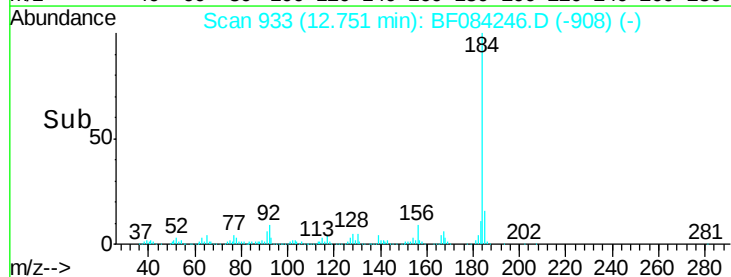
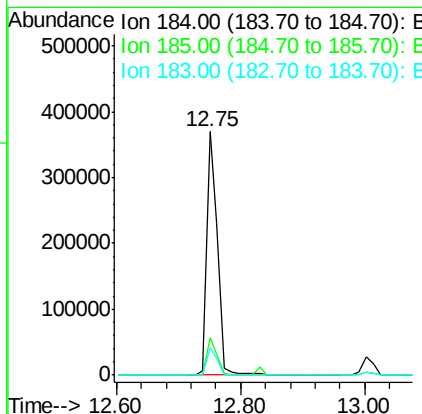
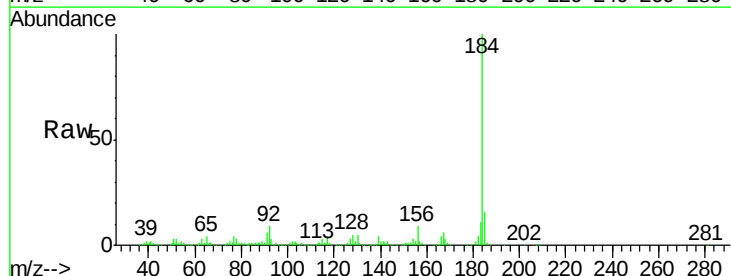
RT: 12.75 min Scan# 933

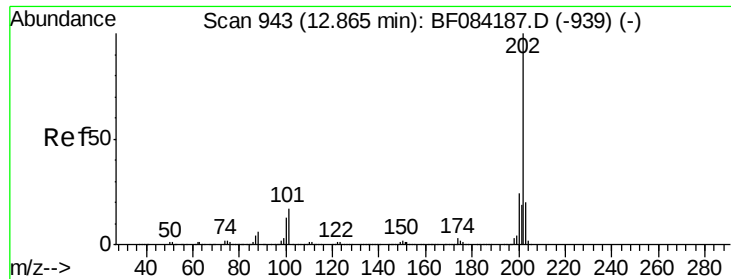
Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	11.1	9.8	14.8





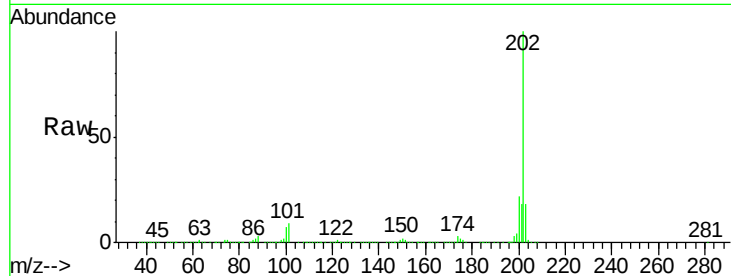
#77
Pvrene
Concen: 48.30 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.4	14.3	21.5

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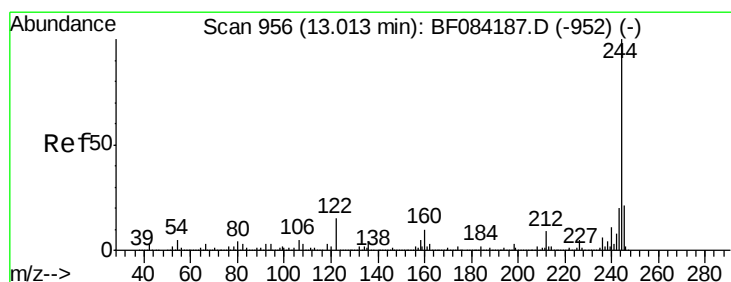
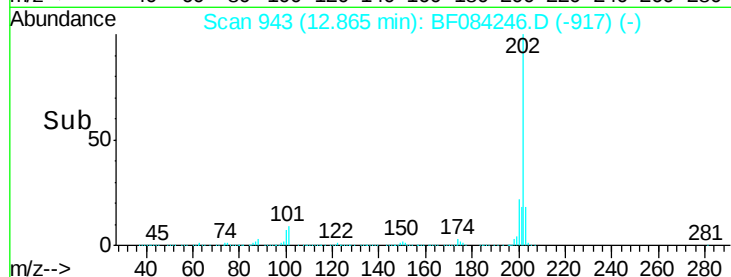
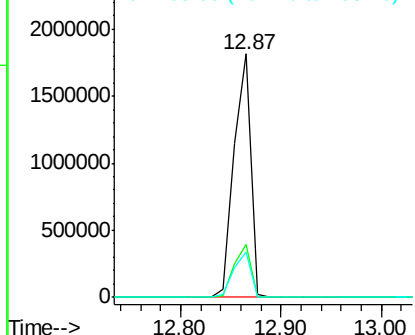


