

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087482.D
 Acq On : 28 May 2016 16:31
 Operator : UM/SJ
 Sample : PB90943BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Manual Integrations
 APPROVED

umangi
 5/31/2016 7:03:54 PM

Quant Time: May 30 03:30:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 03:25:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	115977	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	491188	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	235572	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	456342	20.00	ng	0.00
75) Chrysene-d12	18.43	240	353819	20.00	ng	0.00
86) Perylene-d12	20.10	264	226651	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	846287	128.22	ng	0.02
7) Phenol-d6	7.03	99	1074927	120.53	ng	-0.01
23) Nitrobenzene-d5	8.39	82	737827	75.71	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	260114	114.90	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1231714	73.71	ng	-0.01
78) Terphenyl-d14	17.09	244	1199460	72.07	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.86	88	103483	29.71	ng	# 67
3) Pyridine	2.43	79	248581	32.65	ng	# 63
4) n-Nitrosodimethylamine	2.40	42	221239	37.71	ng	# 43
6) Aniline	6.97	93	227640	19.73	ng	94
8) 2-Chlorophenol	7.15	128	320161	38.90	ng	95
9) Benzaldehyde	6.81	77	42044	8.54	ng	96
10) Phenol	7.04	94	400342	41.11	ng	76
11) bis(2-Chloroethyl)ether	7.11	93	297324	37.72	ng	84
12) 1,3-Dichlorobenzene	7.36	146	319907	35.63	ng	# 91
13) 1,4-Dichlorobenzene	7.48	146	336024	36.46	ng	# 91
14) 1,2-Dichlorobenzene	7.72	146	315258	36.98	ng	98
15) Benzyl Alcohol	7.77	79	284983	43.83	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	613601	34.60	ng	87
17) 2-Methylphenol	7.99	107	264319	40.07	ng	# 90
18) Hexachloroethane	8.24	117	128128	37.26	ng	94
19) n-Nitroso-di-n-propylamine	8.19	70	263940	39.68	ng	# 76
20) 3+4-Methylphenols	8.25	107	342155	42.91	ng	# 60
22) Acetophenone	8.16	105	455607	38.83	ng	# 96
24) Nitrobenzene	8.41	77	378817	36.82	ng	98
25) Isophorone	8.81	82	648735	37.11	ng	98
26) 2-Nitrophenol	8.92	139	165453	39.34	ng	# 82
27) 2,4-Dimethylphenol	9.06	122	282541	38.70	ng	# 86
28) bis(2-Chloroethoxy)methane	9.19	93	384018	39.01	ng	98
29) 2,4-Dichlorophenol	9.34	162	264401	40.19	ng	97
30) 1,2,4-Trichlorobenzene	9.43	180	277493	36.84	ng	99
31) Naphthalene	9.53	128	921283	37.43	ng	100
32) Benzoic acid	9.39	122	107586	30.97	ng	# 80
33) 4-Chloroaniline	9.70	127	116657	12.87	ng	# 94
34) Hexachlorobutadiene	9.75	225	161677	35.32	ng	99
35) Caprolactam	10.31	113	79317m	41.31	ng	
36) 4-Chloro-3-methylphenol	10.55	107	306895	41.26	ng	87
37) 2-Methylnaphthalene	10.66	142	605211	39.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	264922	35.13	ng	98
40) Hexachlorocyclopentadiene	10.90	237	153584	53.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.17	196	161551	37.12	ng	92
43) 2,4,5-Trichlorophenol	11.25	196	159564	36.00	ng #	91
45) 1,1'-Biphenyl	11.43	154	755862	38.11	ng	97
46) 2-Chloronaphthalene	11.44	162	548540	36.15	ng	92
47) 2-Nitroaniline	11.67	65	231559	42.36	ng	85
48) Acenaphthylene	12.10	152	912319	37.98	ng	99
49) Dimethylphthalate	11.99	163	700256	37.11	ng	99
50) 2,6-Dinitrotoluene	12.08	165	145565	38.28	ng #	82
51) Acenaphthene	12.38	154	539229	36.52	ng	98
52) 3-Nitroaniline	12.35	138	74263	19.03	ng	87
53) 2,4-Dinitrophenol	12.56	184	73609	41.28	ng #	82
54) Dibenzofuran	12.66	168	820439	41.04	ng	93
55) 4-Nitrophenol	12.74	139	147213	79.08	ng #	41
56) 2,4-Dinitrotoluene	12.74	165	204449	40.23	ng #	89
57) Fluorene	13.22	166	662812	38.23	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	145731	42.74	ng	97
59) Diethylphthalate	13.13	149	673711	36.72	ng	99
60) 4-Chlorophenyl-phenylether	13.25	204	303217	35.87	ng	99
61) 4-Nitroaniline	13.35	138	132645	36.42	ng #	62
62) Azobenzene	13.51	77	825683	43.38	ng	86
64) 4,6-Dinitro-2-methylphenol	13.41	198	85593	29.50	ng #	44
65) n-Nitrosodiphenylamine	13.46	169	556309	37.70	ng	99
66) 4-Bromophenyl-phenylether	14.03	248	182817	36.62	ng	95
67) Hexachlorobenzene	14.10	284	188994	36.20	ng #	71
68) Atrazine	14.39	200	190110	40.41	ng	94
69) Pentachlorophenol	14.47	266	100971	63.60	ng	98
70) Phenanthrene	14.77	178	949135	37.55	ng	99
71) Anthracene	14.85	178	971984	38.06	ng	99
72) Carbazole	15.14	167	859514	39.47	ng	99
73) Di-n-butylphthalate	15.73	149	1080040	38.35	ng	98
74) Fluoranthene	16.53	202	993098	39.18	ng	97
76) Benzidine	16.77	184	261538	28.73	ng	96
77) Pyrene	16.83	202	982888	38.59	ng	100
79) Butylbenzylphthalate	17.75	149	435980	38.60	ng #	75
80) Benzo(a)anthracene	18.42	228	801189	39.81	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	110038	9.90	ng	97
82) Chrysene	18.47	228	762192	38.16	ng	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	586236	35.57	ng #	95
84) Di-n-octyl phthalate	19.26	149	870718	34.64	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	531122	33.17	ng	94
87) Benzo(b)fluoranthene	19.69	252	664293	46.01	ng #	97
88) Benzo(k)fluoranthene	19.73	252	450555m	36.26	ng	
89) Benzo(a)pyrene	20.05	252	498366	39.91	ng	98
90) Dibenzo(a,h)anthracene	21.31	278	450739	42.32	ng	95
91) Benzo(g,h,i)perylene	21.67	276	452600	43.07	ng #	90

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

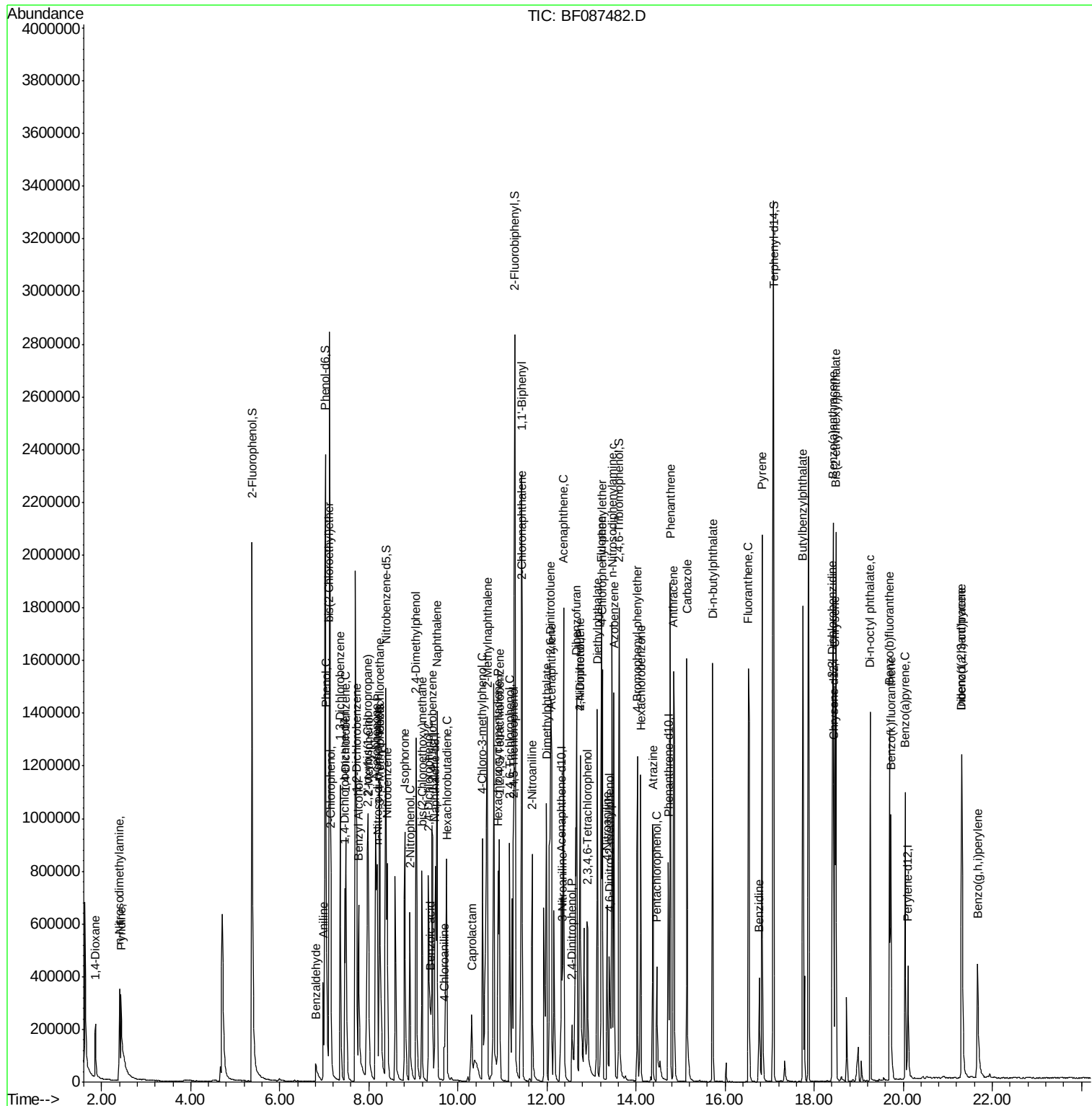
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Operator  : UM/SJ  
Sample    : PB90943BS  
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ALS Vial  : 9      Sample Multiplier: 1
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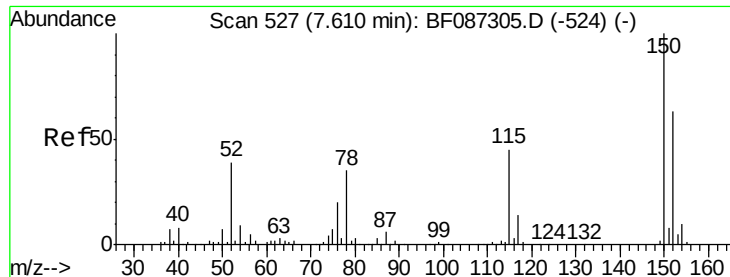
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

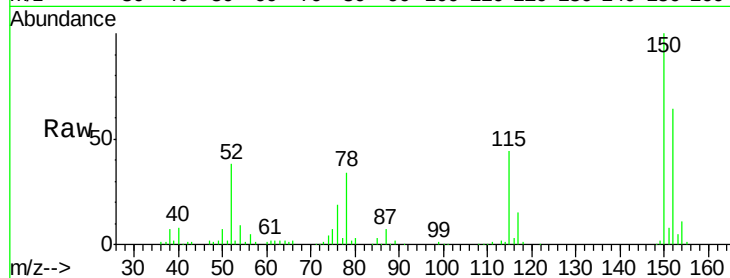
ClientSampleId :

PB90943BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.8	188.6
115	69.2	51.5	77.3

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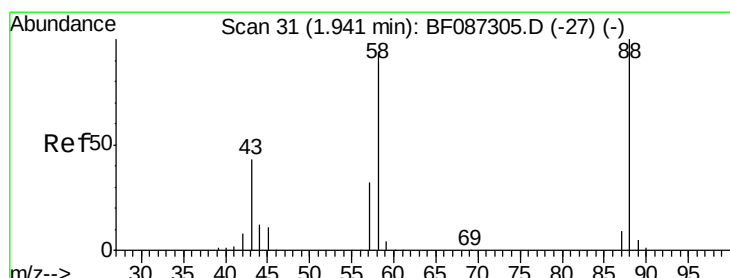
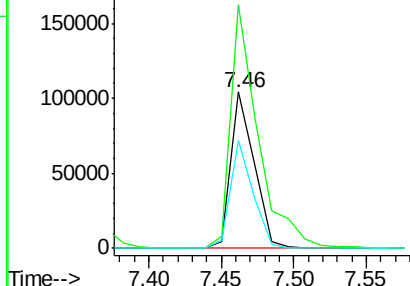
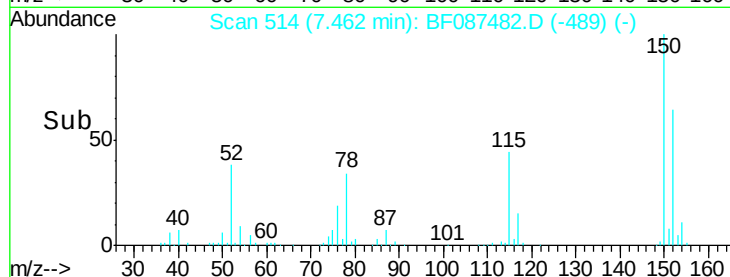
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.71 ng

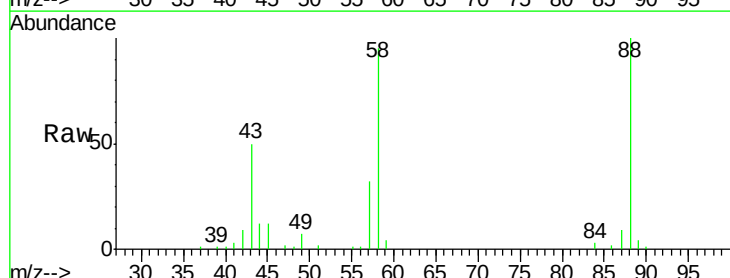
RT: 1.86 min Scan# 24

Delta R.T. 0.10 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

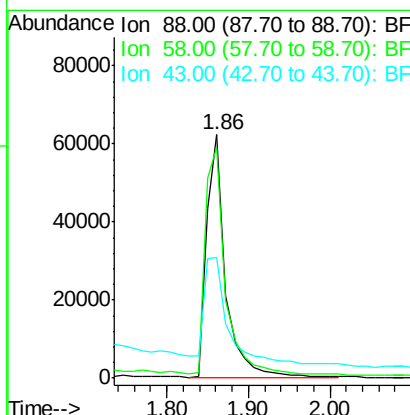
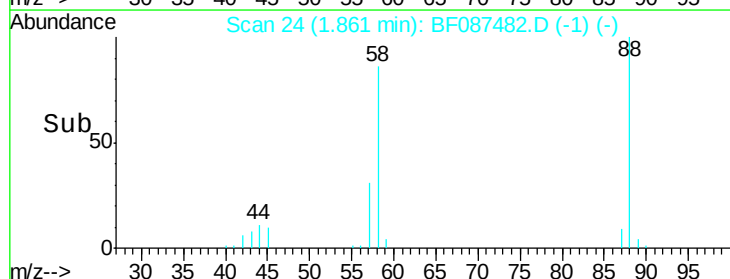
Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	59.6	89.4#
43	53.6	21.8	32.6#

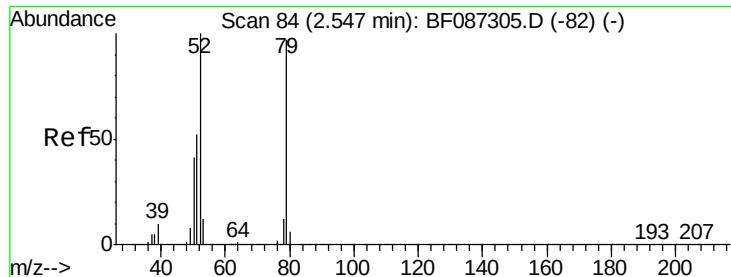


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.65 ng

RT: 2.43 min Scan# 74

Delta R.T. 0.09 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

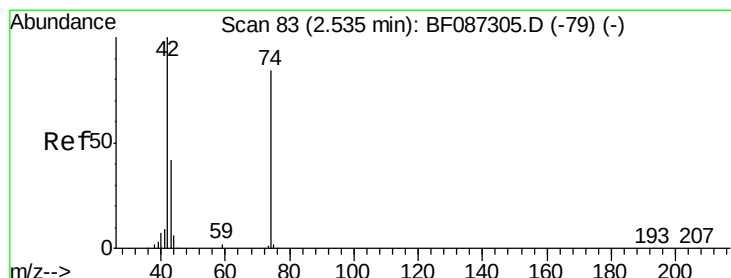
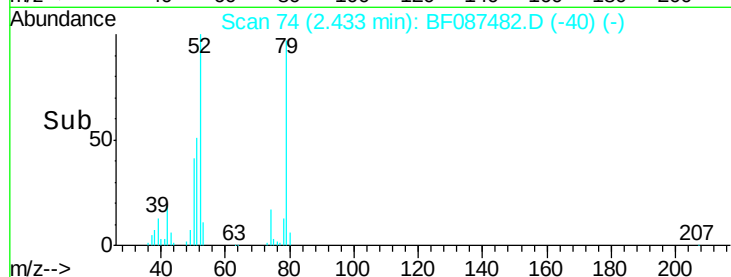
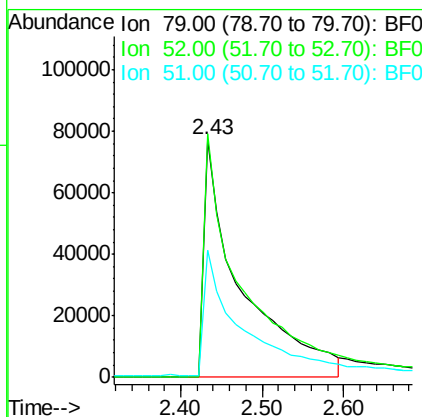
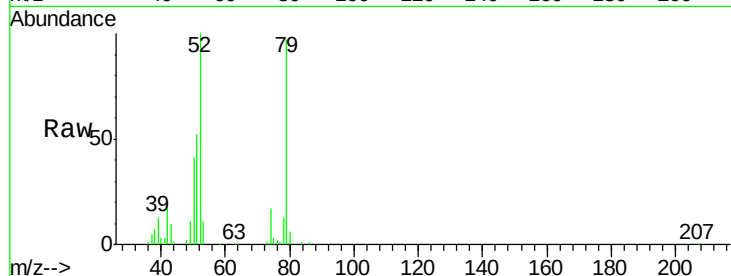
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
79	100	248581		
52	102.6	55.9	83.9#	
51	53.4	28.1	42.1#	



#4

n-Nitrosodimethylamine

Concen: 37.71 ng

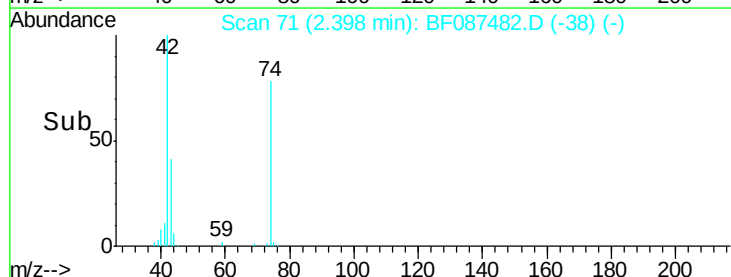
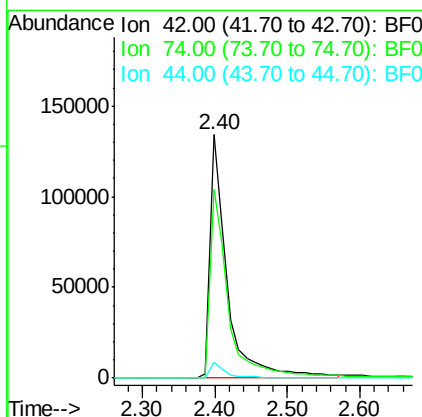
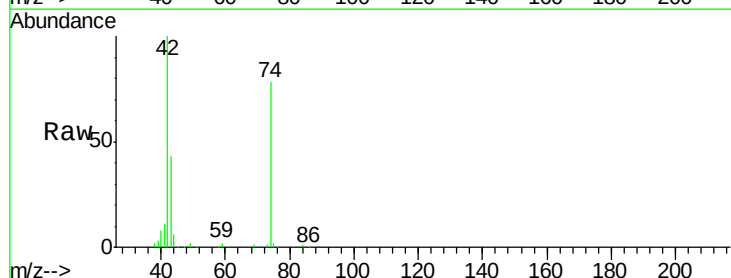
RT: 2.40 min Scan# 71

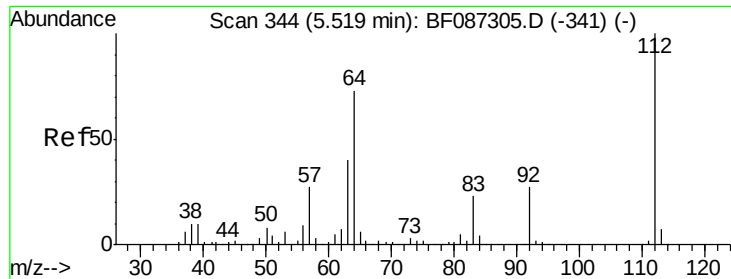
Delta R.T. 0.08 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	221239		
74	77.6	123.4	185.0#	
44	6.2	5.8	8.6	





#5

2-Fluorophenol

Concen: 128.22 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.02 min

Lab File: BF087482.D

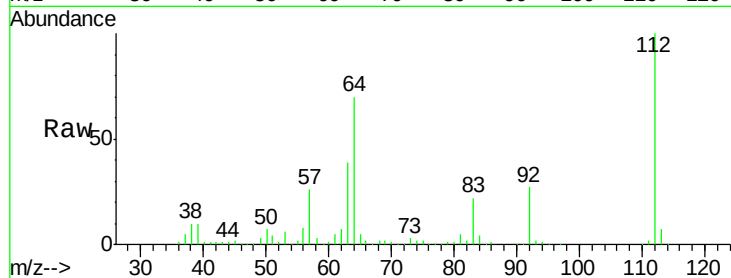
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB90943BS



Tgt Ion: 112 Resp: 846287

Ion Ratio Lower Upper

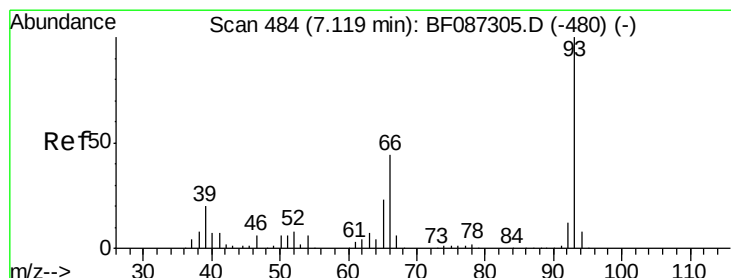
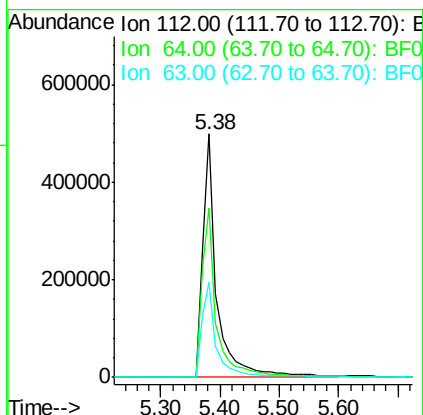
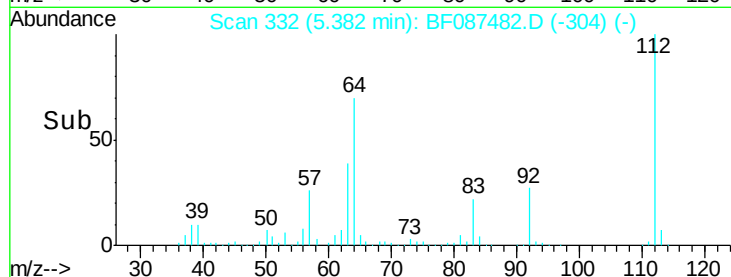
112 100

64 69.5 52.1 78.1

63 39.1 25.7 38.5#

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#6

Aniline

Concen: 19.73 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

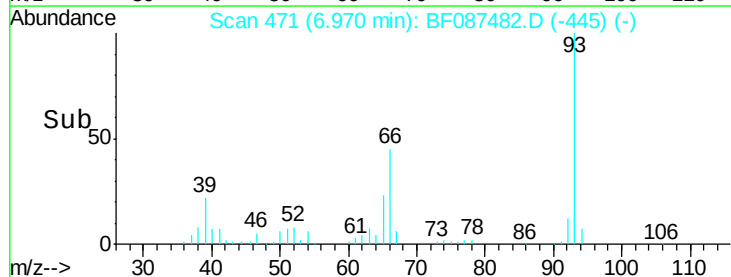
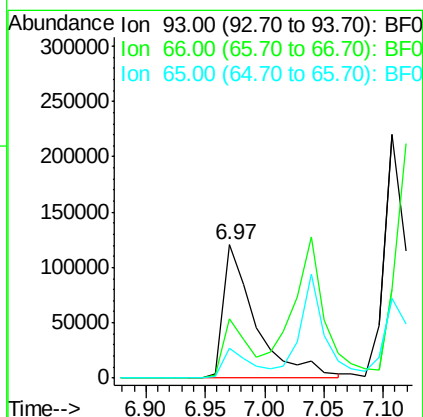
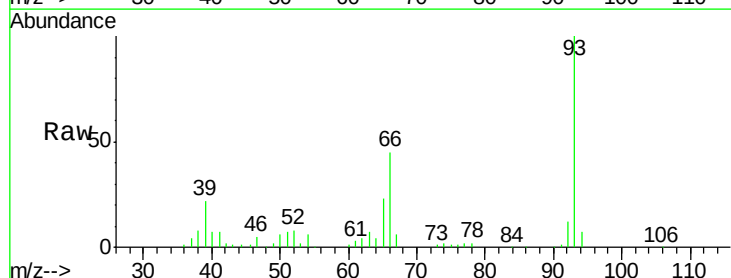
Tgt Ion: 93 Resp: 227640

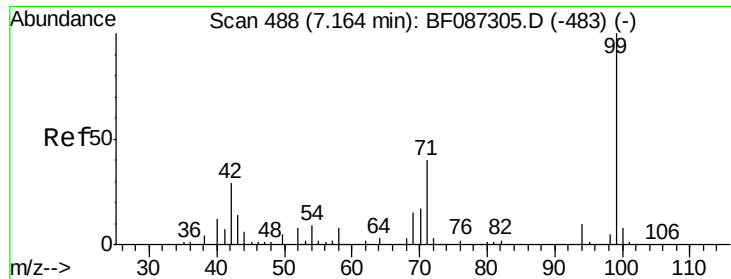
Ion Ratio Lower Upper

93 100

66 45.0 39.0 58.6

65 22.6 20.6 31.0





#7

Phenol-d6

Concen: 120.53 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB90943BS

Tgt Ion: 99 Resp: 1074927

Ion Ratio Lower Upper

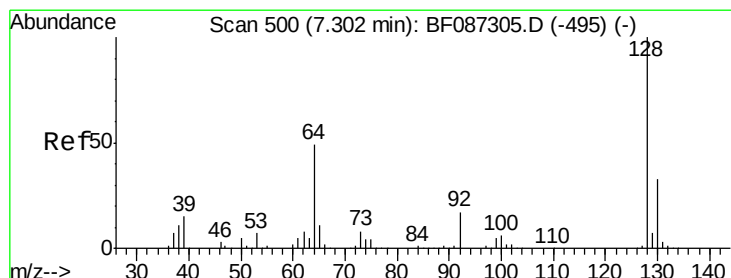
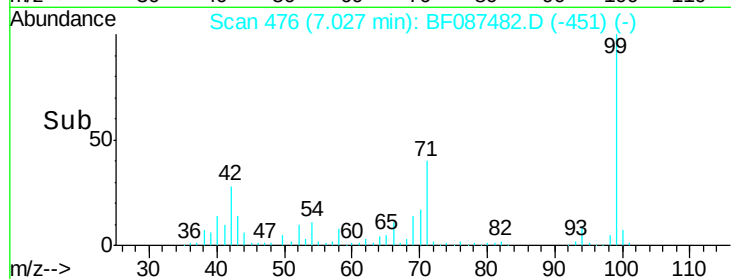
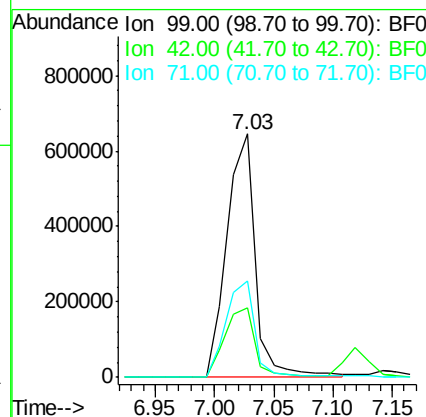
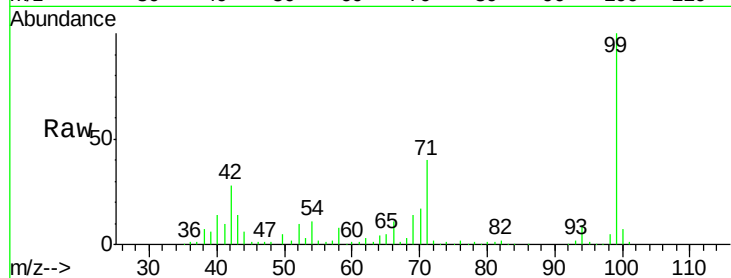
99 100

42 28.5 13.6 20.4#

71 39.8 24.6 36.8#

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#8

2-Chlorophenol

Concen: 38.90 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

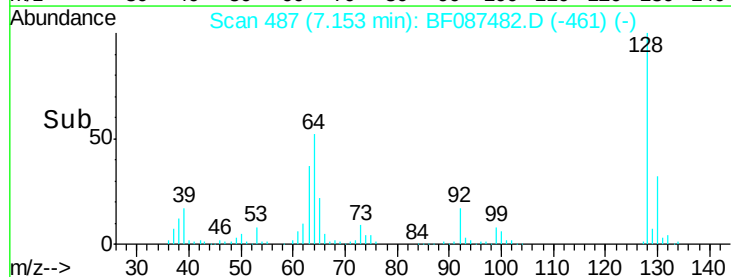
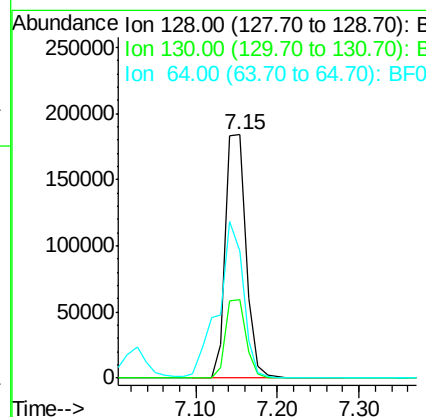
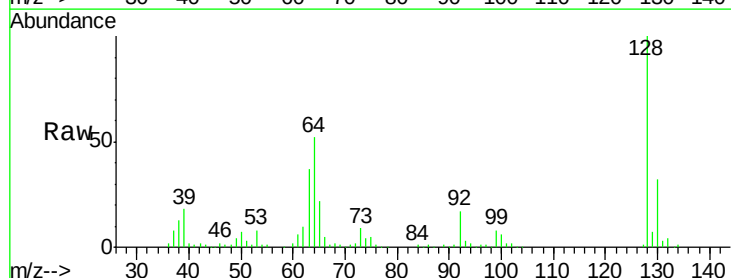
Tgt Ion: 128 Resp: 320161

