

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087332.D
 Acq On : 24 May 2016 9:33
 Operator : UM/SJ
 Sample : H3168-08MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Manual Integrations
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 5/24/2016 7:39:41 PM

Quant Time: May 24 18:58:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	136458	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	587906	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	272110	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	492905	20.00	ng	0.00
75) Chrysene-d12	18.56	240	336672	20.00	ng	0.00
86) Perylene-d12	20.23	264	263289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1053411	135.65	ng	0.02
7) Phenol-d6	7.16	99	1410287	134.40	ng	0.00
23) Nitrobenzene-d5	8.54	82	971337	83.27	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	318046	121.63	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1509990	78.23	ng	0.00
78) Terphenyl-d14	17.21	244	1251919	79.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	120914	29.51	ng	# 63
3) Pyridine	2.63	79	309072	34.50	ng	# 62
4) n-Nitrosodimethylamine	2.59	42	263532	38.18	ng	# 46
6) Aniline	7.13	93	195775	14.42	ng	91
8) 2-Chlorophenol	7.30	128	388255	40.09	ng	96
9) Benzaldehyde	6.94	77	93315	16.11	ng	97
10) Phenol	7.19	94	502735	43.87	ng	86
11) bis(2-Chloroethyl)ether	7.26	93	359378	38.75	ng	88
12) 1,3-Dichlorobenzene	7.51	146	384553m	36.40	ng	
13) 1,4-Dichlorobenzene	7.64	146	402788	37.14	ng	97
14) 1,2-Dichlorobenzene	7.87	146	378646	37.75	ng	100
15) Benzyl Alcohol	7.91	79	345174	45.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.11	45	781678	37.46	ng	97
17) 2-Methylphenol	8.12	107	316742	40.81	ng	# 88
18) Hexachloroethane	8.39	117	150426	37.18	ng	96
19) n-Nitroso-di-n-propylamine	8.33	70	319338	40.81	ng	# 70
20) 3+4-Methylphenols	8.39	107	409559	43.65	ng	# 60
22) Acetophenone	8.30	105	562798	40.07	ng	# 98
24) Nitrobenzene	8.56	77	456189	37.05	ng	99
25) Isophorone	8.95	82	794404	37.97	ng	97
26) 2-Nitrophenol	9.06	139	197894	39.32	ng	# 75
27) 2,4-Dimethylphenol	9.20	122	325614	37.27	ng	# 86
28) bis(2-Chloroethoxy)methane	9.32	93	483446	41.03	ng	98
29) 2,4-Dichlorophenol	9.48	162	316363	40.18	ng	97
30) 1,2,4-Trichlorobenzene	9.56	180	337743	37.47	ng	96
31) Naphthalene	9.68	128	1109351	37.66	ng	99
32) Benzoic acid	9.47	122	39940	13.62	ng	# 72
33) 4-Chloroaniline	9.86	127	83984	7.74	ng	# 92
34) Hexachlorobutadiene	9.88	225	195056	35.60	ng	96
35) Caprolactam	10.44	113	90937m	39.57	ng	
36) 4-Chloro-3-methylphenol	10.68	107	351631	39.50	ng	87
37) 2-Methylnaphthalene	10.80	142	711554m	38.66	ng	
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	315637	36.24	ng	99
40) Hexachlorocyclopentadiene	11.05	237	228276	65.61	ng	97

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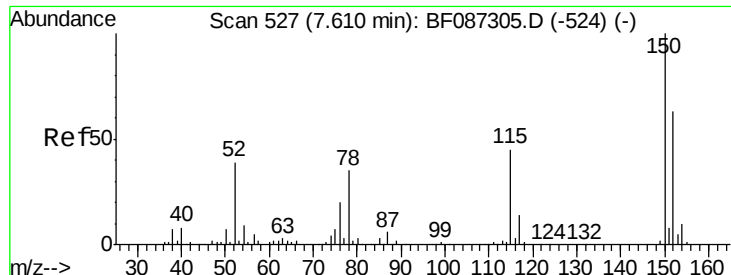
Manual Integrations
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Quant Time: May 24 18:58:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	193824	38.55	ng	95
43) 2,4,5-Trichlorophenol	11.39	196	197299	38.53	ng #	92
45) 1,1'-Biphenyl	11.58	154	872124	38.07	ng	98
46) 2-Chloronaphthalene	11.59	162	634724	36.21	ng	92
47) 2-Nitroaniline	11.80	65	246960	39.11	ng #	77
48) Acenaphthylene	12.25	152	1033156	37.23	ng	99
49) Dimethylphthalate	12.12	163	951211	43.64	ng	100
50) 2,6-Dinitrotoluene	12.22	165	171750	39.10	ng #	76
51) Acenaphthene	12.54	154	633251	37.13	ng	98
52) 3-Nitroaniline	12.49	138	88754	19.69	ng #	89
53) 2,4-Dinitrophenol	12.68	184	104540	49.25	ng #	81
54) Dibenzofuran	12.82	168	928598	40.21	ng	98
55) 4-Nitrophenol	12.87	139	163901	76.22	ng #	65
56) 2,4-Dinitrotoluene	12.88	165	222536	37.91	ng #	91
57) Fluorene	13.37	166	725241	36.22	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	167186	42.45	ng	98
59) Diethylphthalate	13.28	149	781843	36.89	ng	98
60) 4-Chlorophenyl-phenylether	13.39	204	347327	35.57	ng	97
61) 4-Nitroaniline	13.50	138	137463	32.67	ng #	72
62) Azobenzene	13.66	77	908697	41.33	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	111300	35.51	ng #	45
65) n-Nitrosodiphenylamine	13.61	169	606872	38.07	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	197352	36.60	ng	99
67) Hexachlorobenzene	14.25	284	202105	35.84	ng #	63
68) Atrazine	14.53	200	201618	39.68	ng	94
69) Pentachlorophenol	14.62	266	128149	73.64	ng	95
70) Phenanthrene	14.91	178	1026450	37.60	ng	100
71) Anthracene	15.01	178	1047710	37.99	ng	99
72) Carbazole	15.29	167	924401	39.30	ng	100
73) Di-n-butylphthalate	15.85	149	1151571	37.85	ng #	98
74) Fluoranthene	16.66	202	978978	35.76	ng	97
76) Benzidine	16.90	184	256268	29.58	ng	95
77) Pyrene	16.97	202	1001194	41.31	ng	99
79) Butylbenzylphthalate	17.87	149	440966	41.03	ng #	74
80) Benzo(a)anthracene	18.55	228	734988	38.38	ng	99
81) 3,3'-Dichlorobenzidine	18.53	252	155516	14.70	ng	99
82) Chrysene	18.59	228	717132	37.73	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	747140	47.64	ng	96
84) Di-n-octyl phthalate	19.38	149	964247	40.32	ng #	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	603730	39.63	ng	95
87) Benzo(b)fluoranthene	19.82	252	571228m	34.06	ng	
88) Benzo(k)fluoranthene	19.85	252	615222m	42.62	ng	
89) Benzo(a)pyrene	20.17	252	571125	39.37	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	511225	41.32	ng #	94
91) Benzo(g,h,i)perylene	21.85	276	509161	41.71	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087332.D

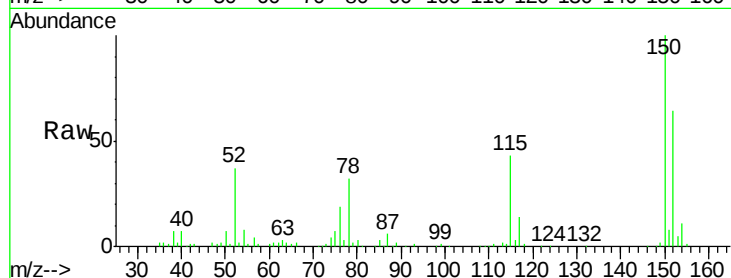
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD



Tgt Ion: 152 Resp: 136458

Ion Ratio Lower Upper

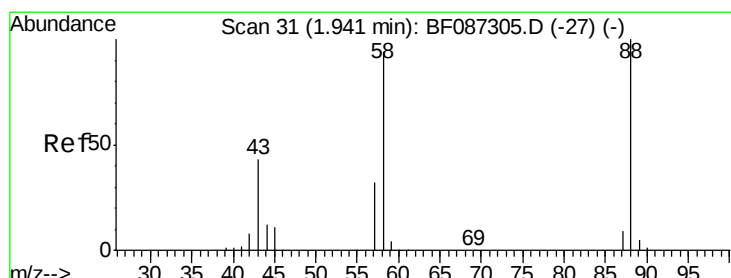
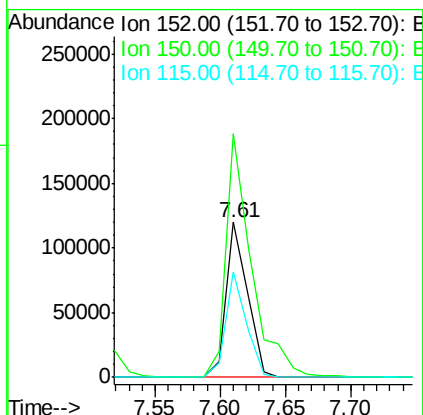
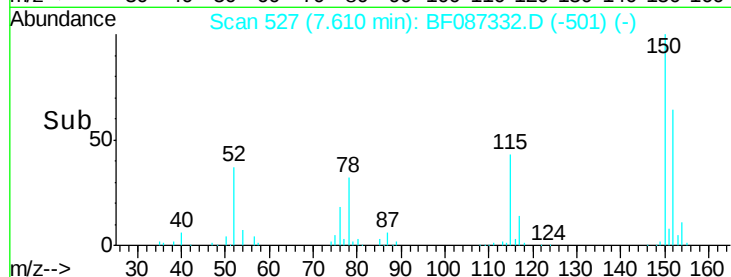
152 100

150 157.4 125.8 188.6

115 68.2 51.5 77.3

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#2

1,4-Dioxane

Concen: 29.51 ng

RT: 2.02 min Scan# 38

Delta R.T. 0.08 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

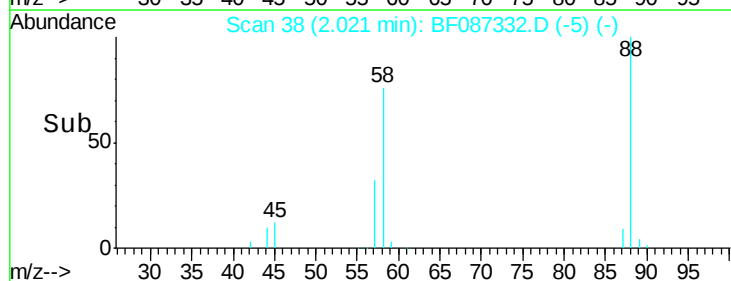
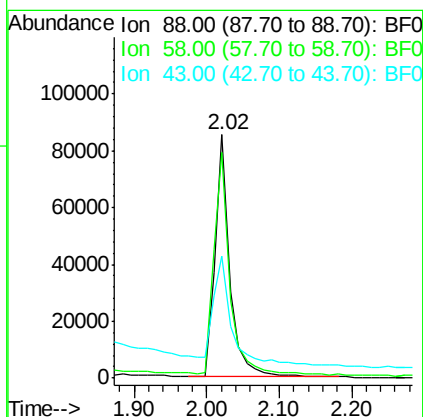
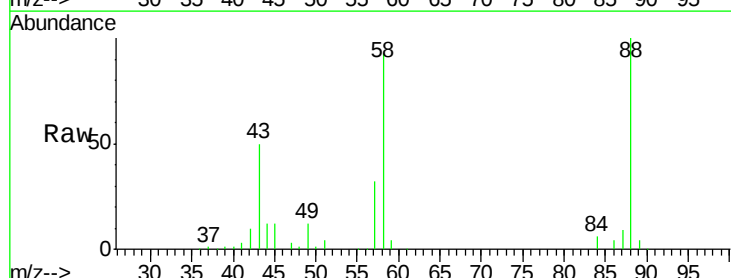
Tgt Ion: 88 Resp: 120914

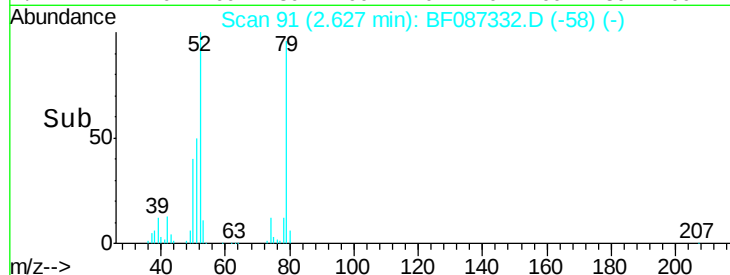
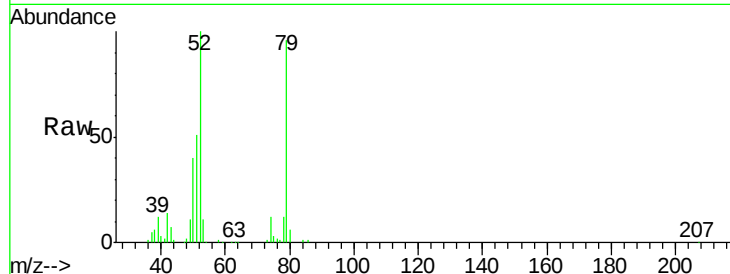
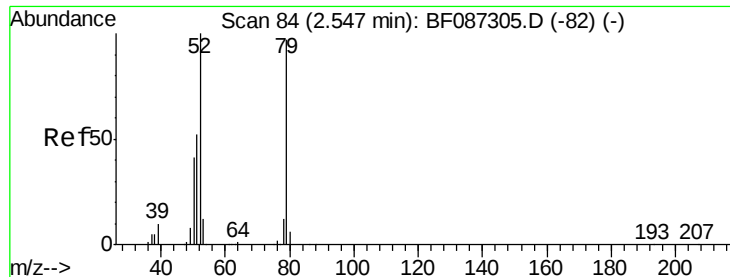
Ion Ratio Lower Upper

88 100

58 98.5 59.6 89.4#

43 59.2 21.8 32.6#





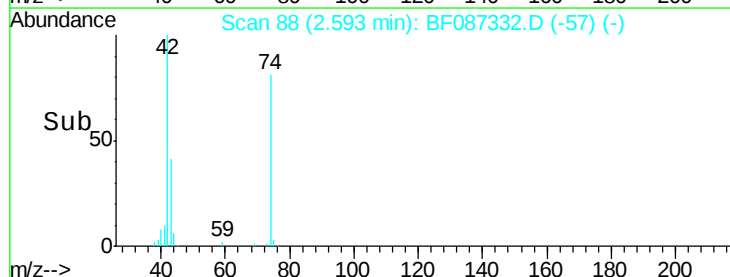
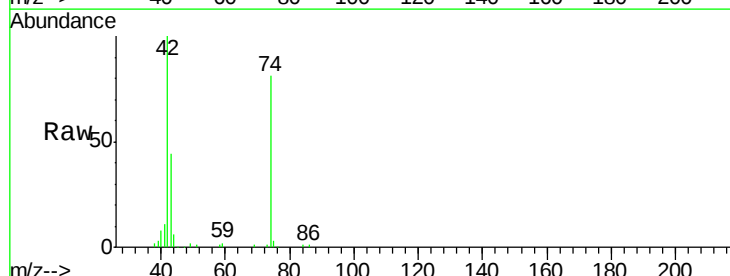
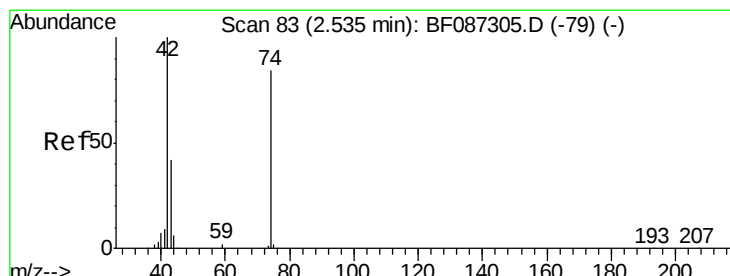
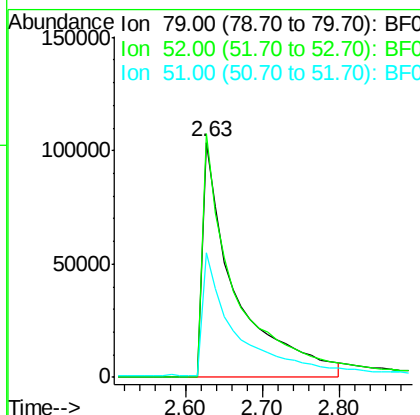
#3
 Pyridine
 Concen: 34.50 ng
 RT: 2.63 min Scan# 91
 Delta R.T. 0.08 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	309072		
52	103.7	55.9	83.9#	
51	53.3	28.1	42.1#	

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

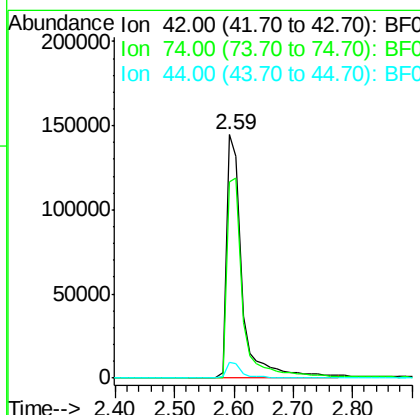
Manual Integrations
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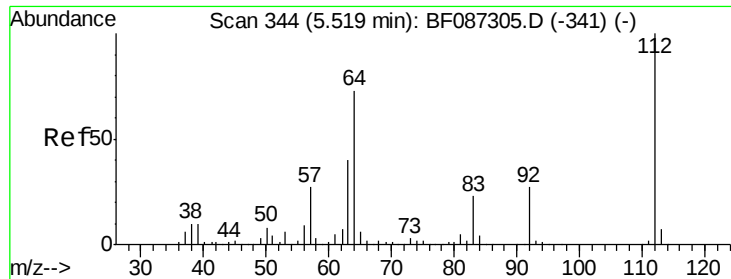
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#4
 n-Nitrosodimethylamine
 Concen: 38.18 ng
 RT: 2.59 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	263532		
74	80.8	123.4	185.0#	
44	6.3	5.8	8.6	





#5

2-Fluorophenol

Concen: 135.65 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087332.D

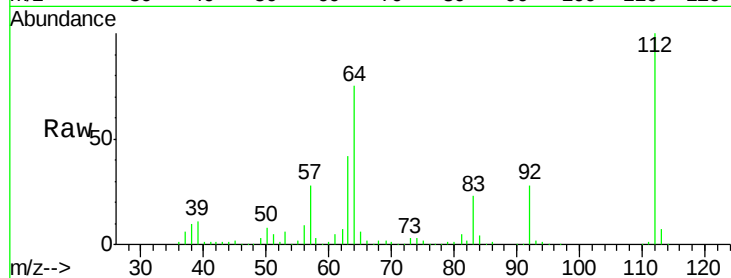
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

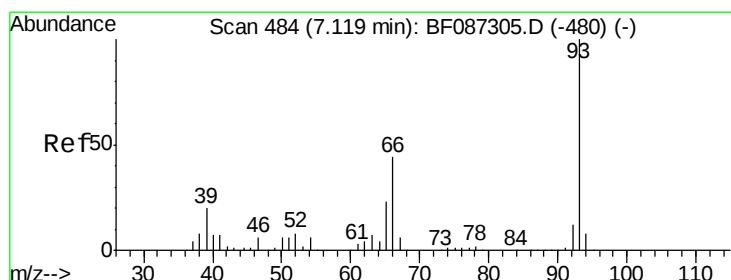
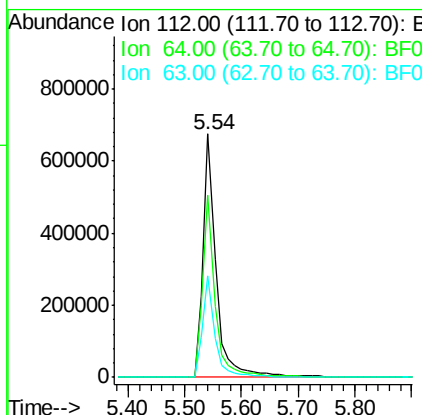
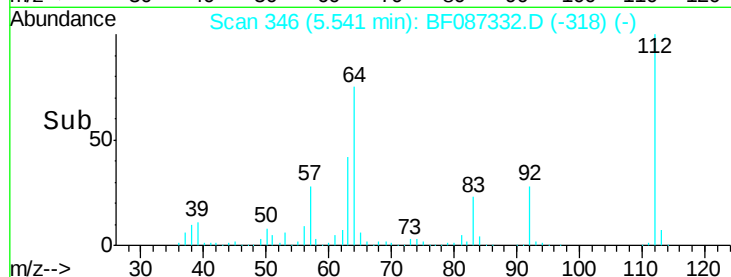
SB-22-COMPMSD



Tgt Ion:	112	Resp:	1053411
Ion	Ratio	Lower	Upper
112	100		
64	74.9	52.1	78.1
63	41.6	25.7	38.5#

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#6

Aniline

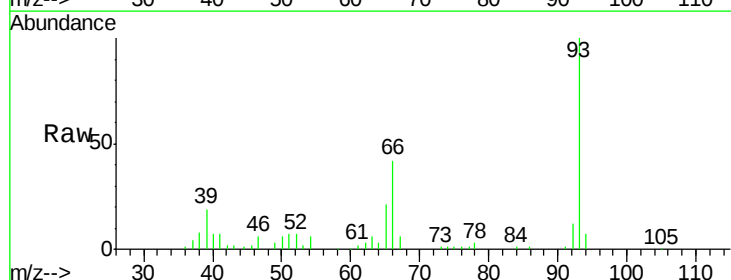
Concen: 14.42 ng

RT: 7.13 min Scan# 485

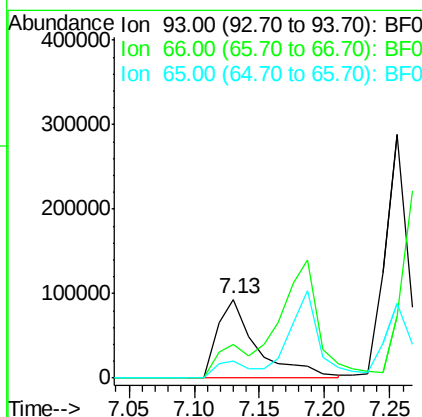
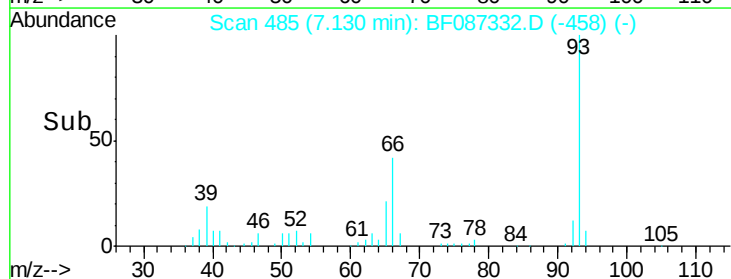
Delta R.T. 0.01 min

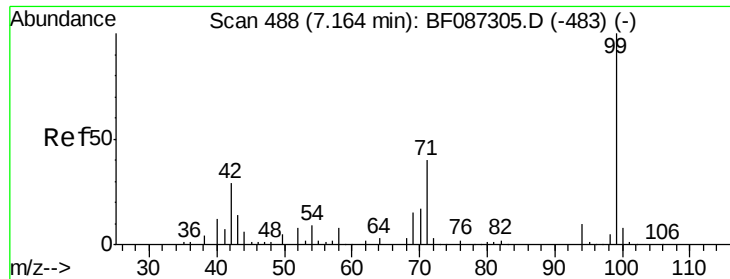
Lab File: BF087332.D

Acq: 24 May 2016 9:33



Tgt Ion:	93	Resp:	195775
Ion	Ratio	Lower	Upper
93	100		
66	42.3	39.0	58.6
65	21.4	20.6	31.0





#7

Phenol-d6

Concen: 134.40 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

Tgt Ion: 99 Resp: 1410287

Ion Ratio Lower Upper

99 100

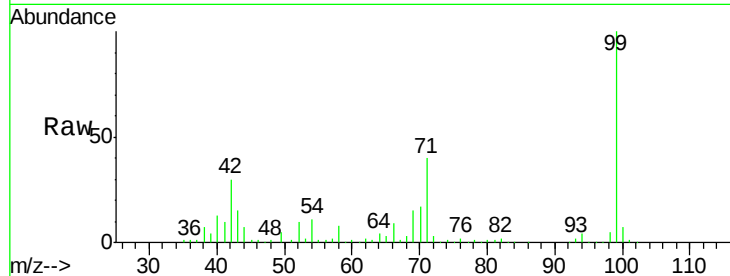
42 30.2 13.6 20.4#

71 40.4 24.6 36.8#

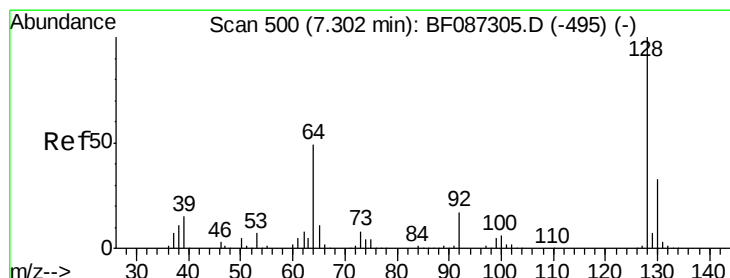
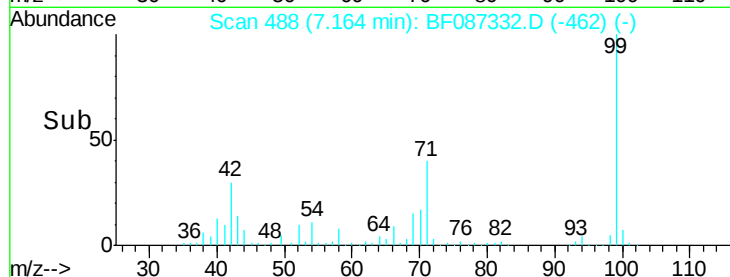
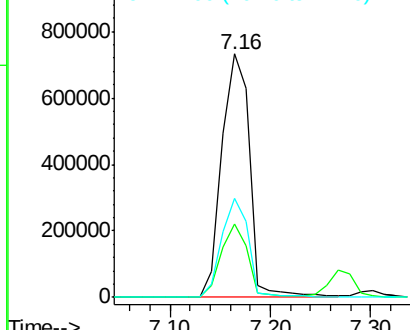
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.09 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

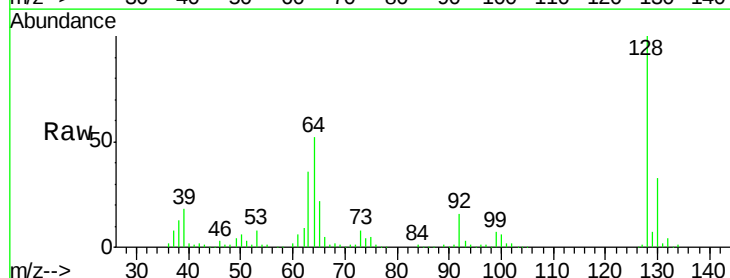
Tgt Ion: 128 Resp: 388255

Ion Ratio Lower Upper

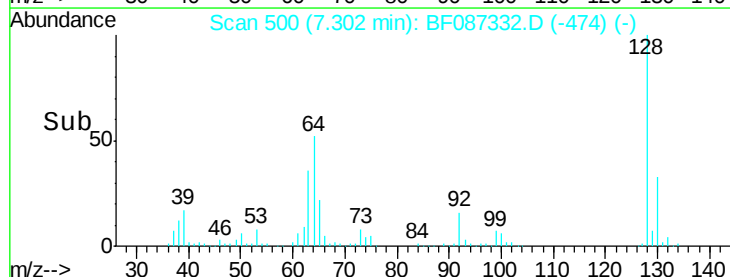
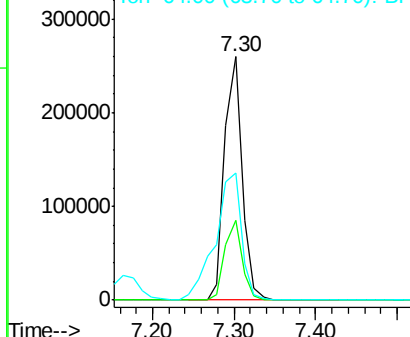
128 100

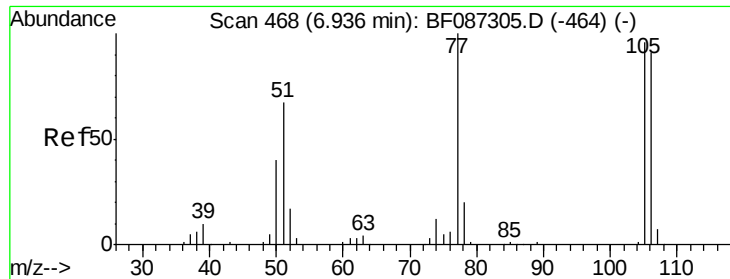
130 32.6 12.5 52.5

64 52.2 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.11 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087332.D

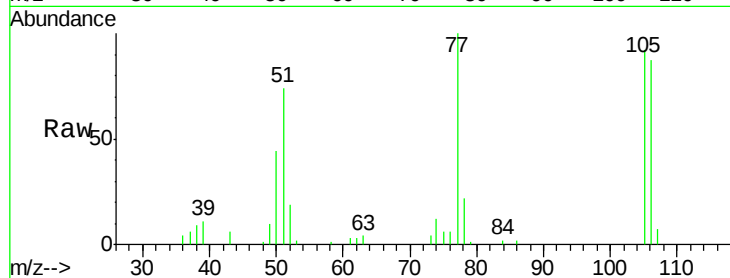
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD



Tgt Ion: 77 Resp: 93315

Ion Ratio Lower Upper

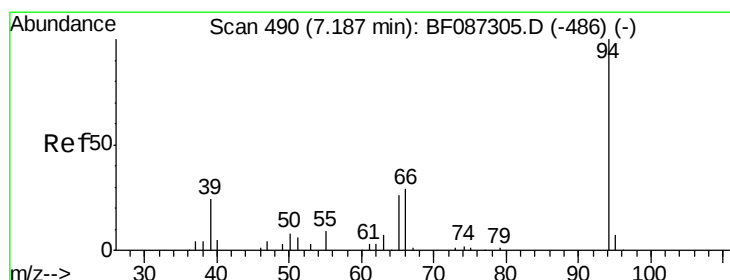
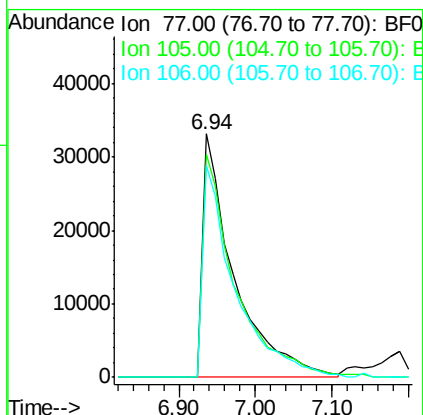
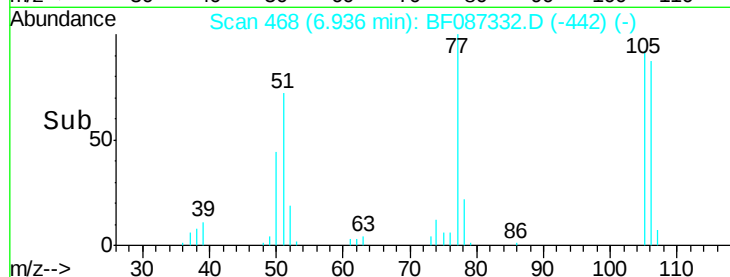
77 100

105 91.7 72.7 112.7

106 86.7 70.8 110.8

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#10

Phenol

Concen: 43.87 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

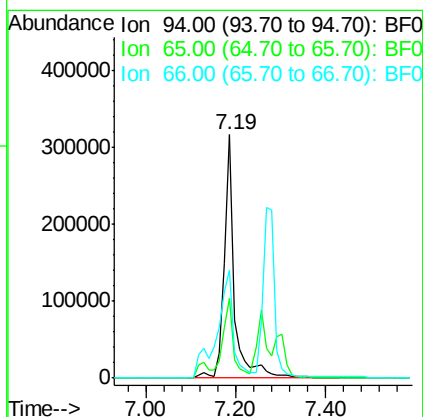
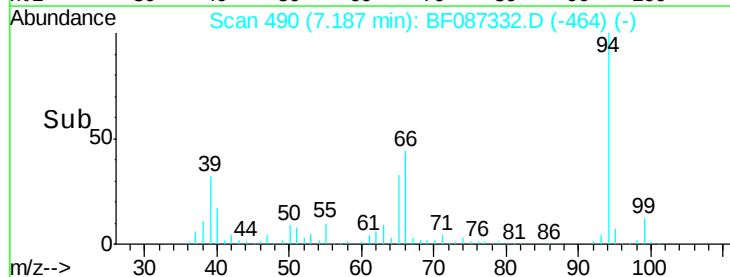
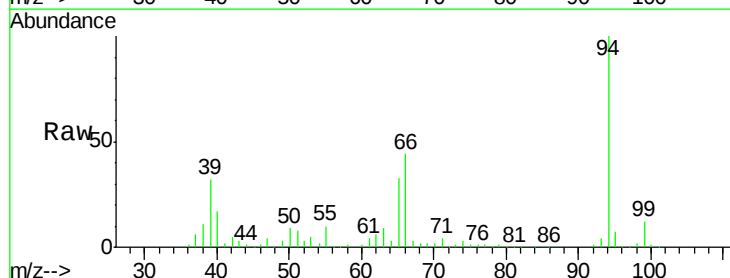
Tgt Ion: 94 Resp: 502735

Ion Ratio Lower Upper

94 100

65 32.5 7.2 47.2

66 44.3 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.75 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

Tgt Ion: 93 Resp: 359378

Ion Ratio Lower Upper

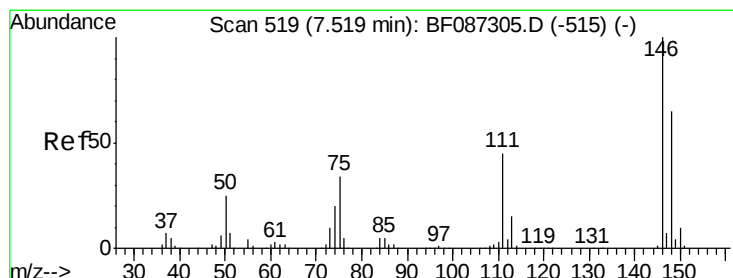
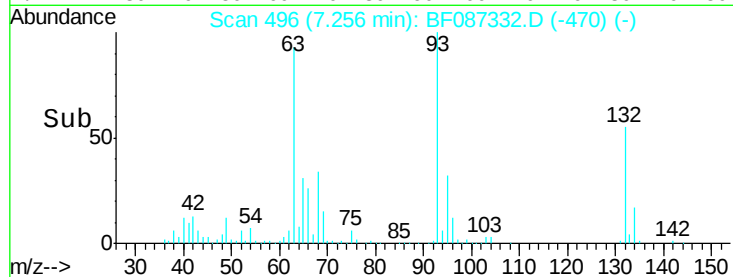
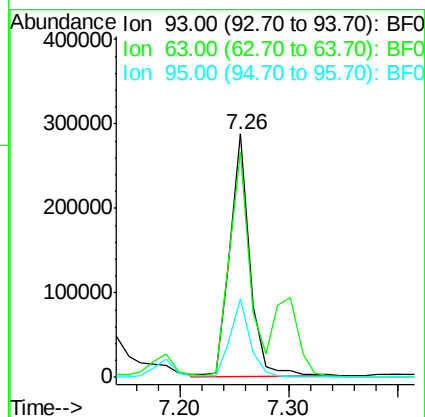
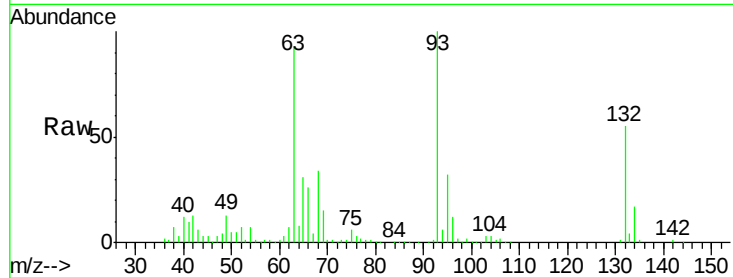
93 100

63 92.9 58.0 98.0

95 32.4 11.9 51.9

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#12

1,3-Dichlorobenzene

Concen: 36.40 ng m

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

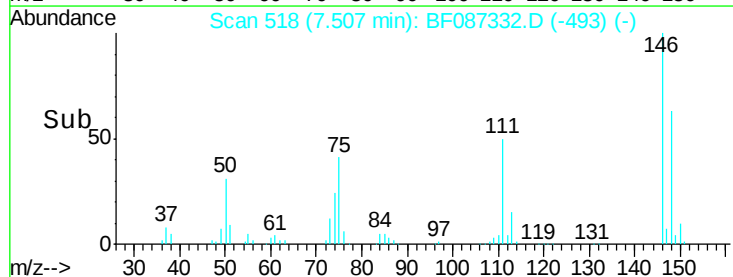
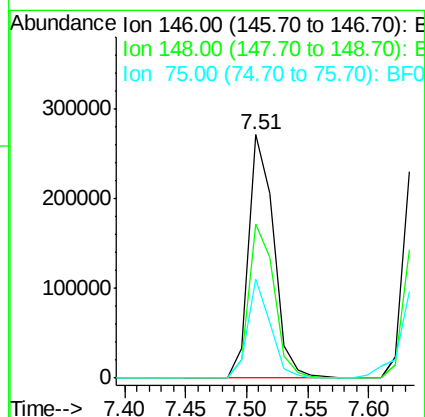
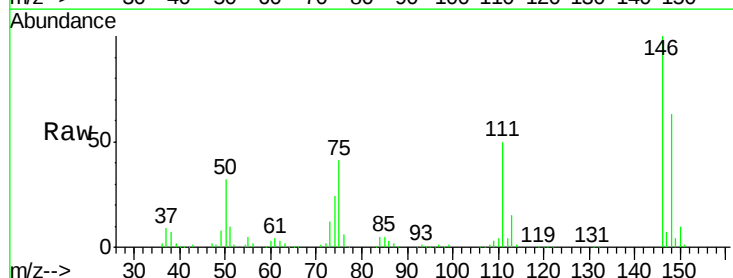
Tgt Ion: 146 Resp: 384553

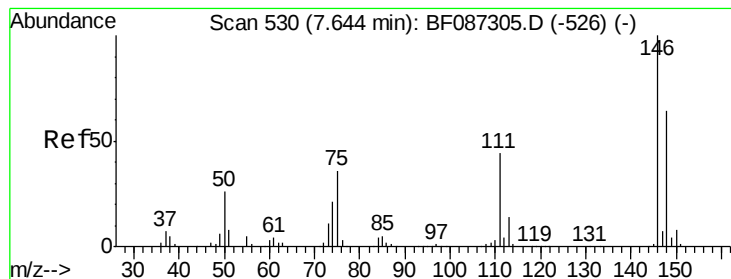
Ion Ratio Lower Upper

146 100

148 63.4 52.4 78.6

75 40.7 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 37.14 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

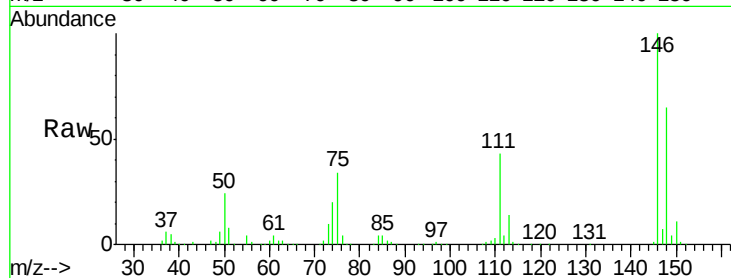
ClientSampleId :

SB-22-COMPMSD

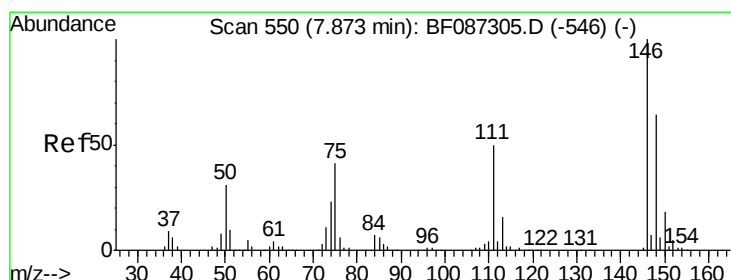
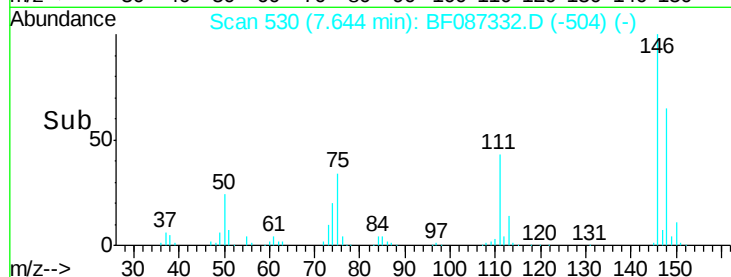
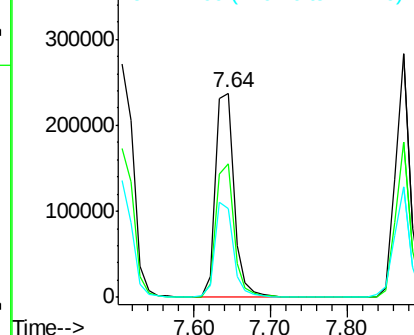
Tgt Ion:	146	Resp:	402788
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.2	78.4
111	43.3	30.7	46.1

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



#14

1,2-Dichlorobenzene

Concen: 37.75 ng

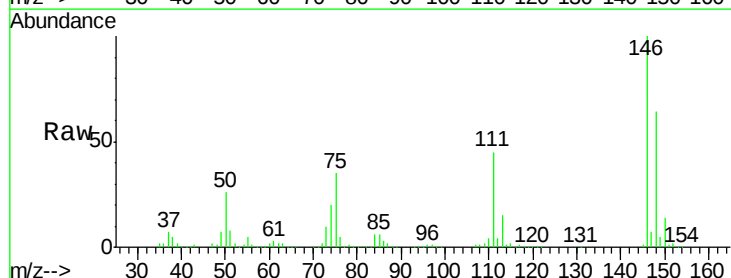
RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

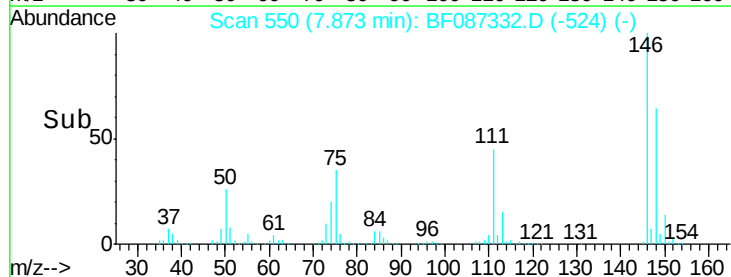
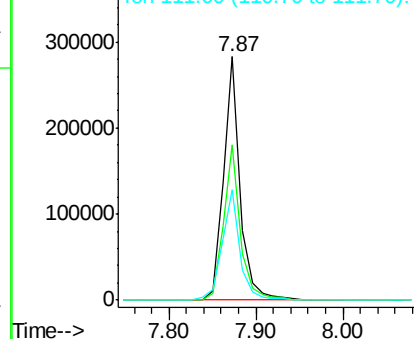
Lab File: BF087332.D

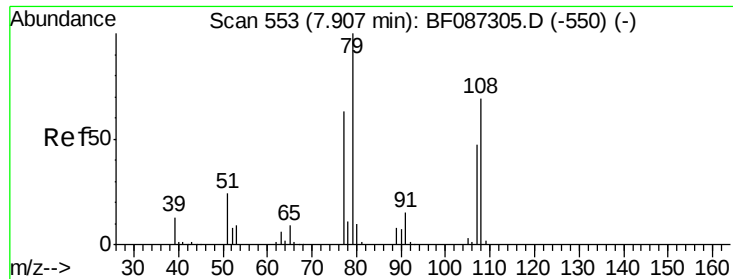
Acq: 24 May 2016 9:33

Tgt Ion:	146	Resp:	378646
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.6
111	45.3	36.2	54.4



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





#15

Benzyl Alcohol

Concen: 45.12 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

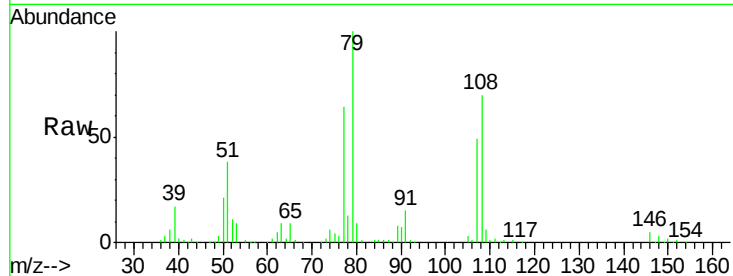
ClientSampleId :

SB-22-COMPMSD

Tgt Ion:	79	Resp:	345174
Ion Ratio	Lower	Upper	
79	100		
108	69.7	68.4	102.6
77	64.2	50.6	76.0

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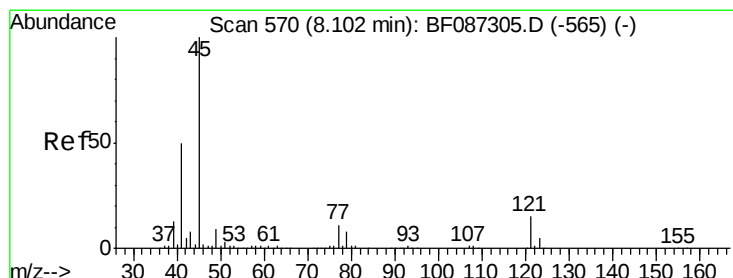
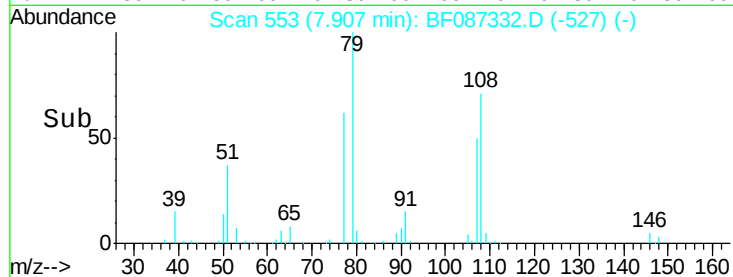
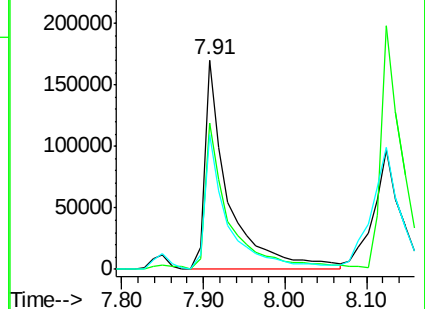
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.46 ng

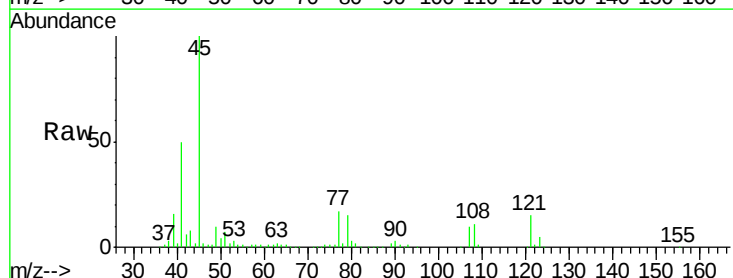
RT: 8.11 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

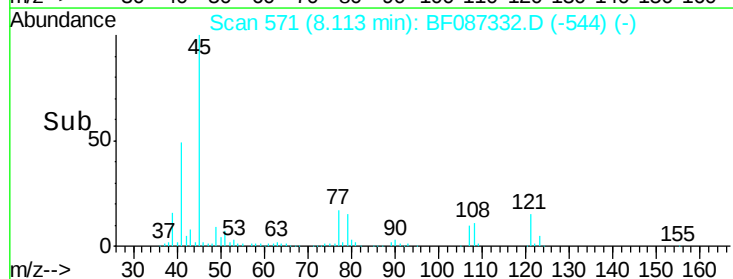
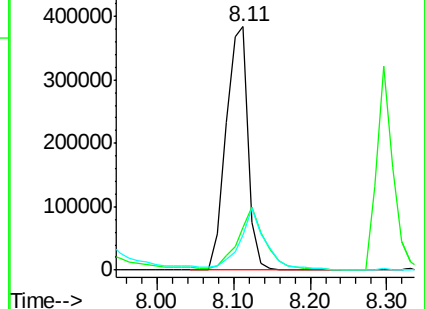
Tgt Ion:	45	Resp:	781678
Ion Ratio	Lower	Upper	
45	100		
77	17.4	0.0	36.4
79	14.6	0.0	33.4

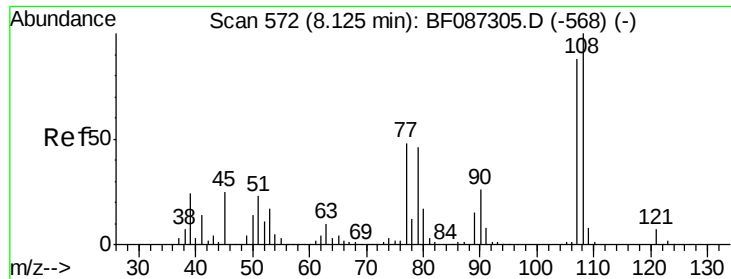


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





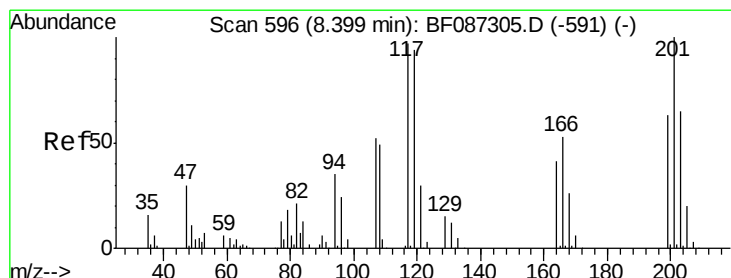
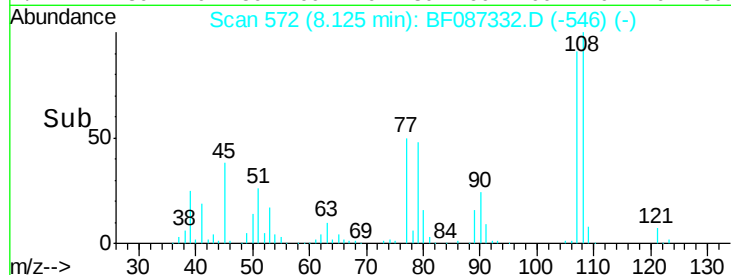
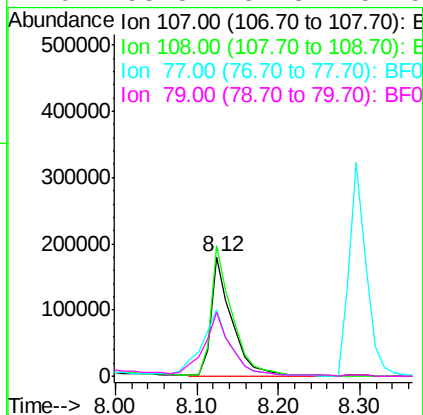
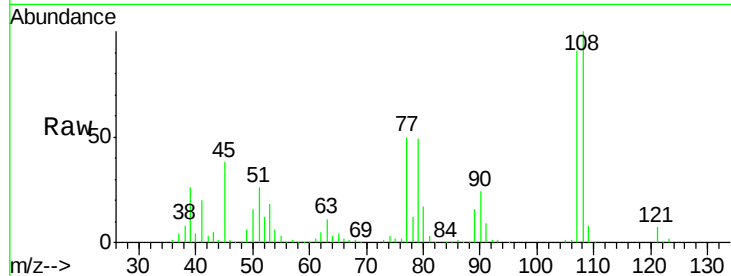
#17
2-Methylphenol
Concen: 40.81 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	316742		
108	109.9	93.7	140.5	
77	55.3	33.4	50.0	
79	53.8	34.3	51.5	

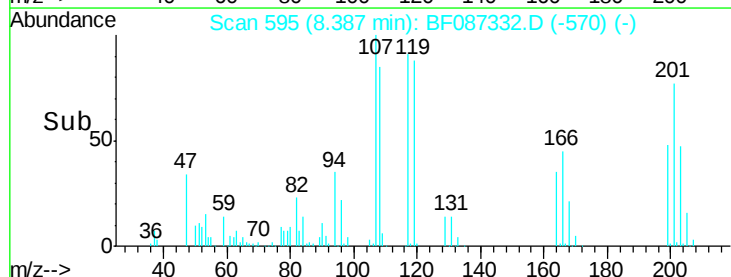
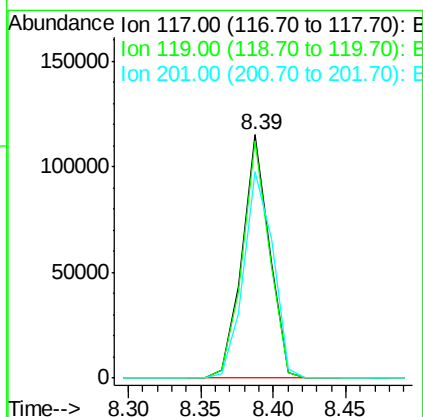
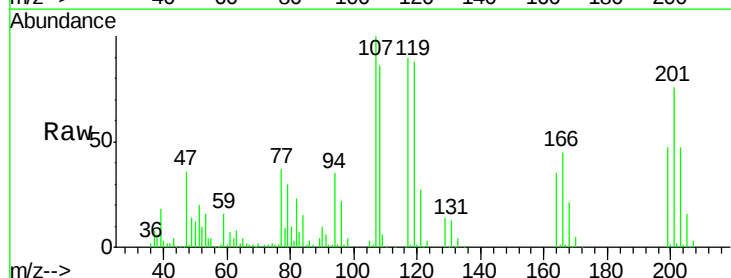
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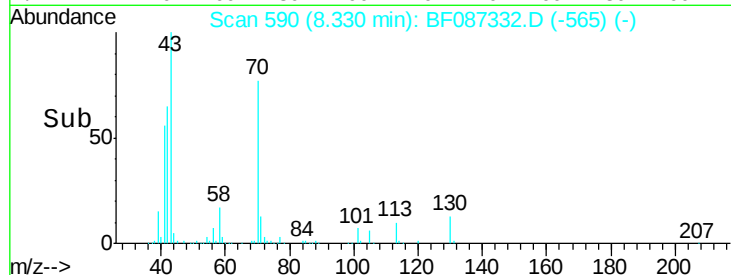
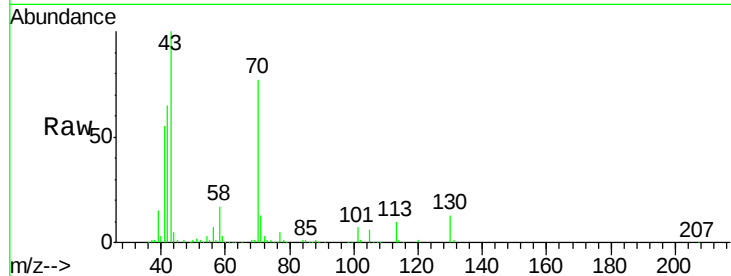
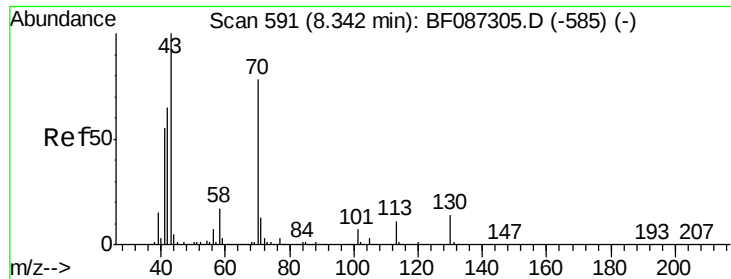
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#18
Hexachloroethane
Concen: 37.18 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150426		
119	97.4	76.5	114.7	
201	84.8	63.0	94.6	





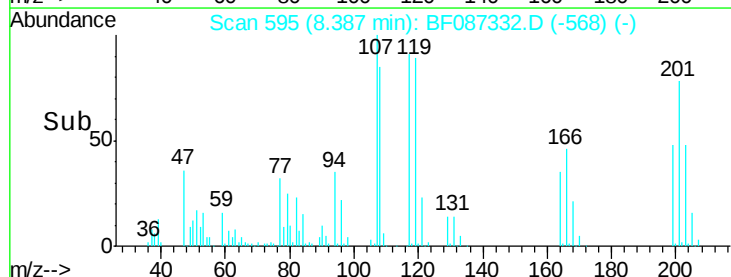
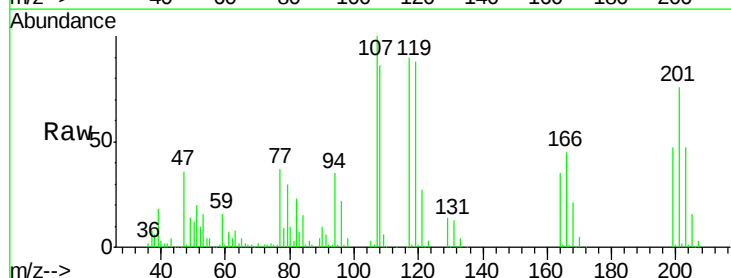
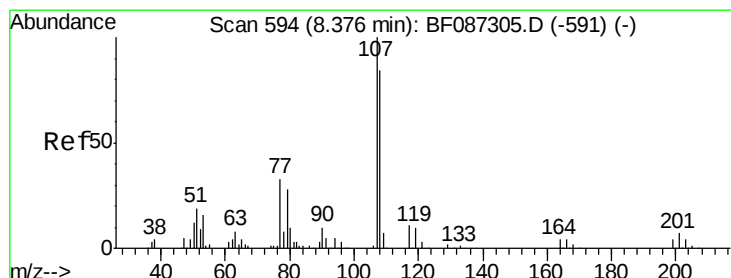
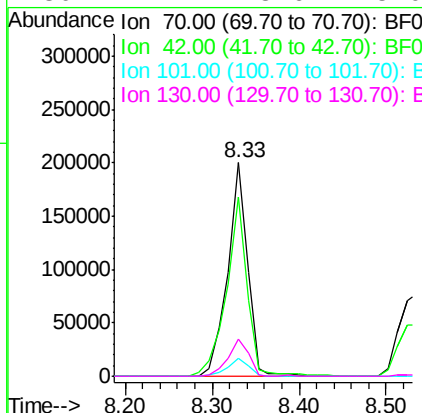
#19
n-Nitroso-di-n-propylamine
Concen: 40.81 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Manual Integrations
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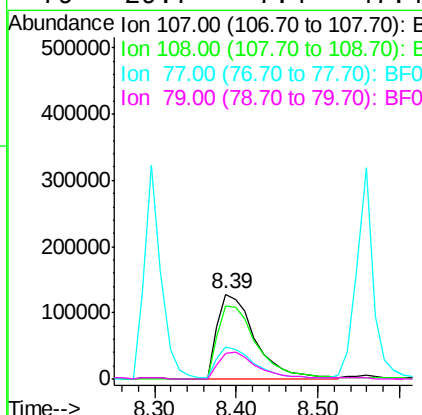
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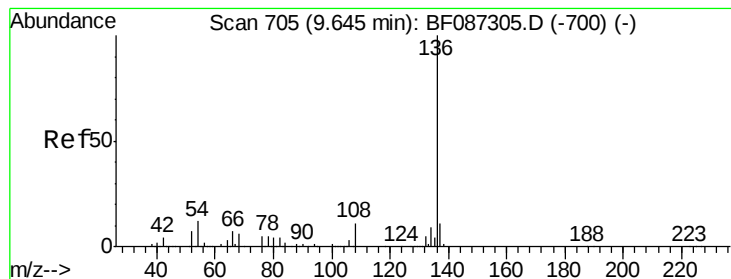
Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	84.0	43.1	64.7#
101	8.5	8.1	12.1
130	17.1	18.6	28.0#



#20
3+4-Methylphenols
Concen: 43.65 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	85.7	68.5	108.5
77	37.1	101.6	141.6#
79	29.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