Abundance

Ion 202.00 (201.70 to 202.70): E

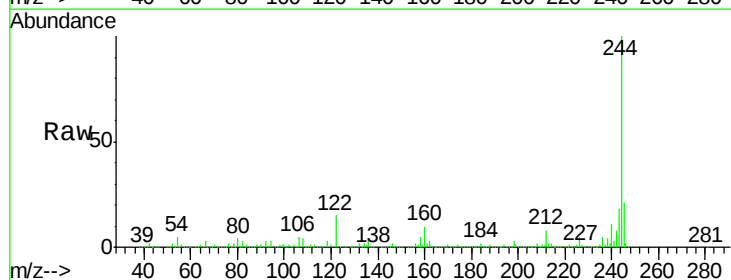
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 93.28 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.1	7.4	11.0

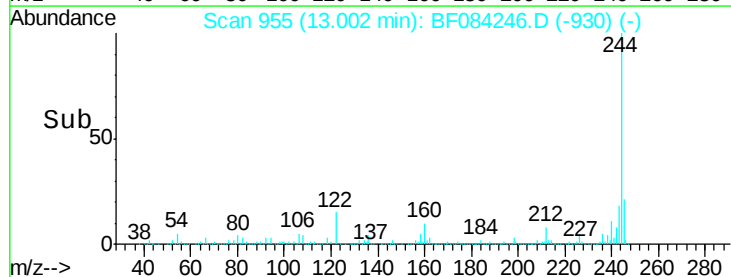
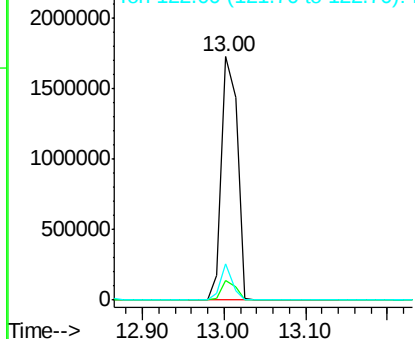


Abundance

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





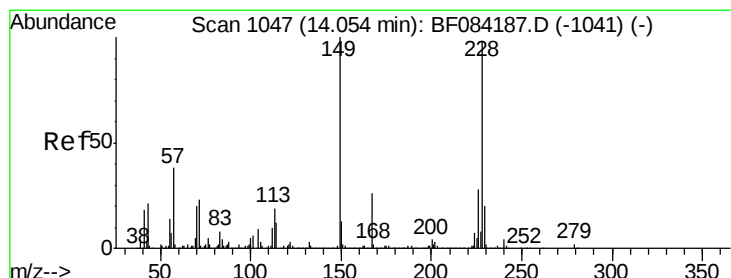
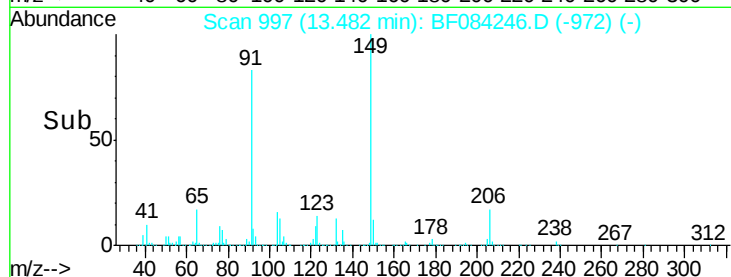
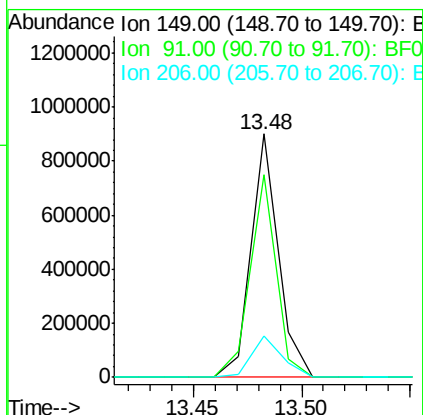
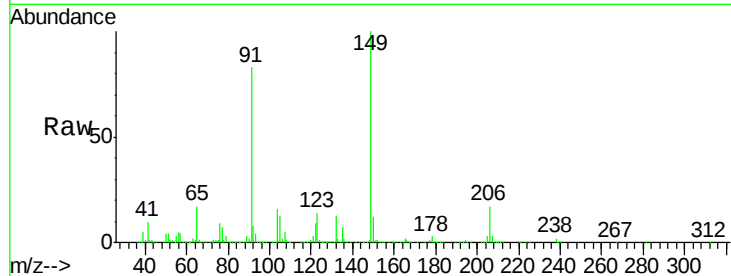
#79
Butylbenzylphthalate
Concen: 42.03 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.4	57.6	86.4
206	17.1	13.2	19.8