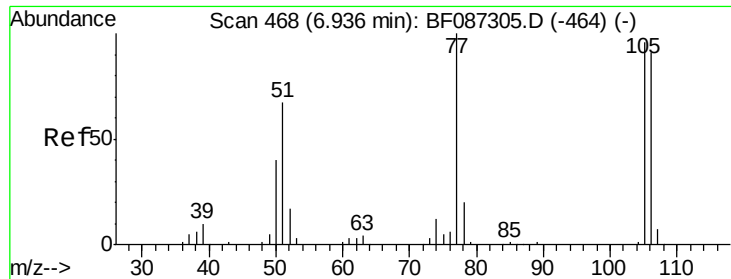
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 52.2 27.3 67.3





#9

Benzaldehyde

Concen: 8.54 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.03 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

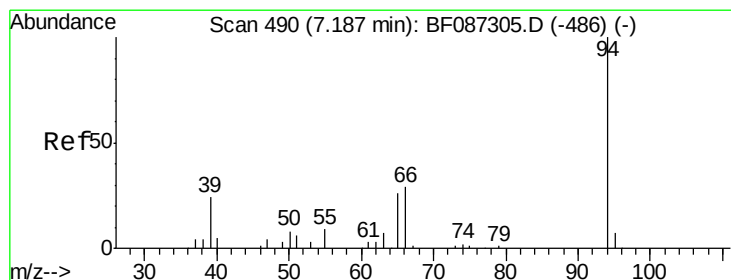
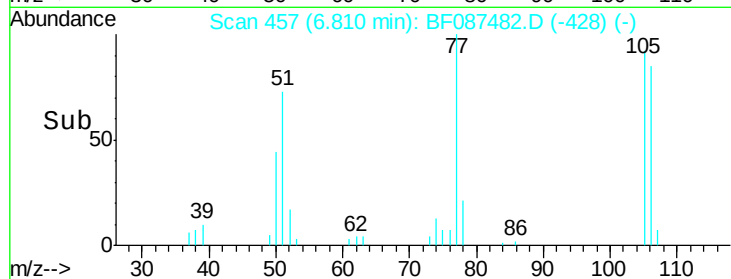
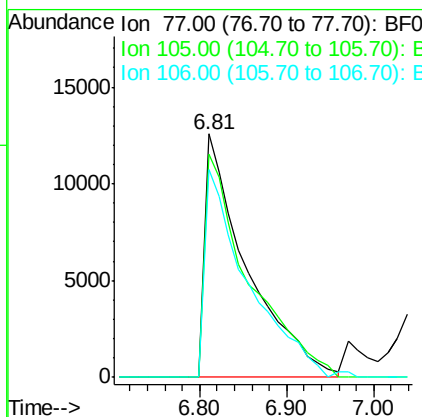
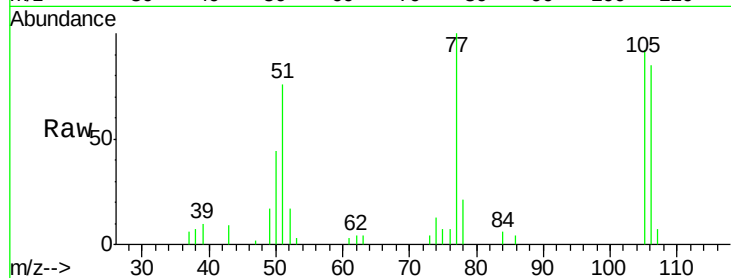
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Tgt Ion:	77	Resp:	42044
Ion	Ratio	Lower	Upper
77	100		
105	91.5	72.7	112.7
106	85.2	70.8	110.8



#10

Phenol

Concen: 41.11 ng

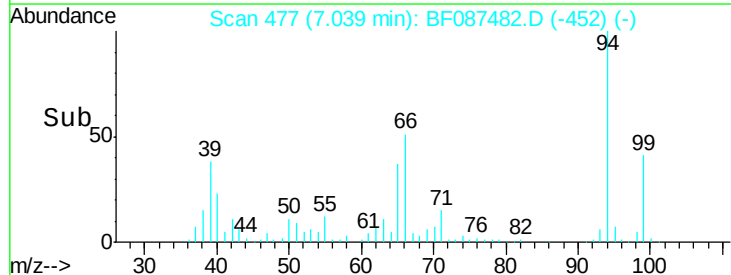
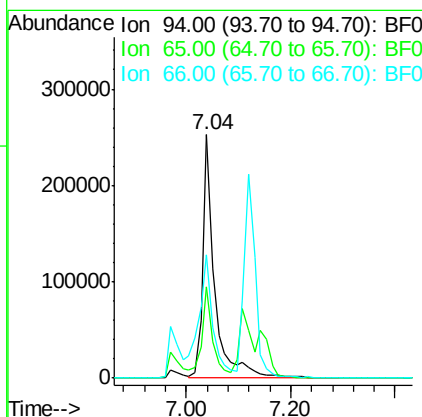
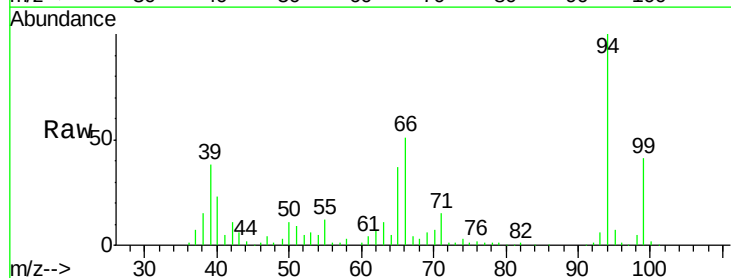
RT: 7.04 min Scan# 477

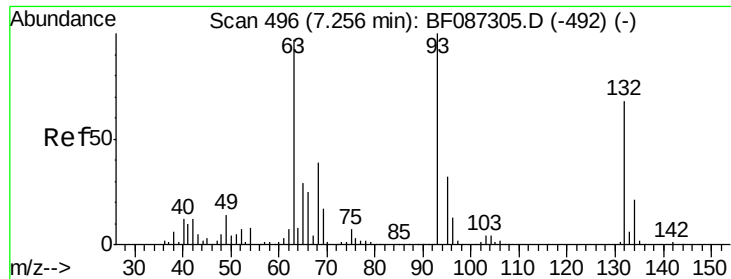
Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	94	Resp:	400342
Ion	Ratio	Lower	Upper
94	100		
65	37.3	7.2	47.2
66	50.6	14.9	54.9





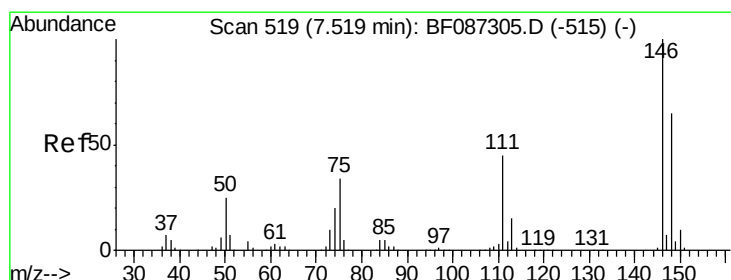
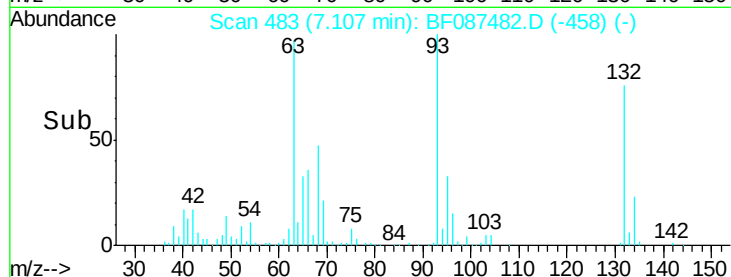
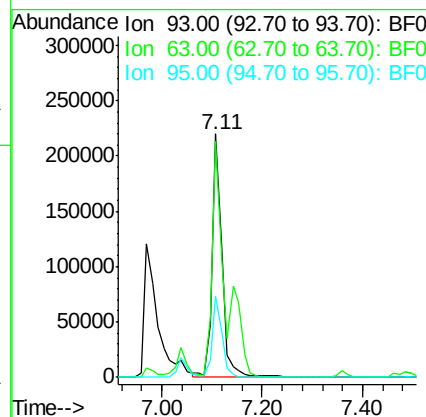
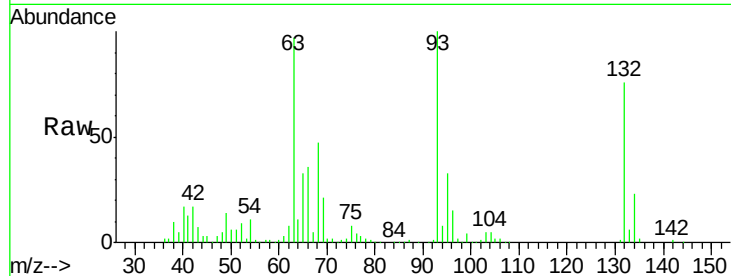
#11
 bis(2-Chloroethyl)ether
 Concen: 37.72 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampled :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	297324		
63	96.7	58.0	98.0	
95	33.2	11.9	51.9	

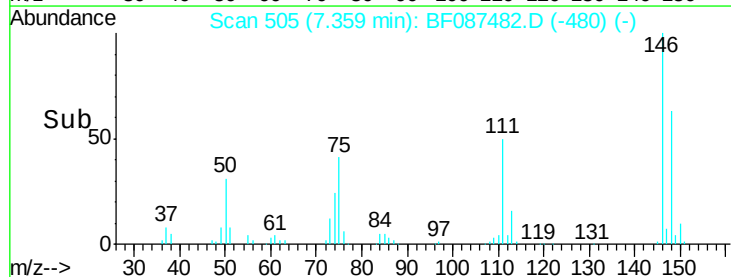
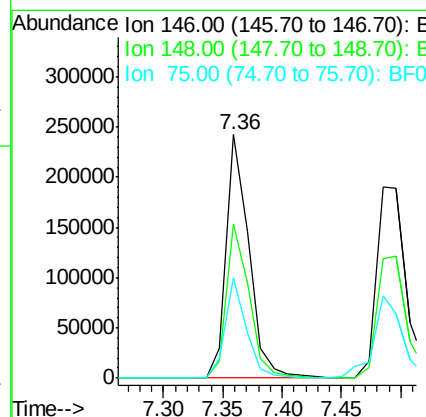
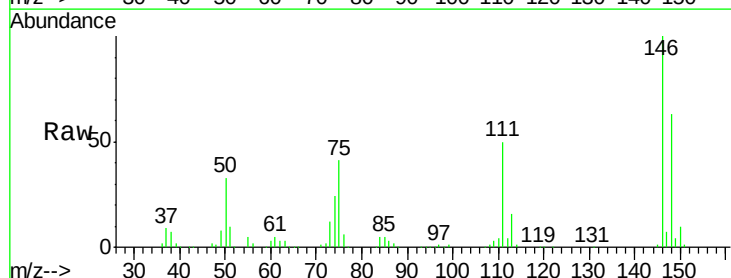
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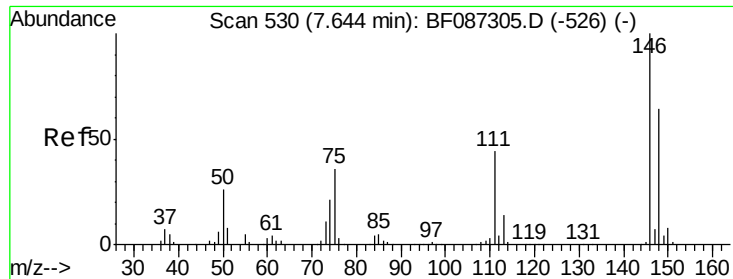
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#12
 1,3-Dichlorobenzene
 Concen: 35.63 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	319907		
148	63.3	52.4	78.6	
75	41.0	22.8	34.2	





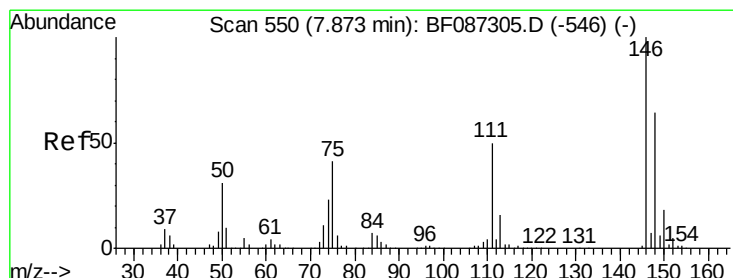
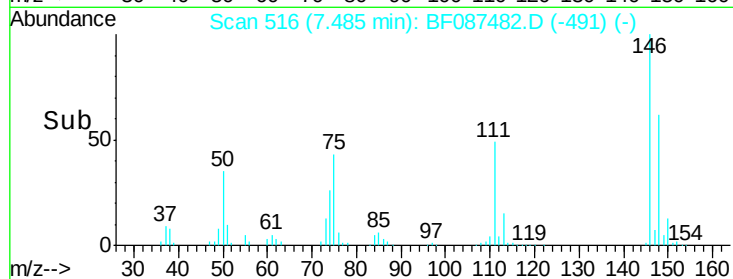
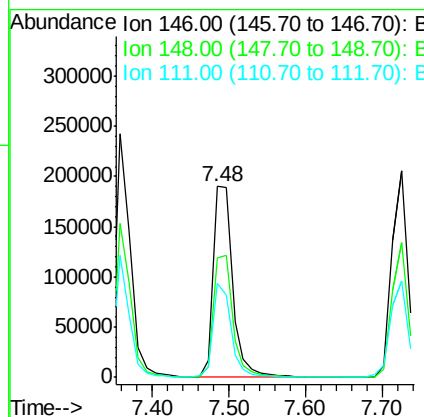
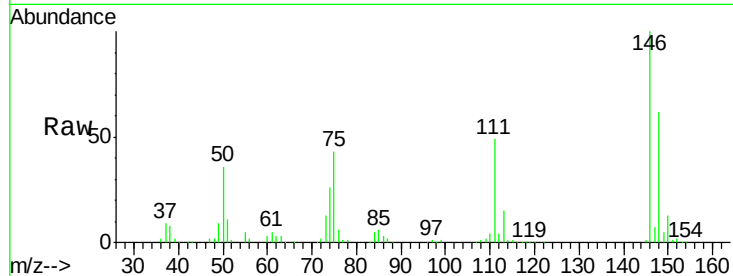
#13
 1,4-Dichlorobenzene
 Concen: 36.46 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
111	49.2	30.7	46.1

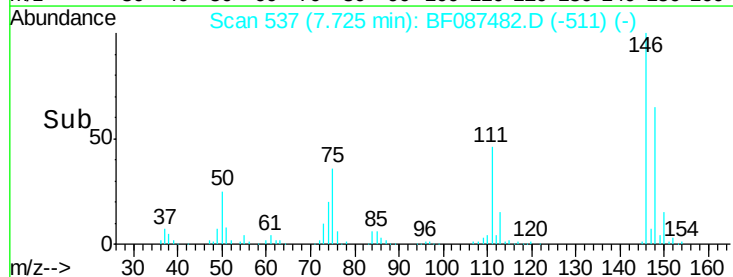
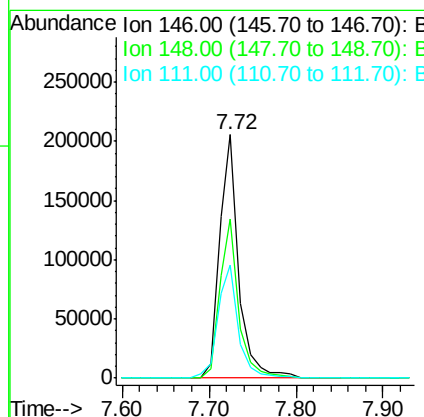
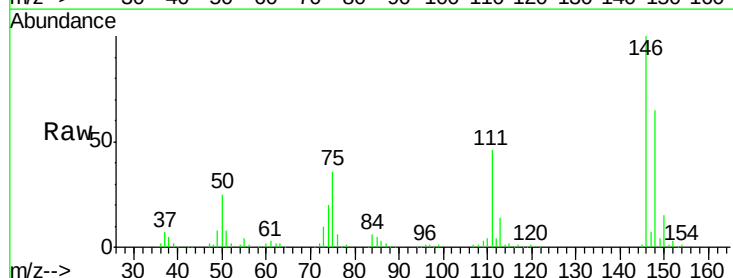
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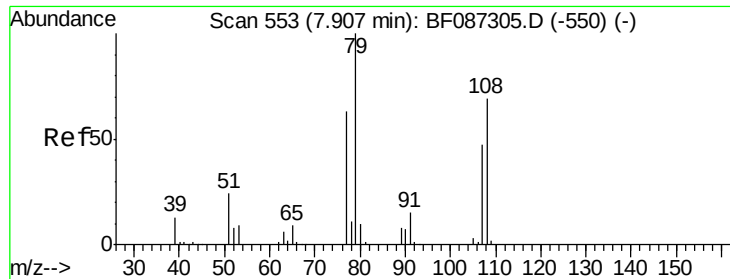
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#14
 1,2-Dichlorobenzene
 Concen: 36.98 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	46.5	36.2	54.4





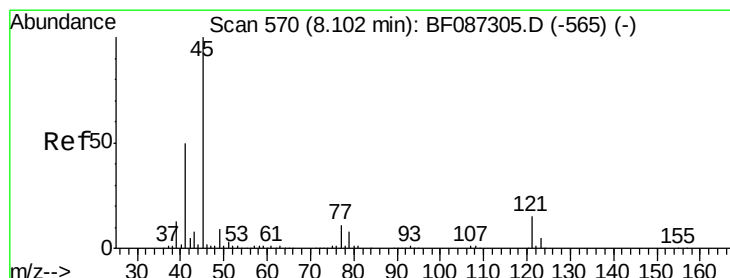
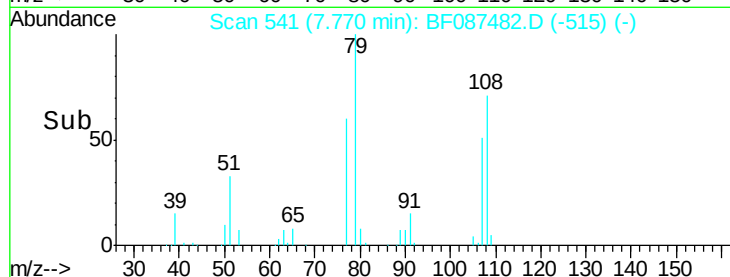
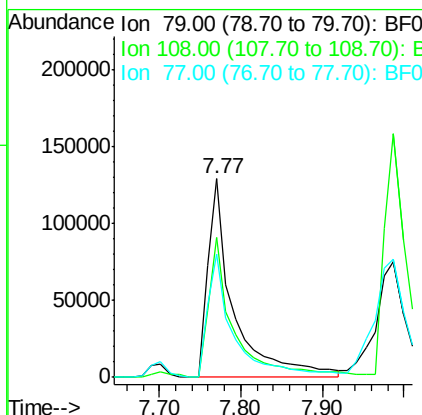
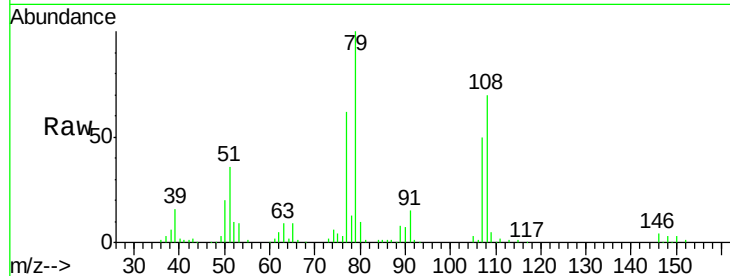
#15
Benzyl Alcohol
Concen: 43.83 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.4	68.4	102.6
77	62.2	50.6	76.0

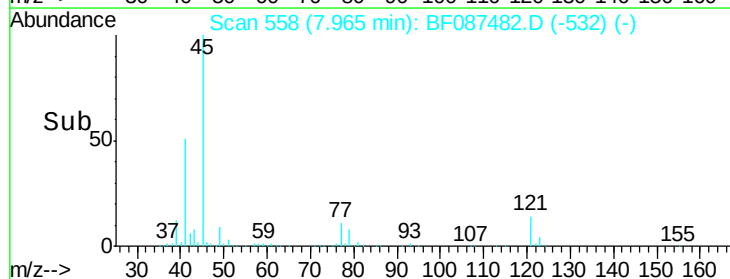
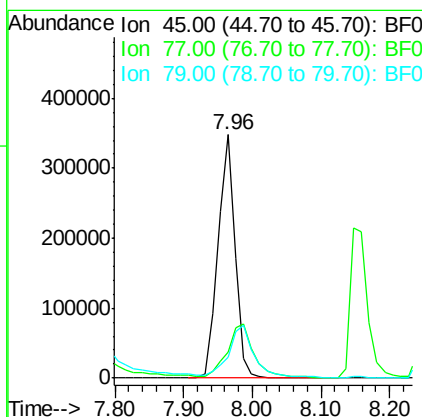
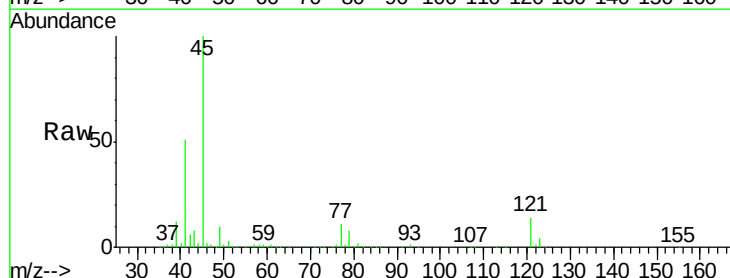
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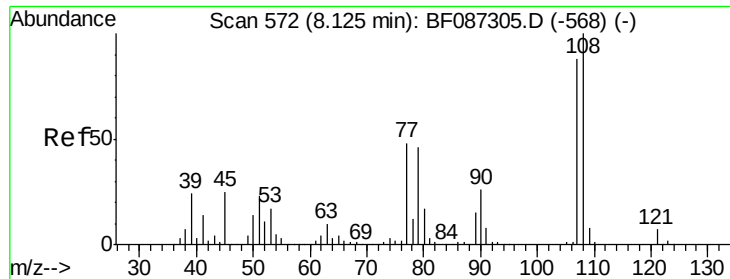
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.60 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	36.4
79	8.5	0.0	33.4





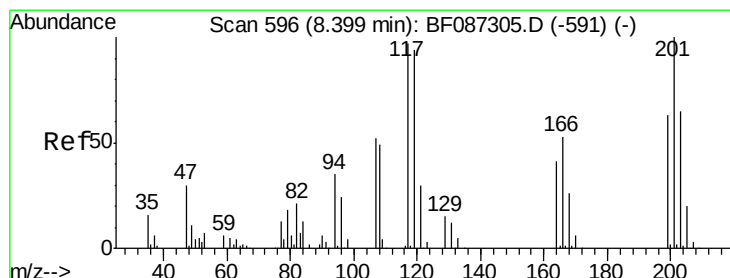
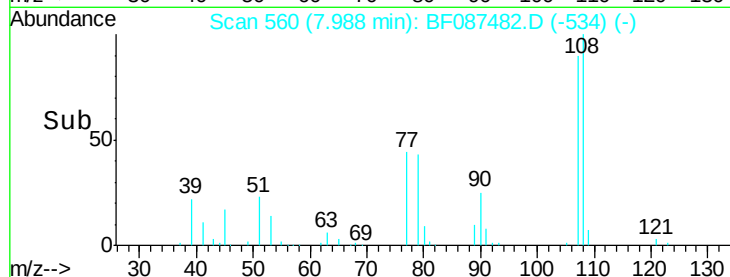
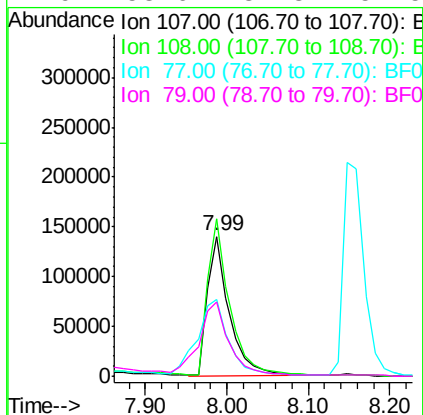
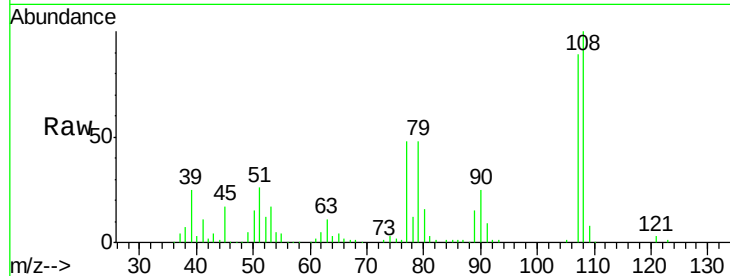
#17
2-Methylphenol
Concen: 40.07 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Tgt Ion:	107	Resp:	264319
Ion Ratio	Lower	Upper	
107	100		
108	112.8	93.7	140.5
77	54.5	33.4	50.0#
79	53.6	34.3	51.5#

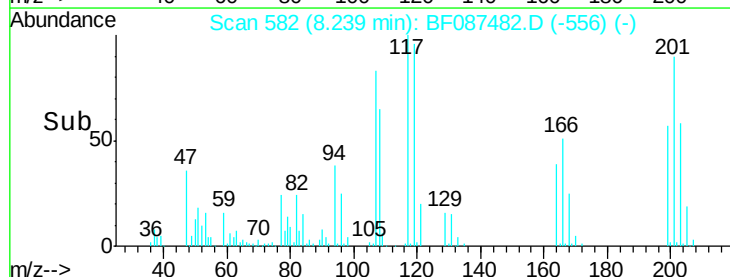
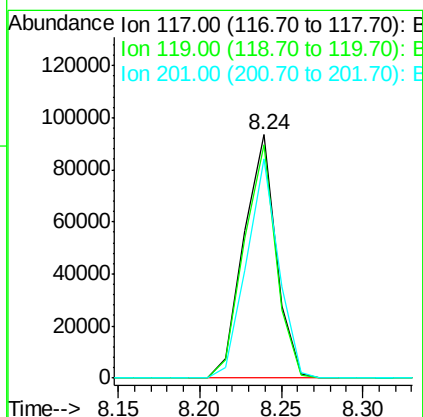
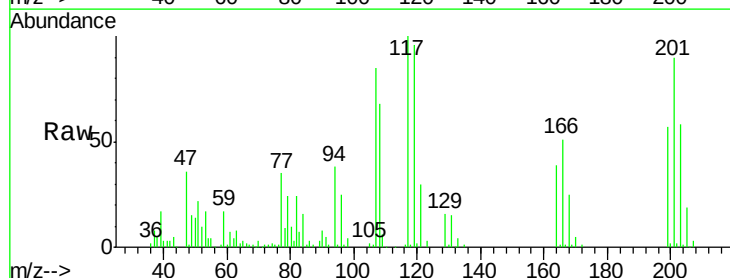
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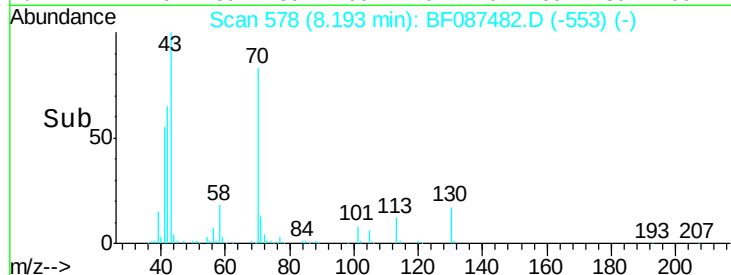
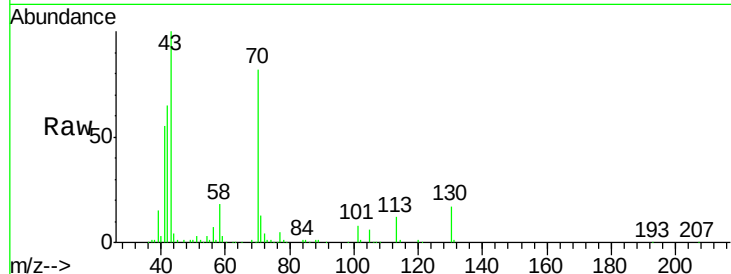
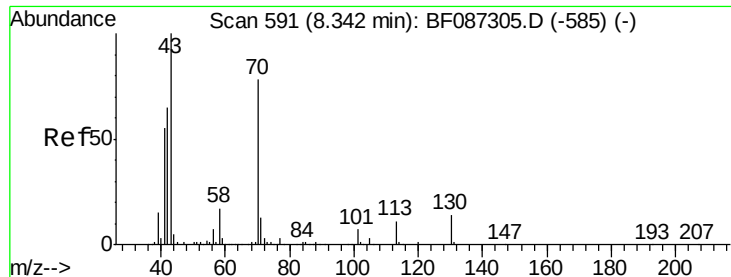
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#18
Hexachloroethane
Concen: 37.26 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion:	117	Resp:	128128
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.5	114.7
201	90.0	63.0	94.6





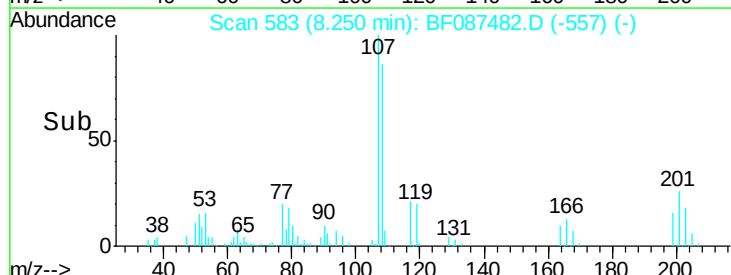
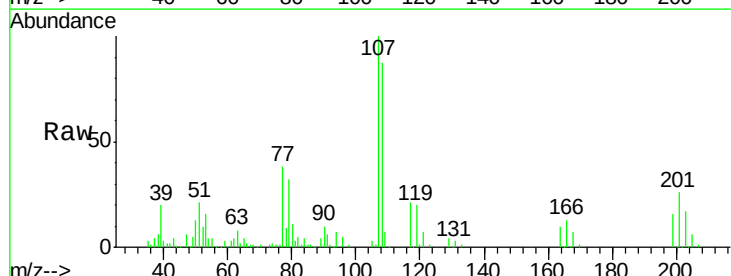
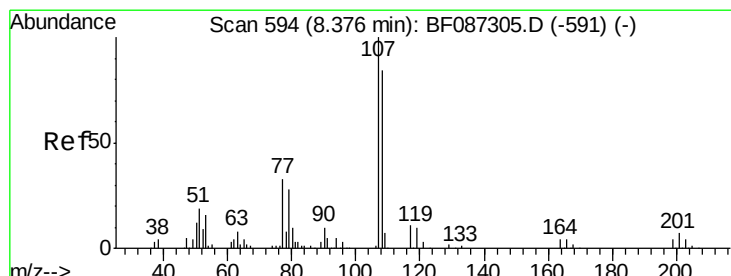
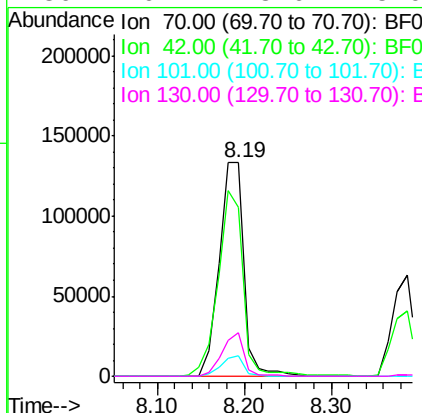
#19
n-Nitroso-di-n-propylamine
Concen: 39.68 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Manual Integrations
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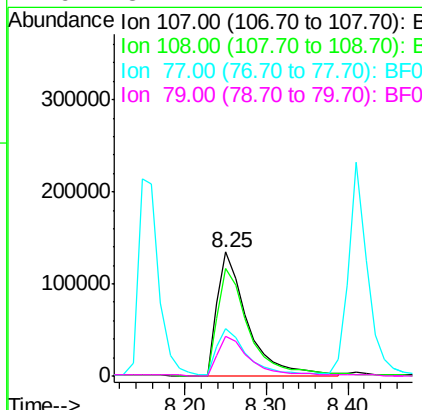
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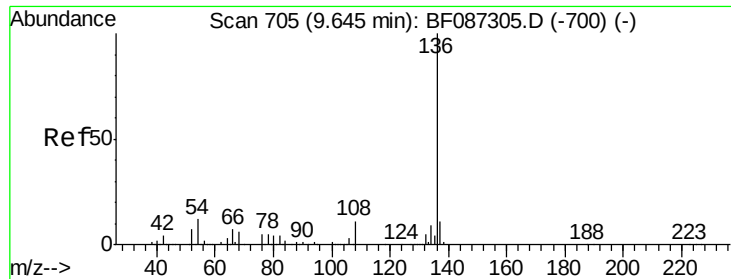
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	263940		
42	79.3	43.1	64.7#	
101	9.4	8.1	12.1	
130	20.1	18.6	28.0	