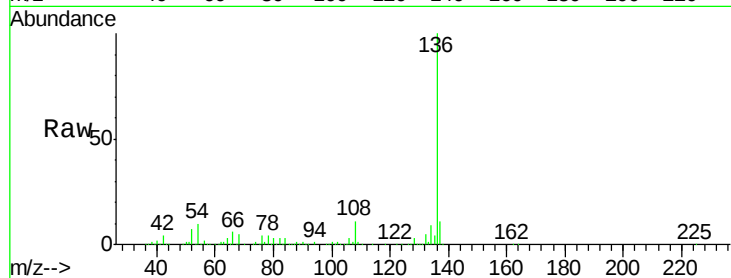
ClientSampleId :

SB-22-COMPMSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.4	5.0	7.4#
68	5.4	4.4	6.6

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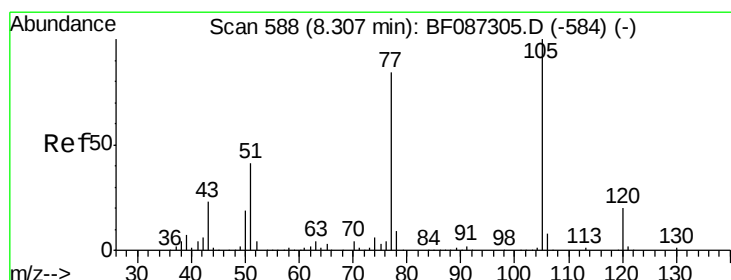
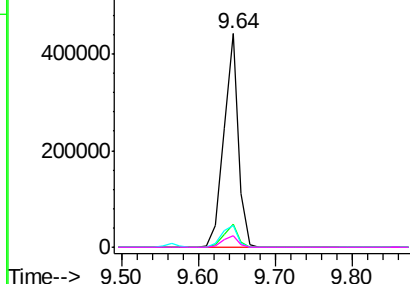
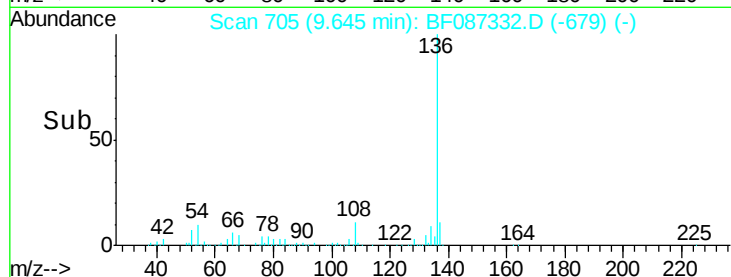


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.07 ng

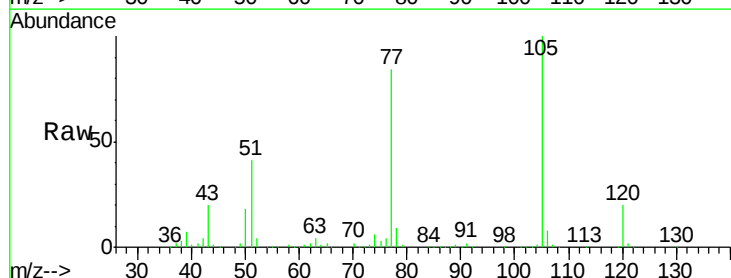
RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.3	4.8	7.2#
51	41.4	32.6	49.0
120	20.2	16.5	24.7

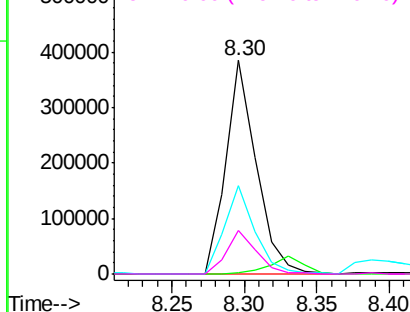
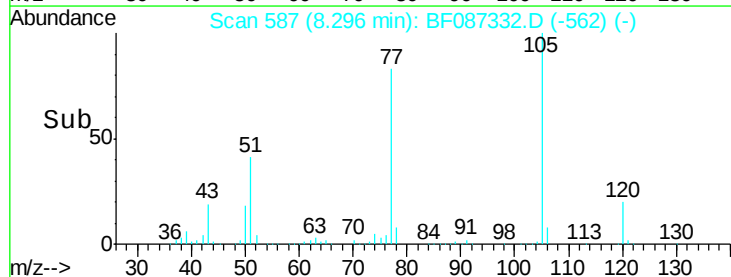


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





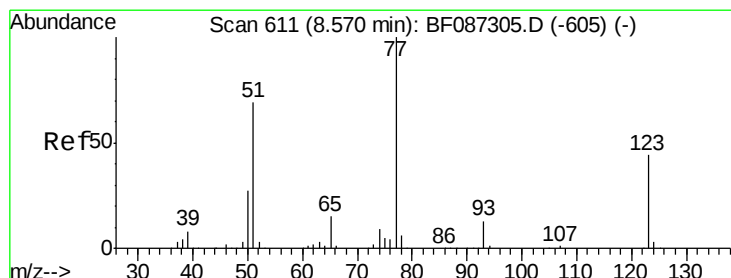
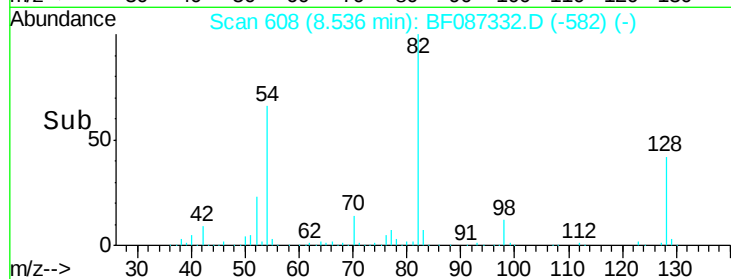
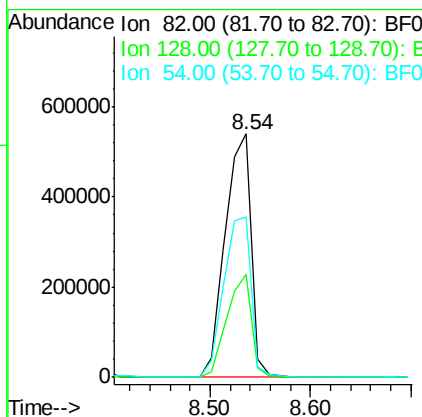
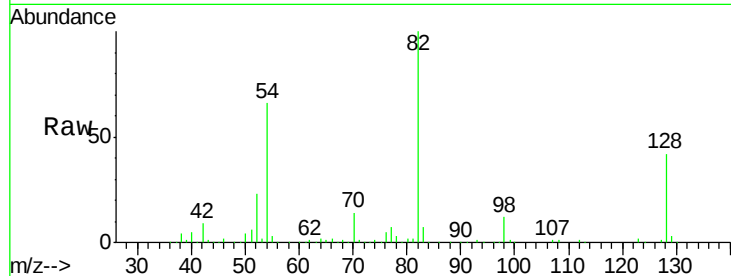
#23
 Nitrobenzene-d5
 Concen: 83.27 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	971337		
128	42.3	40.6	61.0	
54	66.0	38.1	57.1#	

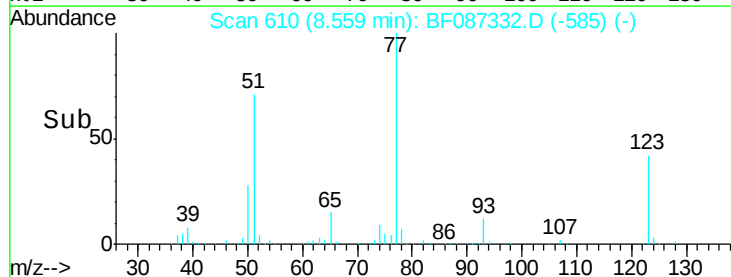
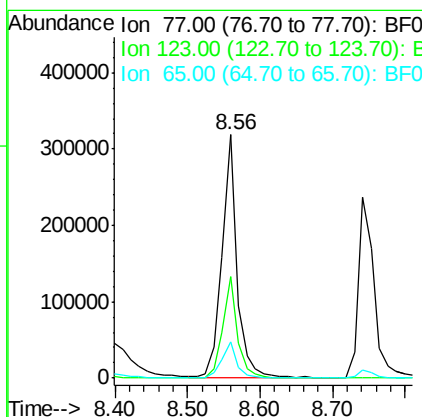
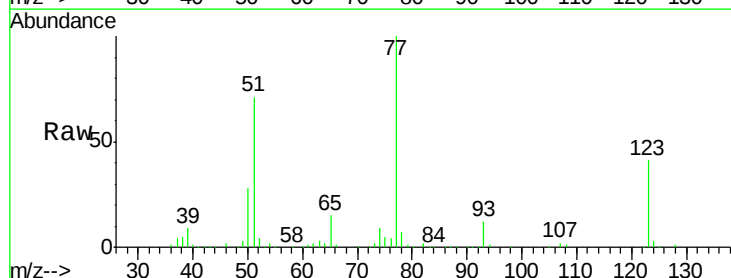
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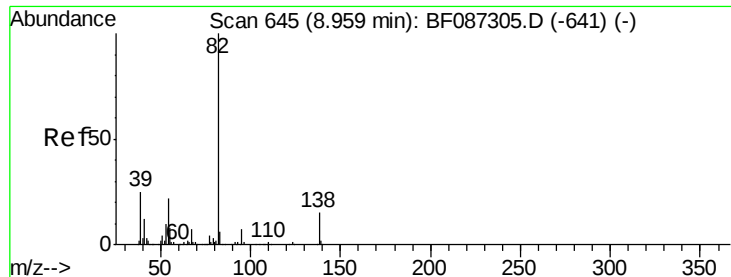
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#24
 Nitrobenzene
 Concen: 37.05 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	456189		
123	41.5	33.0	49.4	
65	15.0	10.8	16.2	





#25

Isophorone

Concen: 37.97 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087332.D

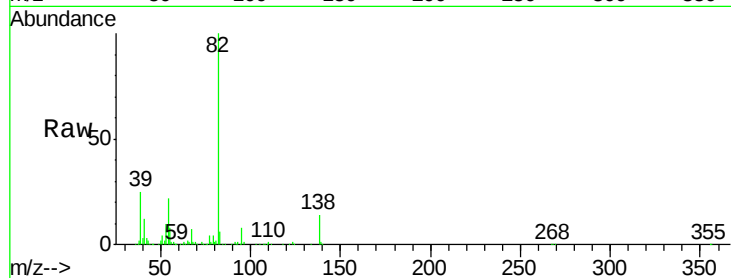
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

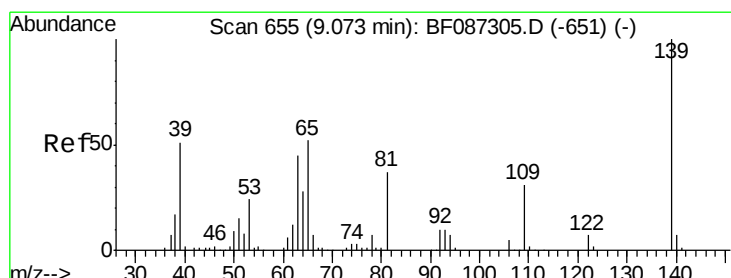
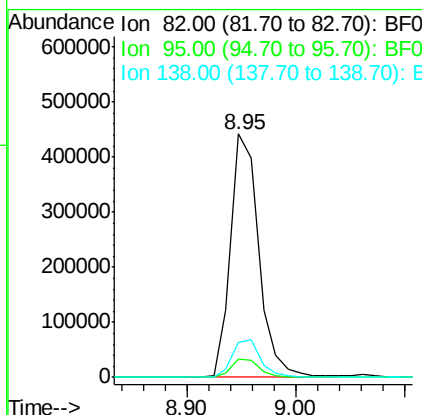
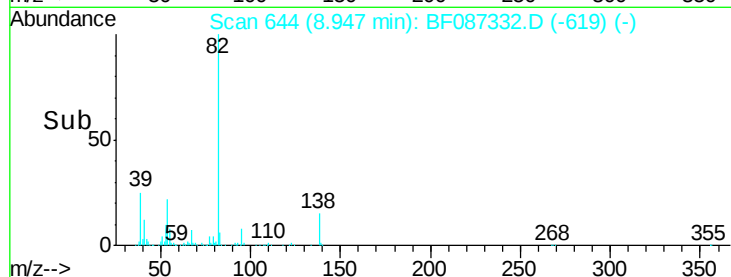
SB-22-COMPMSD



Tgt Ion:	82	Resp:	794404
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	14.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.32 ng

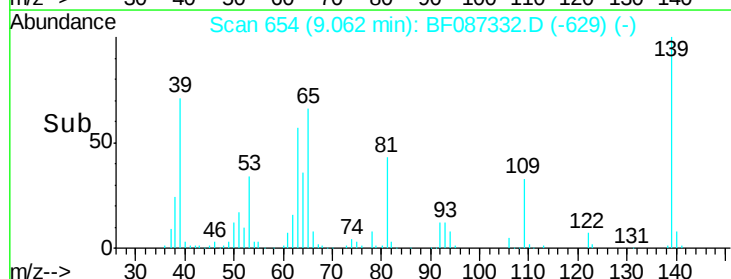
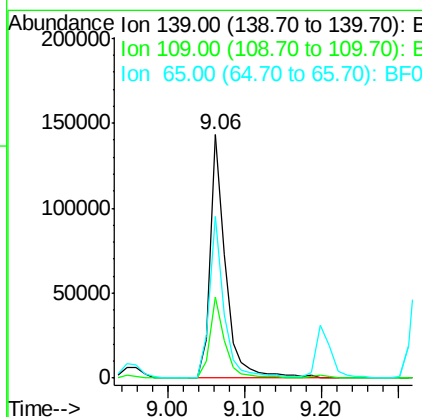
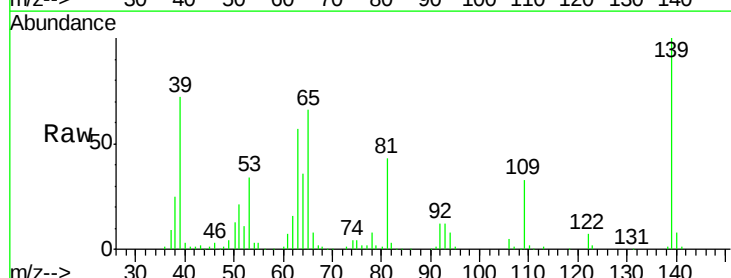
RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:	139	Resp:	197894
Ion Ratio	Lower	Upper	
139	100		
109	33.5	19.5	29.3#
65	66.4	37.5	56.3#





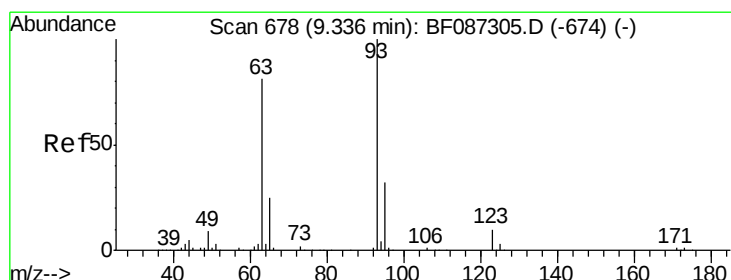
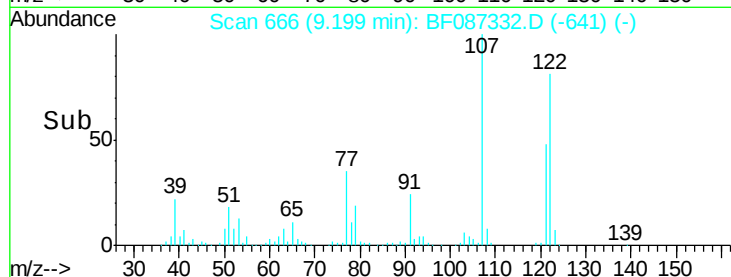
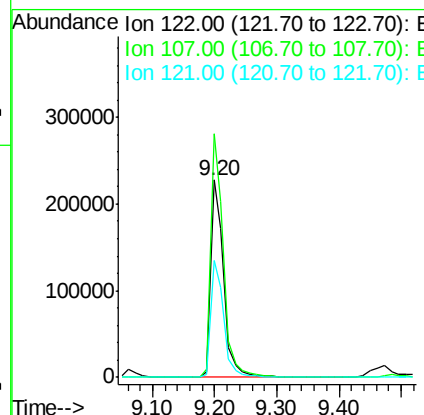
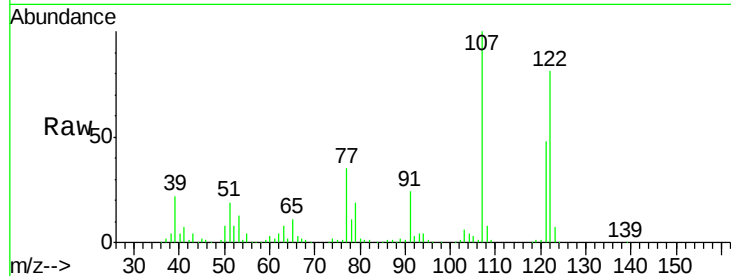
#27
 2,4-Dimethylphenol
 Concen: 37.27 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	325614		
107	123.5	82.0	123.0#	
121	59.4	46.1	69.1	

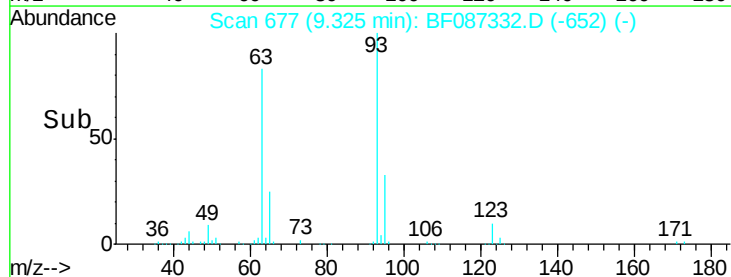
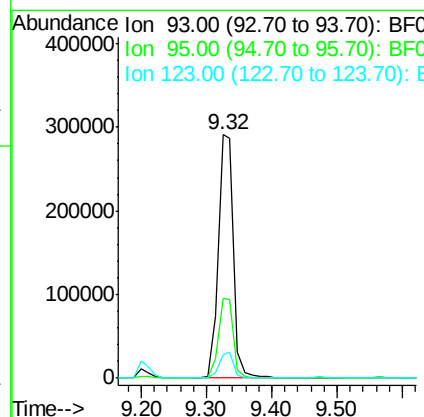
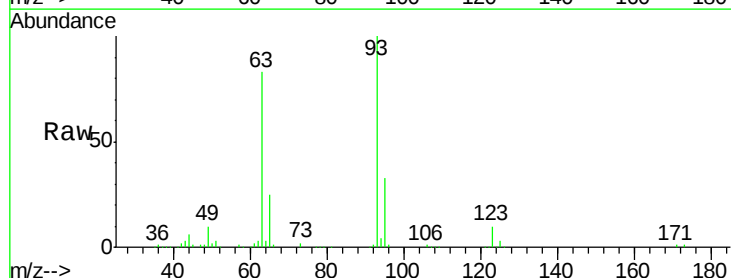
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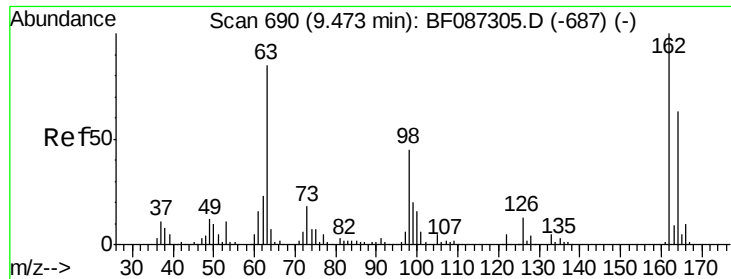
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.03 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	483446		
95	33.0	26.0	39.0	
123	9.7	9.5	14.3	





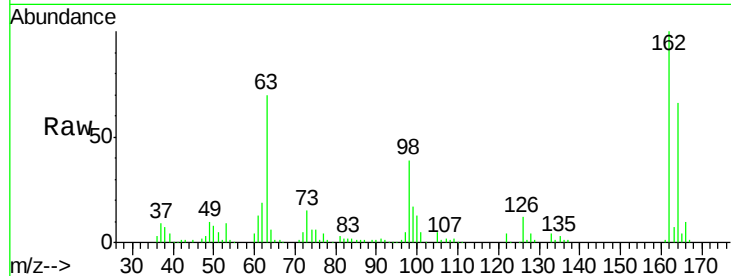
#29
2,4-Dichlorophenol
Concen: 40.18 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

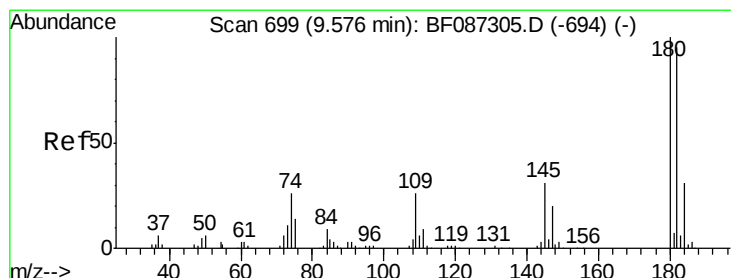
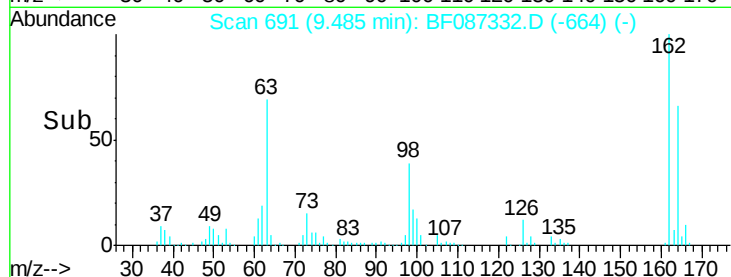
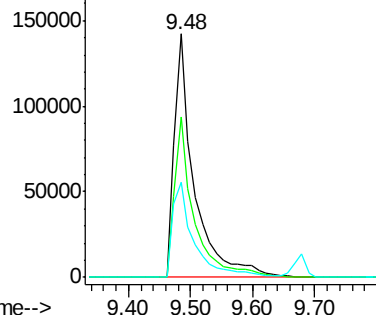
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	42.2	82.2
98	39.1	19.0	59.0

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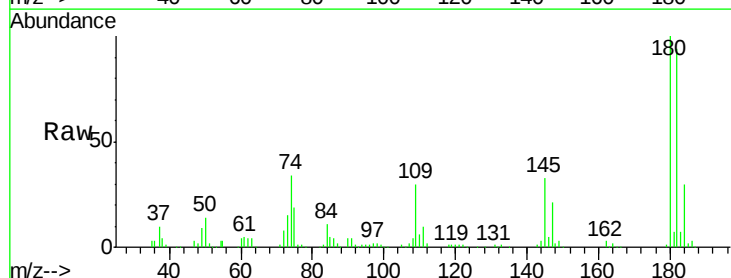


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

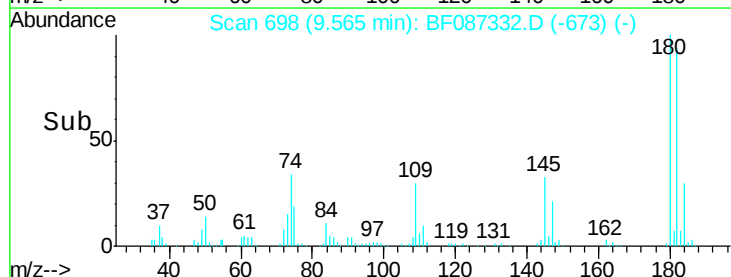
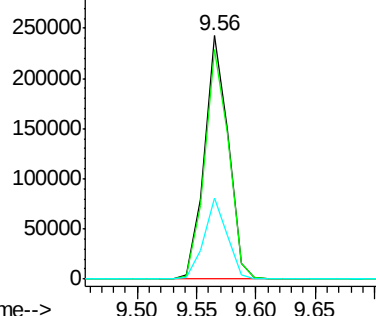


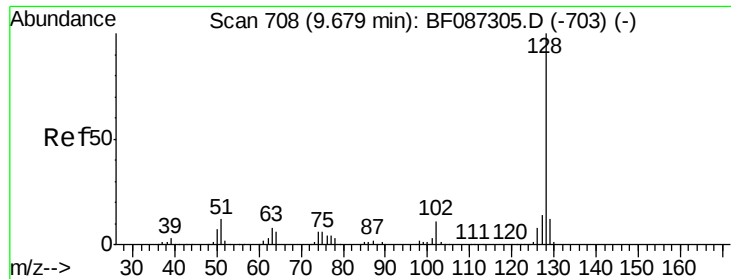
#30
1,2,4-Trichlorobenzene
Concen: 37.47 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	78.0	117.0
145	33.1	24.2	36.2



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





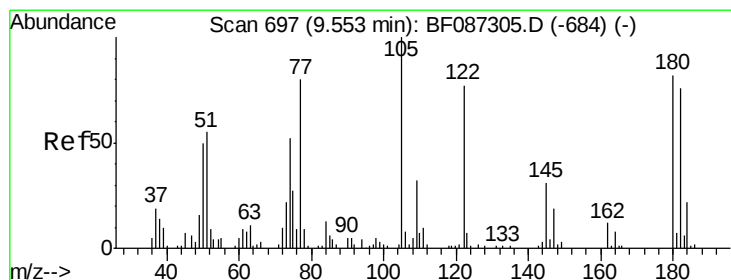
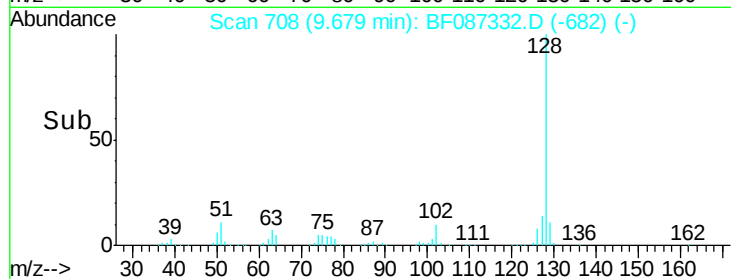
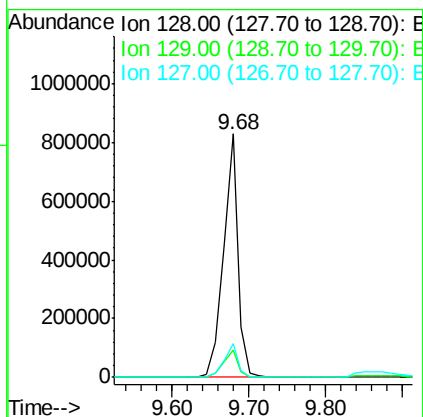
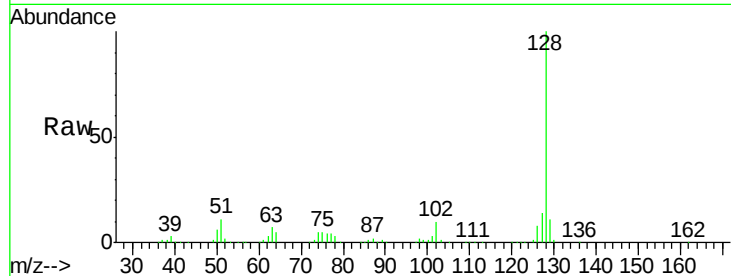
#31
Naphthalene
Concen: 37.66 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.7	10.8	16.2

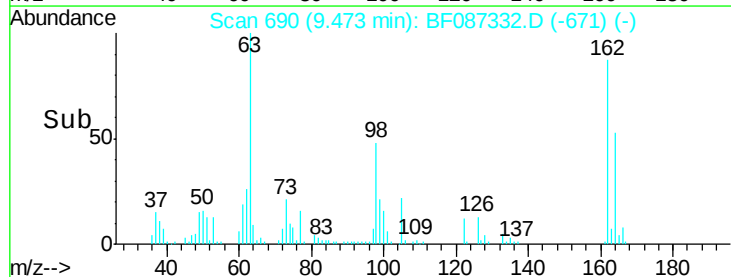
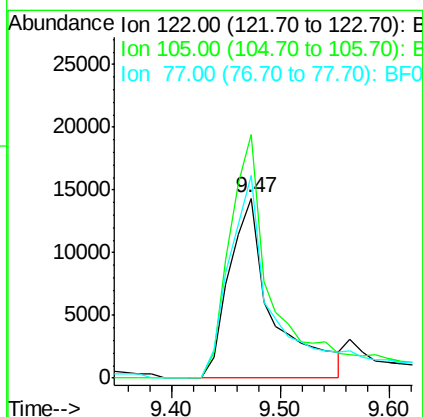
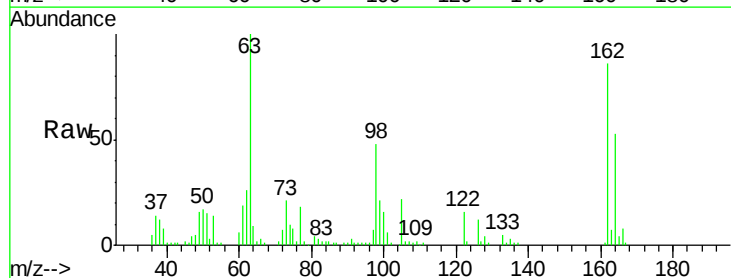
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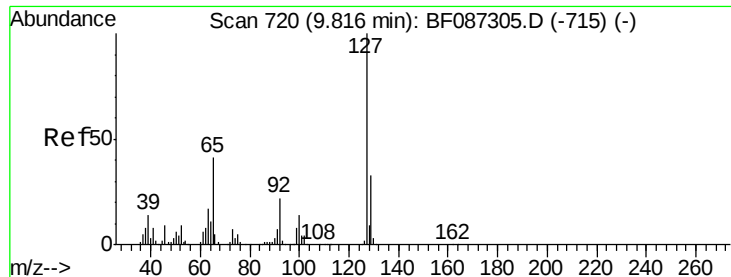
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#32
Benzoic acid
Concen: 13.62 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.6	92.6	132.6#
77	113.0	60.0	100.0#





