

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085554.D
 Acq On : 19 Mar 2016 5:12
 Operator : UM/SJ
 Sample : PB89025BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Manual Integrations
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 3/21/2016 5:08:06 PM

Quant Time: Mar 19 06:37:11 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	127009	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	515176	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	242112	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	436226	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	385238	20.00	ng	0.00
86) Perylene-d12	15.43	264	282626	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	849895	112.40	ng	0.01
7) Phenol-d6	6.49	99	1129459	116.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	671136	75.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	297061	125.26	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1198435	84.25	ng	-0.01
78) Terphenyl-d14	12.96	244	1208464	75.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	124316	33.82	ng	99
3) Pyridine	3.28	79	301544	33.41	ng	100
4) n-Nitrosodimethylamine	3.22	42	138509	36.76	ng	95
6) Aniline	6.52	93	304217	23.36	ng	98
8) 2-Chlorophenol	6.64	128	362039	41.39	ng	97
9) Benzaldehyde	6.40	77	52519	8.61	ng	86
10) Phenol	6.50	94	510671	46.23	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	359684	43.19	ng	95
12) 1,3-Dichlorobenzene	6.79	146	354358m	37.17	ng	
13) 1,4-Dichlorobenzene	6.87	146	376191	38.69	ng	98
14) 1,2-Dichlorobenzene	7.03	146	346474	40.13	ng	96
15) Benzyl Alcohol	7.00	79	272368	41.00	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	416449	38.03	ng	99
17) 2-Methylphenol	7.11	107	293140	40.43	ng	99
18) Hexachloroethane	7.36	117	136708	38.94	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	212597	36.70	ng	92
20) 3+4-Methylphenols	7.27	107	362884	43.21	ng	89
22) Acetophenone	7.27	105	454263	37.16	ng	# 96
24) Nitrobenzene	7.44	77	404100	41.59	ng	91
25) Isophorone	7.68	82	698394	39.30	ng	96
26) 2-Nitrophenol	7.76	139	193961	40.40	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	342901	40.39	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	415290	41.09	ng	98
29) 2,4-Dichlorophenol	8.00	162	300645	42.88	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	303393	38.63	ng	96
31) Naphthalene	8.16	128	1019045	39.19	ng	100
32) Benzoic acid	7.92	122	229094	32.27	ng	99
33) 4-Chloroaniline	8.21	127	117227	11.00	ng	# 93
34) Hexachlorobutadiene	8.28	225	157346	37.59	ng	99
35) Caprolactam	8.58	113	99191m	41.12	ng	
36) 4-Chloro-3-methylphenol	8.70	107	332781	40.64	ng	98
37) 2-Methylnaphthalene	8.86	142	693252	43.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	265290	36.12	ng	98
40) Hexachlorocyclopentadiene	9.01	237	297996	90.03	ng	100

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Quant Time: Mar 19 06:37:11 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	210879	41.95	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	218984	42.80	ng #	94
45) 1,1'-Biphenyl	9.32	154	734975	35.19	ng	98
46) 2-Chloronaphthalene	9.34	162	566554	37.14	ng #	92
47) 2-Nitroaniline	9.44	65	203610	44.12	ng #	84
48) Acenaphthylene	9.76	152	1019964	41.31	ng	99
49) Dimethylphthalate	9.62	163	770040	42.15	ng	99
50) 2,6-Dinitrotoluene	9.68	165	163448	42.38	ng	88
51) Acenaphthene	9.93	154	706369	45.59	ng	99
52) 3-Nitroaniline	9.85	138	90844	18.81	ng #	76
53) 2,4-Dinitrophenol	9.96	184	178899	75.71	ng	95
54) Dibenzofuran	10.10	168	898077	47.60	ng	98
55) 4-Nitrophenol	10.01	139	267626	71.68	ng	93
56) 2,4-Dinitrotoluene	10.08	165	208815	41.35	ng #	49
57) Fluorene	10.45	166	671059	42.68	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	169646	46.05	ng	98
59) Diethylphthalate	10.32	149	735467	40.49	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	317451	41.34	ng	92
61) 4-Nitroaniline	10.47	138	200376	42.08	ng	94
62) Azobenzene	10.60	77	794589	45.59	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	117150	41.97	ng	86
65) n-Nitrosodiphenylamine	10.55	169	583464	42.94	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	195106	44.77	ng #	91
67) Hexachlorobenzene	11.00	284	202822	43.81	ng #	88
68) Atrazine	11.09	200	197912	47.84	ng	96
69) Pentachlorophenol	11.19	266	243779	86.73	ng	99
70) Phenanthrene	11.41	178	1054616	45.85	ng	99
71) Anthracene	11.45	178	952837	39.51	ng	100
72) Carbazole	11.61	167	944821	45.41	ng	98
73) Di-n-butylphthalate	11.94	149	1165782	44.74	ng	99
74) Fluoranthene	12.58	202	955609	39.68	ng	97
76) Benzidine	12.71	184	420235	32.44	ng	98
77) Pyrene	12.81	202	963353	34.83	ng	99
79) Butylbenzylphthalate	13.43	149	467457	35.45	ng #	75
80) Benzo(a)anthracene	14.00	228	878103	39.26	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	130329	15.90	ng #	95
82) Chrysene	14.04	228	685746	31.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	582533	35.56	ng #	98
84) Di-n-octyl phthalate	14.61	149	1039606	38.95	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	608012	33.82	ng	99
87) Benzo(b)fluoranthene	15.03	252	777993	42.19	ng #	97
88) Benzo(k)fluoranthene	15.05	252	659524m	43.41	ng	
89) Benzo(a)pyrene	15.37	252	670540	42.89	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	513779	39.40	ng	98
91) Benzo(g,h,i)perylene	17.26	276	494148	39.15	ng #	94

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

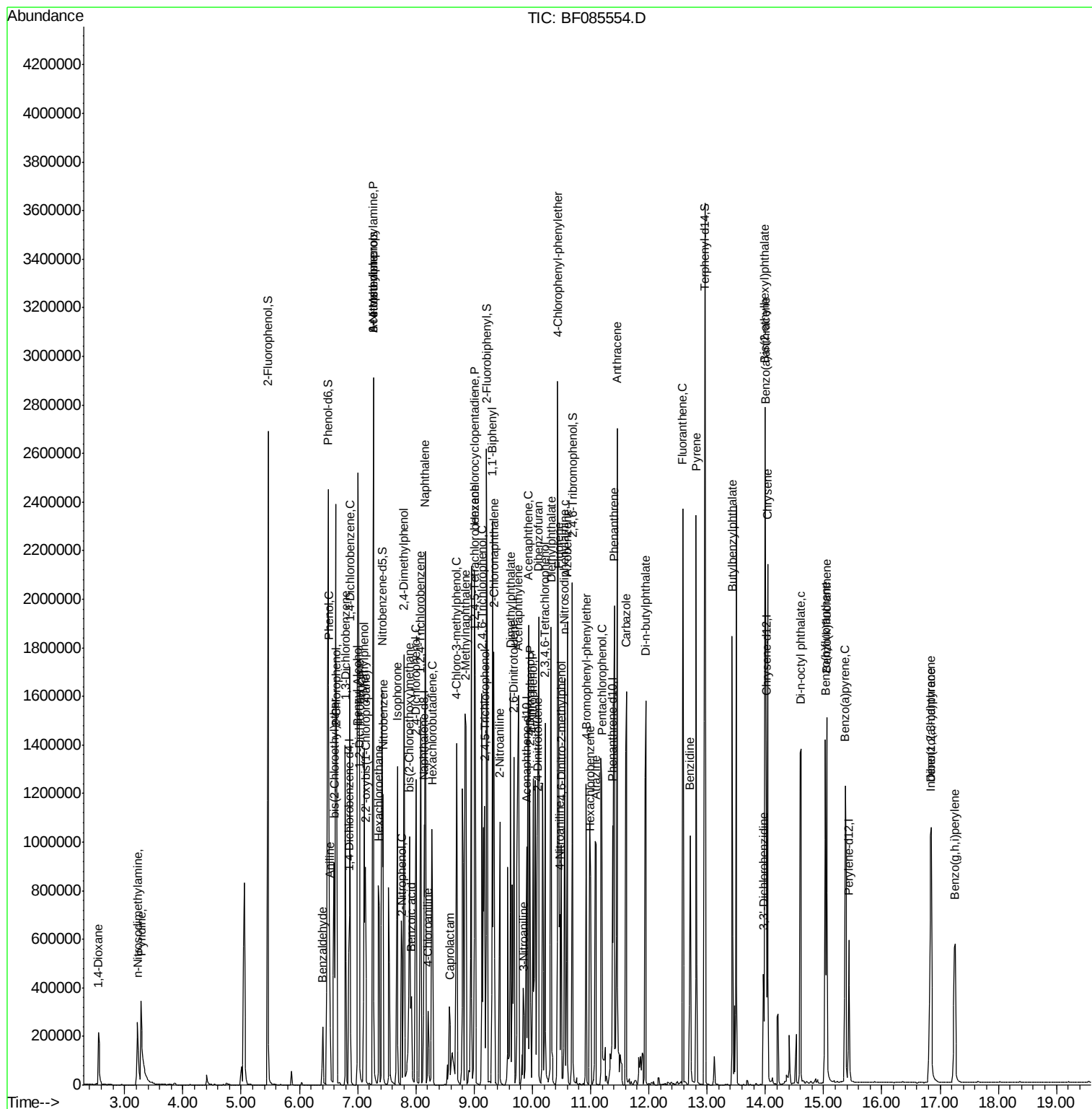
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Operator  : UM/SJ  
Sample    : PB89025BS  
Misc      :  
ALS Vial  : 18    Sample Multiplier: 1
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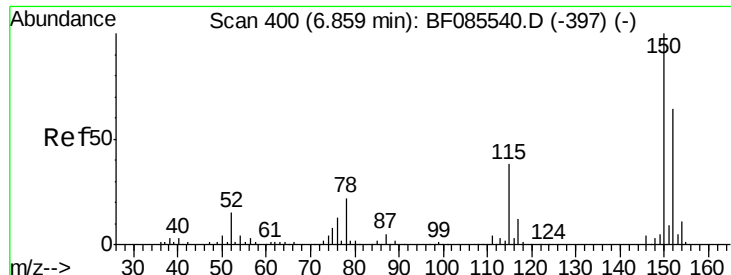
Instrument :
BNA_F
ClientSampleId :
PB89025BS

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#1

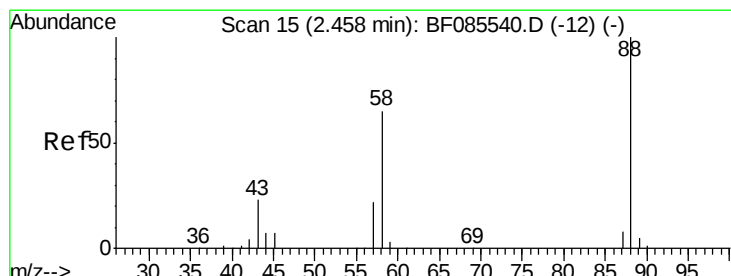
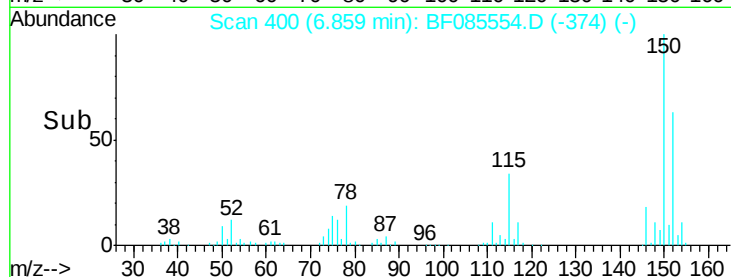
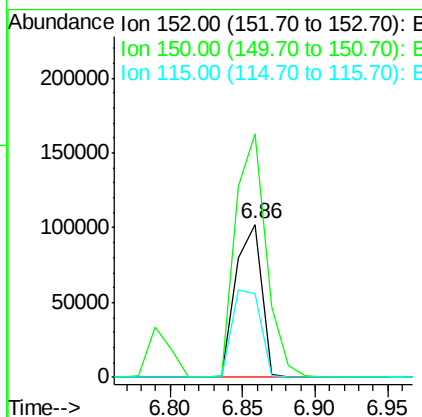
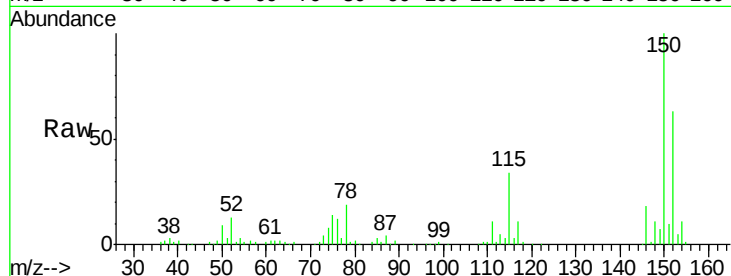
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.2	186.2
115	54.3	47.0	70.6