#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	342155		
108	86.5	68.5	108.5	
77	38.5	101.6	141.6#	
79	31.7	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087482.D

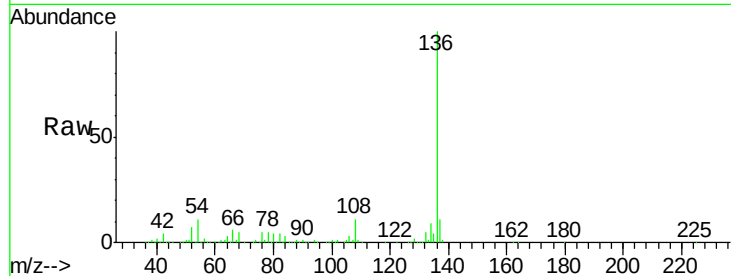
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

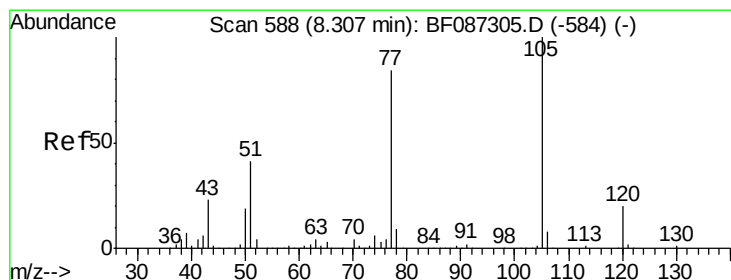
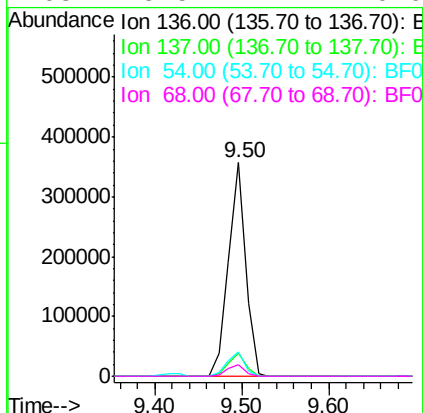
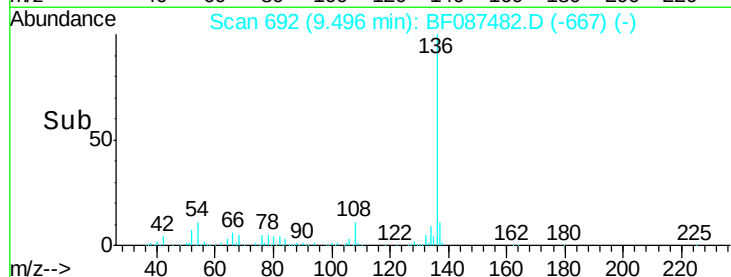
PB90943BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	491188		
137	10.9	8.8	13.2	
54	11.2	5.0	7.4#	
68	5.5	4.4	6.6	

Manual Integrations
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#22

Acetophenone

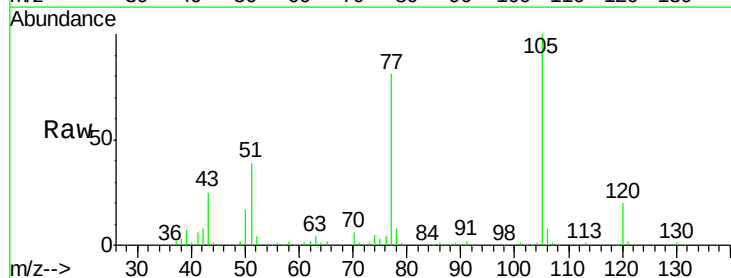
Concen: 38.83 ng

RT: 8.16 min Scan# 575

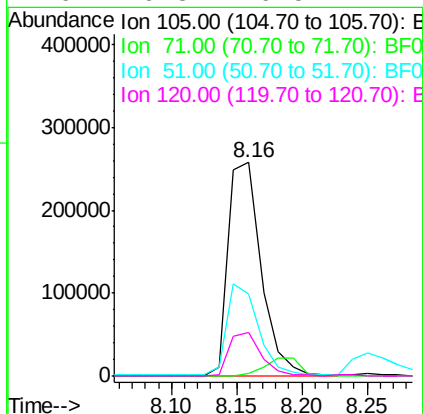
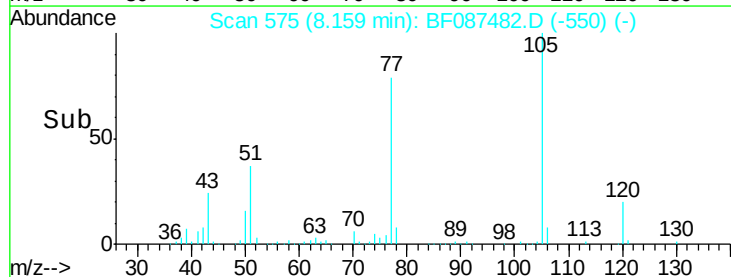
Delta R.T. -0.01 min

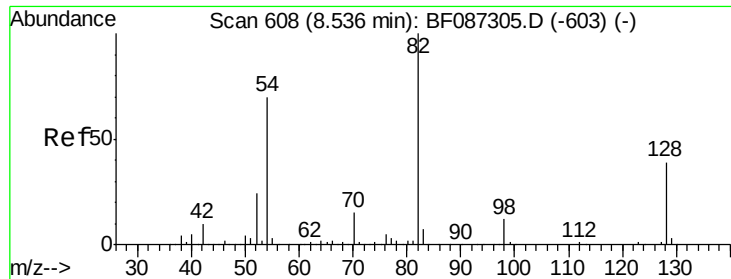
Lab File: BF087482.D

Acq: 28 May 2016 16:31



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	455607		
71	1.0	4.8	7.2#	
51	38.5	32.6	49.0	
120	20.3	16.5	24.7	





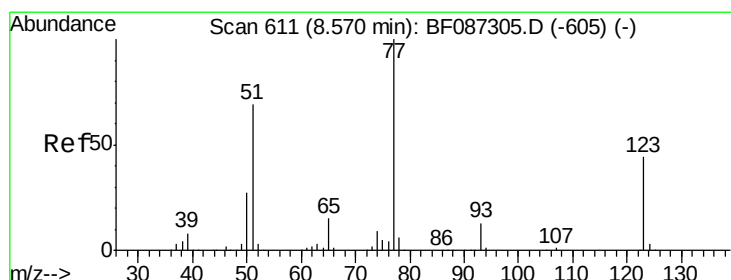
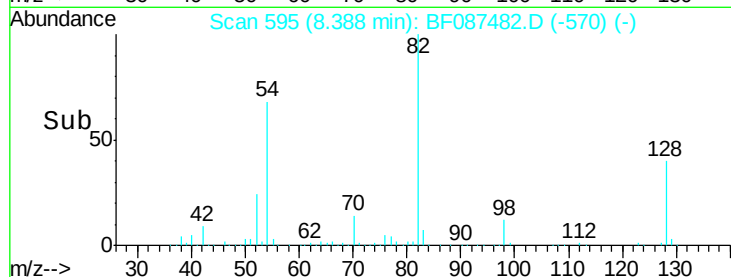
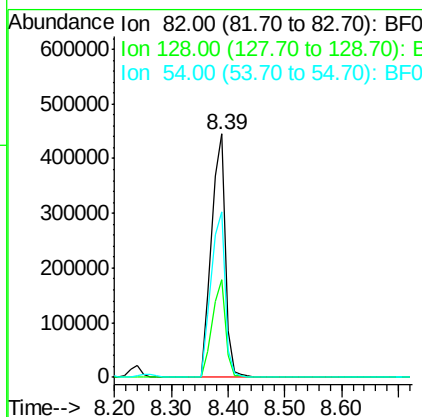
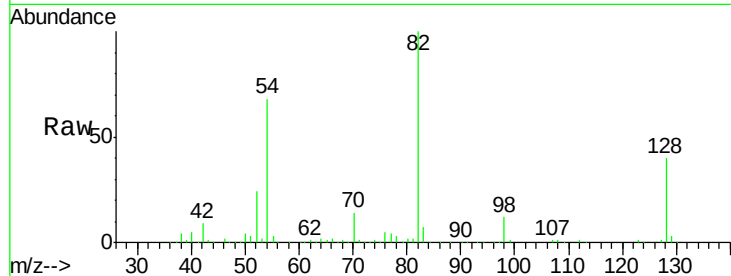
#23
 Nitrobenzene-d5
 Concen: 75.71 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	737827		
128	39.9	40.6	61.0#	
54	67.8	38.1	57.1#	

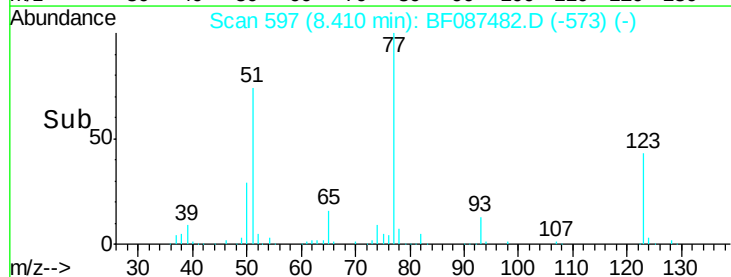
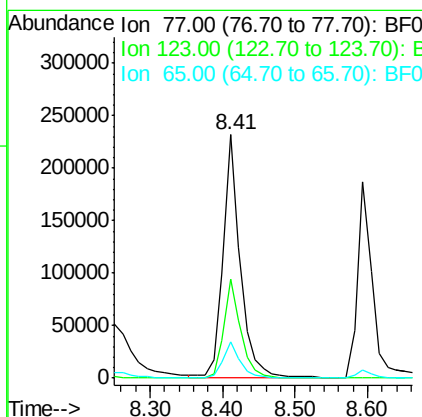
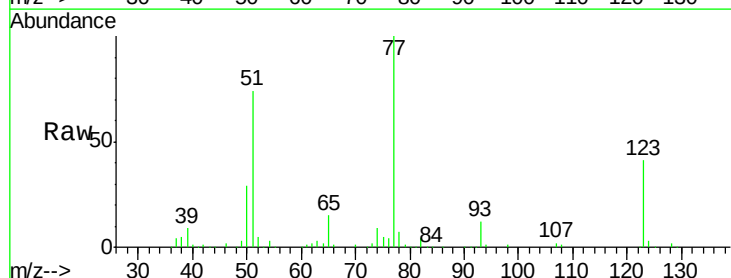
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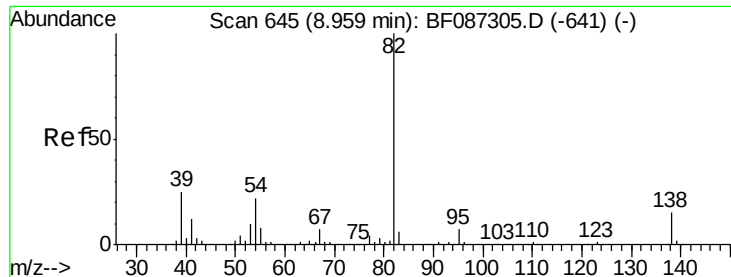
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#24
 Nitrobenzene
 Concen: 36.82 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	378817		
123	40.6	33.0	49.4	
65	15.0	10.8	16.2	





#25

Isophorone

Concen: 37.11 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

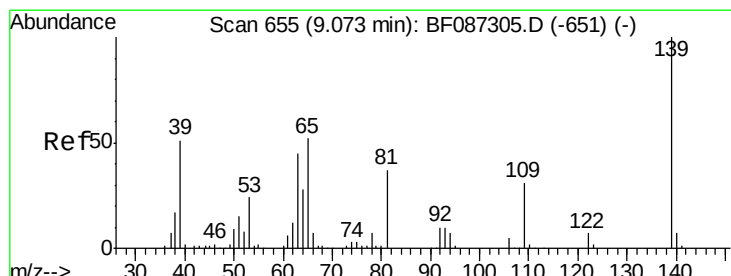
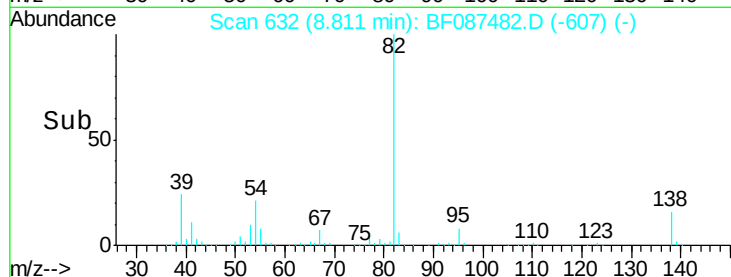
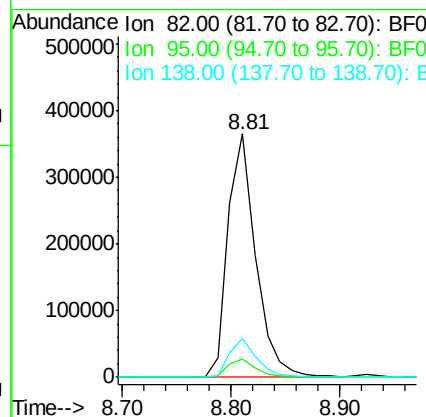
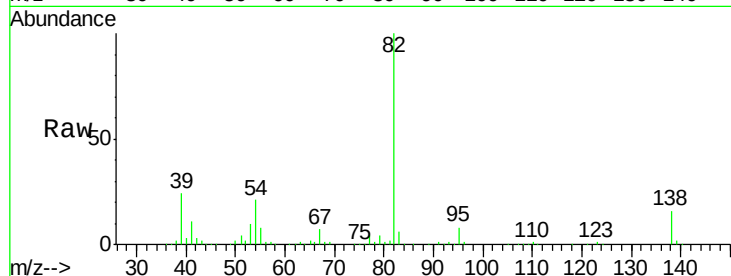
ClientSampleId :

PB90943BS

Tgt Ion:	82	Resp:	648735
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.1	7.7
138	16.0	12.4	18.6

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#26

2-Nitrophenol

Concen: 39.34 ng

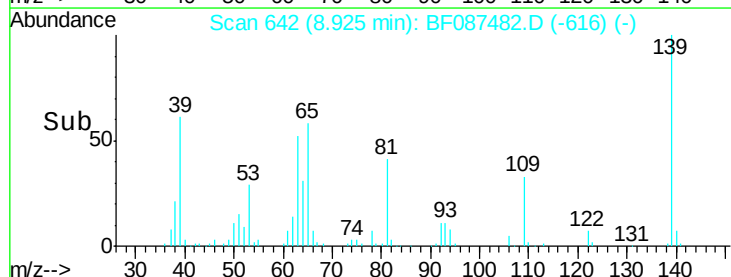
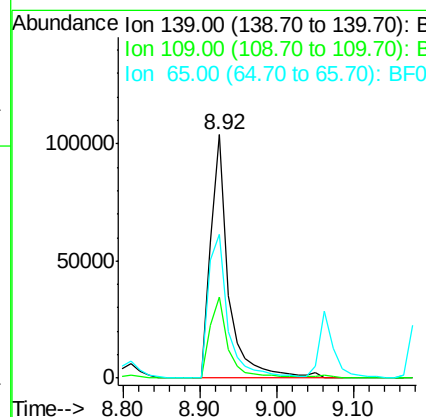
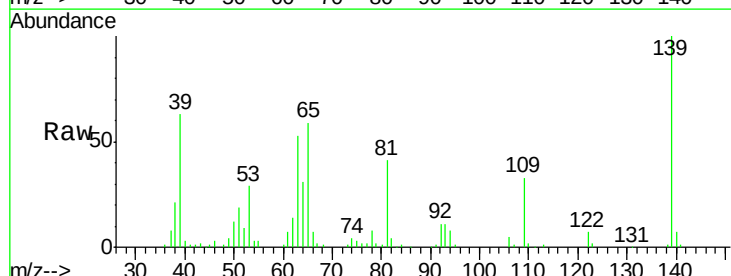
RT: 8.92 min Scan# 642

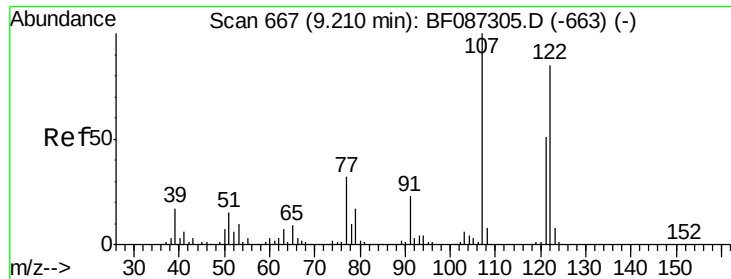
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	139	Resp:	165453
Ion Ratio		Lower	Upper
139	100		
109	33.4	19.5	29.3#
65	59.0	37.5	56.3#





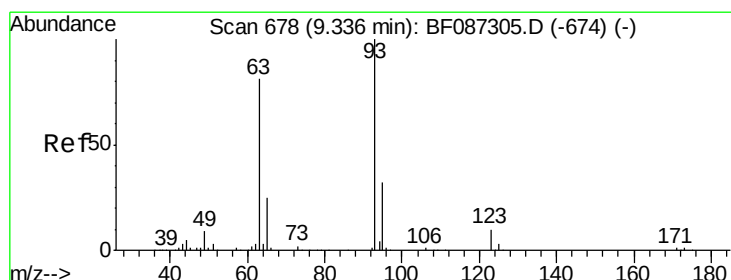
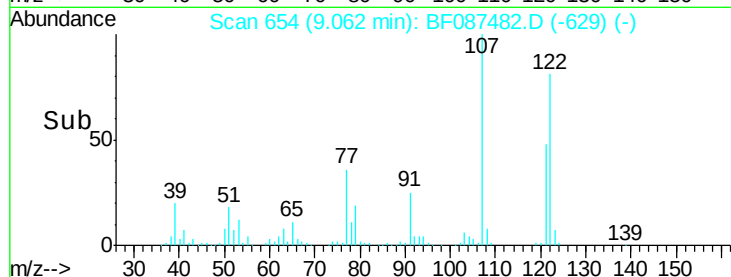
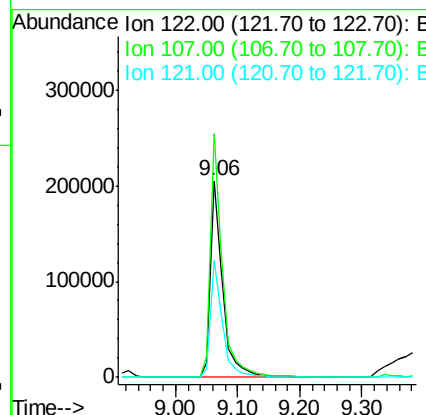
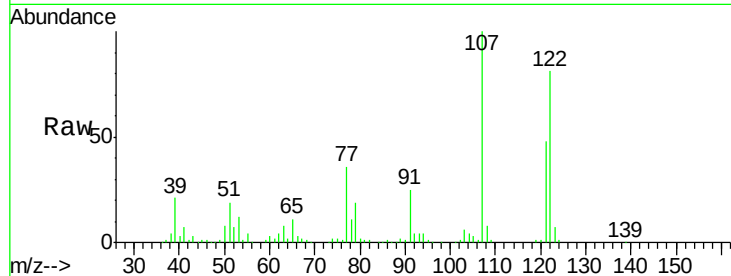
#27
2,4-Dimethylphenol
Concen: 38.70 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	282541		
107	123.7	82.0	123.0#	
121	59.7	46.1	69.1	

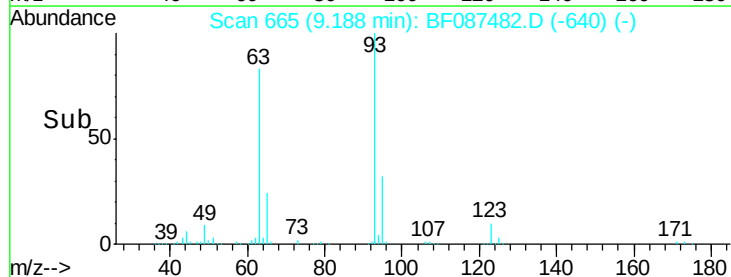
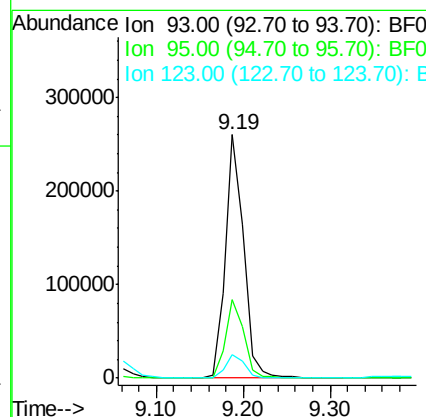
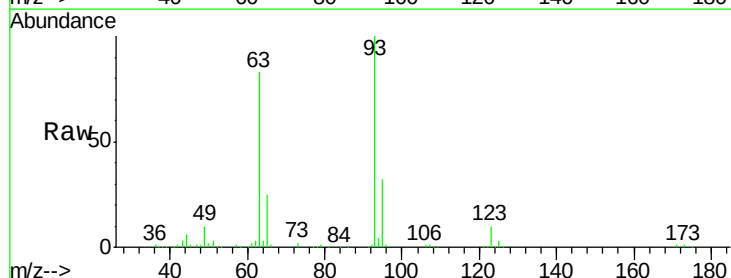
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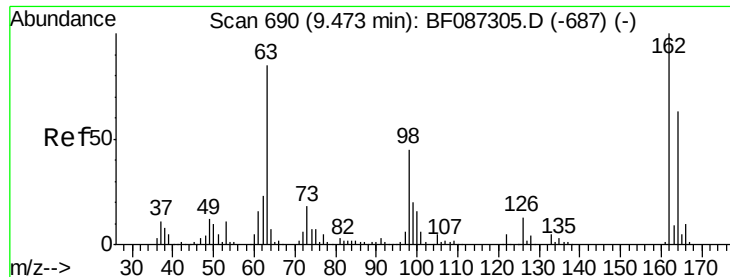
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#28
bis(2-Chloroethoxy)methane
Concen: 39.01 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384018		
95	32.3	26.0	39.0	
123	9.6	9.5	14.3	





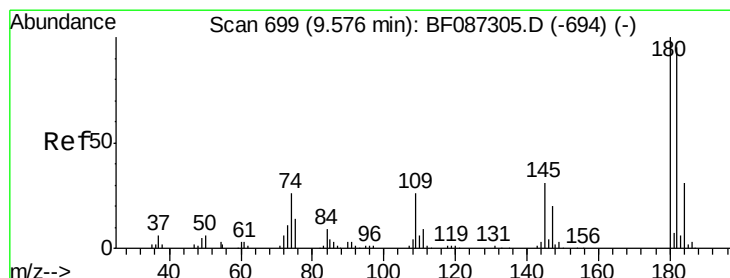
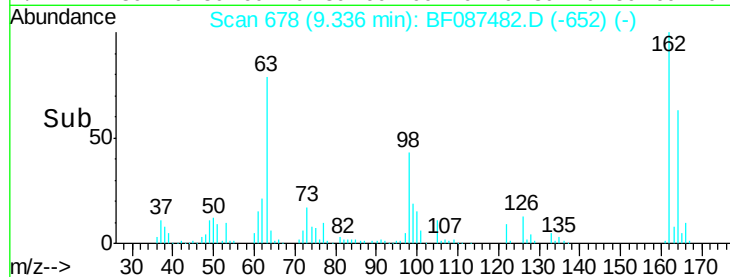
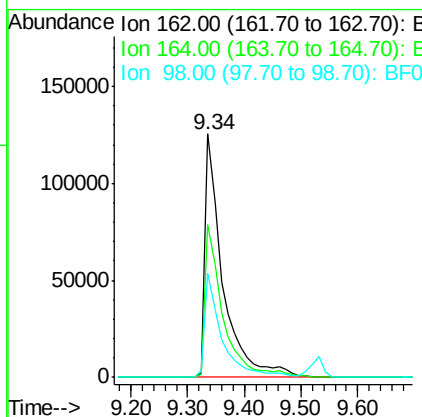
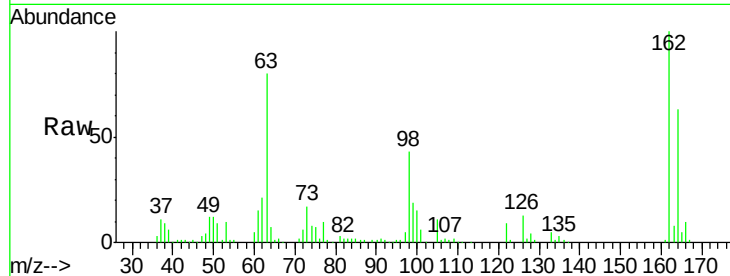
#29
 2,4-Dichlorophenol
 Concen: 40.19 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	264401		
164	62.7	42.2	82.2	
98	42.8	19.0	59.0	

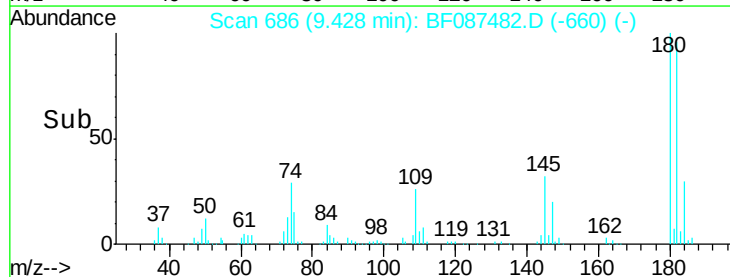
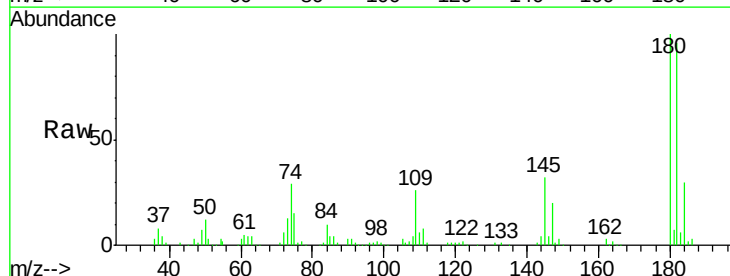
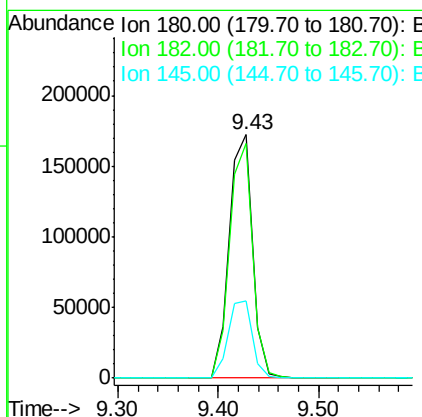
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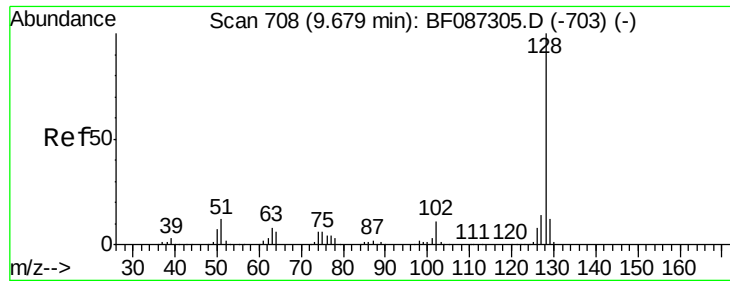
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.84 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277493		
182	96.5	78.0	117.0	
145	31.6	24.2	36.2	





#31

Naphthalene

Concen: 37.43 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

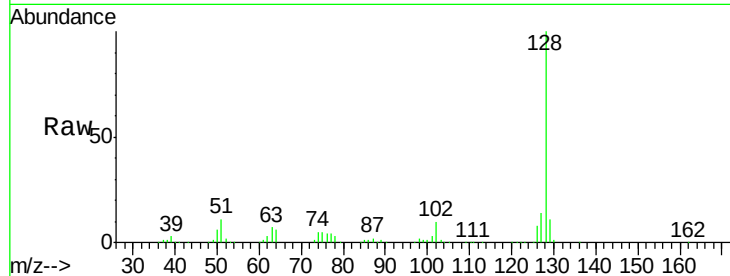
ClientSampleId :

PB90943BS

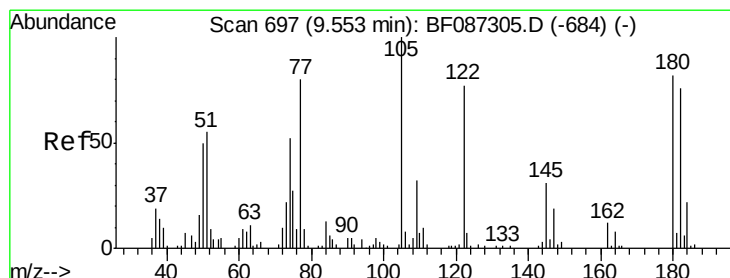
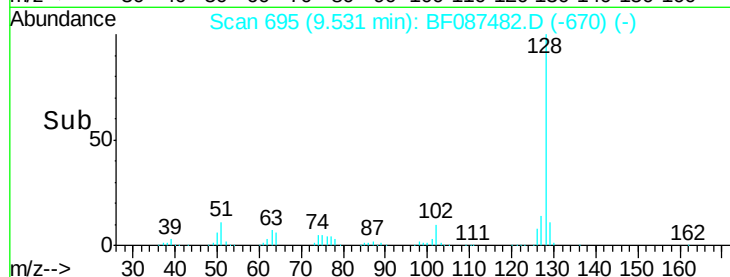
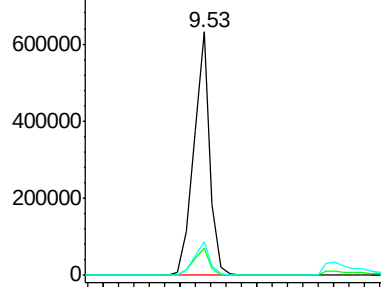
Tgt Ion:	128	Resp:	921283
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.6	10.8	16.2

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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: 30.97 ng