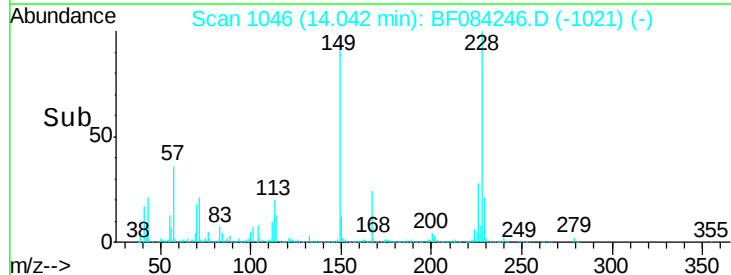
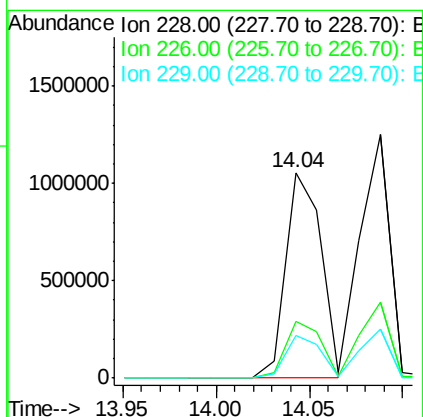
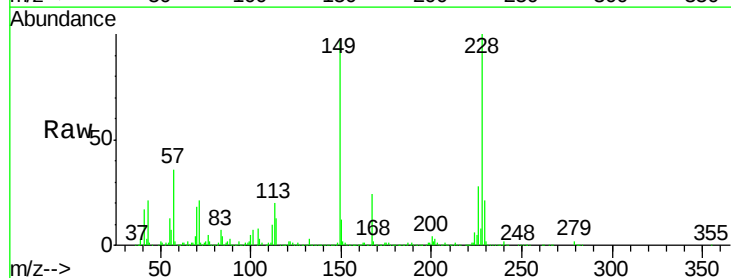
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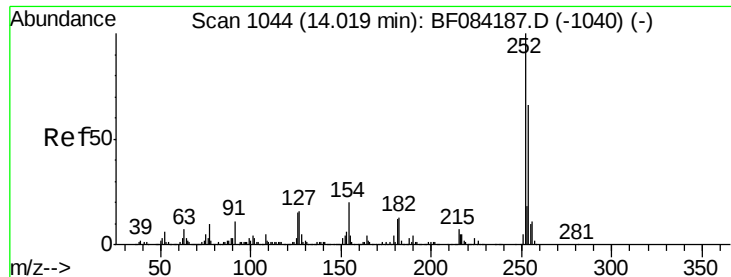
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#80
Benzo(a)anthracene
Concen: 43.19 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	20.7	15.8	23.8





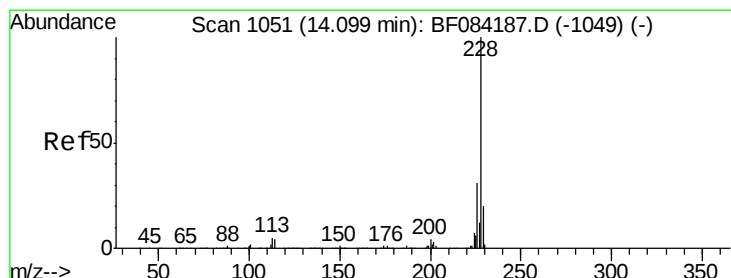
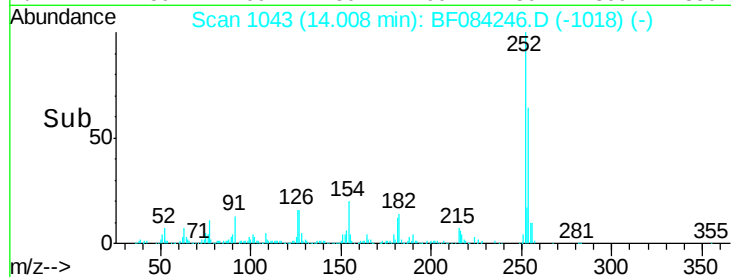
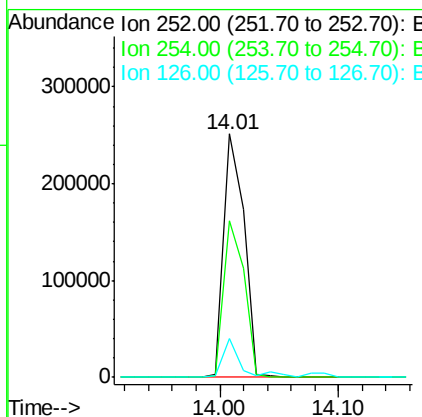
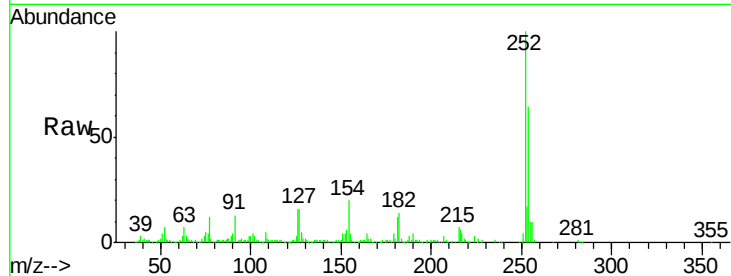
#81
 3,3'-Dichlorobenzidine
 Concen: 26.49 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	299494		
254	64.1	53.5	80.3	
126	15.9	4.9	7.3	