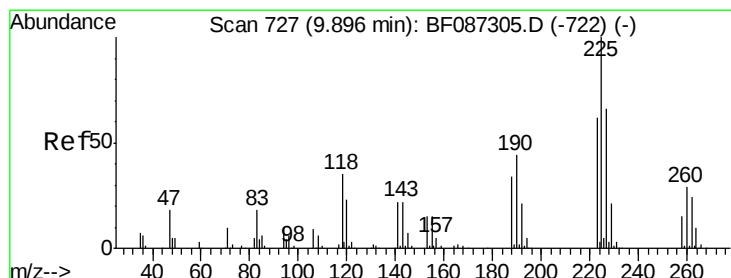
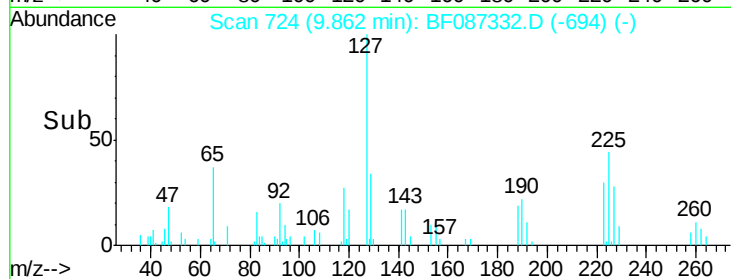
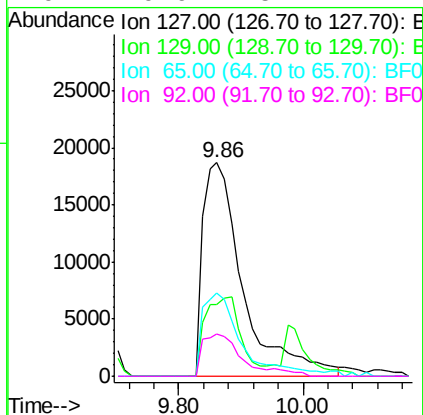
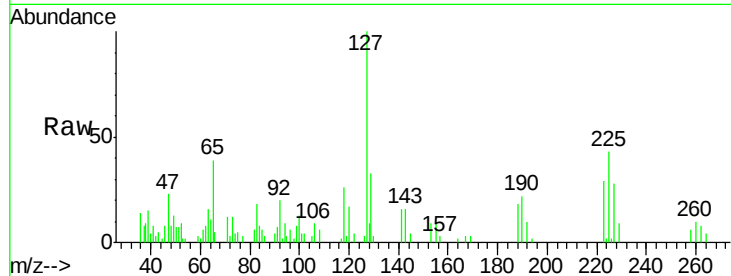
#33
 4-Chloroaniline
 Concen: 7.74 ng
 RT: 9.86 min Scan# 724
 Delta R.T. 0.05 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	83984		
129	33.5	26.2	39.4	
65	39.0	23.0	34.4	
92	19.9	15.1	22.7	

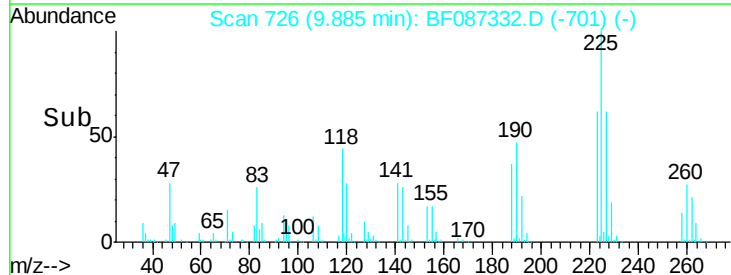
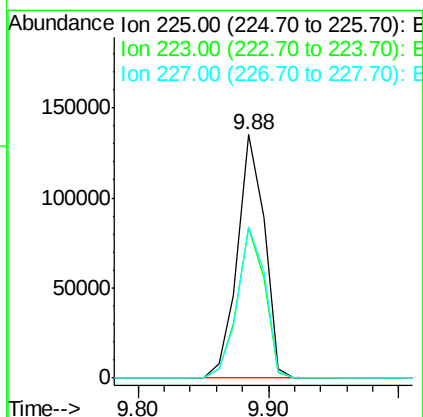
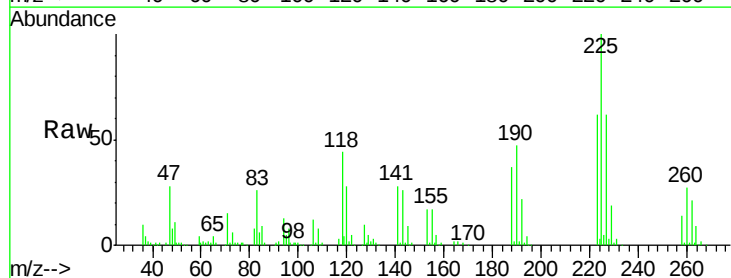
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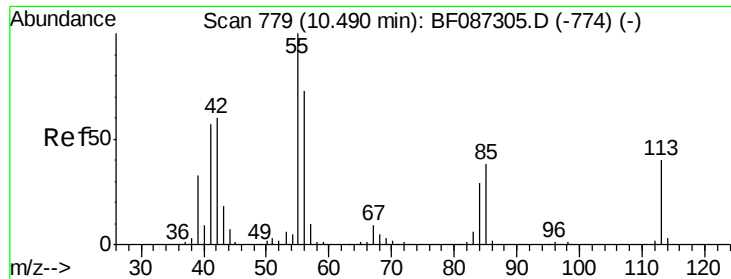
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#34
 Hexachlorobutadiene
 Concen: 35.60 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	195056		
223	61.6	51.5	77.3	
227	62.1	52.2	78.2	





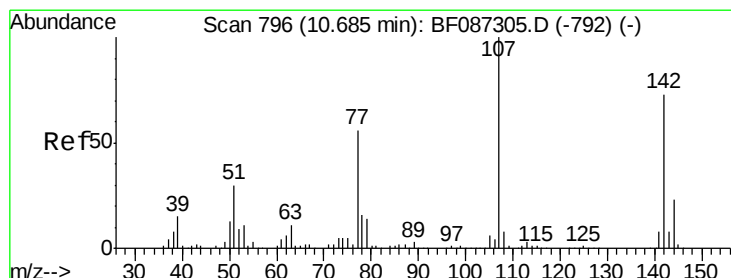
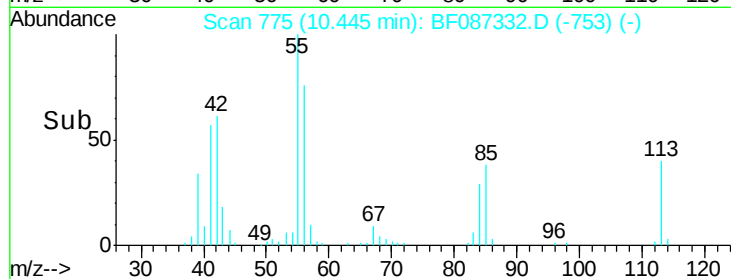
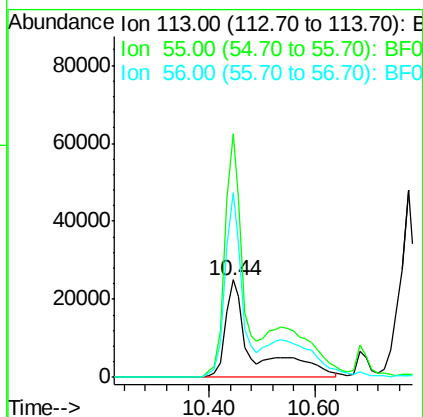
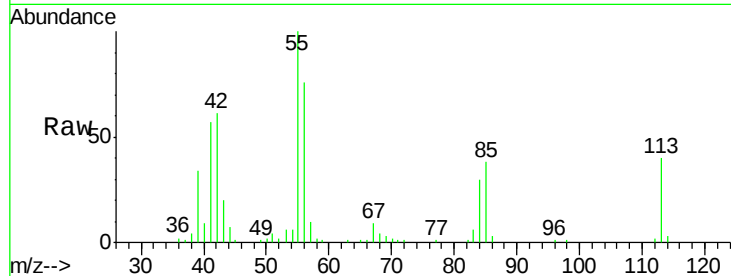
#35
 Caprolactam
 Concen: 39.57 ng m
 RT: 10.44 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion:113 Resp: 90937
 Ion Ratio Lower Upper
 113 100
 55 249.8 162.0 202.0#
 56 189.1 115.3 155.3#

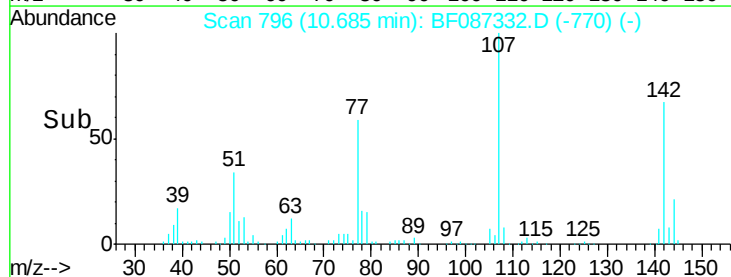
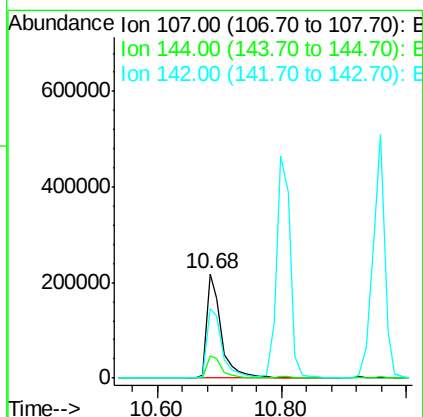
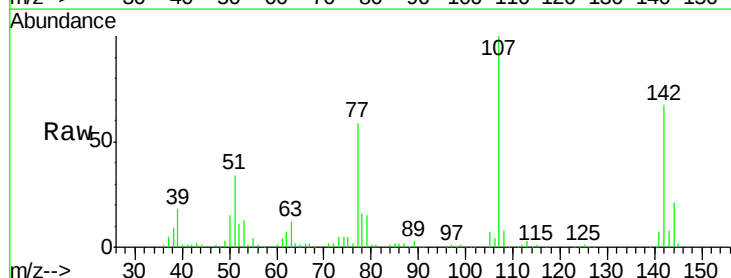
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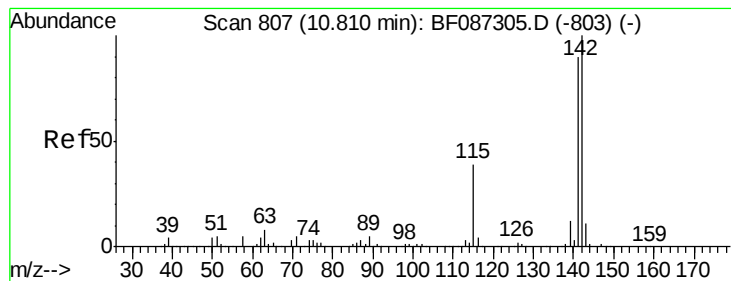
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#36
 4-Chloro-3-methylphenol
 Concen: 39.50 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:107 Resp: 351631
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.7 31.1
 142 66.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 38.66 ng m

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF087332.D

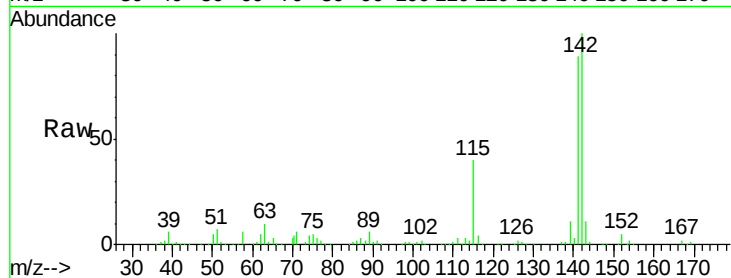
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD



Tgt Ion:142 Resp: 711554

Ion Ratio Lower Upper

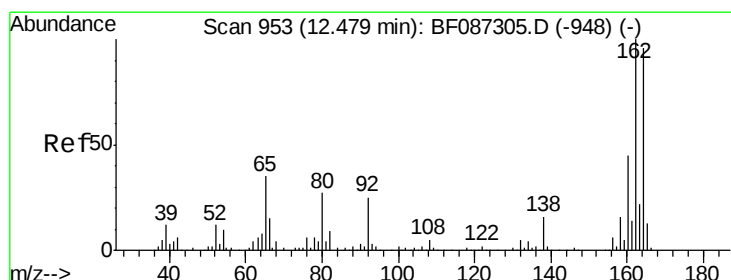
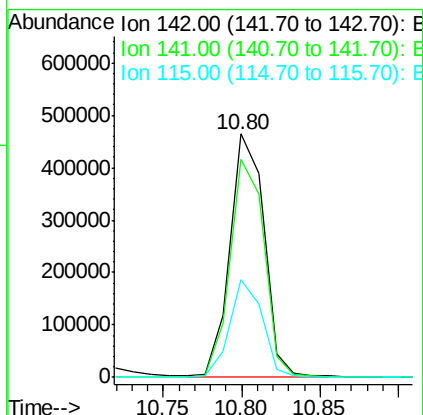
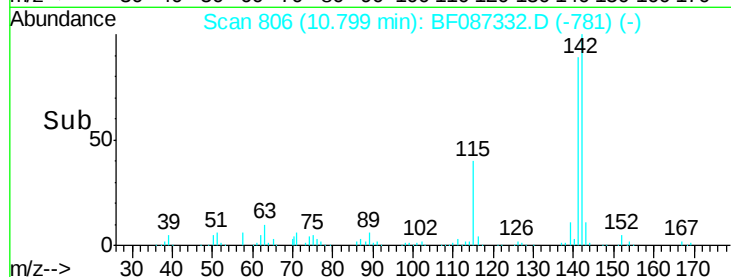
142 100

141 89.3 71.0 106.6

115 40.1 26.6 39.8#

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

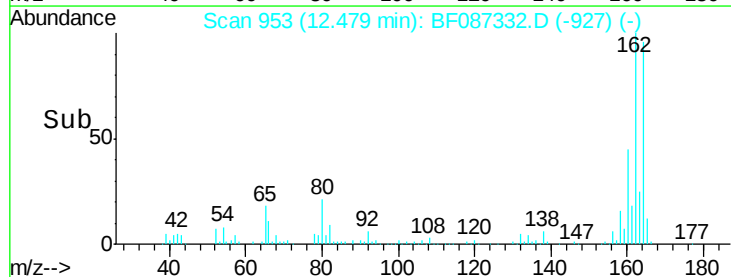
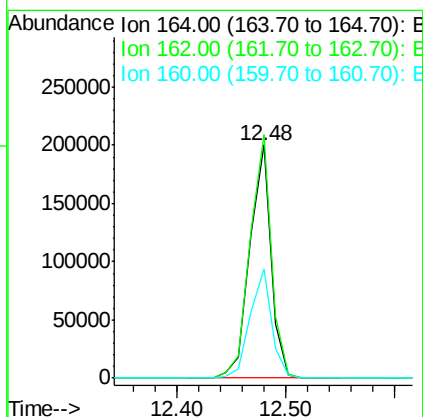
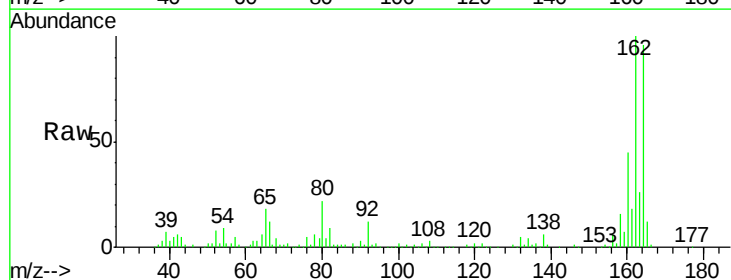
Tgt Ion:164 Resp: 272110

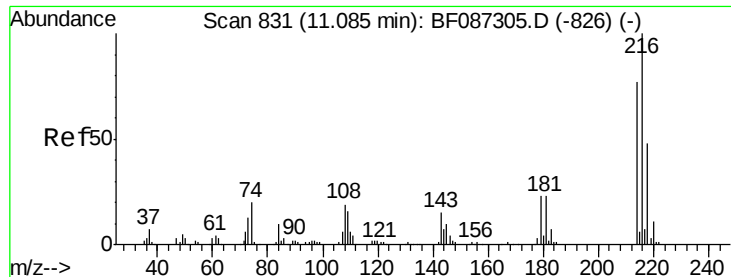
Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

160 47.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.24 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF087332.D

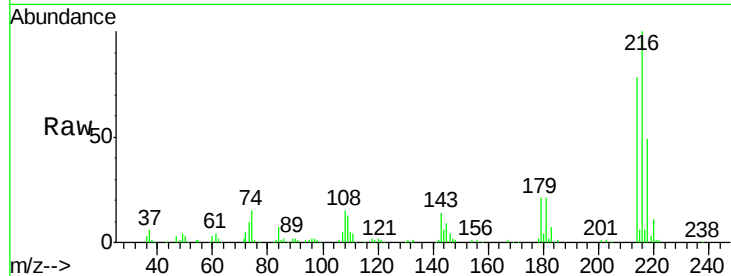
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

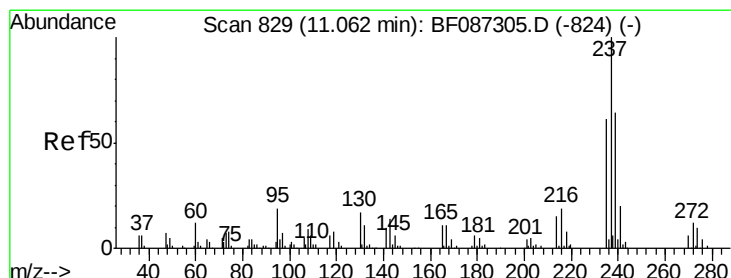
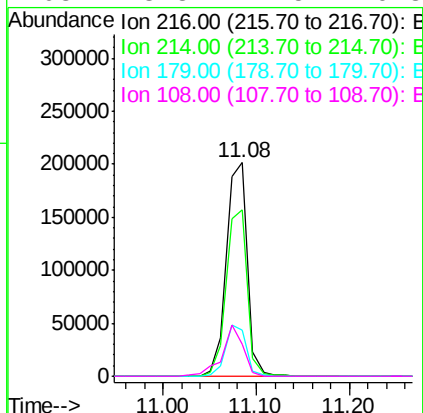
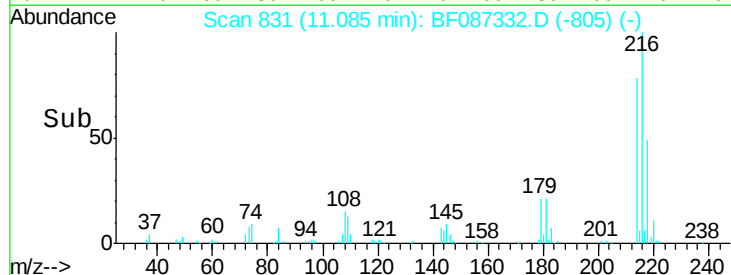
SB-22-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	315637		
214	78.4	62.6	93.8	
179	23.5	18.2	27.4	
108	23.8	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 65.61 ng

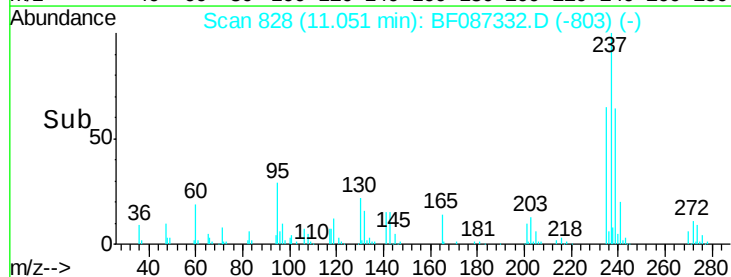
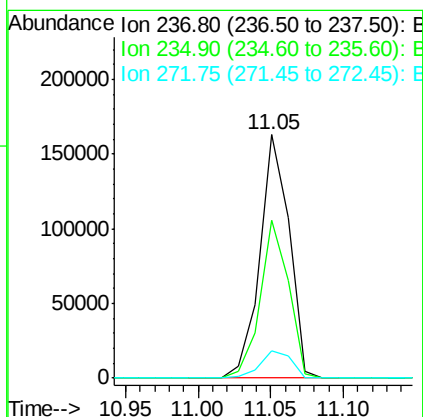
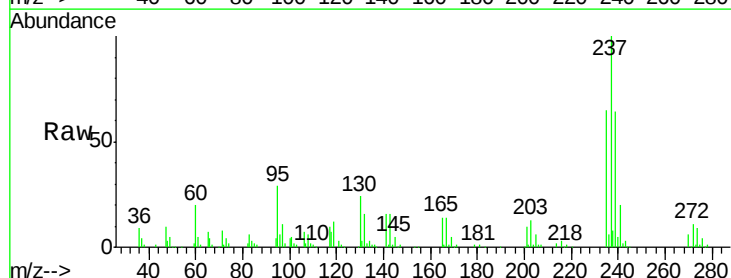
RT: 11.05 min Scan# 828

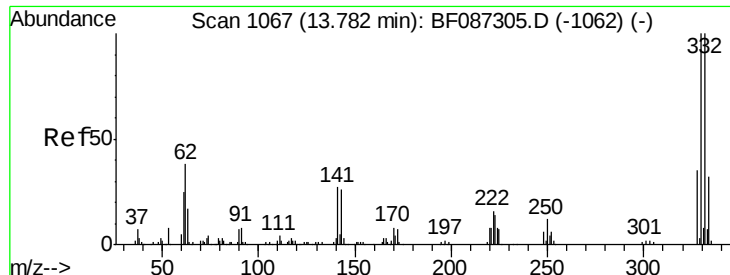
Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	228276		
235	64.7	47.2	87.2	
272	11.3	0.0	31.1	





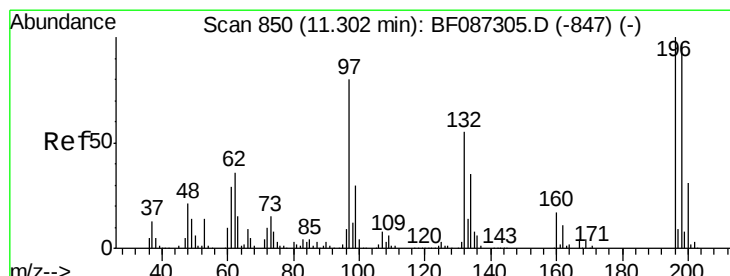
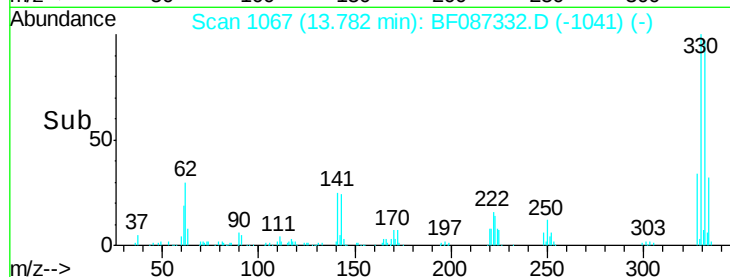
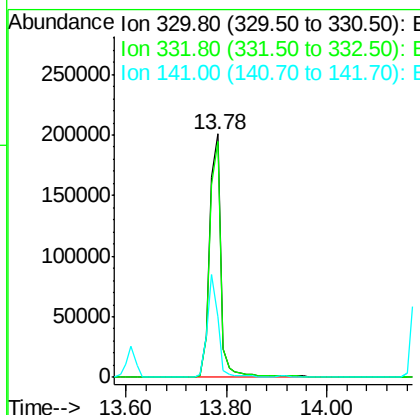
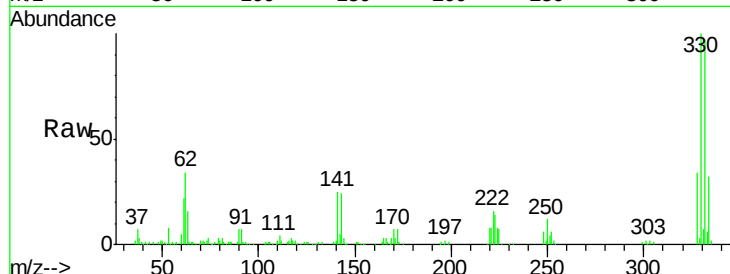
#41
 2,4,6-Tribromophenol
 Concen: 121.63 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	318046		
332	96.7	79.0	118.4	
141	40.5	31.2	46.8	

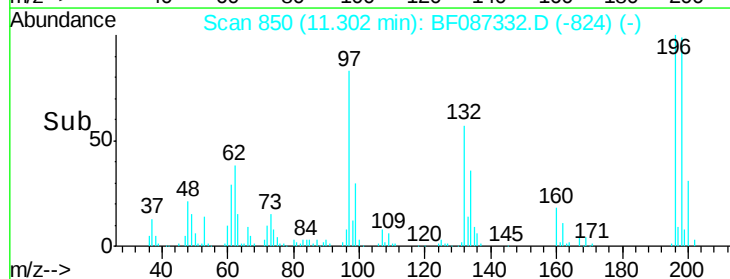
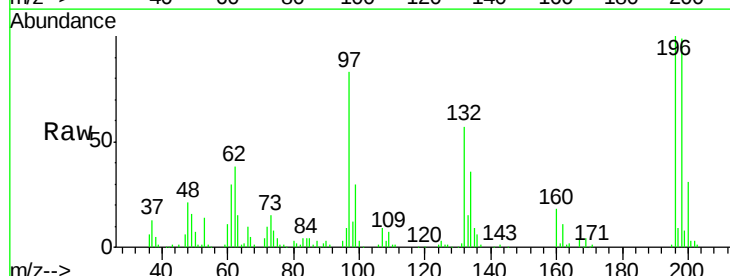
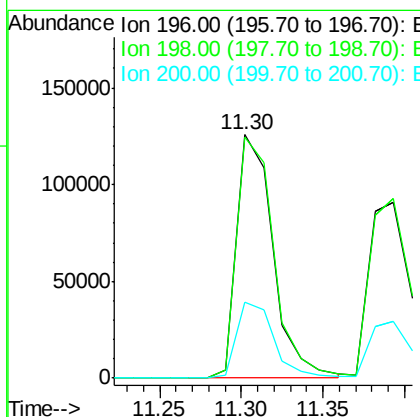
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#42
 2,4,6-Trichlorophenol
 Concen: 38.55 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

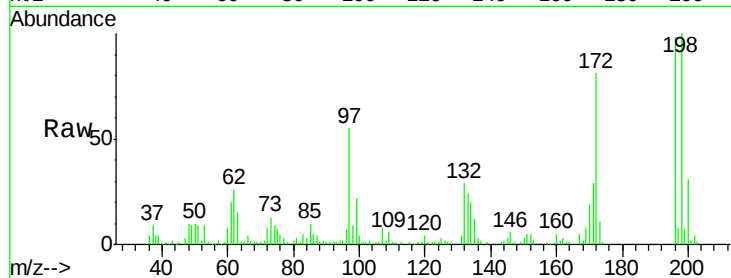
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193824		
198	99.1	74.7	112.1	
200	31.1	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 11.39 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

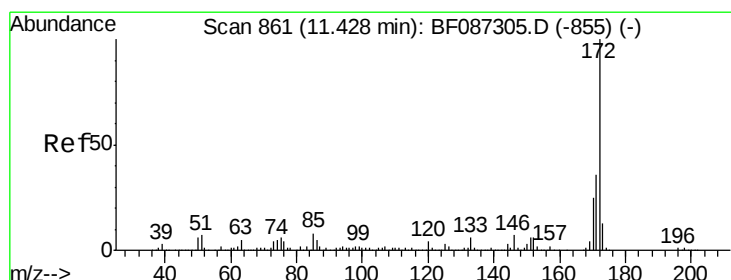
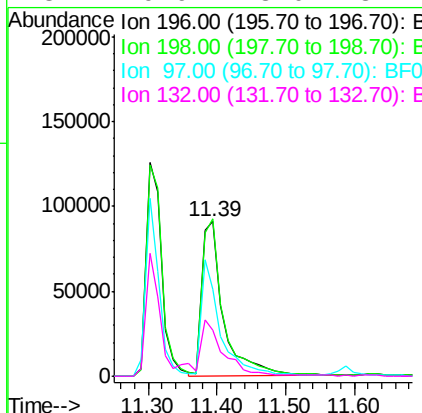
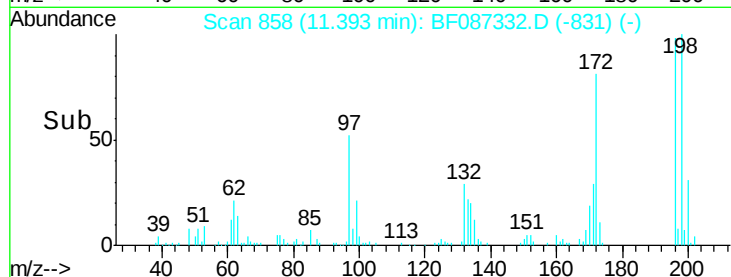
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD



Tgt Ion:	196	Resp:	197299
Ion Ratio	Lower	Upper	
196	100		
198	101.8	77.5	116.3
97	56.1	34.8	52.2
132	29.9	23.0	34.4

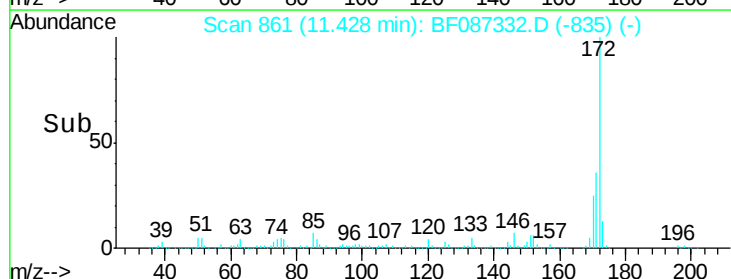
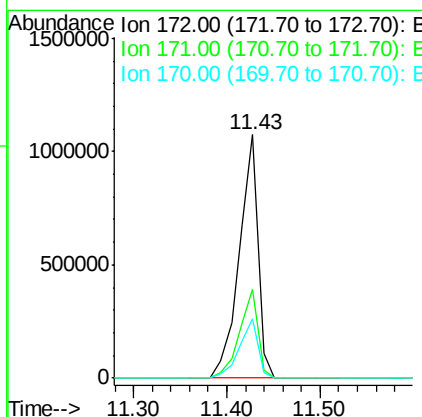
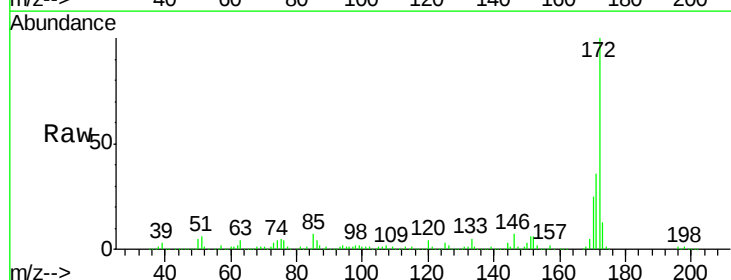
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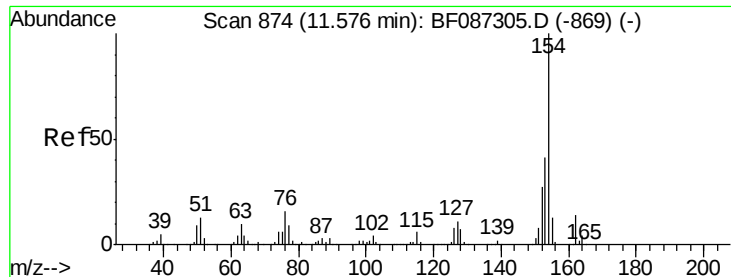
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#44
 2-Fluorobiphenyl
 Concen: 78.23 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion:	172	Resp:	1509990
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.0	43.6
170	24.6	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.07 ng

