

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085548.D
 Acq On : 19 Mar 2016 2:26
 Operator : UM/SJ
 Sample : PB88949BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Manual Integrations
 APPROVED

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 3/21/2016 5:07:54 PM

Quant Time: Mar 19 03:46:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124095	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	496573	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	234660	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	440338	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	377371	20.00	ng	0.00
86) Perylene-d12	15.44	264	299366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	890193	120.49	ng	0.01
7) Phenol-d6	6.49	99	1166407	123.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	698871	81.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	304365	132.41	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1266919	94.85	ng	-0.01
78) Terphenyl-d14	12.96	244	1190722	75.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	123902	34.50	ng	99
3) Pyridine	3.28	79	332957	37.76	ng	99
4) n-Nitrosodimethylamine	3.22	42	149507	40.61	ng	98
6) Aniline	6.52	93	318556	25.03	ng	99
8) 2-Chlorophenol	6.64	128	363450	42.52	ng	98
9) Benzaldehyde	6.40	77	61097	10.67	ng	93
10) Phenol	6.50	94	501025	46.42	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	355325	43.67	ng	95
12) 1,3-Dichlorobenzene	6.79	146	358778m	38.52	ng	
13) 1,4-Dichlorobenzene	6.87	146	373080	39.27	ng	98
14) 1,2-Dichlorobenzene	7.03	146	343056	40.67	ng	96
15) Benzyl Alcohol	7.00	79	272617	42.00	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	423922	39.62	ng	100
17) 2-Methylphenol	7.11	107	287976	40.65	ng	100
18) Hexachloroethane	7.36	117	136965	39.93	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	216259	38.21	ng	93
20) 3+4-Methylphenols	7.27	107	357042	43.51	ng	92
22) Acetophenone	7.27	105	453301	38.47	ng	# 95
24) Nitrobenzene	7.44	77	404121	43.16	ng	91
25) Isophorone	7.68	82	690548	40.32	ng	97
26) 2-Nitrophenol	7.76	139	197894	42.76	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	329842	40.30	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	408110	41.89	ng	98
29) 2,4-Dichlorophenol	8.00	162	296118	43.82	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	304067	40.17	ng	97
31) Naphthalene	8.16	128	989014	39.46	ng	100
32) Benzoic acid	7.92	122	223862	32.71	ng	99
33) 4-Chloroaniline	8.21	127	139974	13.62	ng	# 93
34) Hexachlorobutadiene	8.28	225	154127	38.20	ng	98
35) Caprolactam	8.58	113	99338m	42.72	ng	
36) 4-Chloro-3-methylphenol	8.70	107	330073	41.82	ng	99
37) 2-Methylnaphthalene	8.86	142	689011	45.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	254602	35.77	ng	98
40) Hexachlorocyclopentadiene	9.01	237	297272	92.66	ng	99

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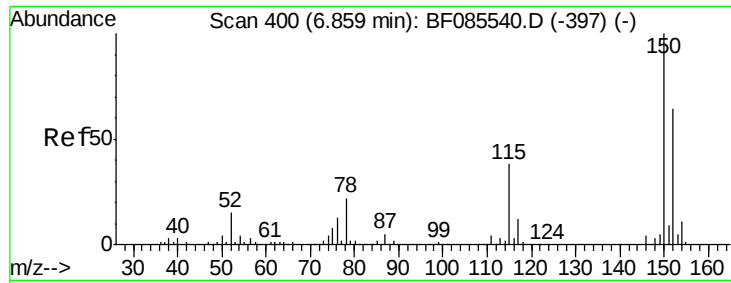
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	208698	42.83	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	211616	42.67	ng	96
45) 1,1'-Biphenyl	9.32	154	735805	36.35	ng	98
46) 2-Chloronaphthalene	9.34	162	569926	38.54	ng	92
47) 2-Nitroaniline	9.44	65	200966	44.93	ng	# 84
48) Acenaphthylene	9.76	152	1014000	42.37	ng	99
49) Dimethylphthalate	9.62	163	754161	42.59	ng	99
50) 2,6-Dinitrotoluene	9.68	165	159545	42.68	ng	87
51) Acenaphthene	9.93	154	701649	46.72	ng	99
52) 3-Nitroaniline	9.85	138	104171	22.25	ng	# 75
53) 2,4-Dinitrophenol	9.96	184	174566	76.23	ng	96
54) Dibenzofuran	10.10	168	888559	48.59	ng	98
55) 4-Nitrophenol	10.01	139	256121	70.78	ng	96
56) 2,4-Dinitrotoluene	10.08	165	202724	41.42	ng	# 45
57) Fluorene	10.45	166	669329	43.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	164728	46.14	ng	98
59) Diethylphthalate	10.32	149	726013	41.24	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	316474	42.52	ng	91
61) 4-Nitroaniline	10.47	138	195120	42.28	ng	91
62) Azobenzene	10.60	77	777211	46.00	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	114910	40.78	ng	86
65) n-Nitrosodiphenylamine	10.56	169	573764	41.83	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	191425	43.52	ng	92
67) Hexachlorobenzene	11.00	284	204647	43.79	ng	# 89
68) Atrazine	11.09	200	210513	50.41	ng	97
69) Pentachlorophenol	11.19	266	239673	84.47	ng	100
70) Phenanthrene	11.41	178	1033776	44.52	ng	100
71) Anthracene	11.45	178	950240	39.03	ng	100
72) Carbazole	11.61	167	947793	45.13	ng	98
73) Di-n-butylphthalate	11.94	149	1139964	43.35	ng	99
74) Fluoranthene	12.58	202	943383	38.80	ng	98
76) Benzidine	12.71	184	355066	27.98	ng	99
77) Pyrene	12.81	202	952290	35.15	ng	99
79) Butylbenzylphthalate	13.43	149	462906	35.84	ng	# 70
80) Benzo(a)anthracene	14.00	228	837142	38.21	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	117471	14.63	ng	# 94
82) Chrysene	14.04	228	723687	34.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	590501	36.80	ng	# 99
84) Di-n-octyl phthalate	14.61	149	1096850	41.95	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	646315	36.70	ng	100
87) Benzo(b)fluoranthene	15.03	252	776250	39.74	ng	98
88) Benzo(k)fluoranthene	15.07	252	756560m	47.01	ng	
89) Benzo(a)pyrene	15.39	252	731288	44.16	ng	# 97
90) Dibenzo(a,h)anthracene	16.85	278	550527	39.86	ng	97
91) Benzo(g,h,i)perylene	17.26	276	523139	39.13	ng	97

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



#1

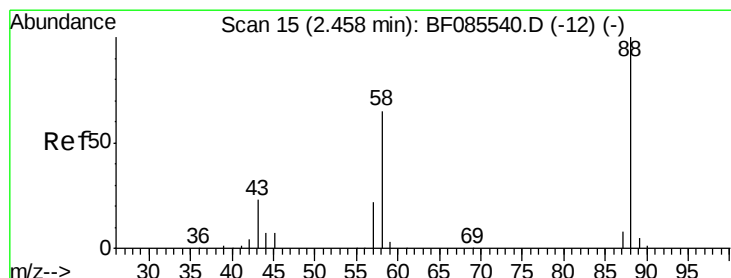
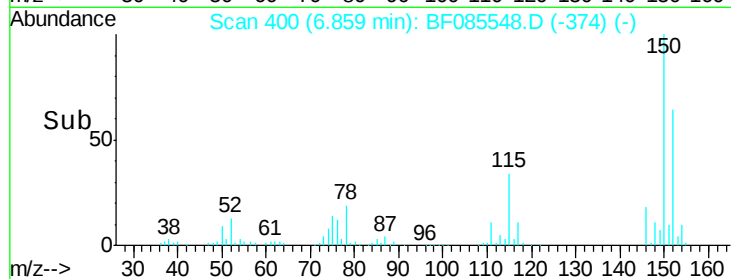
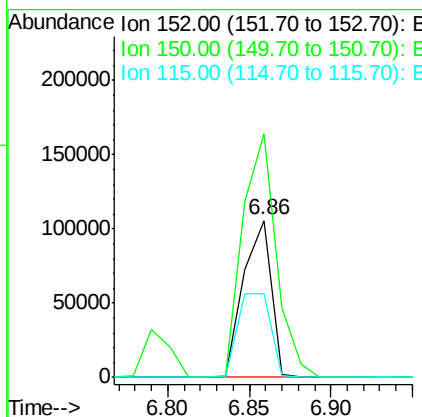
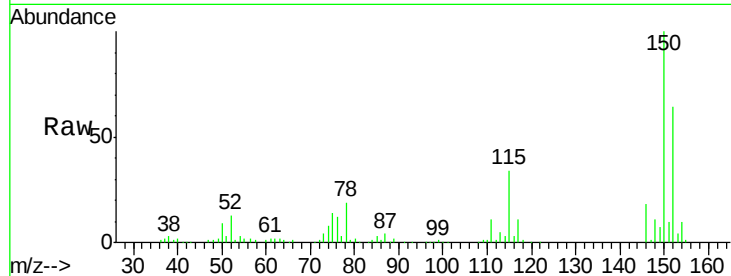
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	53.2	47.0	70.6

Manual Integrations
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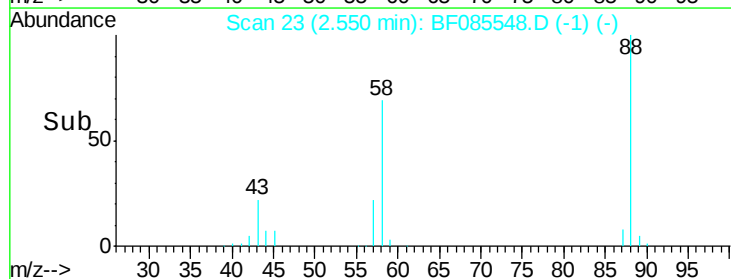
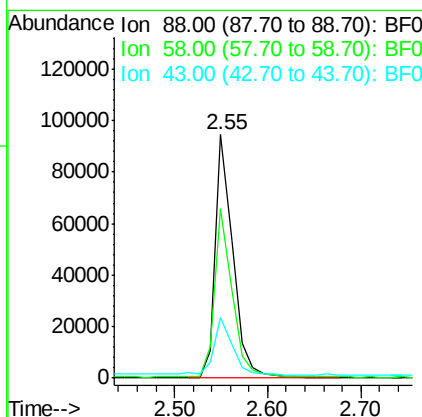
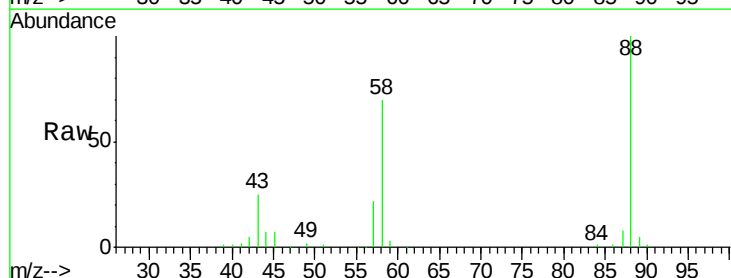
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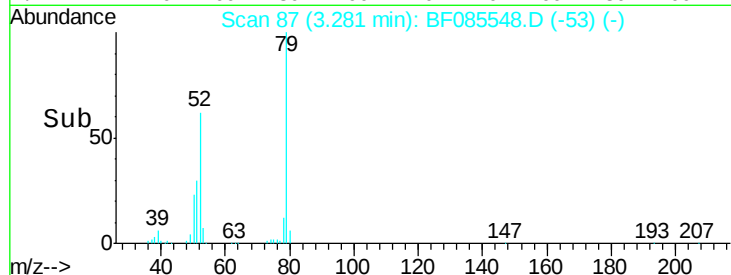
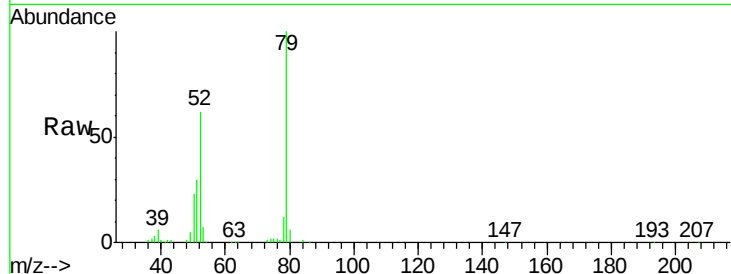
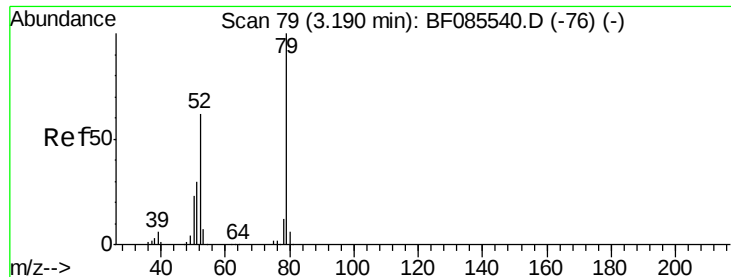


#2

1,4-Dioxane
Concen: 34.50 ng
RT: 2.55 min Scan# 23
Delta R.T. 0.09 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.2	81.2
43	25.1	19.3	28.9





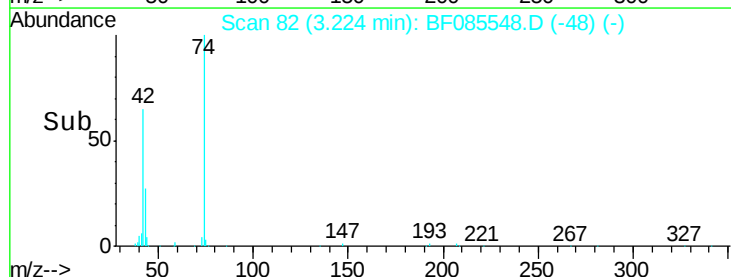
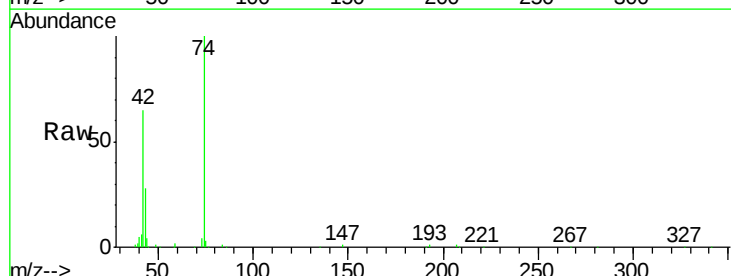
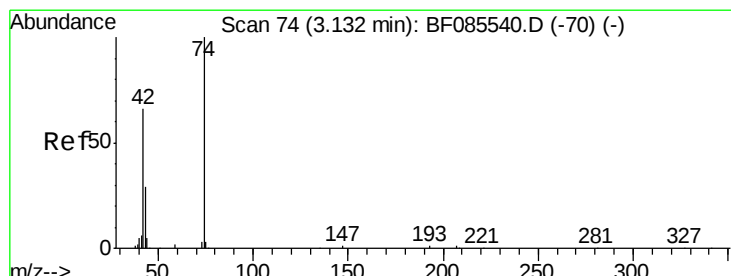
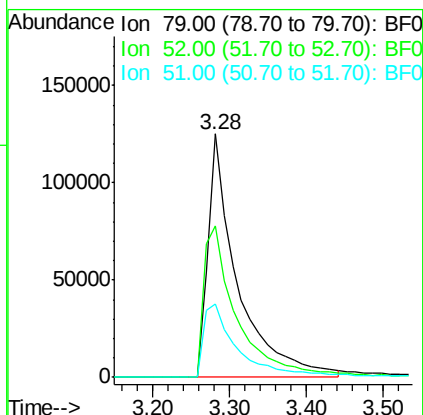
#3
 Pyridine
 Concen: 37.76 ng
 RT: 3.28 min Scan# 87
 Delta R.T. 0.09 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.1	49.8	74.6
51	30.1	24.7	37.1

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

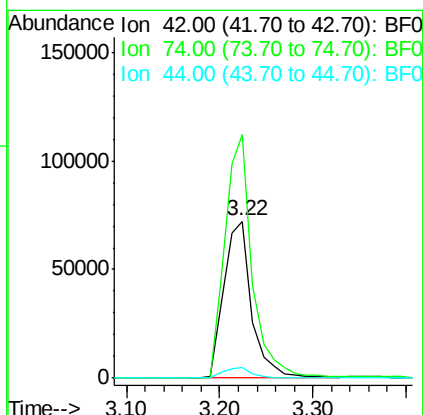
Manual Integrations
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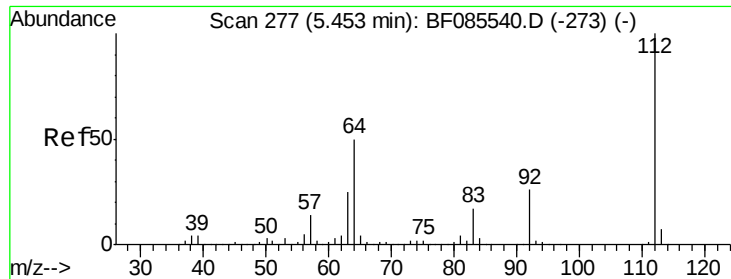
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#4
 n-Nitrosodimethylamine
 Concen: 40.61 ng
 RT: 3.22 min Scan# 82
 Delta R.T. 0.09 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

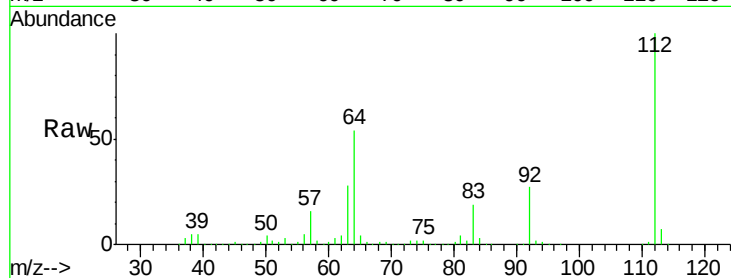
Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.9	121.4	182.2
44	6.7	5.6	8.4





#5
 2-Fluorophenol
 Concen: 120.49 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

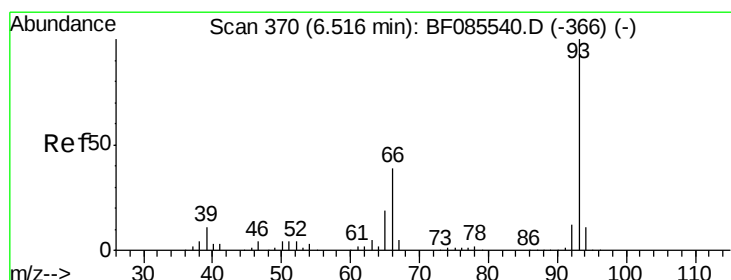
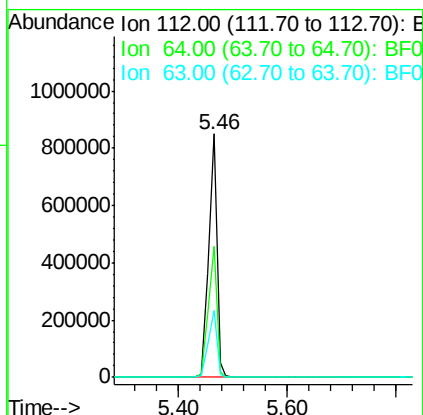
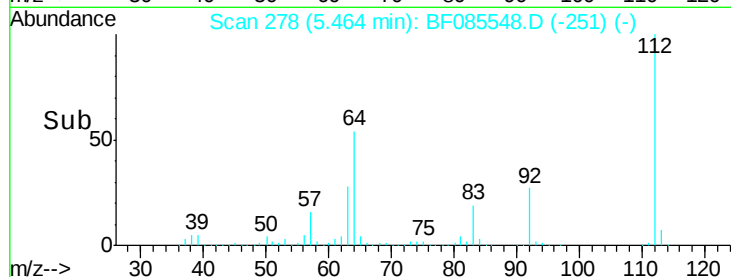
Instrument :
 BNA_F
 ClientSampled :
 PB88949BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	54.0	39.9	59.9
63	27.5	20.2	30.2

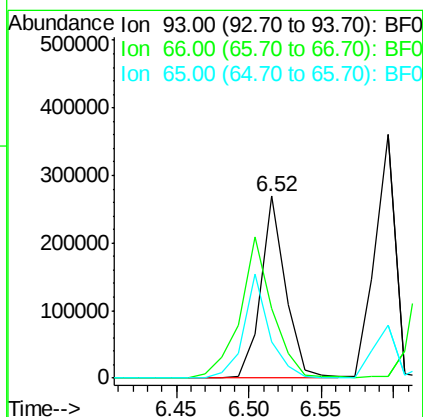
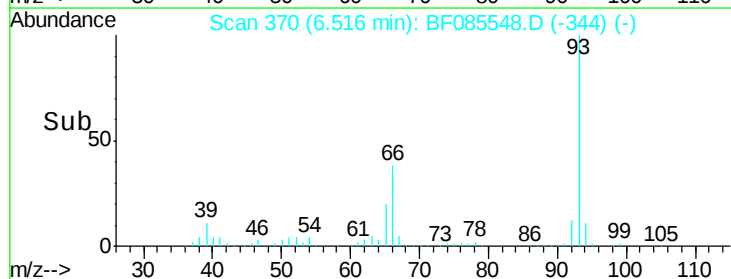
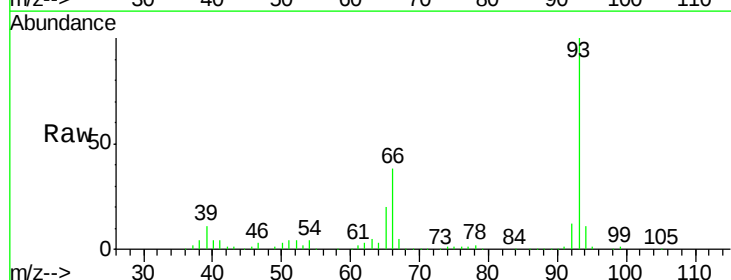
Manual Integrations
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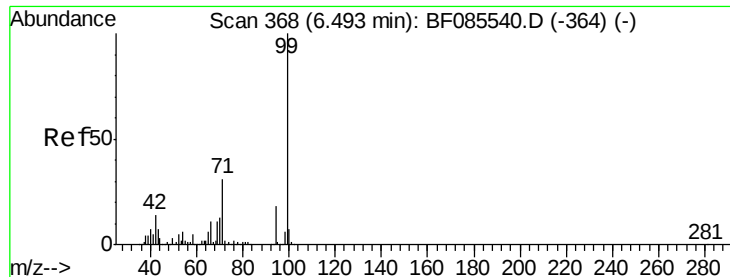
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#6
 Aniline
 Concen: 25.03 ng
 RT: 6.52 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.5	31.4	47.2
65	19.7	15.7	23.5





#7

Phenol-d6

Concen: 123.10 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085548.D

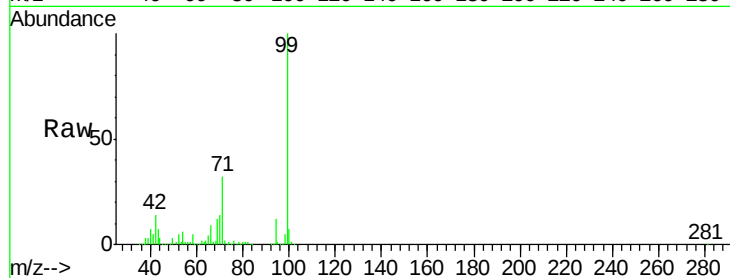
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Instrument :

BNA_F

ClientSampleId :

PB88949BS



Tgt Ion: 99 Resp: 1166407

Ion Ratio Lower Upper

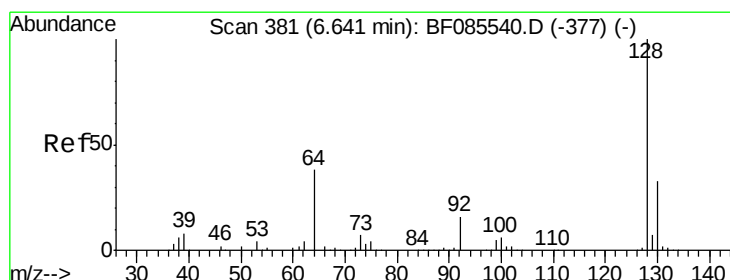
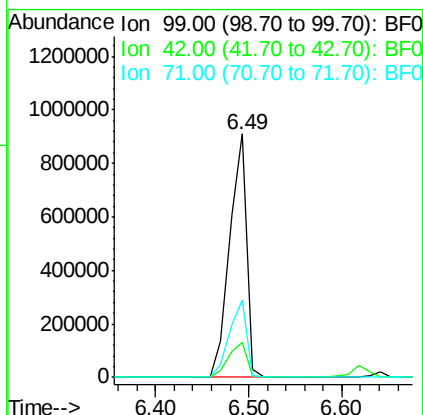
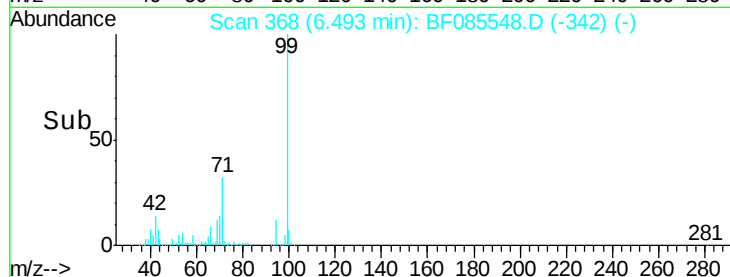
99 100

42 14.2 11.1 16.7

71 31.8 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.52 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

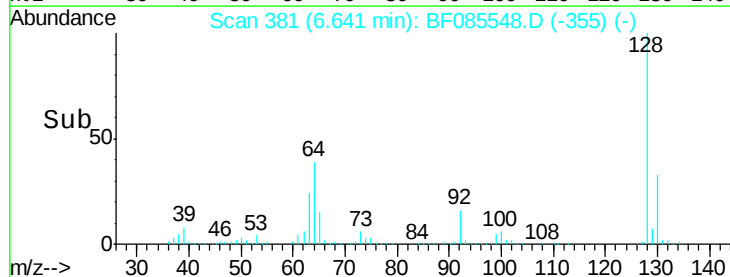
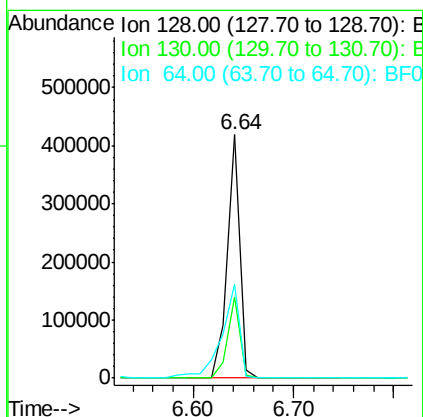
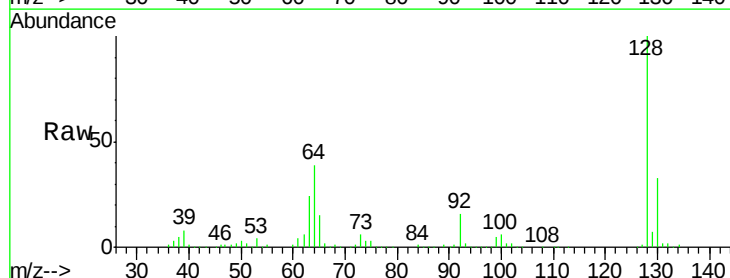
Tgt Ion: 128 Resp: 363450

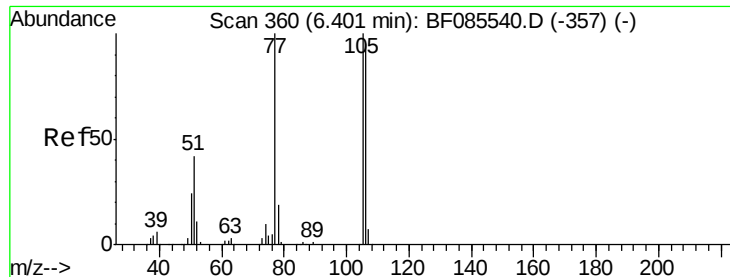
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 38.6 20.2 60.2





#9

Benzaldehyde

Concen: 10.67 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

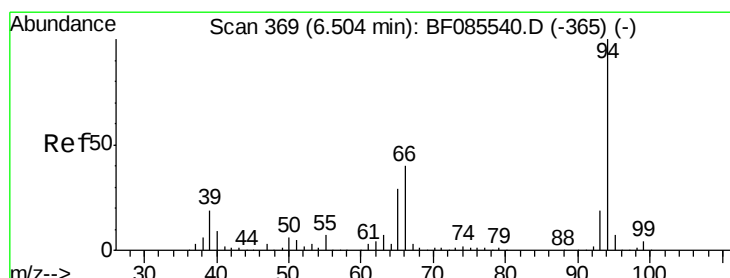
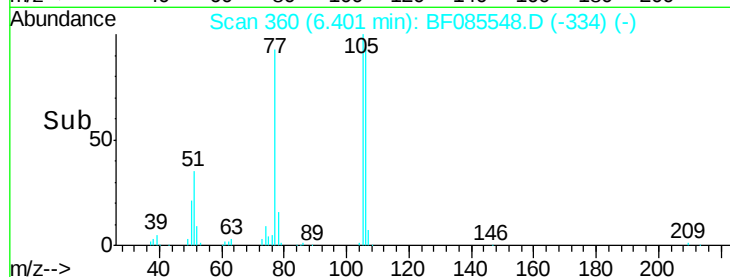
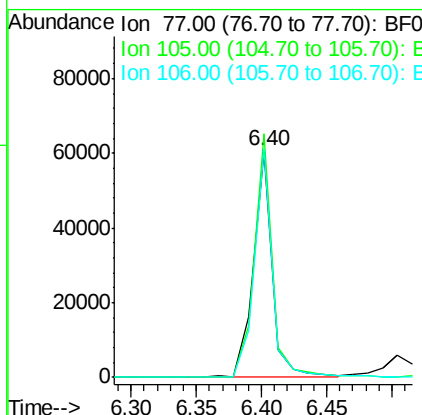
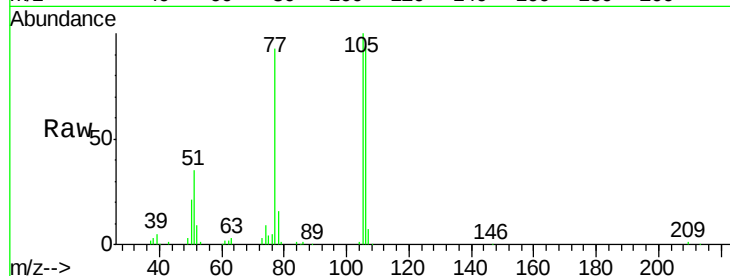
ClientSampleId :

PB88949BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.9	80.1	120.1
106	101.0	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 46.42 ng