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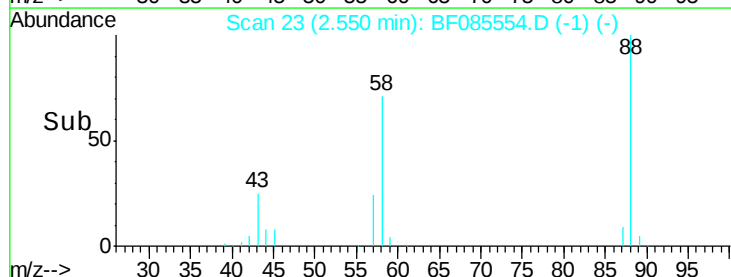
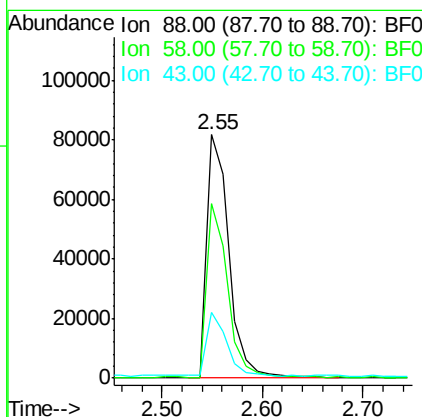
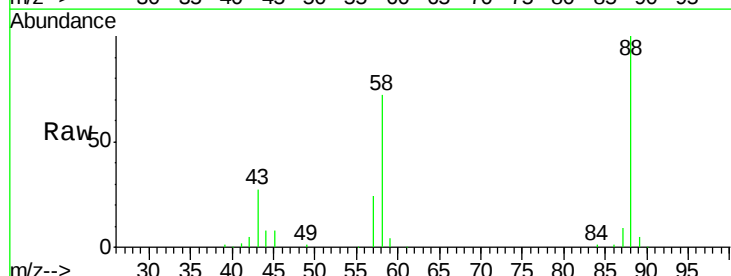
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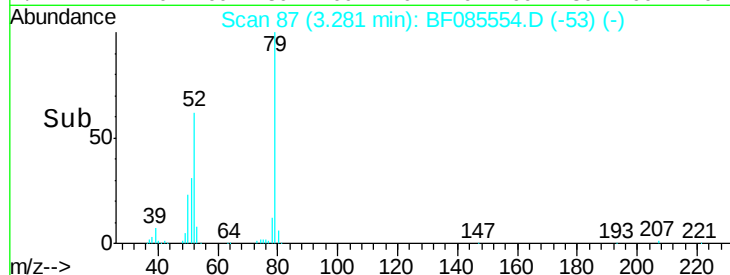
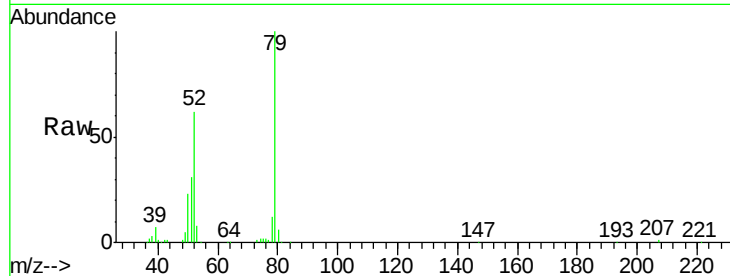
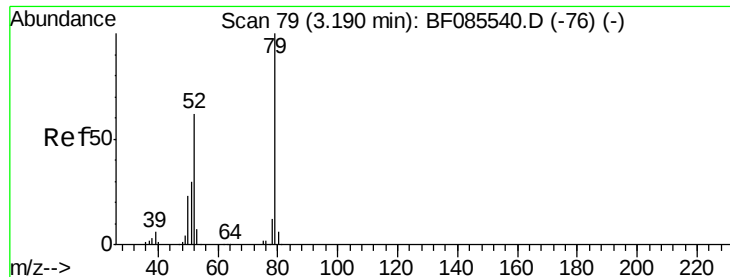


#2

1,4-Dioxane
Concen: 33.82 ng
RT: 2.55 min Scan# 23
Delta R.T. 0.09 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	54.2	81.2
43	24.4	19.3	28.9





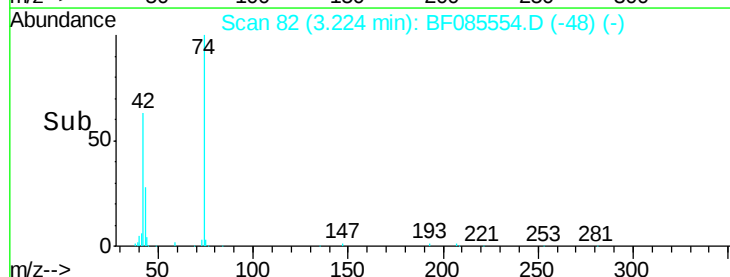
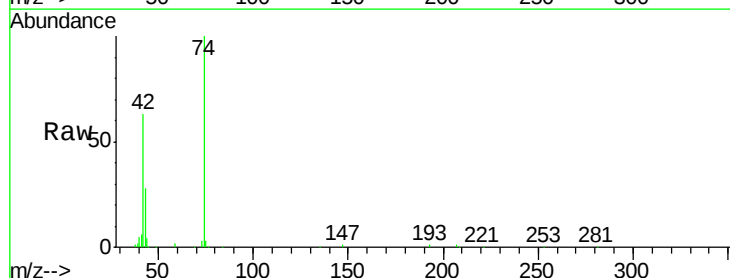
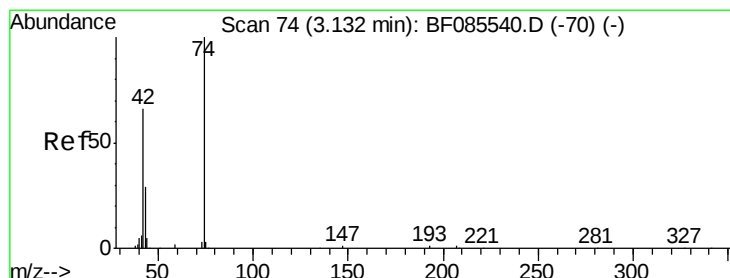
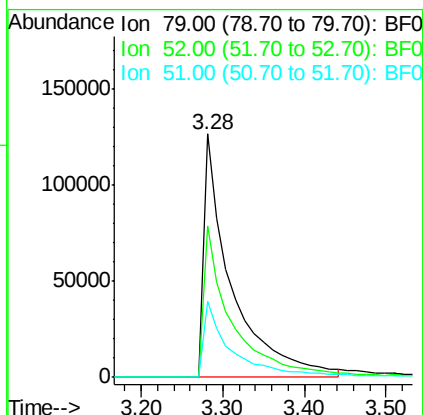
#3
Pyridine
Concen: 33.41 ng
RT: 3.28 min Scan# 87
Delta R.T. 0.09 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.4	49.8	74.6
51	31.3	24.7	37.1

Instrument :
BNA_F
ClientSampleId :
PB89025BS

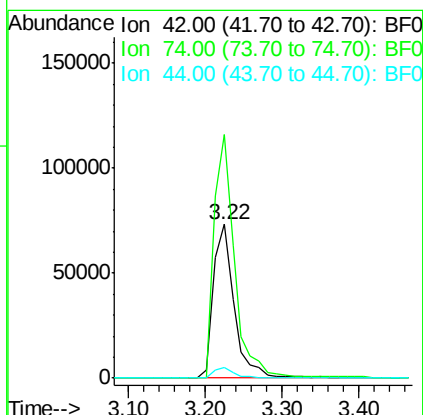
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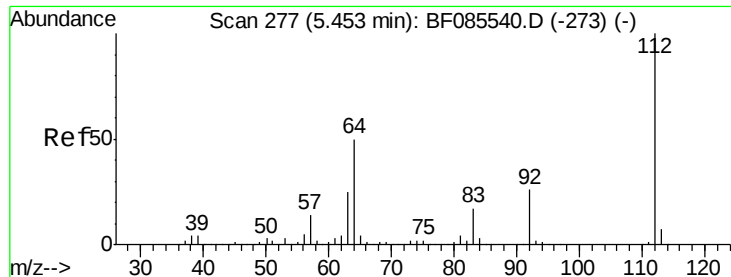
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#4
n-Nitrosodimethylamine
Concen: 36.76 ng
RT: 3.22 min Scan# 82
Delta R.T. 0.09 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.4	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 112.40 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085554.D

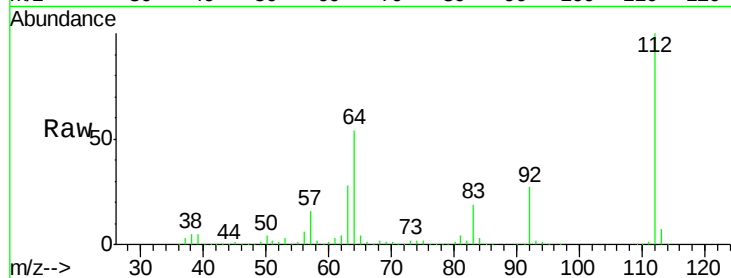
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Instrument :

BNA_F

ClientSampleId :

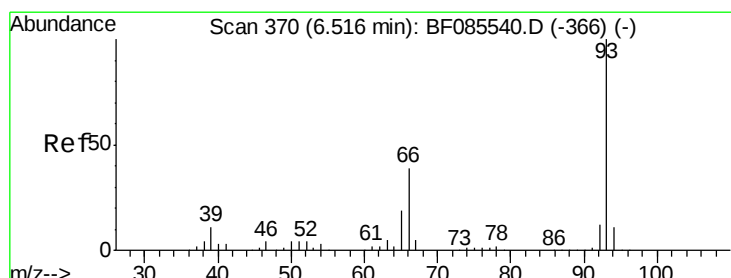
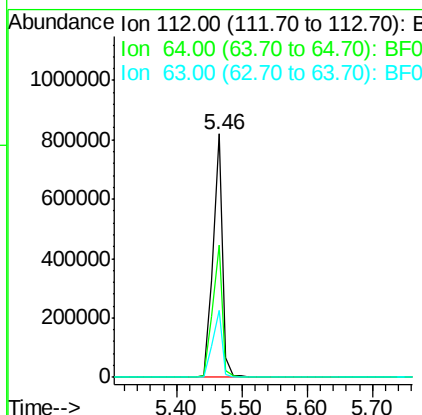
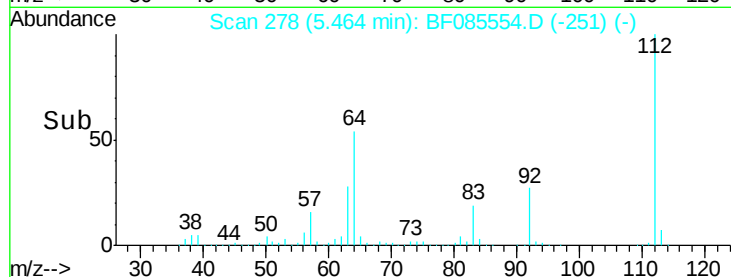
PB89025BS



Tgt Ion:	112	Resp:	849895
Ion Ratio	Lower	Upper	
112	100		
64	54.3	39.9	59.9
63	27.7	20.2	30.2

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#6

Aniline

Concen: 23.36 ng

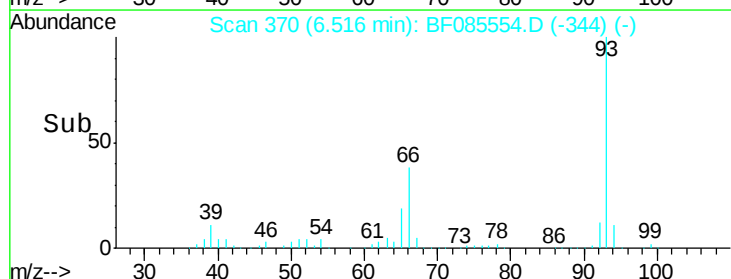
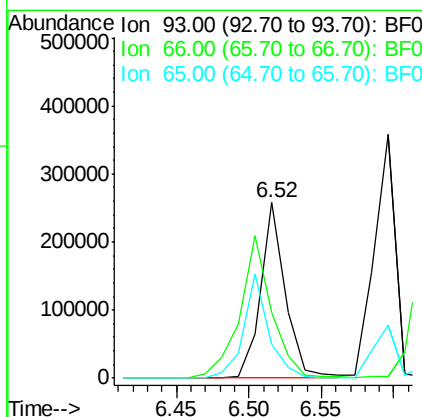
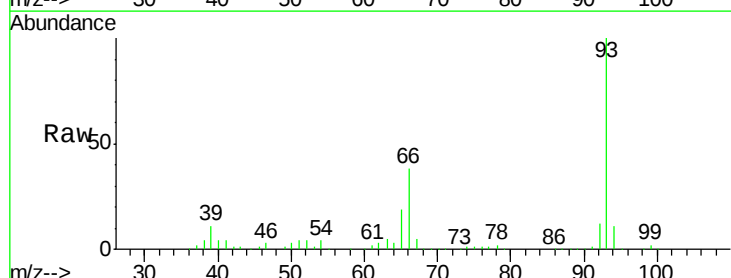
RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion:	93	Resp:	304217
Ion Ratio	Lower	Upper	
93	100		
66	37.6	31.4	47.2
65	19.3	15.7	23.5





#7

Phenol-d6

Concen: 116.46 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

Tgt Ion: 99 Resp: 1129459

Ion Ratio Lower Upper

99 100

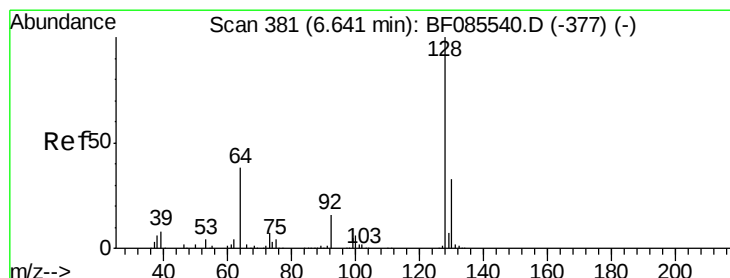
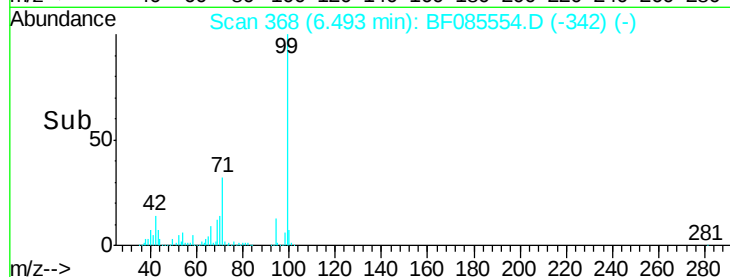
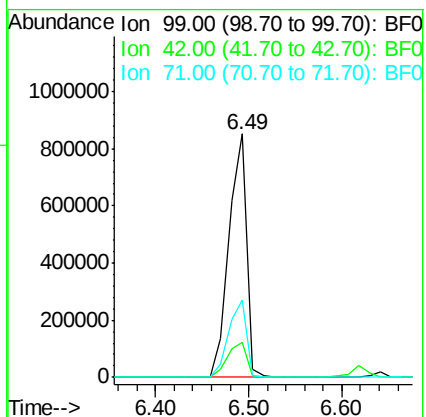
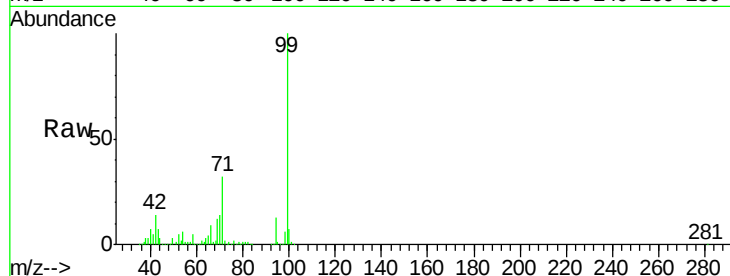
42 14.2 11.1 16.7