RT: 11.58 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

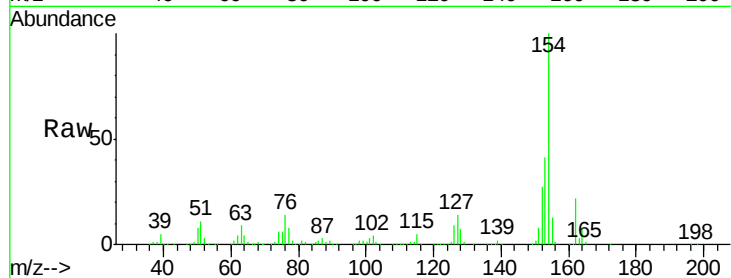
ClientSampleId :

SB-22-COMPMSD

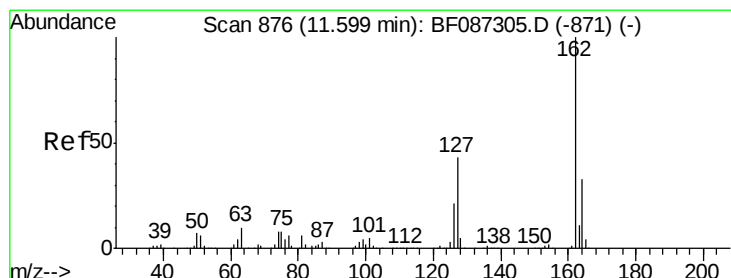
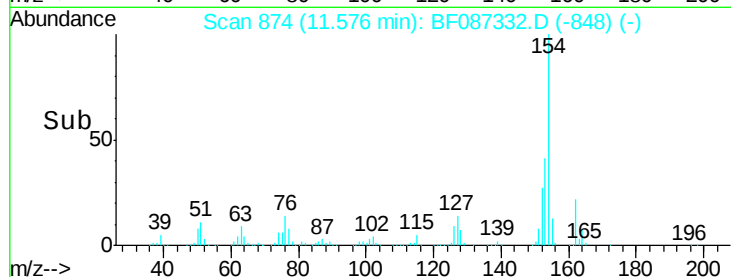
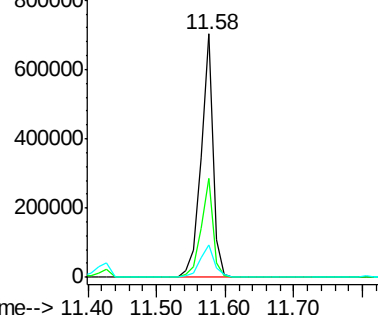
Tgt Ion:	154	Resp:	872124
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	13.5	0.0	30.2

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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: 36.21 ng

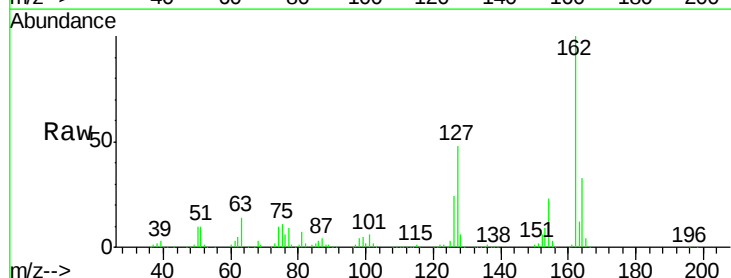
RT: 11.59 min Scan# 875

Delta R.T. -0.01 min

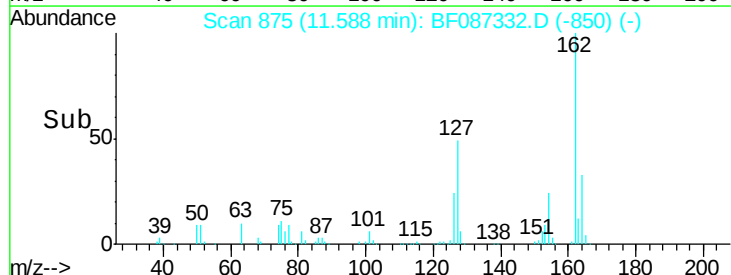
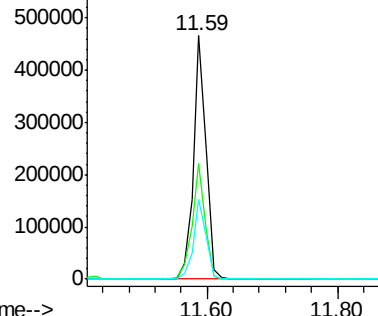
Lab File: BF087332.D

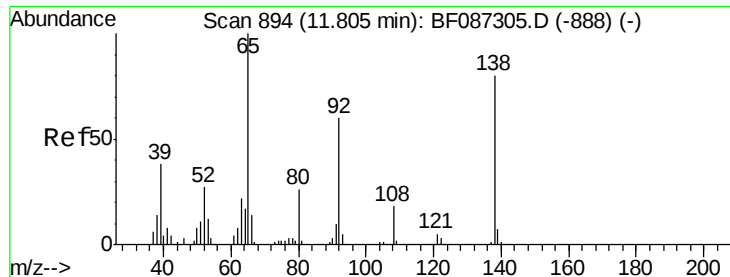
Acq: 24 May 2016 9:33

Tgt Ion:	162	Resp:	634724
Ion Ratio	Lower	Upper	
162	100		
127	47.6	31.8	47.6
164	32.8	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: 39.11 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087332.D

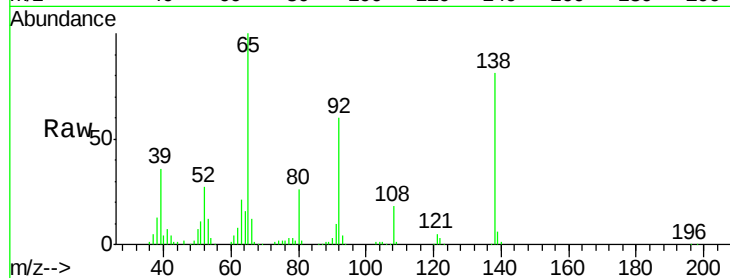
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD



Tgt Ion: 65 Resp: 246960

Ion Ratio Lower Upper

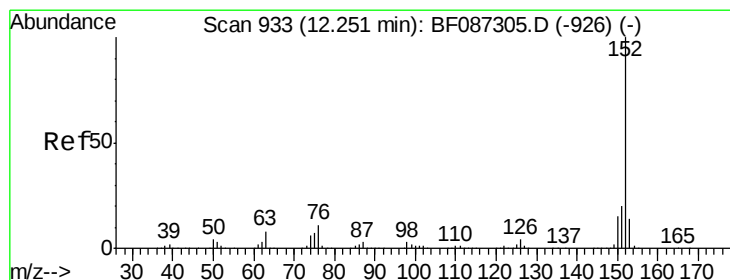
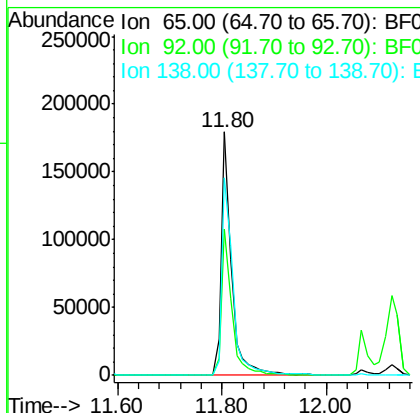
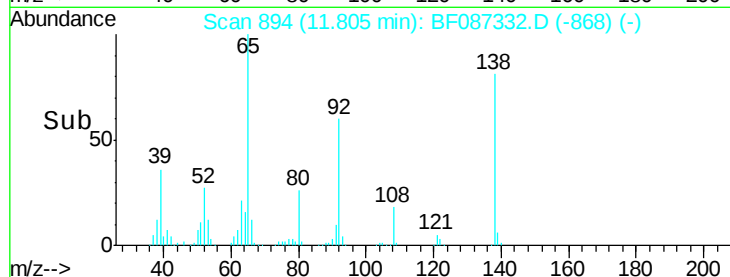
65 100

92 60.3 57.4 86.2

138 81.3 90.1 135.1#

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#48

Acenaphthylene

Concen: 37.23 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

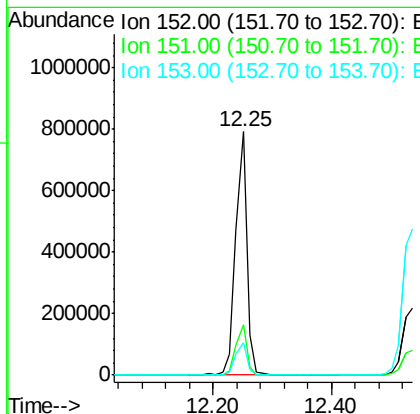
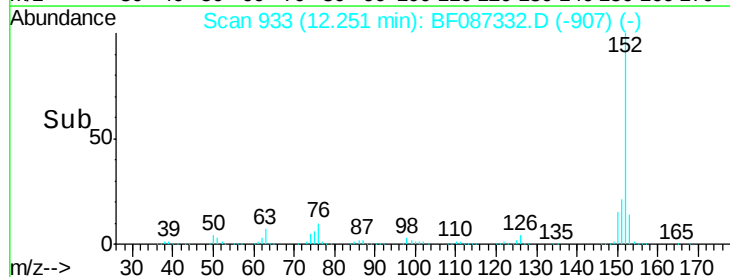
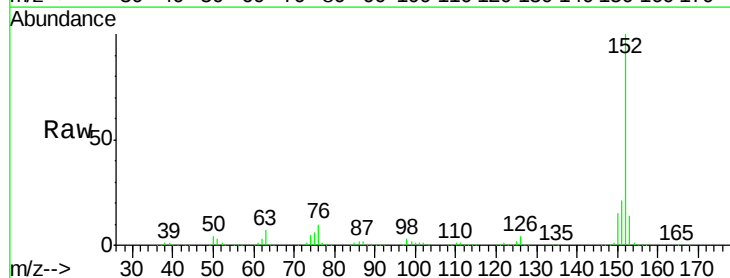
Tgt Ion: 152 Resp: 1033156

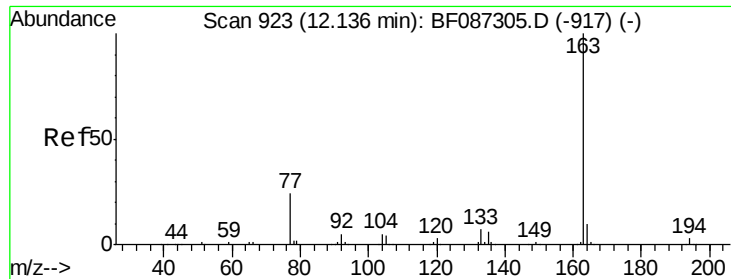
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.5 10.9 16.3





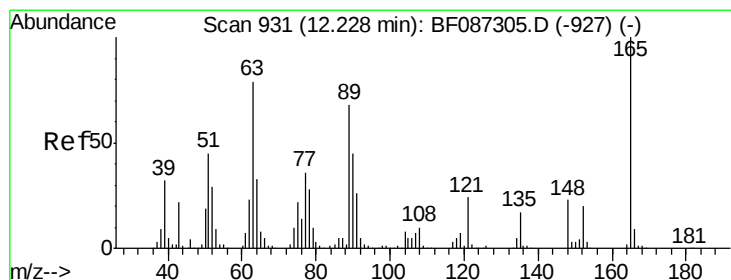
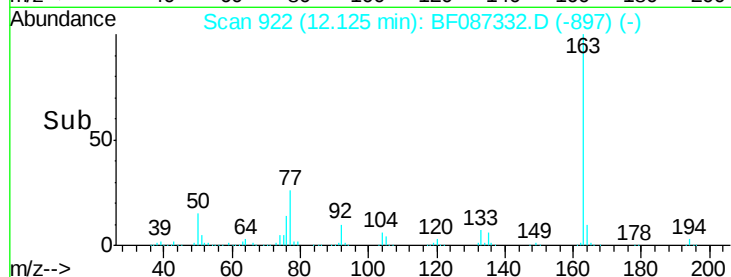
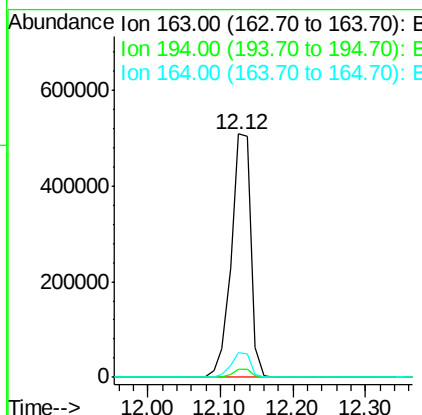
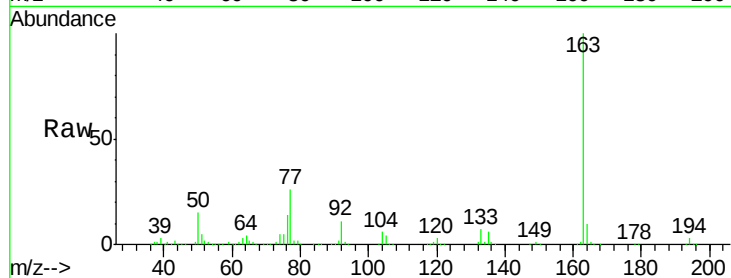
#49
Dimethylphthalate
Concen: 43.64 ng
RT: 12.12 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.2	12.4

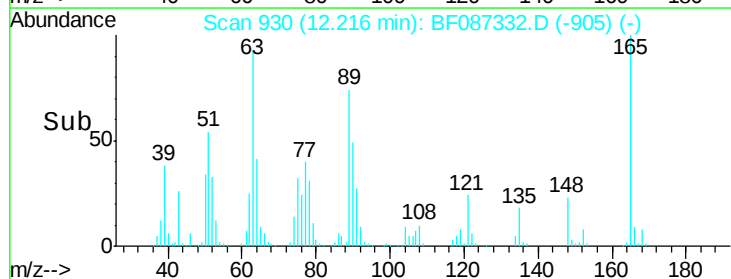
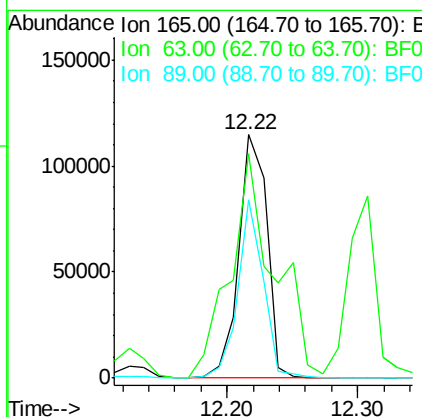
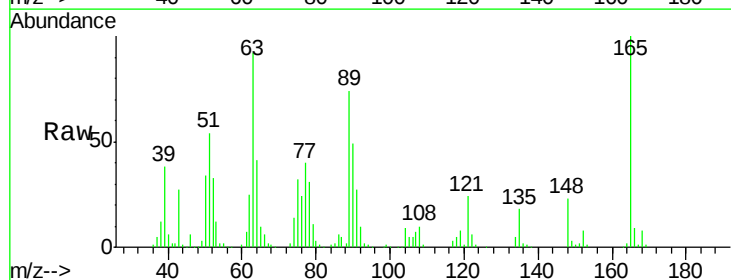
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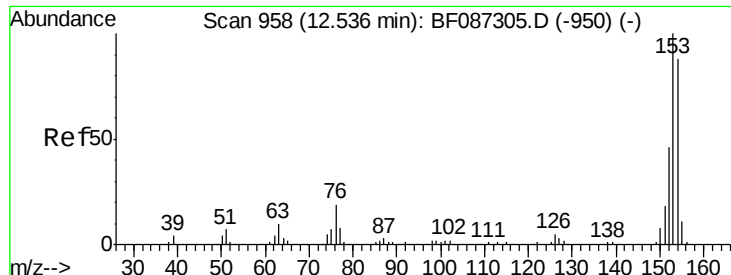
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#50
2,6-Dinitrotoluene
Concen: 39.10 ng
RT: 12.22 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	92.1	51.8	77.8#
89	73.5	50.7	76.1





#51

Acenaphthene

Concen: 37.13 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087332.D

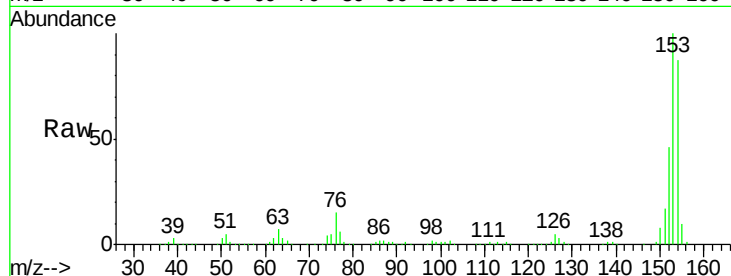
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD



Tgt Ion:154 Resp: 633251

Ion Ratio Lower Upper

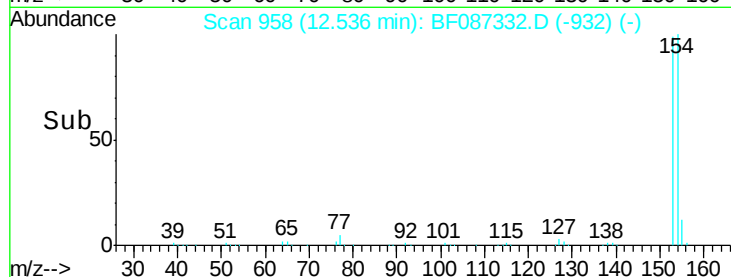
154 100

153 114.6 89.8 134.6

152 52.4 43.4 65.0

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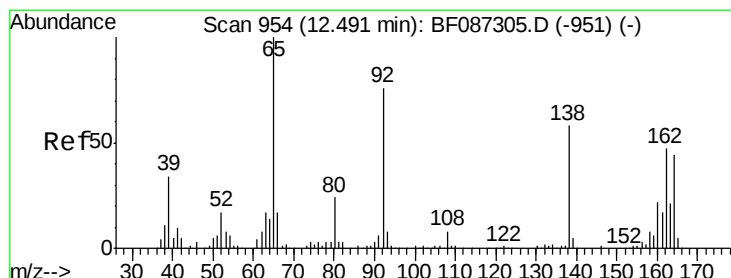
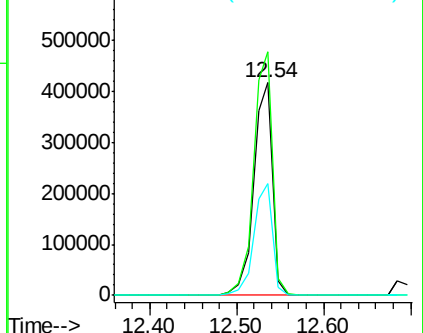
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.69 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

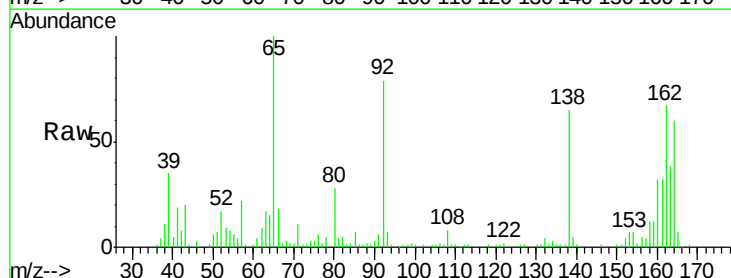
Tgt Ion:138 Resp: 88754

Ion Ratio Lower Upper

138 100

108 12.9 7.8 11.6#

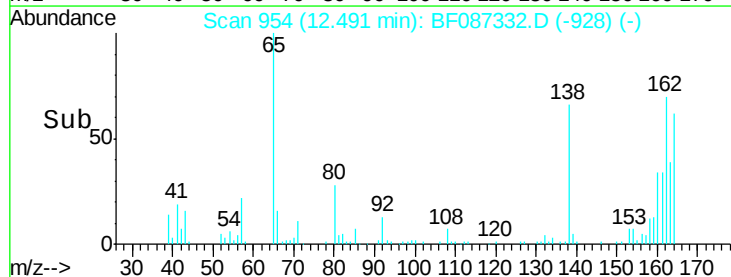
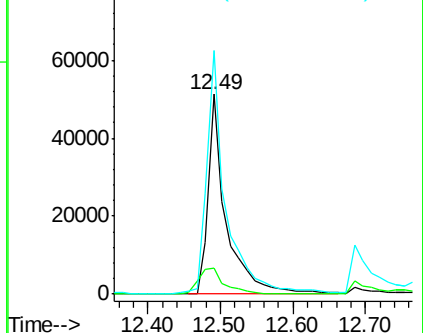
92 122.0 87.8 131.8

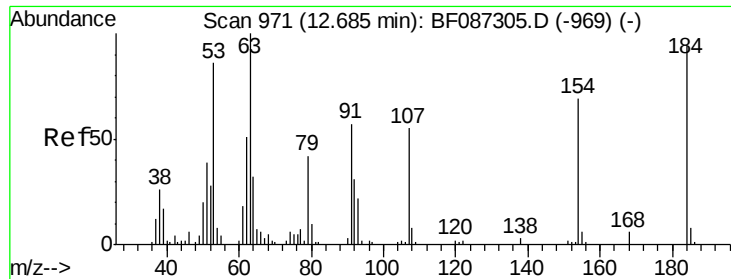


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





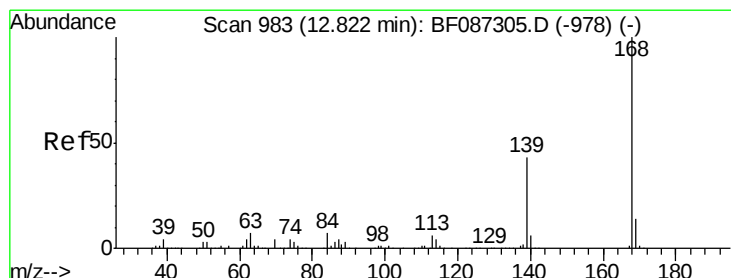
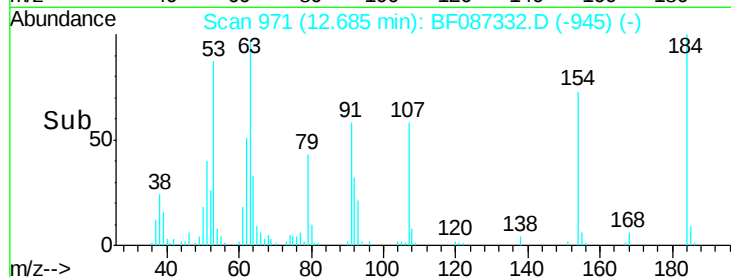
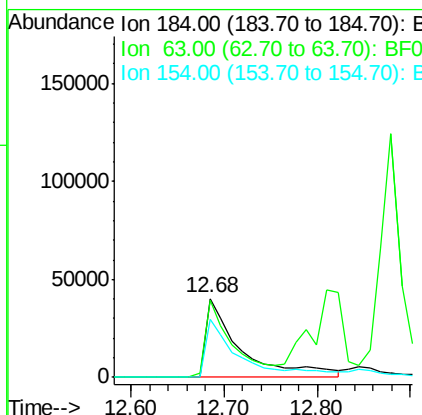
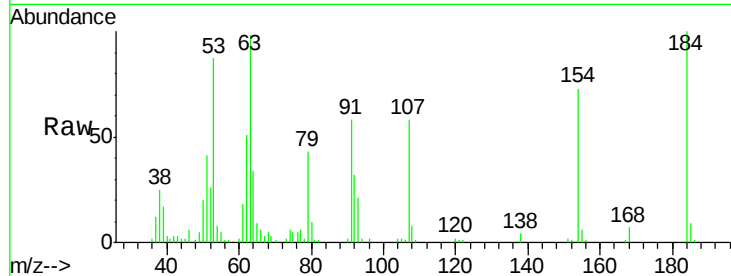
#53
2,4-Dinitrophenol
Concen: 49.25 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	104540		
63	98.2	55.8	83.8#	
154	73.3	62.4	93.6	

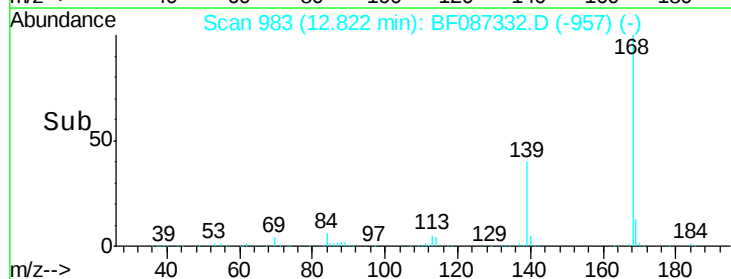
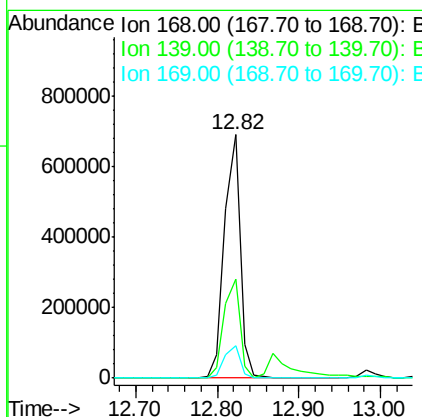
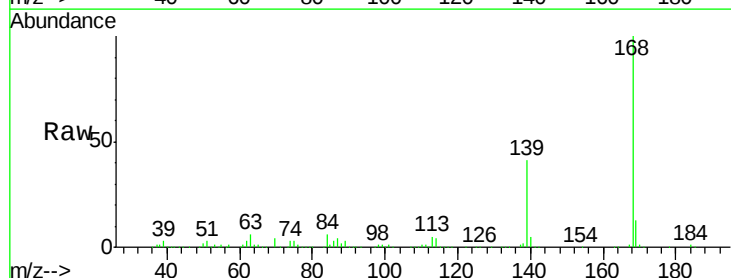
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#54
Dibenzofuran
Concen: 40.21 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	928598		
139	40.6	31.4	47.0	
169	13.1	10.7	16.1	





#55

4-Nitrophenol

Concen: 76.22 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

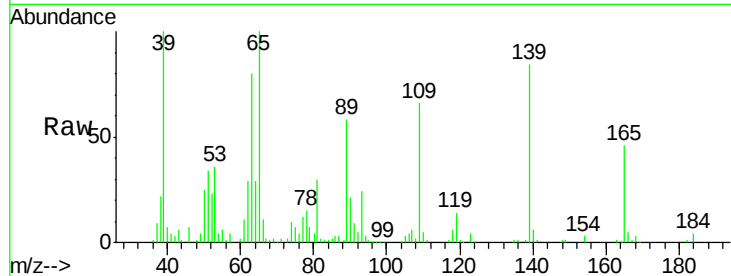
ClientSampleId :

SB-22-COMPMSD

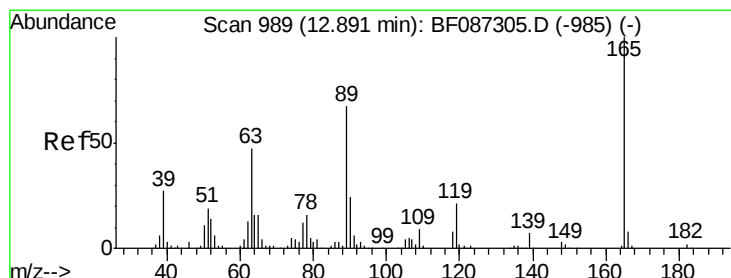
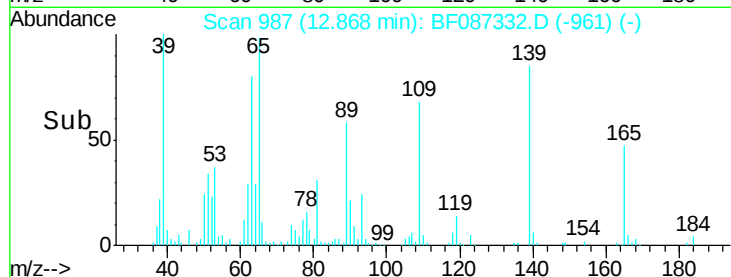
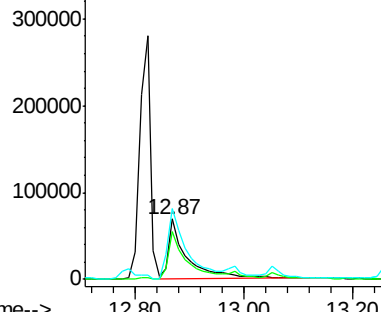
Tgt Ion:	139	Resp:	163901
Ion Ratio	Lower	Upper	
139	100		
109	79.1	36.9	76.9#
65	118.6	64.0	104.0#