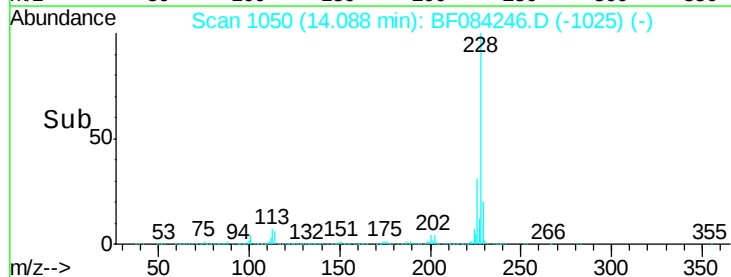
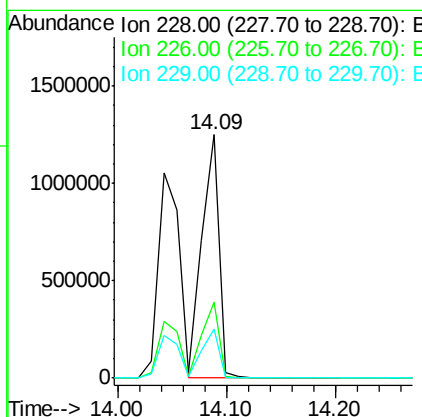
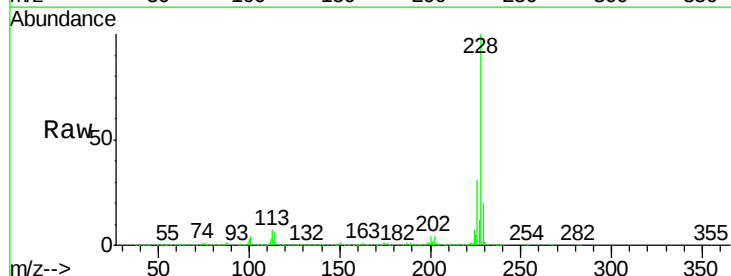
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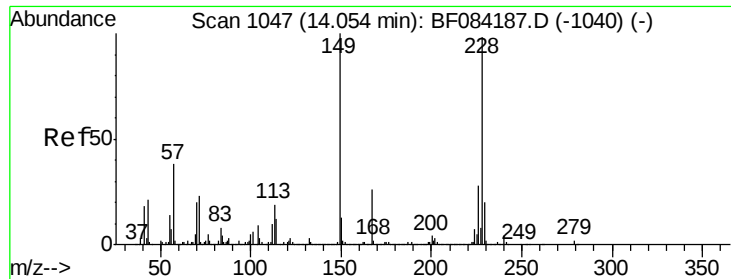
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#82
 Chrysene
 Concen: 44.14 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1374077		
226	31.0	24.3	36.5	
229	20.3	16.1	24.1	





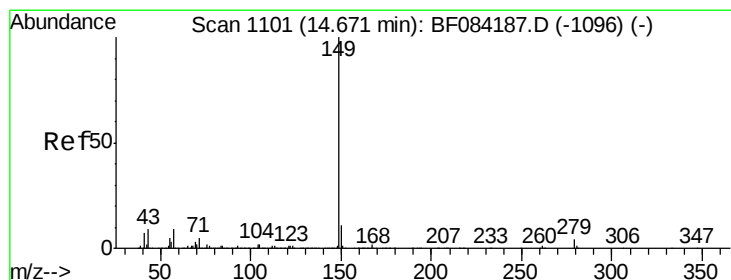
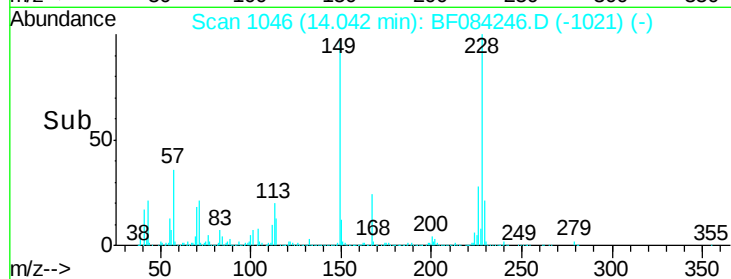
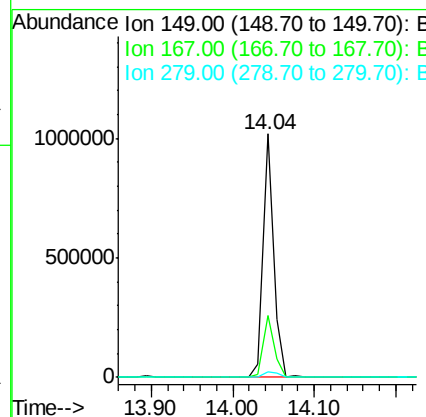
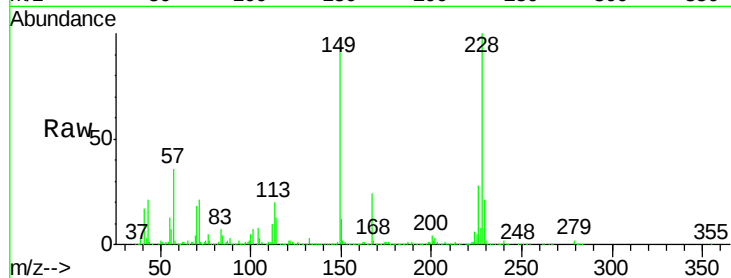
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.63 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		914420		
167	25.2		19.7	29.5	
279	2.2		1.8	2.6	