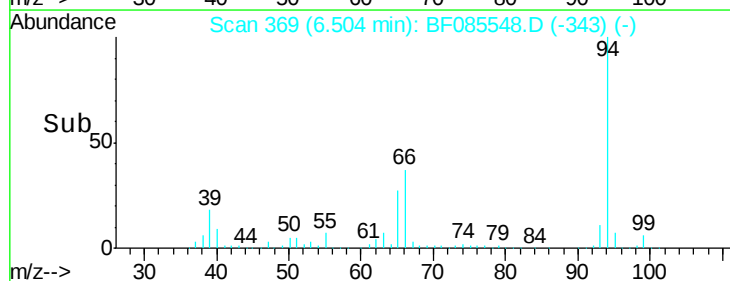
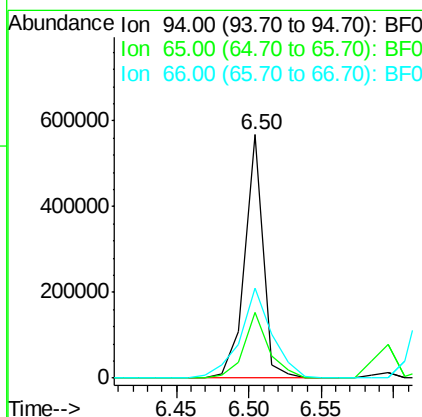
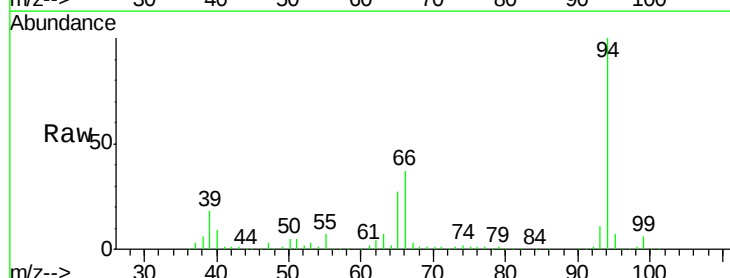
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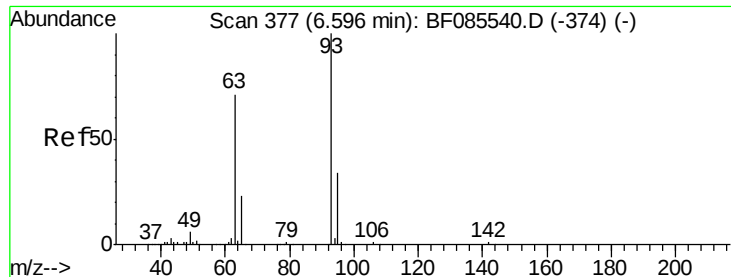
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.1	8.6	48.6
66	36.9	20.0	60.0





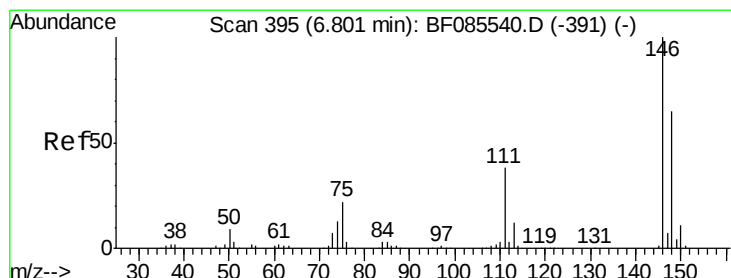
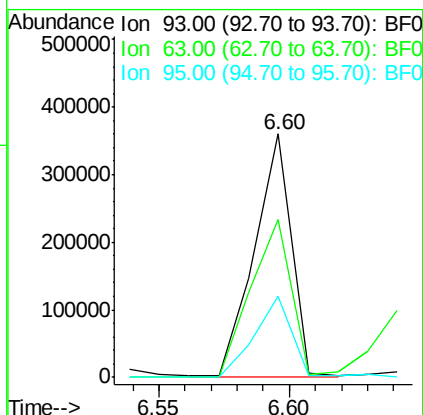
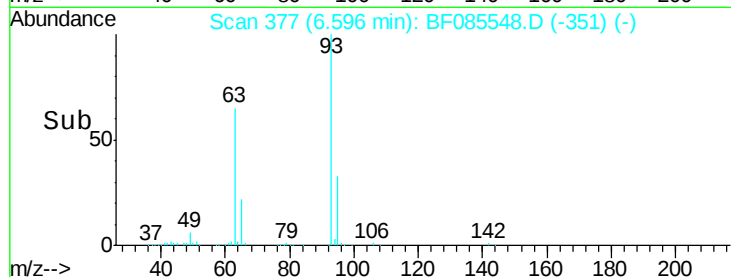
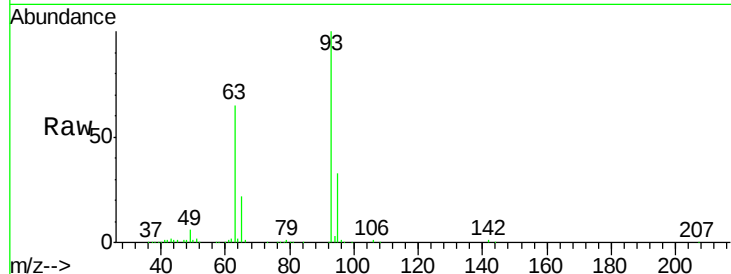
#11
bis(2-Chloroethyl)ether
Concen: 43.67 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion:	93	Resp:	355325
Ion Ratio	Lower	Upper	
93	100		
63	65.1	50.9	90.9
95	33.2	13.3	53.3

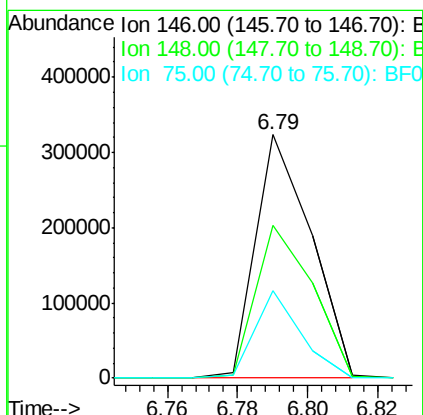
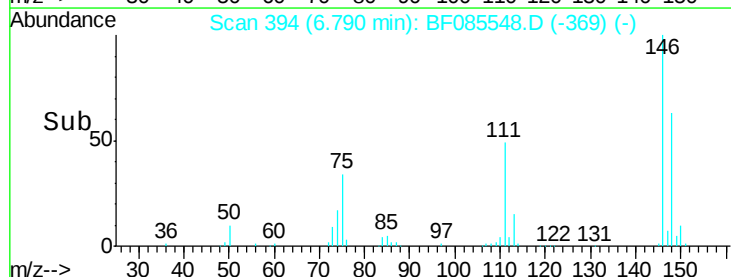
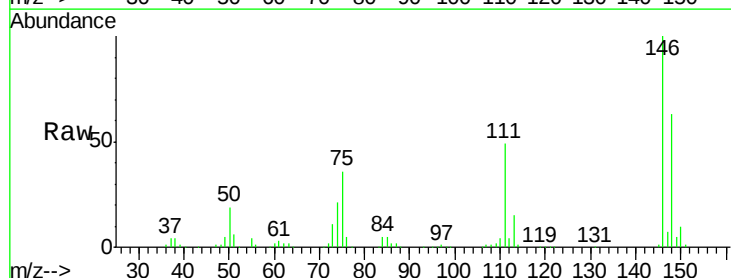
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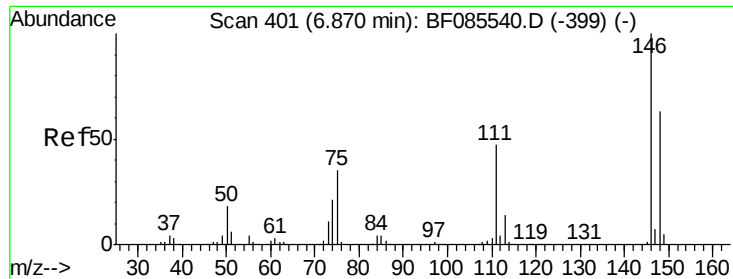
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#12
1,3-Dichlorobenzene
Concen: 38.52 ng m
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion:	146	Resp:	358778
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.3	78.5
75	35.8	17.4	26.2





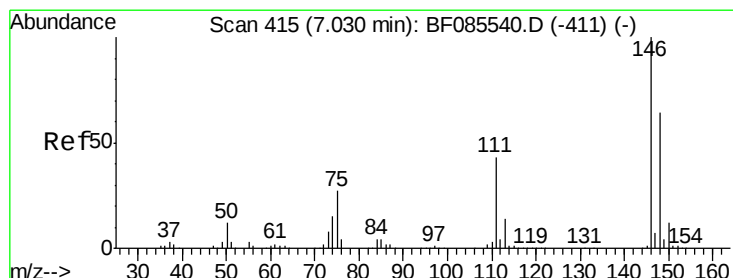
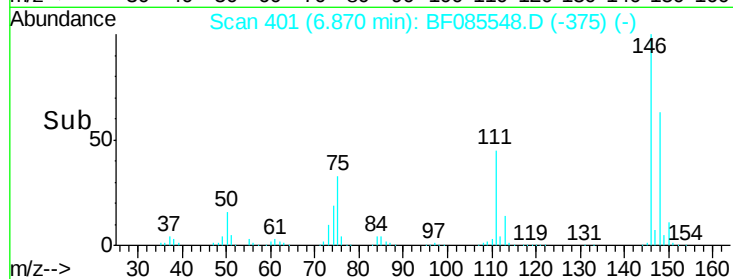
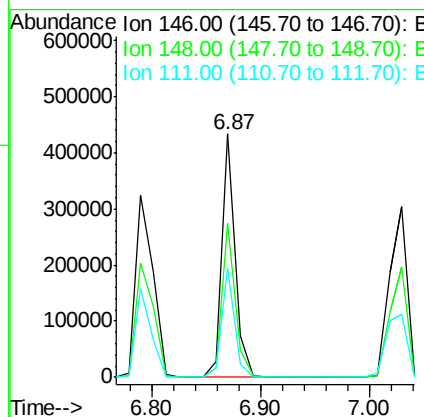
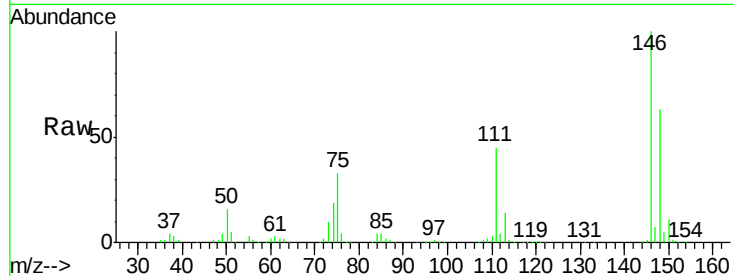
#13
 1,4-Dichlorobenzene
 Concen: 39.27 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	44.9	37.8	56.6

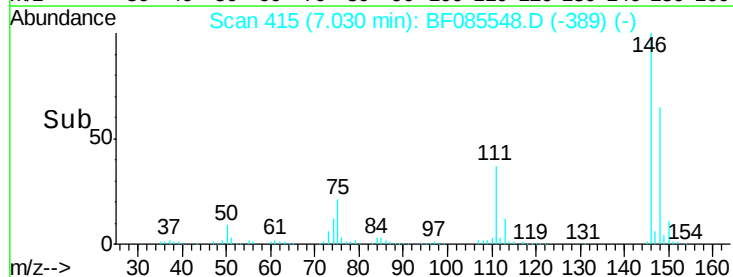
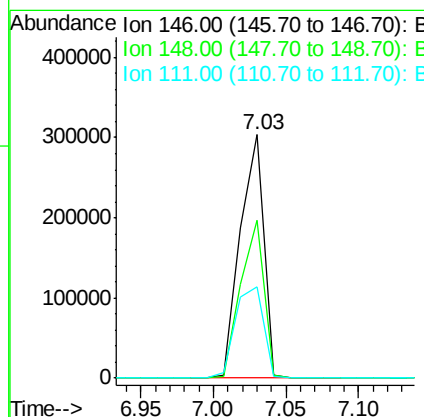
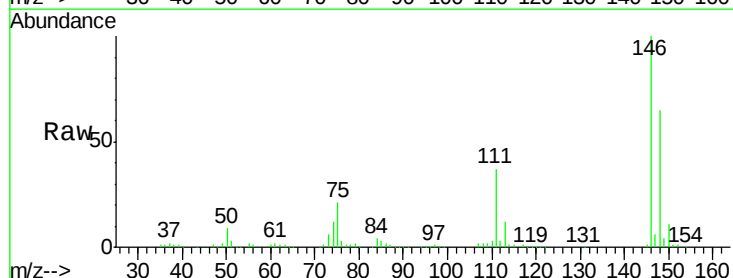
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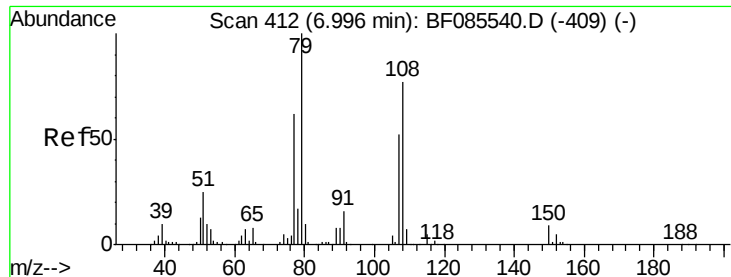
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#14
 1,2-Dichlorobenzene
 Concen: 40.67 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	37.4	34.6	52.0





#15

Benzyl Alcohol

Concen: 42.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

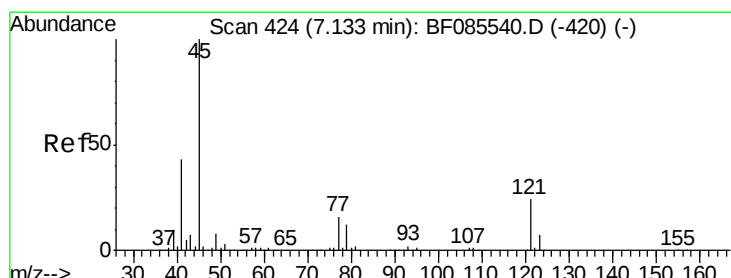
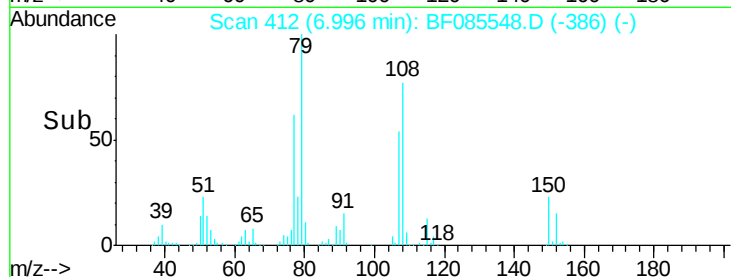
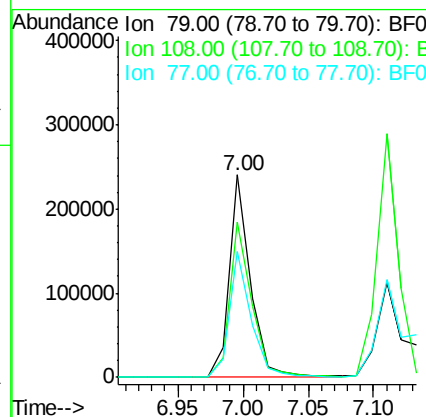
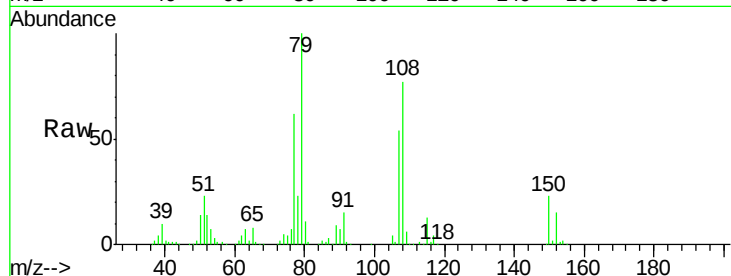
ClientSampleId :

PB88949BS

Tgt Ion:	79	Resp:	272617
Ion Ratio	Lower	Upper	
79	100		
108	77.0	61.8	92.6
77	62.1	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.62 ng

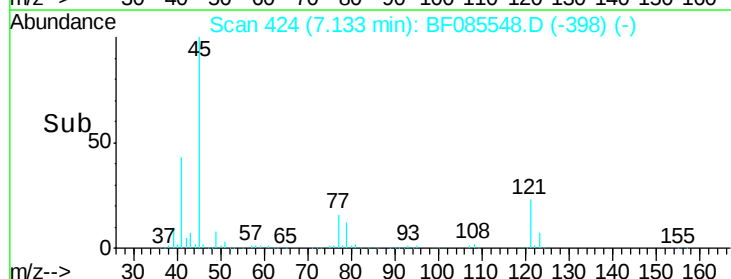
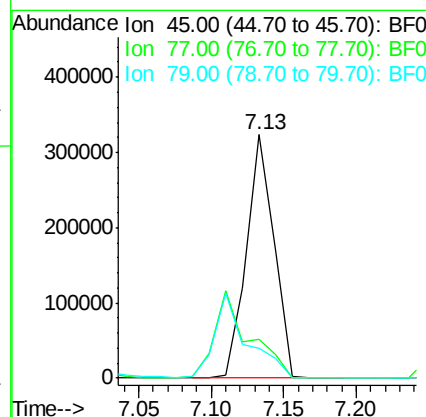
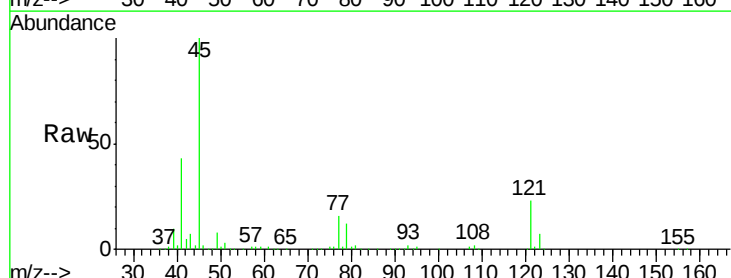
RT: 7.13 min Scan# 424

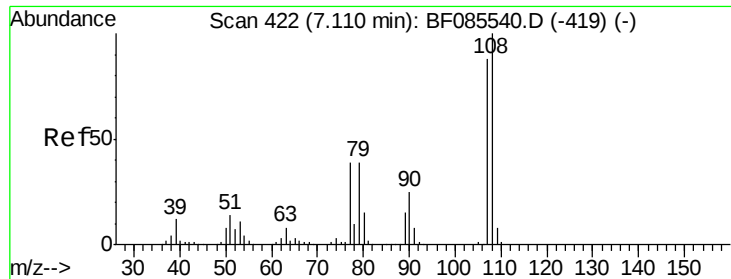
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:	45	Resp:	423922
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	35.7
79	12.1	0.0	32.2





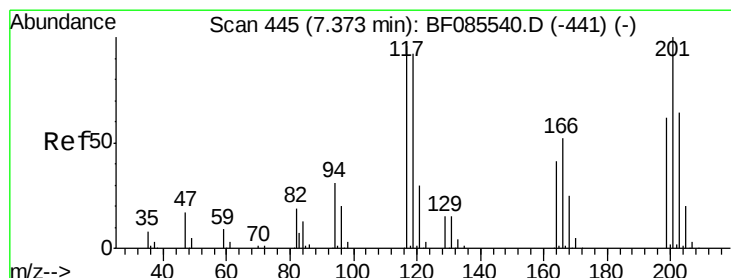
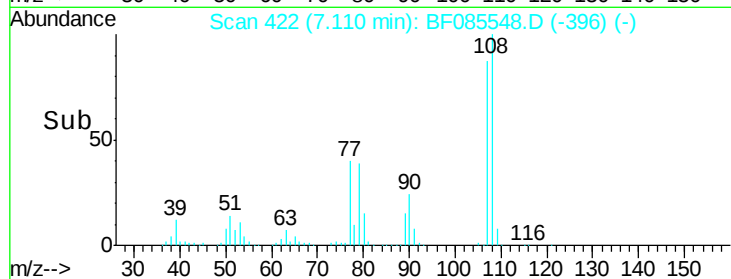
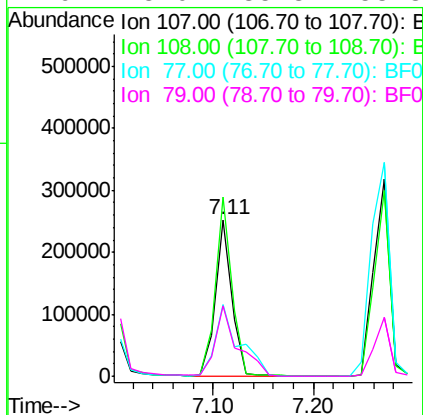
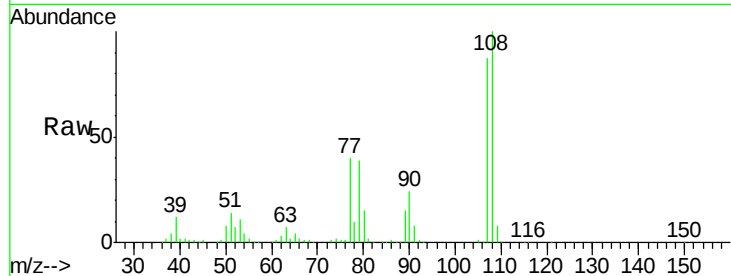
#17
 2-Methylphenol
 Concen: 40.65 ng
 RT: 7.11 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.6	91.4	137.0
77	45.8	36.2	54.2
79	45.0	35.8	53.8

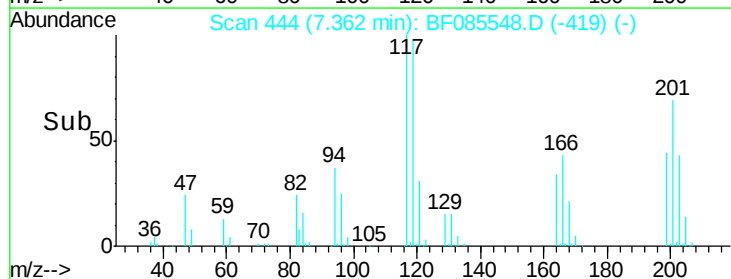
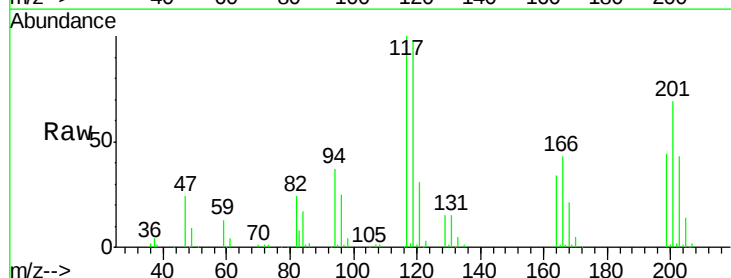
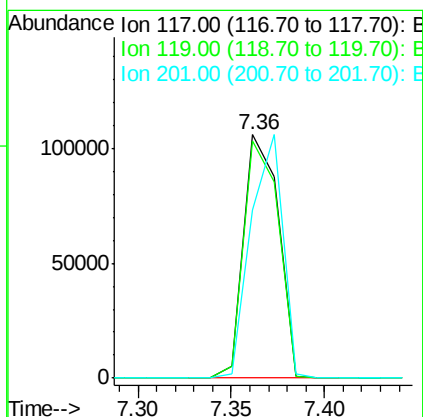
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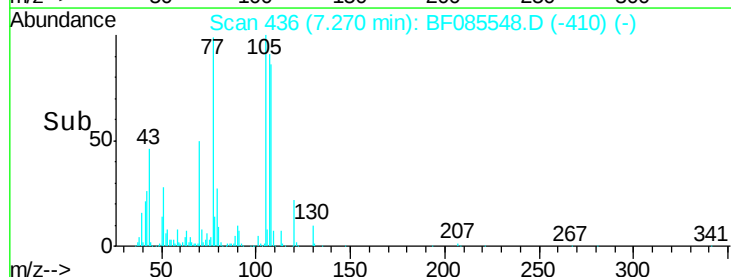
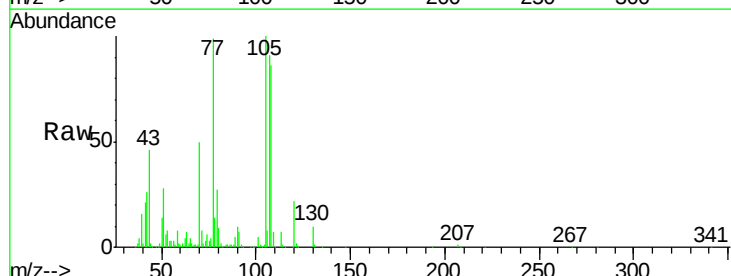
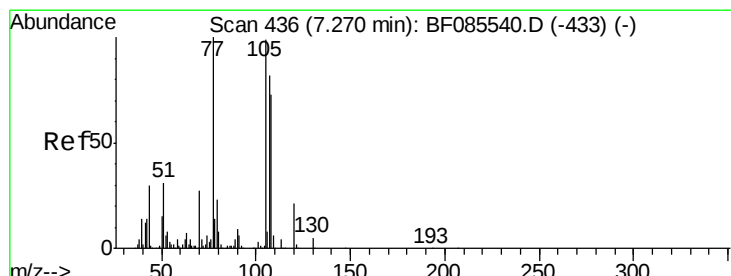
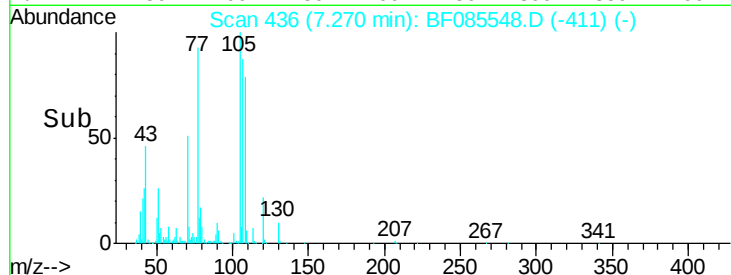
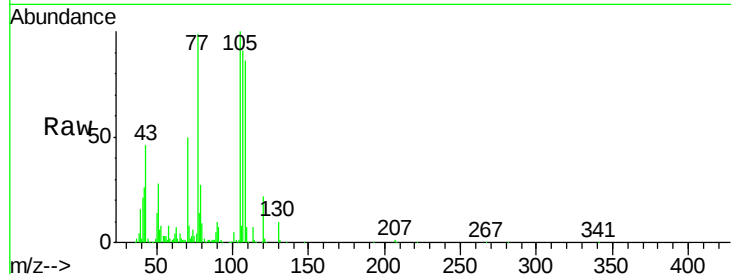
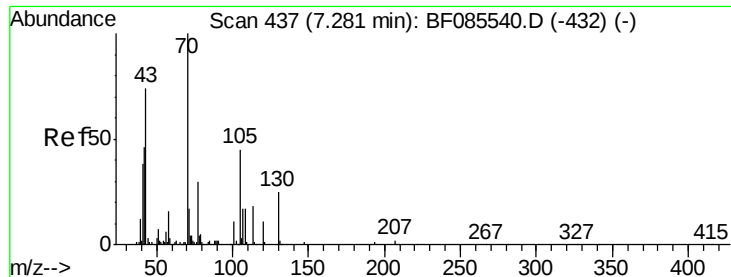
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#18
 Hexachloroethane
 Concen: 39.93 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.7	76.7	115.1
201	69.3	83.3	124.9#

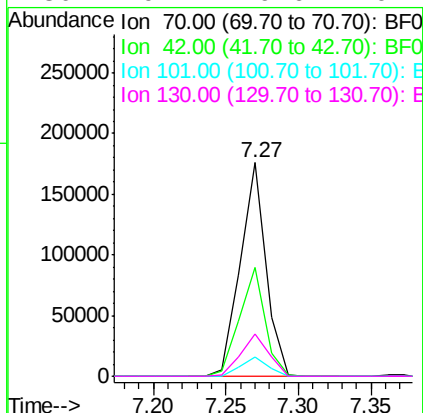




#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampled :
PB88949BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	37.1	55.7
101	9.2	8.6	12.8
130	19.7	19.6	29.4

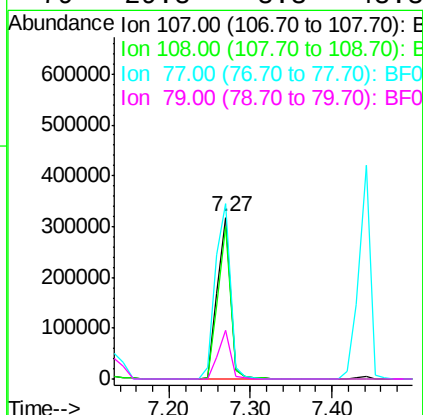


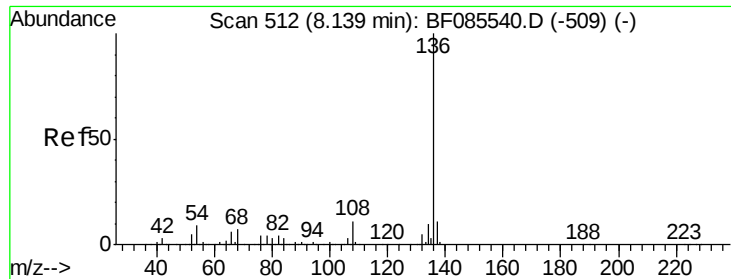
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#20
3+4-Methylphenols
Concen: 43.51 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	69.3	109.3
77	108.6	101.7	141.7
79	29.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085548.D

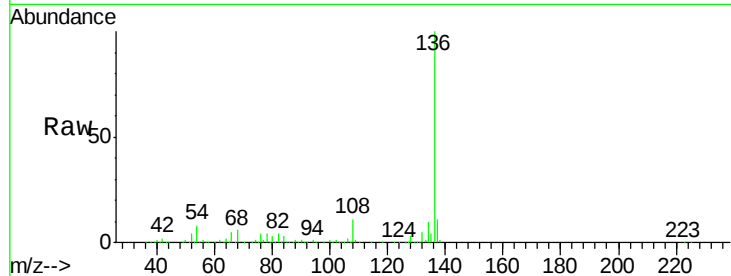
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS