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



#56

2,4-Dinitrotoluene

Concen: 37.91 ng

RT: 12.88 min Scan# 988

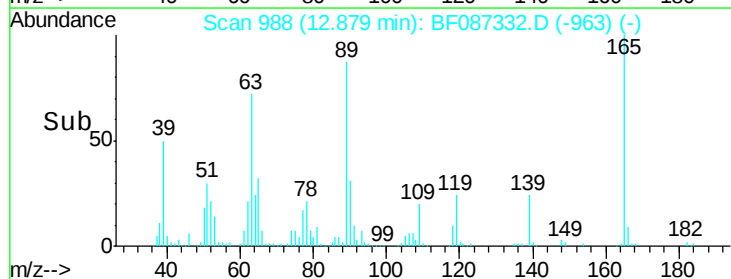
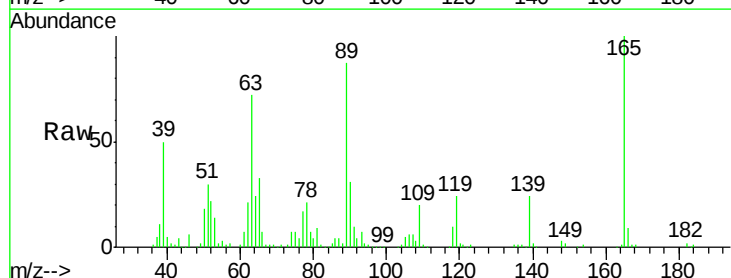
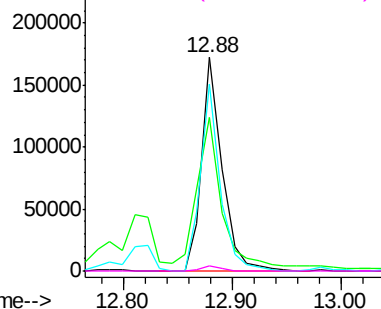
Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:	165	Resp:	222536
Ion Ratio	Lower	Upper	
165	100		
63	72.1	44.3	66.5#
89	87.3	70.0	105.0
182	2.3	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.22 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

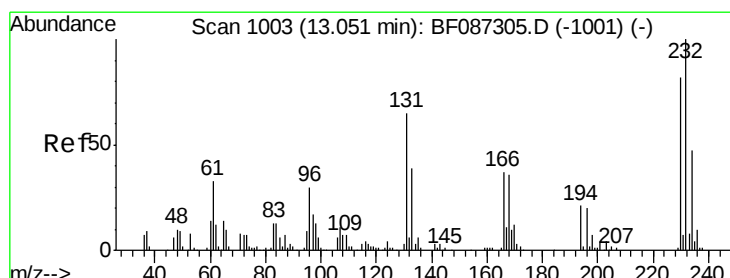
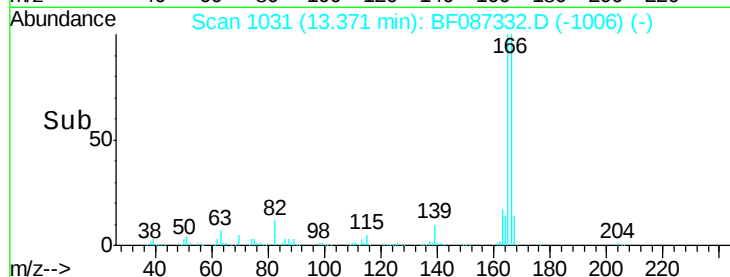
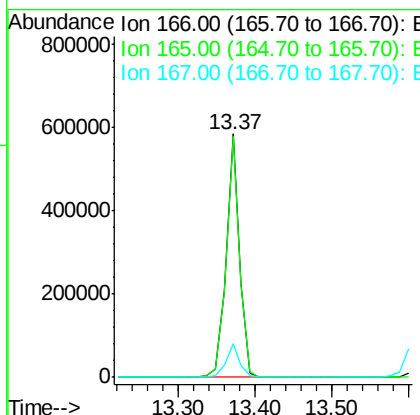
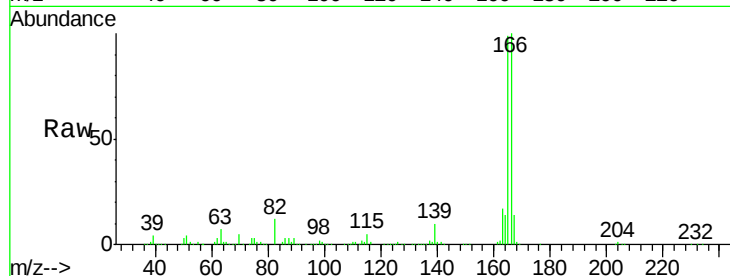
ClientSampleId :

SB-22-COMPMSD

Tgt Ion:	166	Resp:	725241
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.0	118.6
167	13.7	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.45 ng

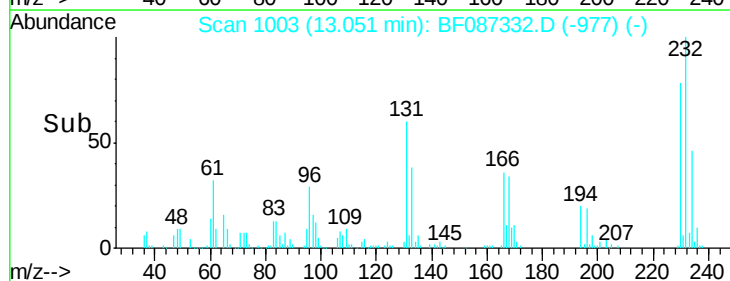
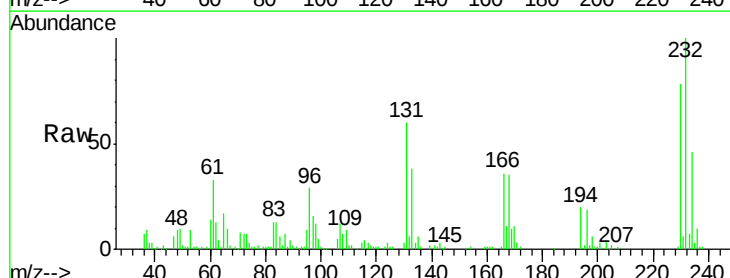
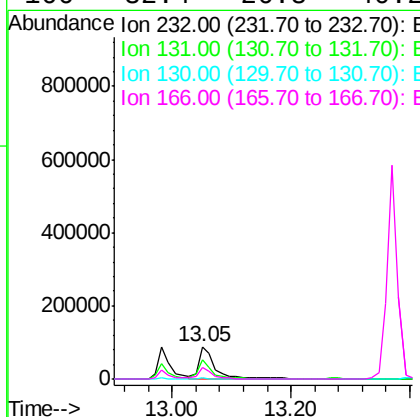
RT: 13.05 min Scan# 1003

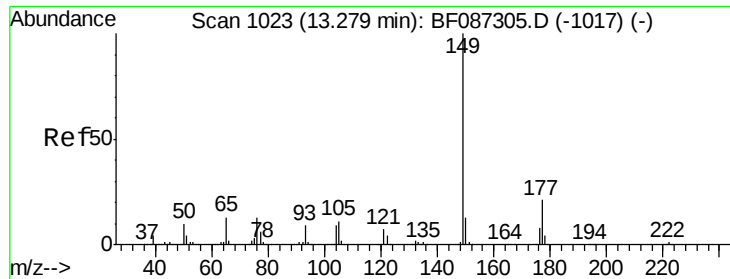
Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:	232	Resp:	167186
Ion Ratio	Lower	Upper	
232	100		
131	53.8	41.9	62.9
130	2.8	2.2	3.4
166	32.4	26.8	40.2





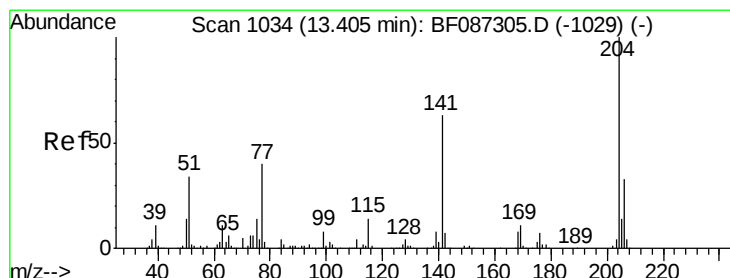
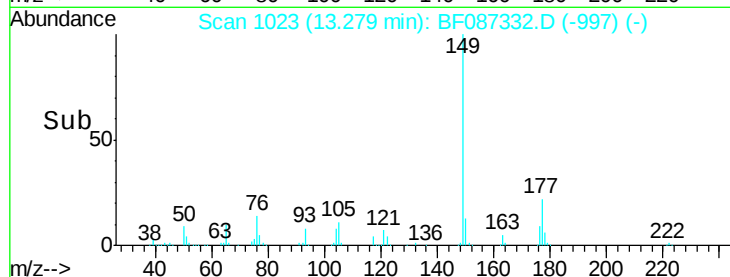
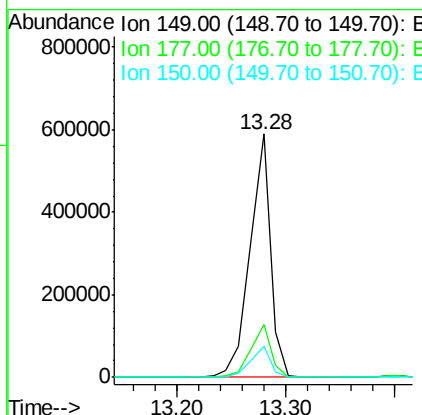
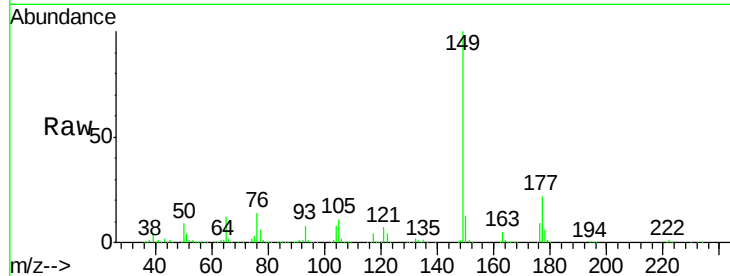
#59
Diethylphthalate
Concen: 36.89 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	781843		
177	22.0	16.6	24.8	
150	12.8	10.0	15.0	

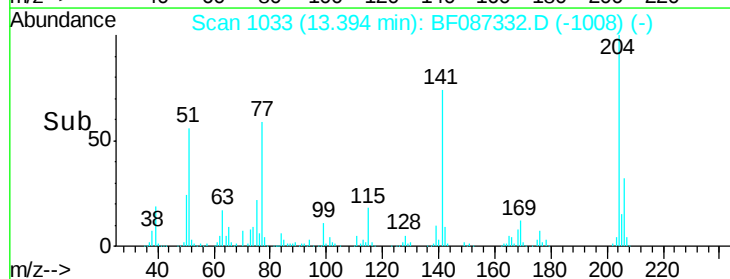
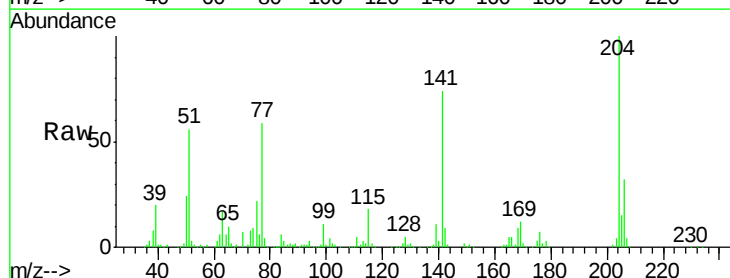
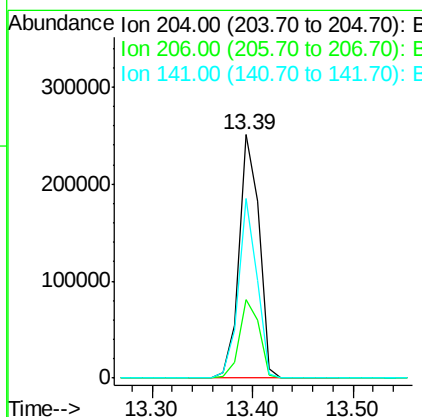
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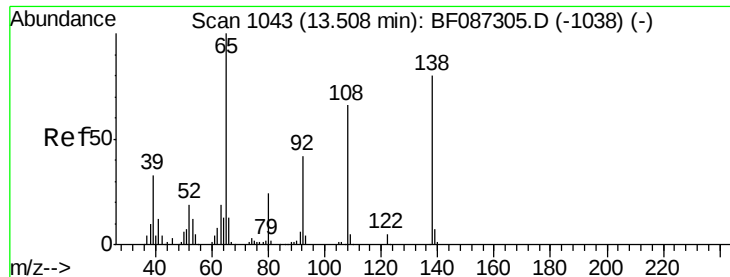
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#60
4-Chlorophenyl-phenylether
Concen: 35.57 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	347327		
206	32.2	25.4	38.0	
141	73.6	61.6	92.4	





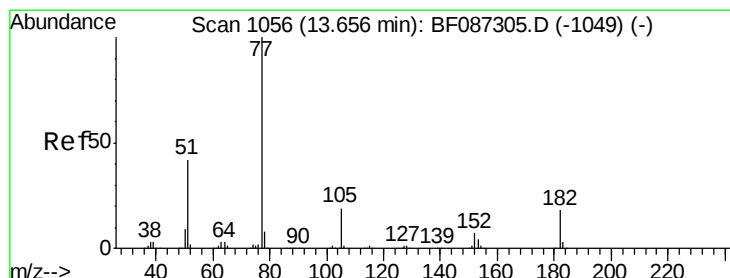
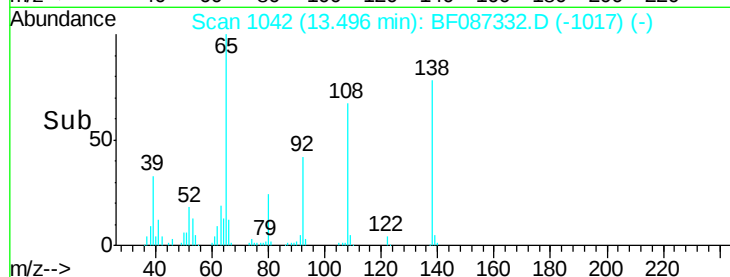
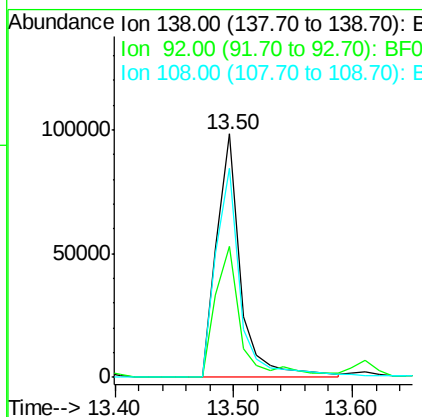
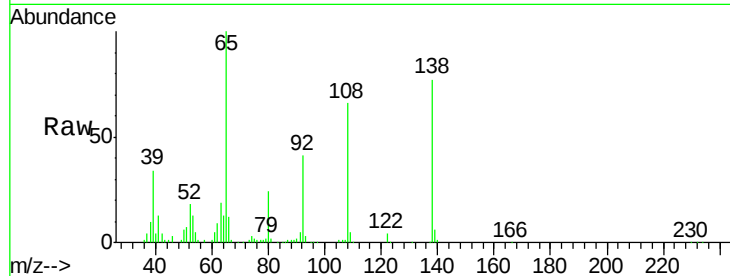
#61
4-Nitroaniline
Concen: 32.67 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	24.7	64.7
108	86.0	37.4	77.4

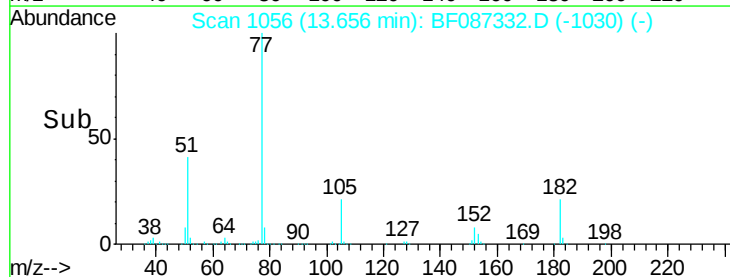
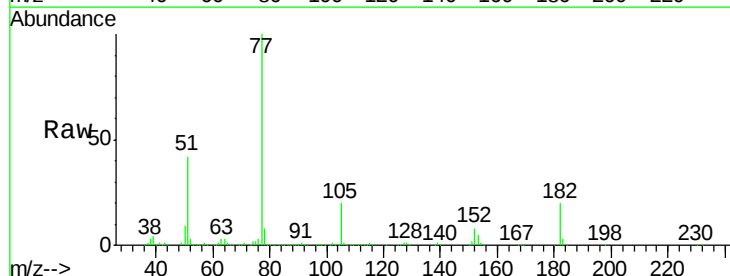
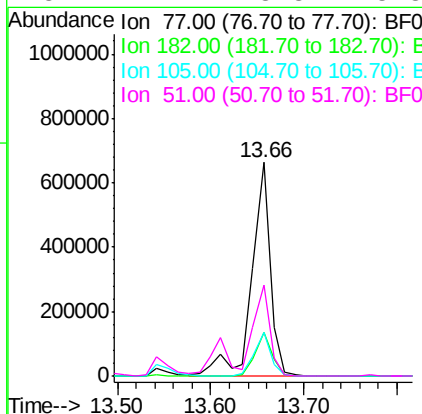
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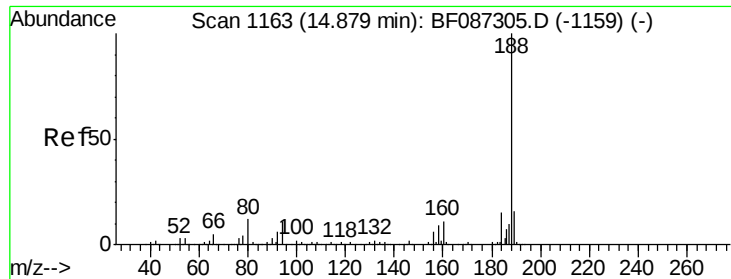
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#62
Azobenzene
Concen: 41.33 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	38.8
105	20.5	3.2	43.2
51	42.4	8.8	48.8





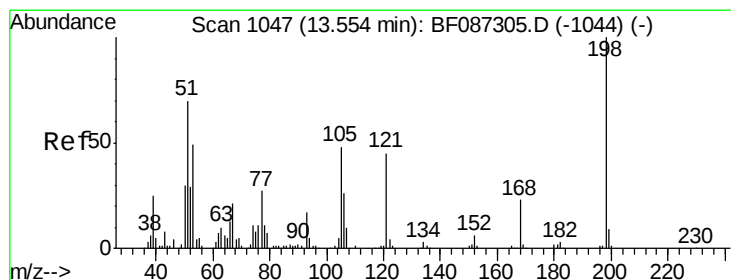
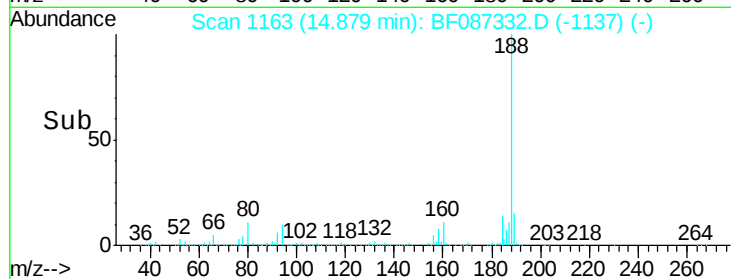
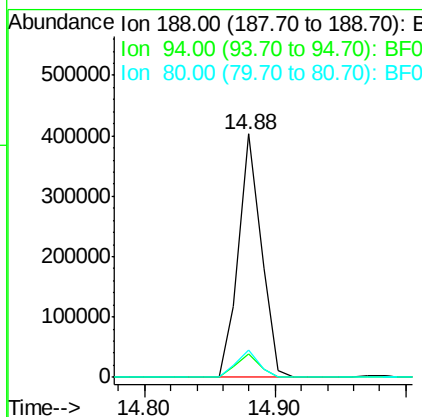
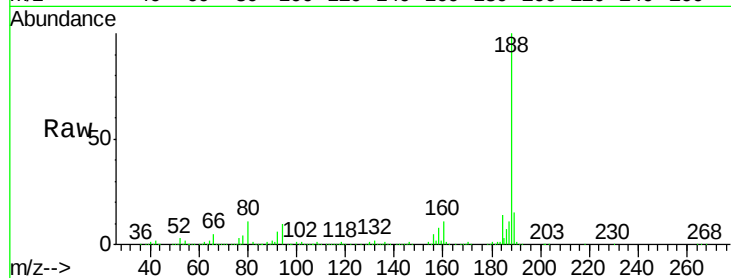
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	6.8	10.2
80	11.0	7.1	10.7

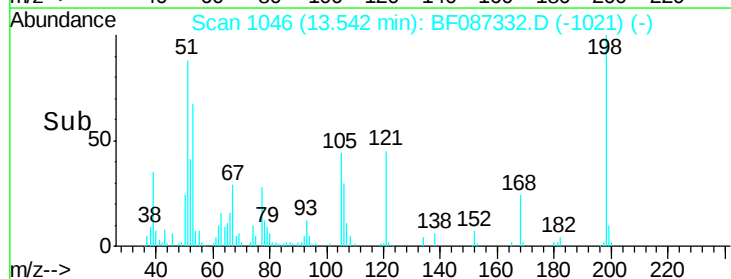
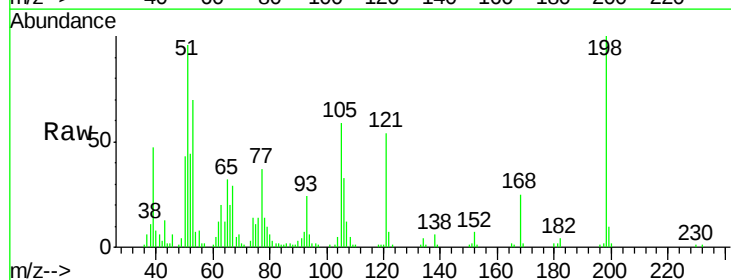
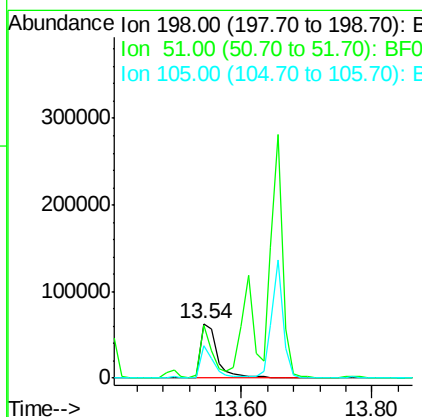
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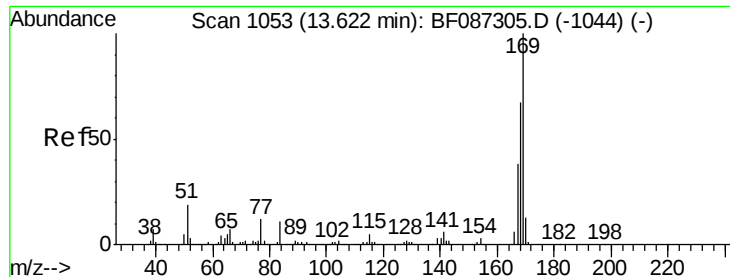
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.51 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	96.5	20.5	60.5
105	59.2	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 38.07 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMSD

Tgt Ion:169 Resp: 606872
Ion Ratio Lower Upper

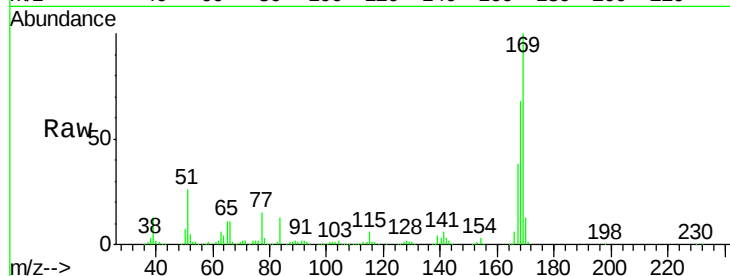
169 100

168 68.3 53.8 80.6

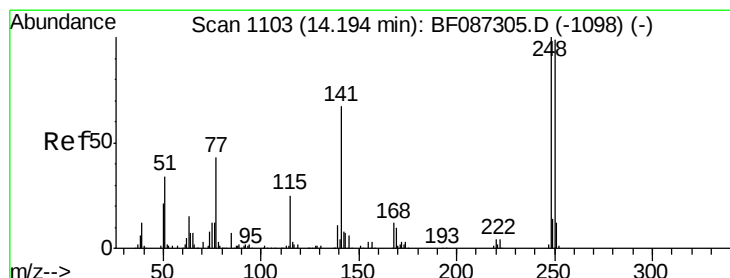
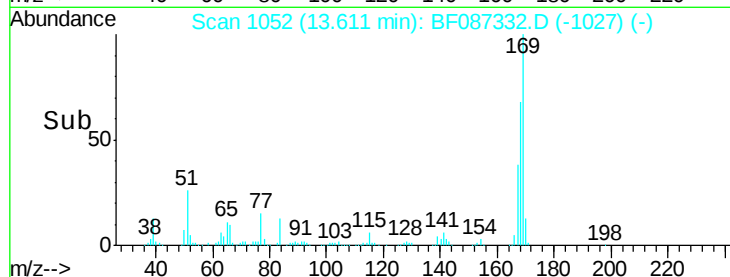
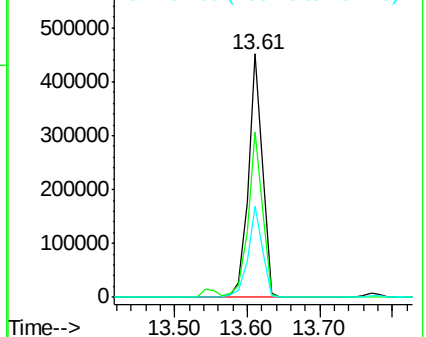
167 37.7 29.5 44.3

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



#66

4-Bromophenyl-phenylether

Concen: 36.60 ng

RT: 14.18 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF087332.D

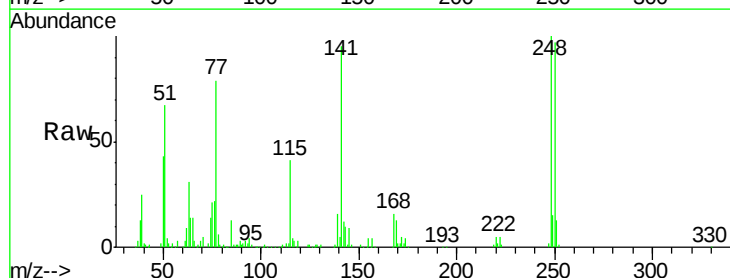
Acq: 24 May 2016 9:33

Tgt Ion:248 Resp: 197352
Ion Ratio Lower Upper

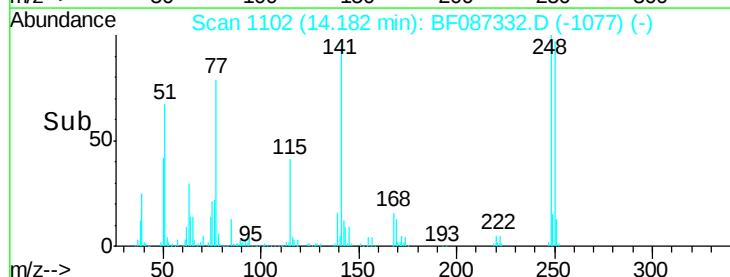
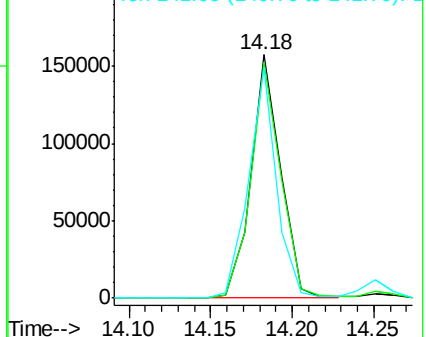
248 100

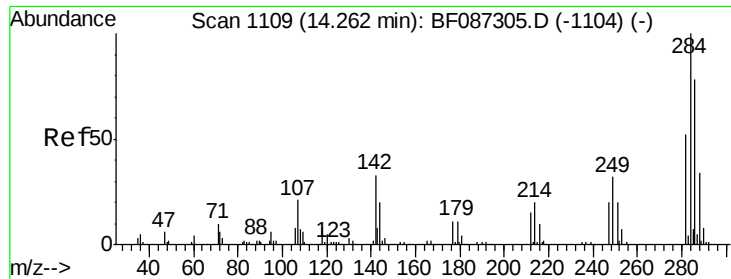
250 96.7 78.6 117.8

141 95.0 76.0 114.0



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





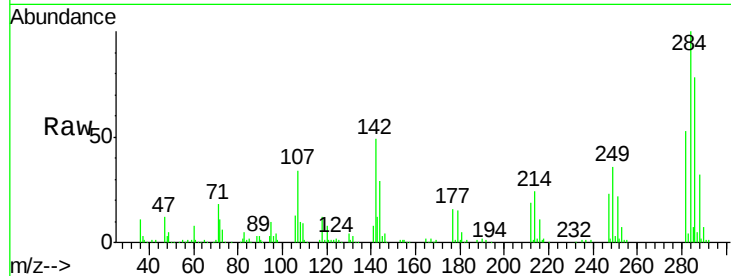
#67
 Hexachlorobenzene
 Concen: 35.84 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

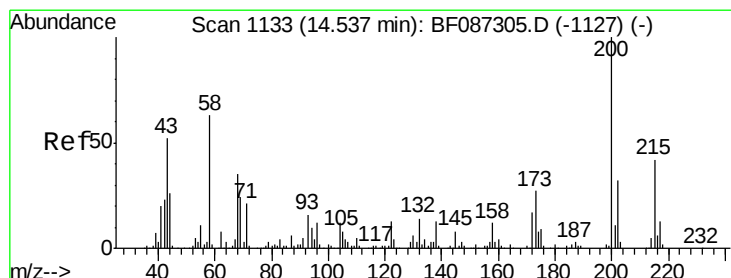
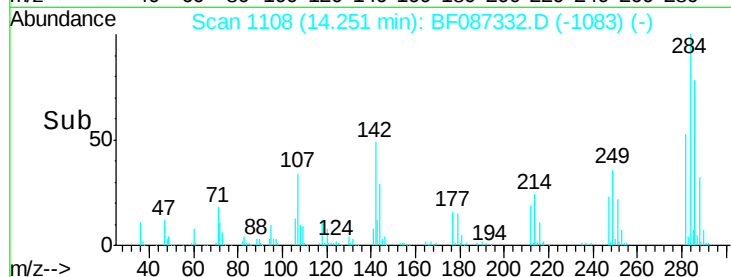
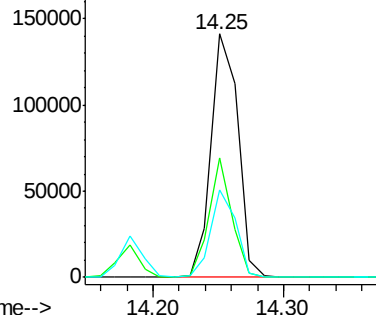
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	48.9	16.7	25.1#
249	36.1	21.3	31.9#