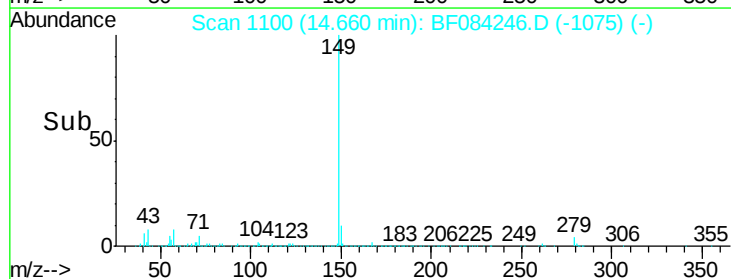
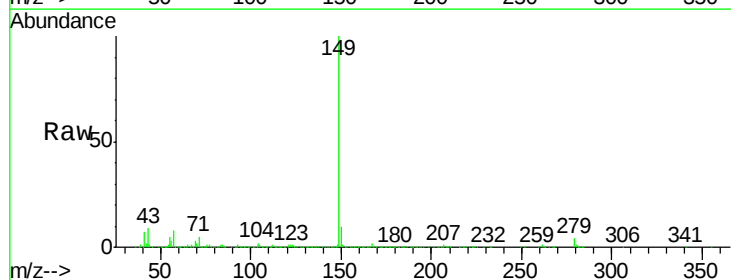
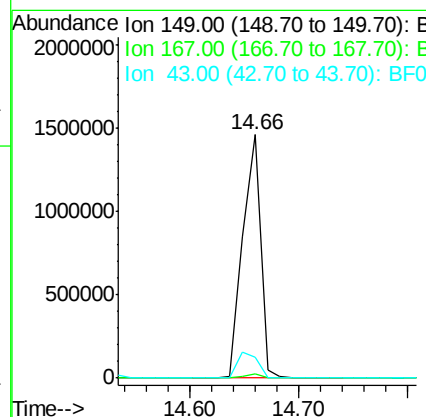
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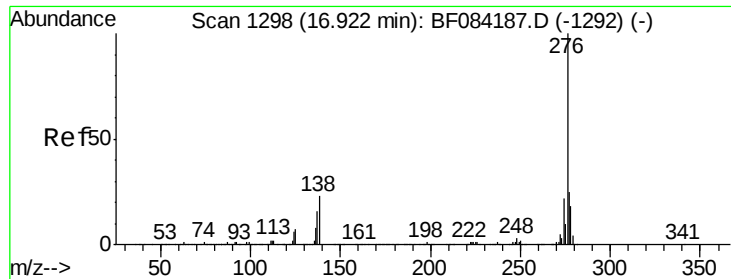
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#84
 Di-n-octyl phthalate
 Concen: 40.78 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF084246.D
 Acq: 4 Jan 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1629470		
167	1.5		1.2	1.8	
43	11.7		5.6	8.4	





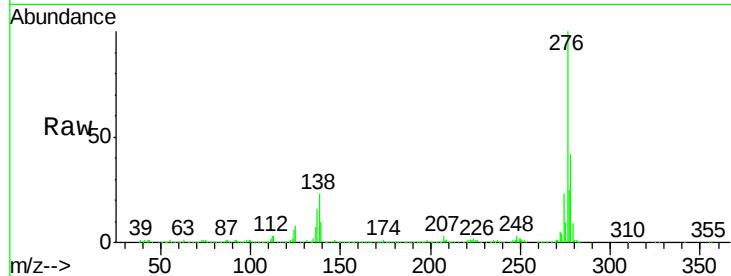
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.19 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

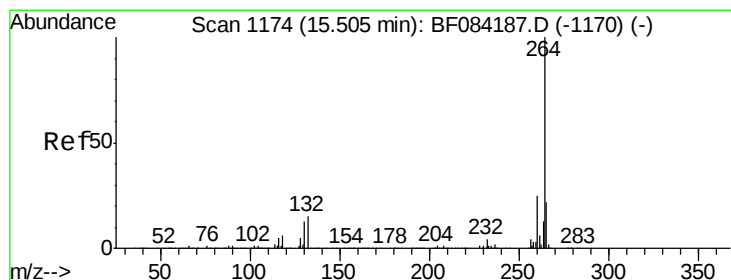
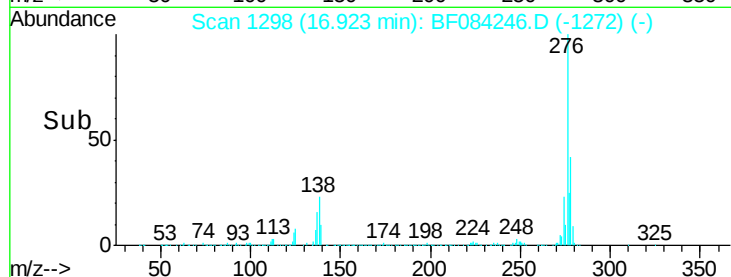
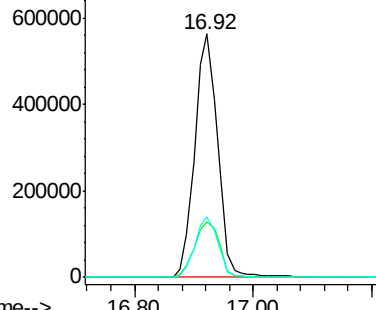
Tot Ion:276 Resp: 1510043
Ion Ratio Lower Upper
276 100
138 25.2 20.6 30.8
277 25.3 20.1 30.1