71 31.9 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.39 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

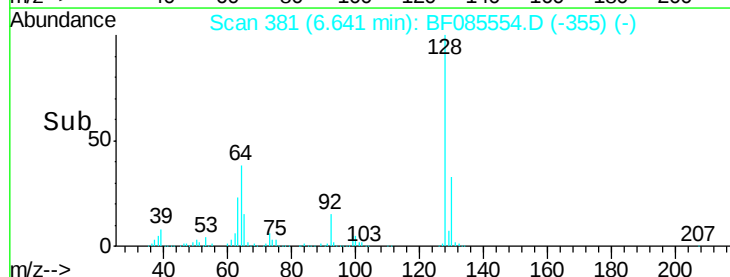
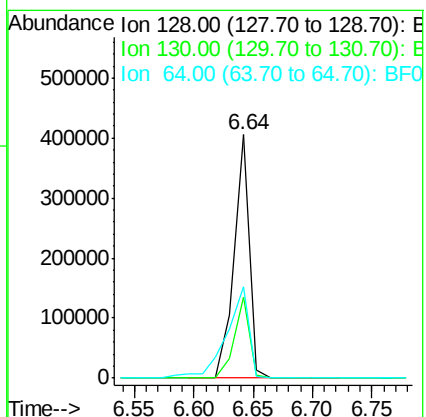
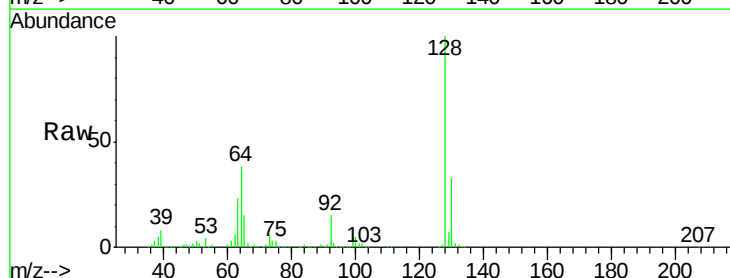
Tgt Ion: 128 Resp: 362039

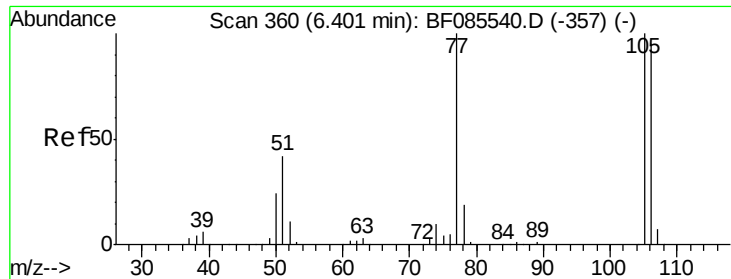
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 37.6 20.2 60.2





#9

Benzaldehyde

Concen: 8.61 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

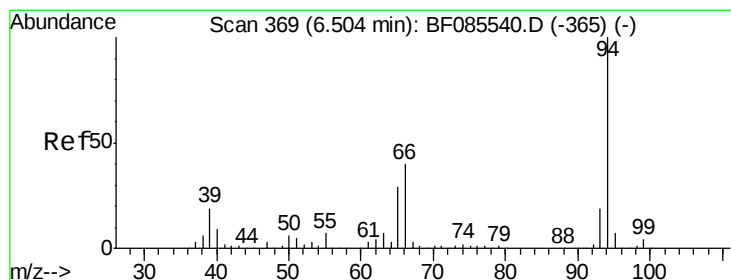
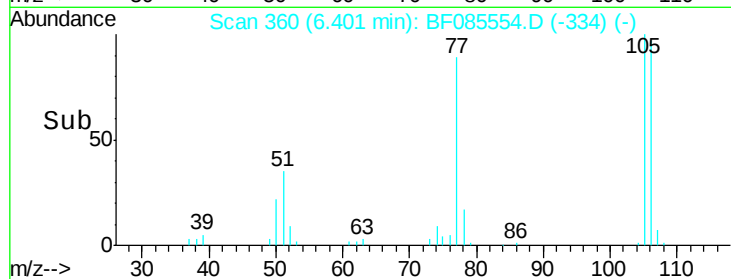
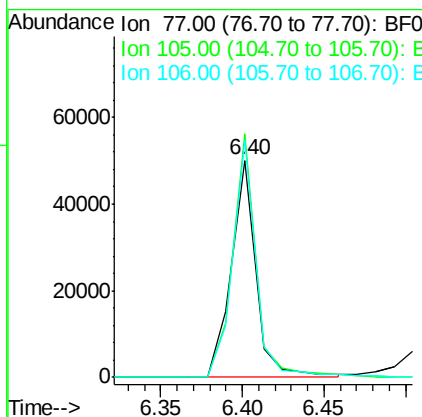
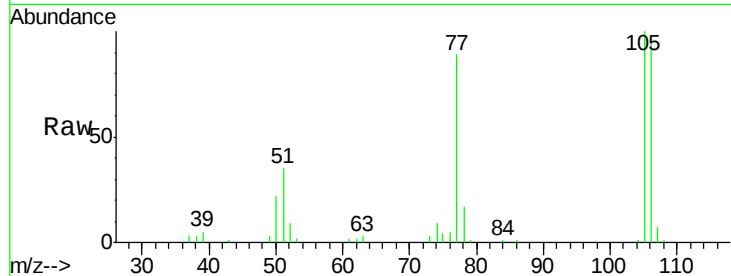
ClientSampleId :

PB89025BS

Tgt Ion:	77	Resp:	52519
Ion	Ratio	Lower	Upper
77	100		
105	112.3	80.1	120.1
106	109.5	75.0	115.0

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#10

Phenol

Concen: 46.23 ng

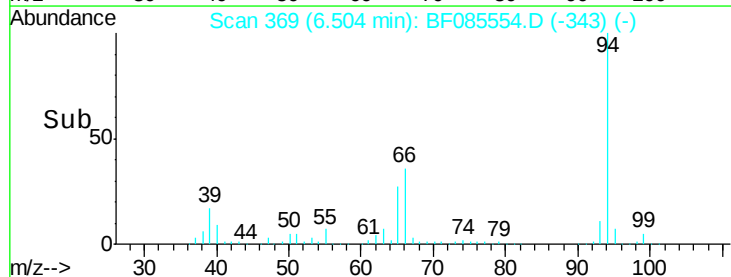
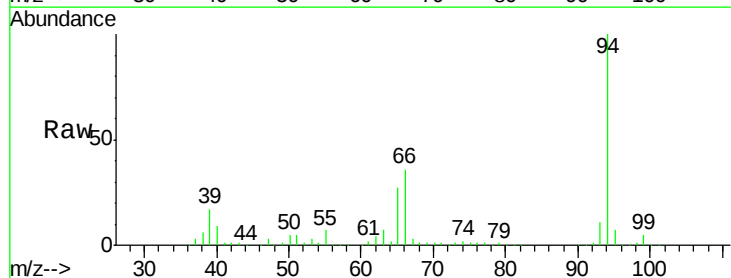
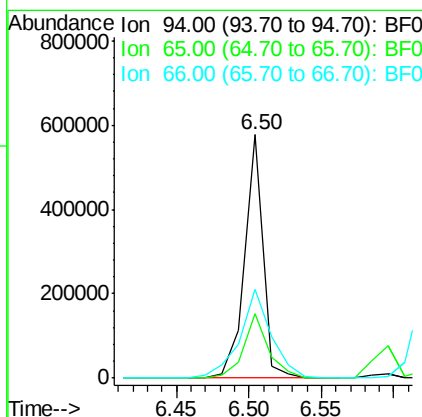
RT: 6.50 min Scan# 369

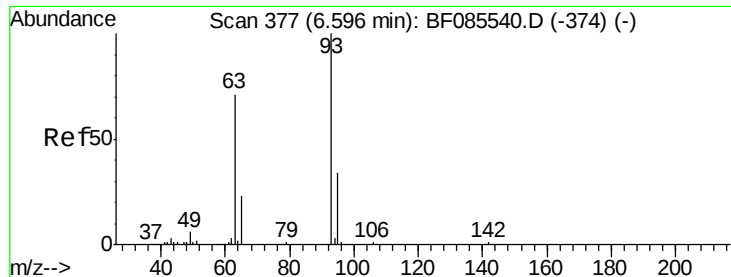
Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion:	94	Resp:	510671
Ion	Ratio	Lower	Upper
94	100		
65	26.6	8.6	48.6
66	36.3	20.0	60.0





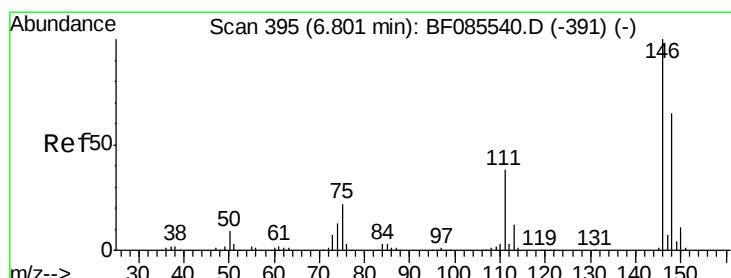
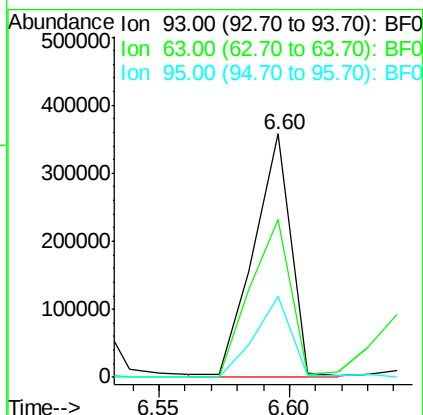
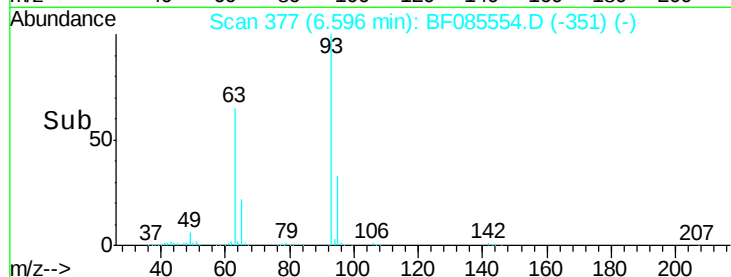
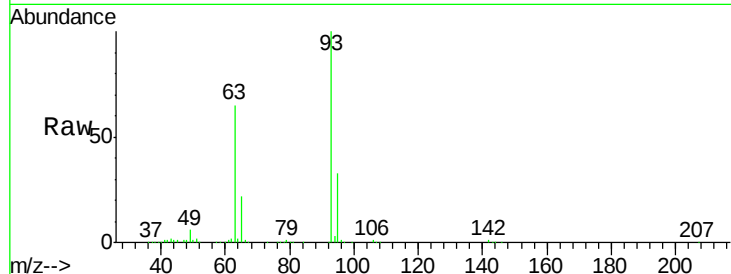
#11
bis(2-Chloroethyl)ether
Concen: 43.19 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion:	93	Resp:	359684
Ion	Ratio	Lower	Upper
93	100		
63	65.1	50.9	90.9
95	33.1	13.3	53.3

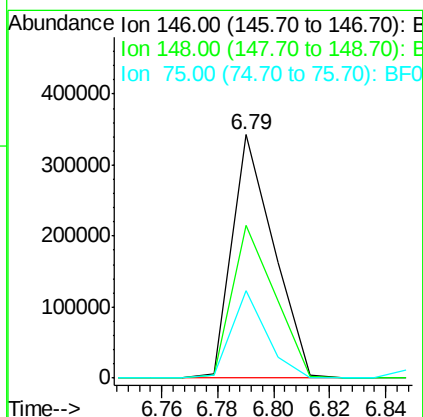
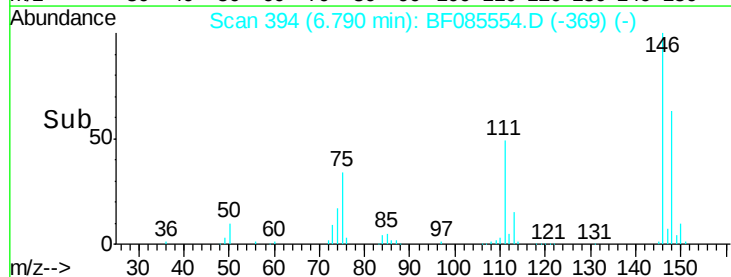
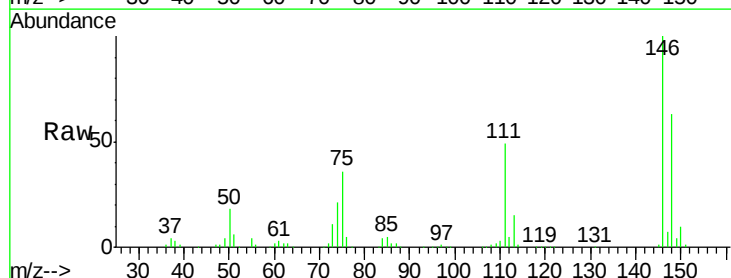
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#12
1,3-Dichlorobenzene
Concen: 37.17 ng m
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:	146	Resp:	354358
Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.3	78.5
75	35.9	17.4	26.2#