Tgt Ion:136 Resp: 496573

Ion Ratio Lower Upper

136 100

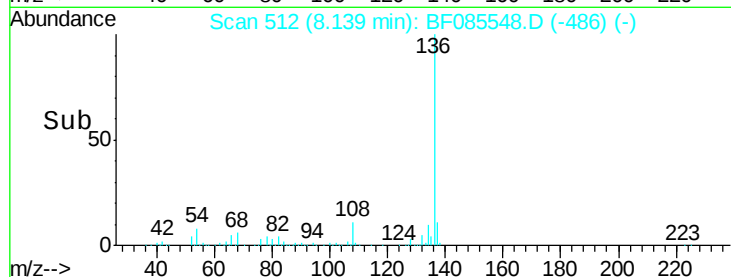
137 11.2 9.1 13.7

54 7.6 7.4 11.0

68 6.3 5.8 8.8

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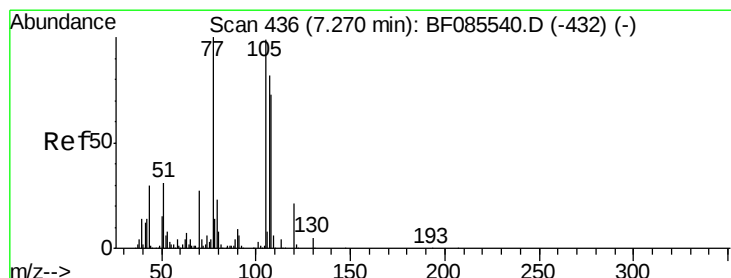
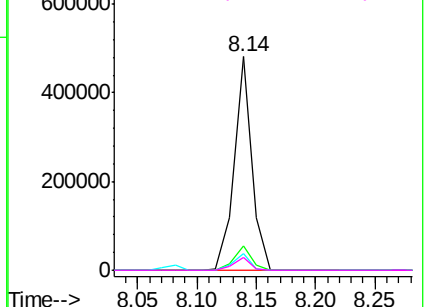


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.47 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:105 Resp: 453301

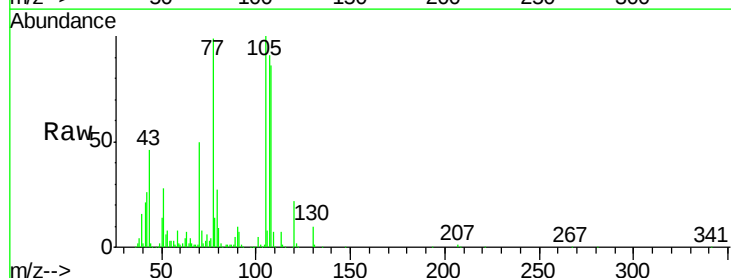
Ion Ratio Lower Upper

105 100

71 8.3 3.6 5.4#

51 28.5 25.4 38.0

120 22.0 16.9 25.3

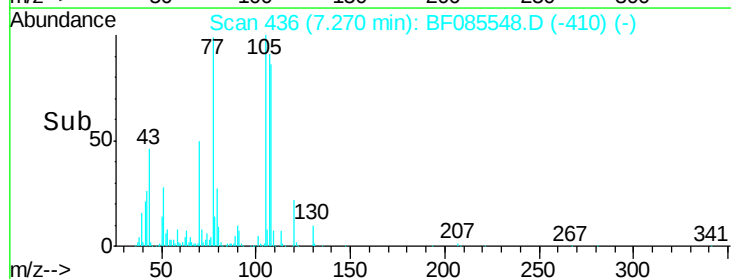
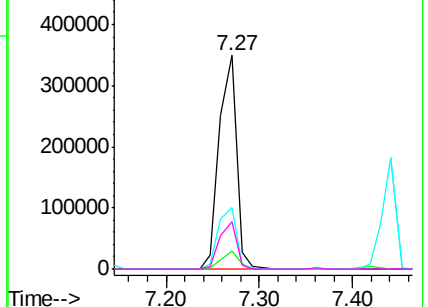


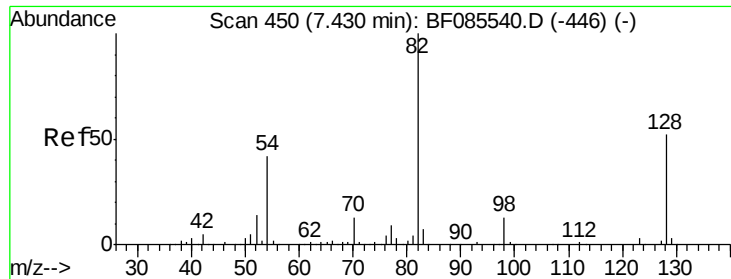
Abundance Ion 105.00 (104.70 to 105.70): E

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





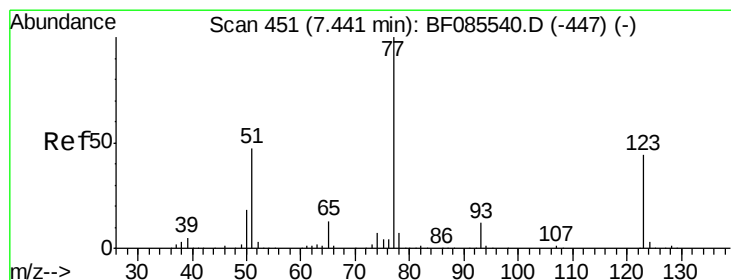
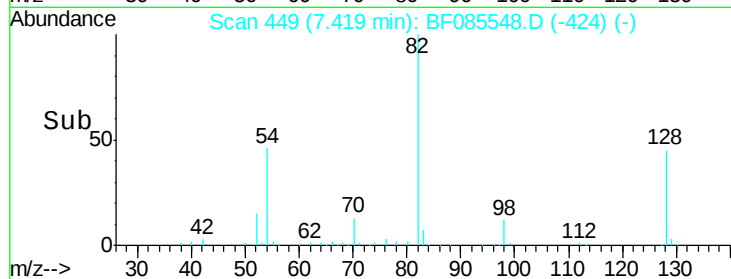
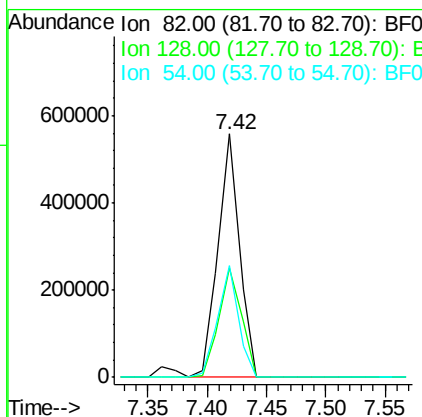
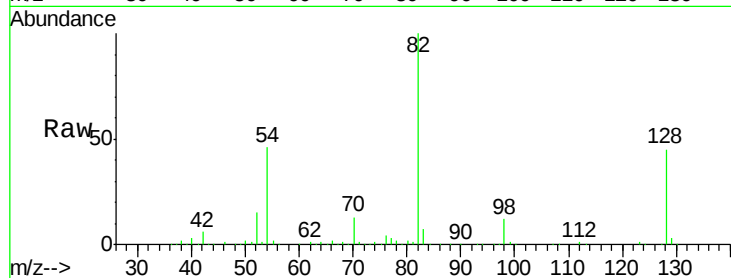
#23
 Nitrobenzene-d5
 Concen: 81.69 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.0	41.8	62.8
54	45.7	33.4	50.0

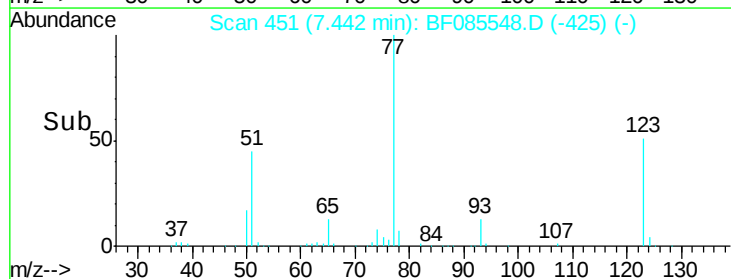
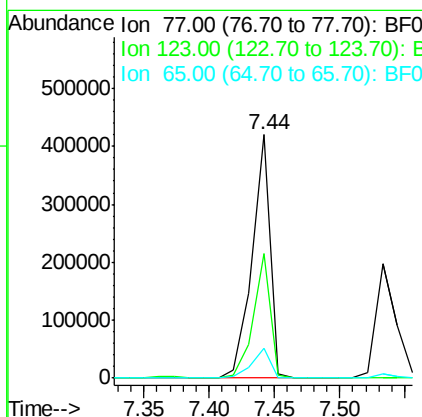
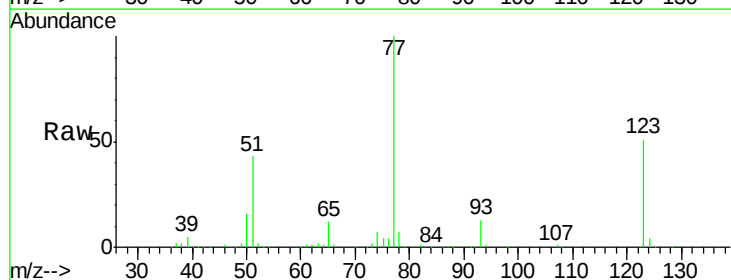
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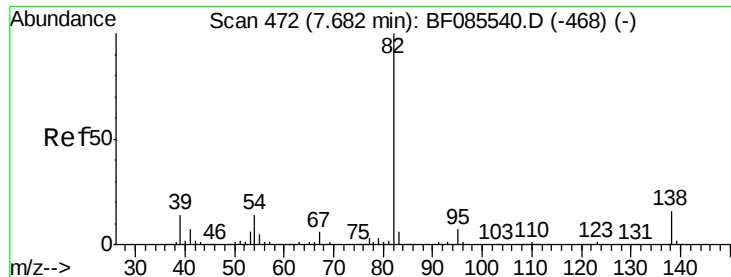
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#24
 Nitrobenzene
 Concen: 43.16 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	51.1	35.0	52.4
65	12.4	10.6	16.0





#25

Isophorone

Concen: 40.32 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085548.D

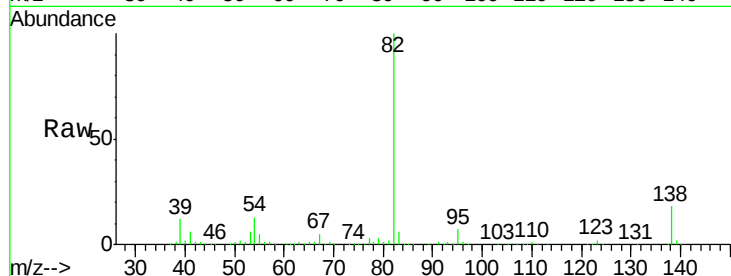
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

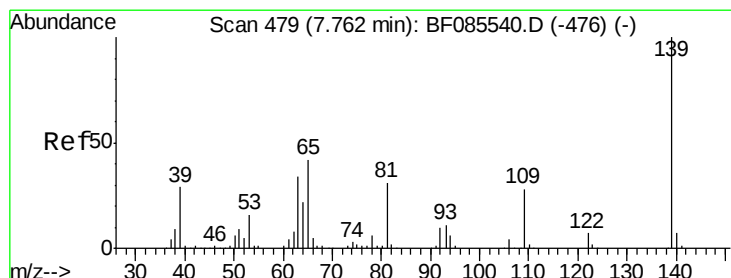
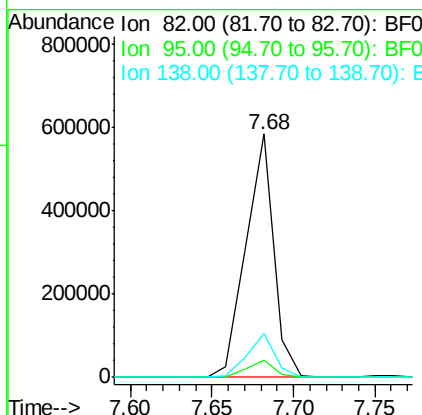
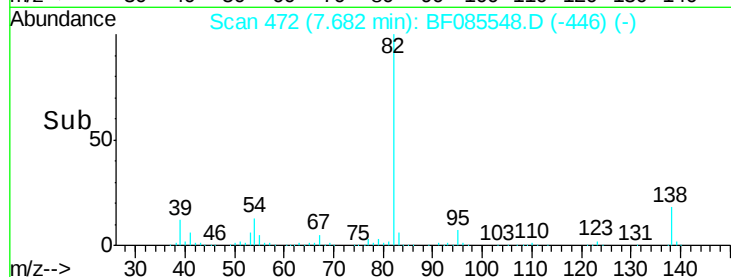
PB88949BS



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	690548		
95	7.0		5.4	8.2
138	18.0		12.9	19.3

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#26

2-Nitrophenol

Concen: 42.76 ng

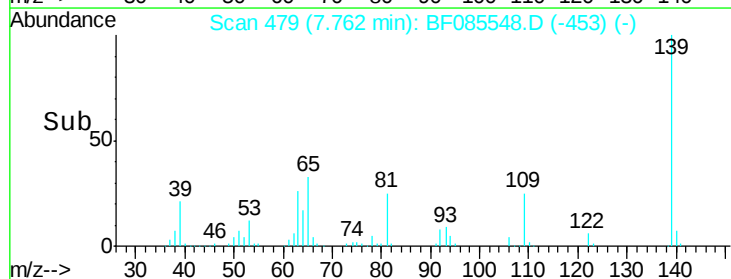
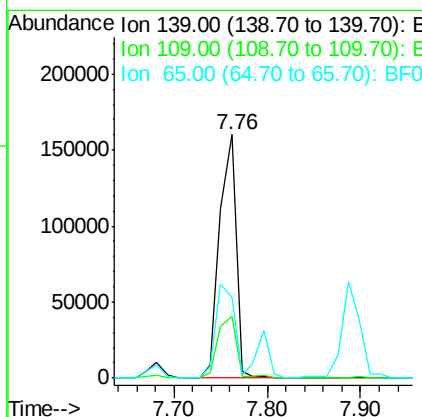
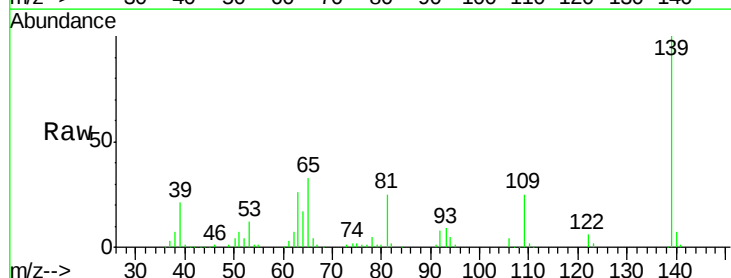
RT: 7.76 min Scan# 479

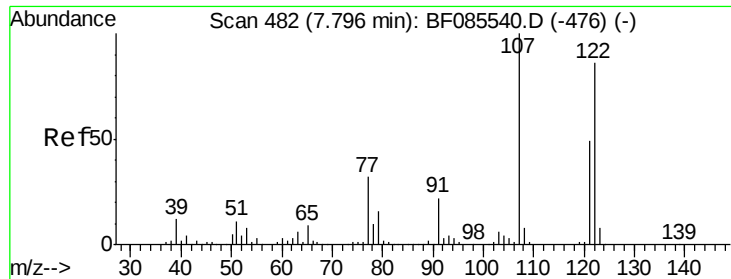
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197894		
109	25.4		22.1	33.1
65	33.3		33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 40.30 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

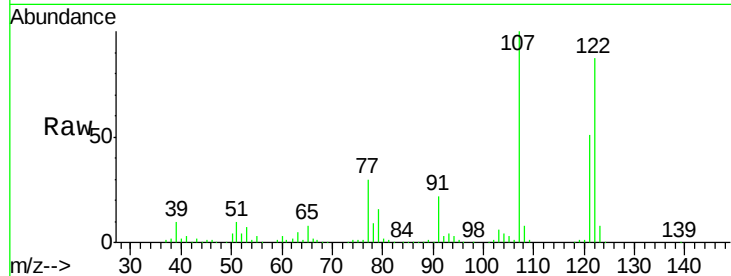
ClientSampled :

PB88949BS

Tgt Ion:	122	Resp:	329842
Ion Ratio	Lower	Upper	
122	100		
107	114.3	93.0	139.6
121	58.5	45.9	68.9

Manual Integrations
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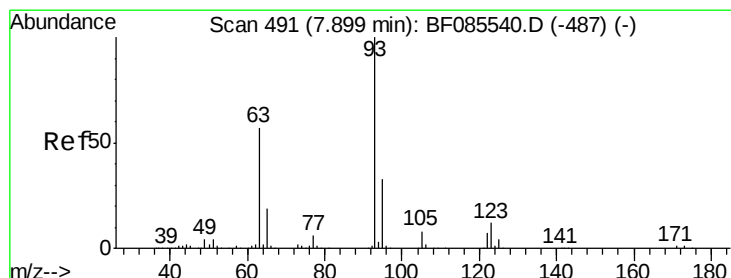
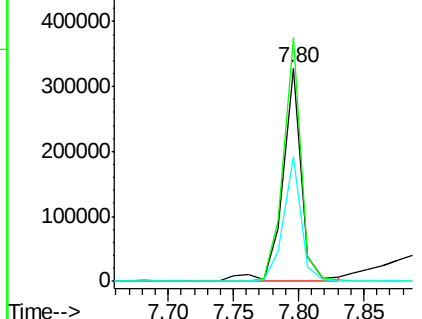
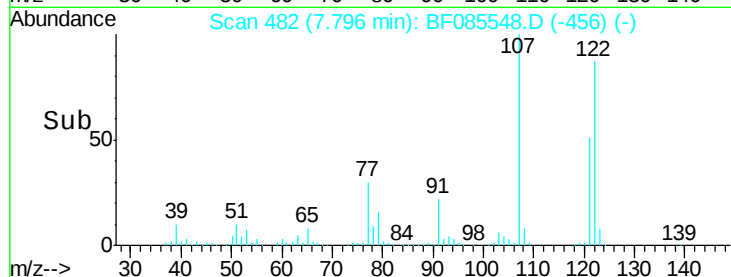
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.89 ng

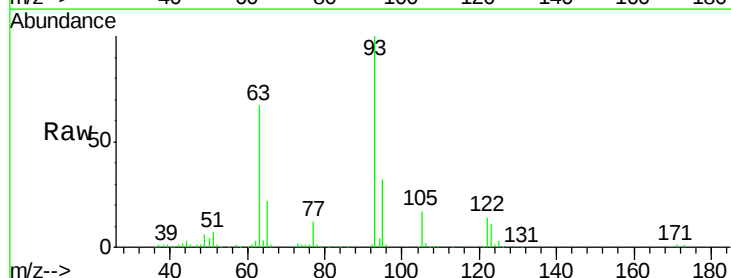
RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

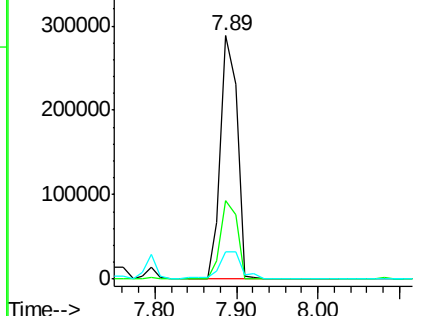
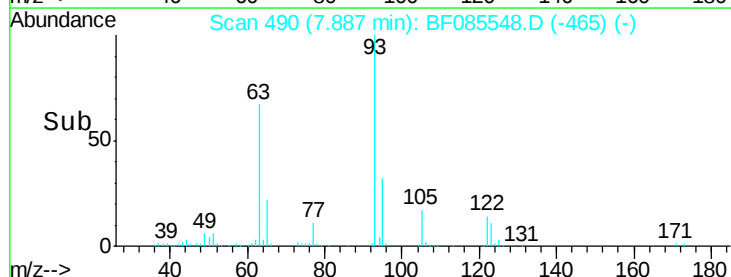
Tgt Ion:	93	Resp:	408110
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.4	39.6
123	11.0	9.8	14.6

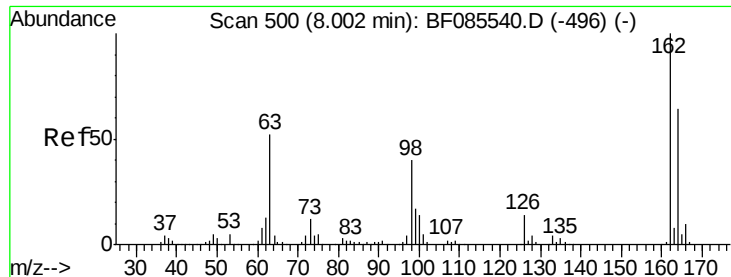


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





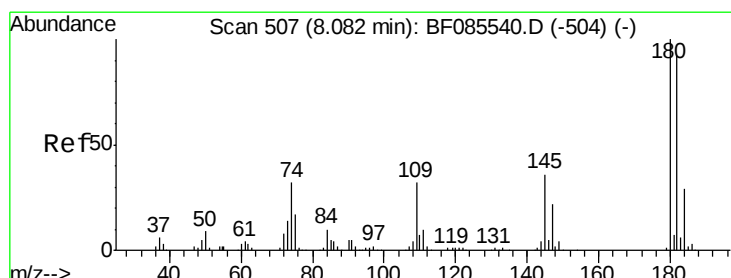
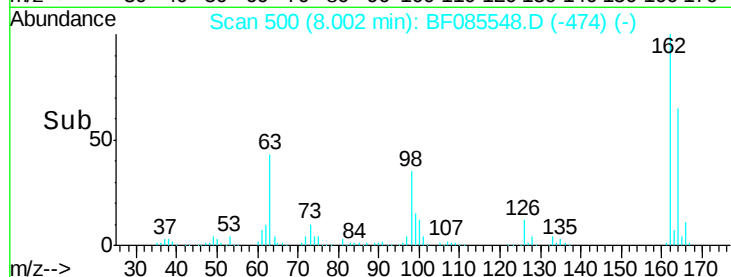
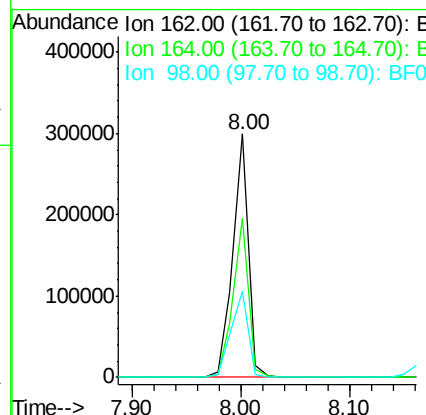
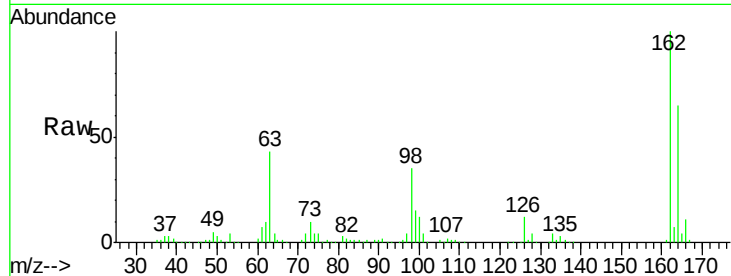
#29
 2,4-Dichlorophenol
 Concen: 43.82 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	43.7	83.7
98	35.3	20.4	60.4

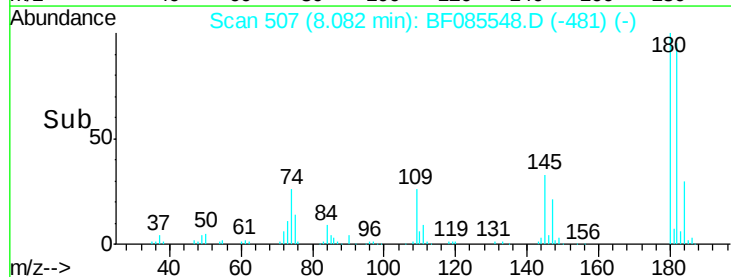
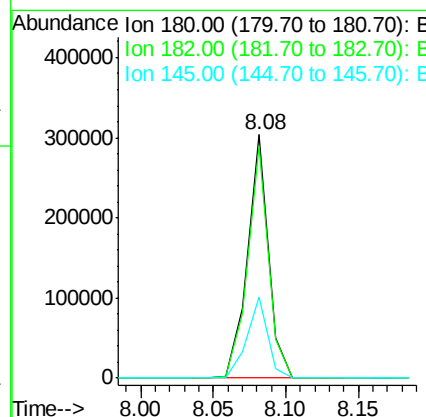
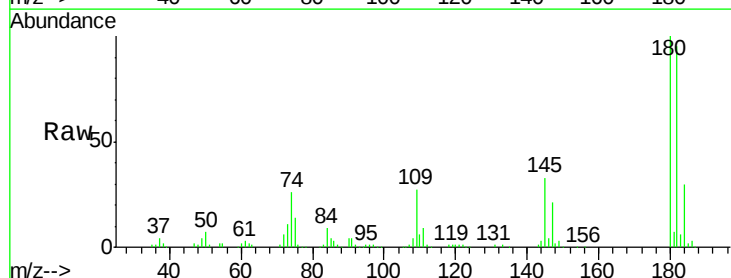
Manual Integrations
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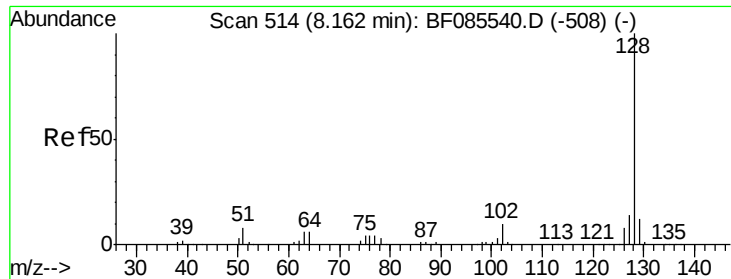
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	73.8	110.8
145	33.2	28.4	42.6





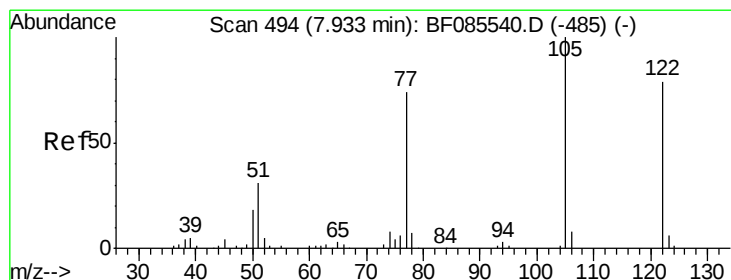
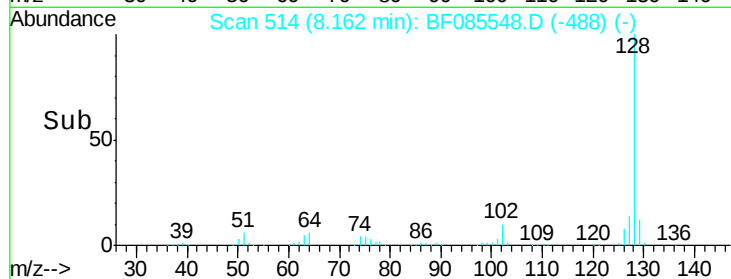
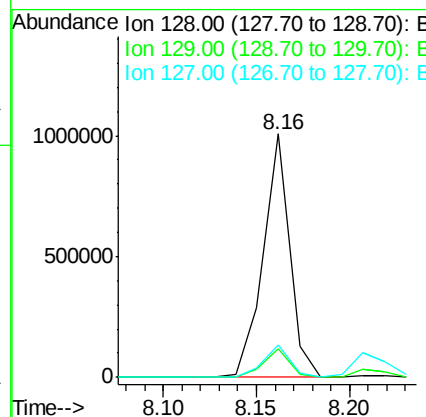
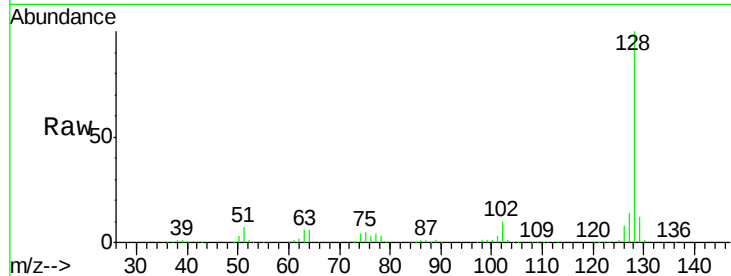
#31
Naphthalene
Concen: 39.46 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.7	9.4	14.0
127	13.5	11.0	16.6

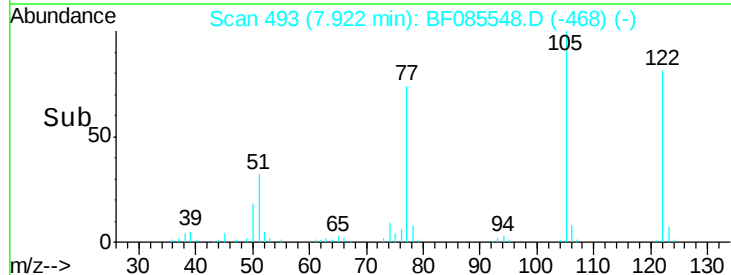
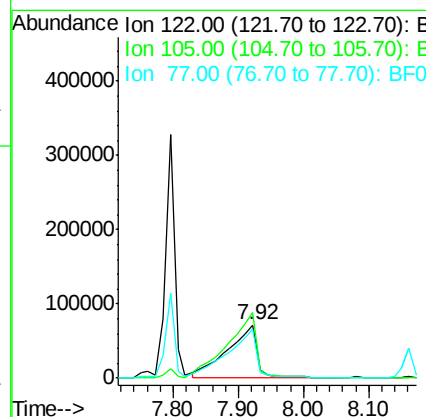
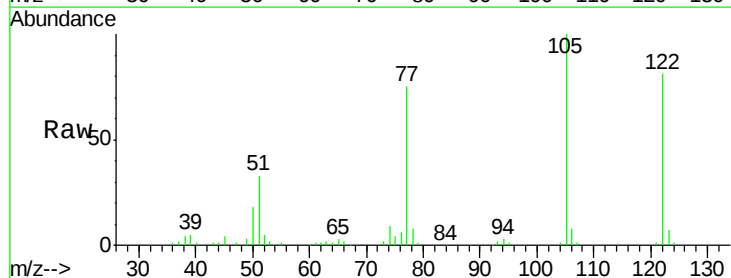
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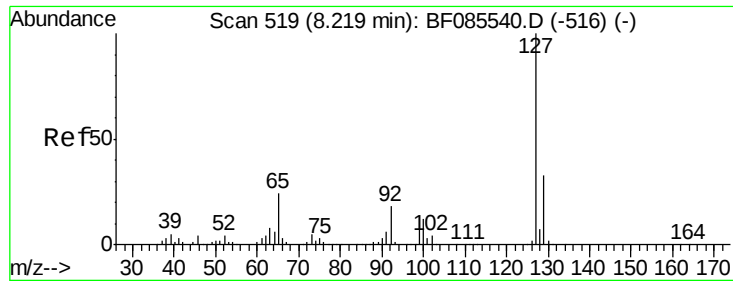
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#32
Benzoic acid
Concen: 32.71 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	123.2	102.9	142.9
77	92.7	71.8	111.8