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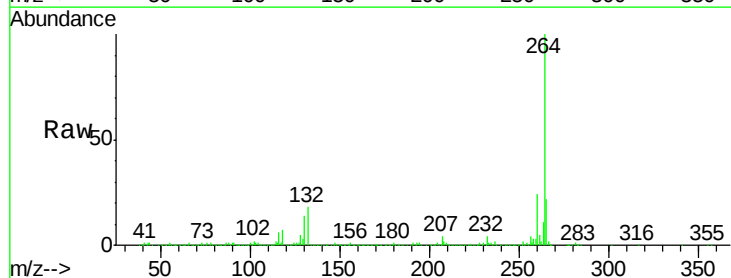


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

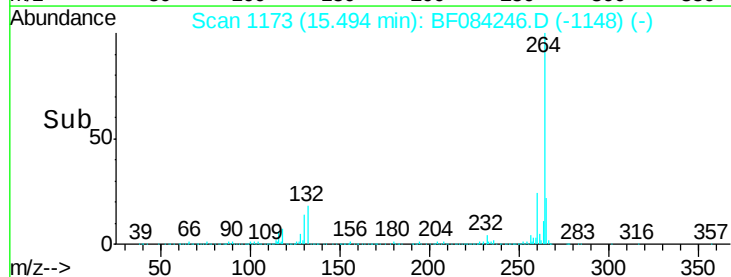
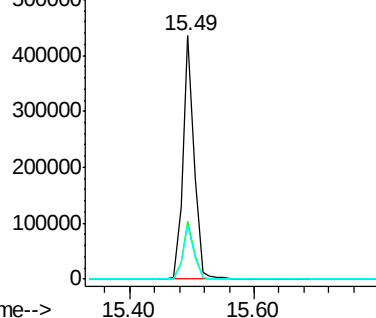


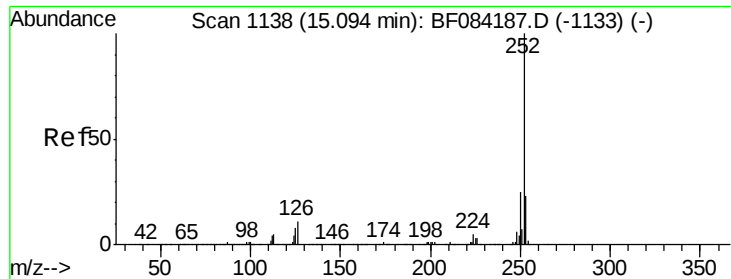
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion:264 Resp: 531877
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.19 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Instrument :

BNA_F

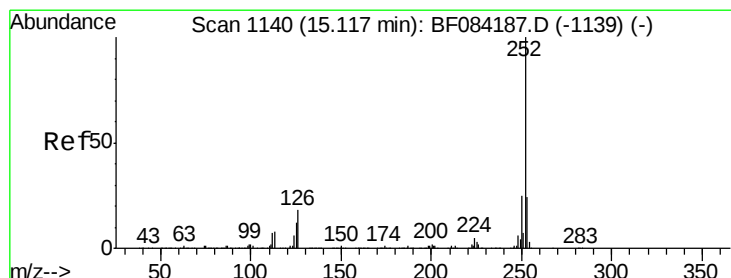
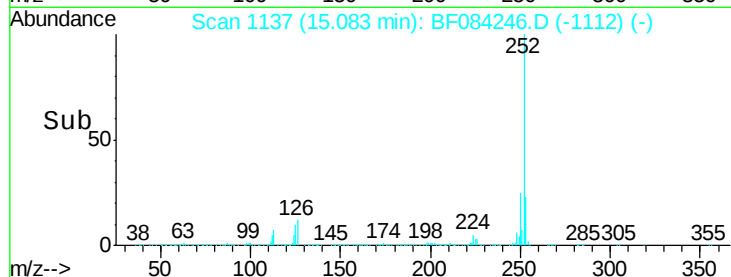
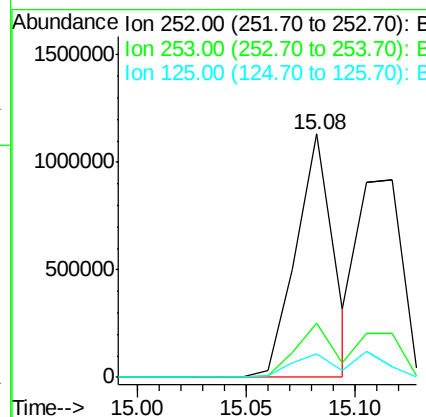
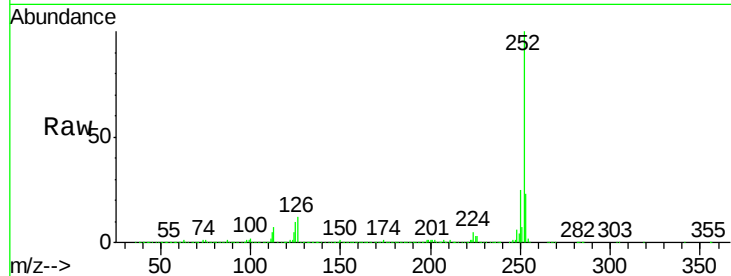
ClientSampleId :