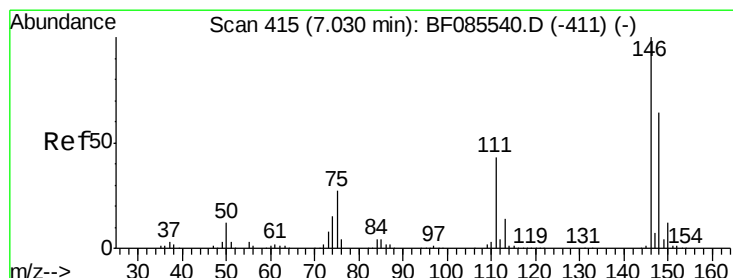
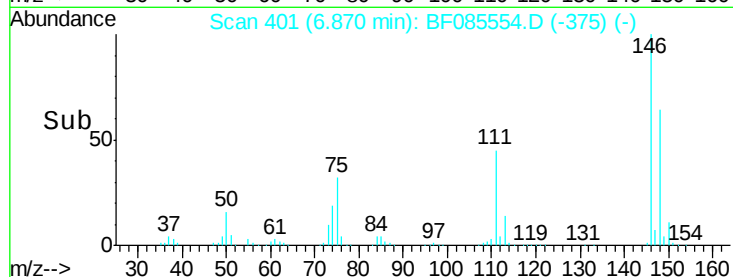
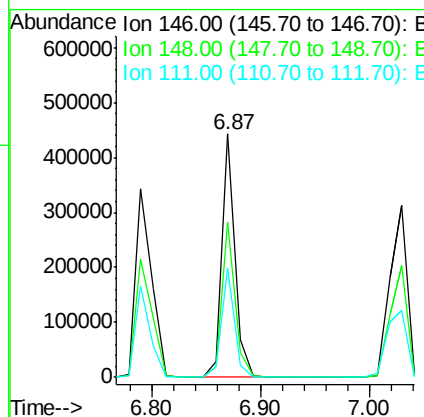
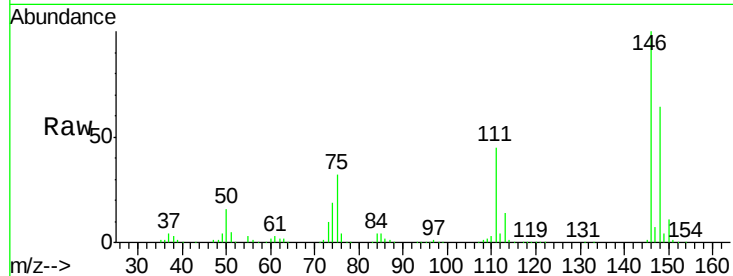
#13
 1,4-Dichlorobenzene
 Concen: 38.69 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampled :
 PB89025BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	44.7	37.8	56.6

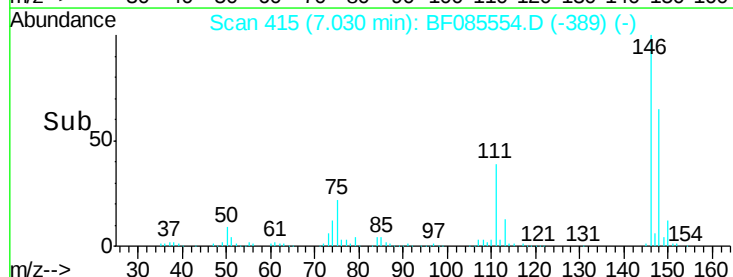
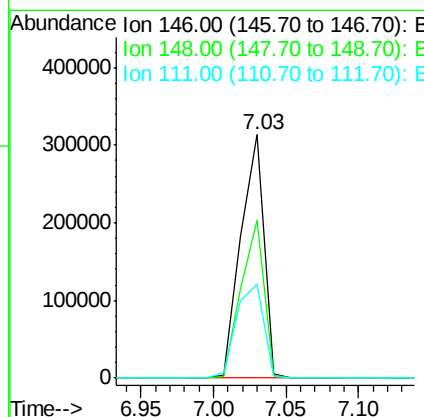
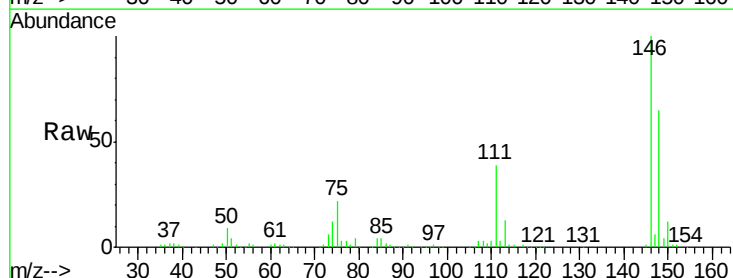
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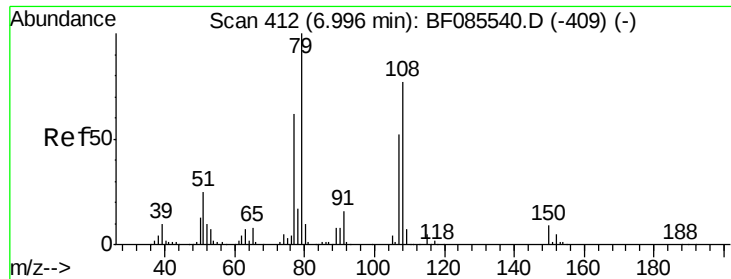
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#14
 1,2-Dichlorobenzene
 Concen: 40.13 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
111	38.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 41.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

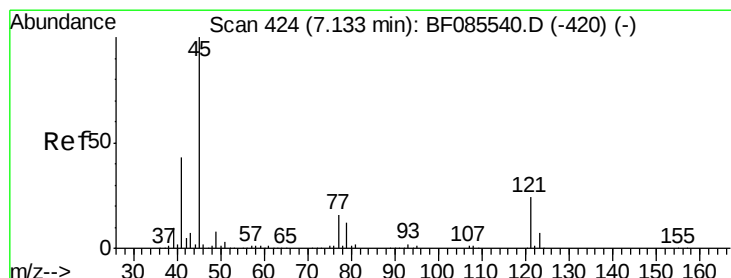
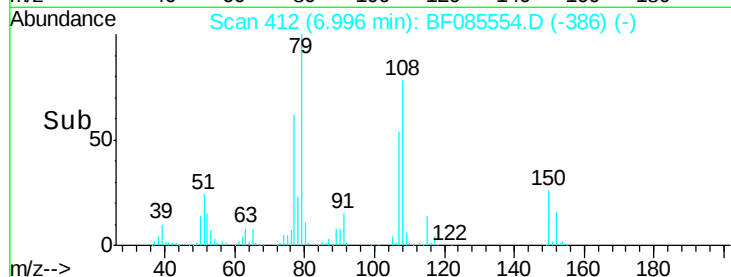
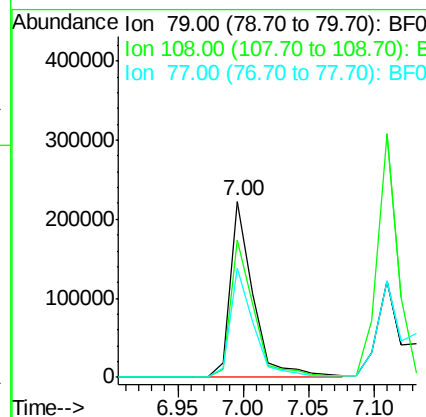
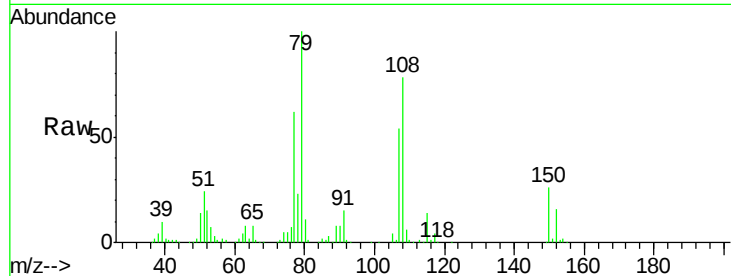
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Tgt Ion:	79	Resp:	272368
Ion Ratio	Lower	Upper	
79	100		
108	77.8	61.8	92.6
77	62.3	49.6	74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.03 ng

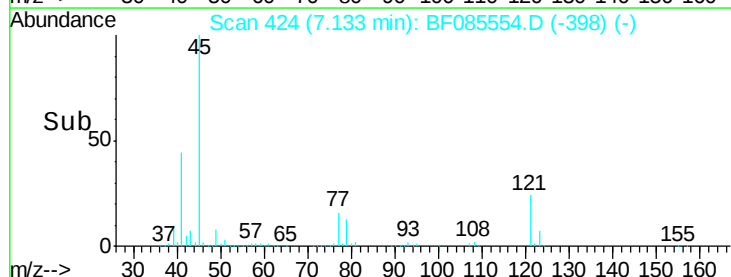
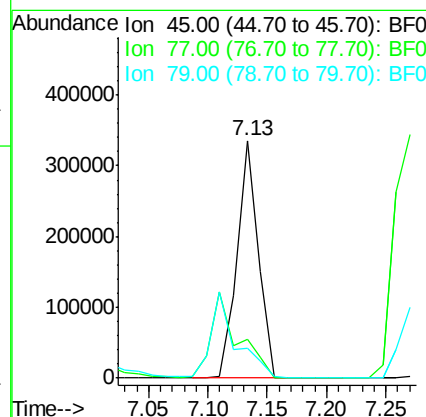
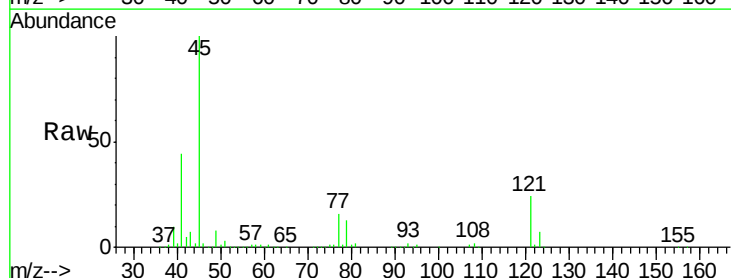
RT: 7.13 min Scan# 424

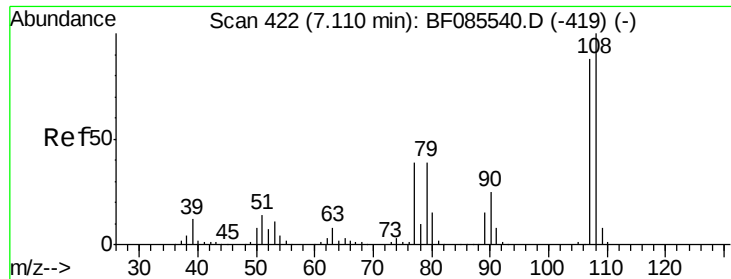
Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion:	45	Resp:	416449
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	35.7
79	12.6	0.0	32.2





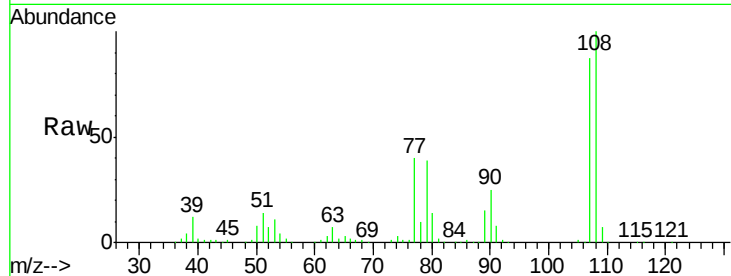
#17
2-Methylphenol
Concen: 40.43 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

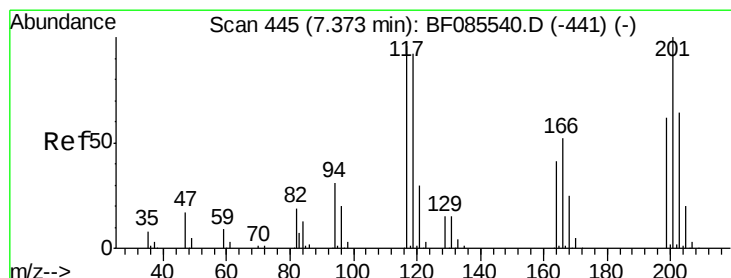
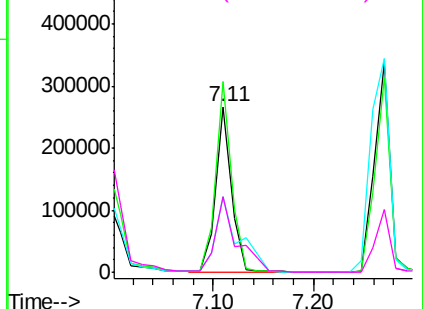
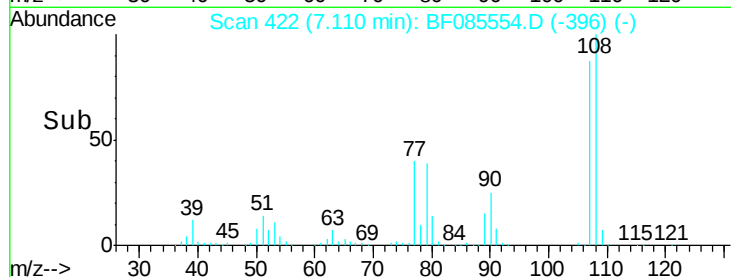
Tgt Ion:	107	Resp:	293140
Ion Ratio	Lower	Upper	
107	100		
108	115.4	91.4	137.0
77	45.7	36.2	54.2
79	45.4	35.8	53.8

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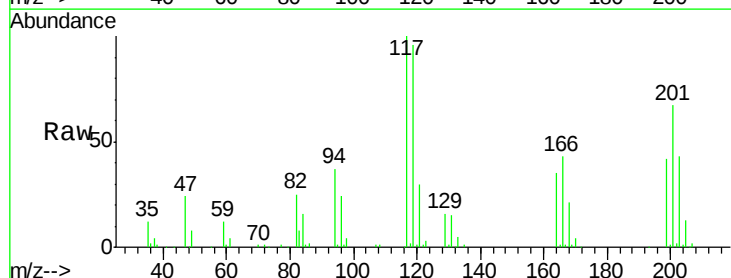


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

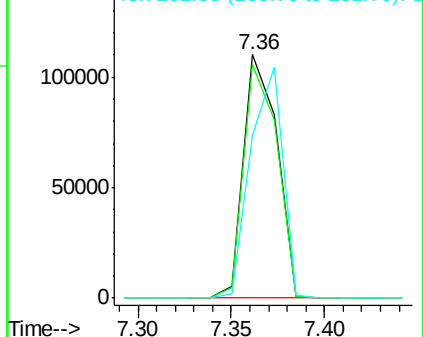
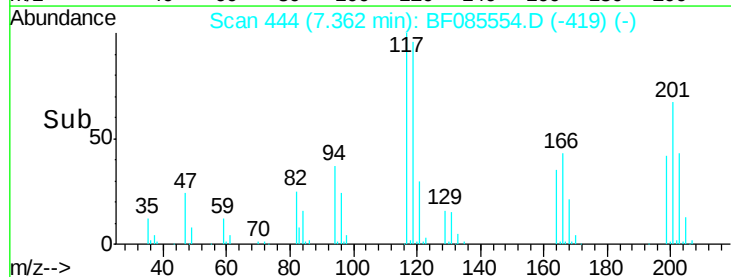