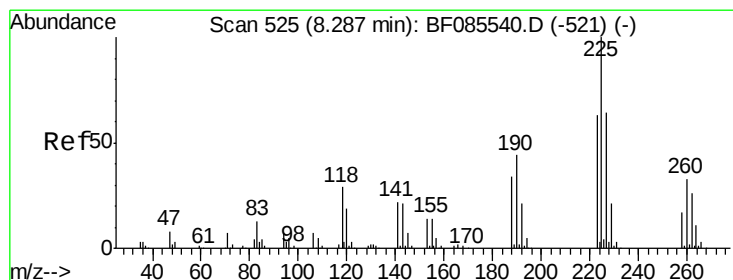
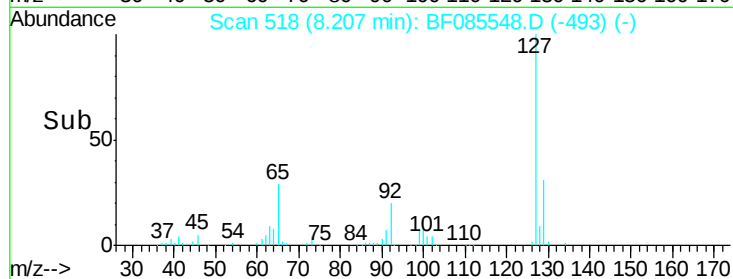
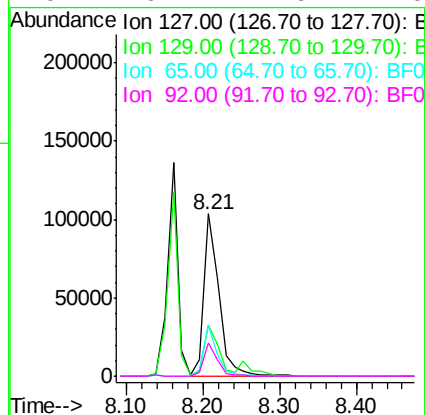
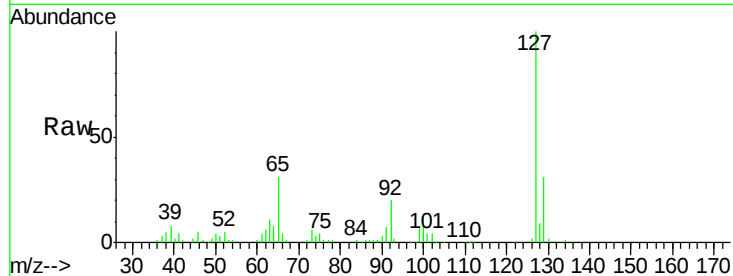
#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	31.2	26.1	39.1
65	31.3	19.5	29.3
92	20.4	14.6	22.0

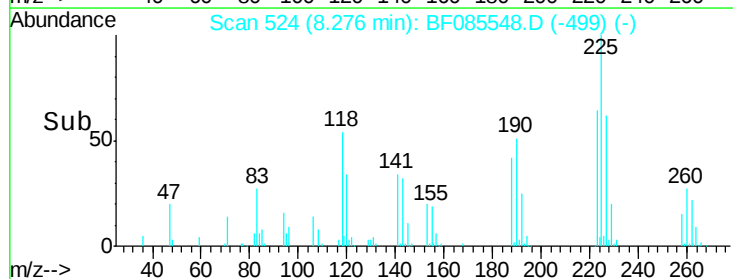
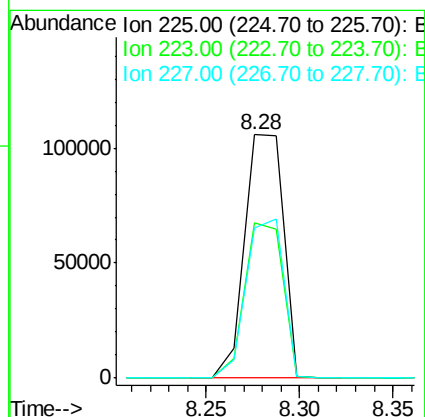
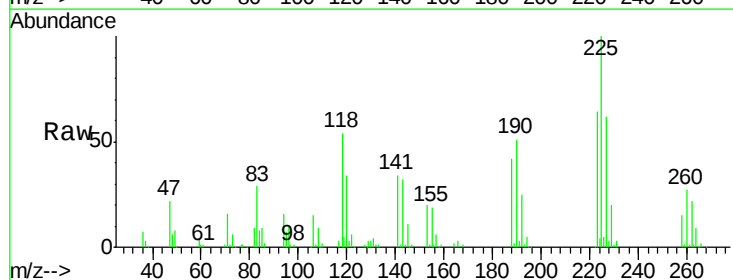
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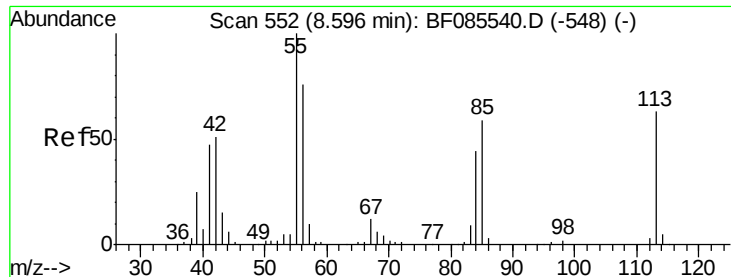
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#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.8	50.4	75.6
227	61.8	51.4	77.2





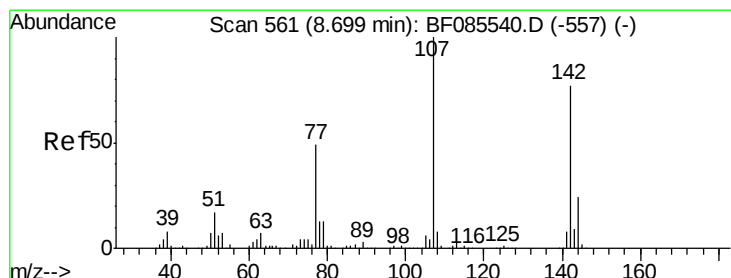
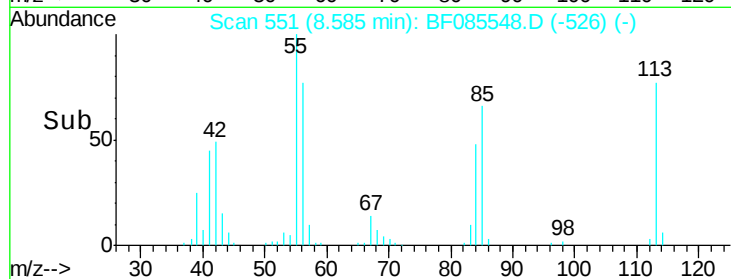
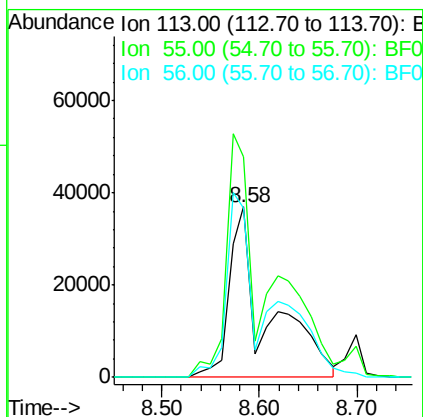
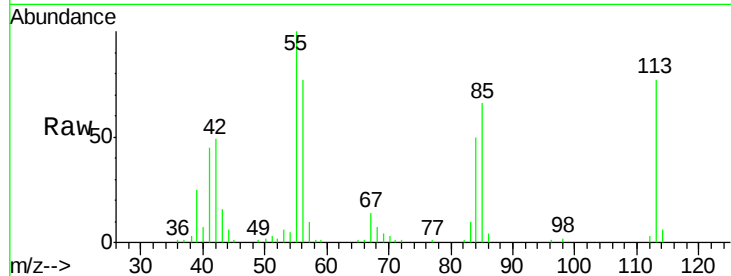
#35
 Caprolactam
 Concen: 42.72 ng m
 RT: 8.58 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion:113 Resp: 99338
 Ion Ratio Lower Upper
 113 100
 55 129.8 139.4 179.4#
 56 99.6 100.4 140.4#

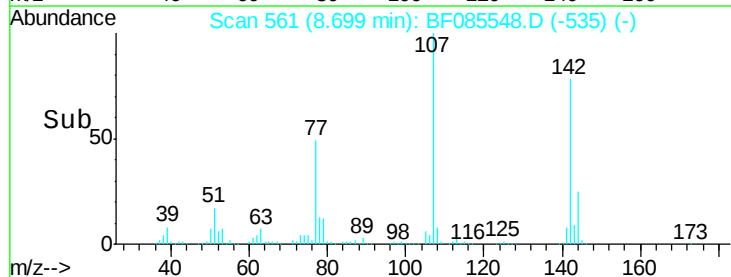
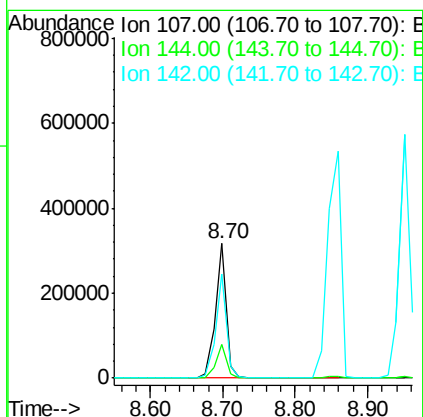
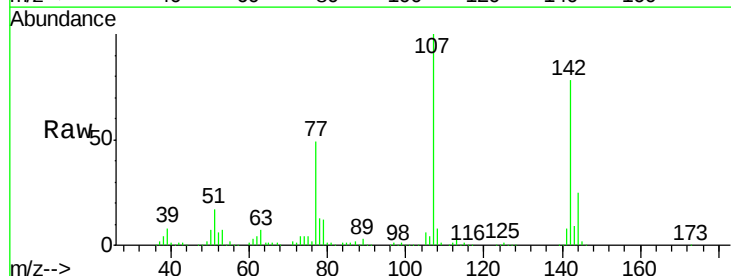
Manual Integrations
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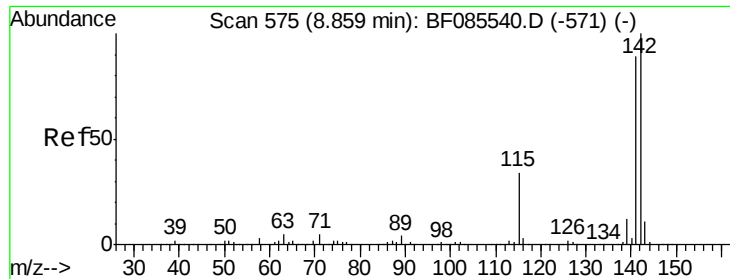
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#36
 4-Chloro-3-methylphenol
 Concen: 41.82 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion:107 Resp: 330073
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 77.8 61.4 92.0





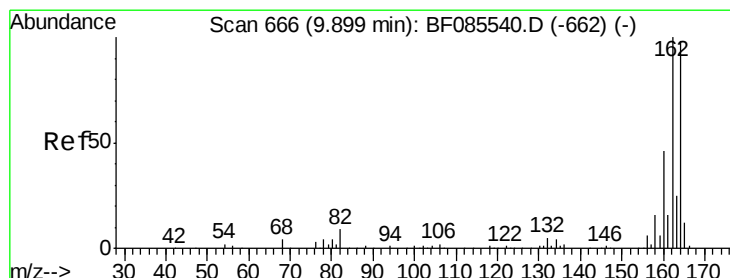
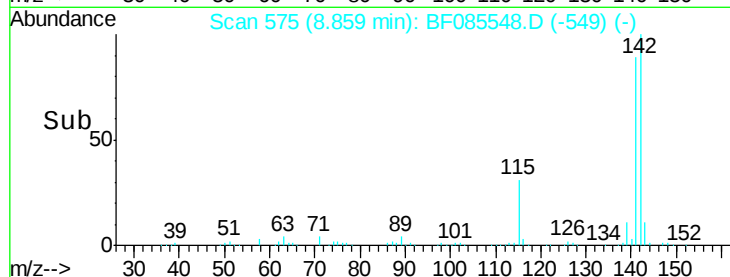
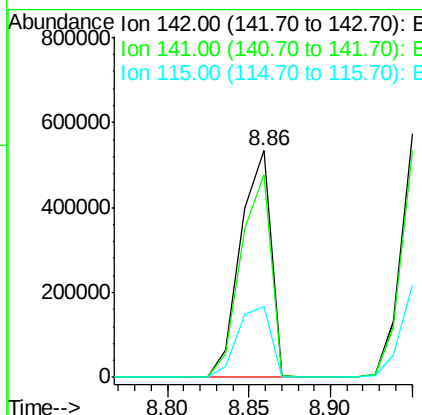
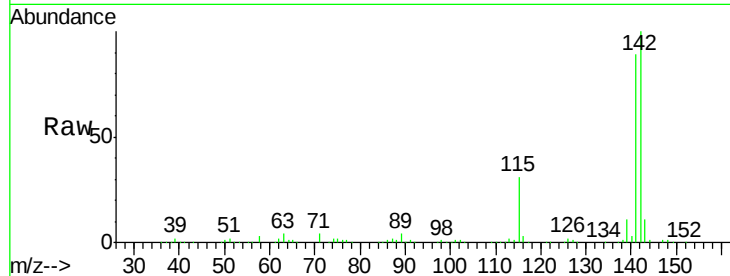
#37
 2-Methylnaphthalene
 Concen: 45.10 ng
 RT: 8.86 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	689011		
141	89.3	71.6	107.4	
115	31.3	26.8	40.2	

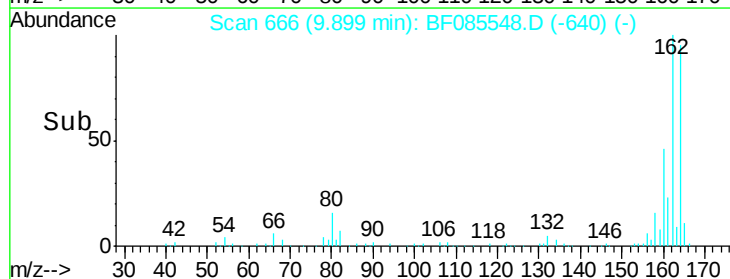
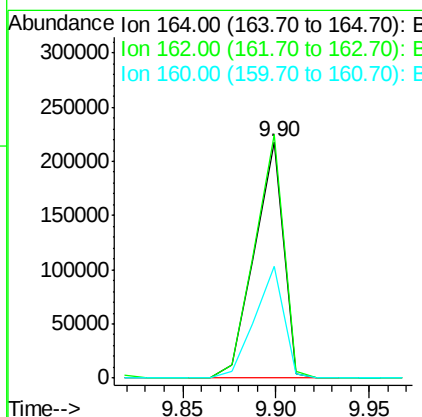
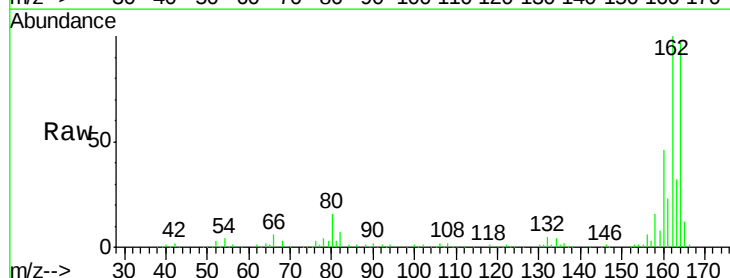
Manual Integrations
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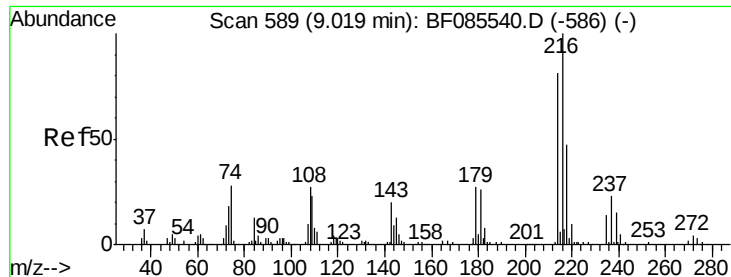
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234660		
162	102.9	82.1	123.1	
160	47.4	37.4	56.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.77 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

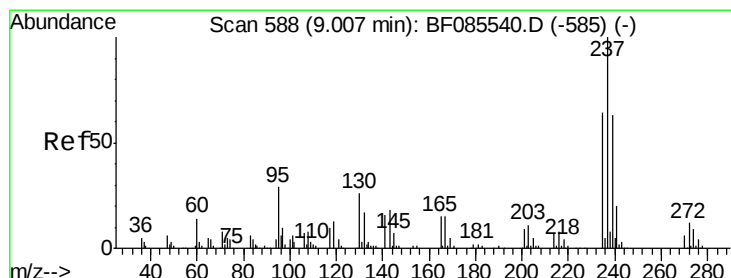
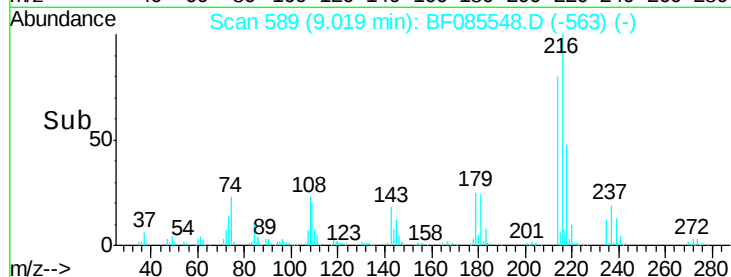
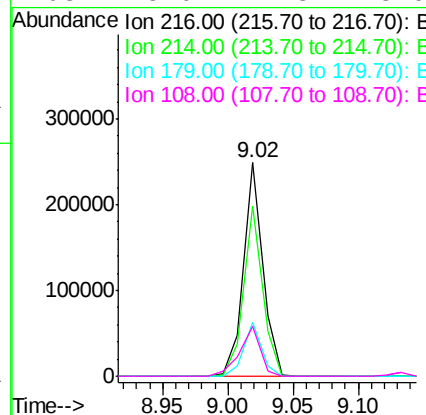
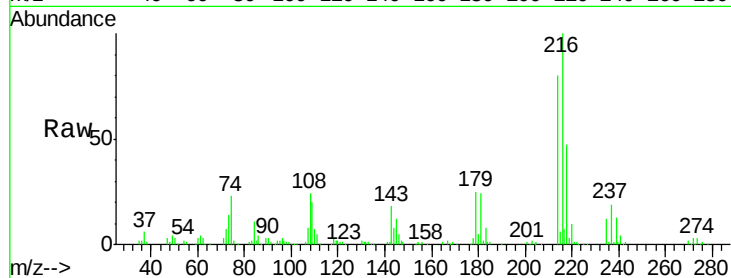
ClientSampleId :

PB88949BS

Tgt Ion:	216	Resp:	254602
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.1	94.7
179	23.6	18.2	27.2
108	25.0	17.3	25.9

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 92.66 ng

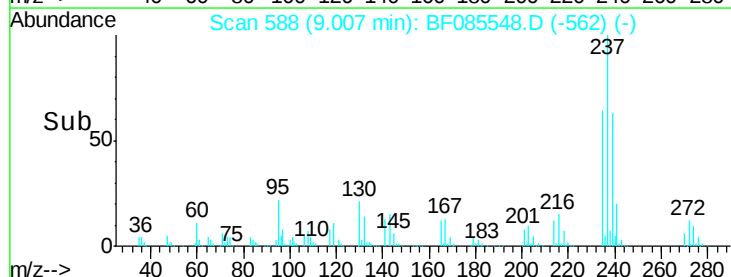
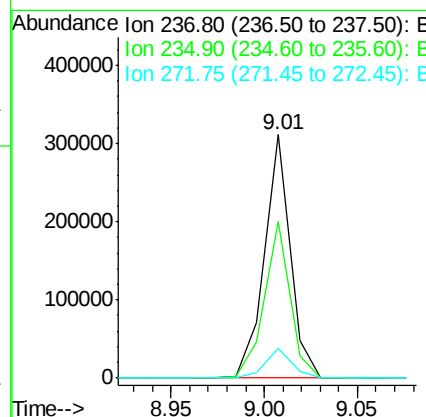
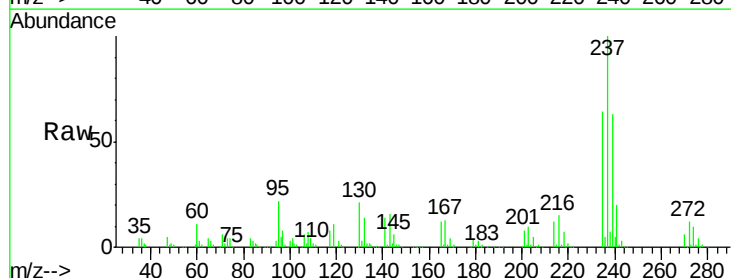
RT: 9.01 min Scan# 588

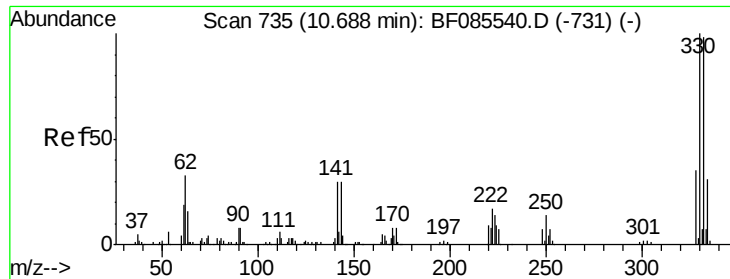
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:	237	Resp:	297272
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.7	83.7
272	12.1	0.0	31.9





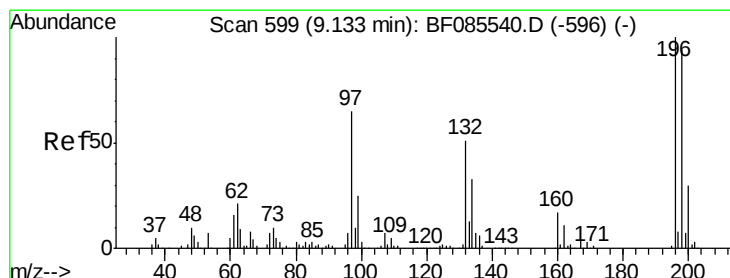
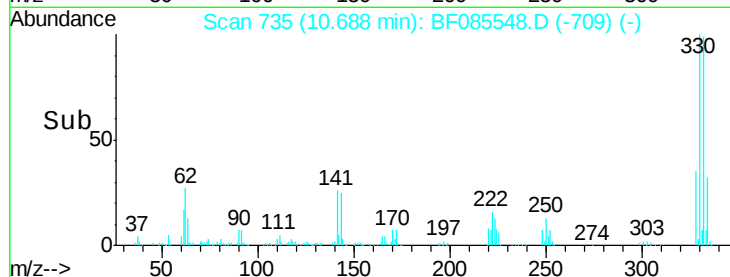
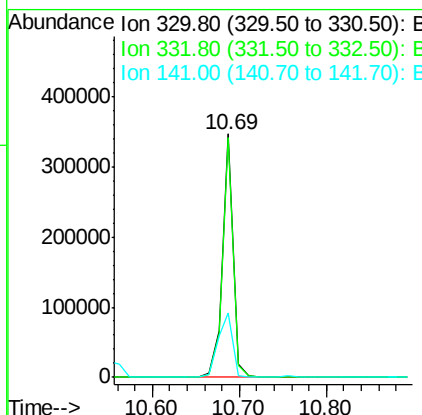
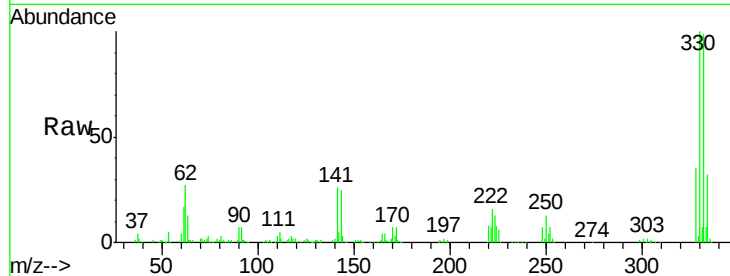
#41
 2,4,6-Tribromophenol
 Concen: 132.41 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	304365		
332	97.9	78.2	117.2	
141	36.1	31.5	47.3	

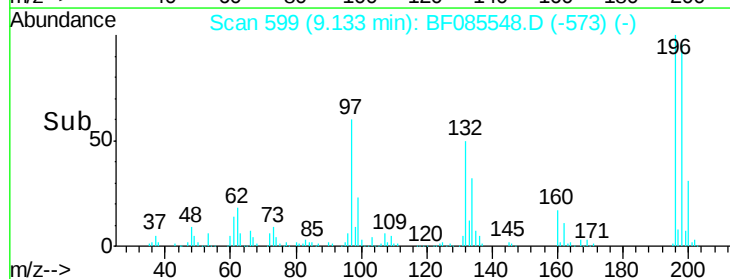
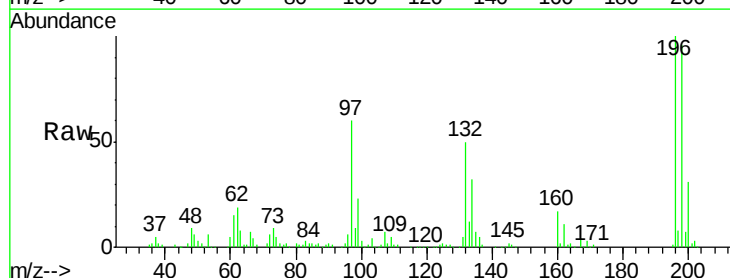
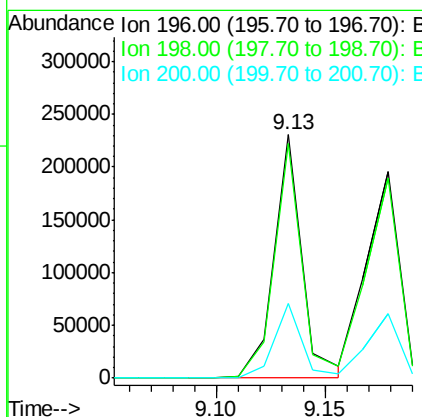
Manual Integrations
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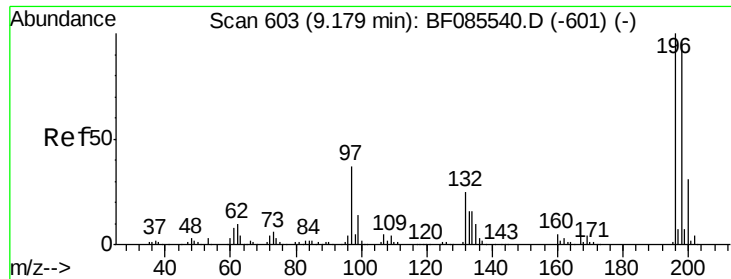
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#42
 2,4,6-Trichlorophenol
 Concen: 42.83 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

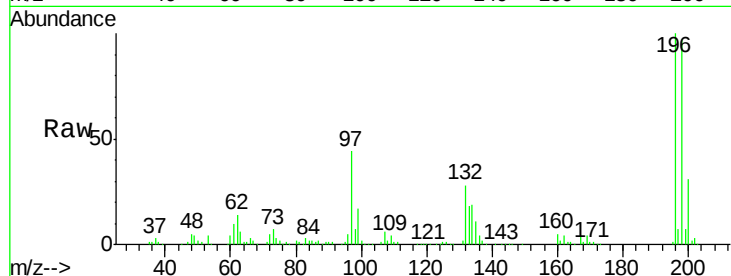
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208698		
198	96.4	75.3	112.9	
200	30.5	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

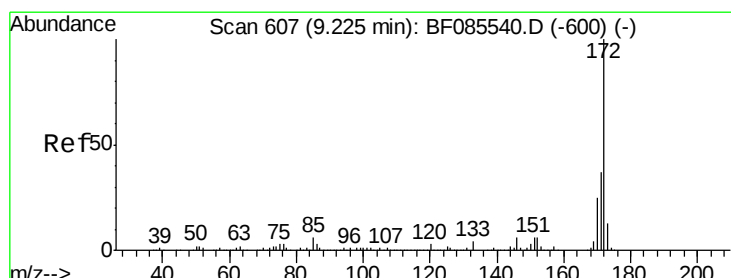
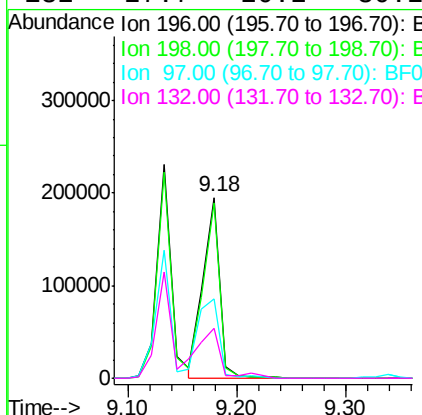
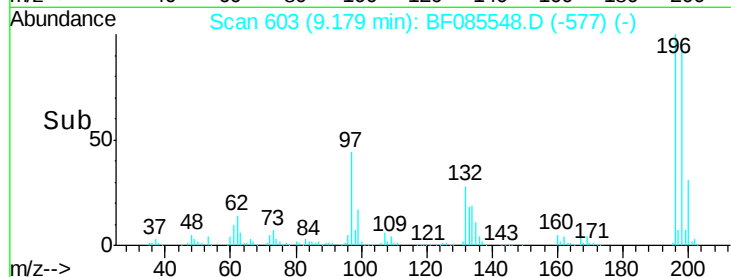
Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211616		
198	97.1	76.6	114.8	
97	44.0	30.5	45.7	
132	27.7	20.2	30.2	

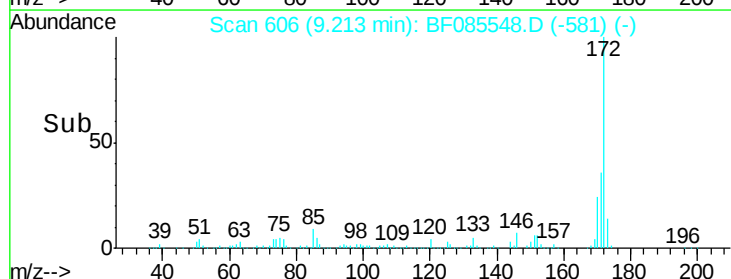
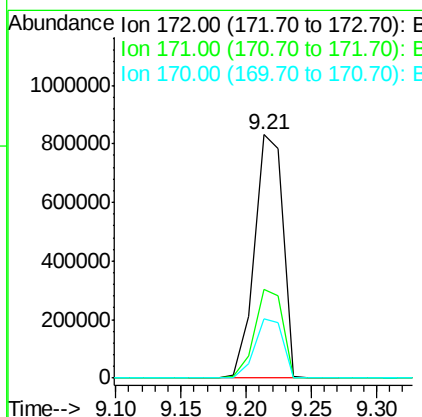
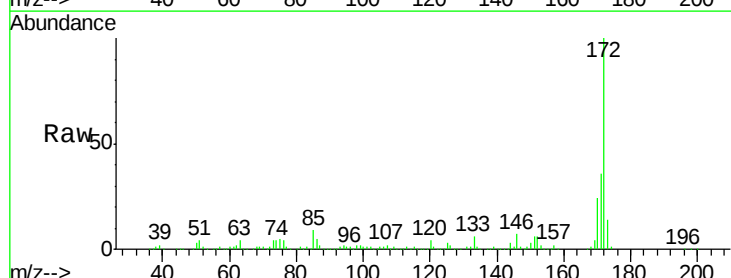
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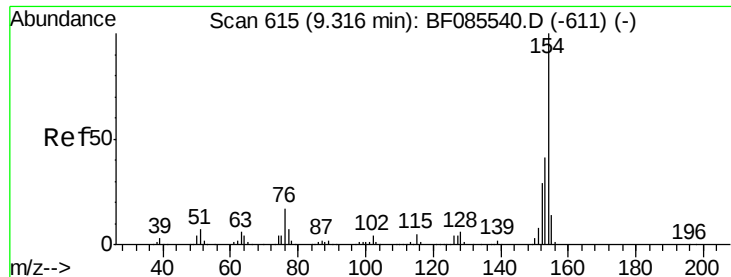
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#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1266919		
171	36.2	29.4	44.2	
170	24.4	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 36.35 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