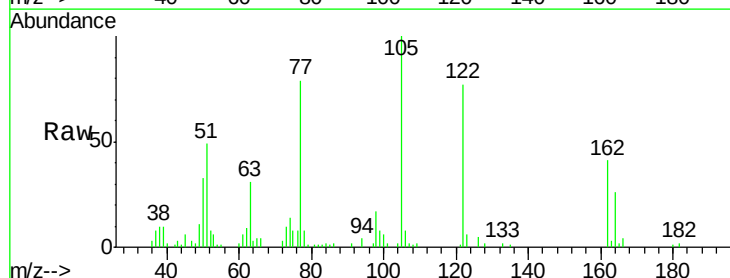
RT: 9.39 min Scan# 683

Delta R.T. -0.03 min

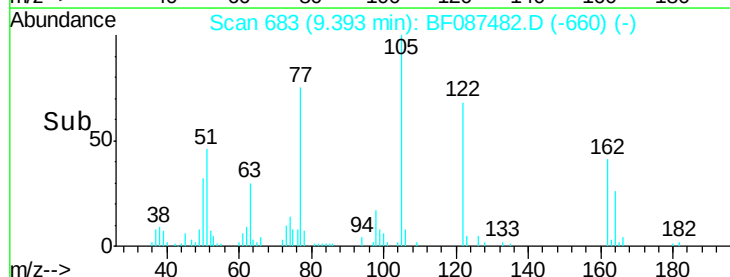
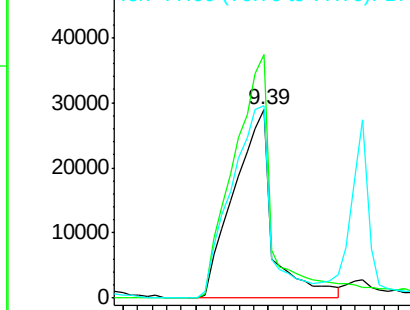
Lab File: BF087482.D

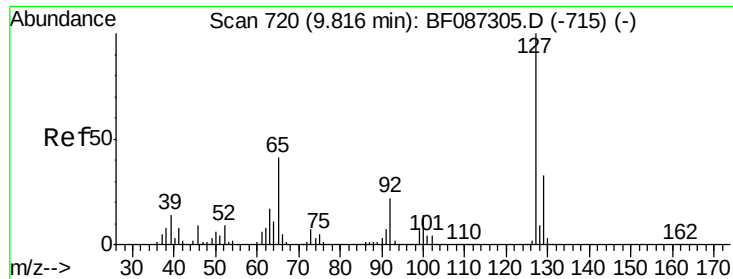
Acq: 28 May 2016 16:31

Tgt Ion:	122	Resp:	107586
Ion Ratio	Lower	Upper	
122	100		
105	129.2	92.6	132.6
77	102.5	60.0	100.0#



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





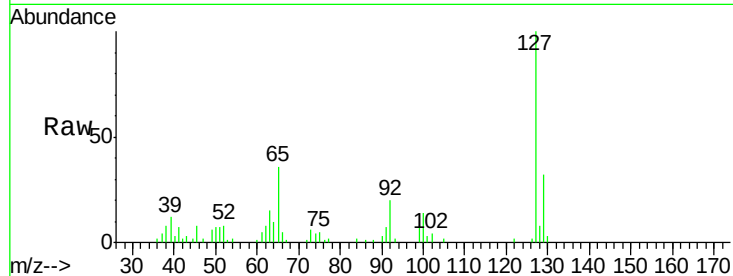
#33
4-Chloroaniline
Concen: 12.87 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.02 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

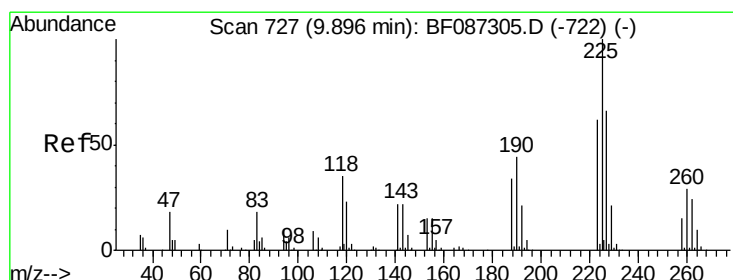
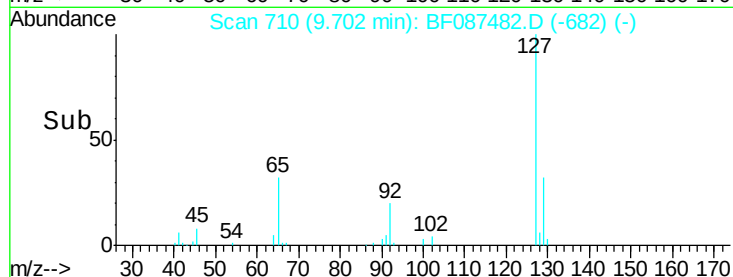
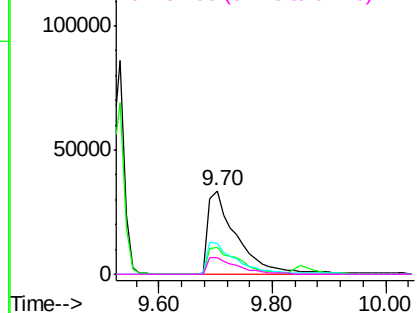
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	116657		
129	32.0	26.2	39.4	
65	36.0	23.0	34.4	
92	20.0	15.1	22.7	

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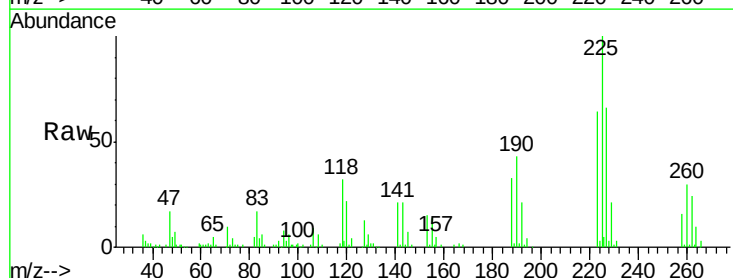


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

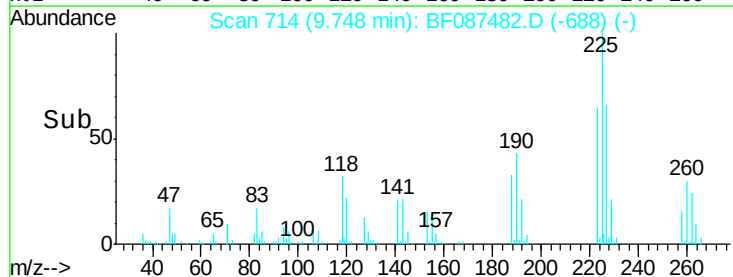
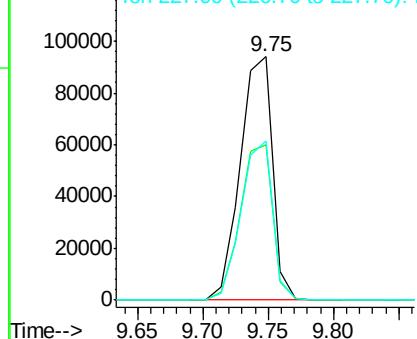


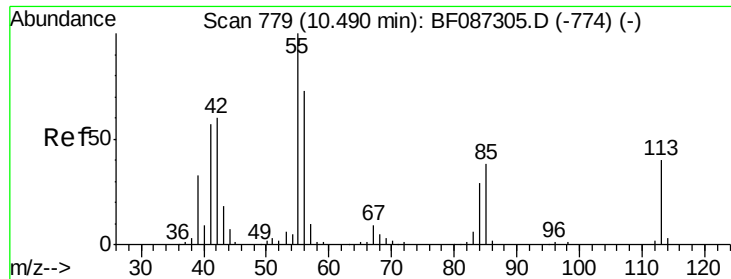
#34
Hexachlorobutadiene
Concen: 35.32 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161677		
223	63.8	51.5	77.3	
227	65.5	52.2	78.2	



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: 41.31 ng m

RT: 10.31 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB90943BS

Tgt Ion:113 Resp: 79317
Ion Ratio Lower Upper

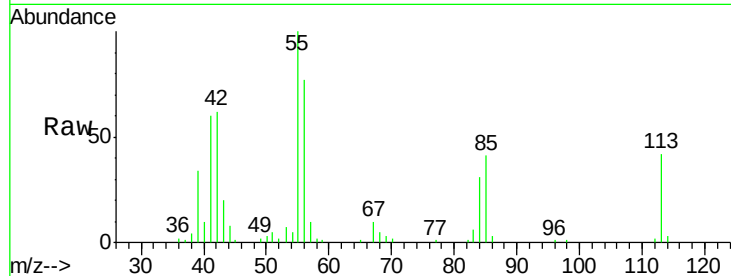
113 100

55 240.2 162.0 202.0#

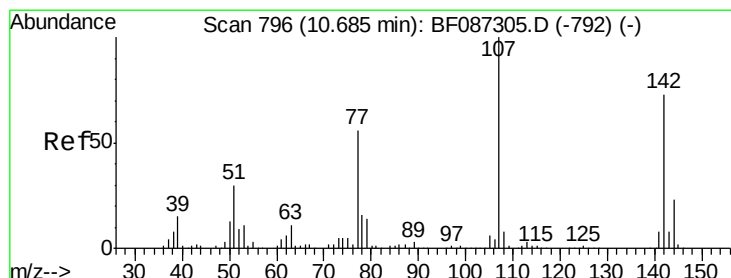
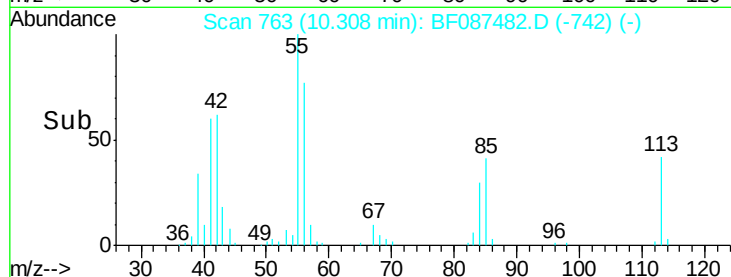
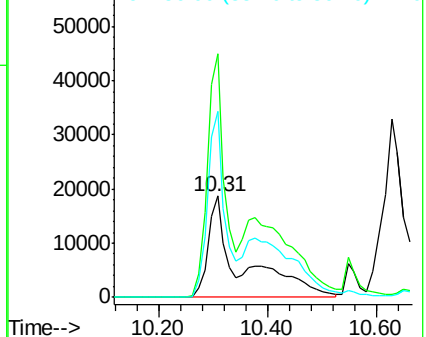
56 183.9 115.3 155.3#

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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: 41.26 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF087482.D

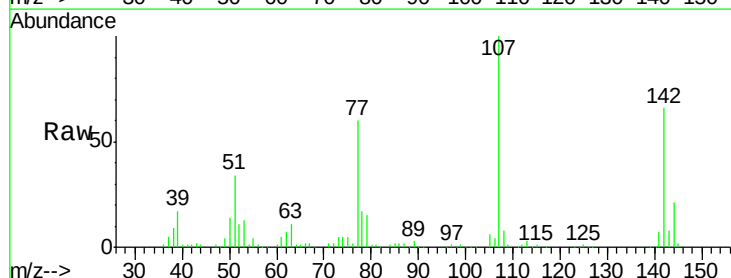
Acq: 28 May 2016 16:31

Tgt Ion:107 Resp: 306895
Ion Ratio Lower Upper

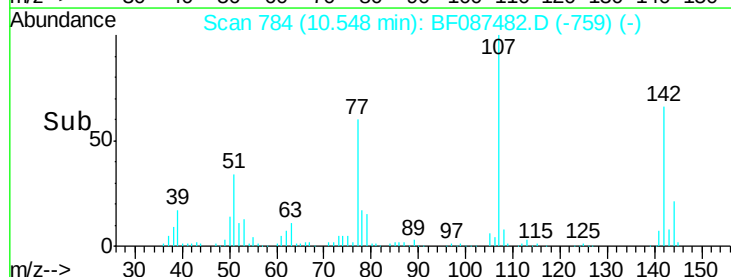
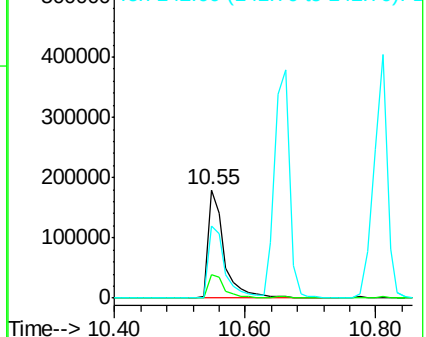
107 100

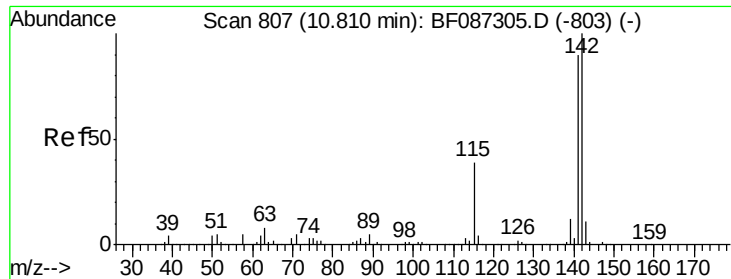
144 21.2 20.7 31.1

142 66.4 63.2 94.8



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





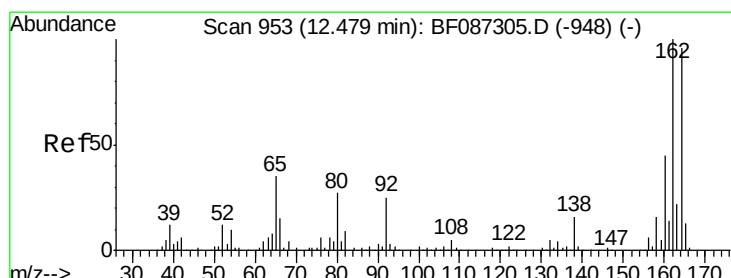
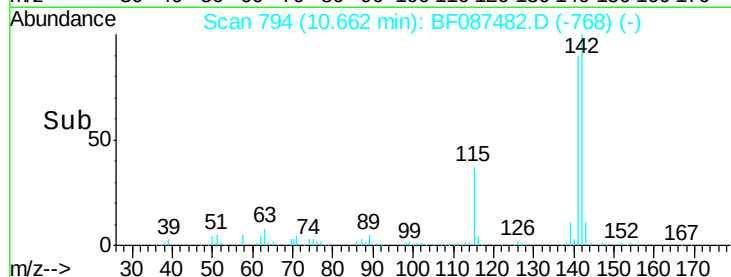
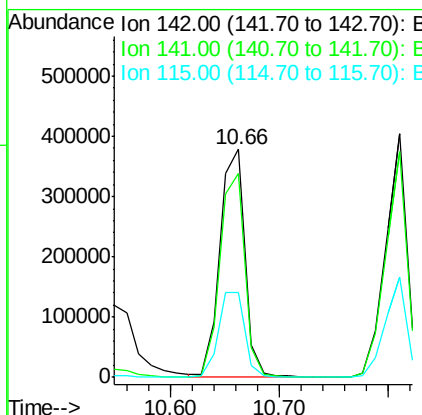
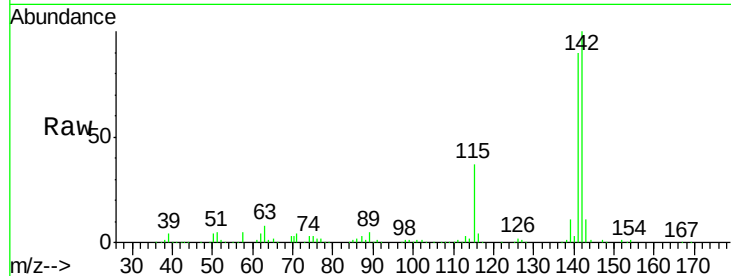
#37
2-Methylnaphthalene
Concen: 39.36 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampled :
PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	605211		
141	89.9	71.0	106.6	
115	37.3	26.6	39.8	

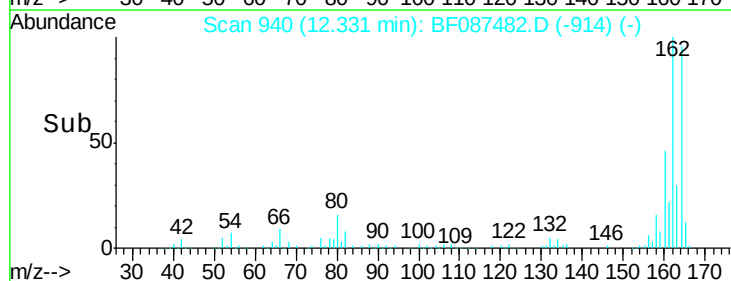
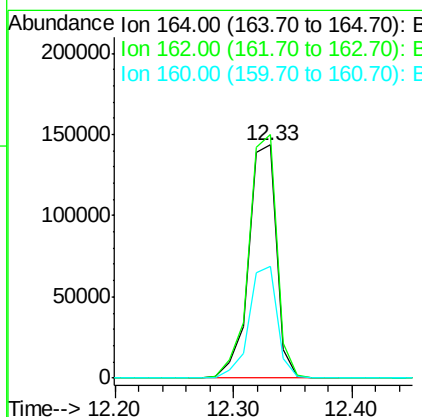
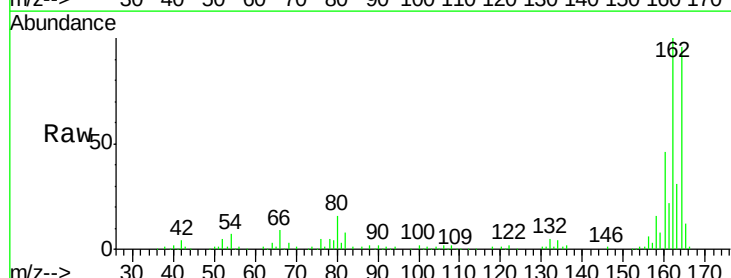
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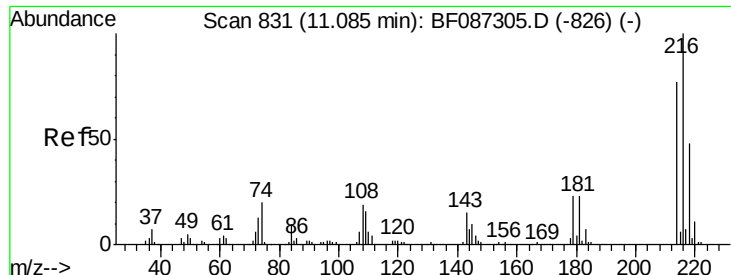
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	235572		
162	104.5	82.8	124.2	
160	48.0	36.9	55.3	





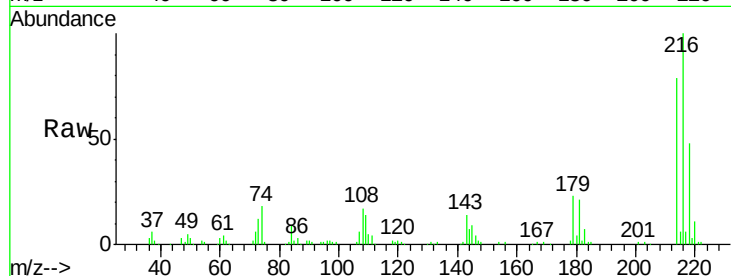
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.13 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleID :
 PB90943BS

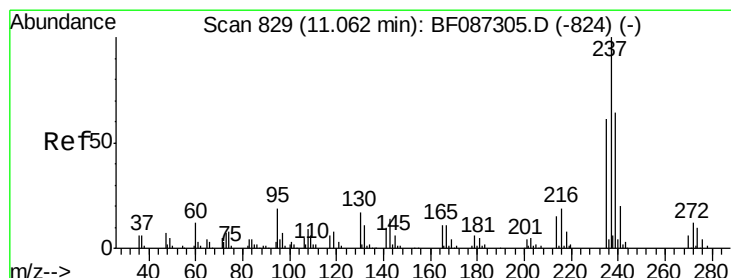
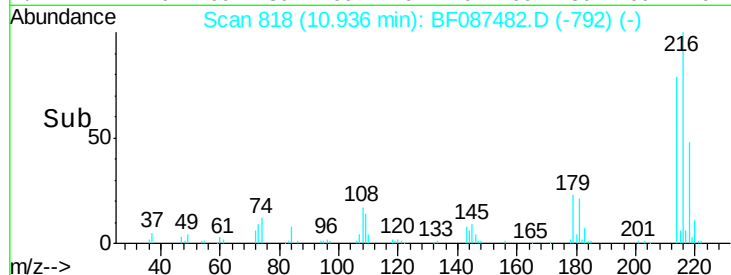
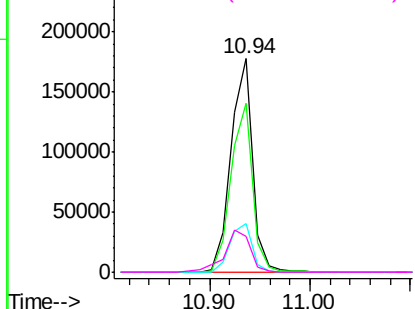
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	264922		
214	79.3	62.6	93.8	
179	23.7	18.2	27.4	
108	23.8	17.5	26.3	

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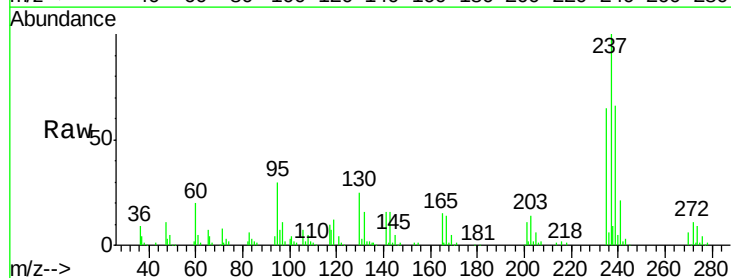


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

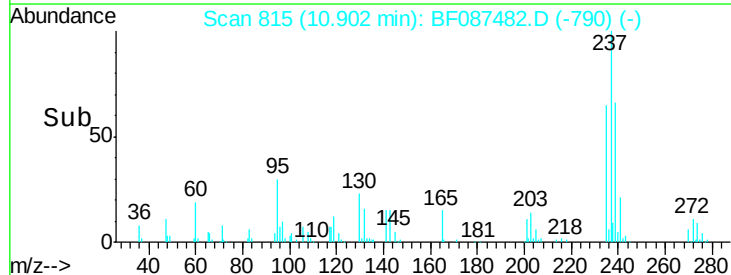
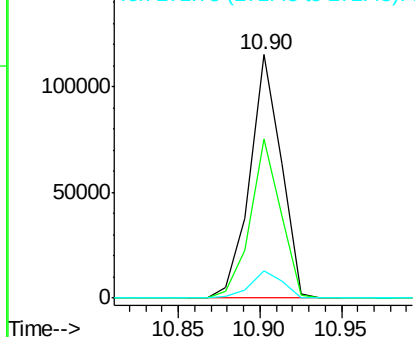


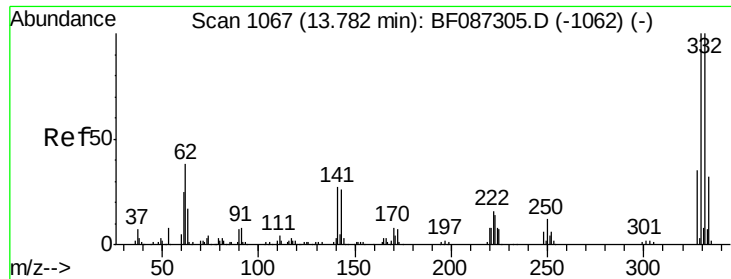
#40
 Hexachlorocyclopentadiene
 Concen: 53.10 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	153584		
235	65.2	47.2	87.2	
272	11.3	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





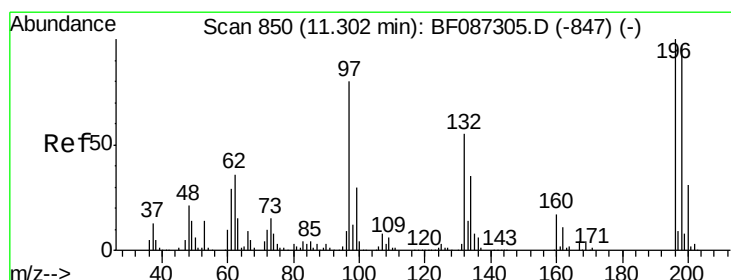
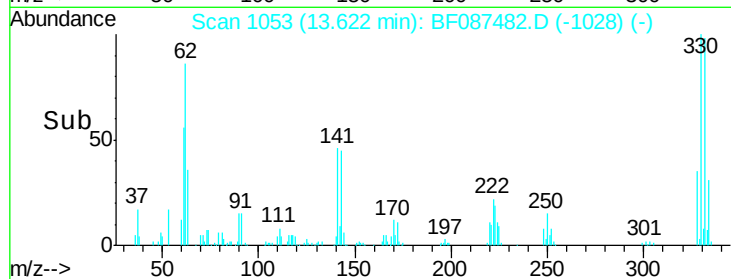
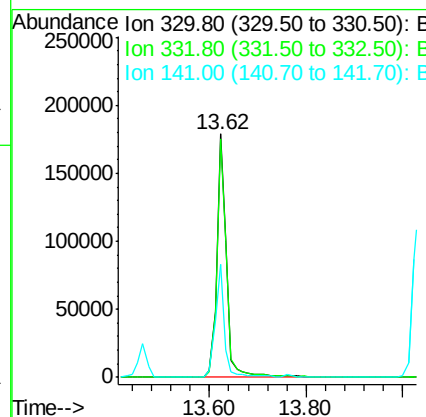
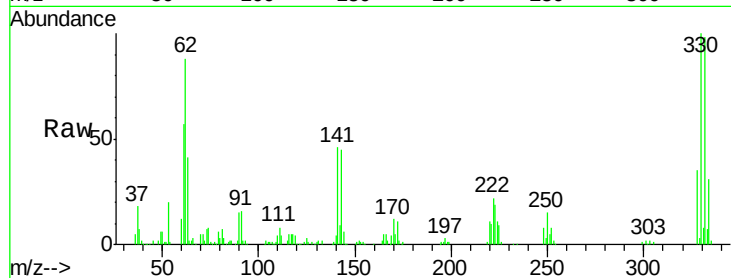
#41
 2,4,6-Tribromophenol
 Concen: 114.90 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	260114		
332	98.0	79.0	118.4	
141	43.3	31.2	46.8	

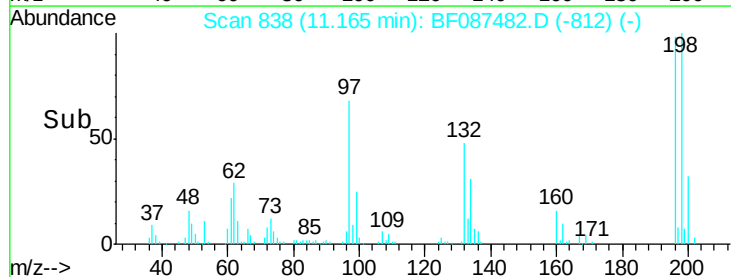
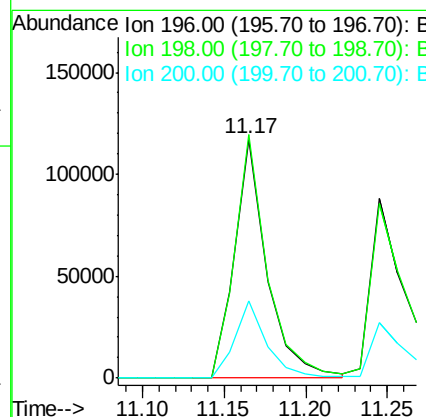
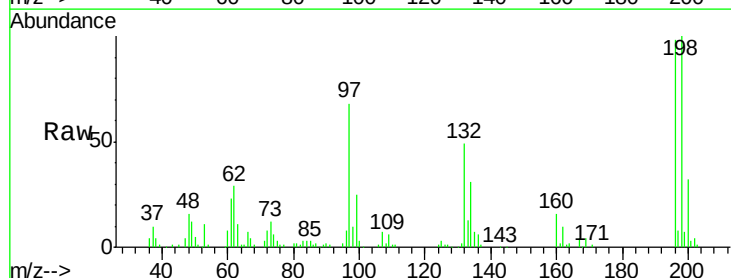
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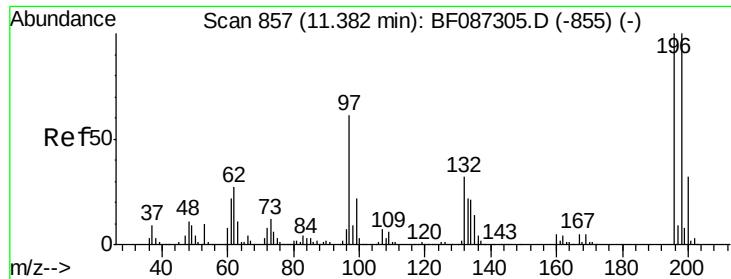
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#42
 2,4,6-Trichlorophenol
 Concen: 37.12 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

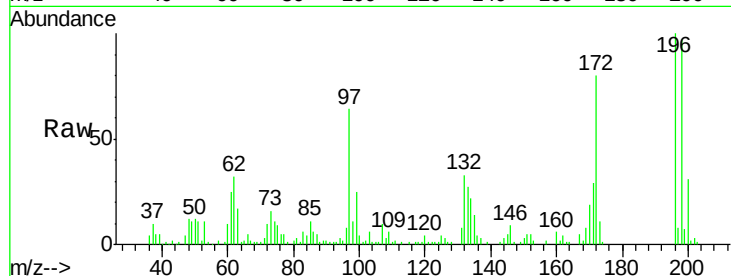
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161551		
198	101.9	74.7	112.1	
200	32.6	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 36.00 ng
 RT: 11.25 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

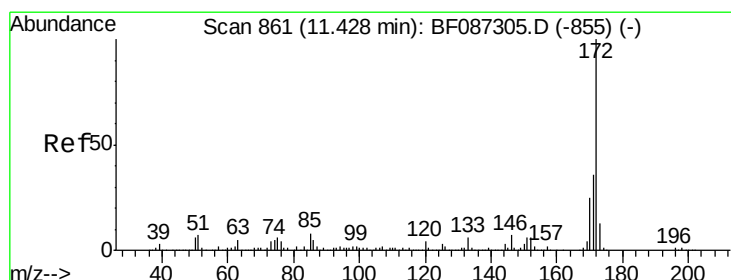
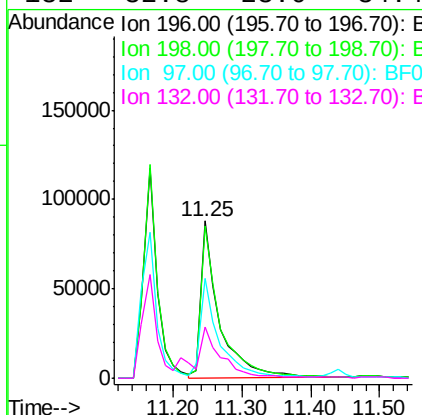
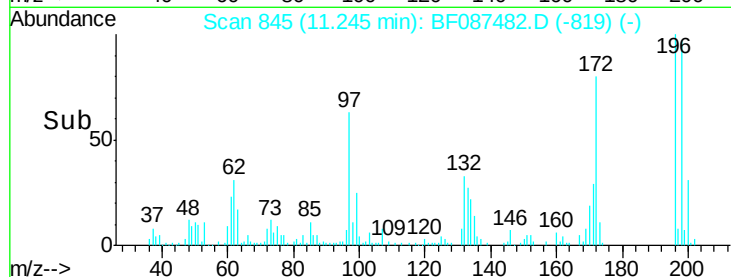
Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS



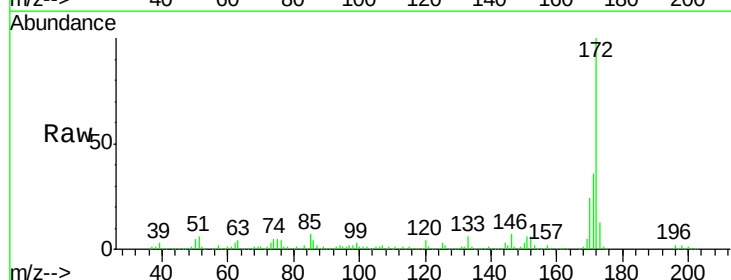
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159564		
198	97.0	77.5	116.3	
97	63.7	34.8	52.2	
132	32.8	23.0	34.4	