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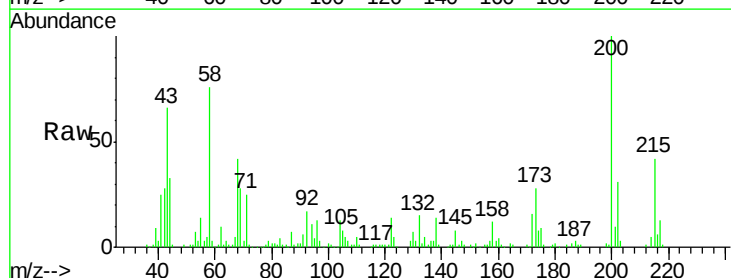


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

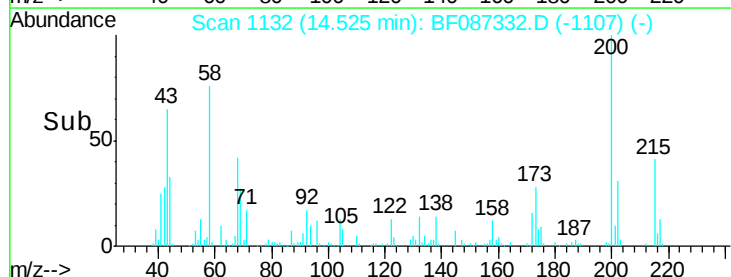
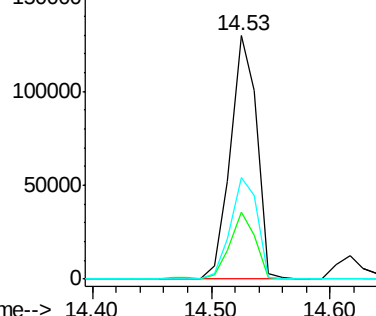


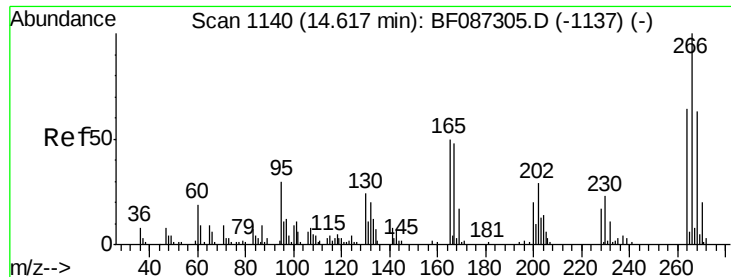
#68
 Atrazine
 Concen: 39.68 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	8.5	48.5
215	41.7	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E





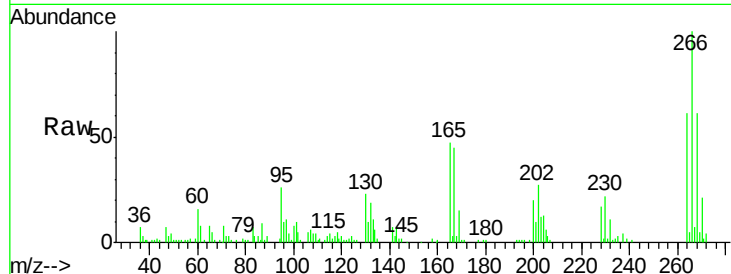
#69
 Pentachlorophenol
 Concen: 73.64 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

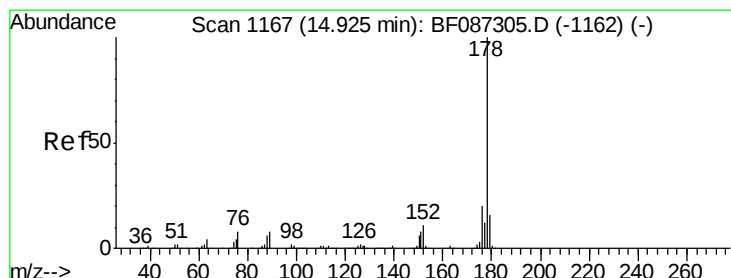
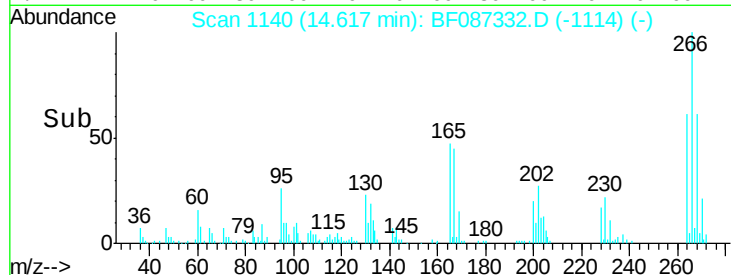
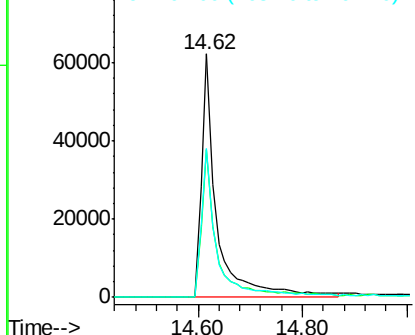
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	128149		
268	60.5	51.5	77.3	
264	61.4	52.9	79.3	

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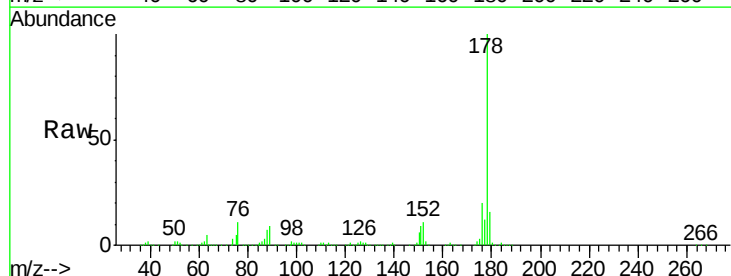


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

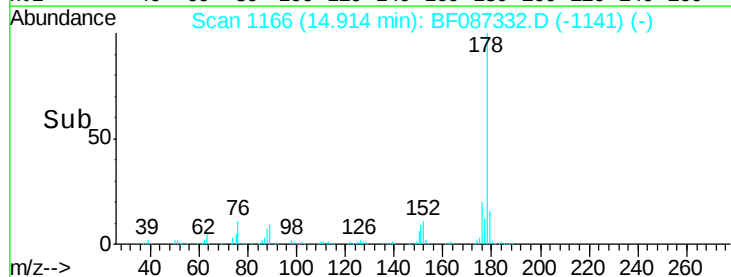
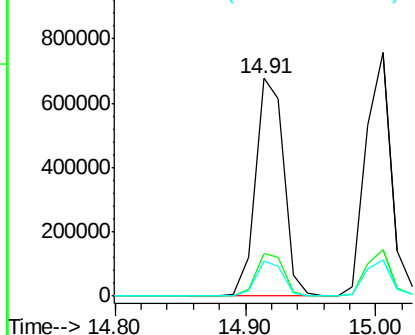


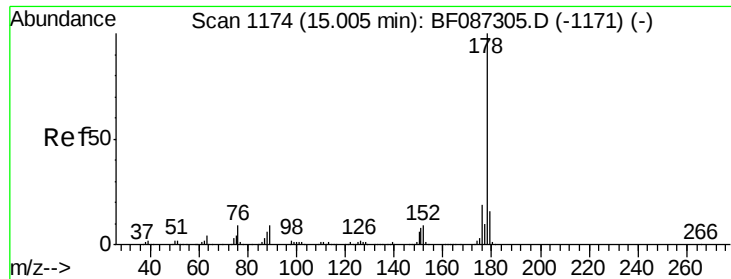
#70
 Phenanthrene
 Concen: 37.60 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1026450		
176	19.8	16.0	24.0	
179	15.8	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





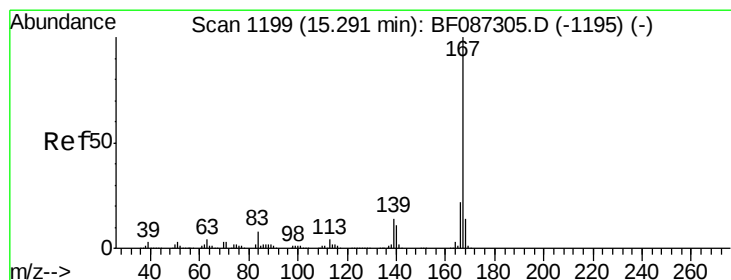
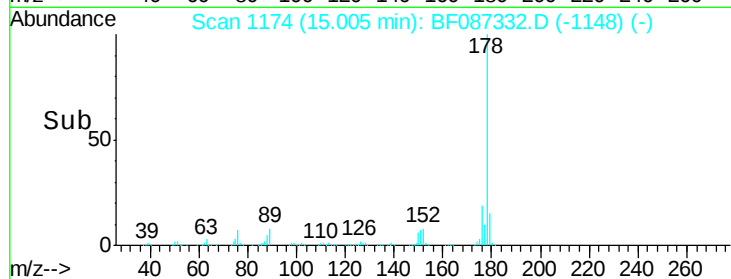
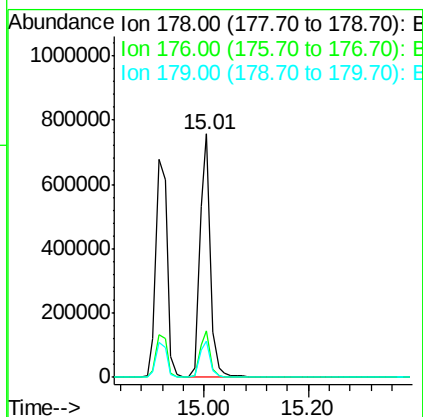
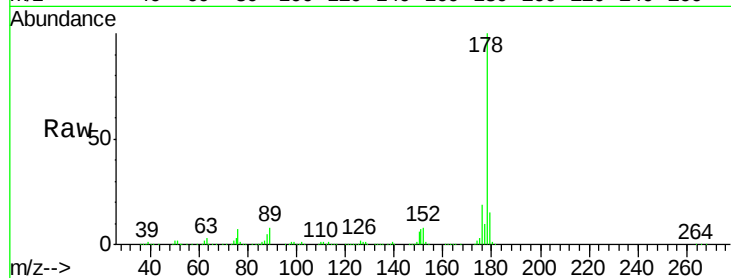
#71
 Anthracene
 Concen: 37.99 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.1	12.7	19.1

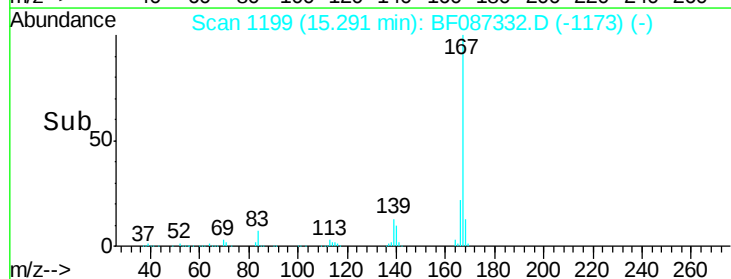
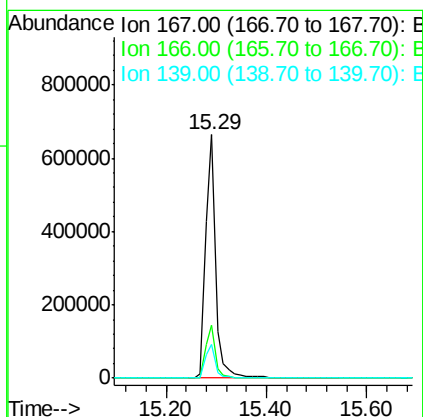
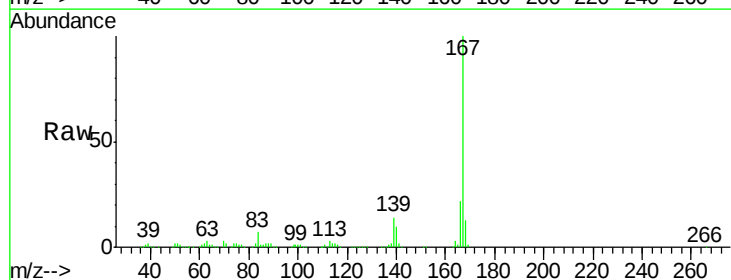
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#72
 Carbazole
 Concen: 39.30 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 37.85 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

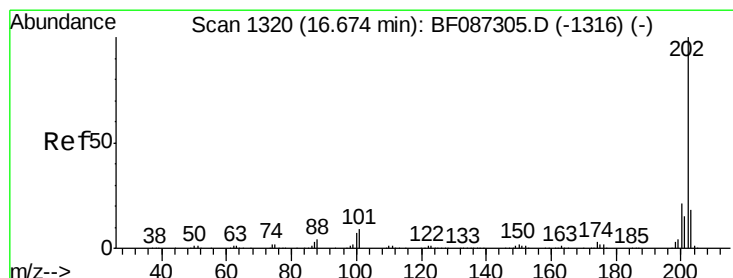
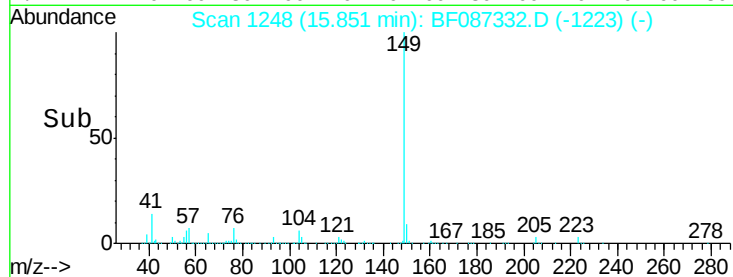
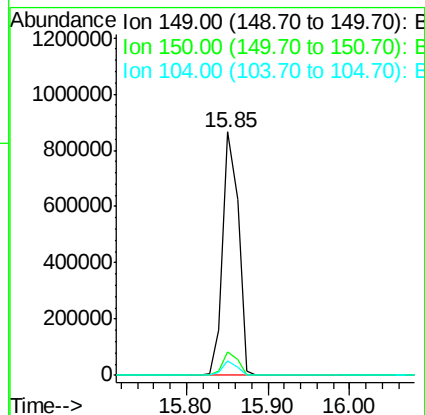
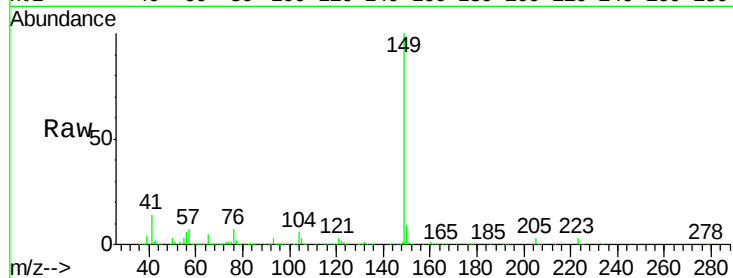
ClientSampleId :

SB-22-COMPMSD

Tgt Ion:	149	Resp:	1151571
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	6.2	3.8	5.6#

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#74

Fluoranthene

Concen: 35.76 ng

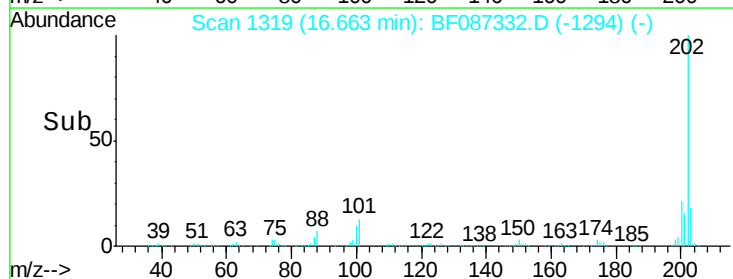
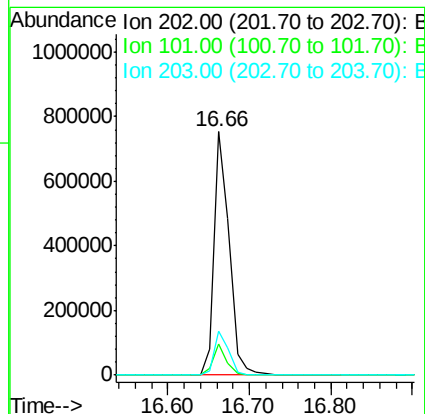
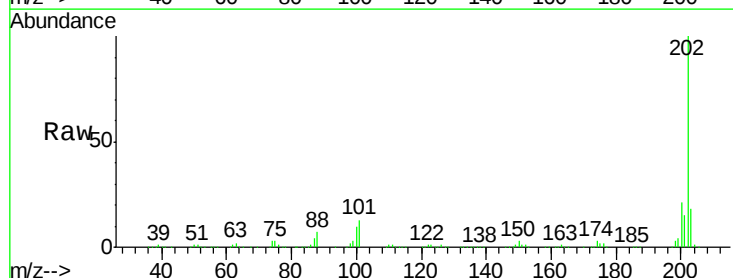
RT: 16.66 min Scan# 1319

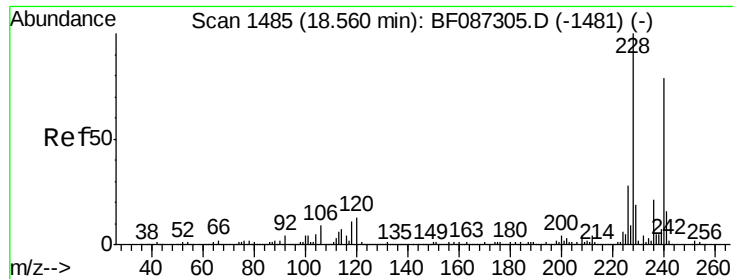
Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:	202	Resp:	978978
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

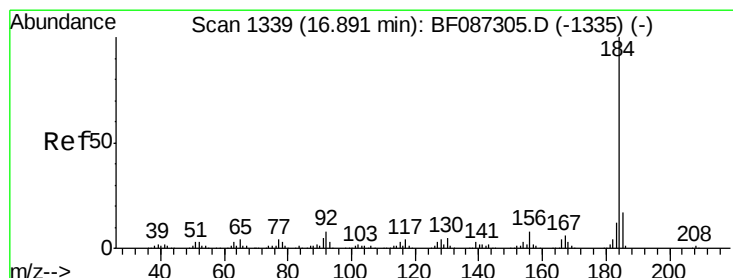
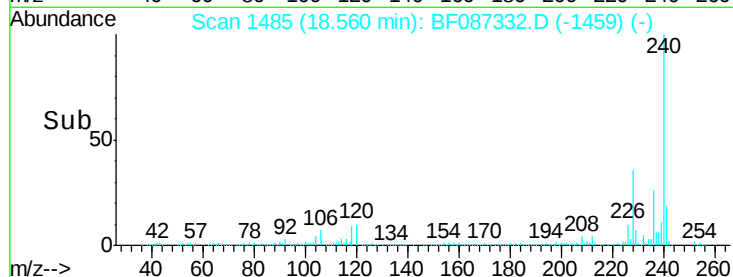
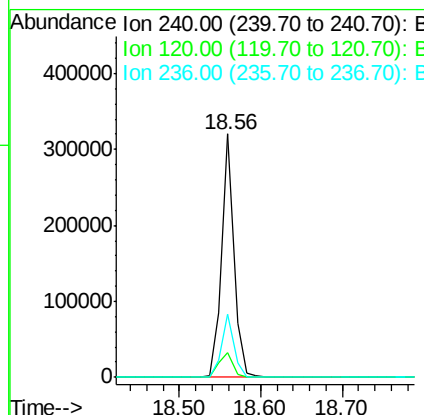
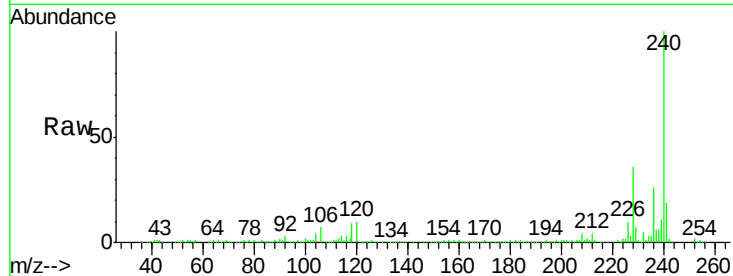
ClientSampleId :

SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	336672		
120	10.4	11.2	16.8#	
236	26.1	21.2	31.8	

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#76

Benzidine

Concen: 29.58 ng

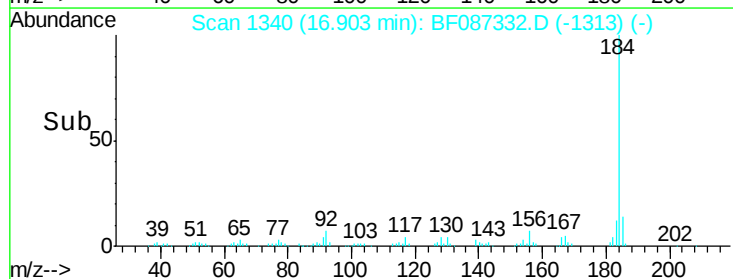
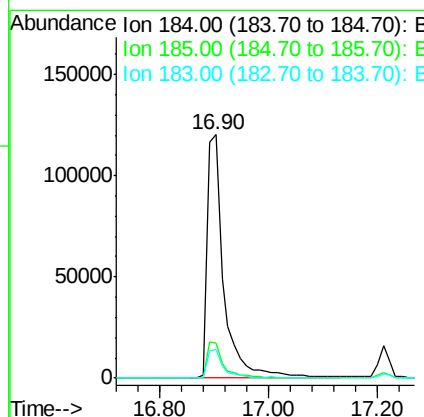
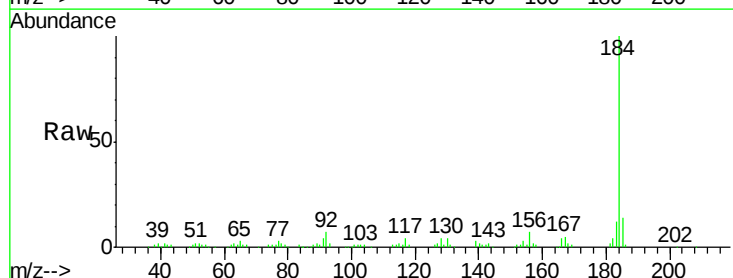
RT: 16.90 min Scan# 1340

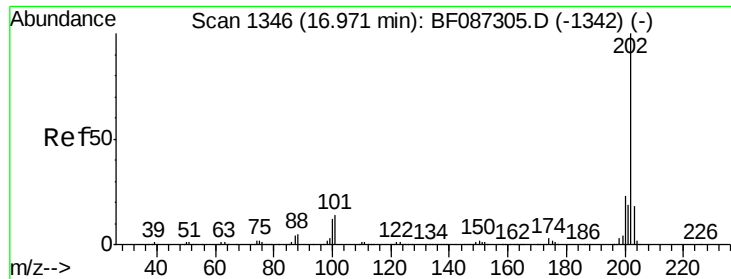
Delta R.T. 0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	256268		
185	14.1	13.6	20.4	
183	11.6	9.8	14.6	





#77

Pyrene

Concen: 41.31 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087332.D

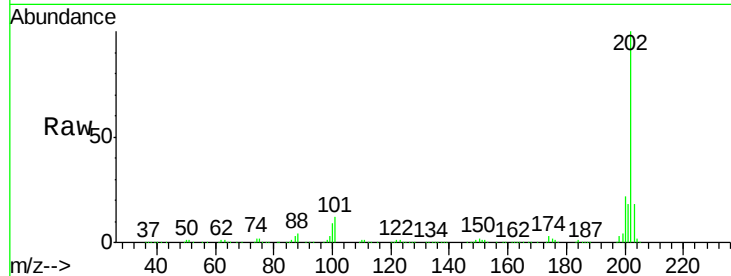
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

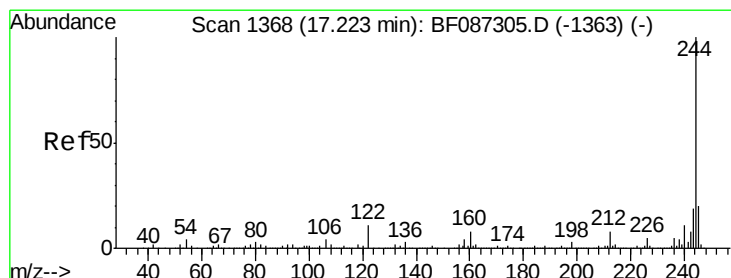
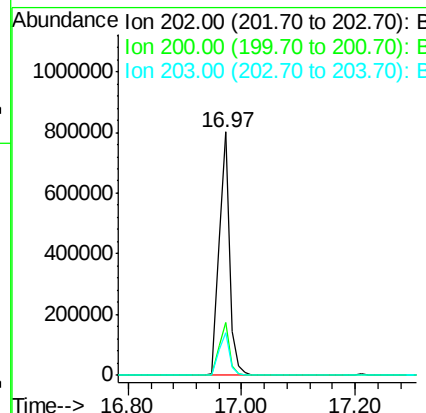
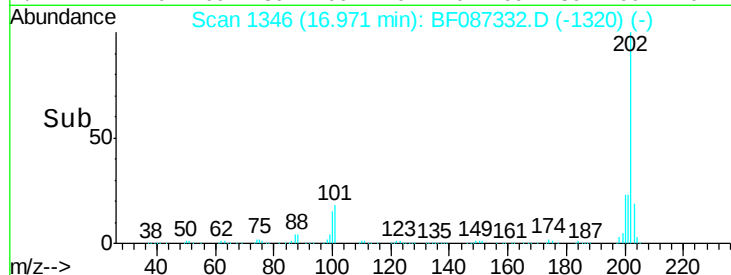
SB-22-COMPMSD



Tgt Ion:	202	Resp:	1001194
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.8	14.2	21.4

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#78

Terphenyl-d14

Concen: 79.06 ng

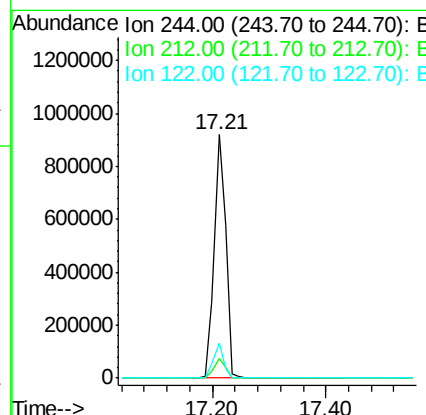
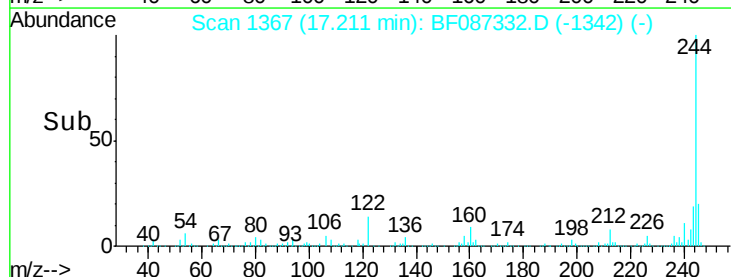
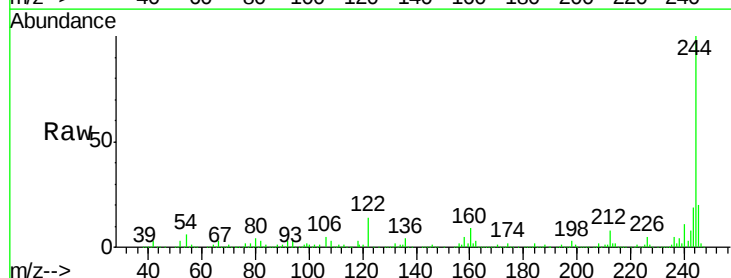
RT: 17.21 min Scan# 1367

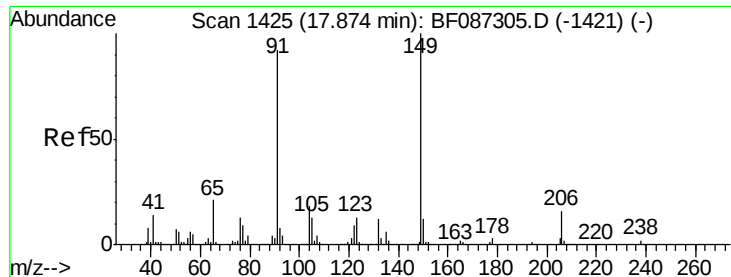
Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:	244	Resp:	1251919
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.2	12.0	18.0





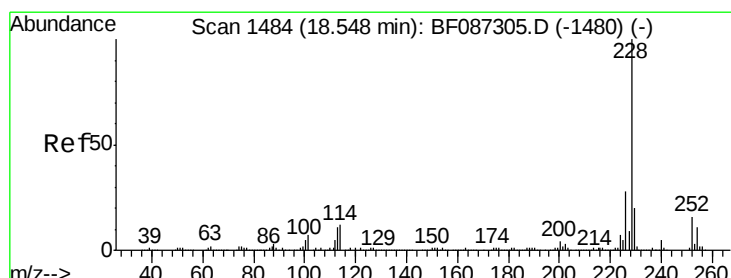
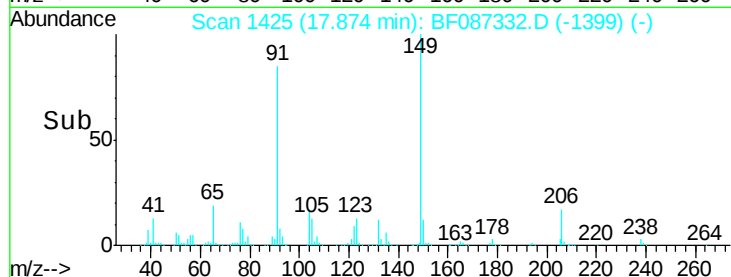
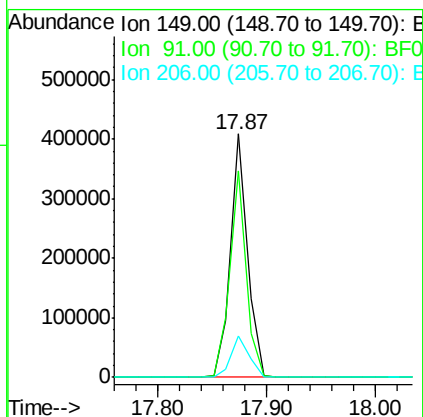
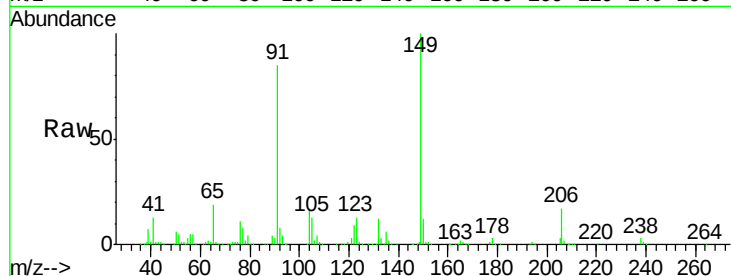
#79
Butylbenzylphthalate
Concen: 41.03 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	440966		
91	84.7	48.0	72.0#	
206	17.2	15.8	23.6	