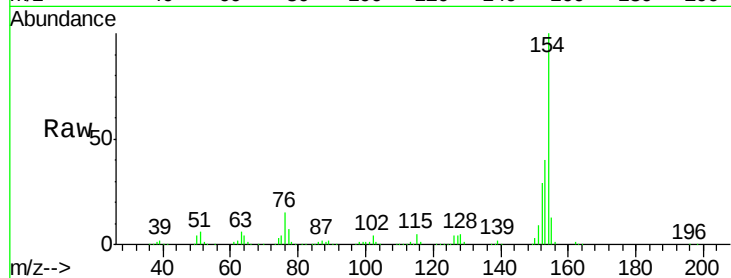
ClientSampleId :

PB88949BS

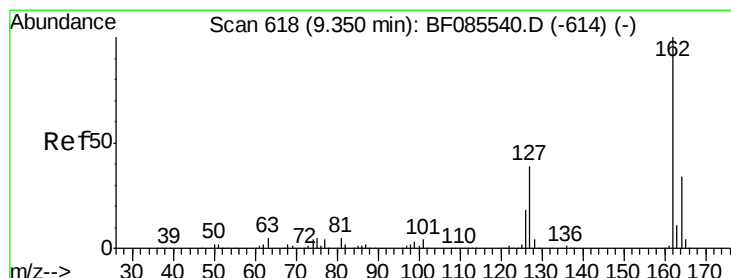
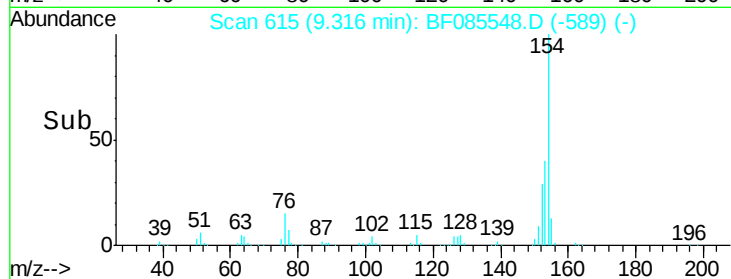
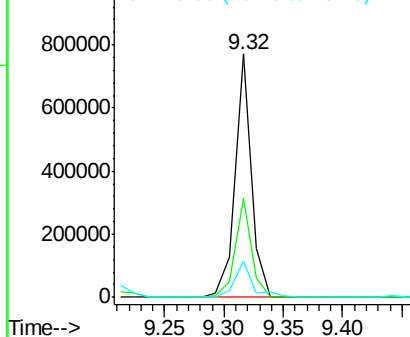
Tgt Ion:	154	Resp:	735805
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.8	60.8
76	14.9	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.54 ng

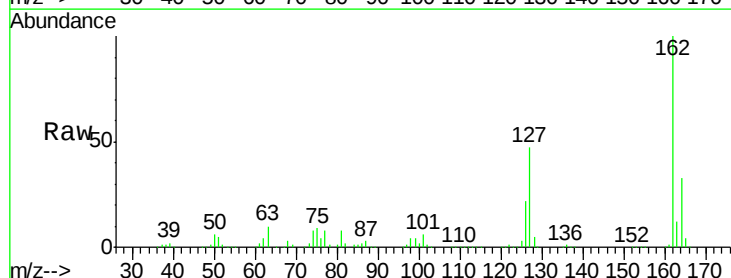
RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

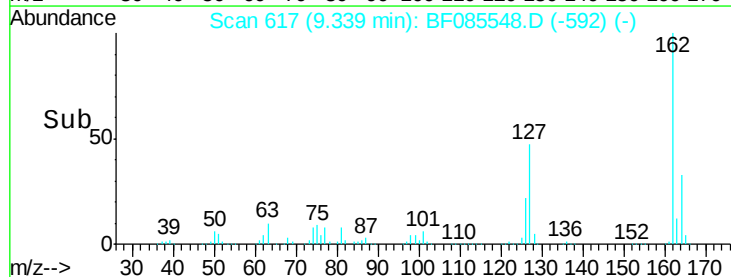
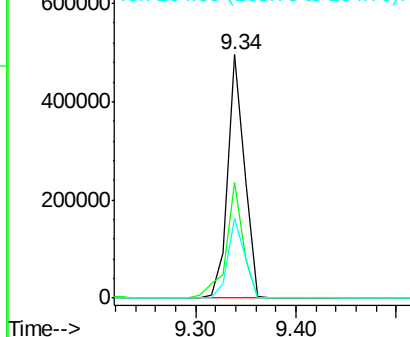
Lab File: BF085548.D

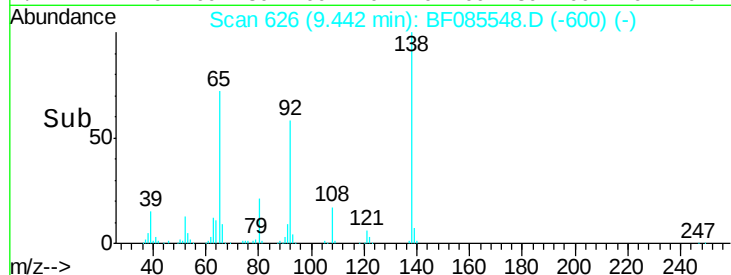
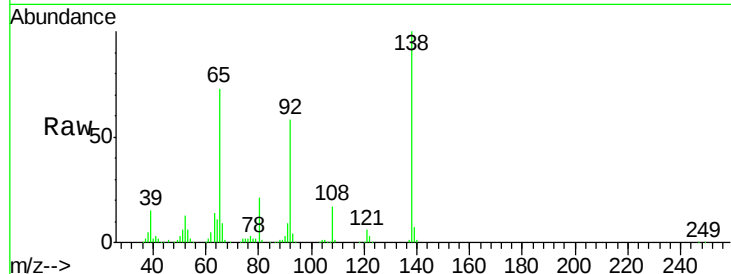
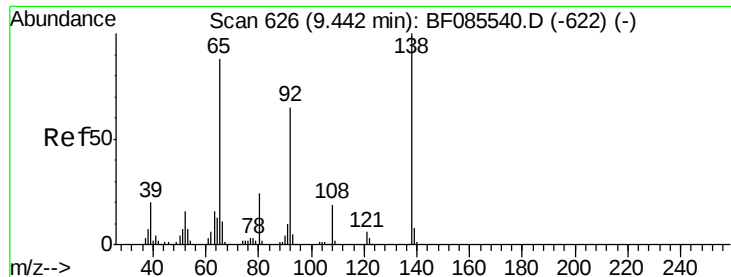
Acq: 19 Mar 2016 2:26

Tgt Ion:	162	Resp:	569926
Ion Ratio	Lower	Upper	
162	100		
127	47.5	31.7	47.5
164	32.8	27.3	40.9



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





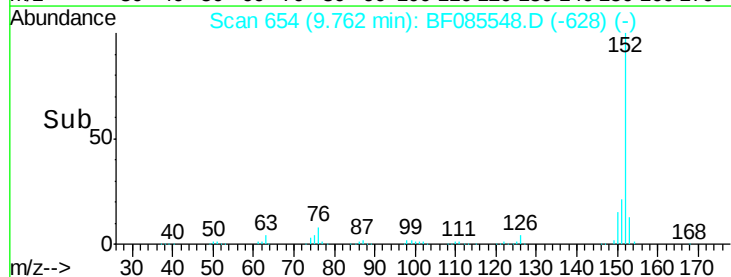
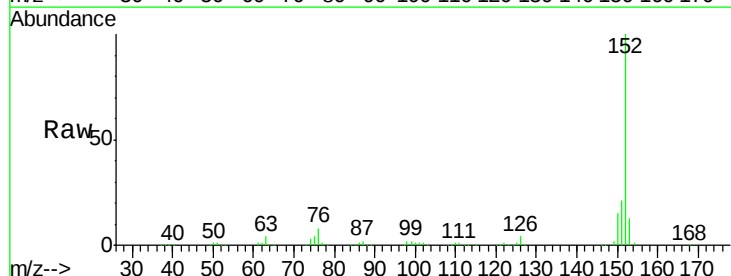
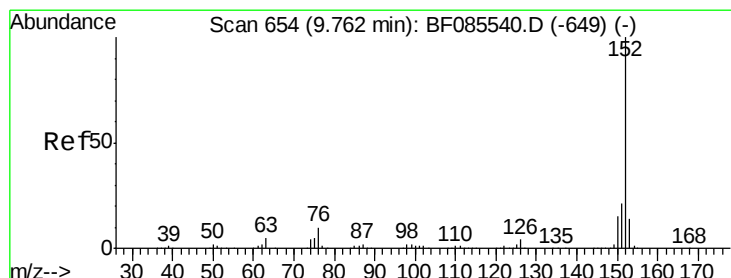
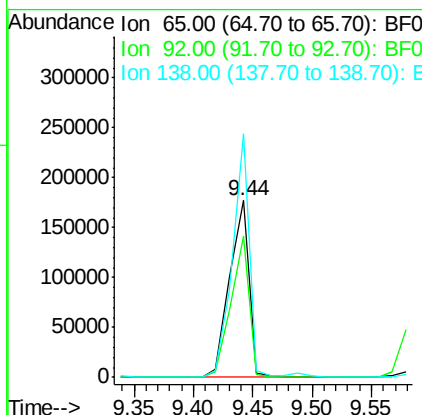
#47
2-Nitroaniline
Concen: 44.93 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion: 65 Resp: 200966
Ion Ratio Lower Upper
65 100
92 79.9 59.7 89.5
138 137.7 91.4 137.0#

Instrument :
BNA_F
ClientSampleId :
PB88949BS

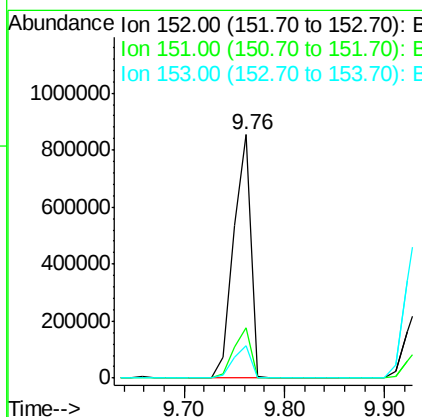
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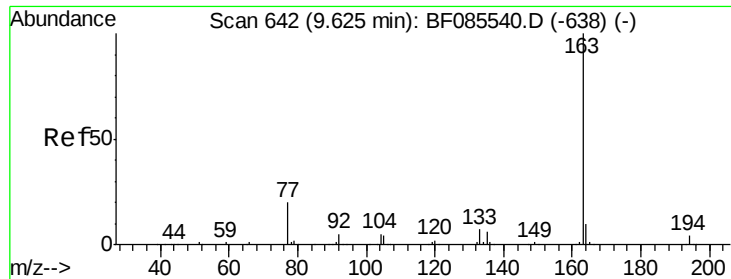
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#48
Acenaphthylene
Concen: 42.37 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion: 152 Resp: 1014000
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.3 10.9 16.3





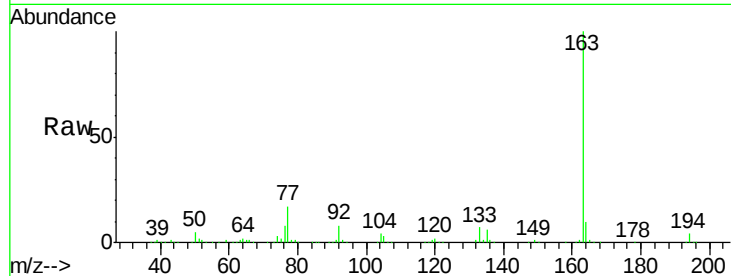
#49
Dimethylphthalate
Concen: 42.59 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

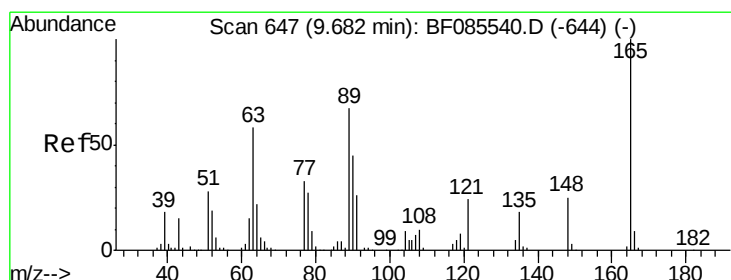
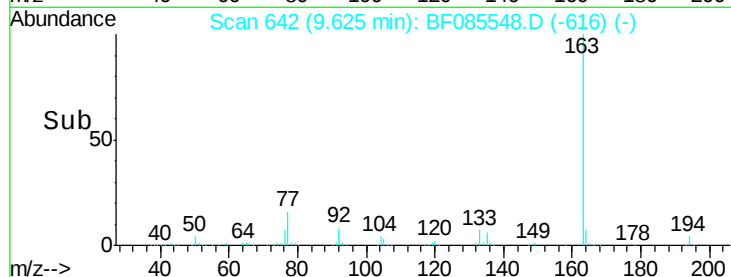
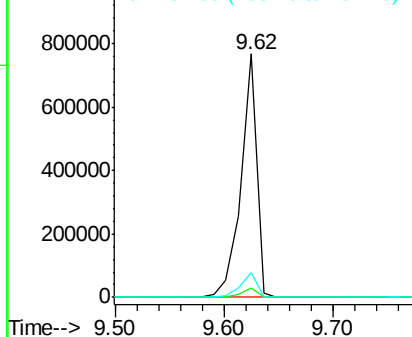
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.9	4.3
164	10.2	8.3	12.5

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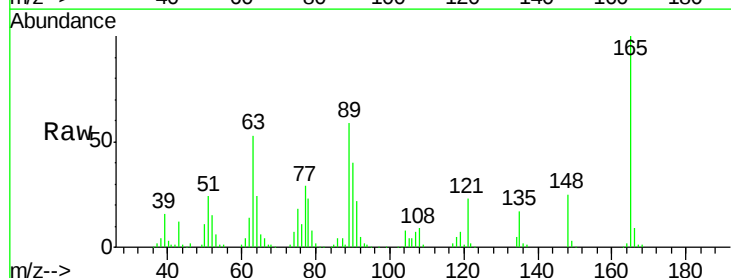


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

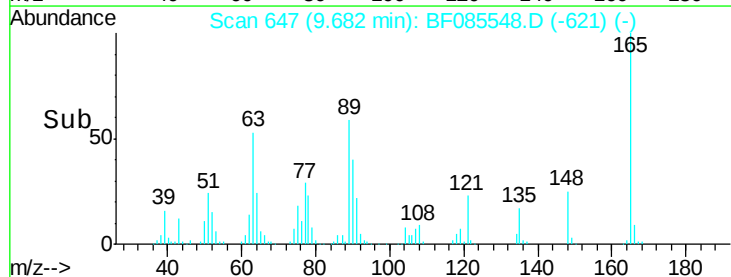
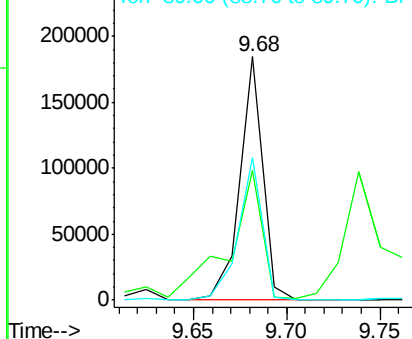


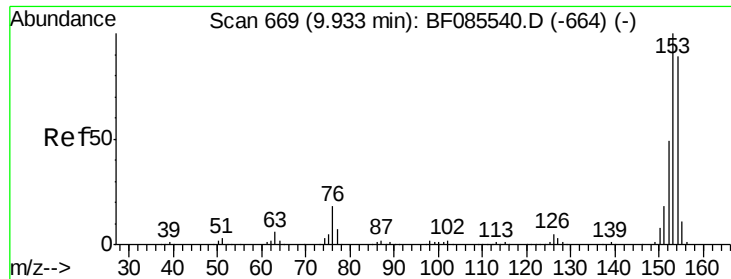
#50
2,6-Dinitrotoluene
Concen: 42.68 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.2	51.8	77.8
89	58.6	53.7	80.5



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





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

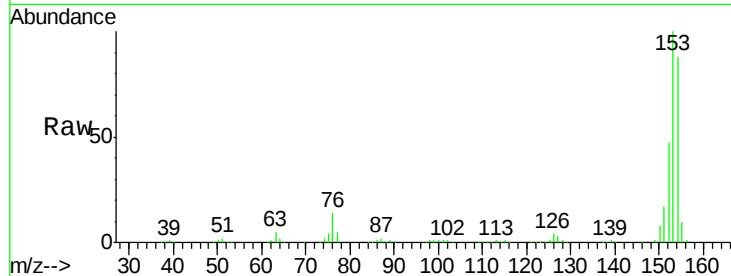
ClientSampleId :

PB88949BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	53.6	44.2	66.2

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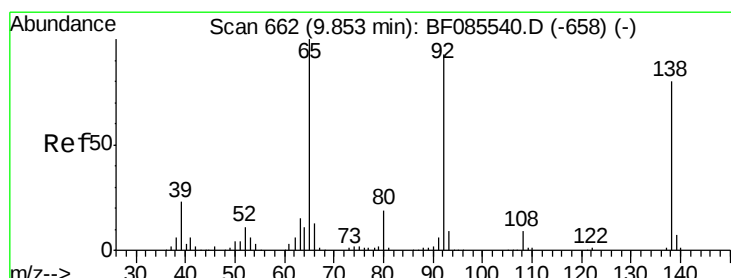
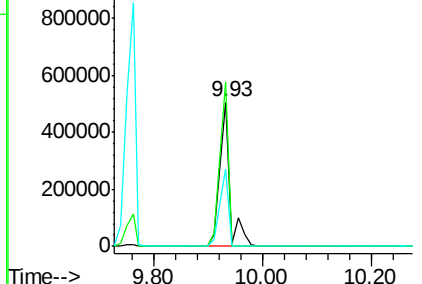
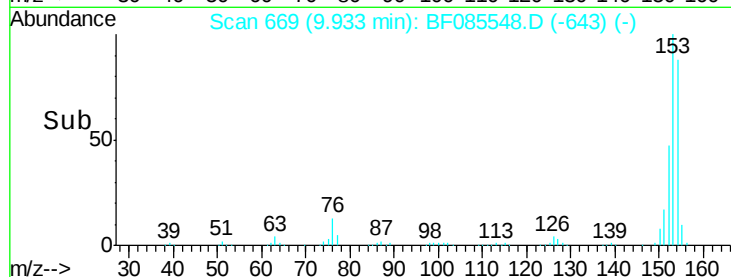
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.25 ng

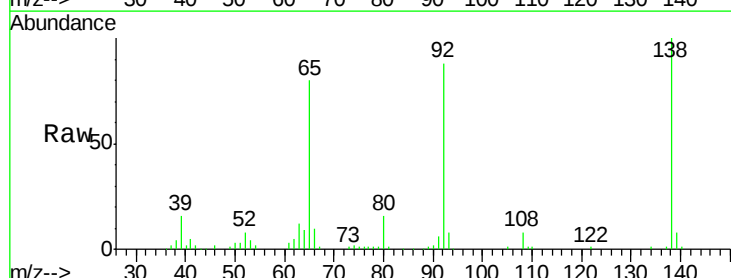
RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

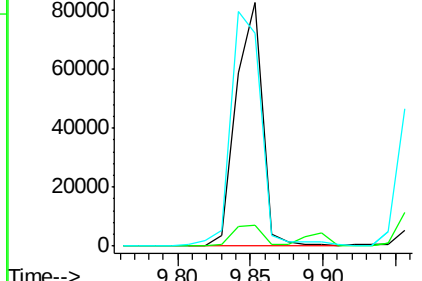
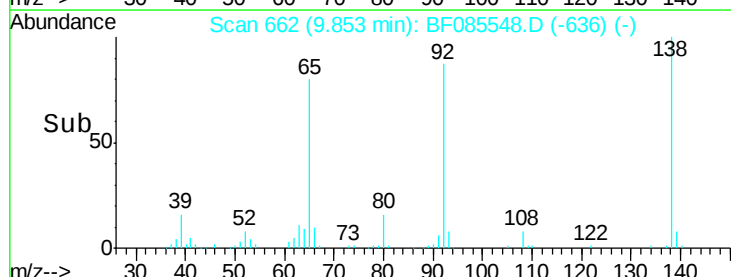
Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.5	8.7	13.1#
92	87.6	93.3	139.9#

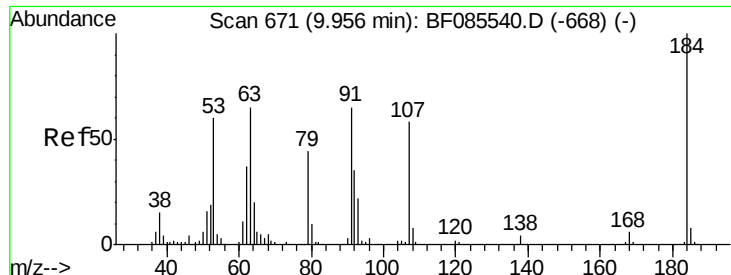


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





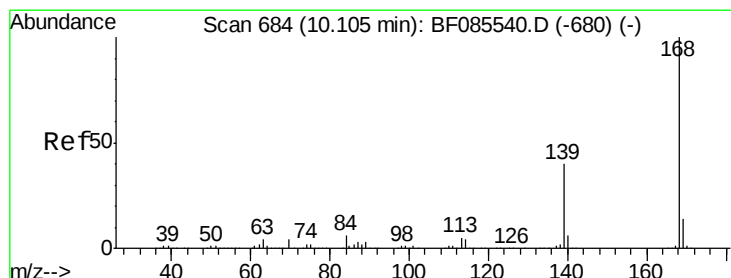
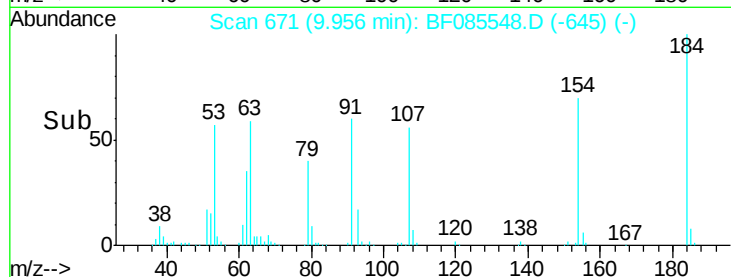
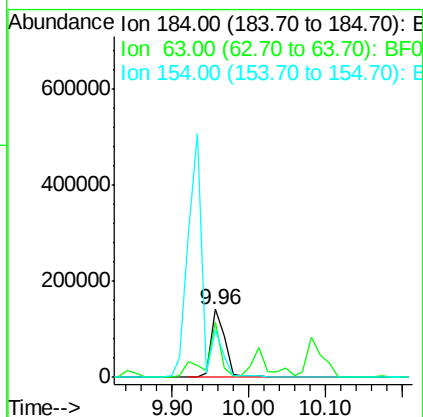
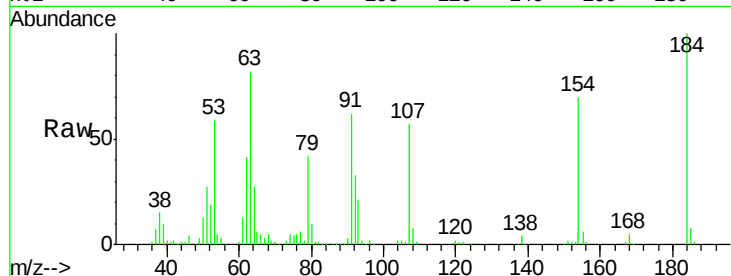
#53
2,4-Dinitrophenol
Concen: 76.23 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	174566		
63	82.4	69.5	104.3	
154	70.4	58.3	87.5	

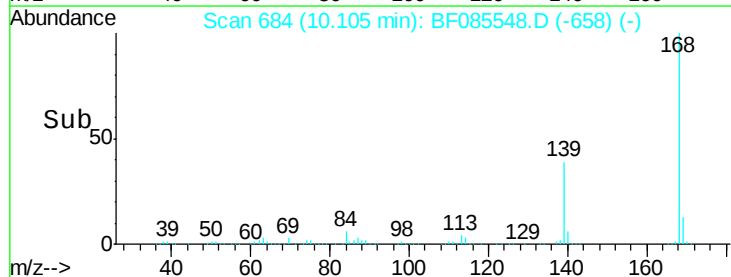
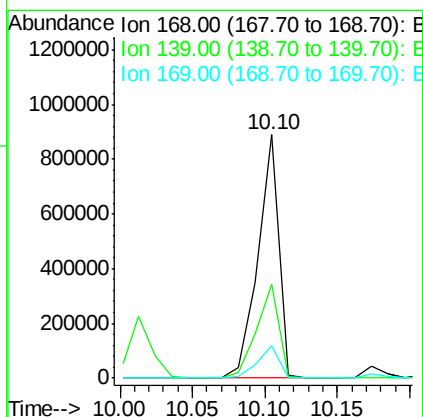
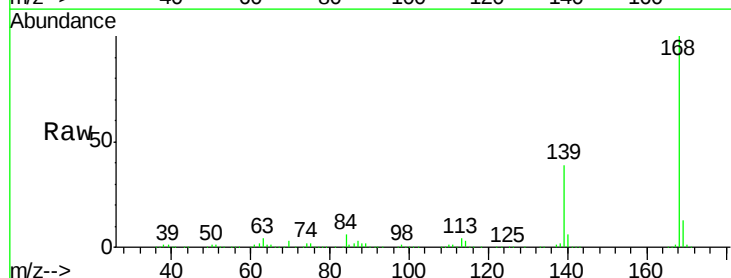
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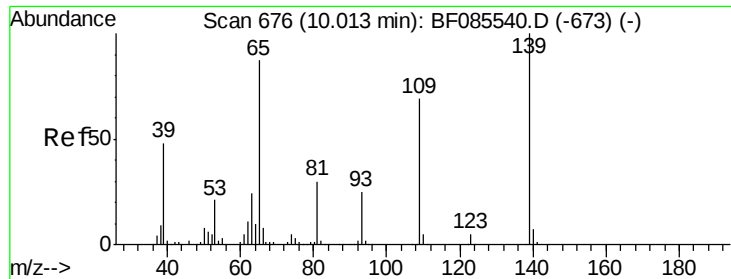
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#54
Dibenzofuran
Concen: 48.59 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	888559		
139	38.6	31.9	47.9	
169	13.4	11.0	16.6	





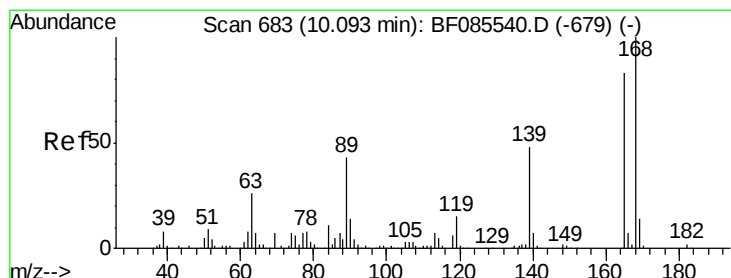
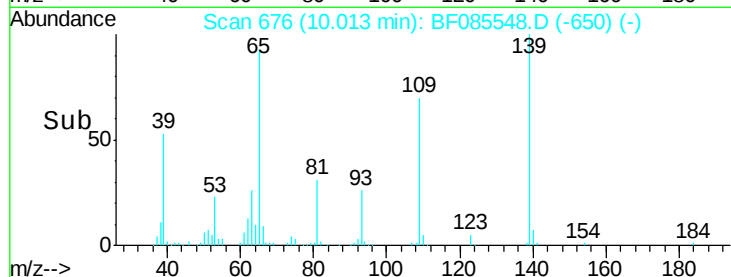
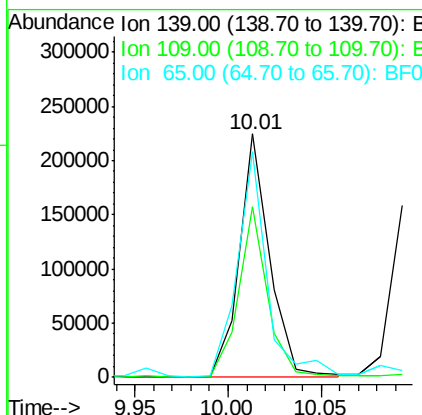
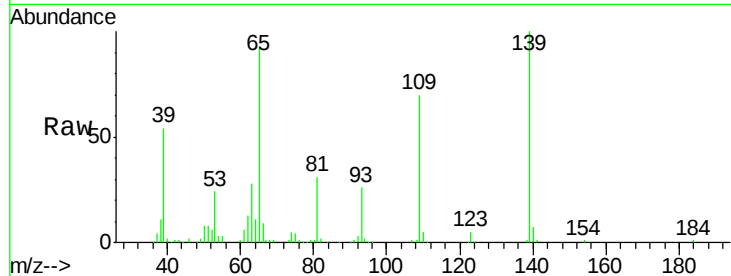
#55
4-Nitrophenol
Concen: 70.78 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	256121		
109	70.2	49.2	89.2	
65	92.9	66.9	106.9	

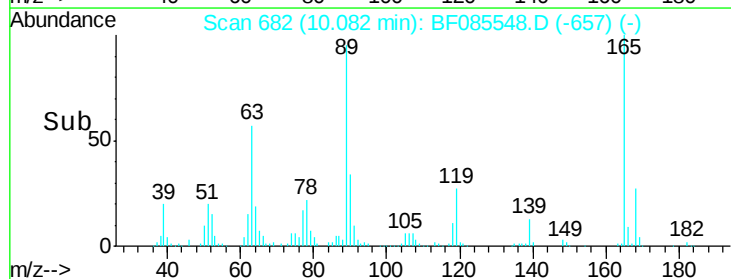
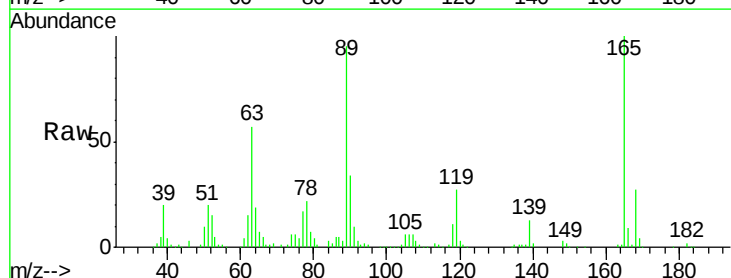
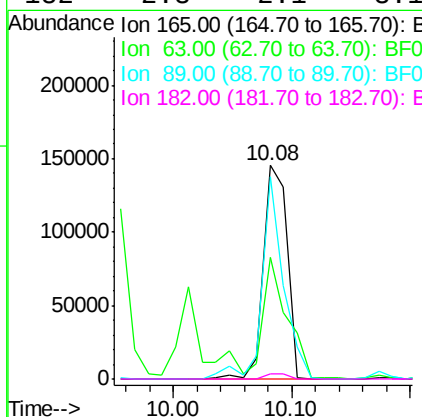
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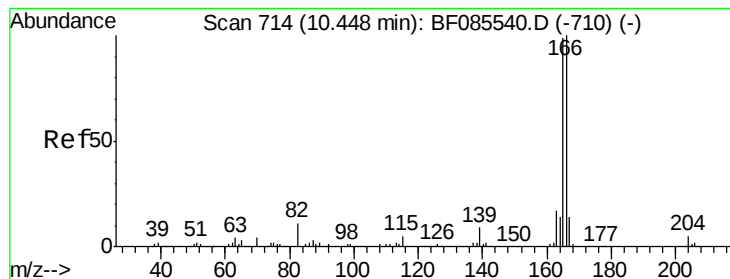
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#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202724		
63	57.1	24.9	37.3#	
89	94.9	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 43.92 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085548.D