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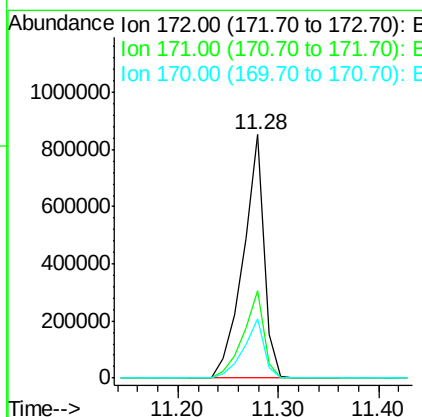
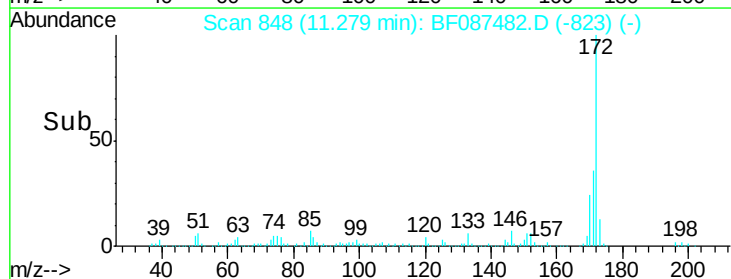
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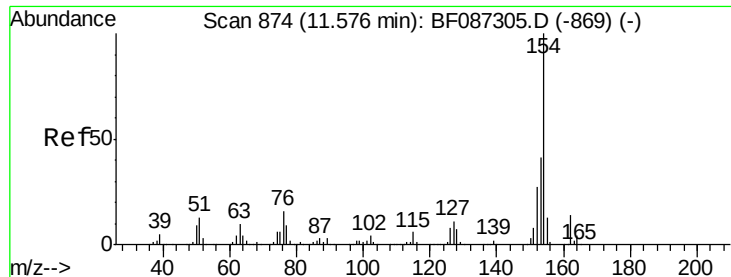


#44
 2-Fluorobiphenyl
 Concen: 73.71 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1231714		
171	35.8	29.0	43.6	
170	24.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.11 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

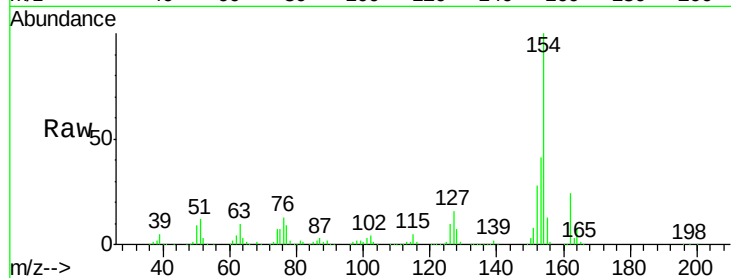
ClientSampleId :

PB90943BS

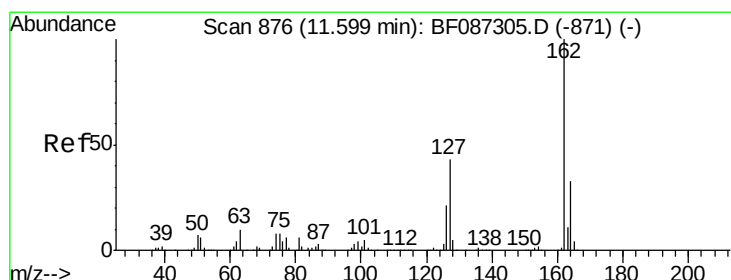
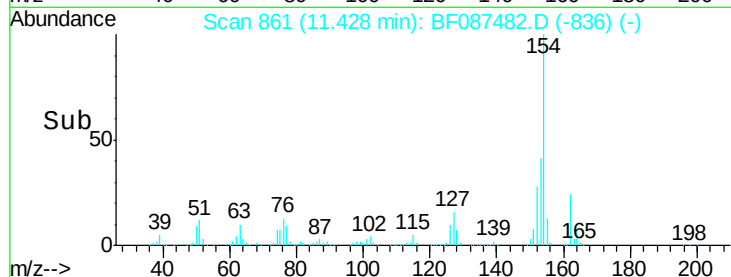
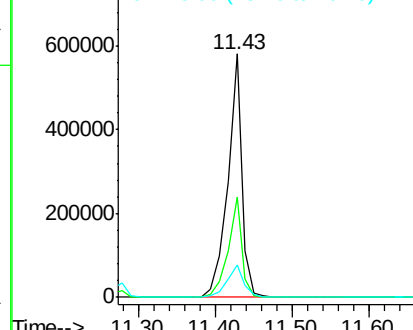
Tgt Ion:	154	Resp:	755862
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.3	60.3
76	13.5	0.0	30.2

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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: 36.15 ng

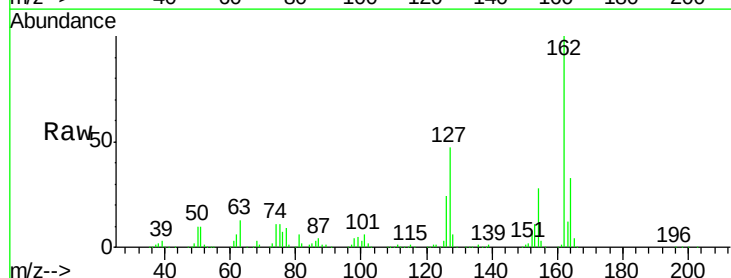
RT: 11.44 min Scan# 862

Delta R.T. -0.01 min

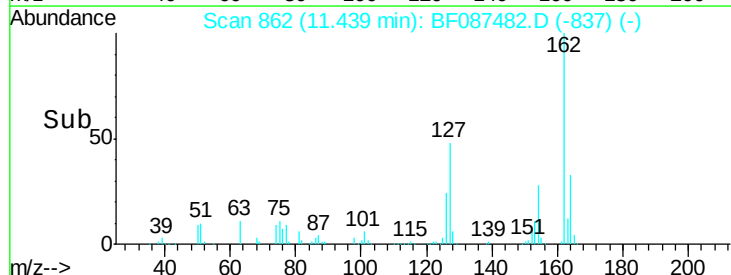
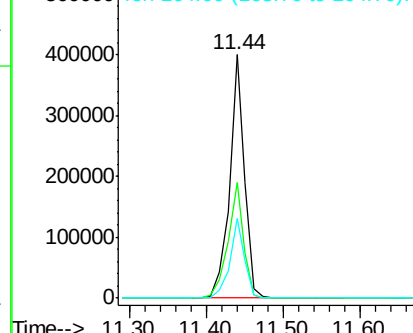
Lab File: BF087482.D

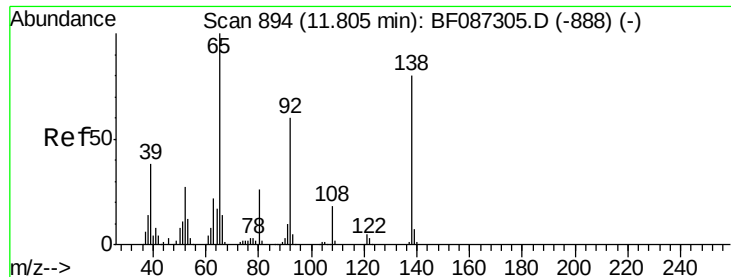
Acq: 28 May 2016 16:31

Tgt Ion:	162	Resp:	548540
Ion Ratio	Lower	Upper	
162	100		
127	47.5	31.8	47.6
164	32.6	27.0	40.6



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: 42.36 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

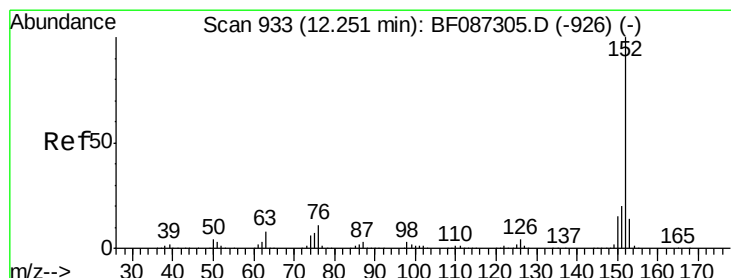
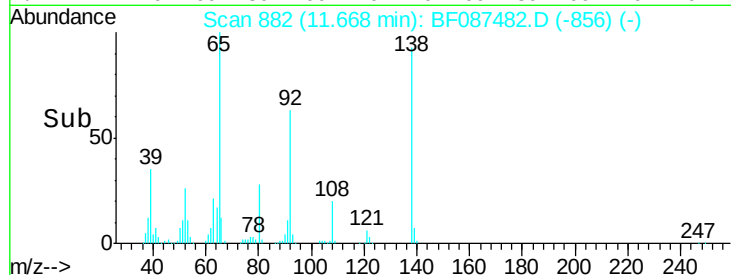
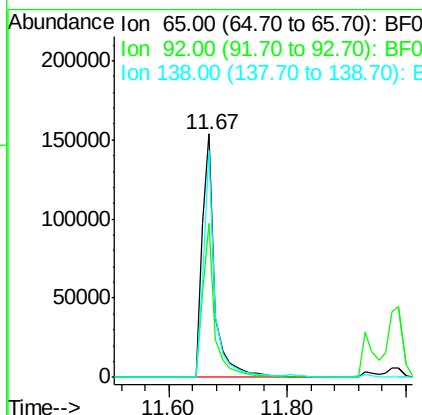
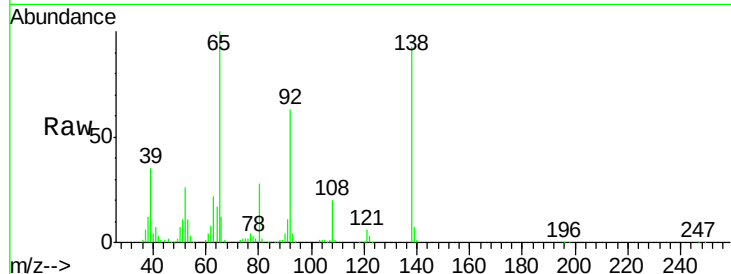
ClientSampleId :

PB90943BS

Tgt Ion:	65	Resp:	231559
Ion Ratio	Lower	Upper	
65	100		
92	63.2	57.4	86.2
138	93.4	90.1	135.1

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#48

Acenaphthylene

Concen: 37.98 ng

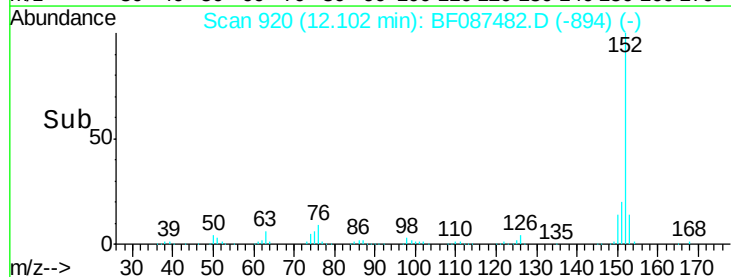
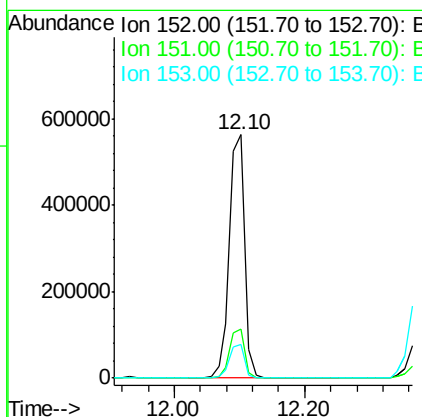
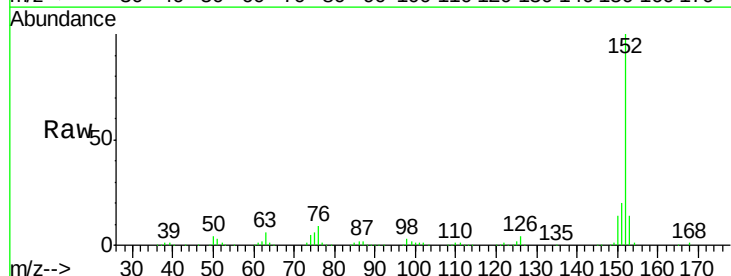
RT: 12.10 min Scan# 920

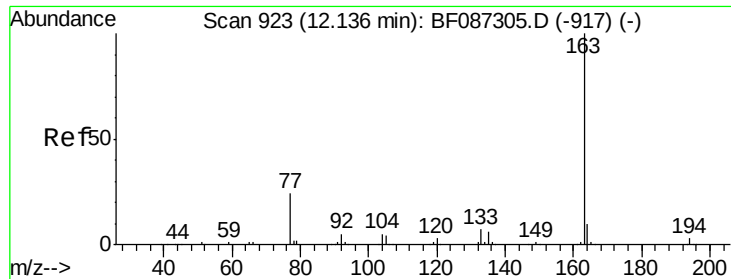
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	152	Resp:	912319
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.7	10.9	16.3





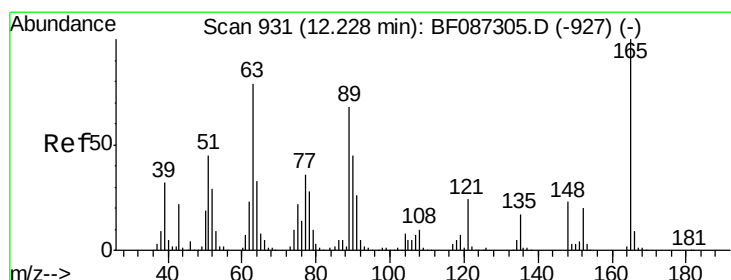
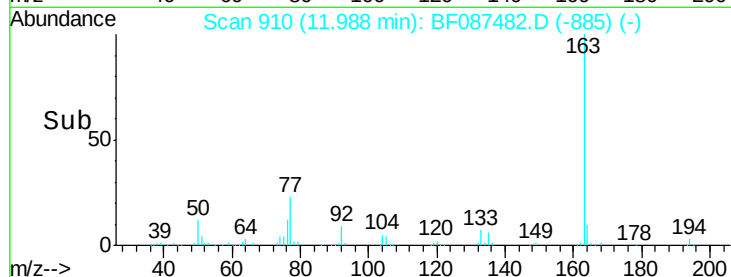
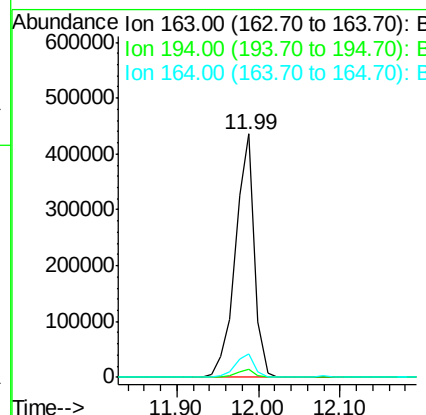
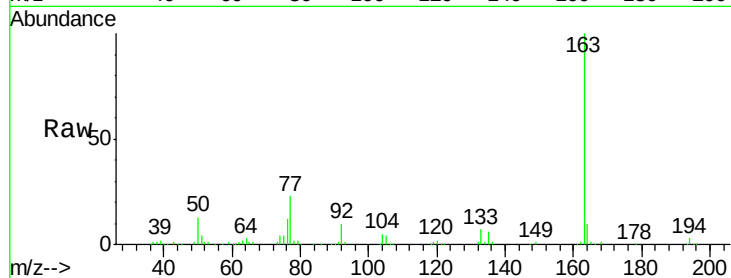
#49
Dimethylphthalate
Concen: 37.11 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.2	12.4

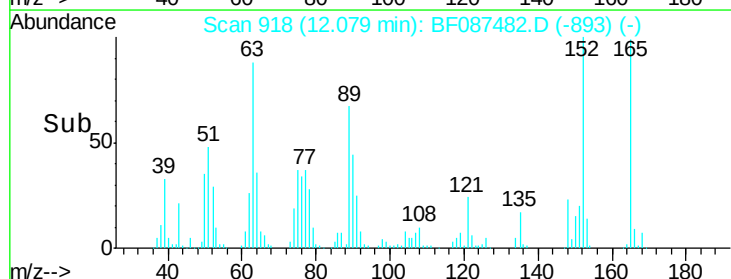
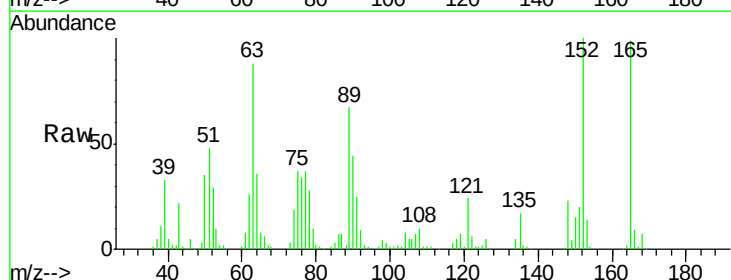
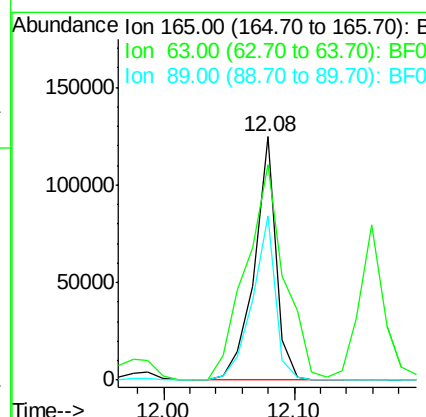
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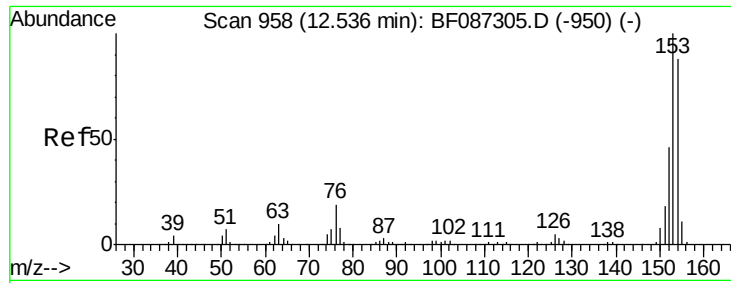
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#50
2,6-Dinitrotoluene
Concen: 38.28 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	88.4	51.8	77.8#
89	67.4	50.7	76.1





#51

Acenaphthene

Concen: 36.52 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087482.D

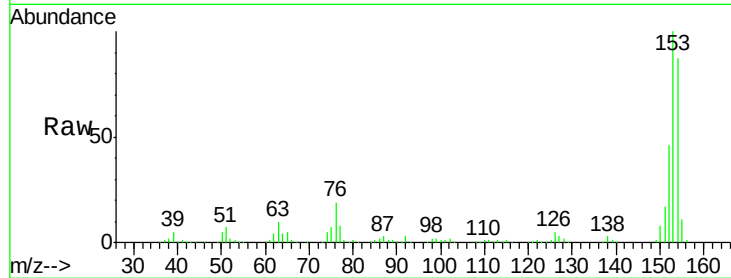
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

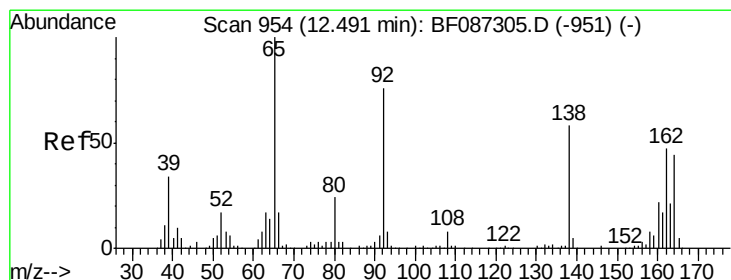
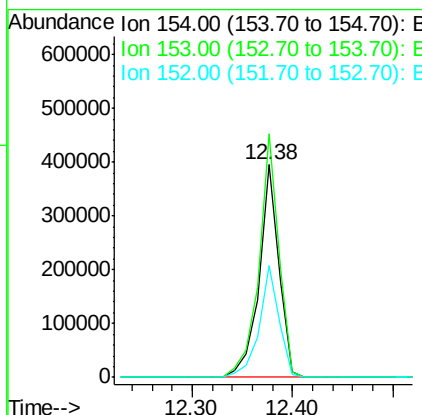
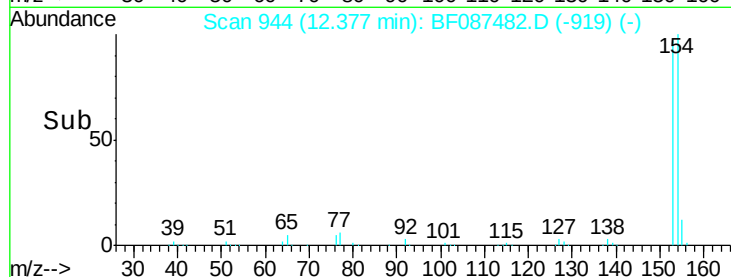
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.6	89.8	134.6	
152	52.6	43.4	65.0	

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#52

3-Nitroaniline

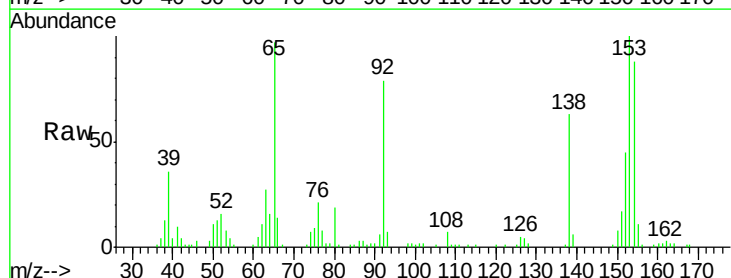
Concen: 19.03 ng

RT: 12.35 min Scan# 942

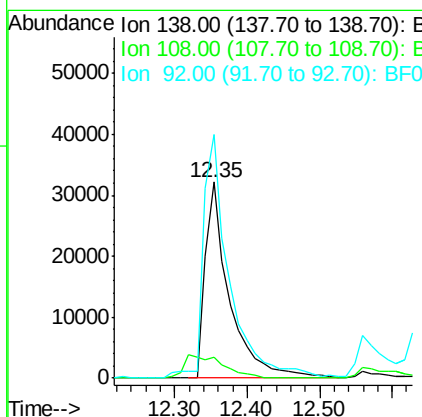
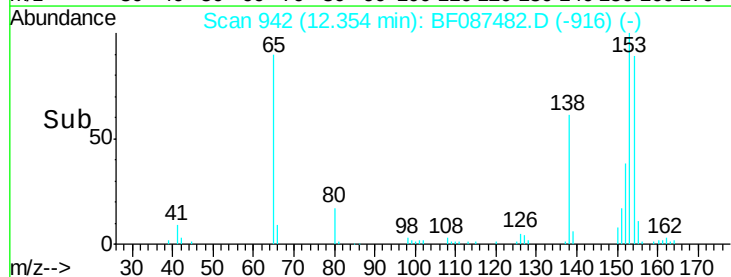
Delta R.T. 0.00 min

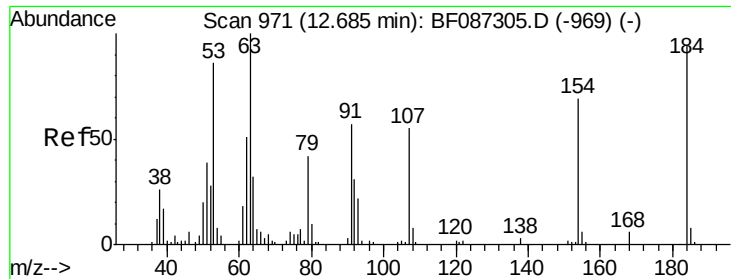
Lab File: BF087482.D

Acq: 28 May 2016 16:31



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.0	7.8	11.6	
92	124.3	87.8	131.8	





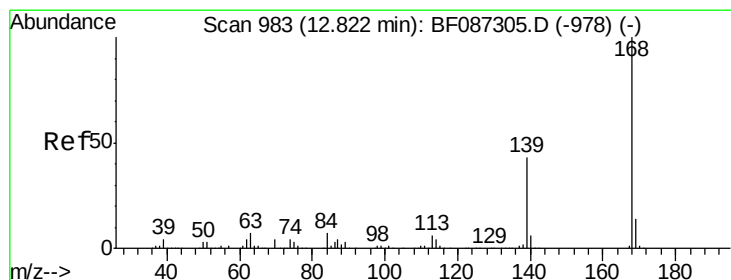
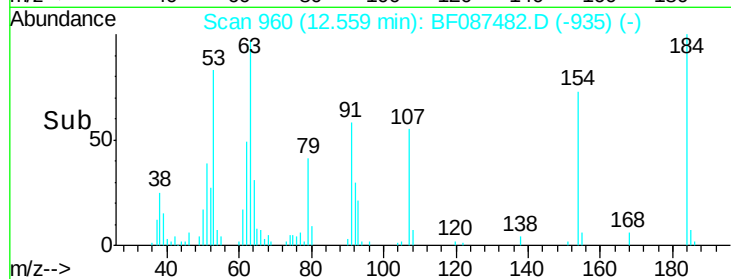
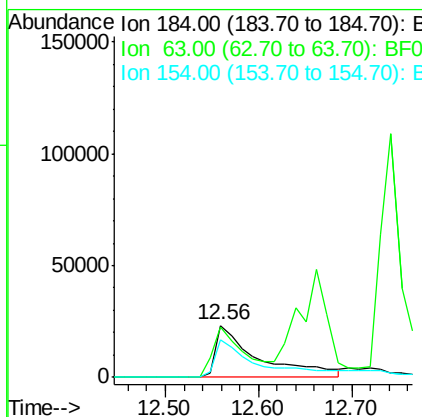
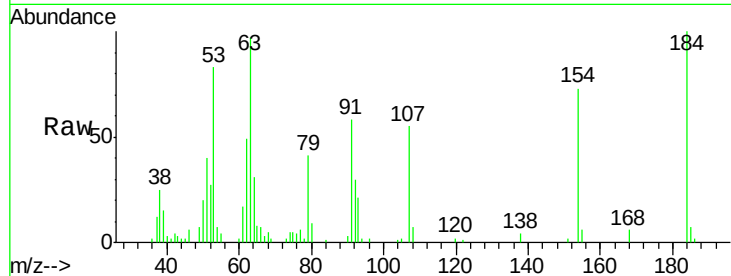
#53
2,4-Dinitrophenol
Concen: 41.28 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampled :
PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	73609		
63	96.6	55.8	83.8#	
154	73.3	62.4	93.6	

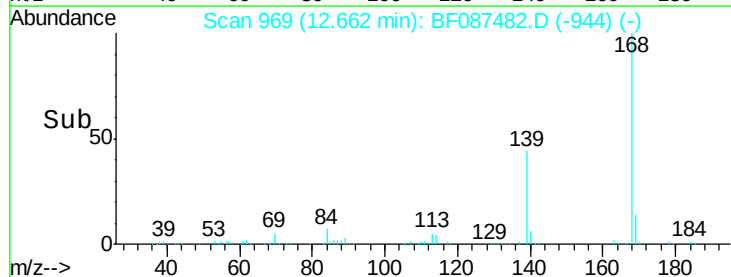
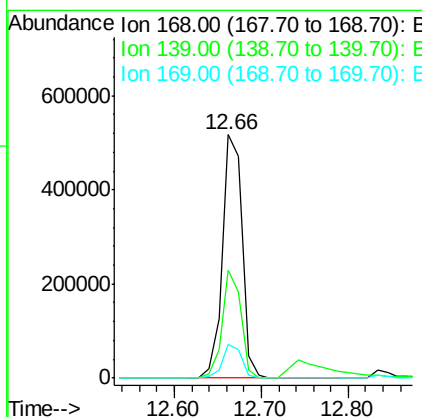
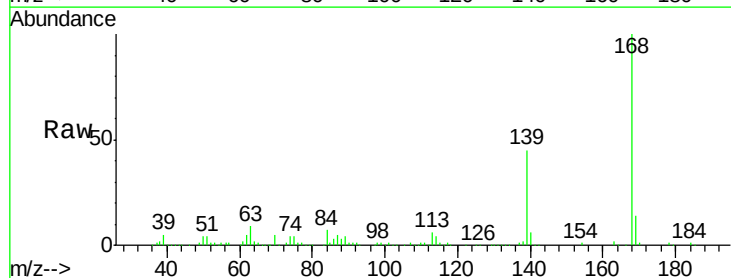
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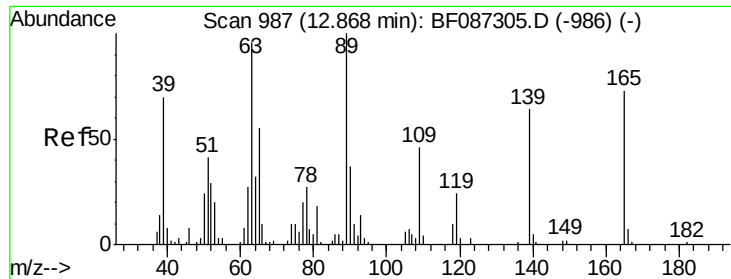
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#54
Dibenzofuran
Concen: 41.04 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	820439		
139	44.5	31.4	47.0	
169	13.7	10.7	16.1	





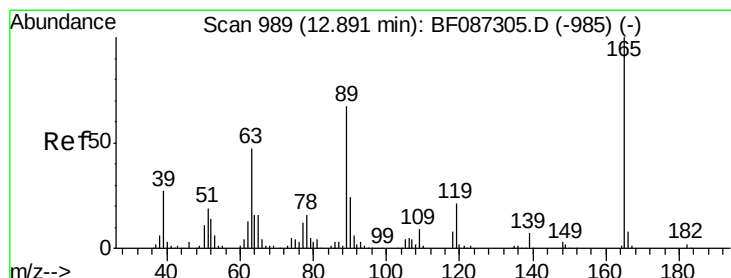
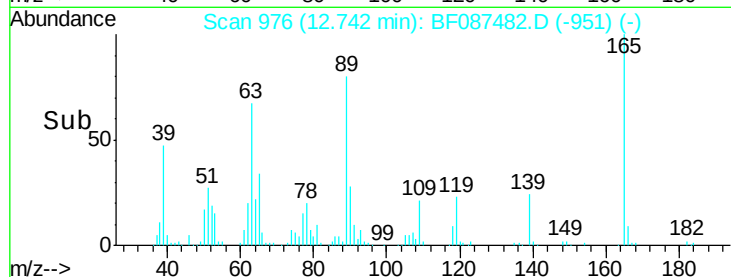
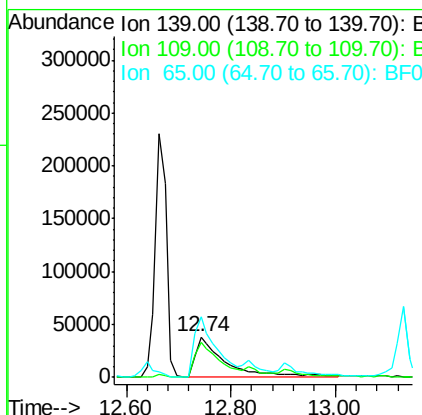
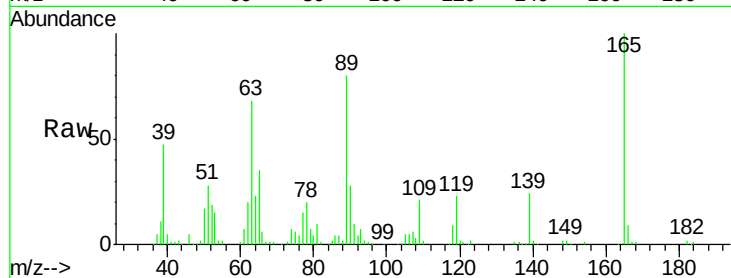
#55
4-Nitrophenol
Concen: 79.08 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