PB87615BS

Tot Ion:	252	Resp:	1363587
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.6	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 45.56 ng m

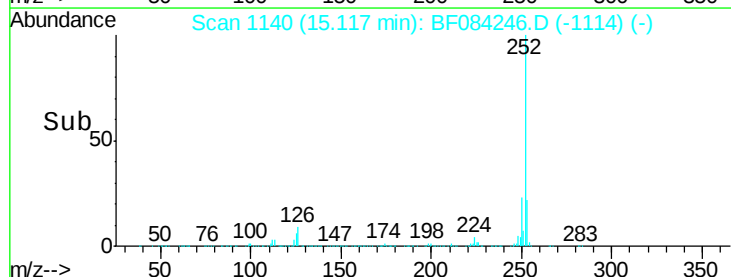
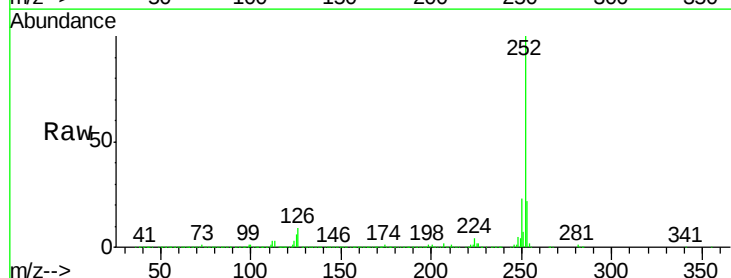
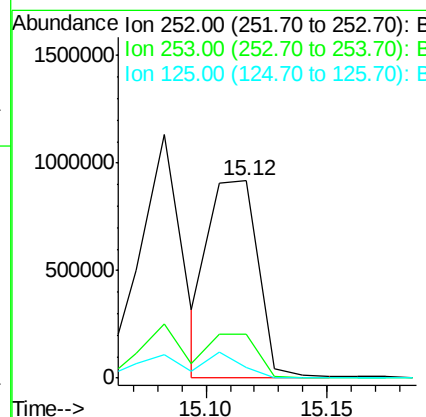
RT: 15.12 min Scan# 1140

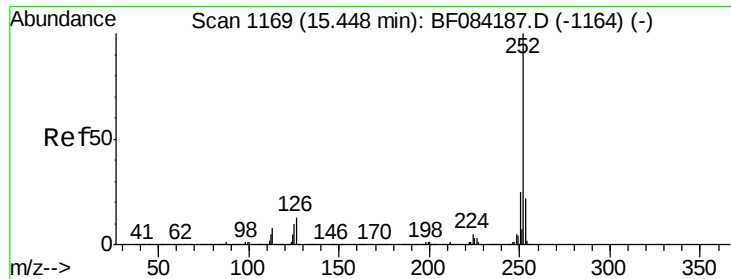
Delta R.T. 0.00 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tgt Ion:	252	Resp:	1296313
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	5.7	9.0	13.6#





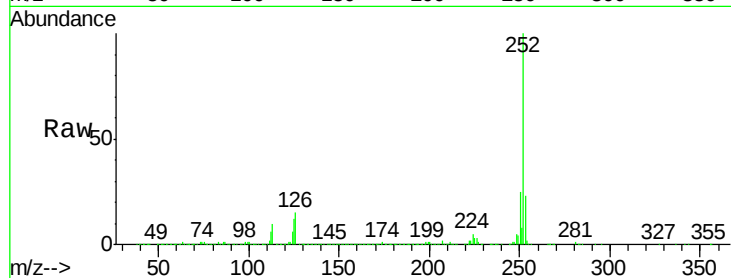
#89
Benzo(a)pyrene
Concen: 43.26 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB87615BS