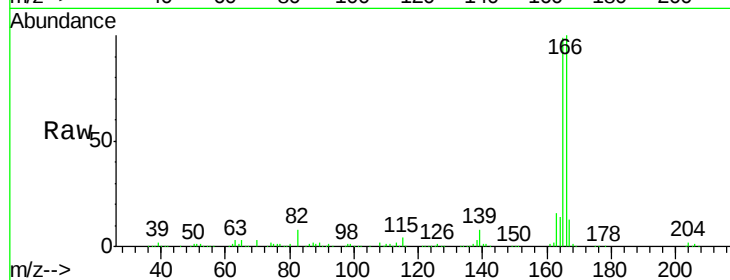
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS



Tgt Ion:166 Resp: 669329

Ion Ratio Lower Upper

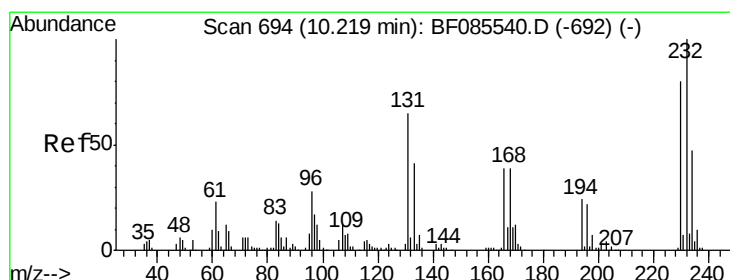
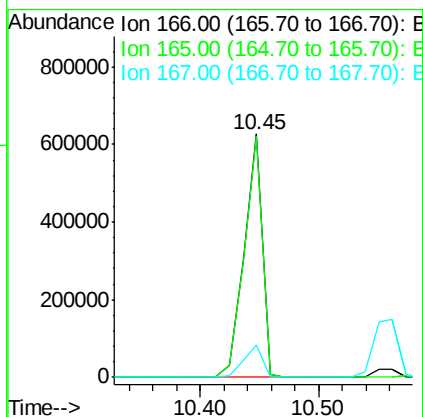
166 100

165 98.9 79.4 119.0

167 13.1 11.0 16.4

Manual Integrations
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apatel
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.14 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:232 Resp: 164728

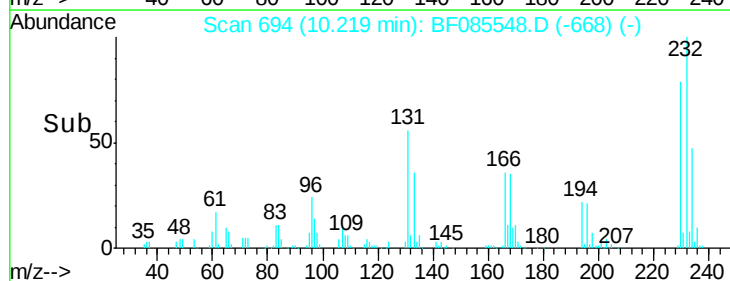
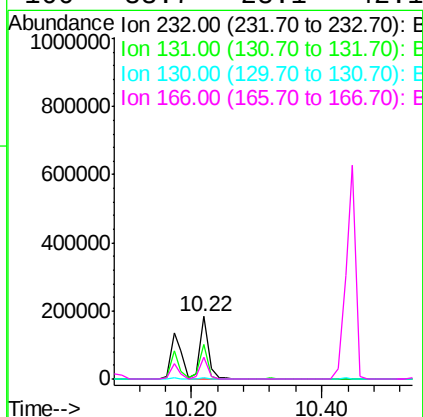
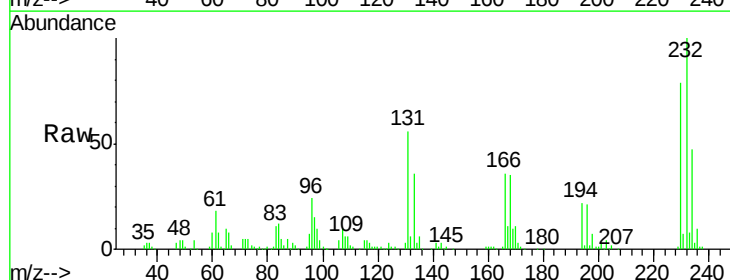
Ion Ratio Lower Upper

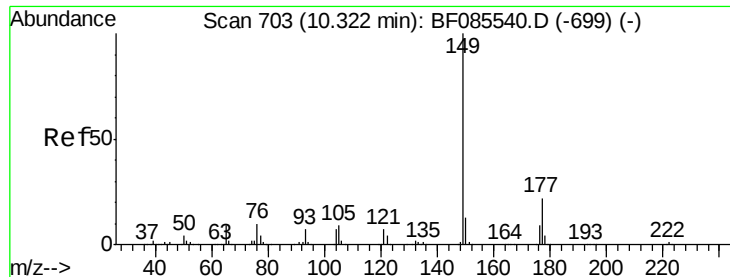
232 100

131 55.2 44.9 67.3

130 2.7 2.3 3.5

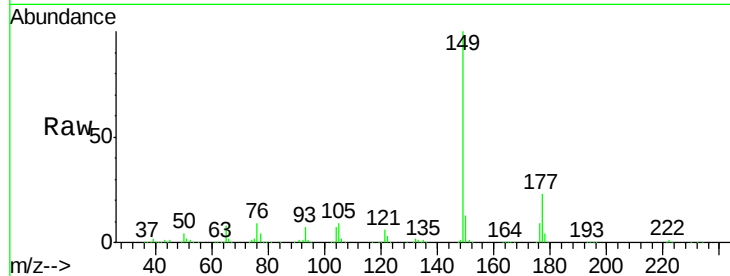
166 33.7 28.1 42.1





#59
Diethylphthalate
Concen: 41.24 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

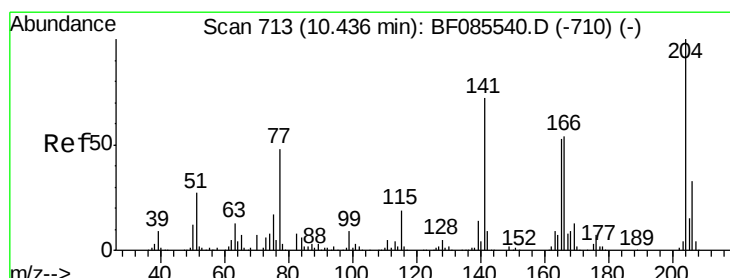
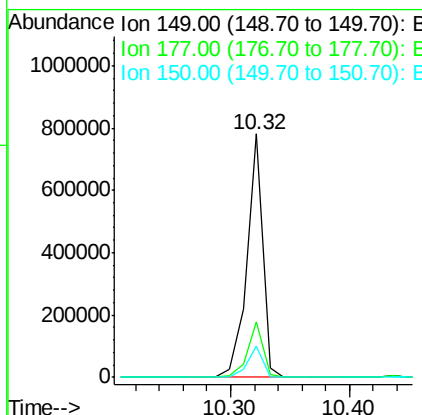
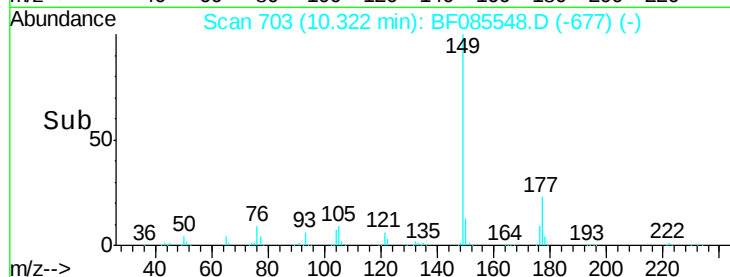
Instrument :
BNA_F
ClientSampled :
PB88949BS



Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.9	26.9
150	12.7	10.2	15.2

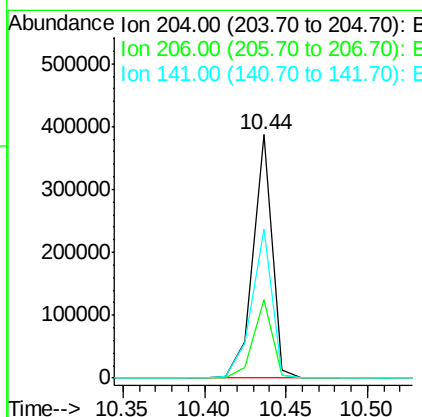
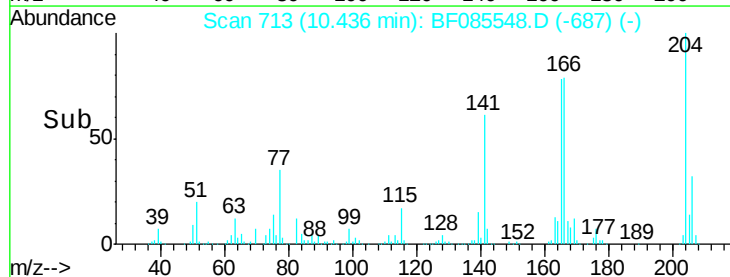
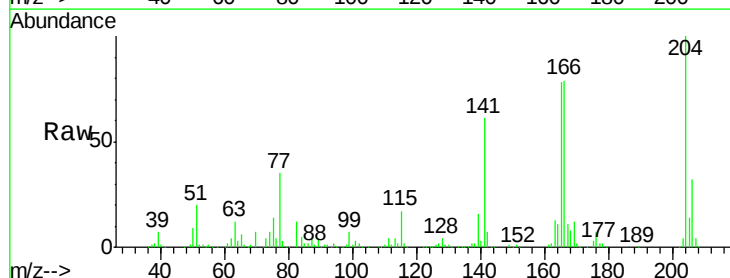
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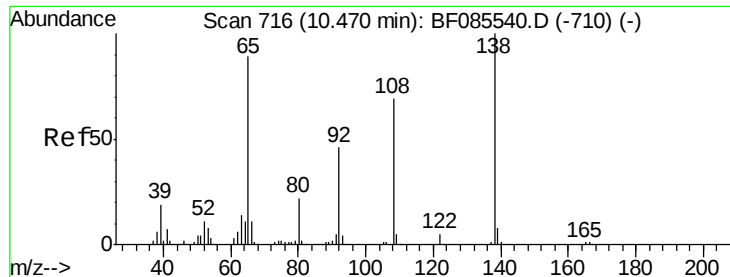
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#60
4-Chlorophenyl-phenylether
Concen: 42.52 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	61.0	57.4	86.0





#61

4-Nitroaniline

Concen: 42.28 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085548.D

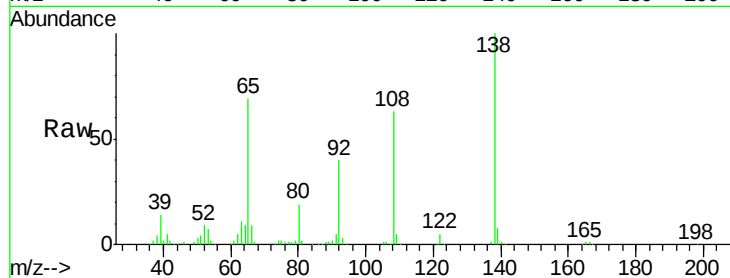
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

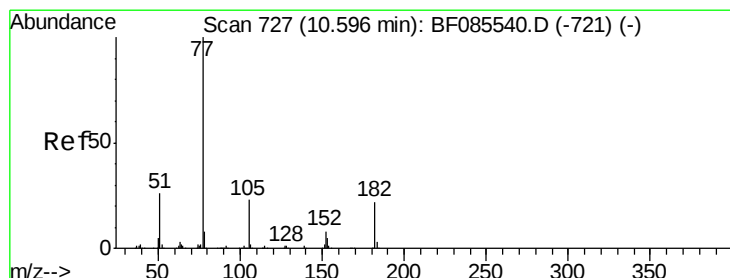
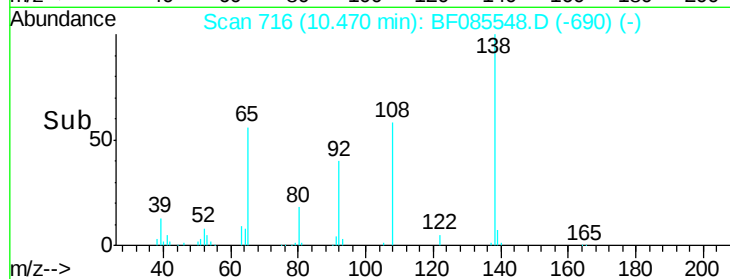
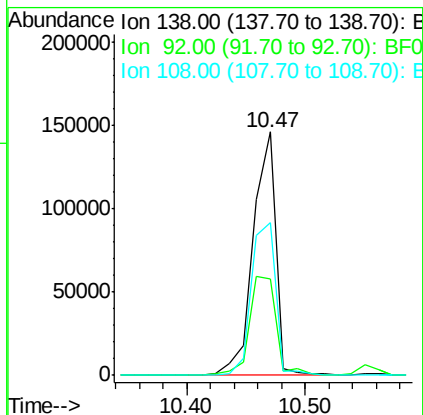
PB88949BS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	195120		
92	39.6	26.4	66.4	
108	63.0	49.0	89.0	

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#62

Azobenzene

Concen: 46.00 ng

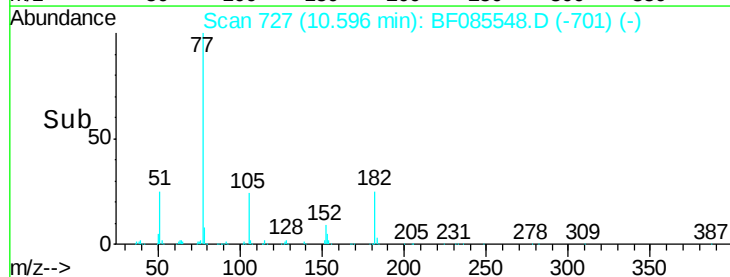
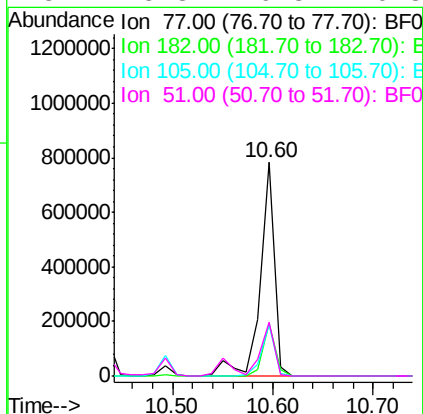
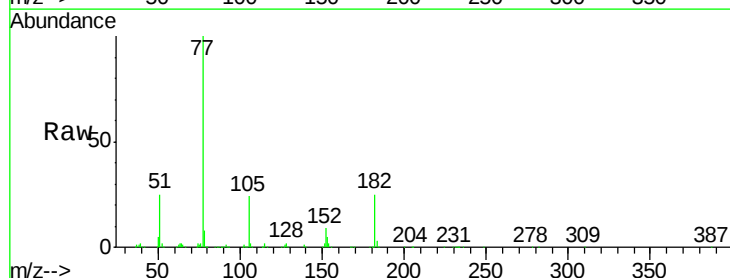
RT: 10.60 min Scan# 727

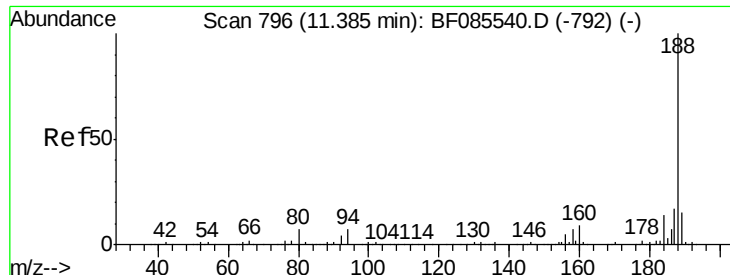
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	777211		
182	24.9	1.9	41.9	
105	24.1	3.5	43.5	
51	25.3	6.3	46.3	





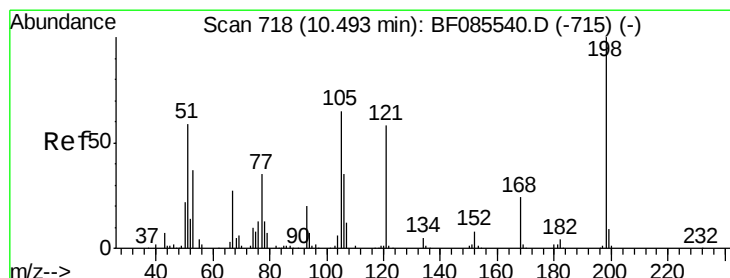
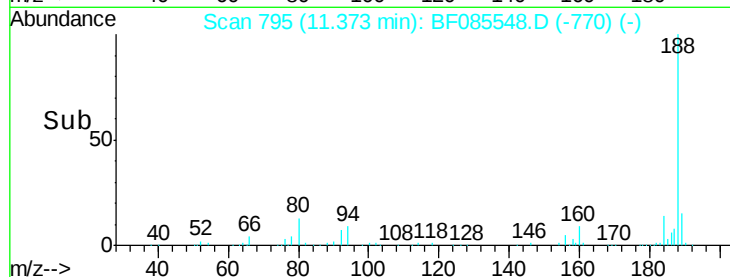
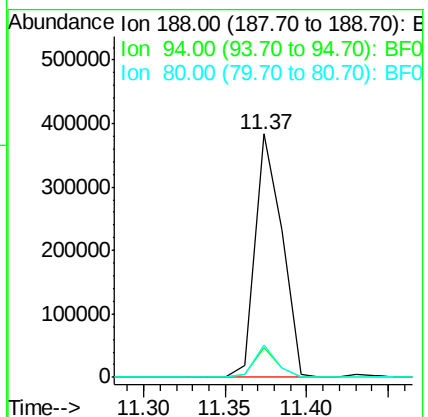
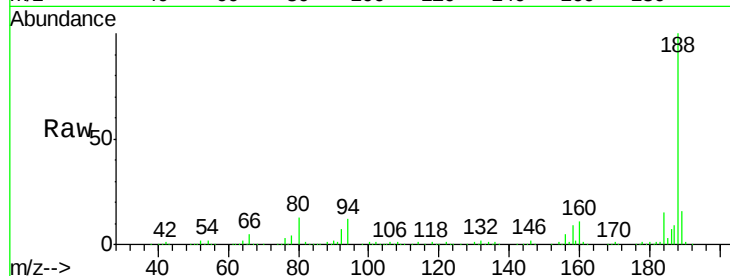
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	5.4	8.0#
80	13.2	5.5	8.3#

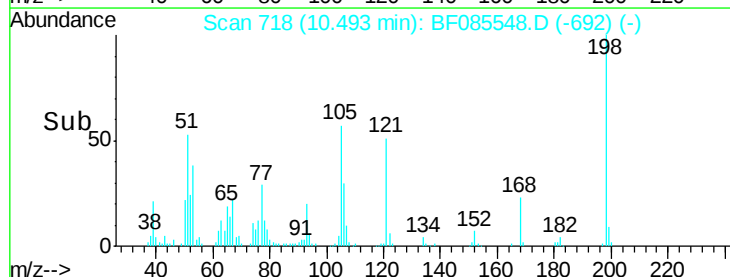
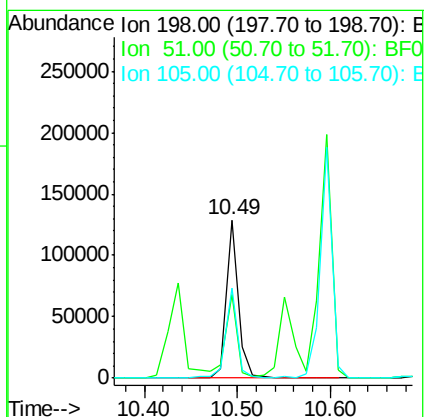
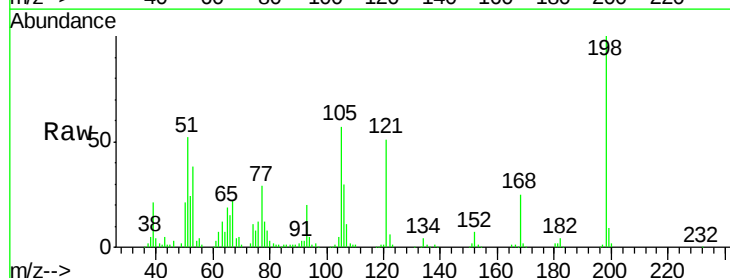
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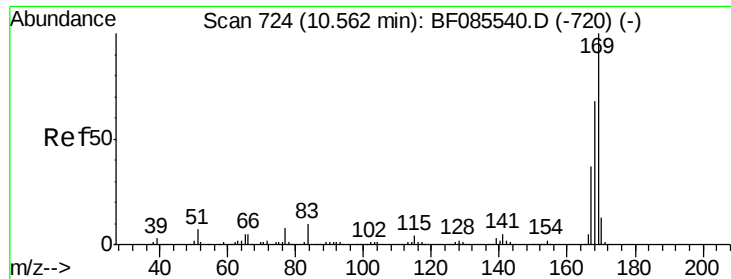
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.78 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.5	45.4	85.4
105	56.5	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 41.83 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

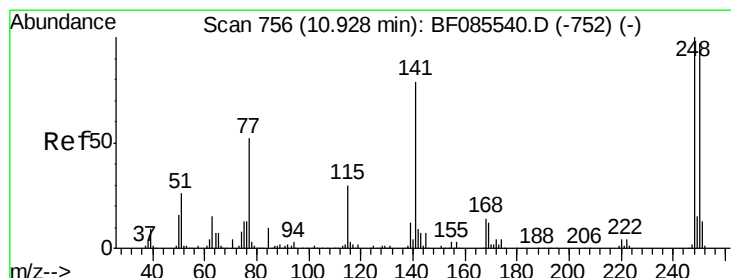
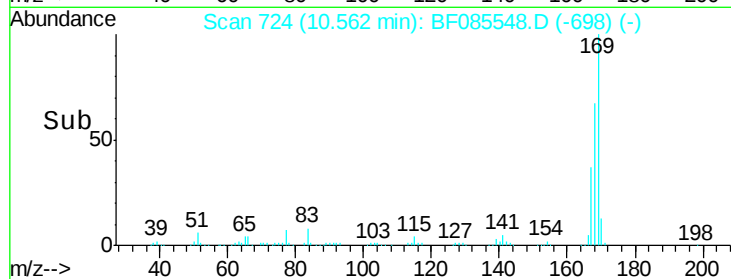
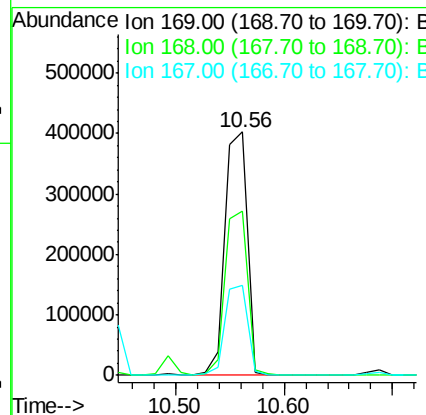
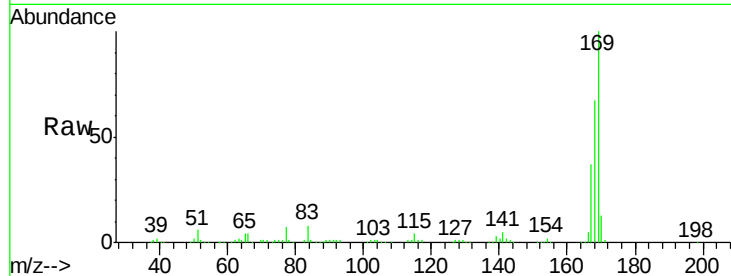
ClientSampled :

PB88949BS

Tgt Ion:	169	Resp:	573764
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.4	81.6
167	37.2	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 43.52 ng

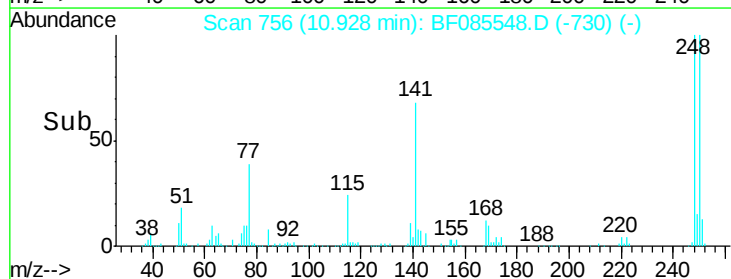
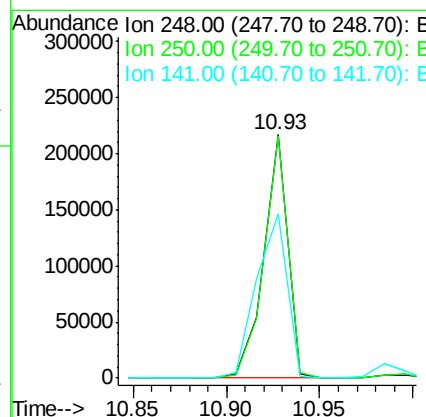
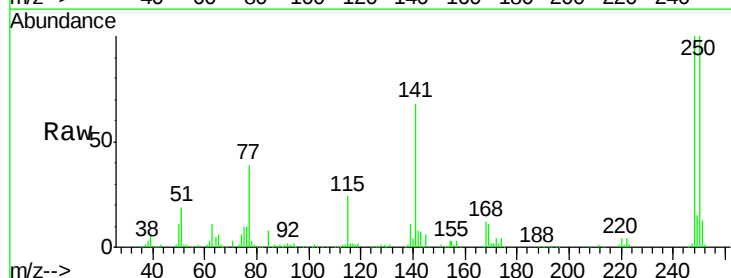
RT: 10.93 min Scan# 756

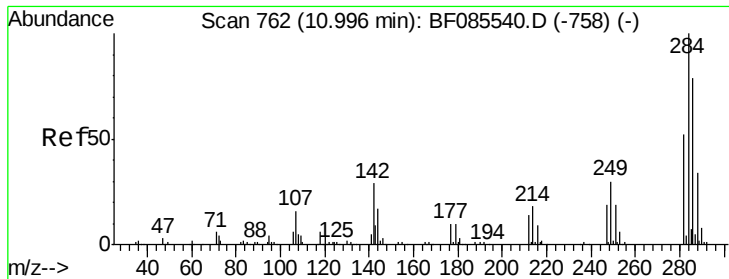
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:	248	Resp:	191425
Ion Ratio	Lower	Upper	
248	100		
250	99.6	77.4	116.0
141	67.6	63.6	95.4





#67

Hexachlorobenzene

Concen: 43.79 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085548.D

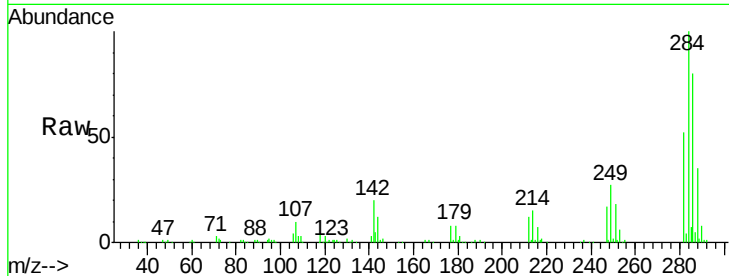
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampled :

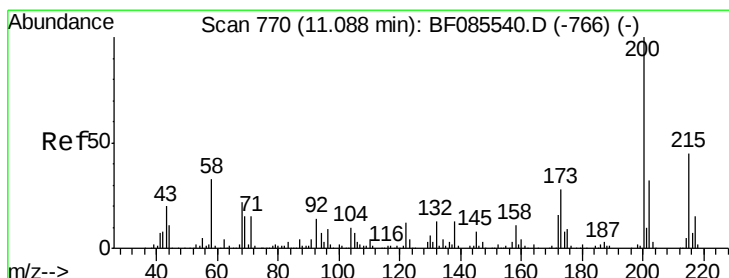
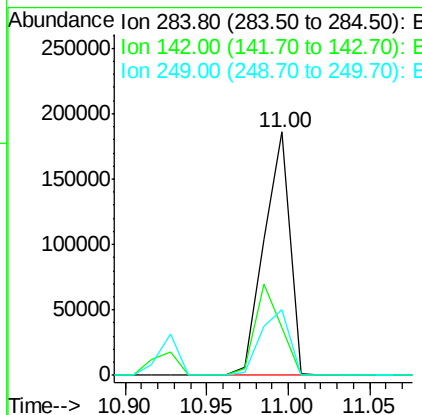
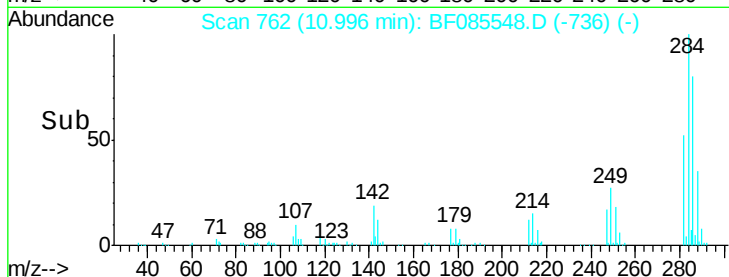
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Tgt Ion:	284	Resp:	204647
Ion Ratio	Lower	Upper	
284	100		
142	19.5	23.1	34.7#
249	27.2	24.2	36.2