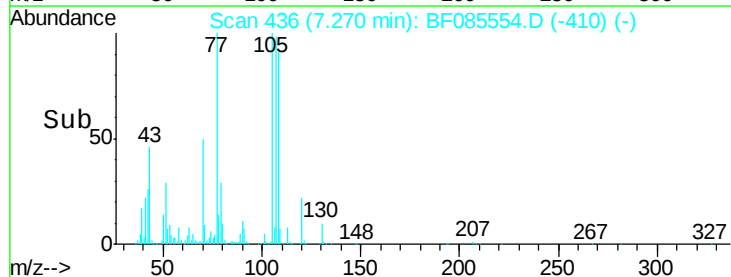
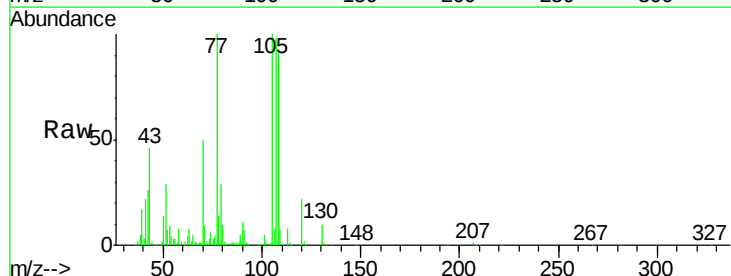
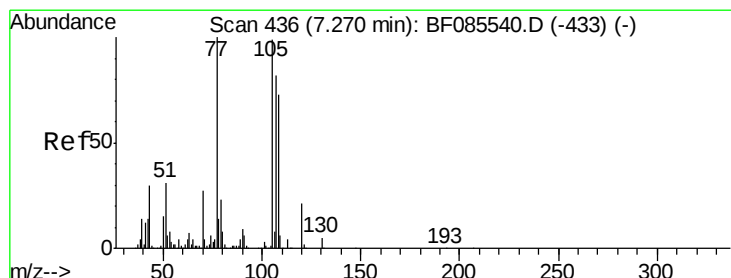
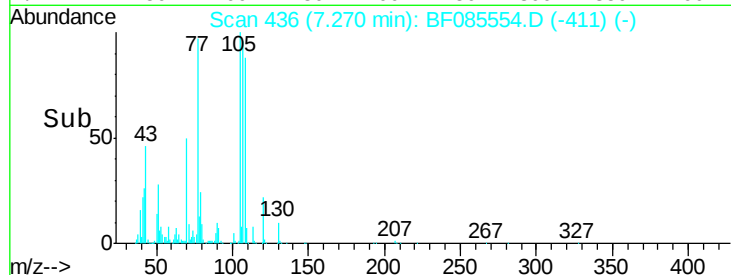
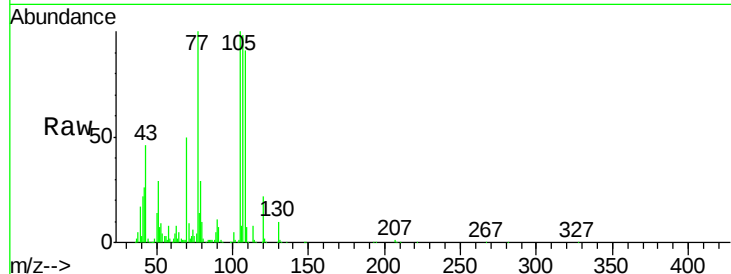
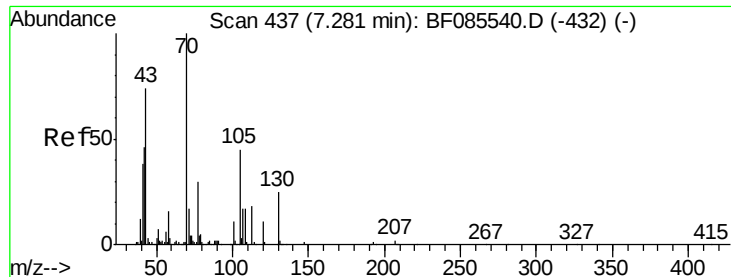
#18
Hexachloroethane
Concen: 38.94 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:	117	Resp:	136708
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.7	115.1
201	66.9	83.3	124.9#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

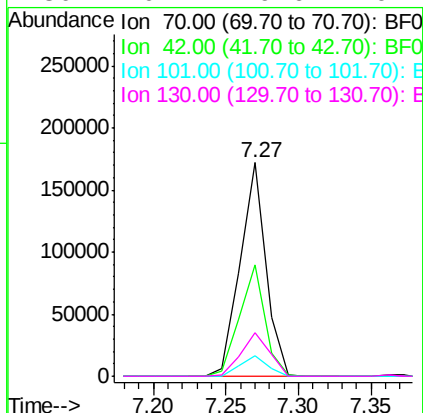




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.0	37.1	55.7
101	9.5	8.6	12.8
130	20.2	19.6	29.4

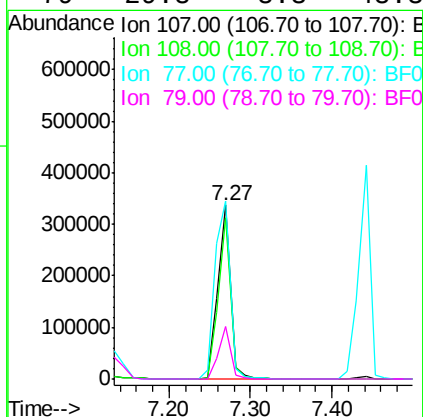


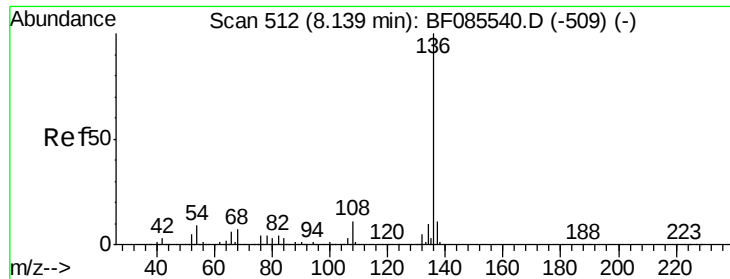
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#20
3+4-Methylphenols
Concen: 43.21 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	69.3	109.3
77	101.9	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: BF085554.D

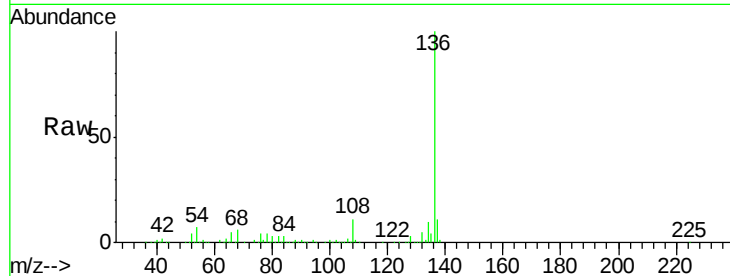
Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

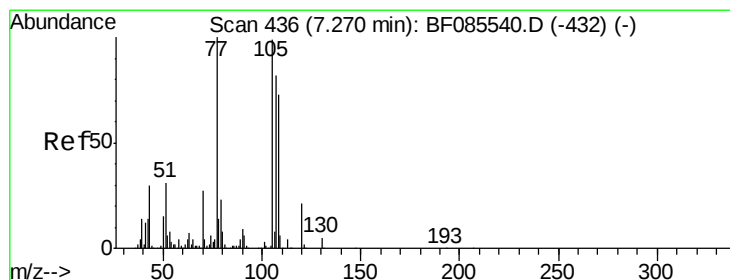
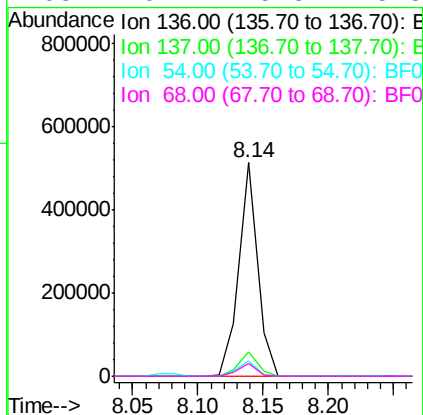
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Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.1	13.7
54	7.5	7.4	11.0
68	6.2	5.8	8.8

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#22

Acetophenone

Concen: 37.16 ng

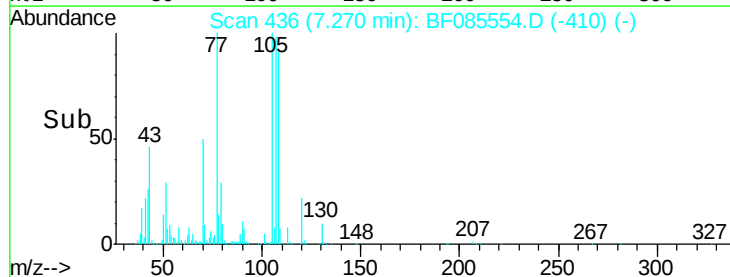
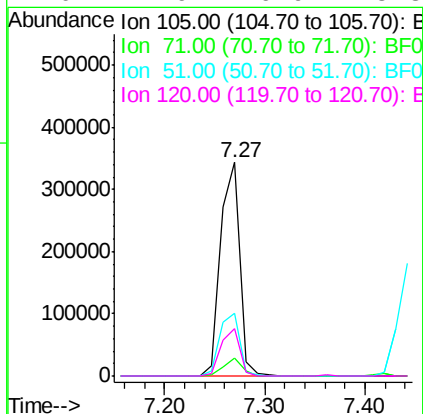
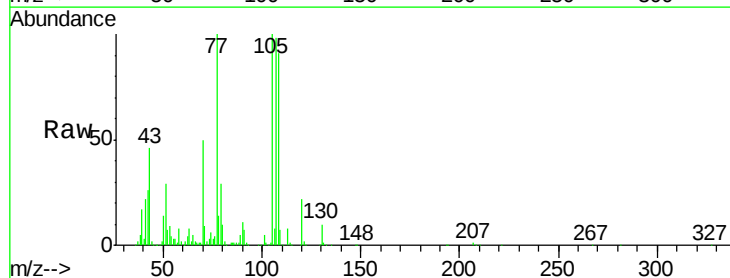
RT: 7.27 min Scan# 436

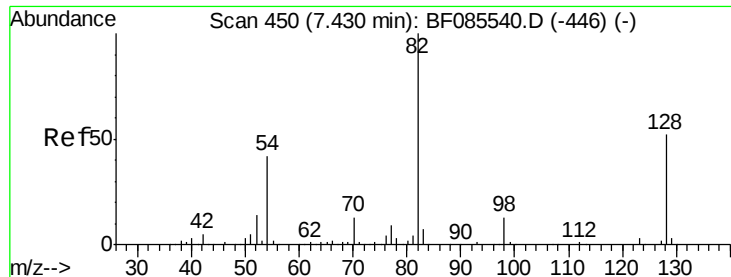
Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.5	3.6	5.4#
51	29.1	25.4	38.0
120	21.9	16.9	25.3





#23

Nitrobenzene-d5

Concen: 75.62 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

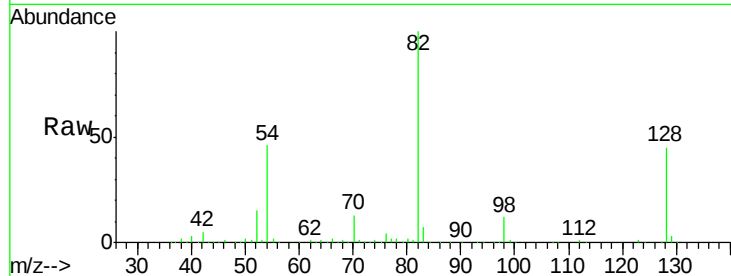
ClientSampleId :

PB89025BS

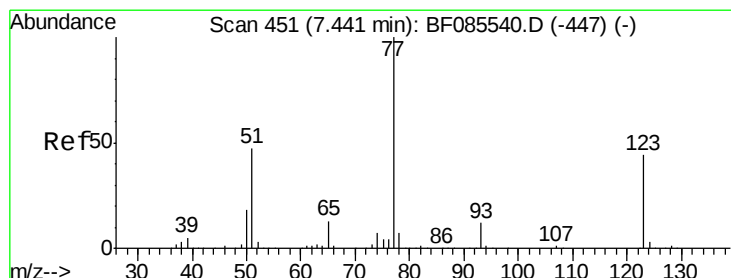
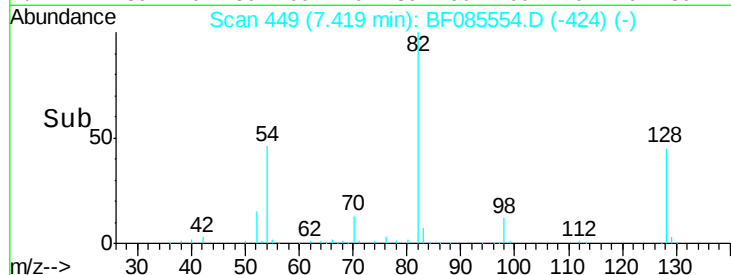
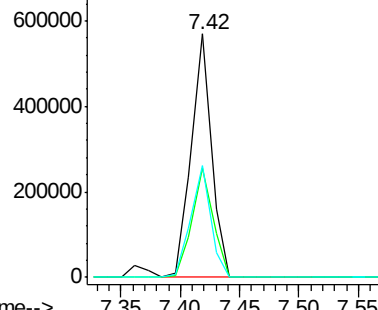
Tgt Ion:	82	Resp:	671136
Ion Ratio		Lower	Upper
82	100		
128	44.7	41.8	62.8
54	45.8	33.4	50.0