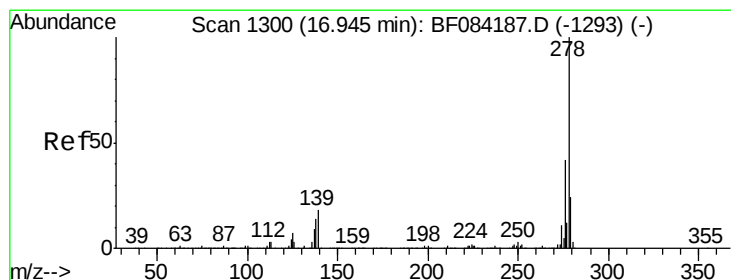
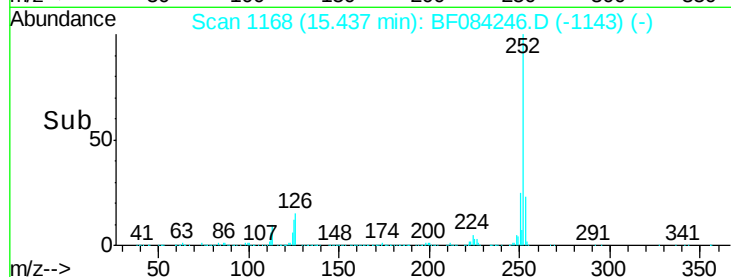
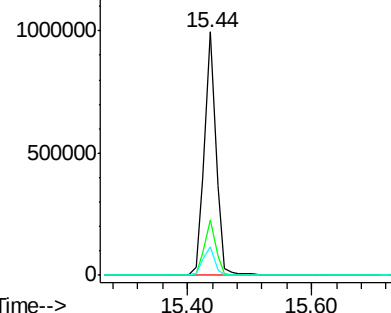
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.8	7.0	10.4

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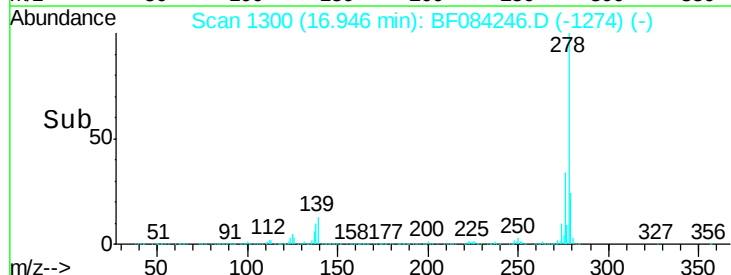
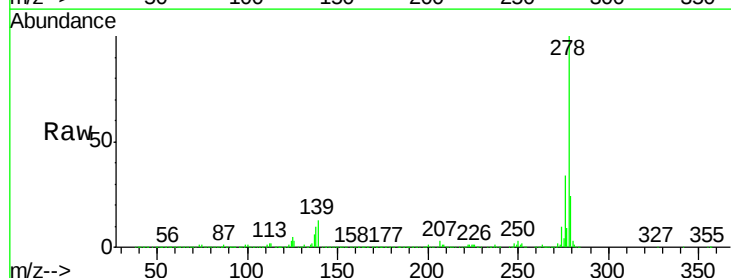
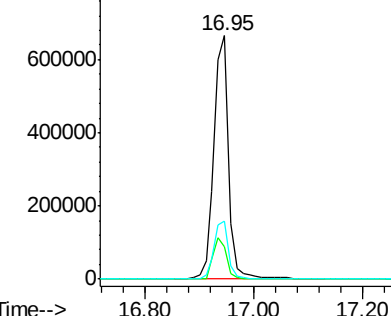
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

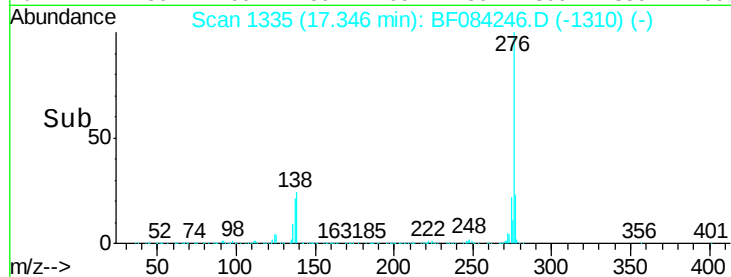
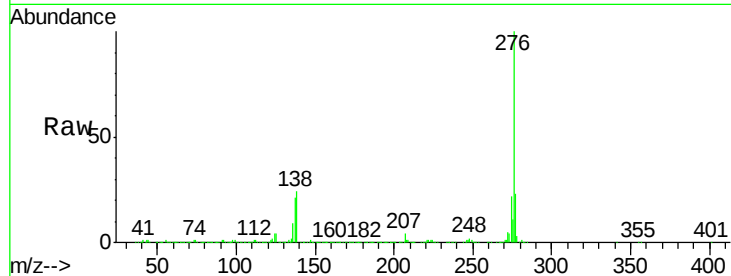
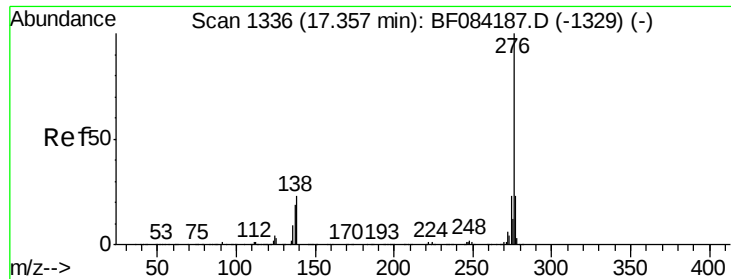


#90
Dibenzo(a,h)anthracene
Concen: 49.01 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084246.D
Acq: 4 Jan 2016 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.0	22.4
279	23.8	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.85 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084246.D

Acq: 4 Jan 2016 18:35

Tot Ion:	276	Resp:	1258351
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.8	28.2
138	23.9	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

PB87615BS

Manual Integrations
APPROVED

Sohil
1/5/2016 1:41:15 PM