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#68

Atrazine

Concen: 50.41 ng

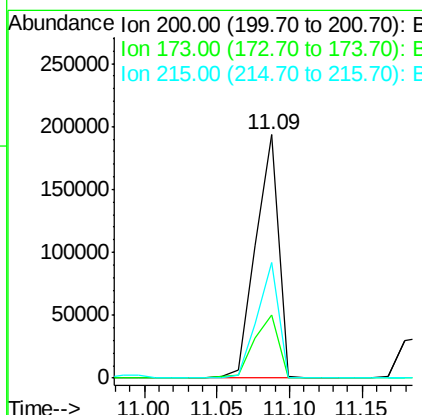
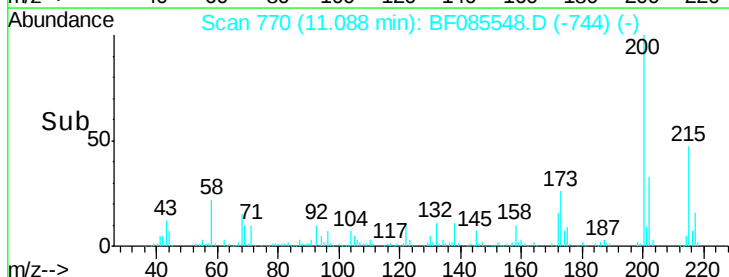
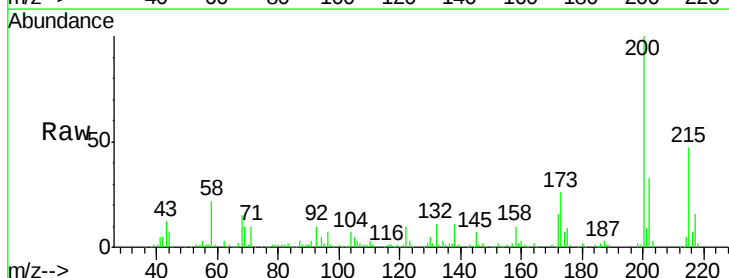
RT: 11.09 min Scan# 770

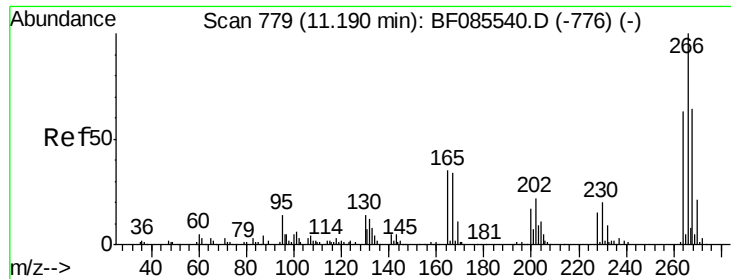
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:	200	Resp:	210513
Ion Ratio	Lower	Upper	
200	100		
173	26.0	7.7	47.7
215	47.4	25.4	65.4





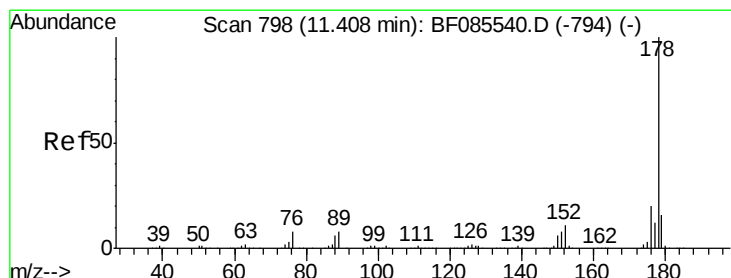
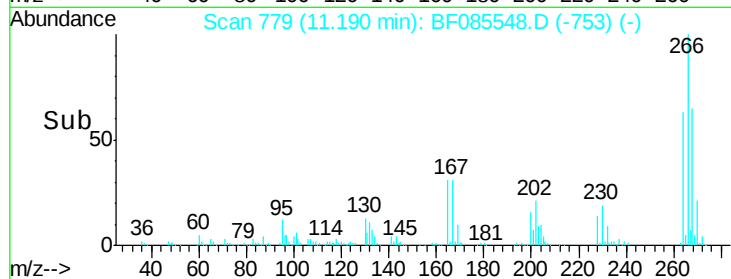
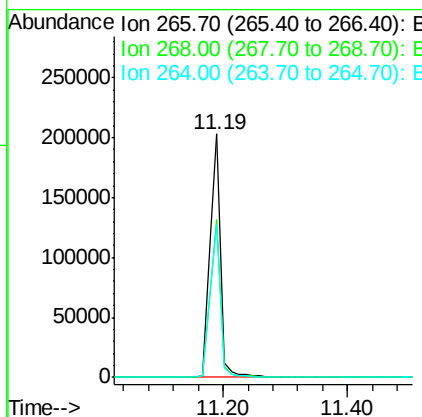
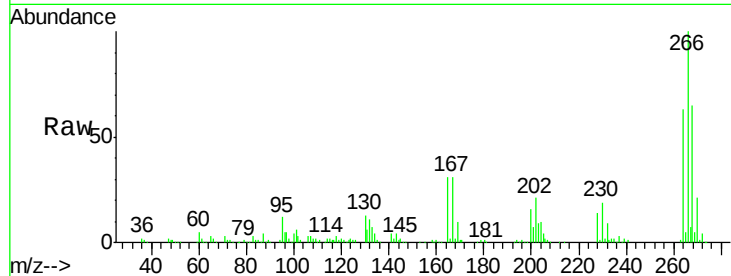
#69
 Pentachlorophenol
 Concen: 84.47 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampled :
 PB88949BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	239673		
268	64.6	51.5	77.3	
264	63.0	50.6	76.0	

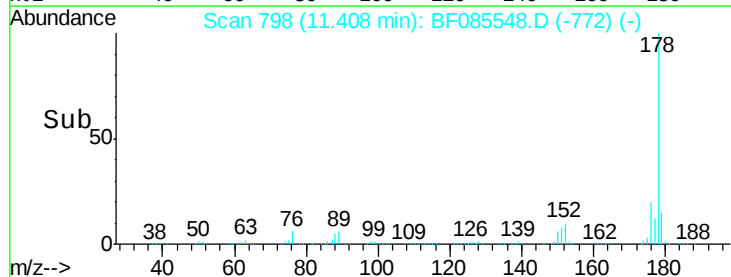
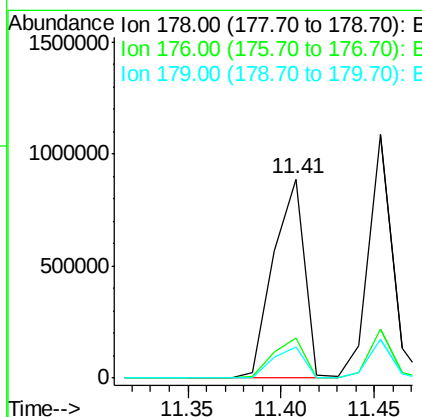
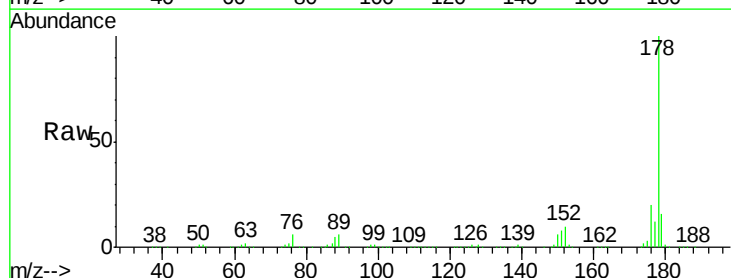
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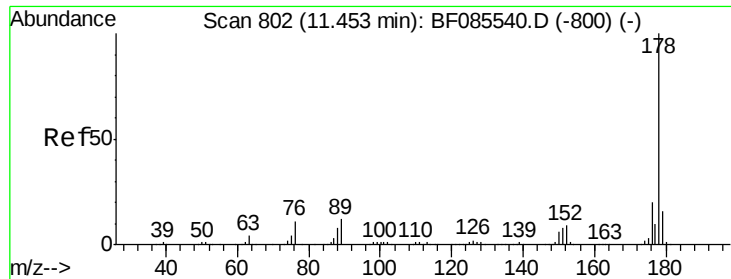
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#70
 Phenanthrene
 Concen: 44.52 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1033776		
176	20.2	16.3	24.5	
179	15.5	12.6	18.8	





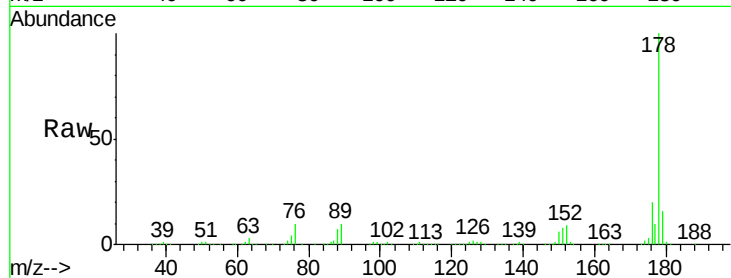
#71
 Anthracene
 Concen: 39.03 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

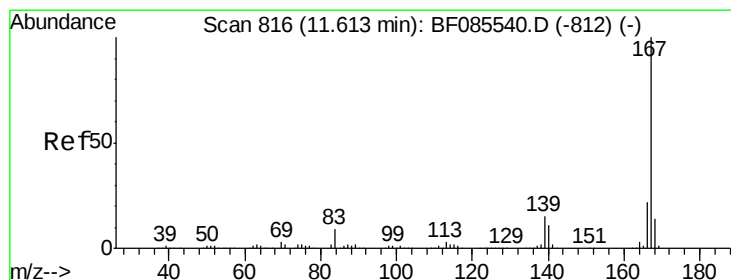
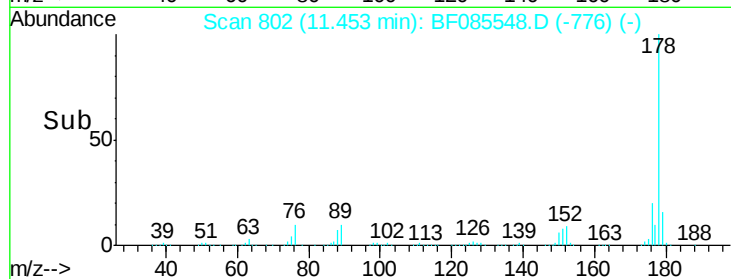
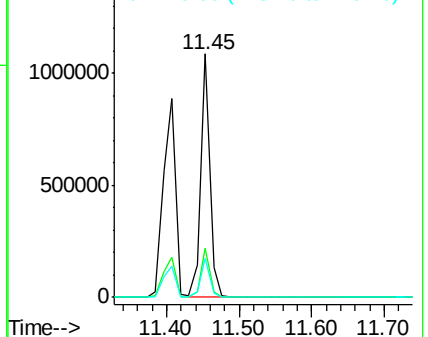
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.0	13.0	19.4

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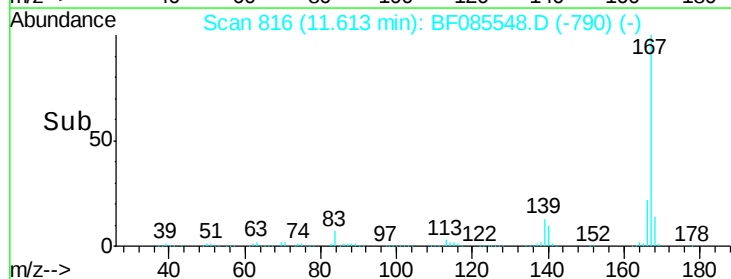
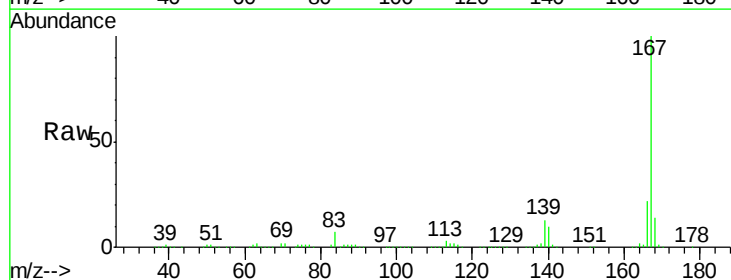
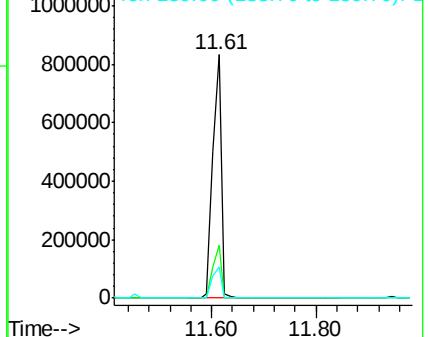
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

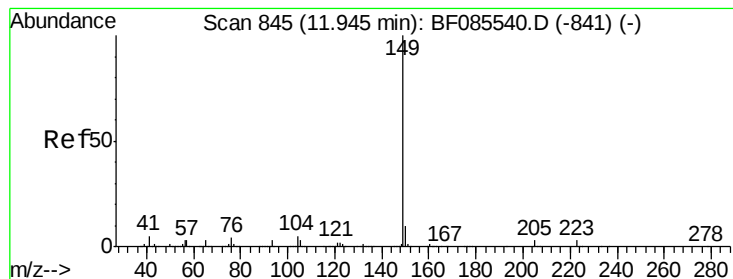


#72
 Carbazole
 Concen: 45.13 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	13.0	11.6	17.4

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





#73

Di-n-butylphthalate

Concen: 43.35 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

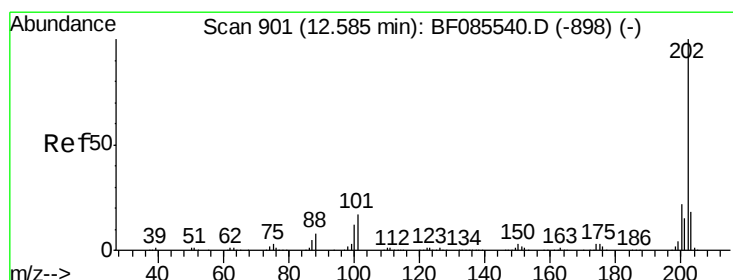
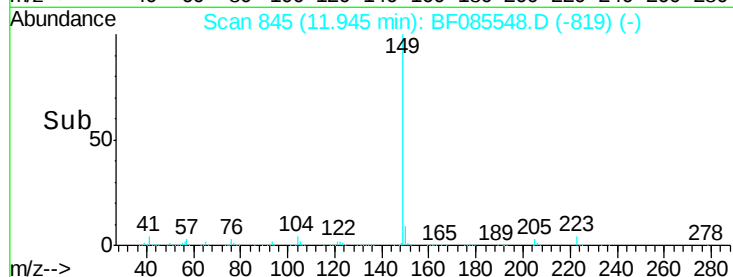
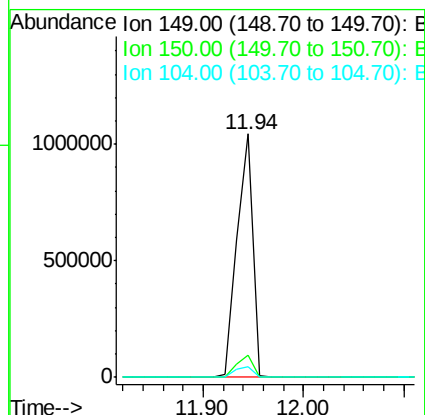
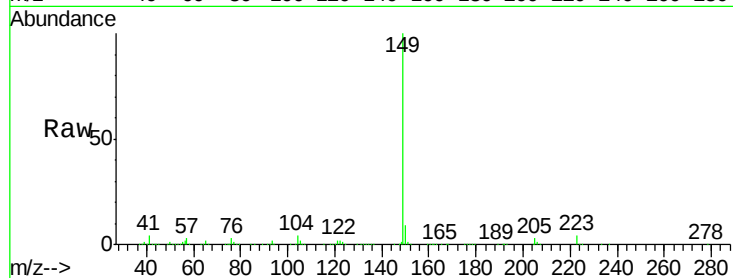
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Tgt Ion:	149	Resp:	1139964
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.3	3.8	5.8



#74

Fluoranthene

Concen: 38.80 ng

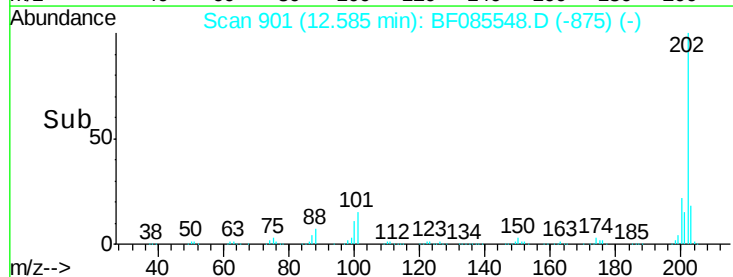
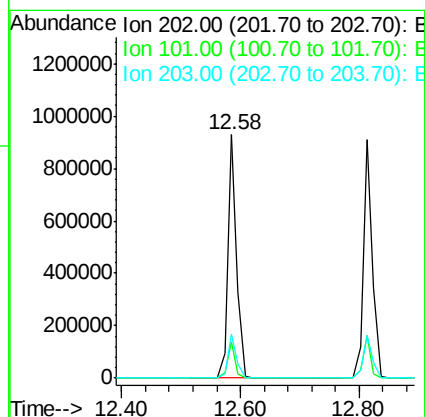
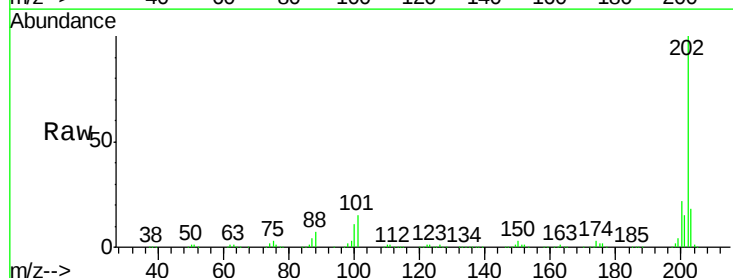
RT: 12.58 min Scan# 901

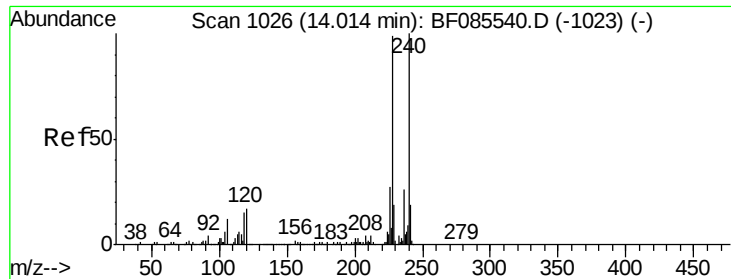
Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

Tgt Ion:	202	Resp:	943383
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	36.6
203	18.2	0.0	38.1





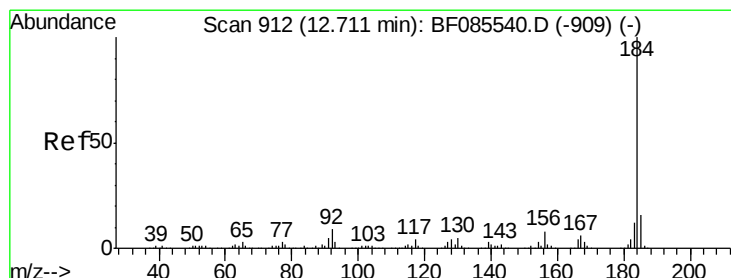
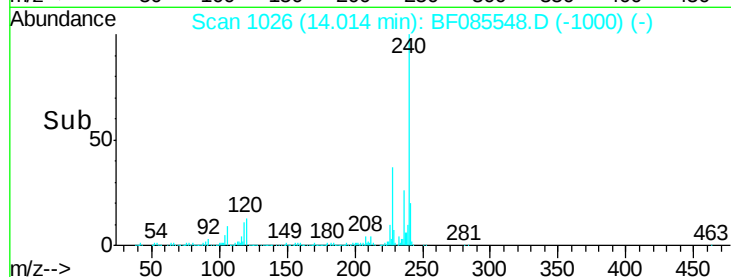
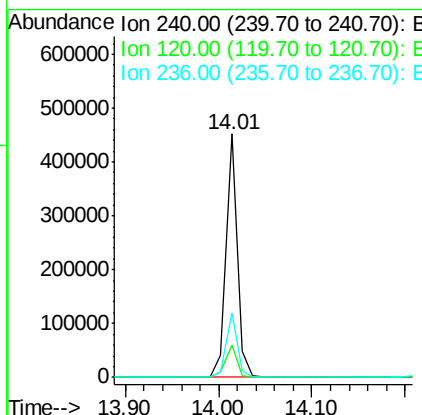
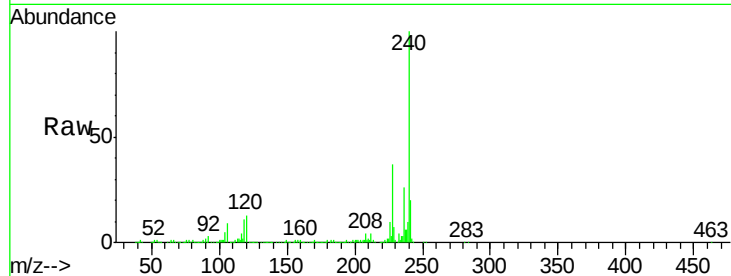
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	13.8	20.8#
236	26.5	20.6	30.8

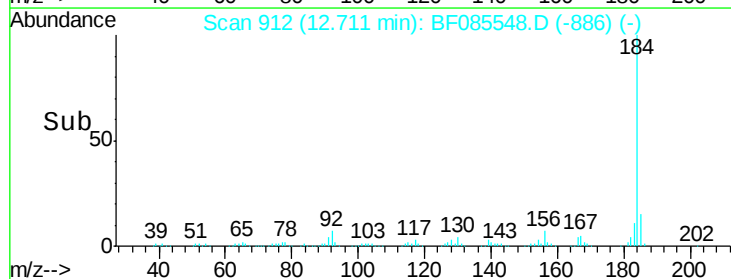
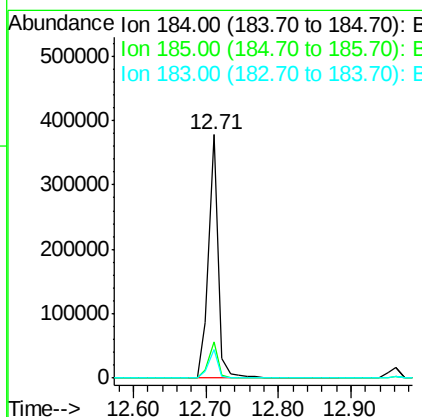
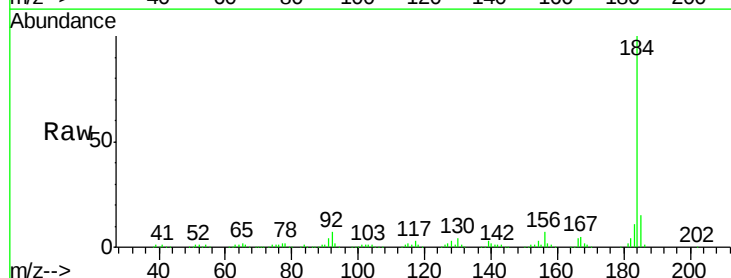
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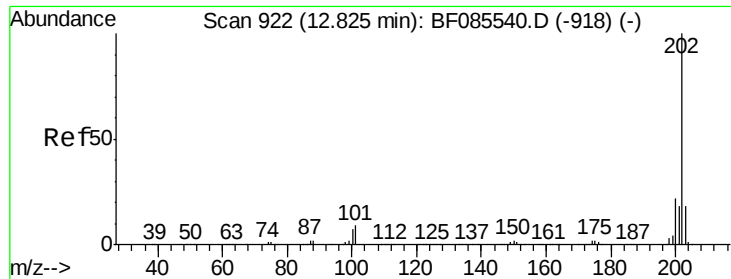
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#76
Benzidine
Concen: 27.98 ng
RT: 12.71 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.4	18.6
183	11.5	9.4	14.2





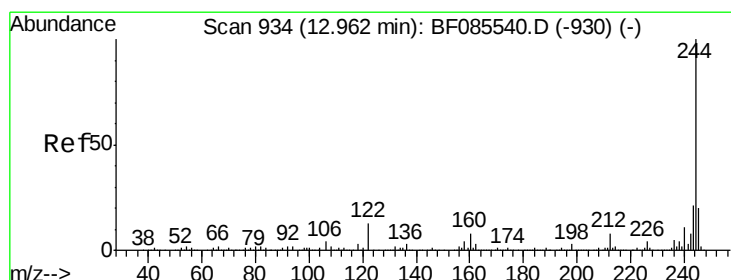
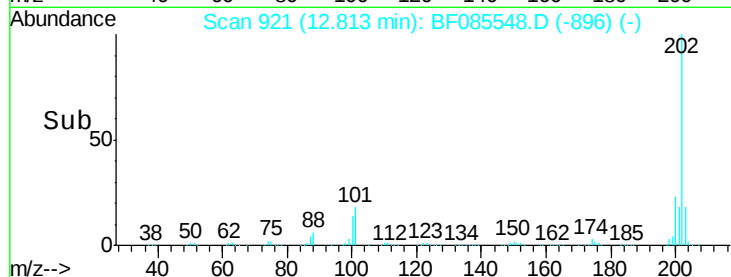
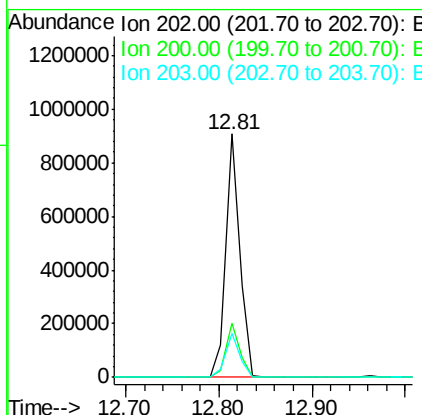
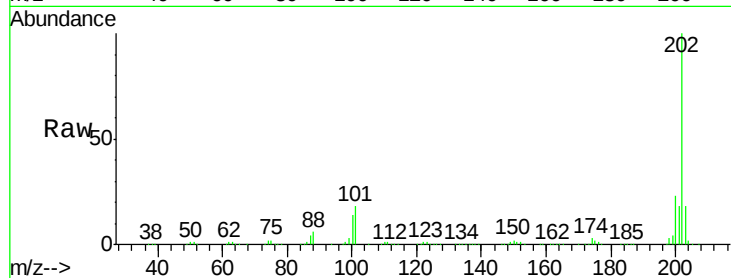
#77
 Pyrene
 Concen: 35.15 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	952290		
200	22.5	17.6	26.4	
203	18.2	14.0	21.0	

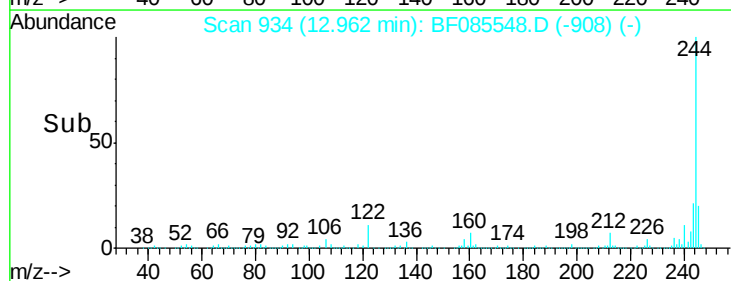
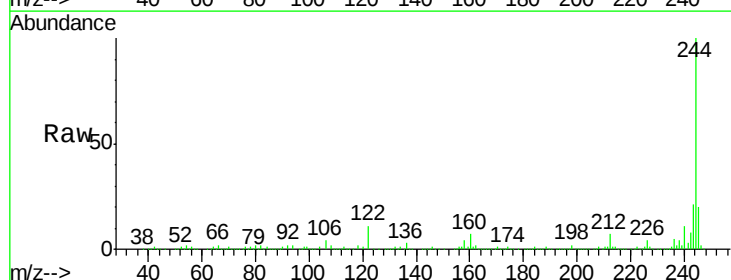
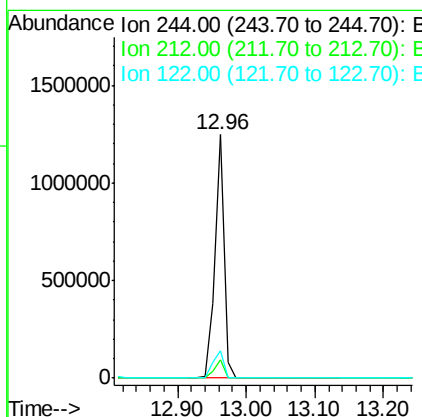
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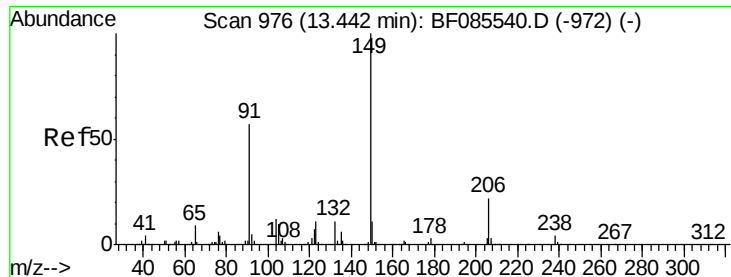
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#78
 Terphenyl-d14
 Concen: 75.93 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1190722		
212	7.4	6.1	9.1	
122	11.4	10.2	15.4	





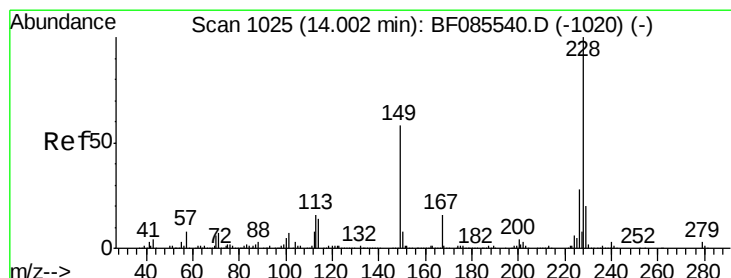
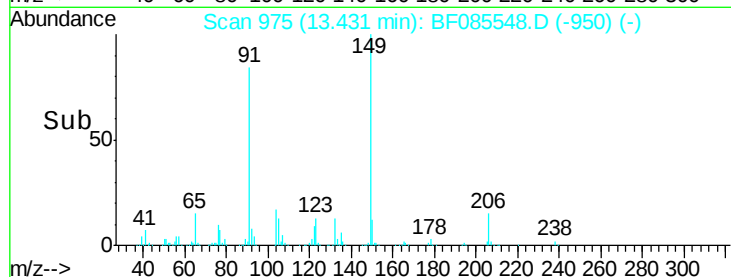
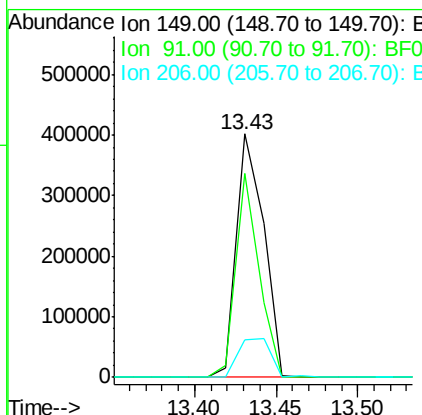
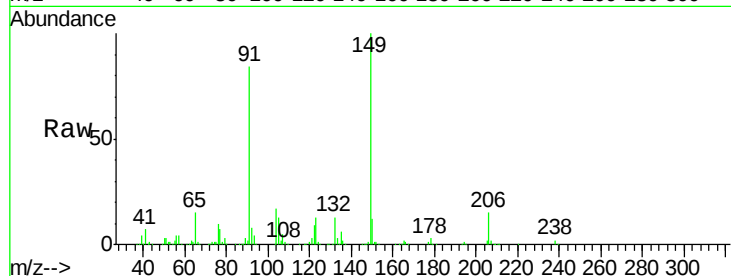
#79
Butylbenzylphthalate
Concen: 35.84 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleID :
PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.8	45.8	68.8#
206	15.4	17.8	26.8#