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



#24

Nitrobenzene

Concen: 41.59 ng

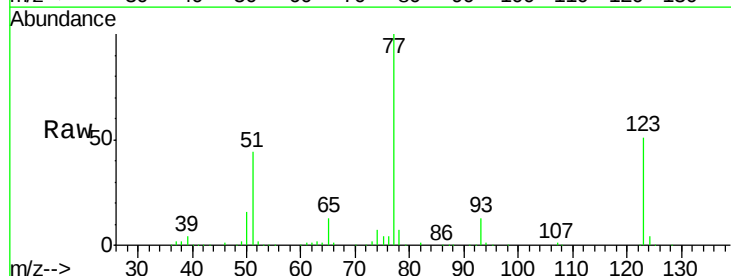
RT: 7.44 min Scan# 451

Delta R.T. 0.00 min

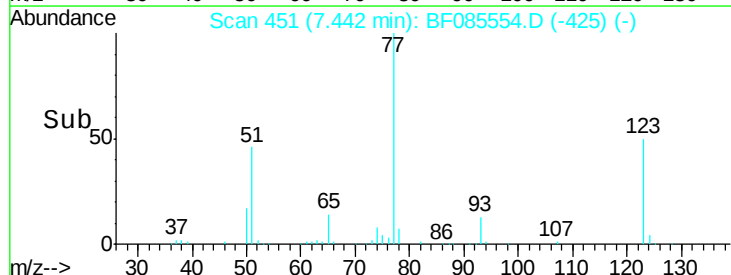
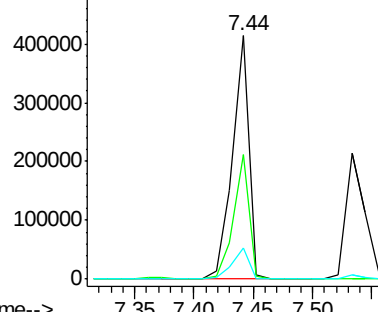
Lab File: BF085554.D

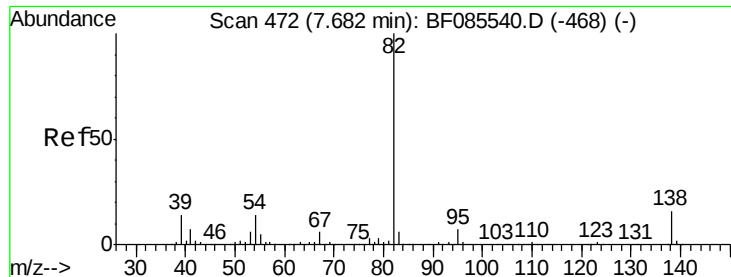
Acq: 19 Mar 2016 5:12

Tgt Ion:	77	Resp:	404100
Ion Ratio		Lower	Upper
77	100		
123	51.0	35.0	52.4
65	12.6	10.6	16.0



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





#25

Isophorone

Concen: 39.30 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

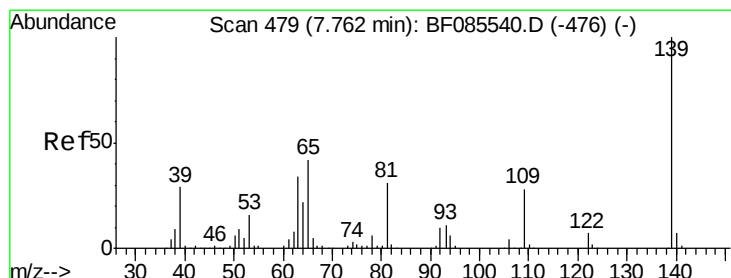
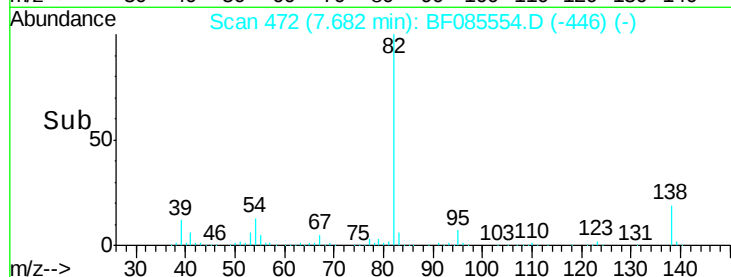
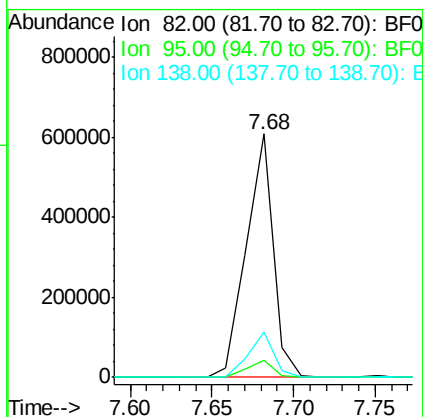
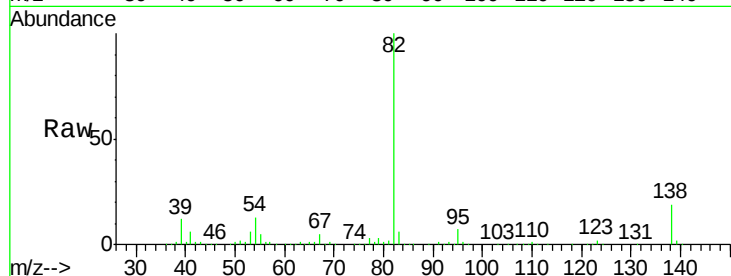
ClientSampleId :

PB89025BS

Tgt Ion:	82	Resp:	698394
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	18.5	12.9	19.3

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#26

2-Nitrophenol

Concen: 40.40 ng

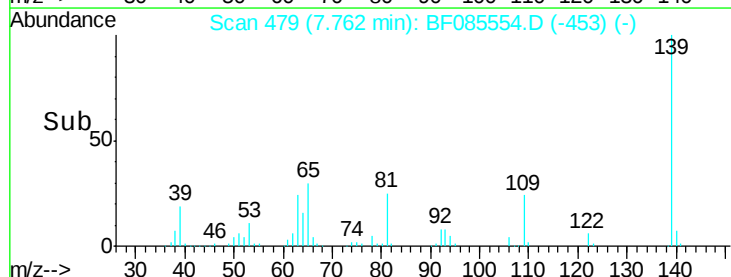
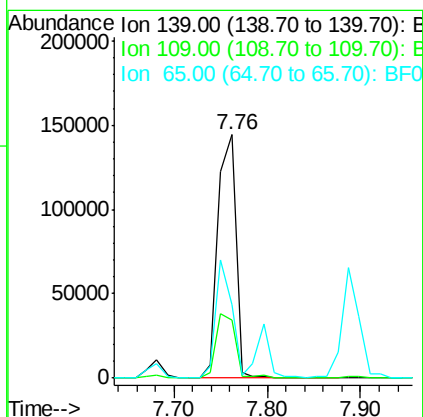
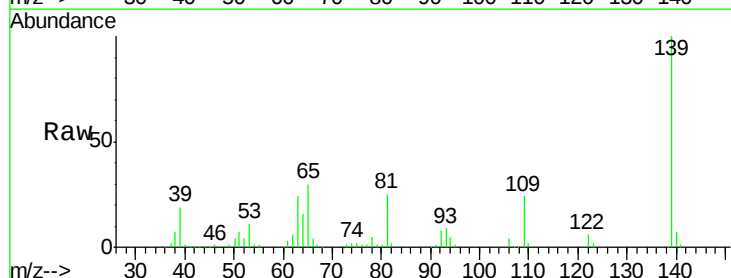
RT: 7.76 min Scan# 479

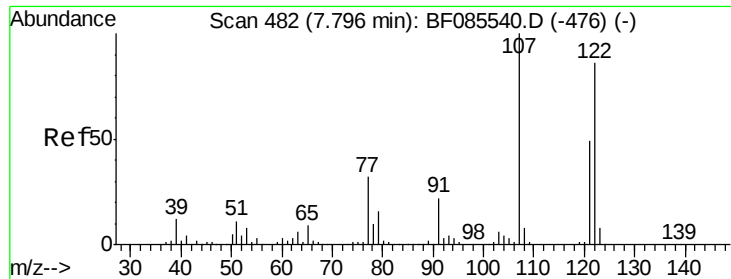
Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion:	139	Resp:	193961
Ion Ratio		Lower	Upper
139	100		
109	24.0	22.1	33.1
65	30.2	33.9	50.9#





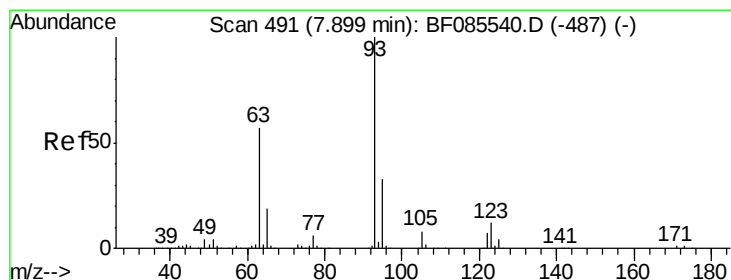
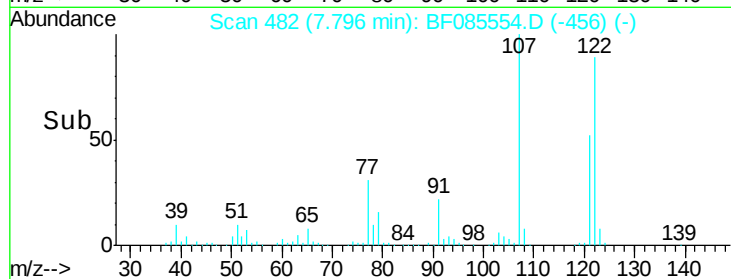
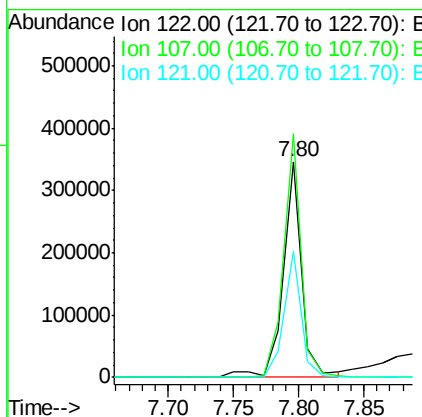
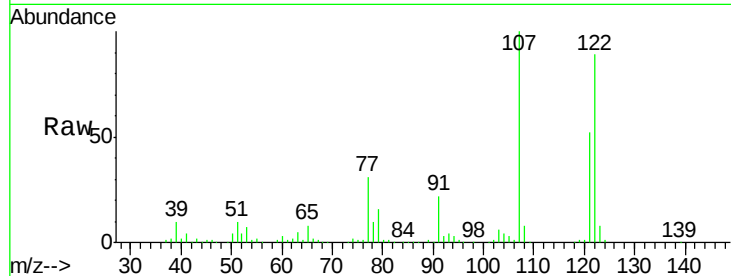
#27
 2,4-Dimethylphenol
 Concen: 40.39 ng
 RT: 7.80 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampled :
 PB89025BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	342901		
107	112.8	93.0	139.6	
121	58.3	45.9	68.9	

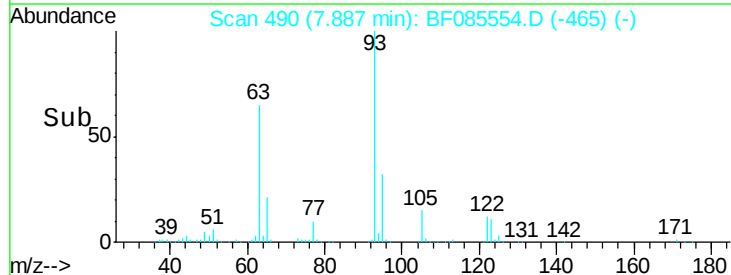
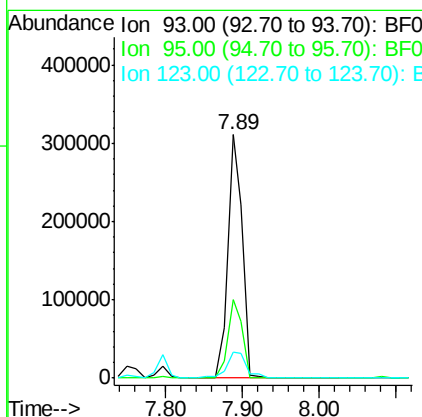
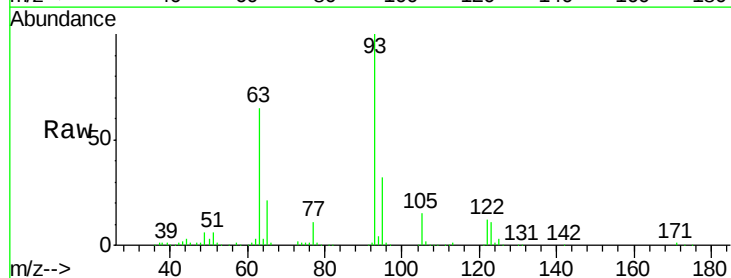
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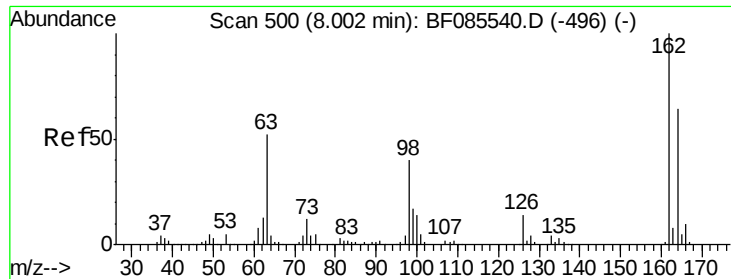
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.09 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	415290		
95	32.2	26.4	39.6	
123	10.9	9.8	14.6	