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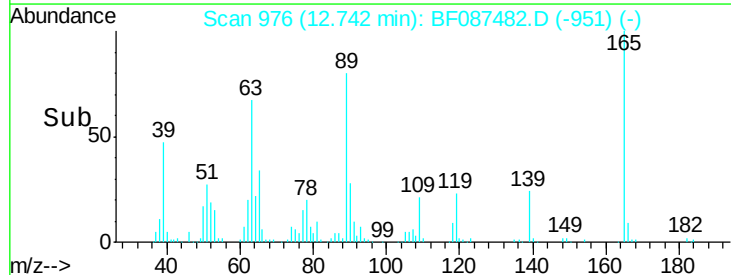
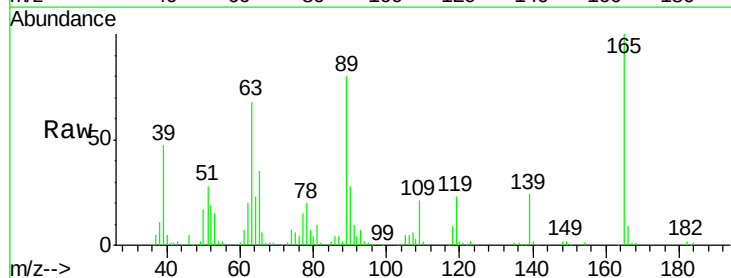
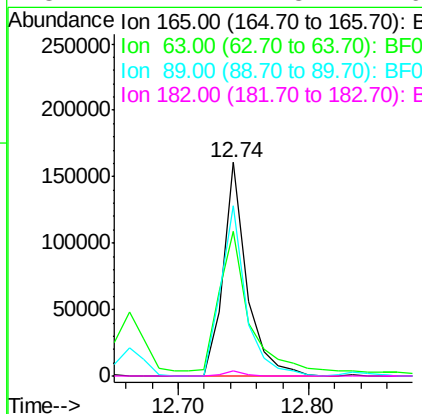
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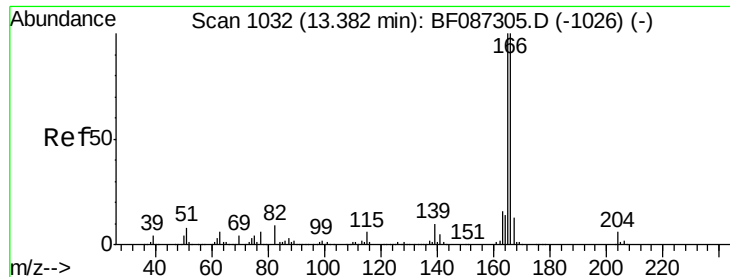
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147213		
109	86.4	36.9	76.9#	
65	148.3	64.0	104.0#	



#56
2,4-Dinitrotoluene
Concen: 40.23 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204449		
63	67.7	44.3	66.5#	
89	80.0	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 38.23 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

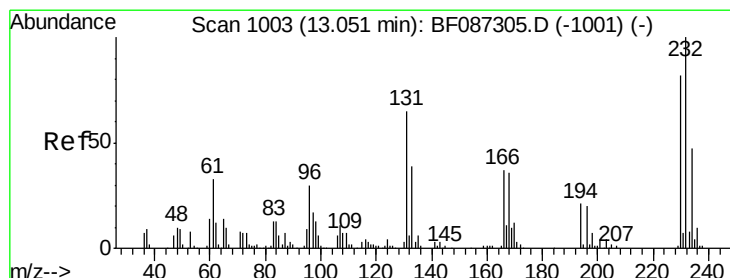
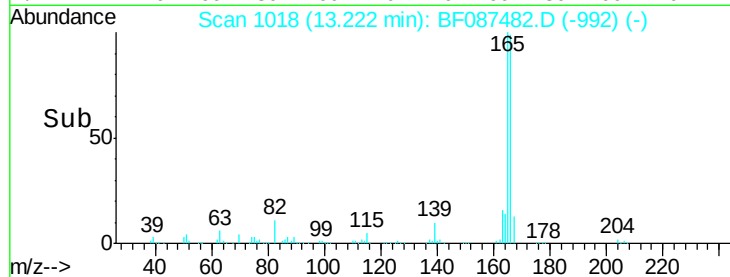
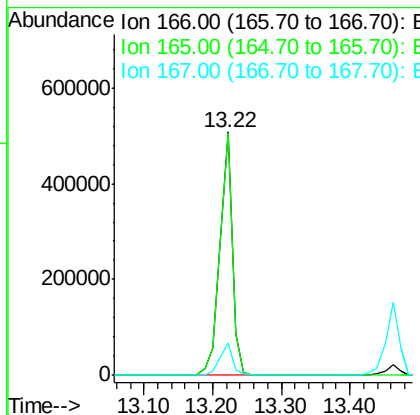
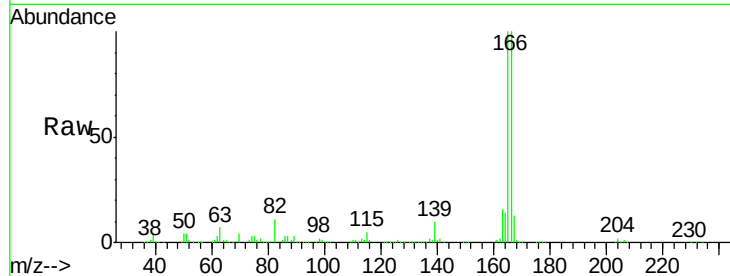
ClientSampleId :

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Tgt Ion:	166	Resp:	662812
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.6
167	13.2	10.6	15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.74 ng

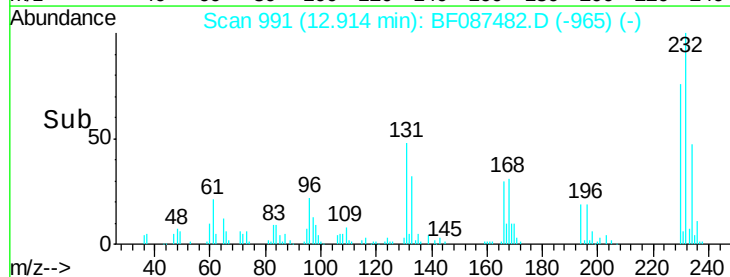
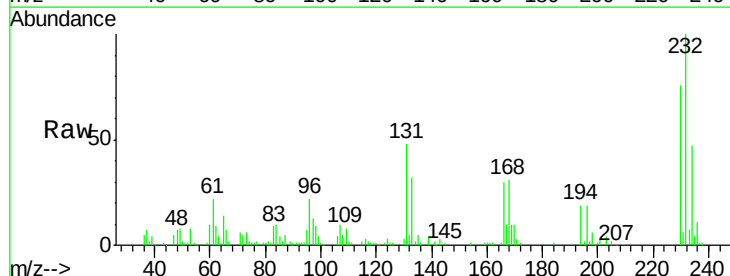
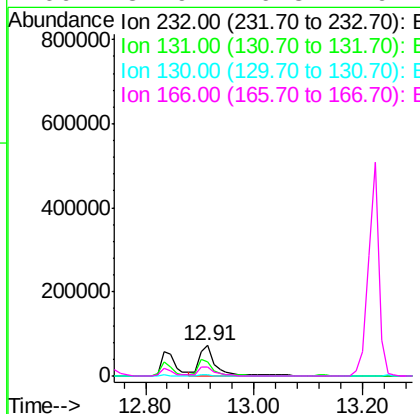
RT: 12.91 min Scan# 991

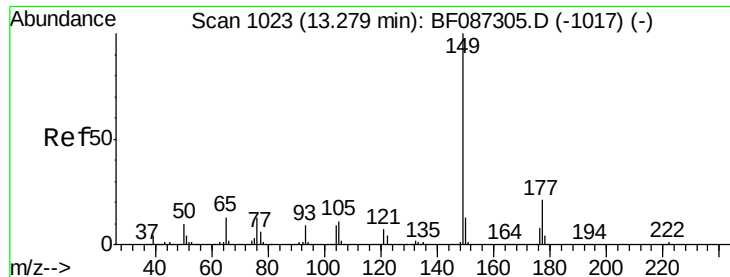
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	232	Resp:	145731
Ion Ratio	Lower	Upper	
232	100		
131	55.2	41.9	62.9
130	2.8	2.2	3.4
166	32.9	26.8	40.2





#59

Diethylphthalate

Concen: 36.72 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

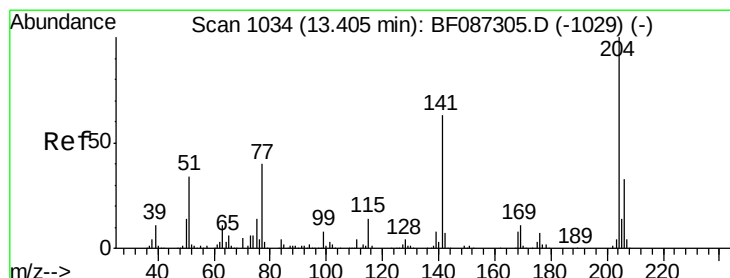
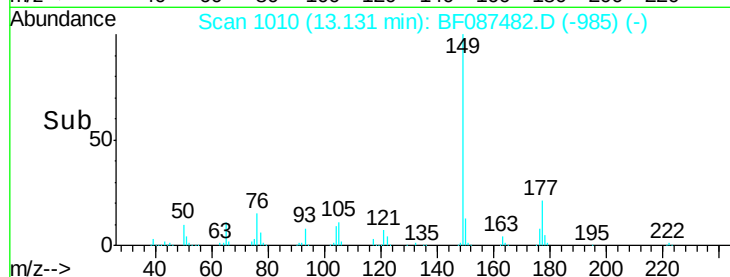
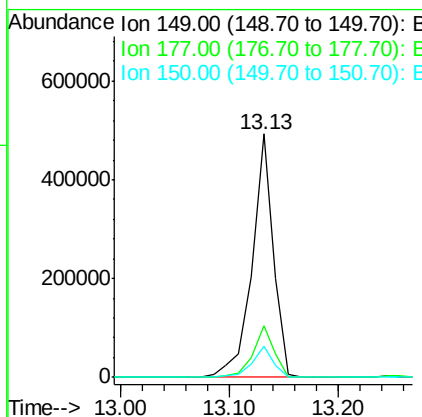
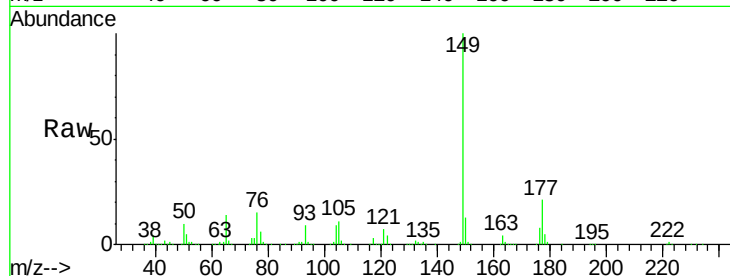
ClientSampleId :

PB90943BS

Tgt Ion:	149	Resp:	673711
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	24.8
150	12.9	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 35.87 ng

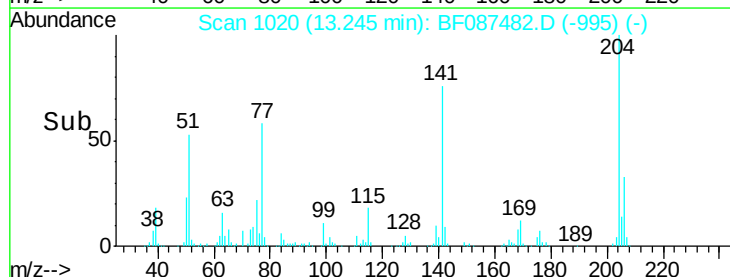
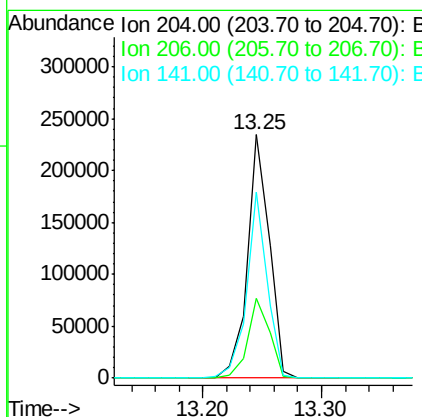
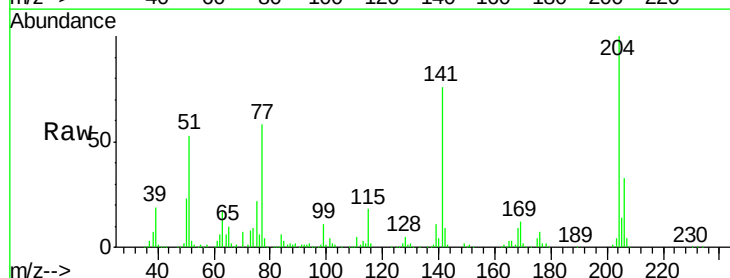
RT: 13.25 min Scan# 1020

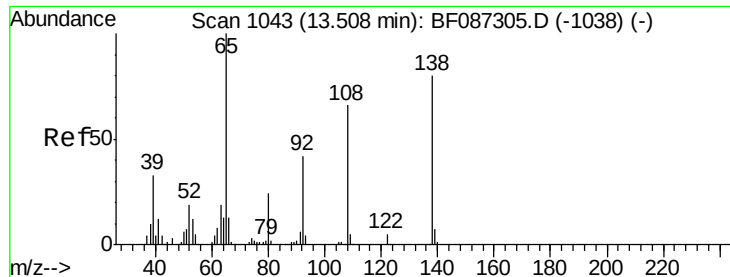
Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	204	Resp:	303217
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.4	38.0
141	76.5	61.6	92.4





#61

4-Nitroaniline

Concen: 36.42 ng

RT: 13.35 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF087482.D

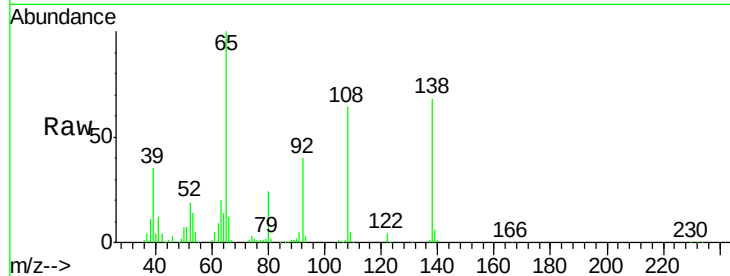
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

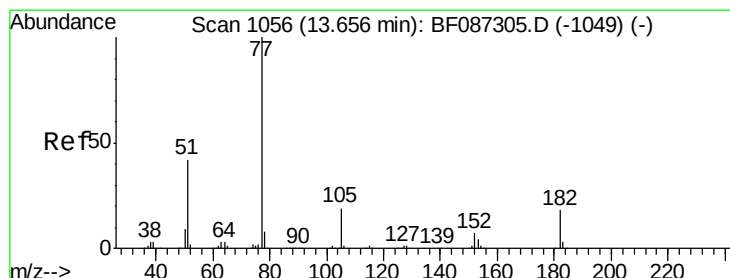
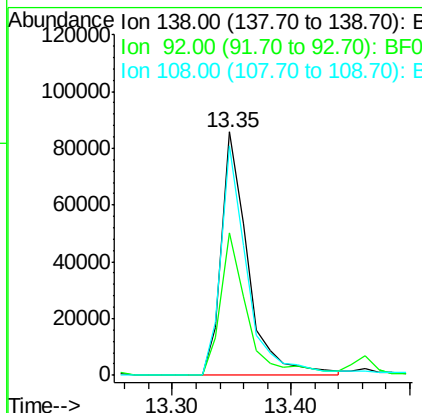
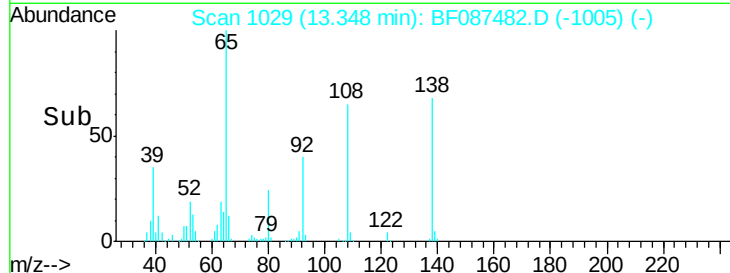
PB90943BS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	24.7	64.7
108	94.4	37.4	77.4#

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#62

Azobenzene

Concen: 43.38 ng

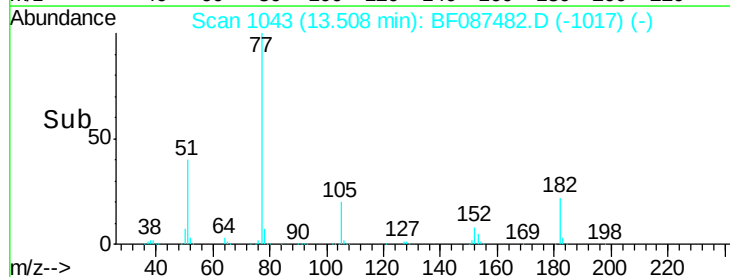
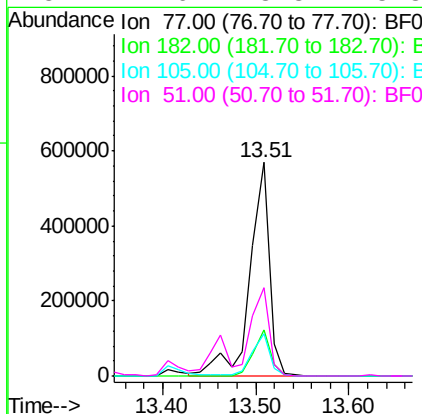
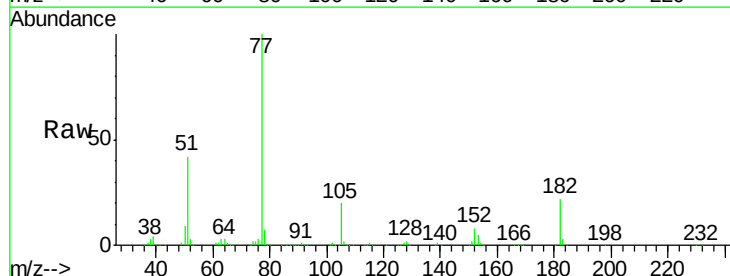
RT: 13.51 min Scan# 1043

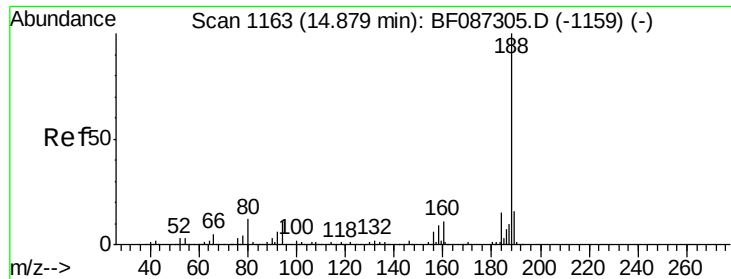
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.0	38.8
105	20.0	3.2	43.2
51	41.6	8.8	48.8





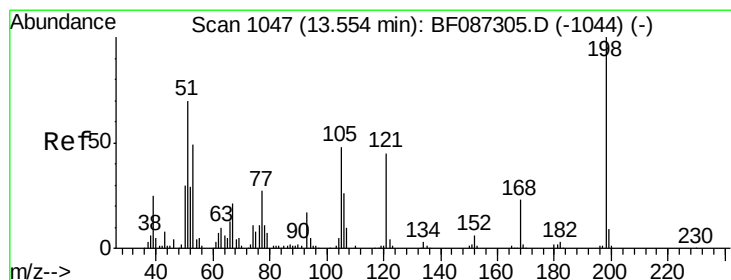
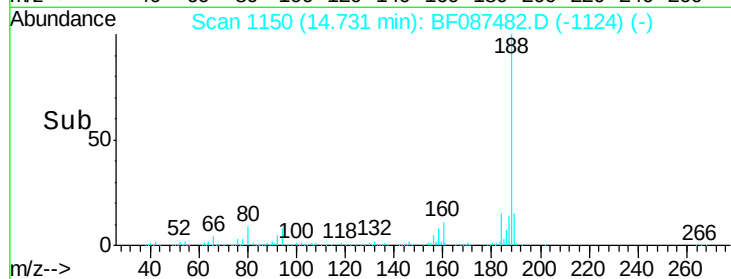
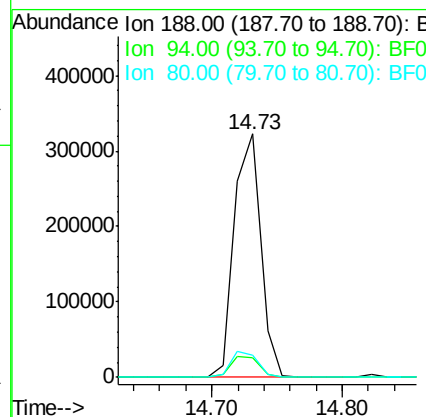
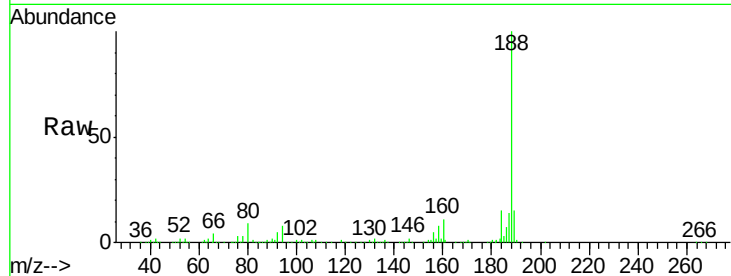
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	6.8	10.2
80	9.0	7.1	10.7

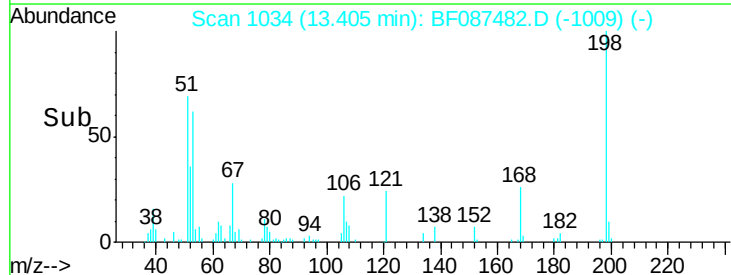
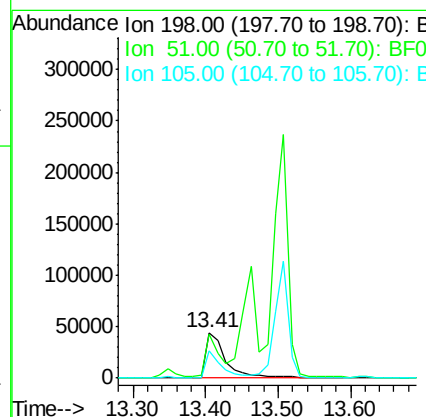
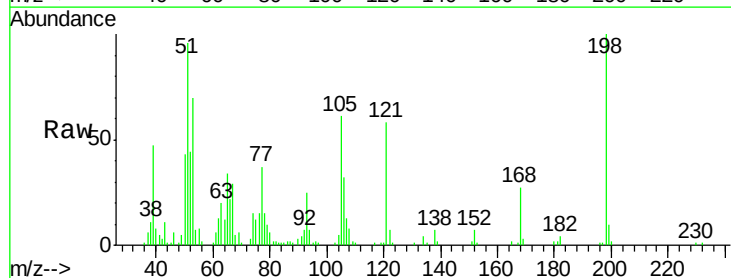
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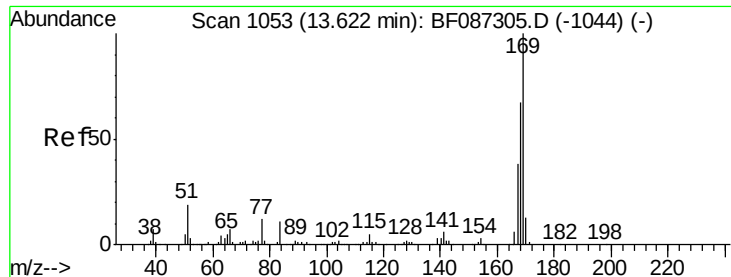
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.50 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	96.2	20.5	60.5#
105	60.7	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 37.70 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

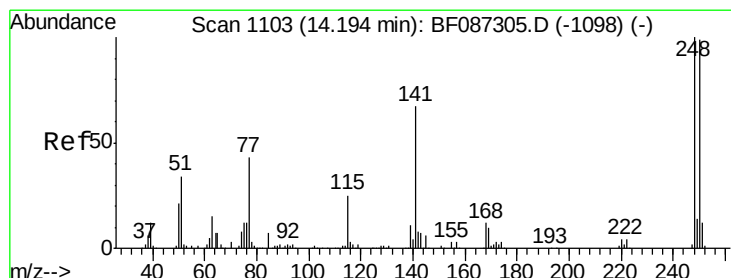
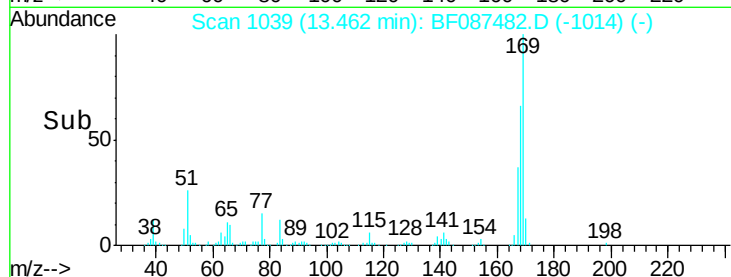
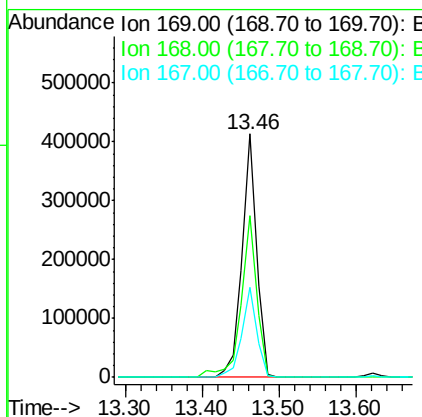
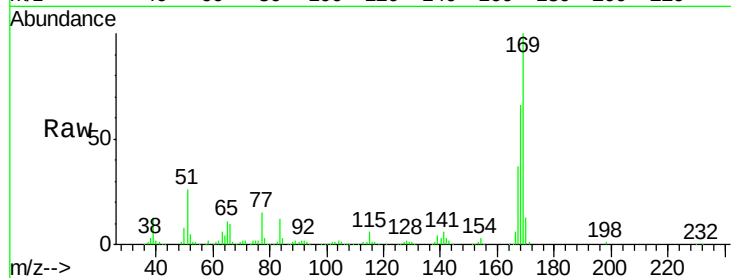
ClientSampleId :

PB90943BS

Tgt Ion:	169	Resp:	556309
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.8	80.6
167	37.0	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 36.62 ng

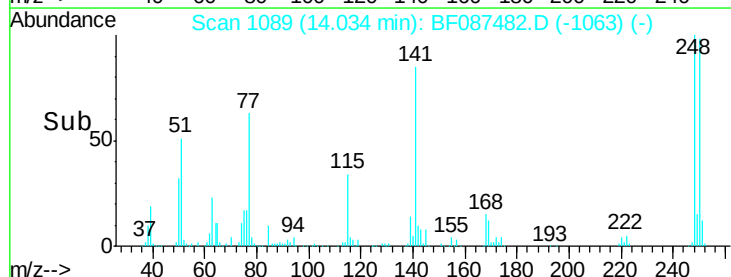
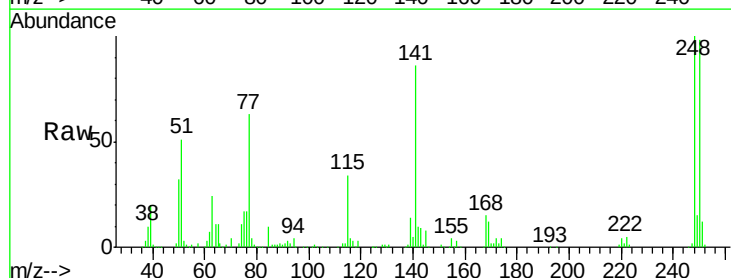
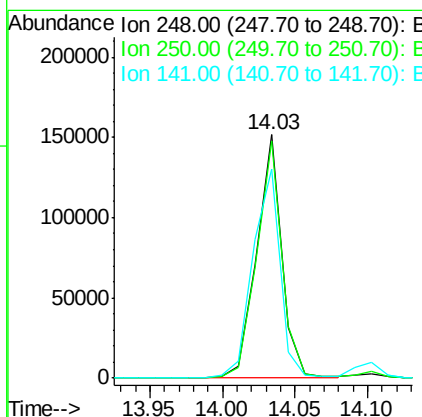
RT: 14.03 min Scan# 1089

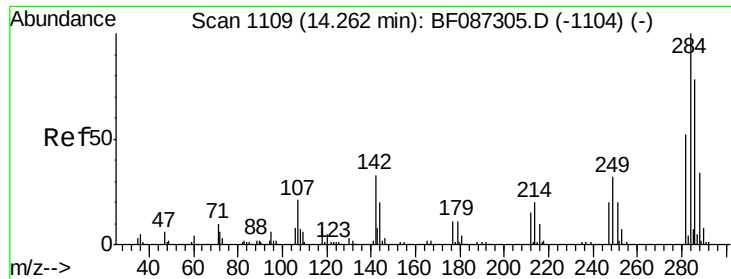
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	248	Resp:	182817
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	117.8
141	85.7	76.0	114.0





#67

Hexachlorobenzene

Concen: 36.20 ng

RT: 14.10 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF087482.D

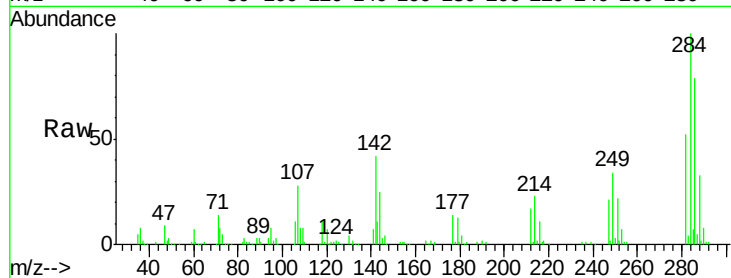
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

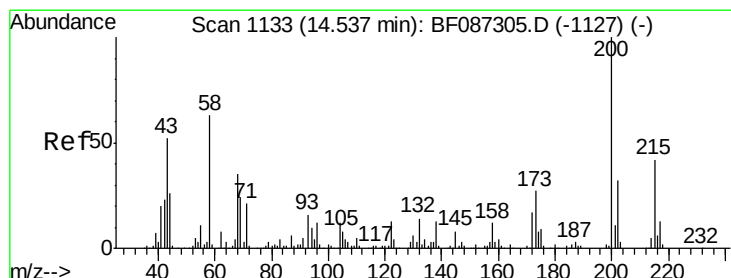
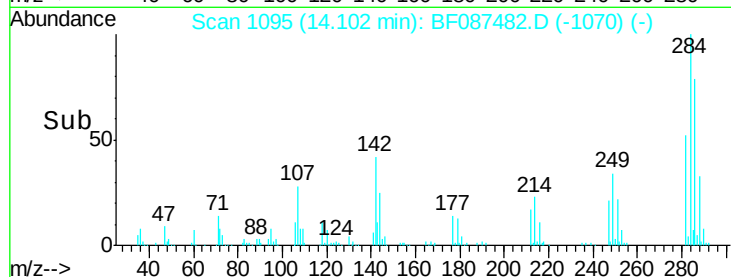
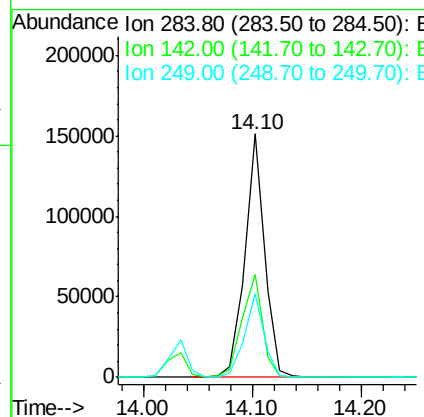
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Tgt Ion:	284	Resp:	188994
Ion Ratio	100	Lower	Upper
284	100		
142	42.2	16.7	25.1#
249	34.5	21.3	31.9#