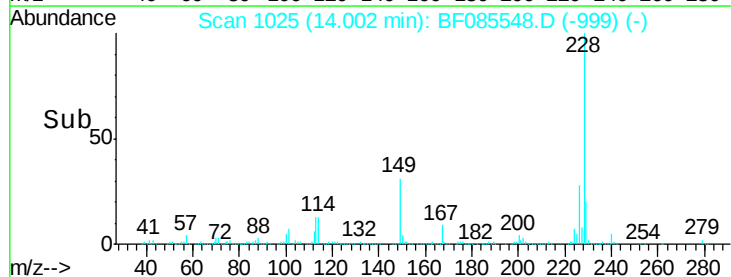
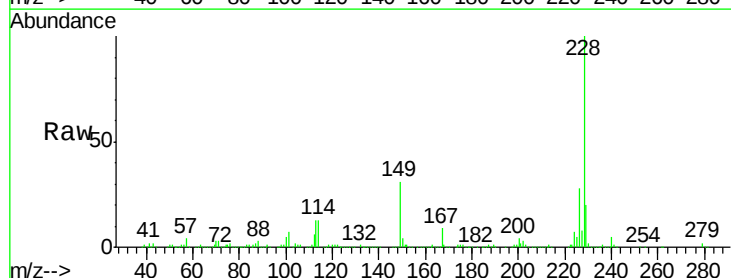
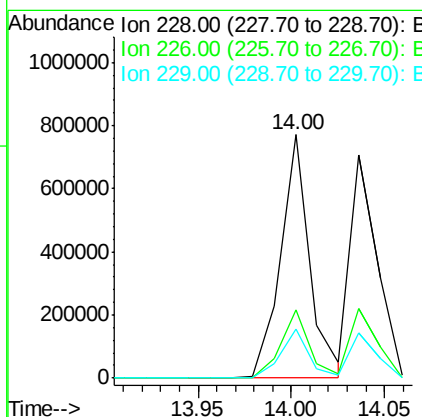
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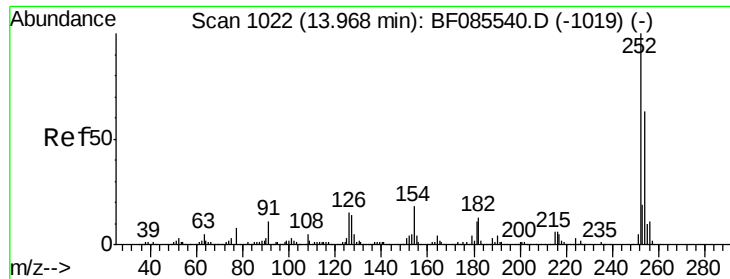
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#80
Benzo(a)anthracene
Concen: 38.21 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.1	33.1
229	19.9	16.2	24.4





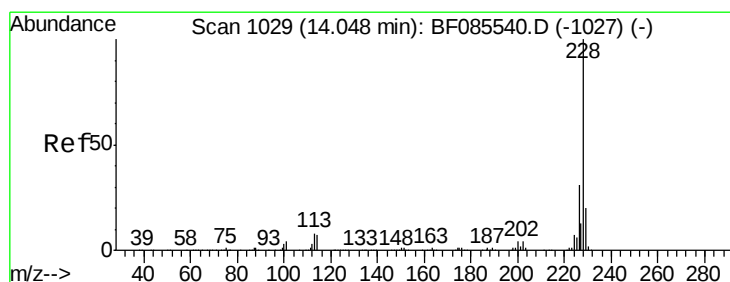
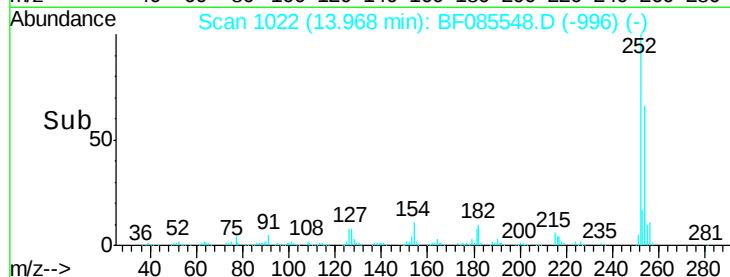
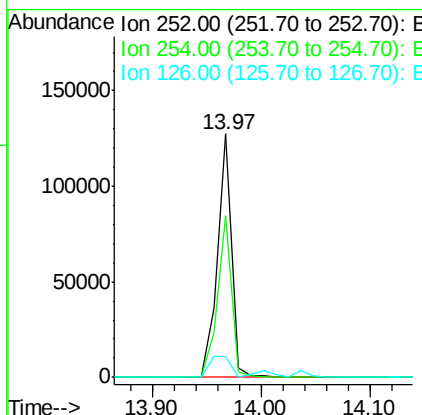
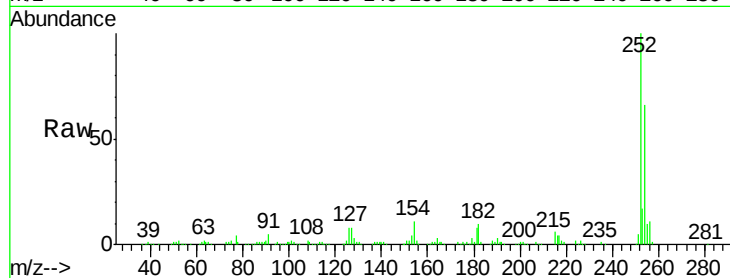
#81
 3,3'-Dichlorobenzidine
 Concen: 14.63 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.3	50.7	76.1
126	8.4	11.8	17.6

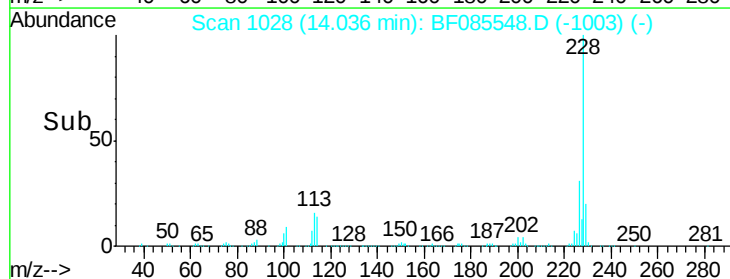
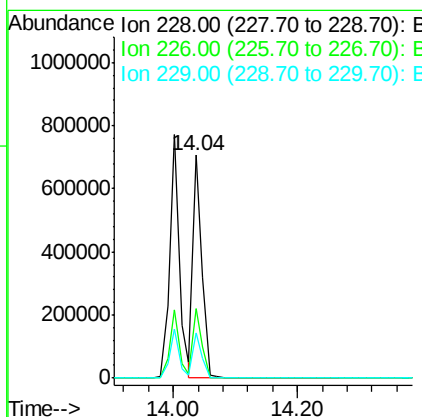
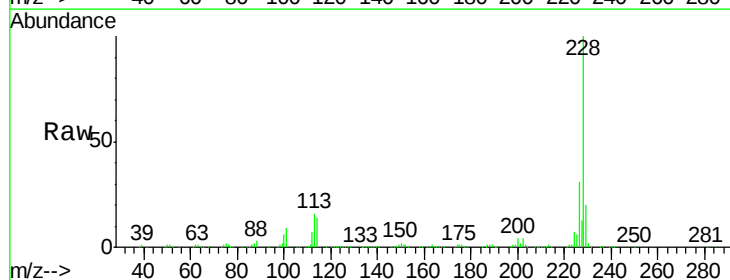
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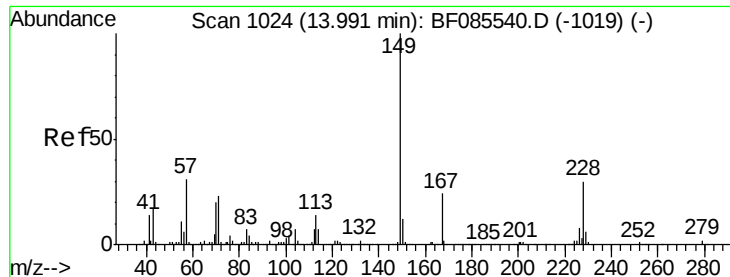
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#82
 Chrysene
 Concen: 34.34 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.0	37.6
229	20.2	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.80 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085548.D

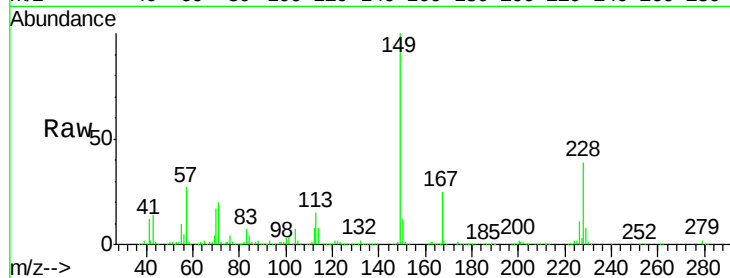
Acq: 19 Mar 2016 2:26

Instrument :

BNA_F

ClientSampleId :

PB88949BS



Tgt Ion:149 Resp: 590501

Ion Ratio Lower Upper

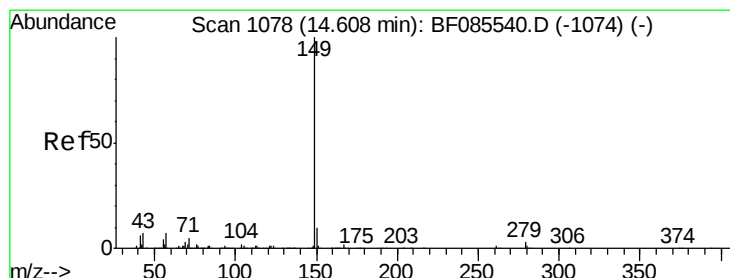
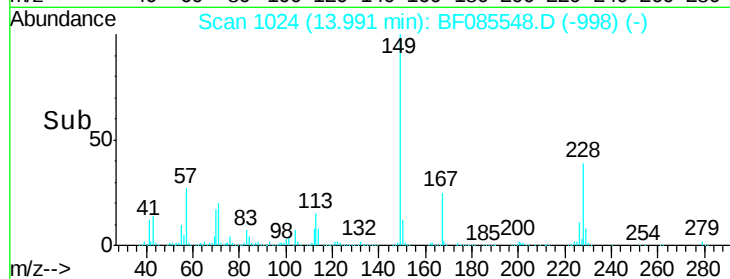
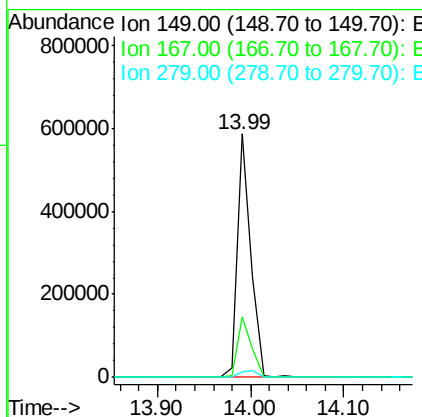
149 100

167 24.7 19.4 29.2

279 2.3 1.5 2.3#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.95 ng

RT: 14.61 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF085548.D

Acq: 19 Mar 2016 2:26

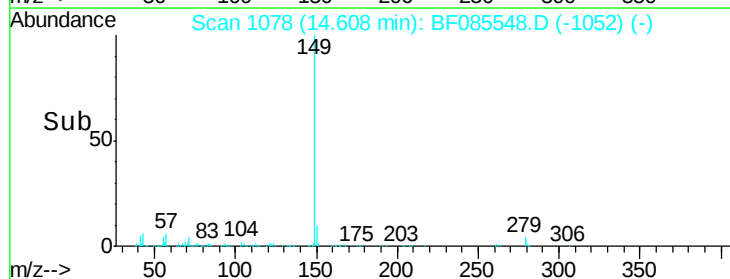
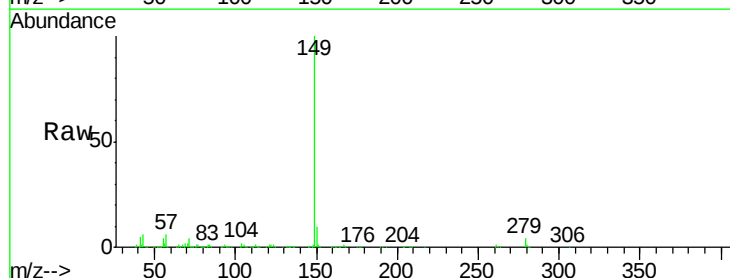
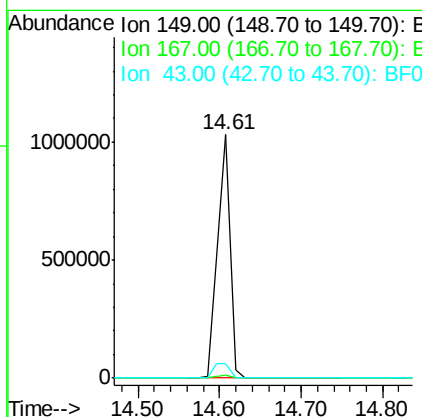
Tgt Ion:149 Resp: 1096850

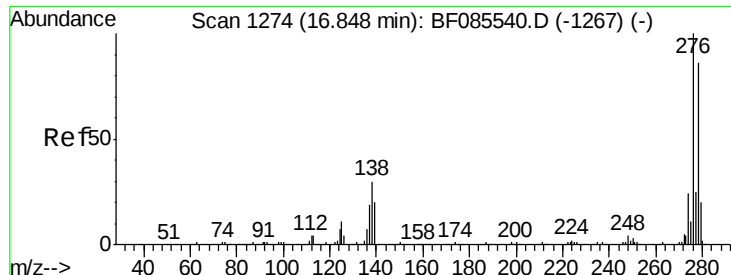
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 8.1 7.1 10.7





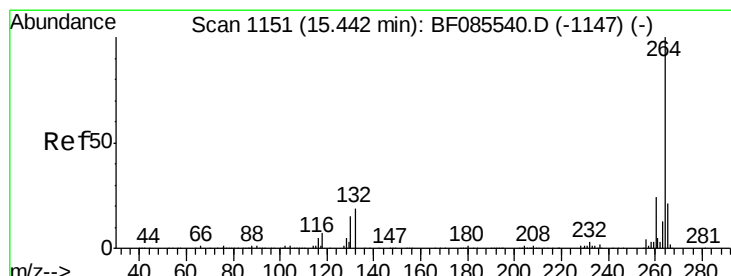
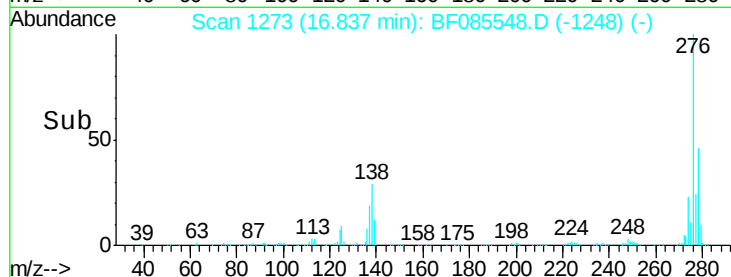
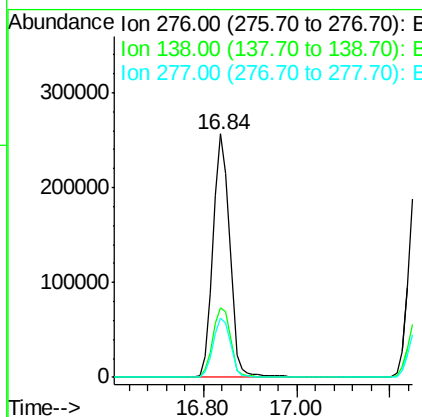
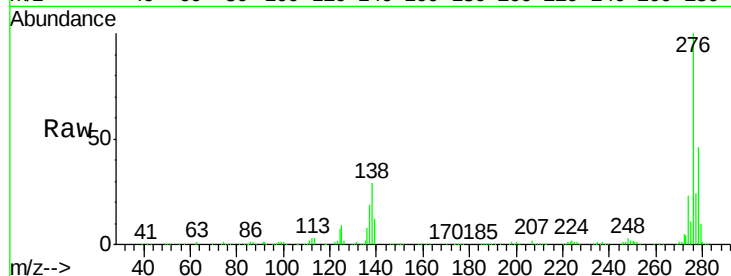
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.70 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.4	24.2	36.4
277	25.2	20.0	30.0

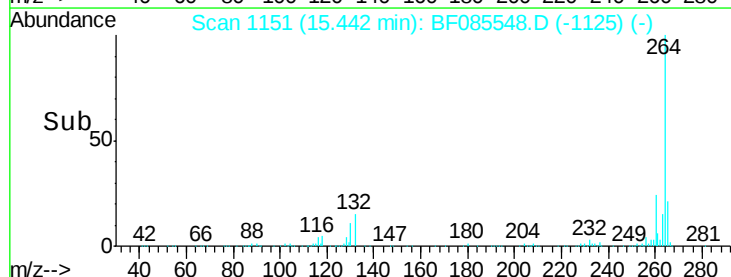
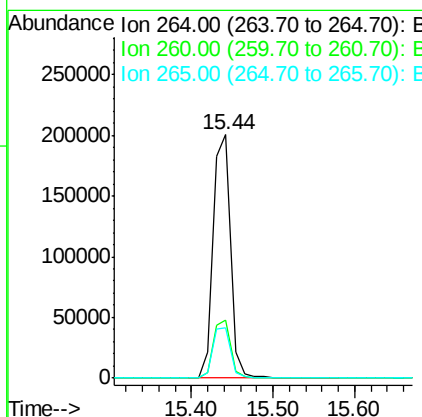
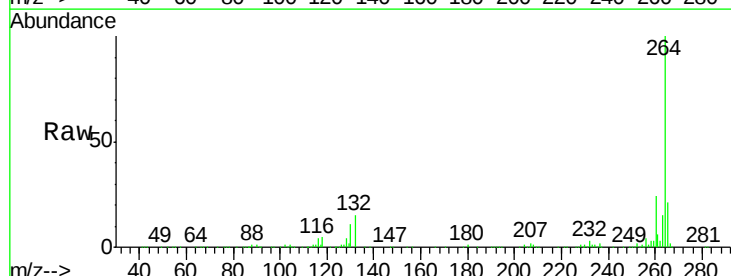
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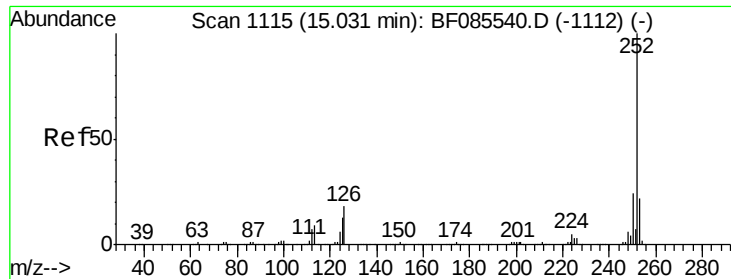
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.4	29.2
265	20.8	17.2	25.8





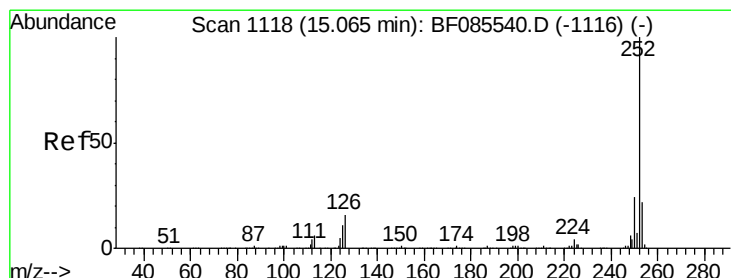
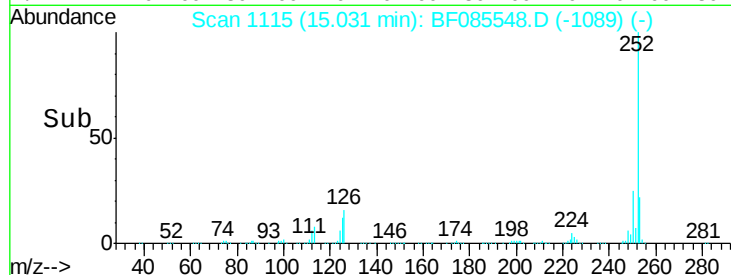
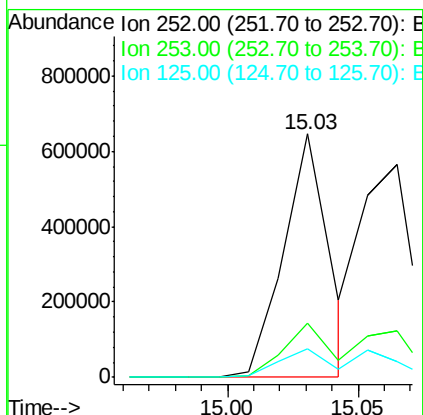
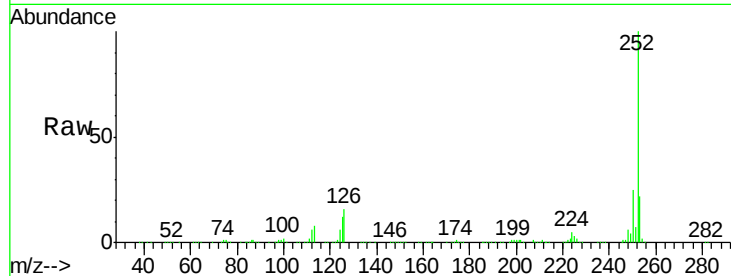
#87
Benzo(b)fluoranthene
Concen: 39.74 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.7	10.3	15.5

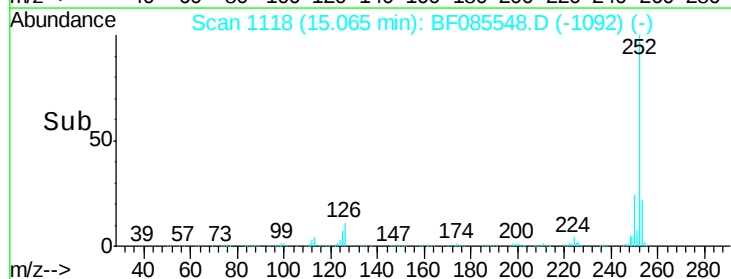
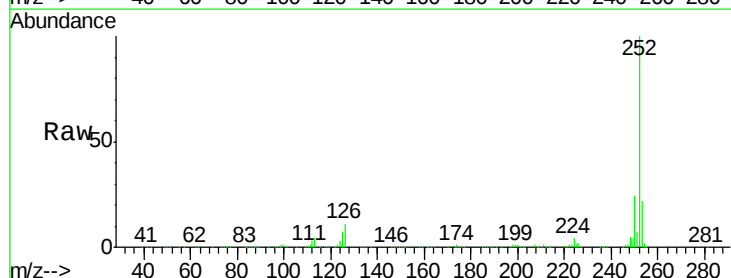
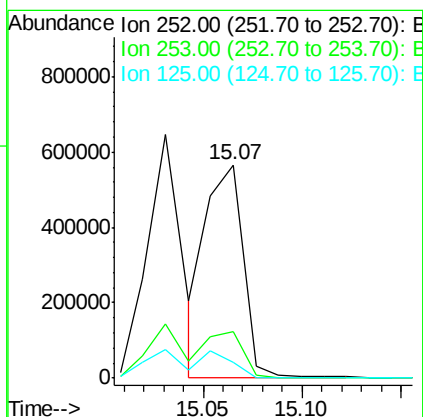
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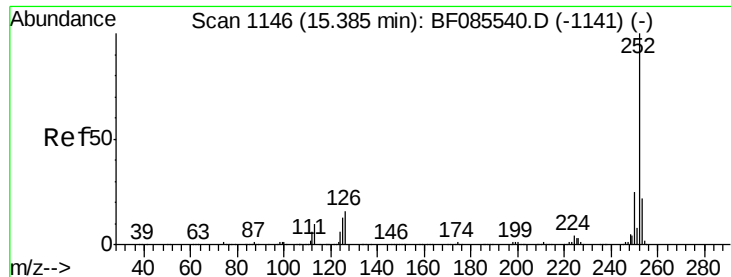
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#88
Benzo(k)fluoranthene
Concen: 47.01 ng m
RT: 15.07 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.2	7.7	11.5#





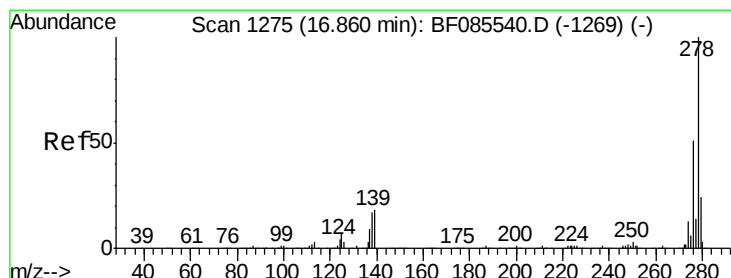
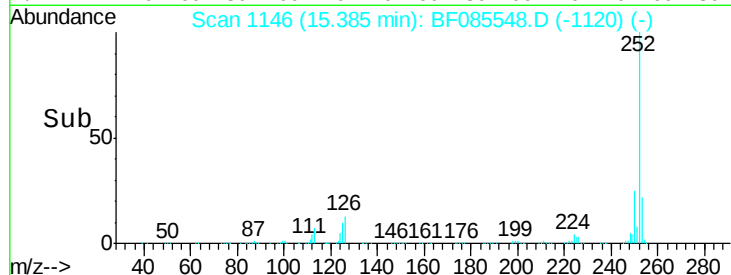
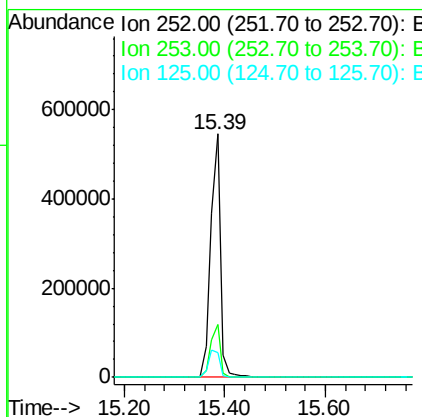
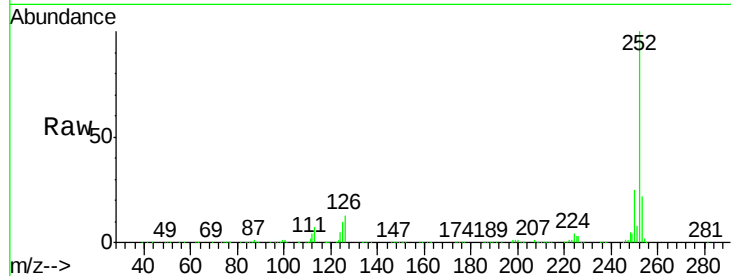
#89
Benzo(a)pyrene
Concen: 44.16 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Instrument :
BNA_F
ClientSampleId :
PB88949BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.1	10.3	15.5#

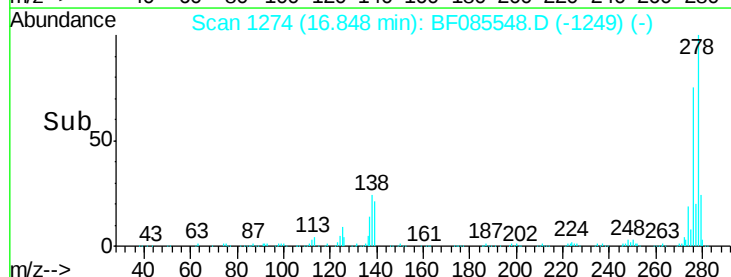
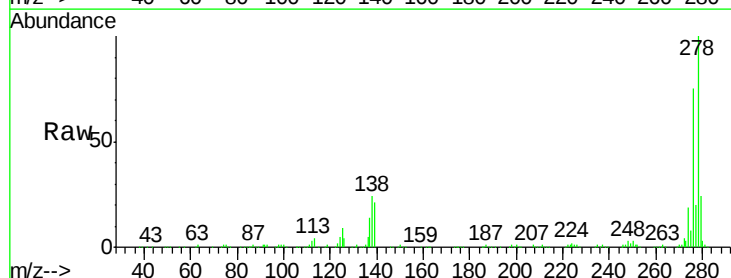
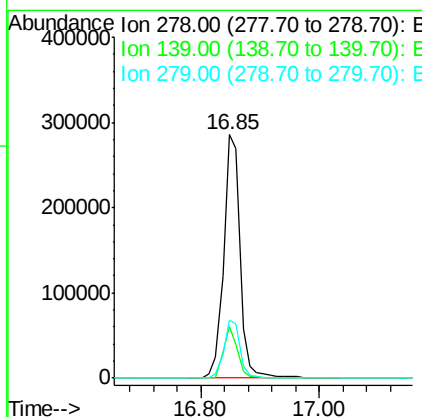
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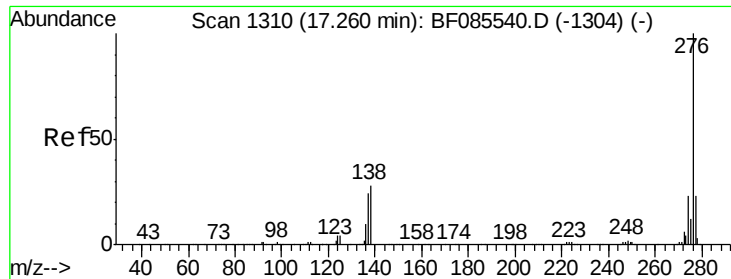
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#90
Dibenzo(a,h)anthracene
Concen: 39.86 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF085548.D
Acq: 19 Mar 2016 2:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.4	21.6
279	23.8	19.1	28.7





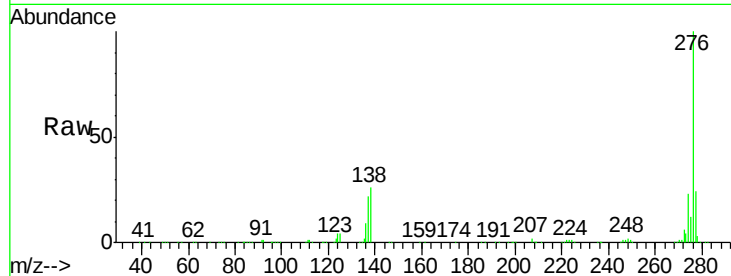
#91
 Benzo(g,h,i)perylene
 Concen: 39.13 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF085548.D
 Acq: 19 Mar 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88949BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	18.8	28.2
138	26.1	22.6	34.0

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