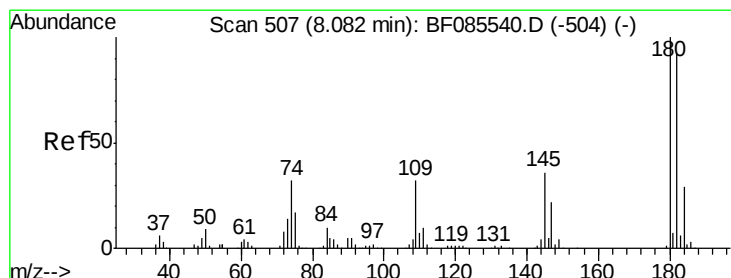
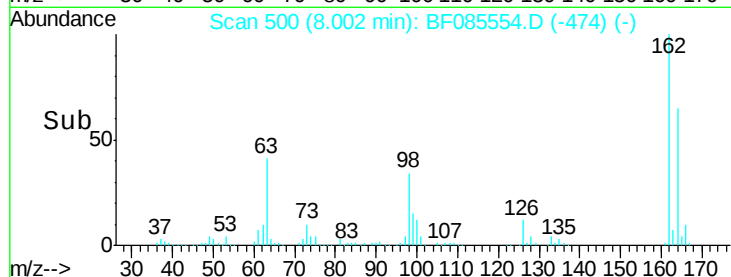
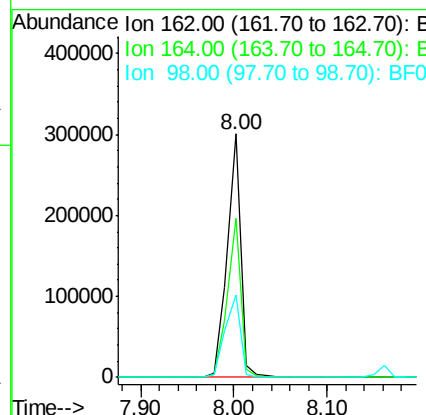
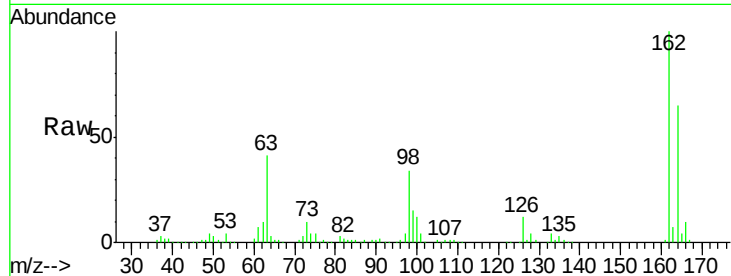
#29
 2,4-Dichlorophenol
 Concen: 42.88 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.3	43.7	83.7
98	33.8	20.4	60.4

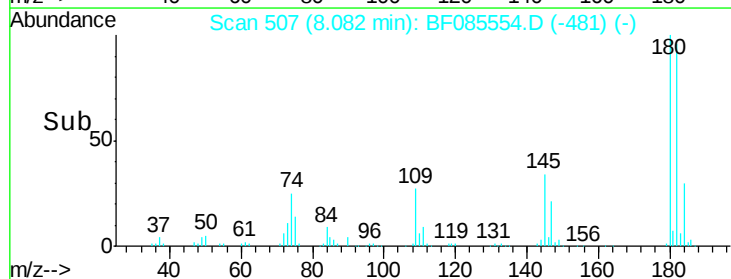
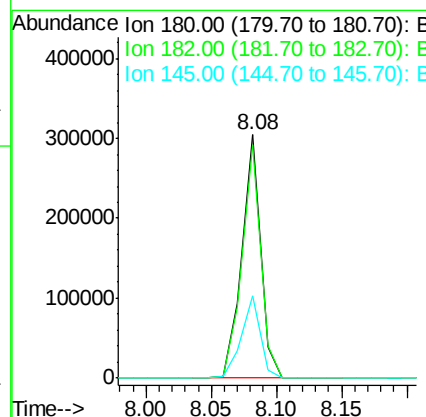
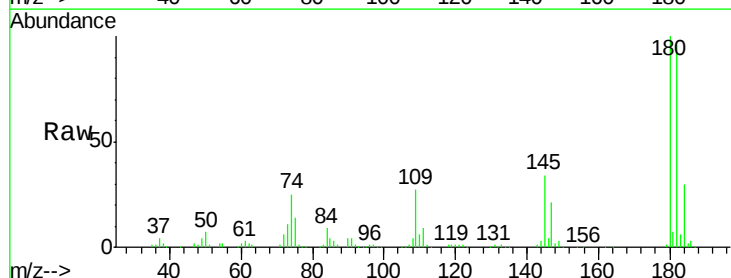
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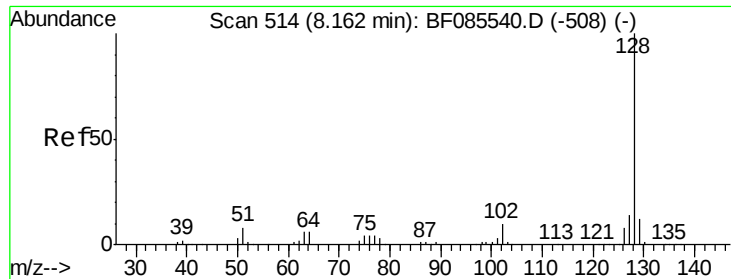
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.63 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	73.8	110.8
145	33.7	28.4	42.6





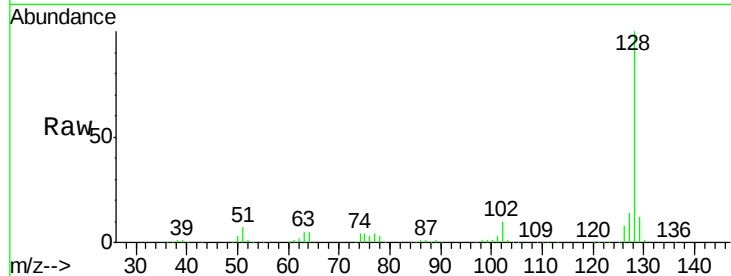
#31
Naphthalene
Concen: 39.19 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

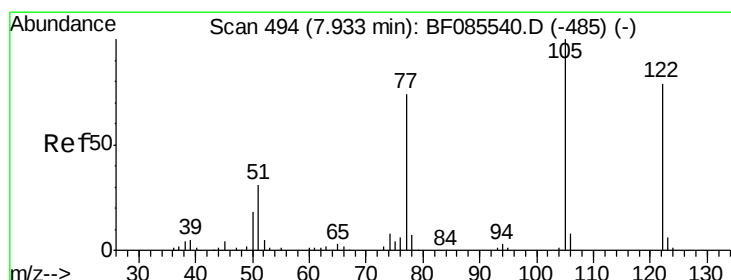
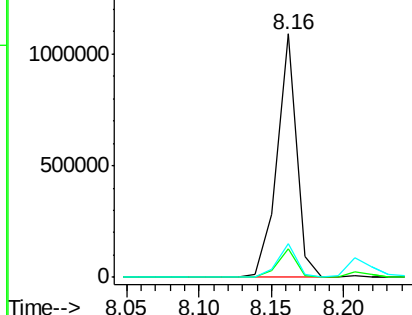
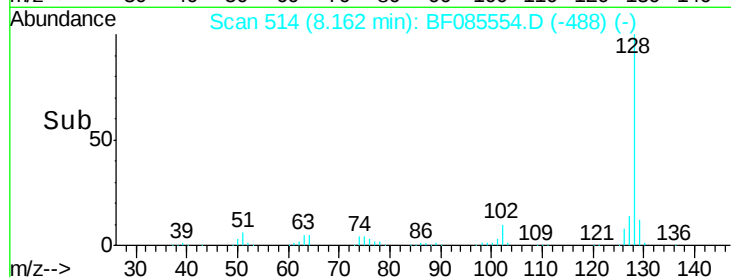
Tgt Ion:128 Resp: 1019045
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.8 11.0 16.6

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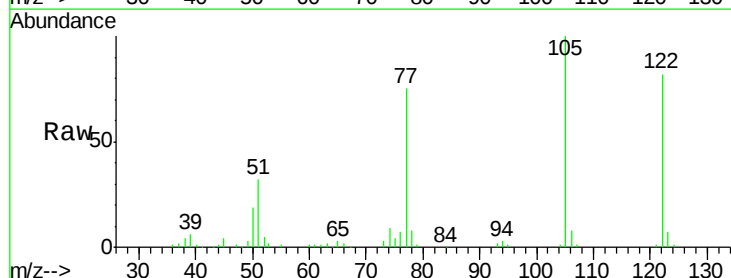


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

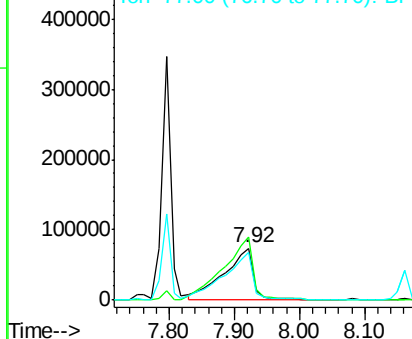
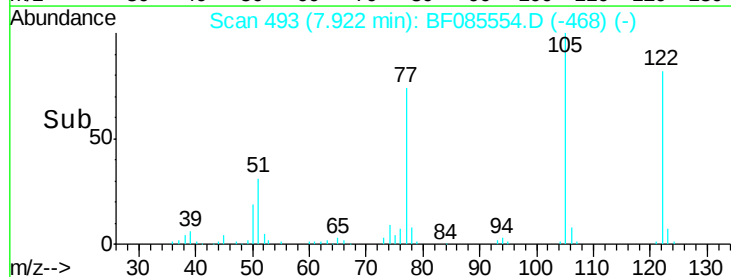


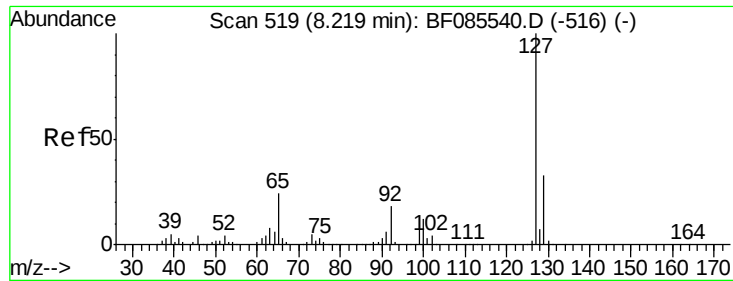
#32
Benzoic acid
Concen: 32.27 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:122 Resp: 229094
Ion Ratio Lower Upper
122 100
105 121.5 102.9 142.9
77 91.7 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
400000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





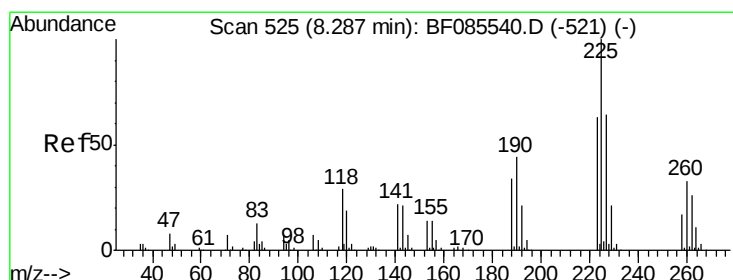
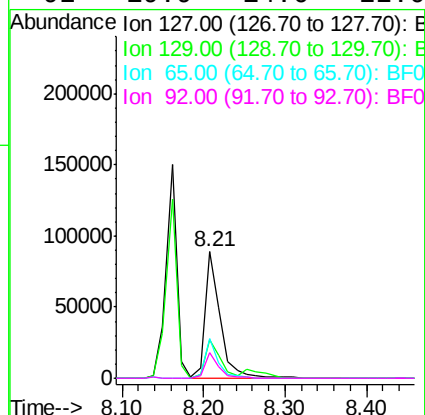
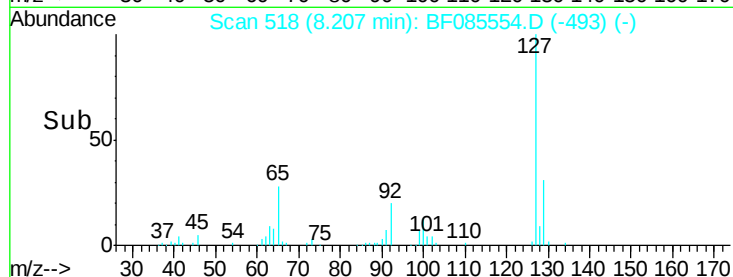
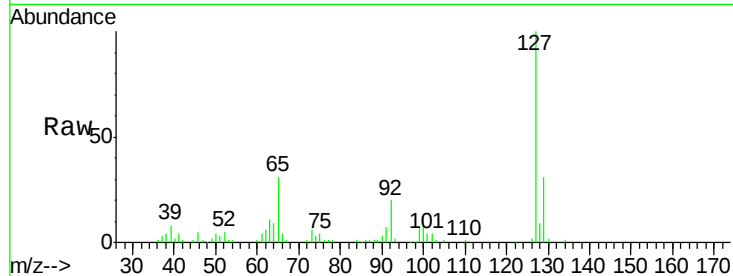
#33
4-Chloroaniline
Concen: 11.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.8	26.1	39.1
65	31.4	19.5	29.3
92	19.9	14.6	22.0

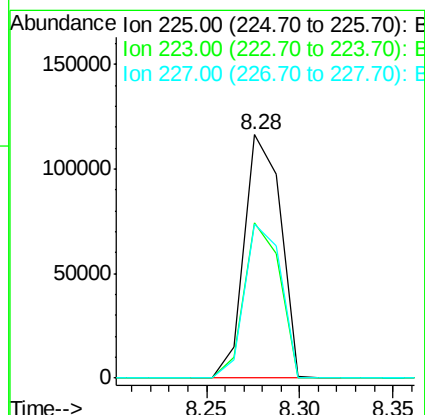
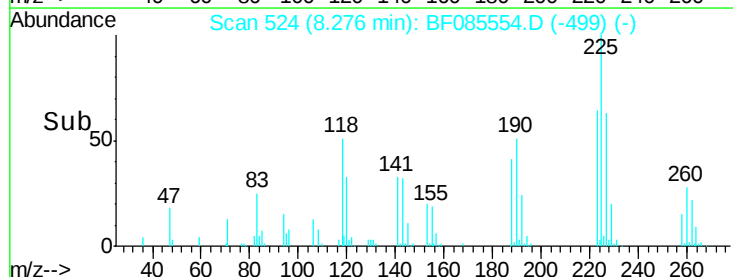
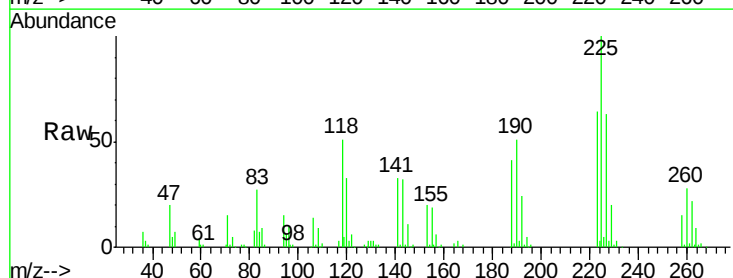
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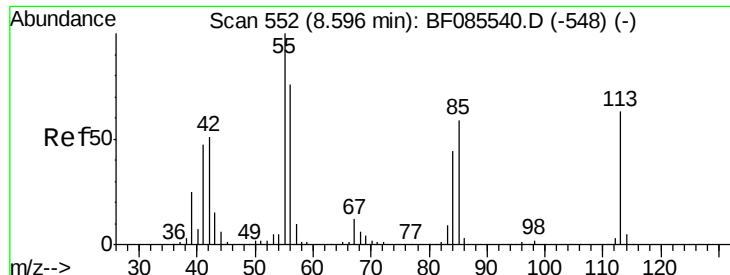
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#34
Hexachlorobutadiene
Concen: 37.59 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	50.4	75.6
227	63.3	51.4	77.2