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#68

Atrazine

Concen: 40.41 ng

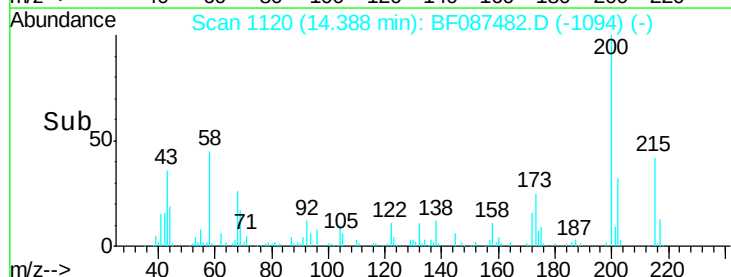
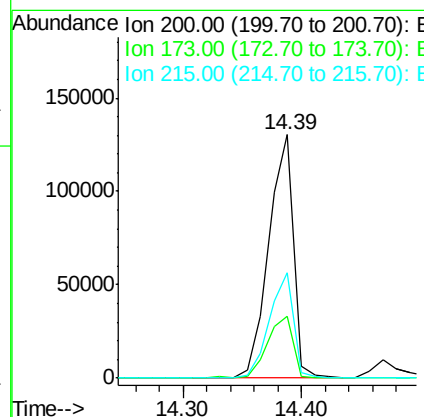
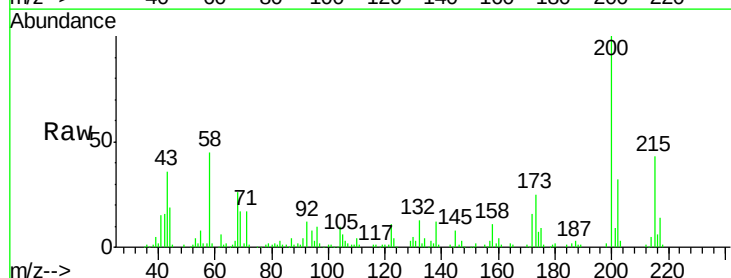
RT: 14.39 min Scan# 1120

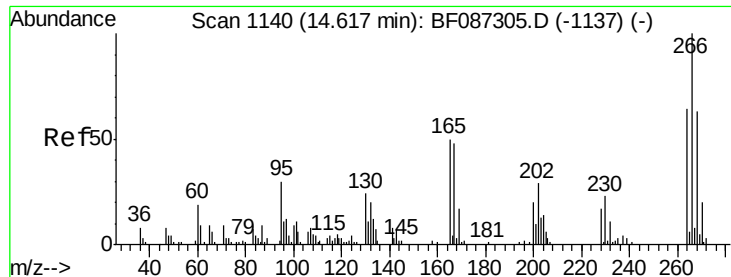
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	200	Resp:	190110
Ion Ratio	100	Lower	Upper
200	100		
173	25.2	8.5	48.5
215	43.1	27.2	67.2





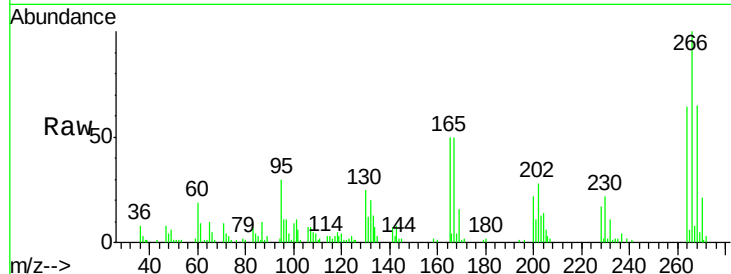
#69
 Pentachlorophenol
 Concen: 63.60 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	100971		
268	65.4	51.5	77.3	
264	63.5	52.9	79.3	

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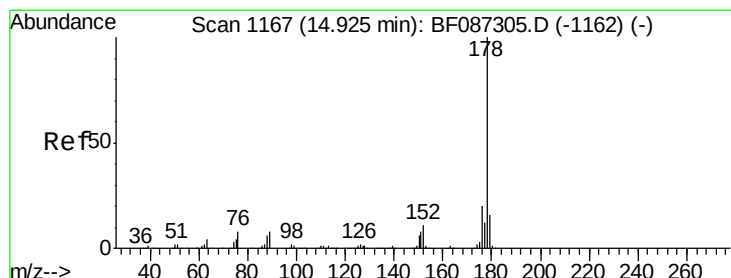
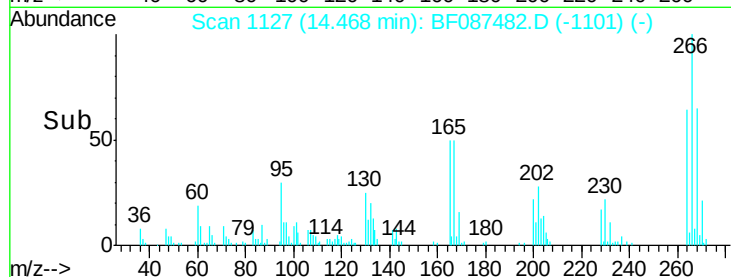
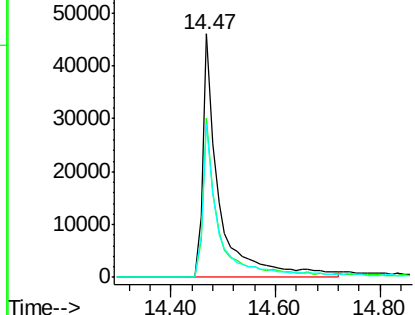


Abundance

Ion 265.70 (265.40 to 266.40): E

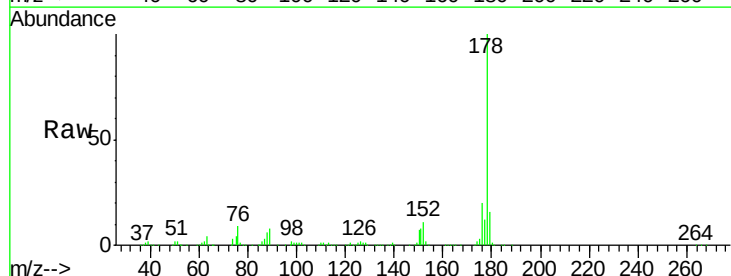
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.55 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	949135		
176	19.5	16.0	24.0	
179	15.5	12.6	18.8	

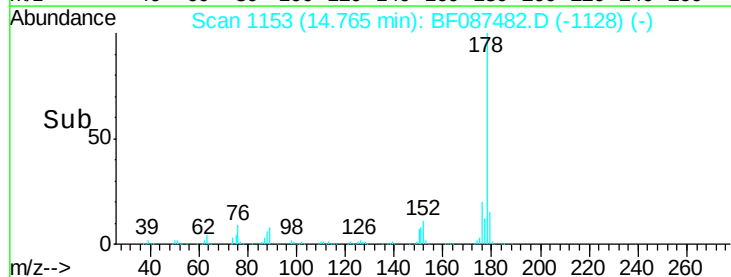
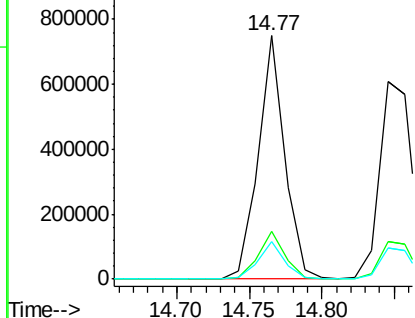


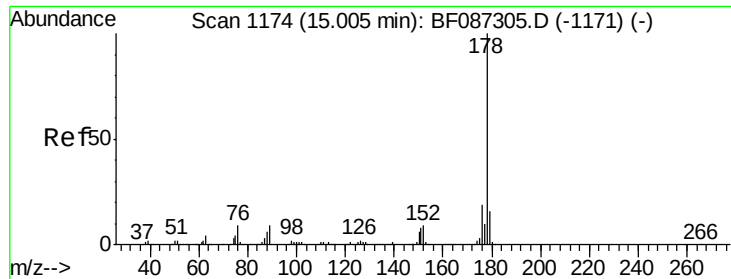
Abundance

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





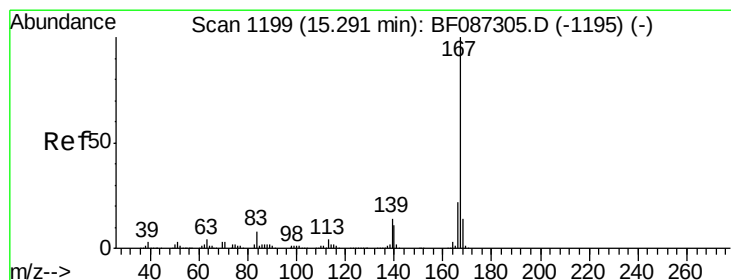
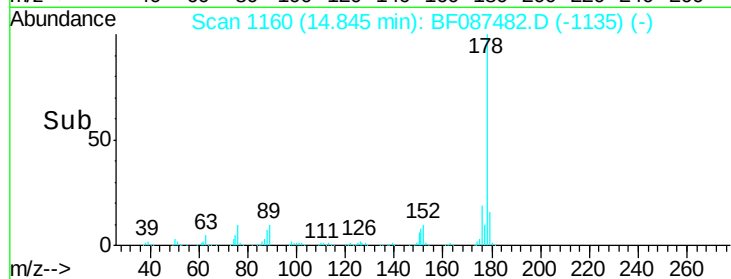
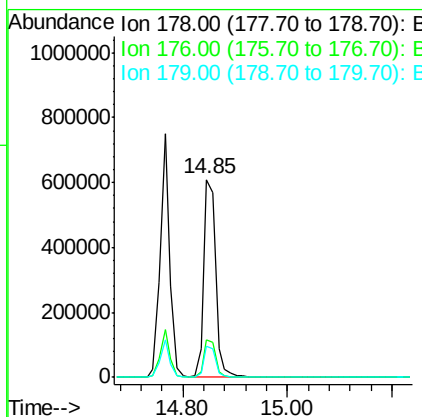
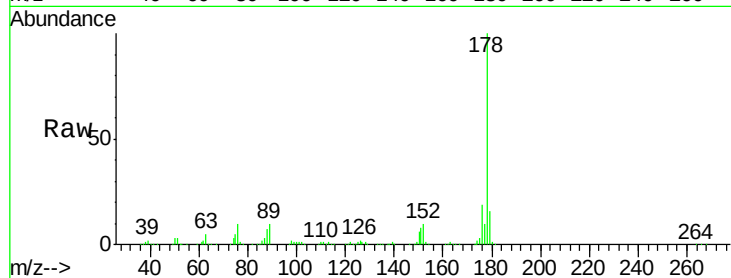
#71
 Anthracene
 Concen: 38.06 ng
 RT: 14.85 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	971984		
176	19.1	15.6	23.4	
179	16.0	12.7	19.1	

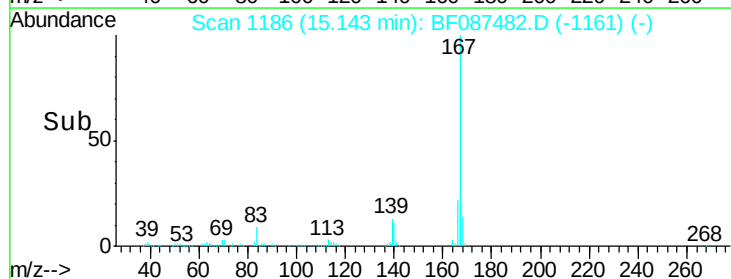
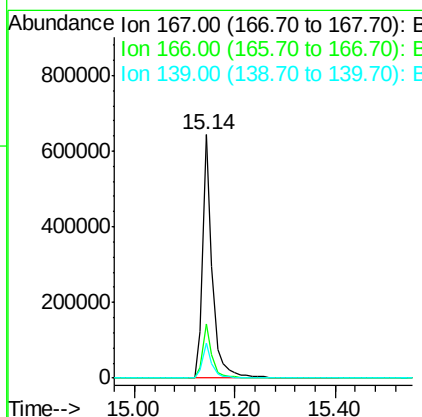
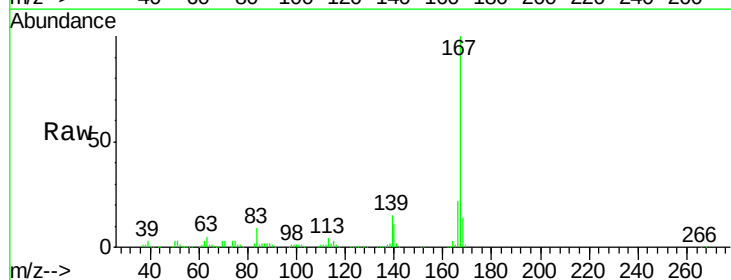
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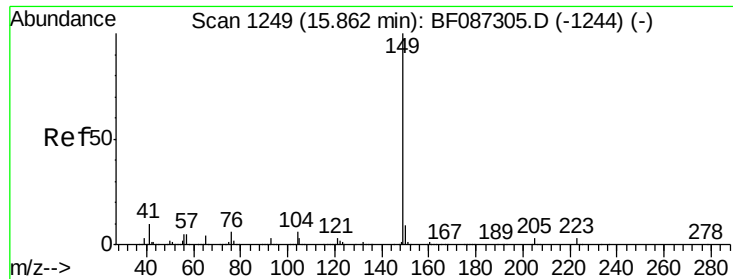
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#72
 Carbazole
 Concen: 39.47 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	859514		
166	22.1	17.7	26.5	
139	14.6	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 38.35 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

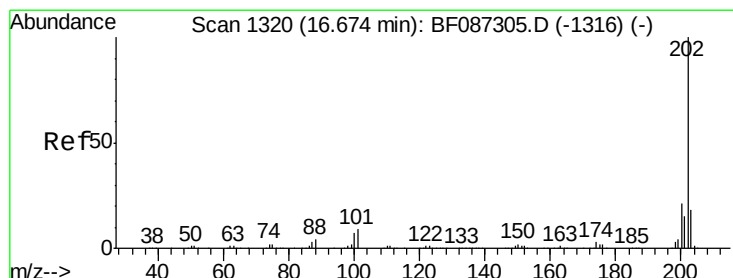
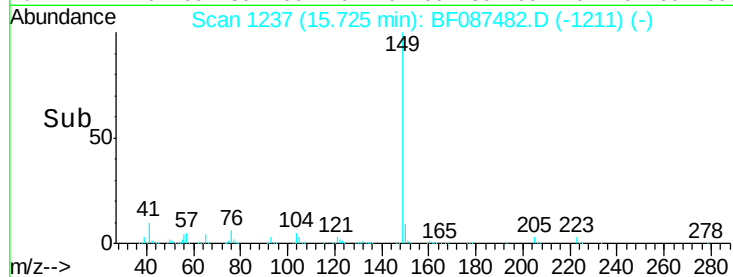
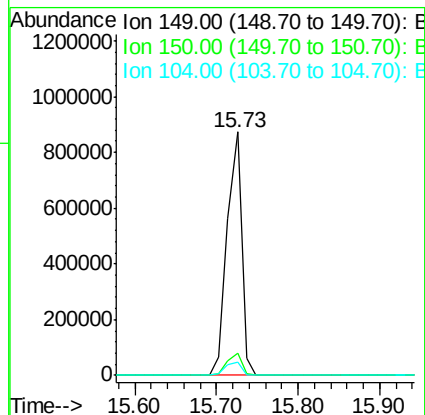
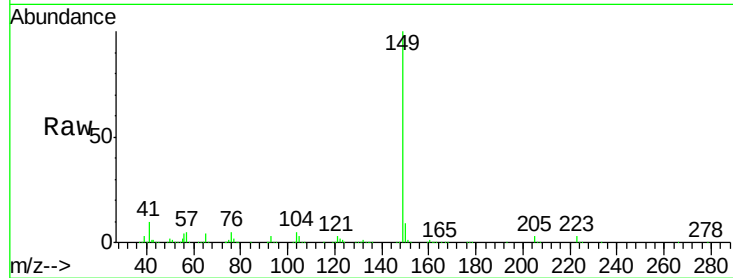
ClientSampleId :

PB90943BS

Tgt Ion:	149	Resp:	1080040
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	5.5	3.8	5.6

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#74

Fluoranthene

Concen: 39.18 ng

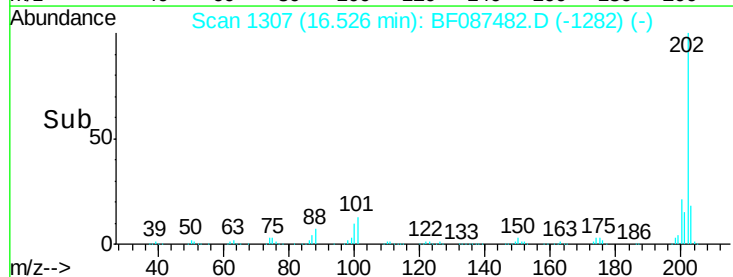
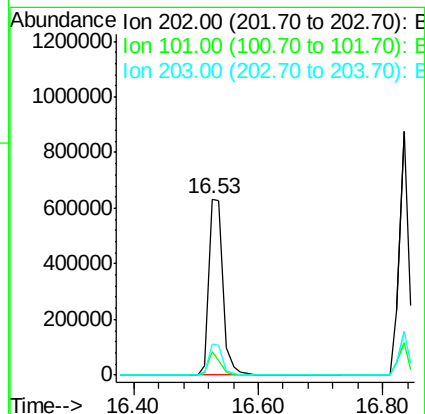
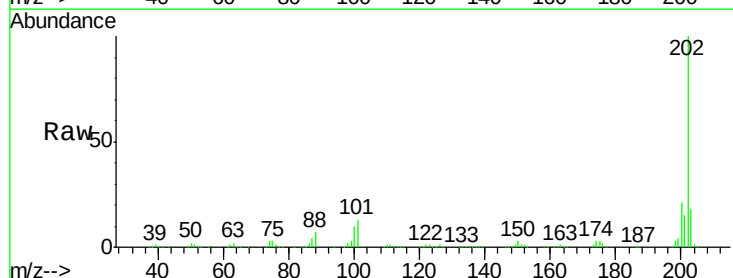
RT: 16.53 min Scan# 1307

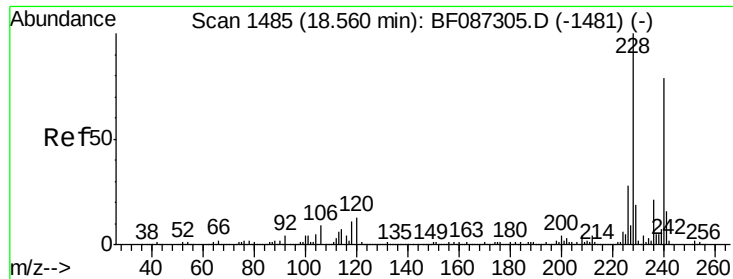
Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	202	Resp:	993098
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

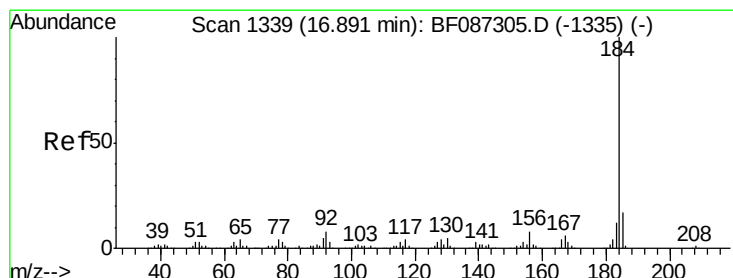
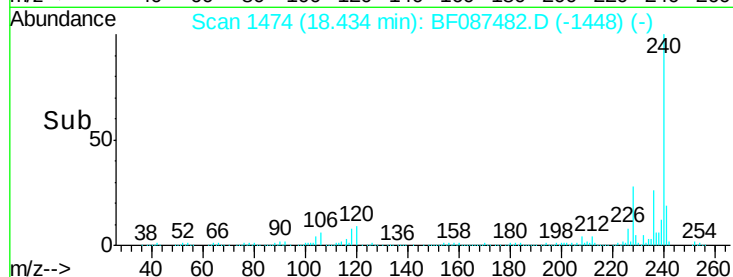
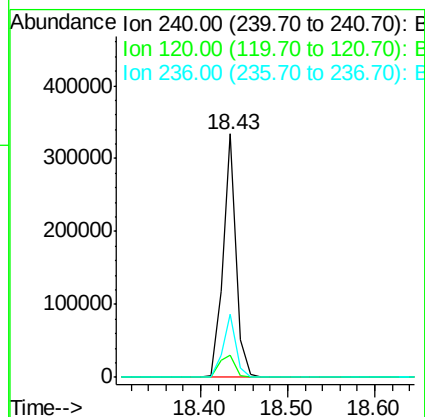
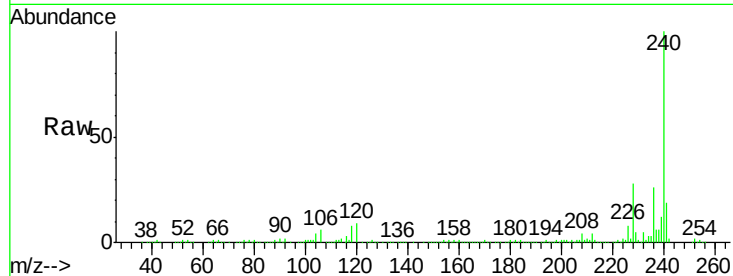
ClientSampleId :

PB90943BS

Tgt Ion:	240	Resp:	353819
Ion Ratio	Lower	Upper	
240	100		
120	9.2	11.2	16.8#
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 28.73 ng

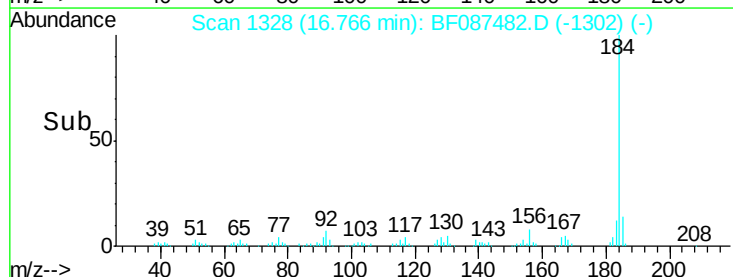
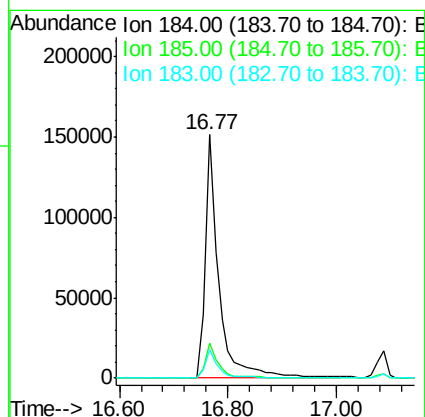
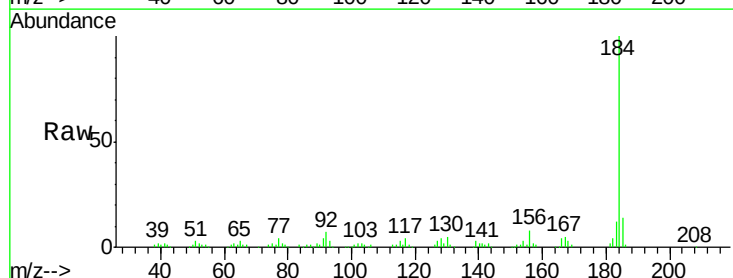
RT: 16.77 min Scan# 1328

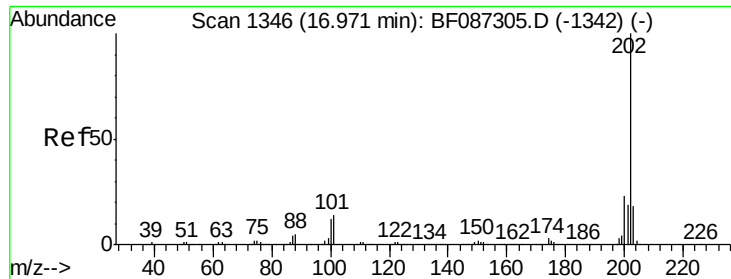
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	184	Resp:	261538
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.6	20.4
183	11.9	9.8	14.6





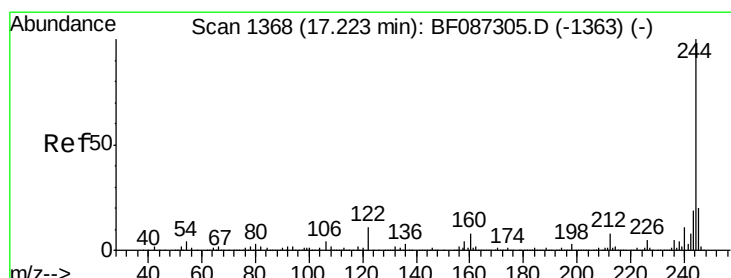
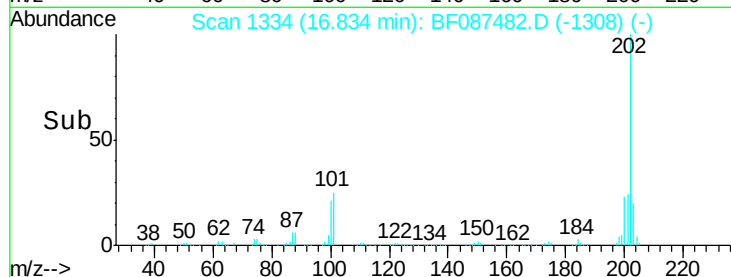
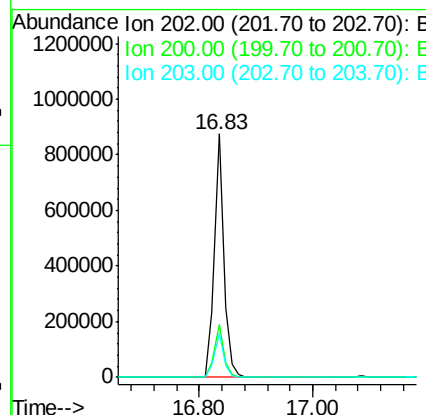
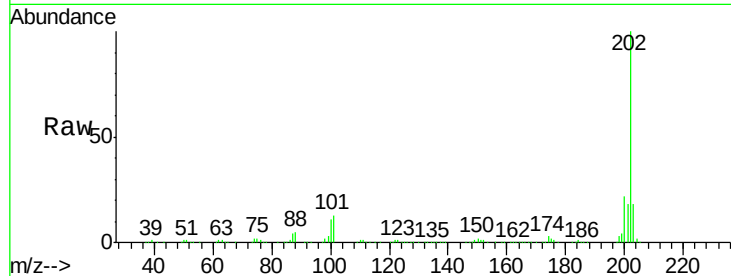
#77
 Pyrene
 Concen: 38.59 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	982888		
200	21.9	17.7	26.5	
203	17.9	14.2	21.4	

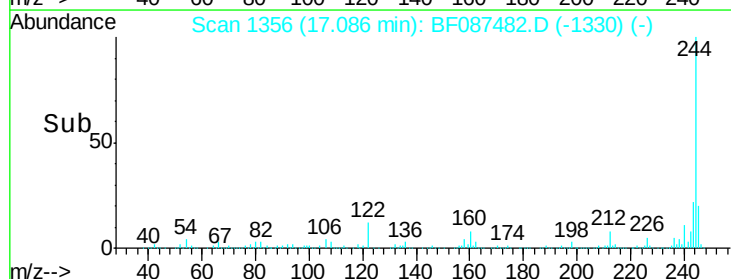
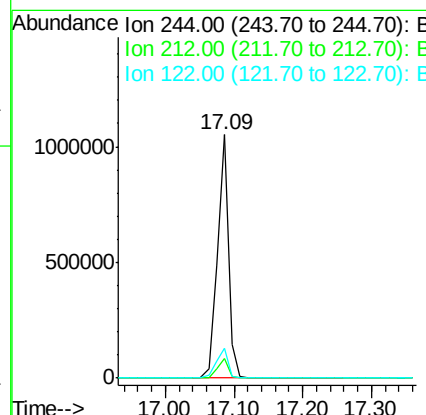
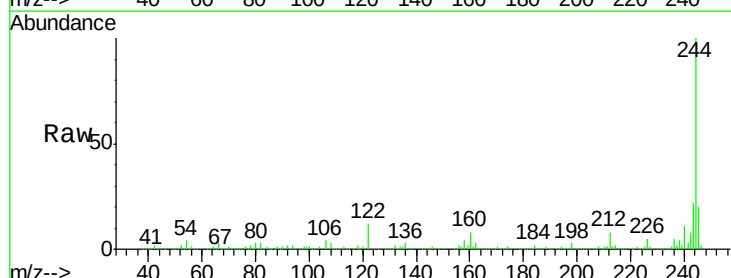
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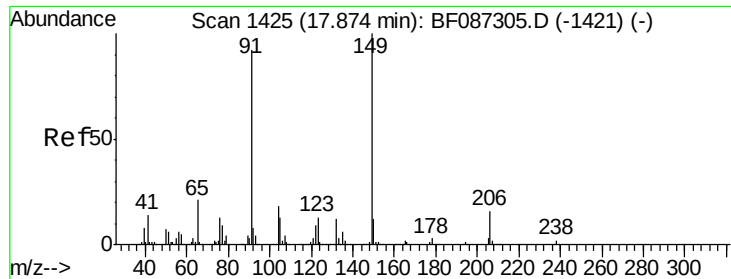
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#78
 Terphenyl-d14
 Concen: 72.07 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1199460		
212	7.9	6.2	9.2	
122	12.0	12.0	18.0	





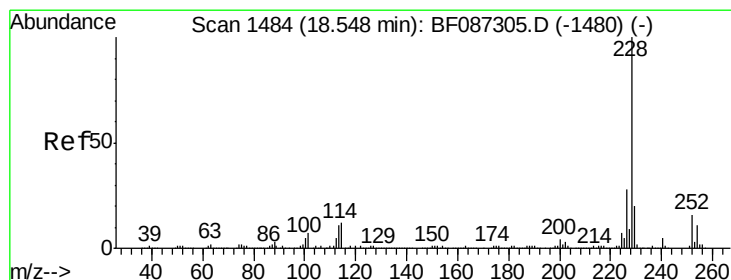
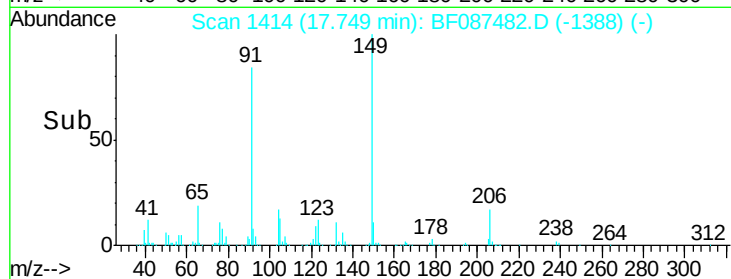
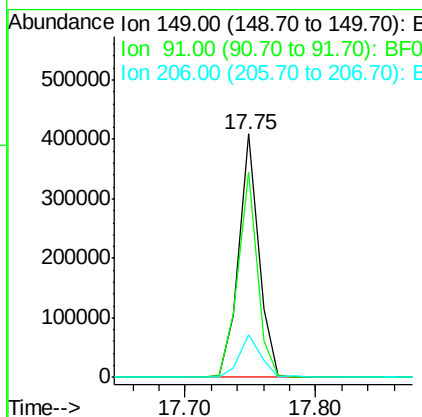
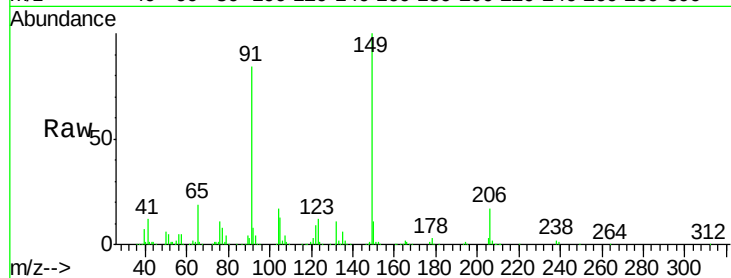
#79
 Butylbenzylphthalate
 Concen: 38.60 ng
 RT: 17.75 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	435980		
91	84.2	48.0	72.0#	
206	17.3	15.8	23.6	