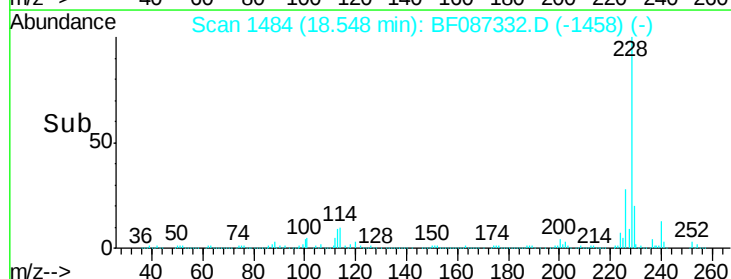
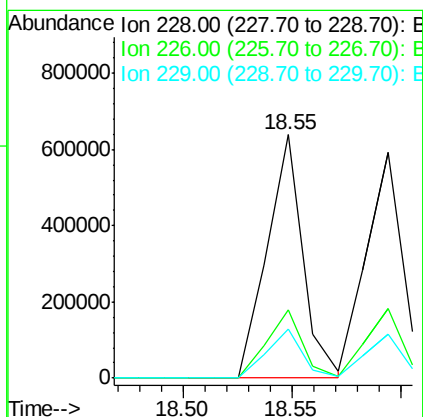
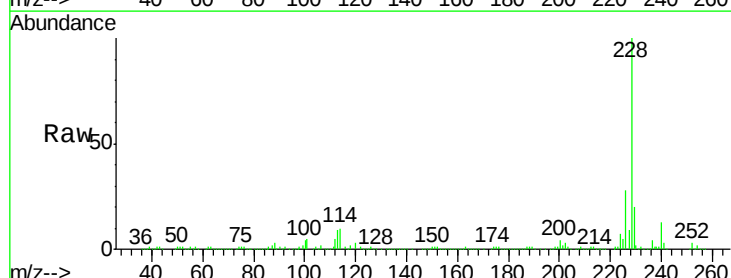
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#80
Benzo(a)anthracene
Concen: 38.38 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087332.D
Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	734988		
226	28.3	22.5	33.7	
229	20.2	16.6	25.0	





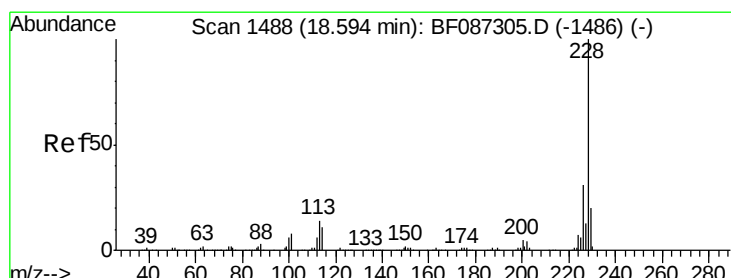
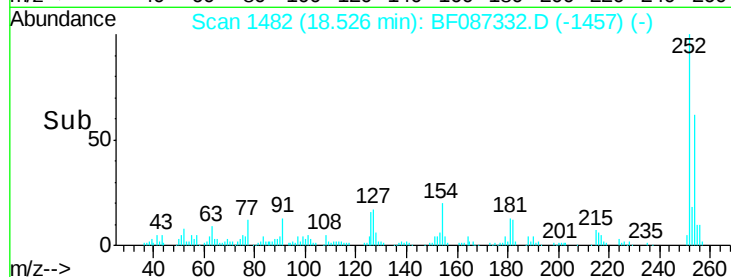
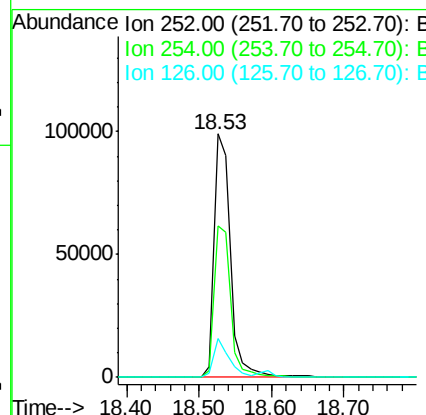
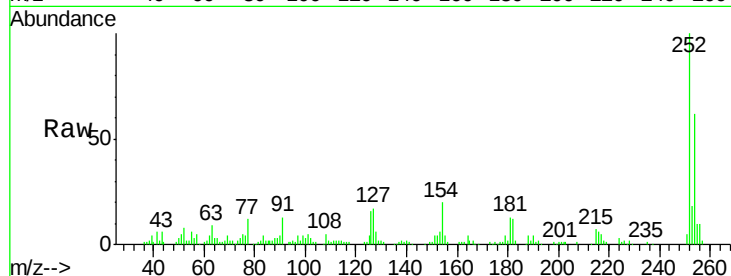
#81
 3,3'-Dichlorobenzidine
 Concen: 14.70 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.2	50.7	76.1
126	15.9	12.7	19.1

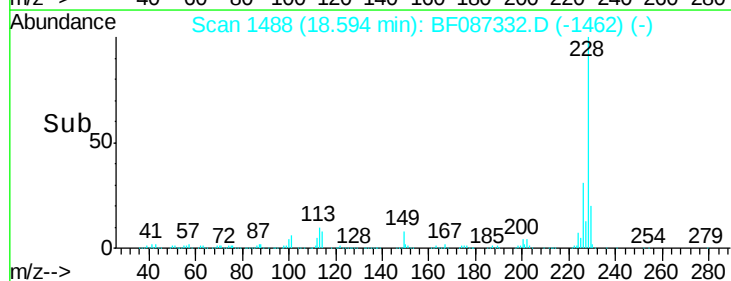
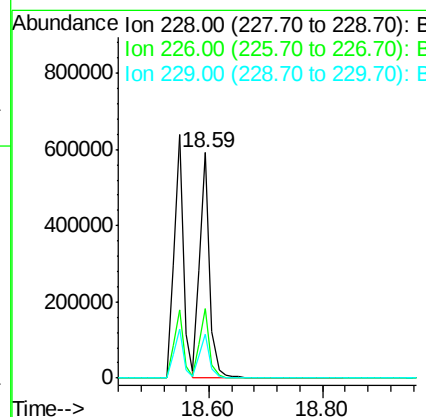
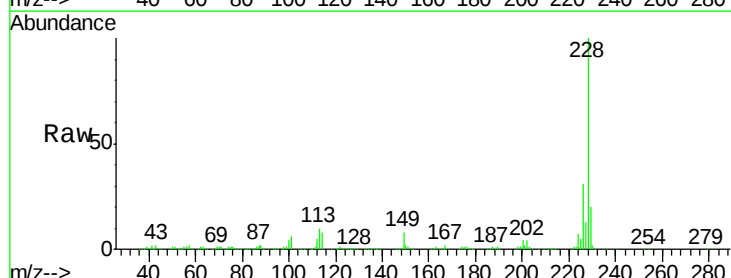
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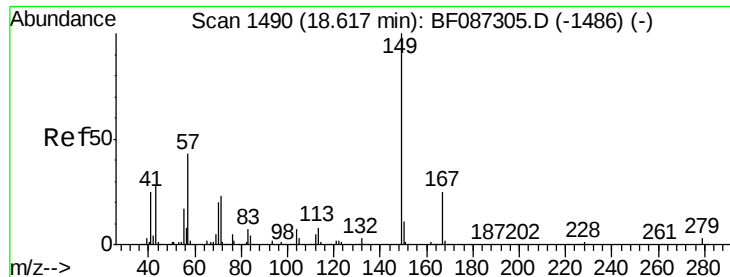
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#82
 Chrysene
 Concen: 37.73 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	24.4	36.6
229	19.5	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.64 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF087332.D

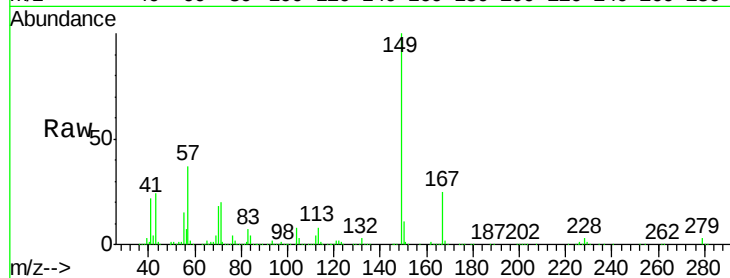
Acq: 24 May 2016 9:33

Instrument :

BNA_F

ClientSampleId :

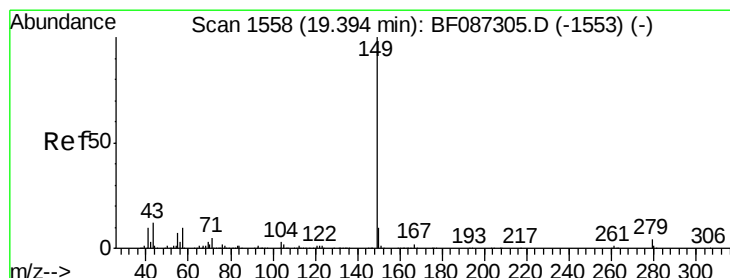
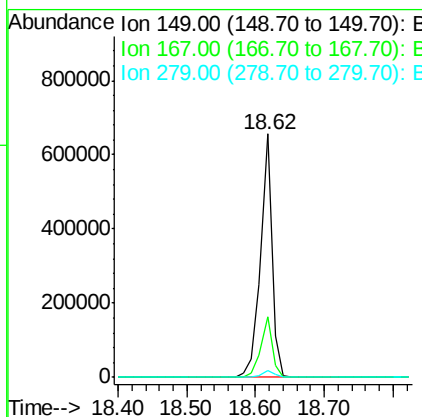
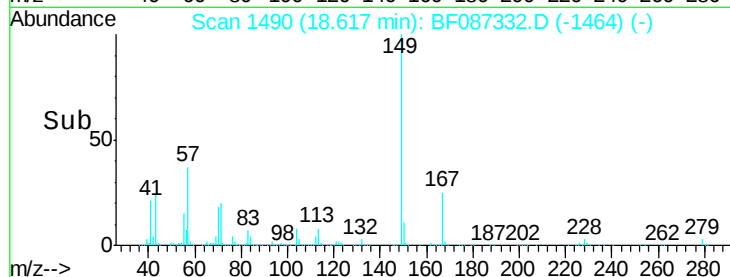
SB-22-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	747140		
167	25.0	21.8	32.6	
279	2.7	2.6	4.0	

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#84

Di-n-octyl phthalate

Concen: 40.32 ng

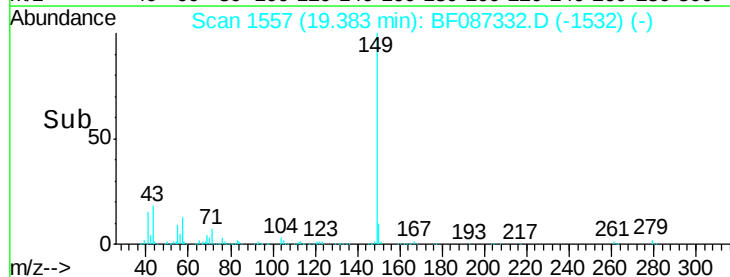
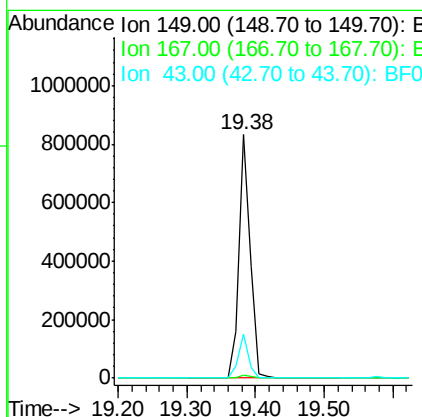
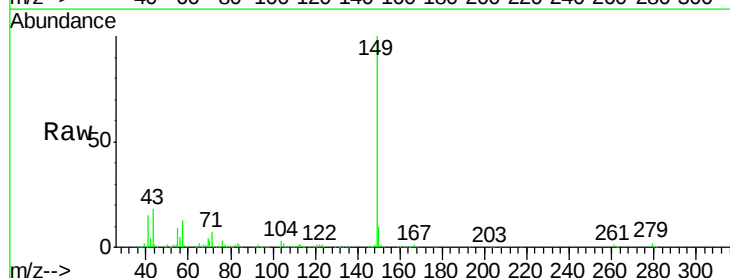
RT: 19.38 min Scan# 1557

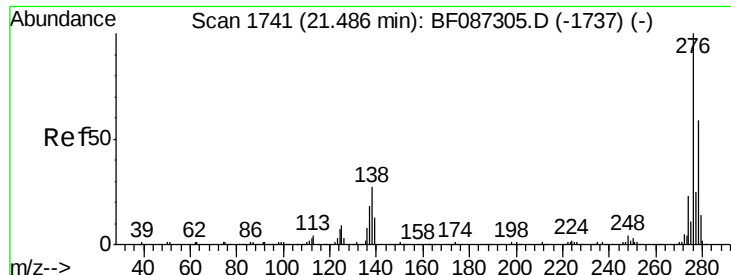
Delta R.T. -0.01 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	964247		
167	1.6	1.2	1.8	
43	16.6	8.2	12.4#	





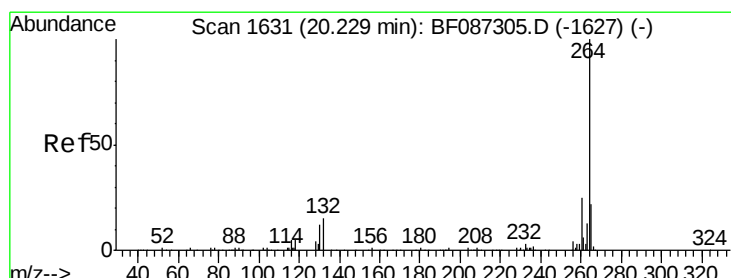
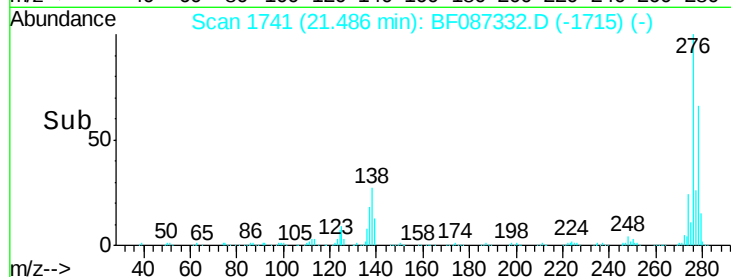
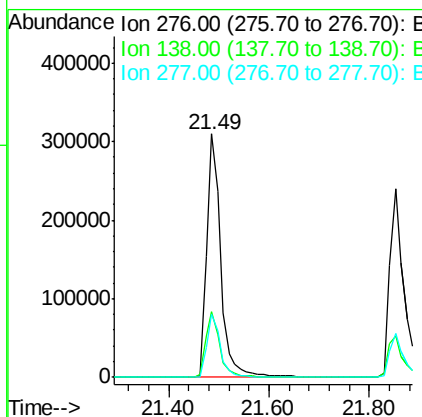
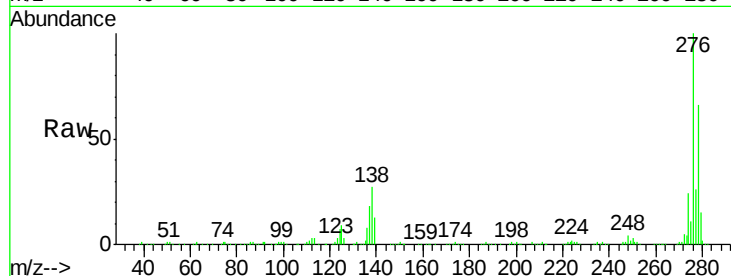
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.63 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt	Ion	276	Resp:	603730
Ion	Ratio	Lower	Upper	
276	100			
138	27.4	25.6	38.4	
277	25.4	20.5	30.7	

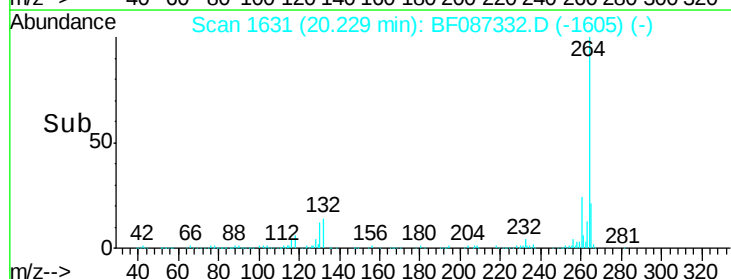
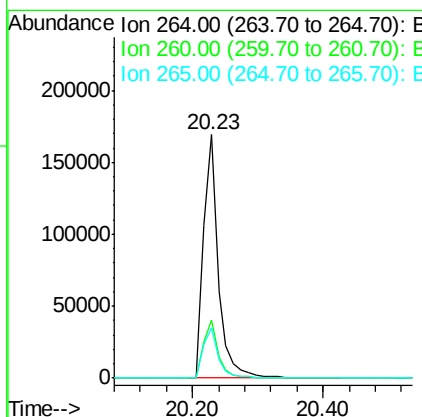
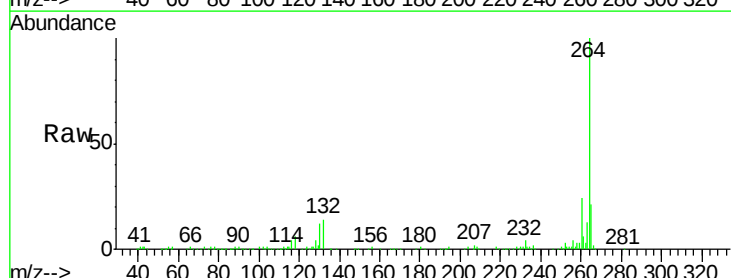
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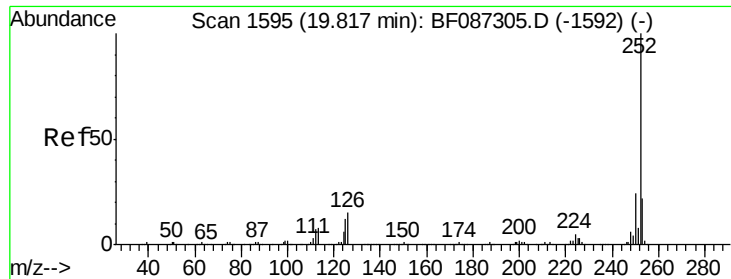
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Tgt	Ion	264	Resp:	263289
Ion	Ratio	Lower	Upper	
264	100			
260	23.6	19.5	29.3	
265	20.8	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 34.06 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

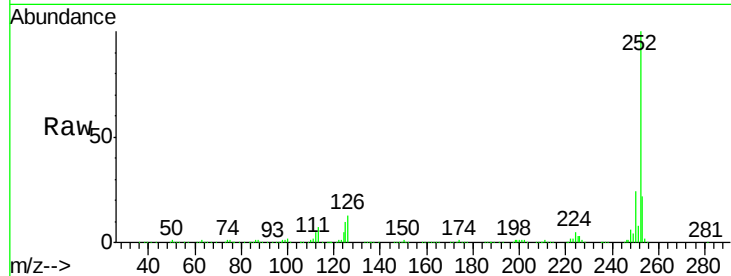
ClientSampleId :

SB-22-COMPMSD

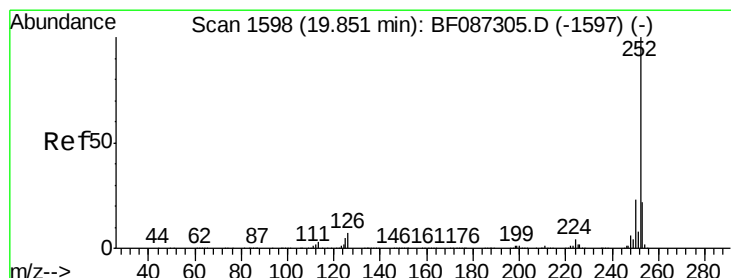
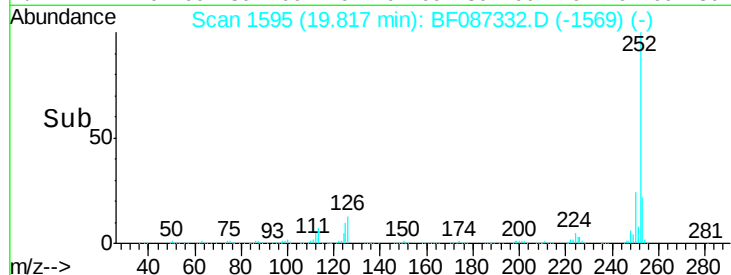
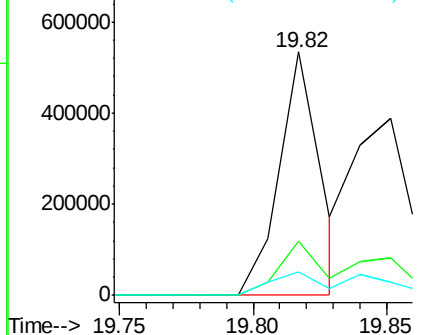
Tgt Ion:	252	Resp:	571228
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.8	11.4	17.0#

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



#88

Benzo(k)fluoranthene

Concen: 42.62 ng m

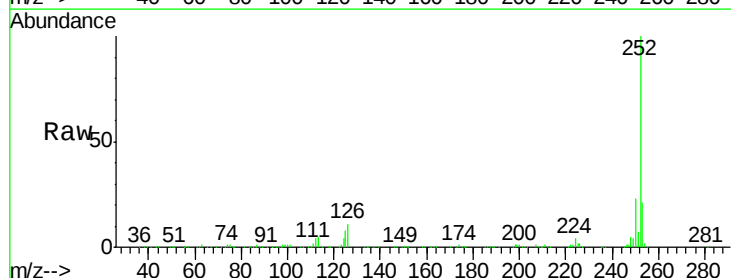
RT: 19.85 min Scan# 1598

Delta R.T. 0.00 min

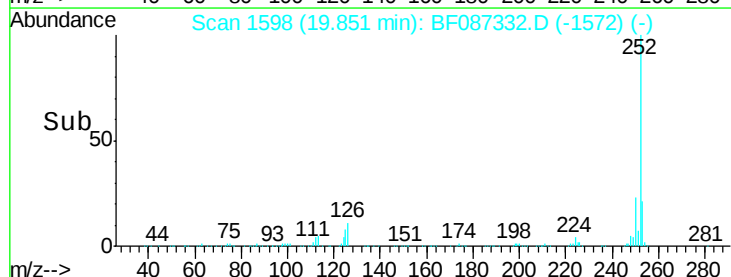
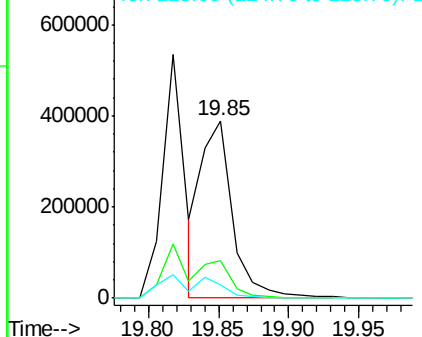
Lab File: BF087332.D

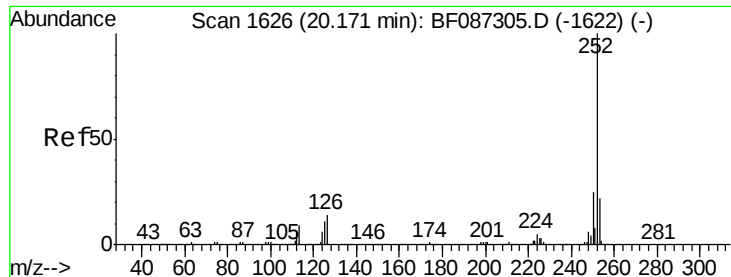
Acq: 24 May 2016 9:33

Tgt Ion:	252	Resp:	615222
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.8	26.6
125	7.8	9.1	13.7#



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





#89

Benzo(a)pyrene

Concen: 39.37 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Instrument :

BNA_F

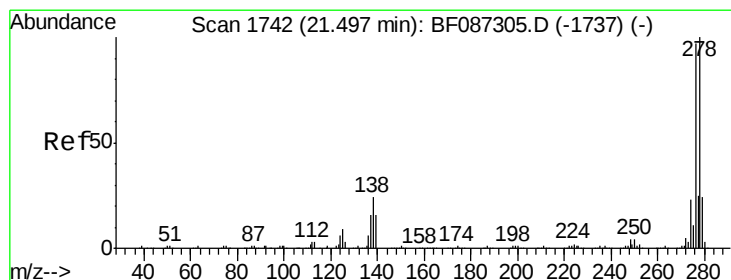
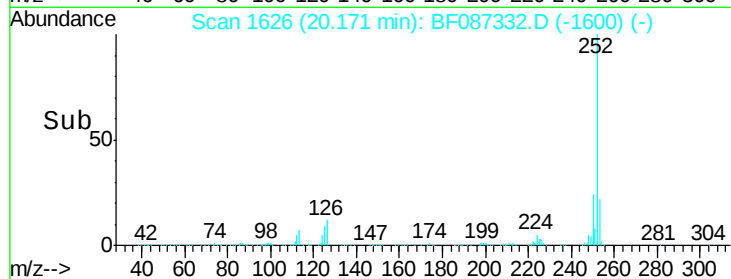
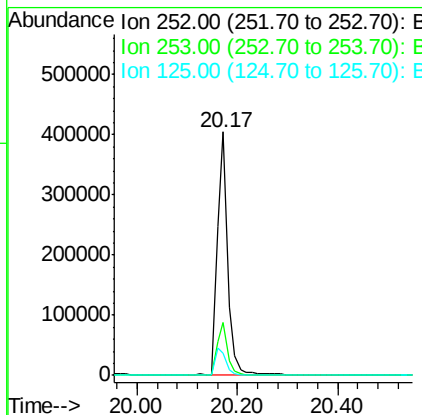
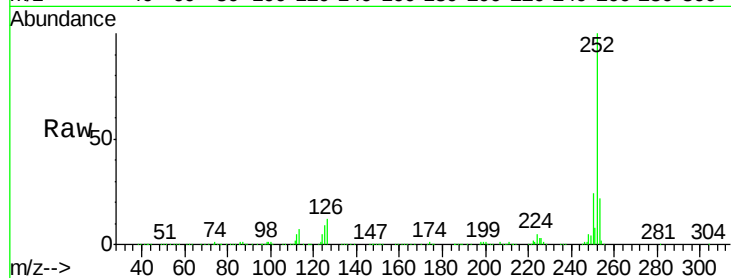
ClientSampleId :

SB-22-COMPMSD

Tgt Ion:	252	Resp:	571125
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	9.3	9.0	13.6

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#90

Dibenzo(a,h)anthracene

Concen: 41.32 ng

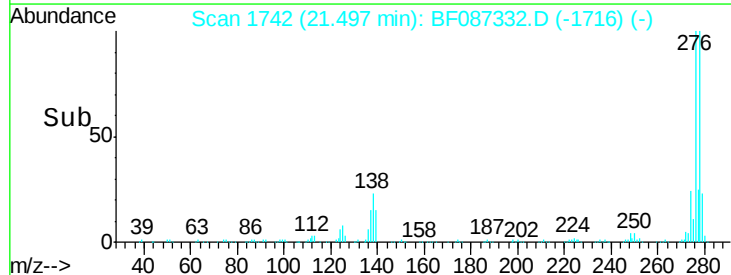
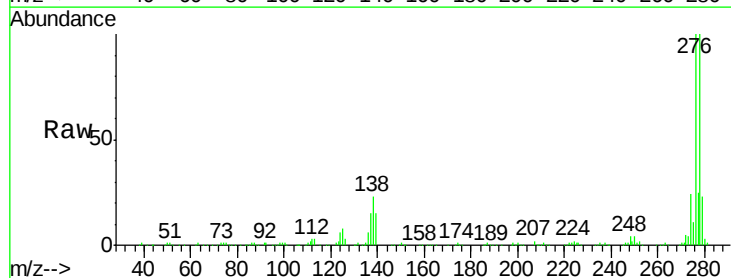
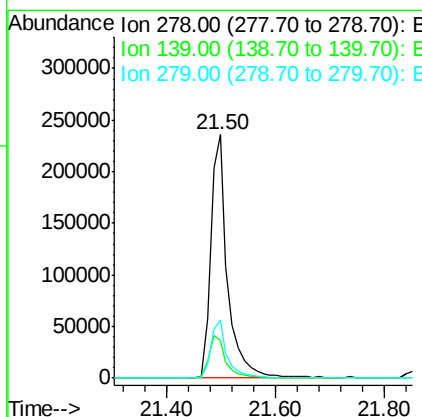
RT: 21.50 min Scan# 1742

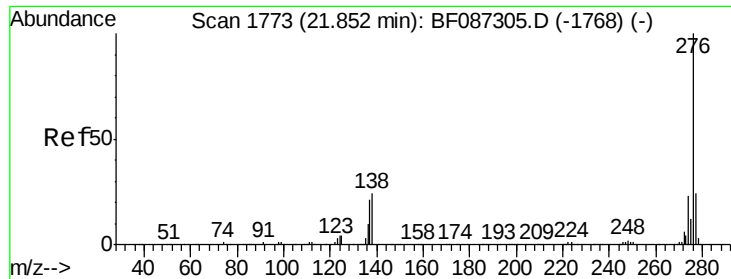
Delta R.T. 0.00 min

Lab File: BF087332.D

Acq: 24 May 2016 9:33

Tgt Ion:	278	Resp:	511225
Ion Ratio	Lower	Upper	
278	100		
139	15.2	16.6	24.8#
279	23.6	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 41.71 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087332.D
 Acq: 24 May 2016 9:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	19.6	29.4
138	22.1	23.6	35.4

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