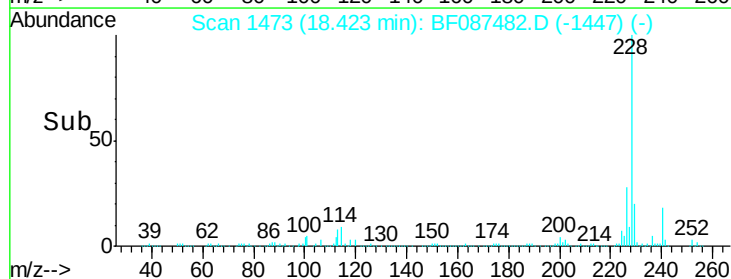
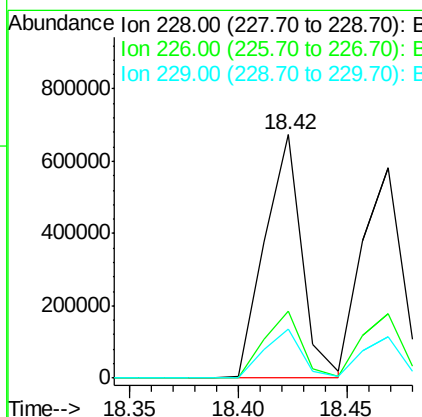
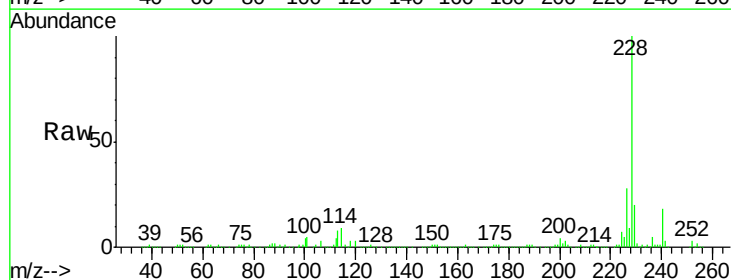
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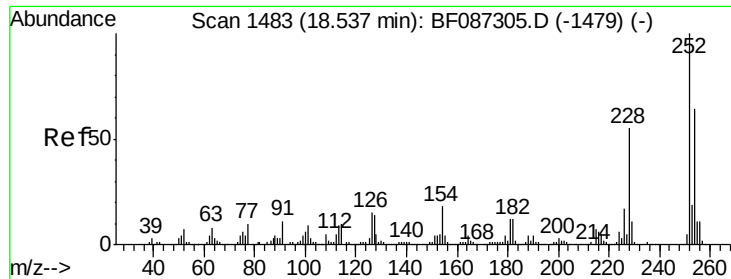
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#80
 Benzo(a)anthracene
 Concen: 39.81 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	801189		
226	27.6	22.5	33.7	
229	20.2	16.6	25.0	





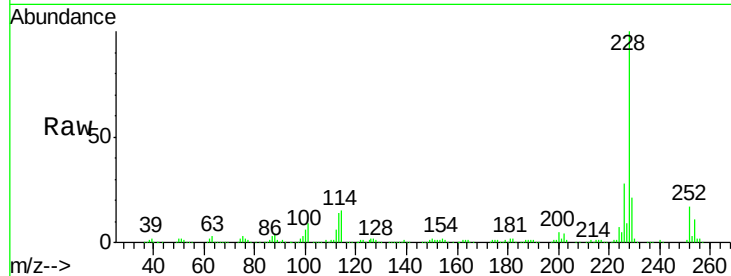
#81
 3,3'-Dichlorobenzidine
 Concen: 9.90 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

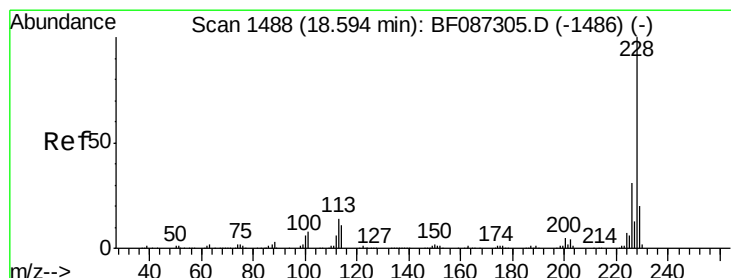
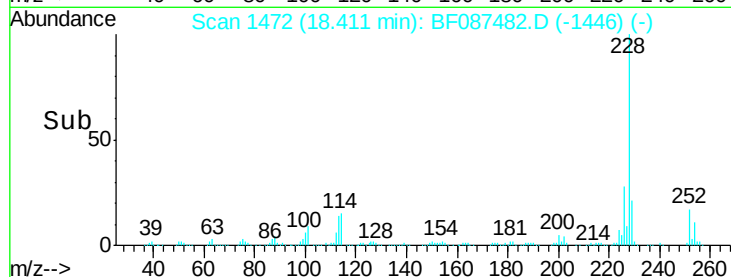
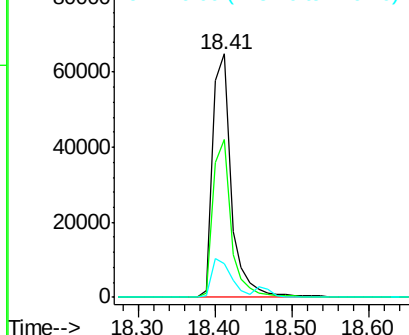
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	110038		
254	65.0	50.7	76.1	
126	13.7	12.7	19.1	

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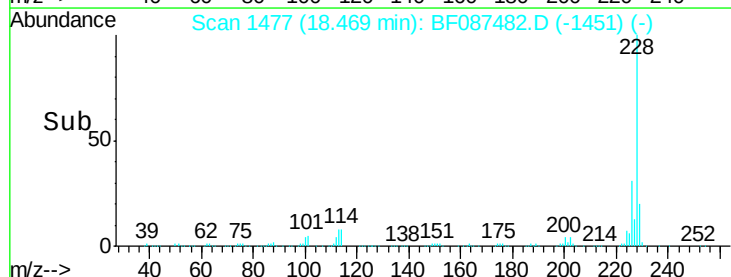
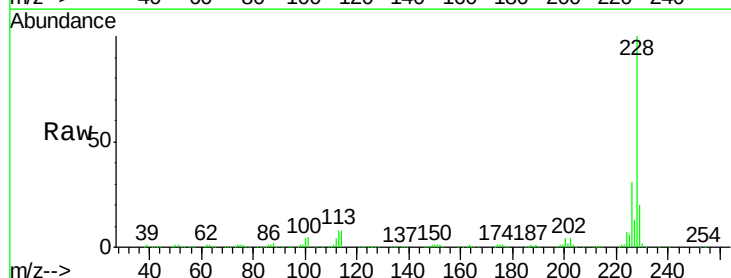
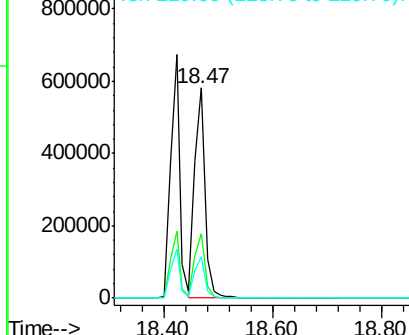
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

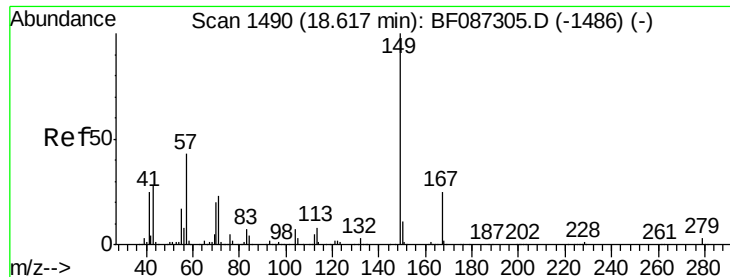


#82
 Chrysene
 Concen: 38.16 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	762192		
226	30.7	24.4	36.6	
229	19.7	15.8	23.8	

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.57 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF087482.D

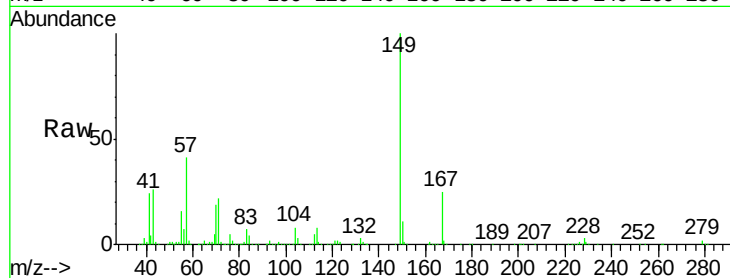
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB90943BS



Tgt Ion:149 Resp: 586236

Ion Ratio Lower Upper

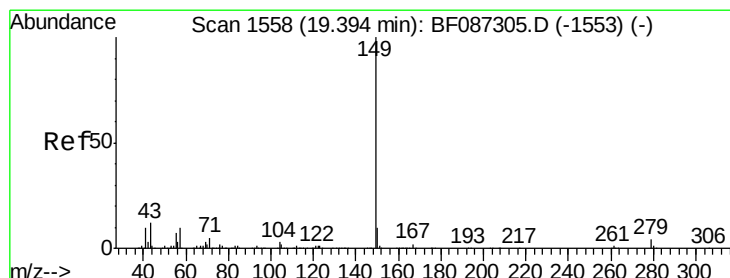
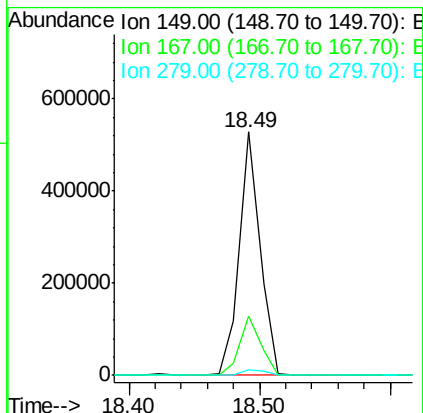
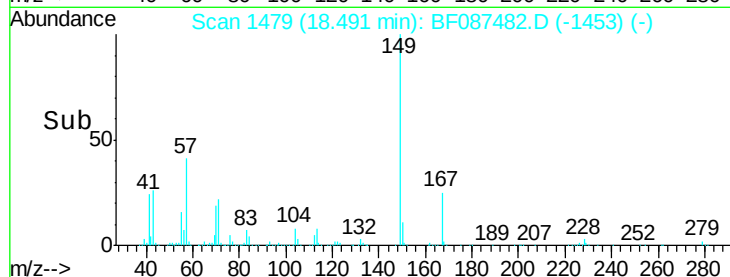
149 100

167 24.6 21.8 32.6

279 2.4 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 34.64 ng

RT: 19.26 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

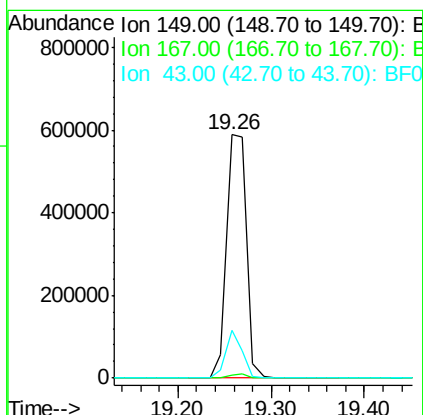
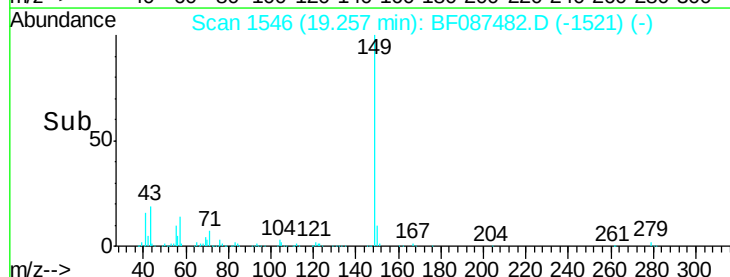
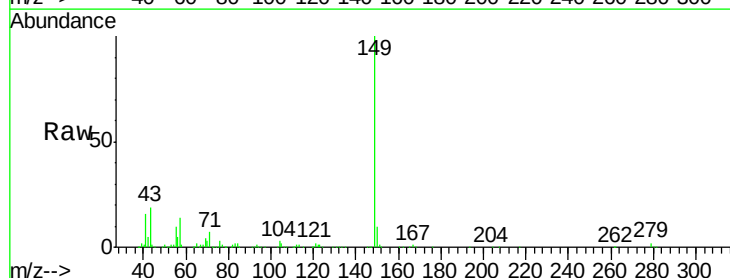
Tgt Ion:149 Resp: 870718

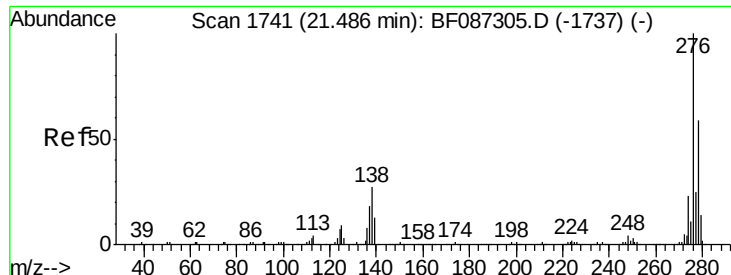
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.0 8.2 12.4#





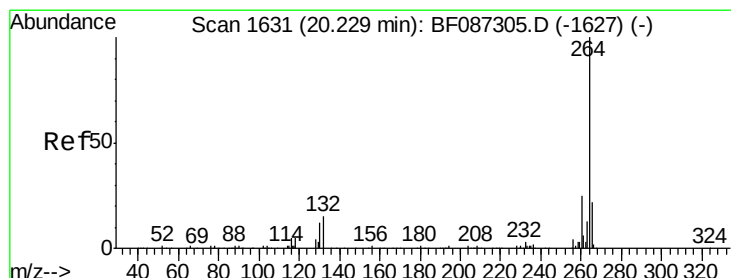
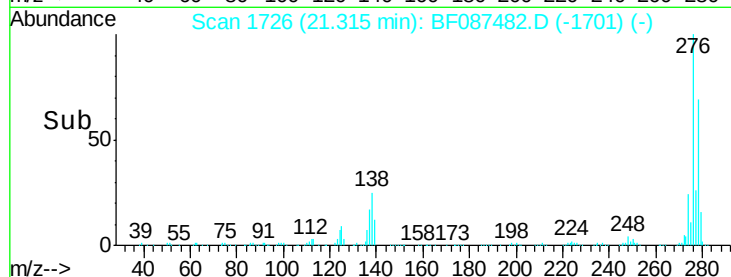
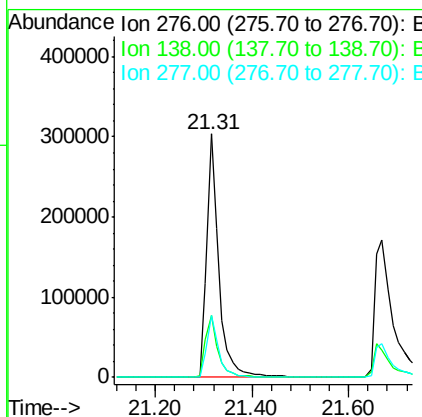
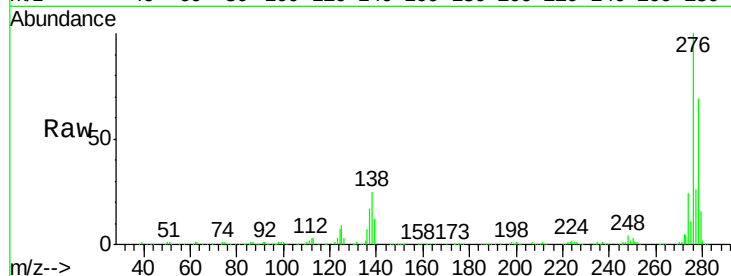
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.17 ng
 RT: 21.31 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BS

Tgt	Ion	276	Resp:	531122
	Ion	Ratio	Lower	Upper
	276	100		
	138	26.4	25.6	38.4
	277	25.3	20.5	30.7

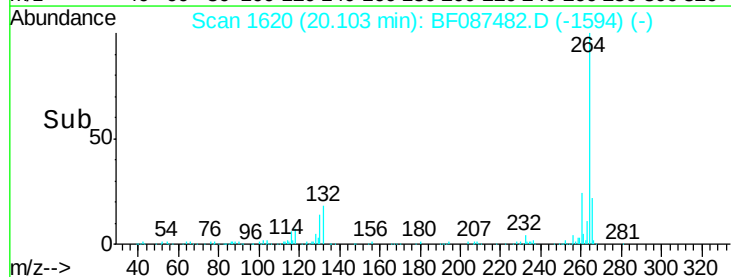
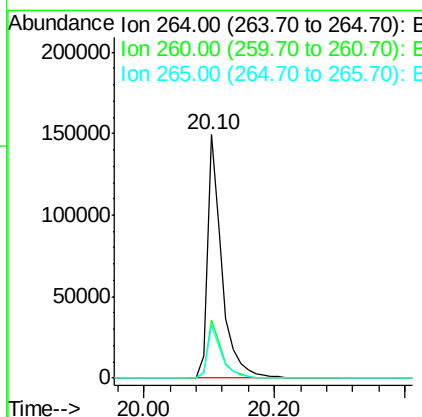
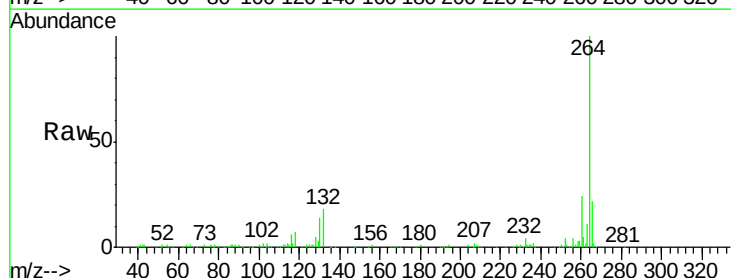
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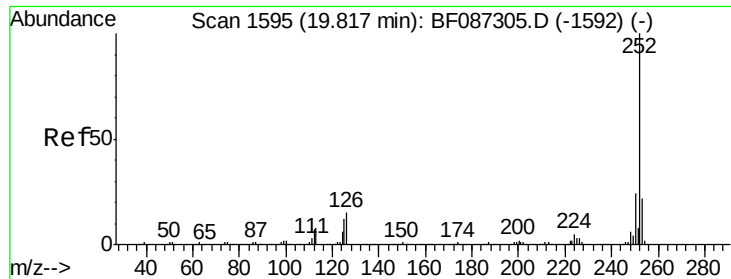
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.10 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF087482.D
 Acq: 28 May 2016 16:31

Tgt	Ion	264	Resp:	226651
	Ion	Ratio	Lower	Upper
	264	100		
	260	24.0	19.5	29.3
	265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.01 ng

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Instrument :

BNA_F

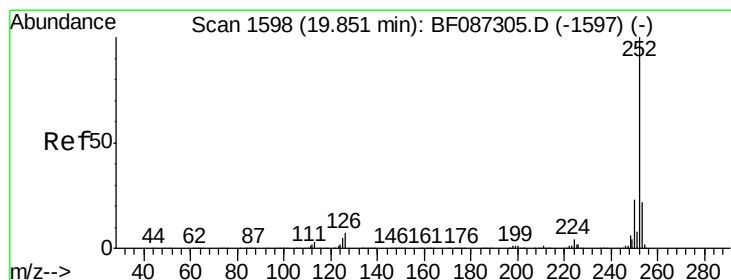
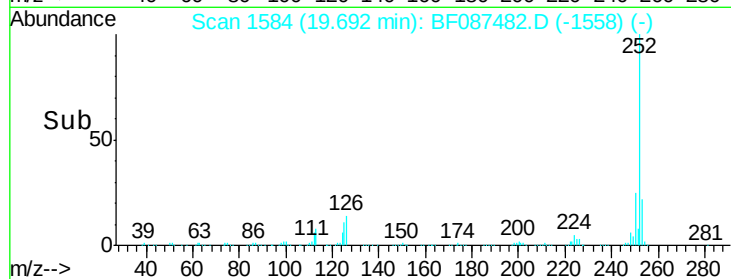
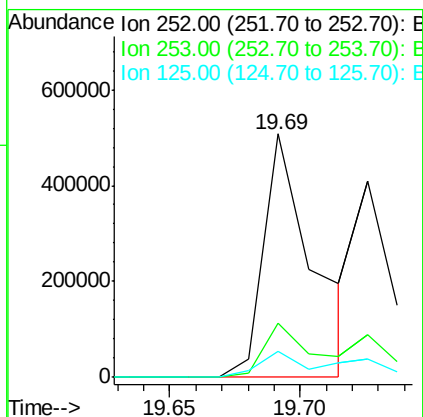
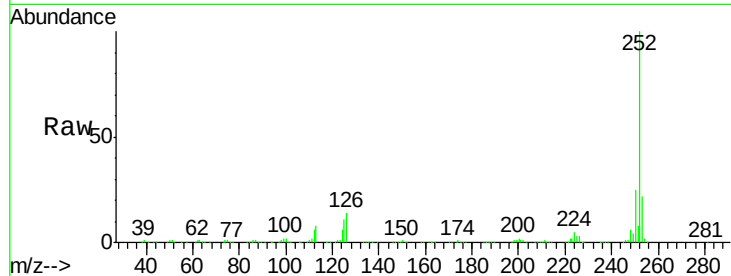
ClientSampleId :

PB90943BS

Tgt Ion:	252	Resp:	664293
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.7	11.4	17.0#

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#88

Benzo(k)fluoranthene

Concen: 36.26 ng m

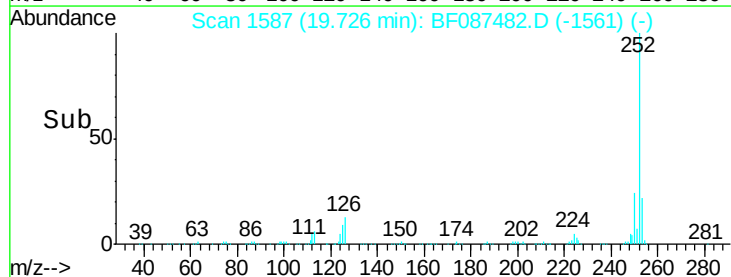
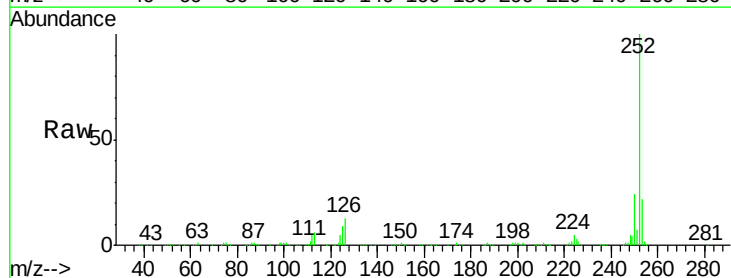
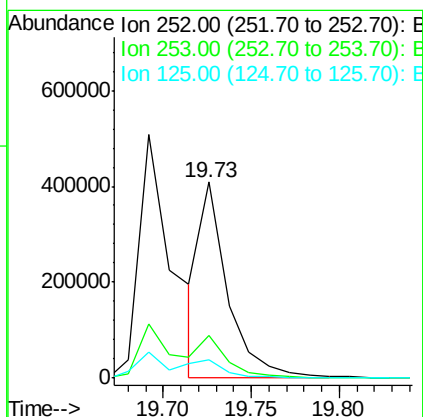
RT: 19.73 min Scan# 1587

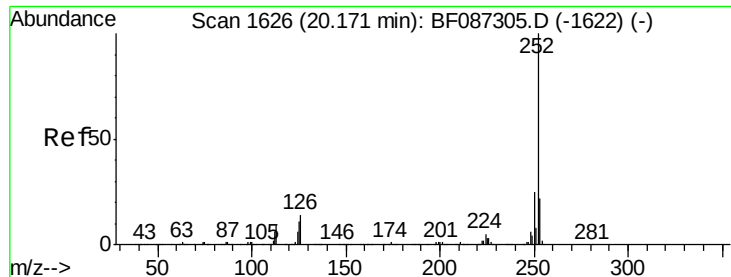
Delta R.T. 0.00 min

Lab File: BF087482.D

Acq: 28 May 2016 16:31

Tgt Ion:	252	Resp:	450555
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	9.1	9.1	13.7#





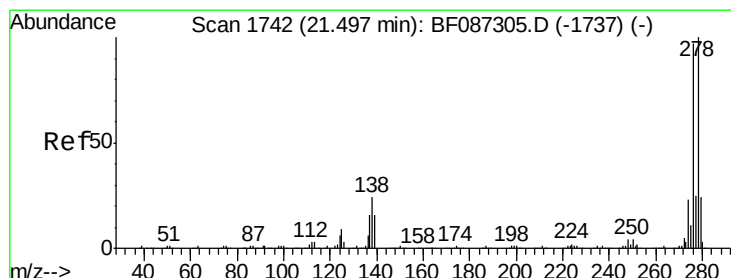
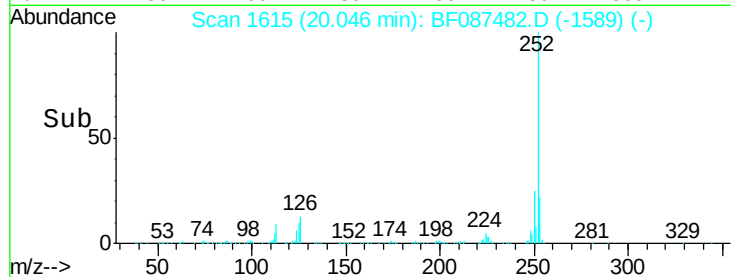
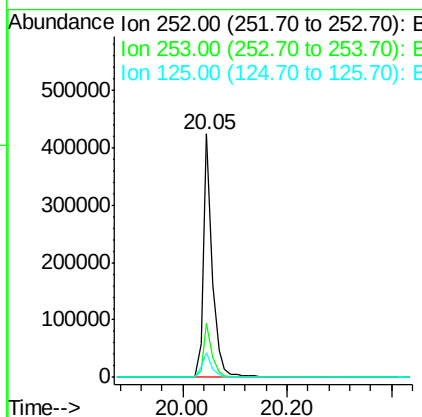
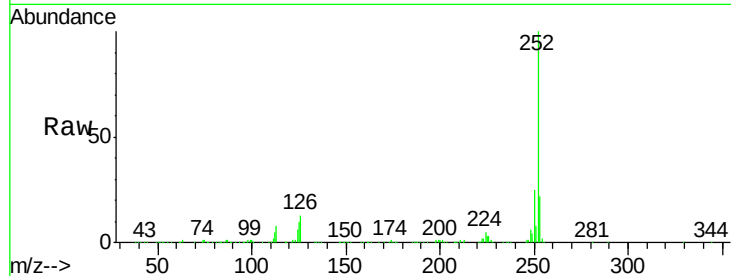
#89
Benzo(a)pyrene
Concen: 39.91 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Instrument :
BNA_F
ClientSampleId :
PB90943BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.1	9.0	13.6

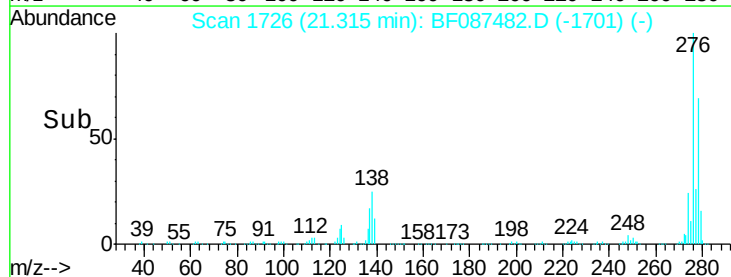
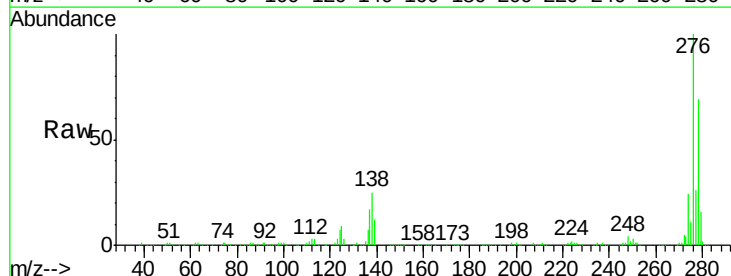
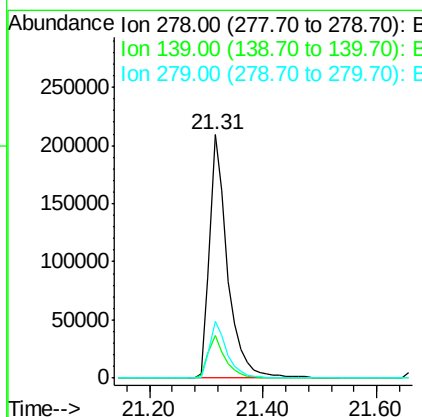
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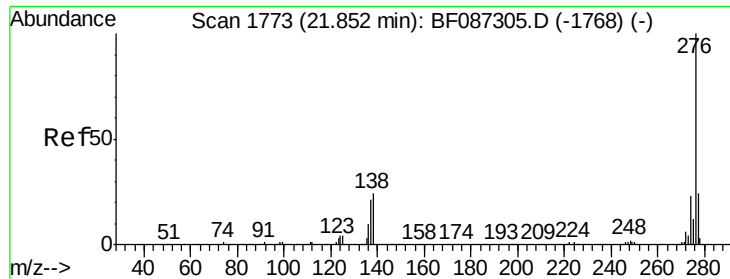
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#90
Dibenzo(a,h)anthracene
Concen: 42.32 ng
RT: 21.31 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BF087482.D
Acq: 28 May 2016 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.6	24.8
279	23.4	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 43.07 ng

RT: 21.67 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF087482.D

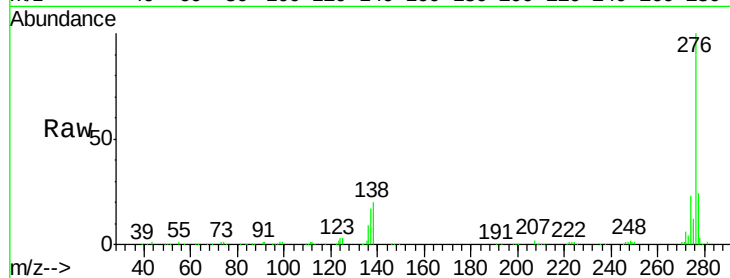
Acq: 28 May 2016 16:31

Instrument :

BNA_F

ClientSampleId :

PB90943BS



Tgt Ion: 276 Resp: 452600

Ion Ratio Lower Upper

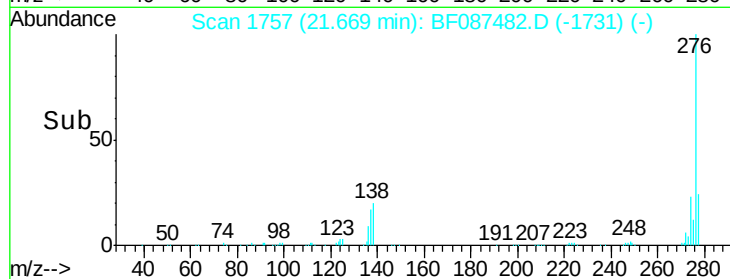
276 100

277 24.1 19.6 29.4

138 20.2 23.6 35.4

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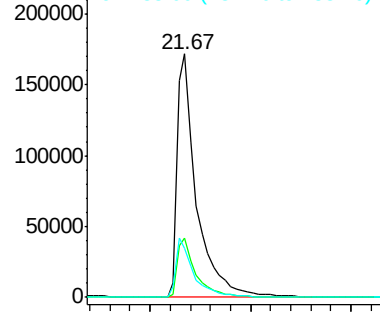
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->