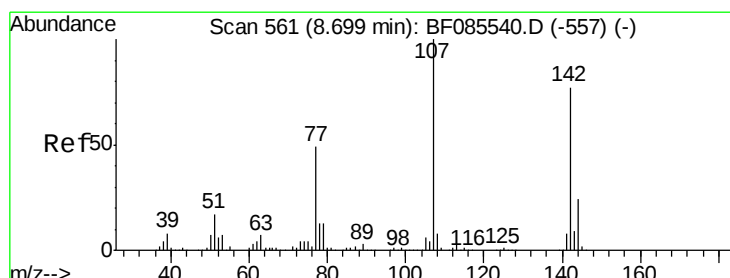
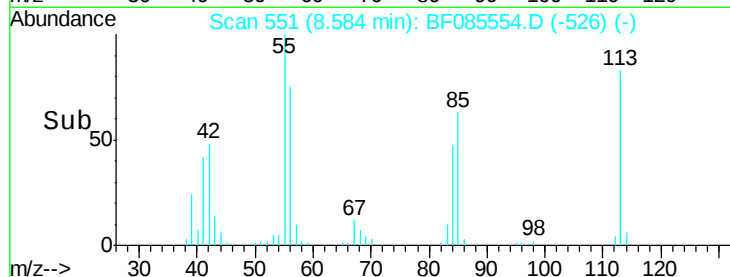
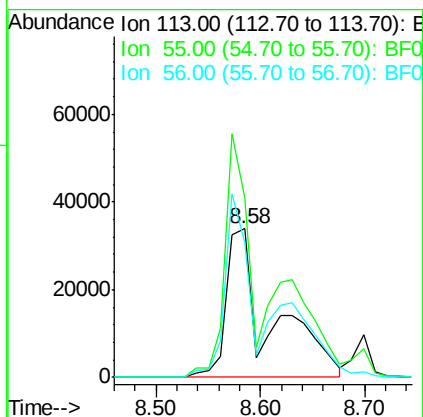
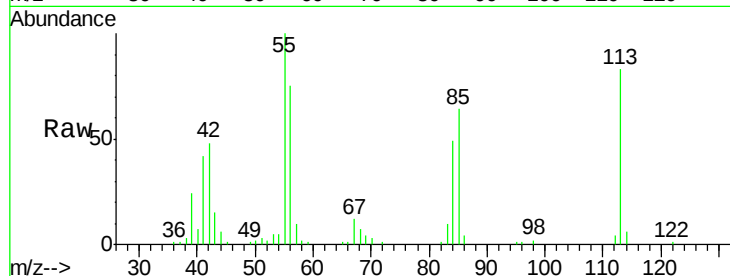
#35
Caprolactam
Concen: 41.12 ng m
RT: 8.58 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion:113 Resp: 99191
Ion Ratio Lower Upper
113 100
55 120.6 139.4 179.4#
56 90.9 100.4 140.4#

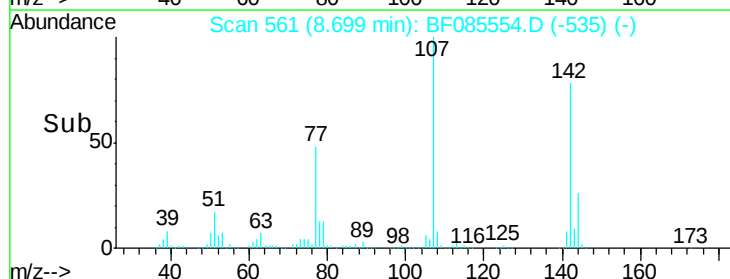
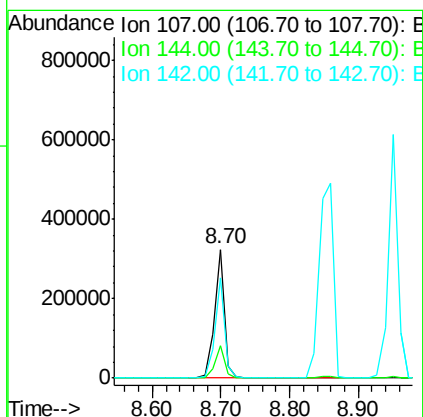
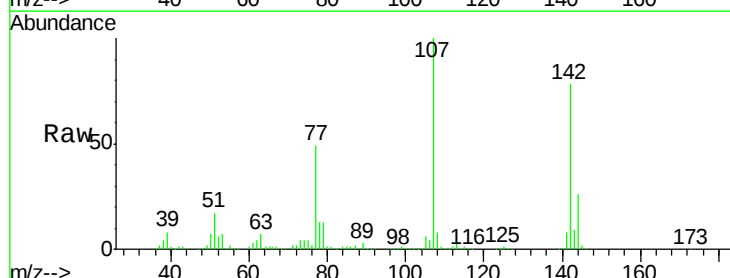
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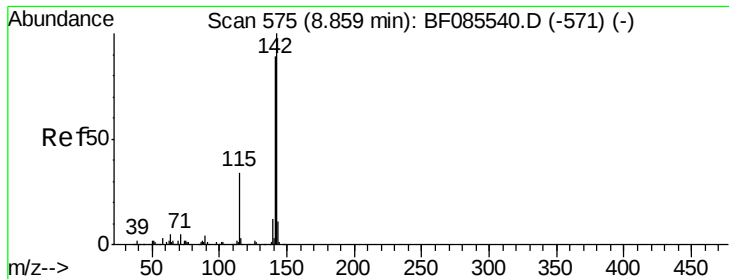
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#36
4-Chloro-3-methylphenol
Concen: 40.64 ng
RT: 8.70 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:107 Resp: 332781
Ion Ratio Lower Upper
107 100
144 25.5 19.3 28.9
142 78.2 61.4 92.0





#37

2-Methylnaphthalene

Concen: 43.74 ng

RT: 8.86 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF085554.D

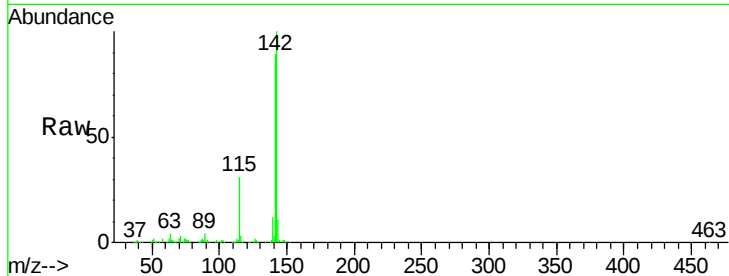
Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

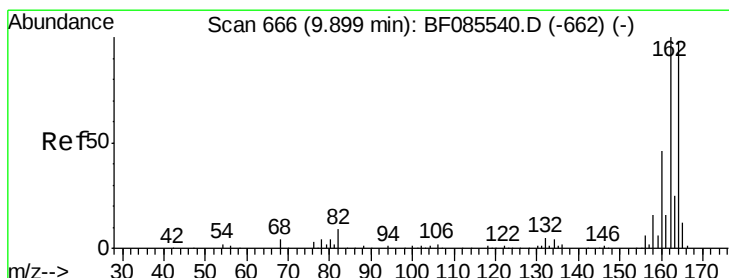
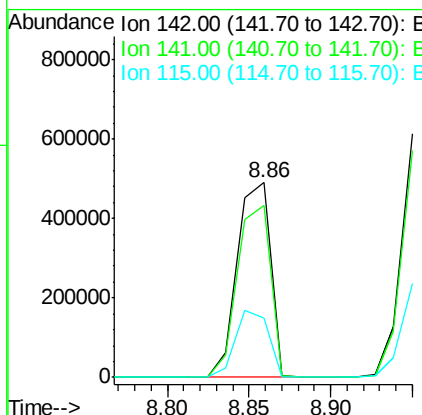
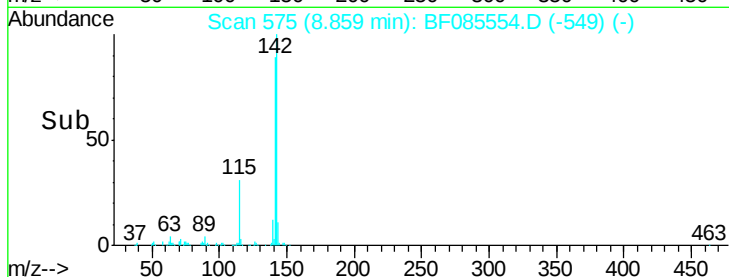
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Tgt Ion:	142	Resp:	693252
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.6	107.4
115	30.8	26.8	40.2

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#38

Acenaphthene-d10

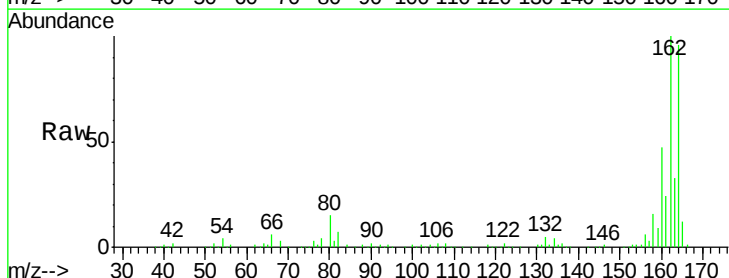
Concen: 20.00 ng

RT: 9.90 min Scan# 666

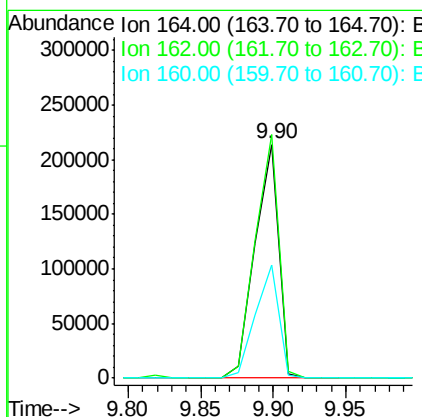
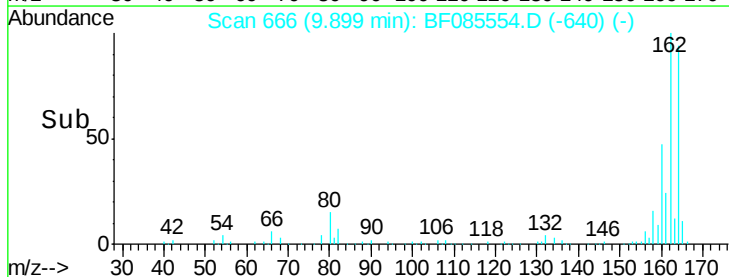
Delta R.T. 0.00 min

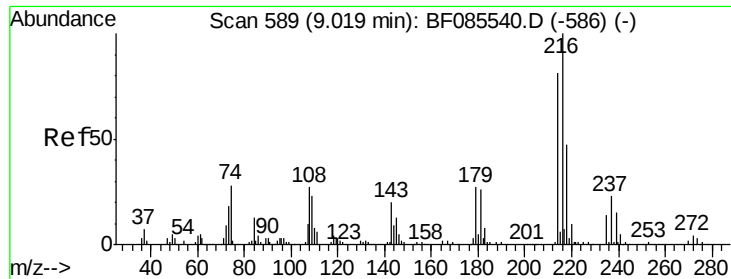
Lab File: BF085554.D

Acq: 19 Mar 2016 5:12



Tgt Ion:	164	Resp:	242112
Ion Ratio	Lower	Upper	
164	100		
162	104.2	82.1	123.1
160	48.5	37.4	56.2





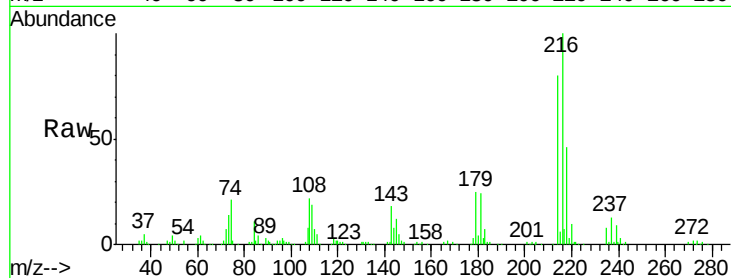
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.12 ng
 RT: 9.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

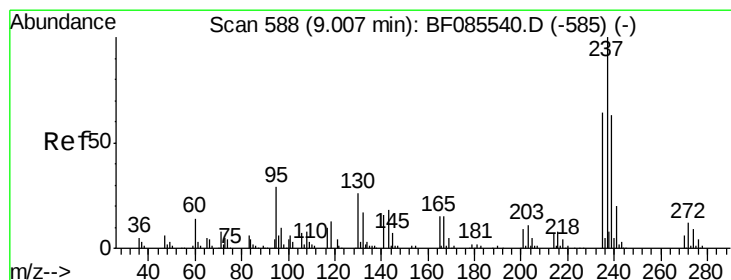
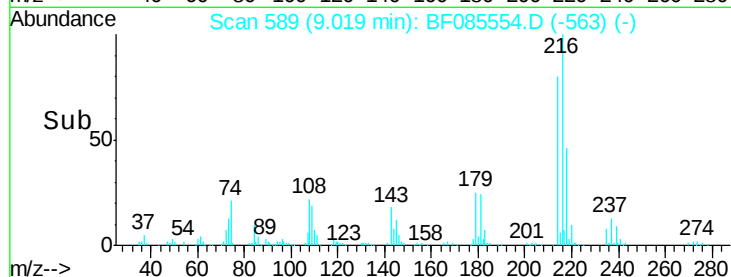
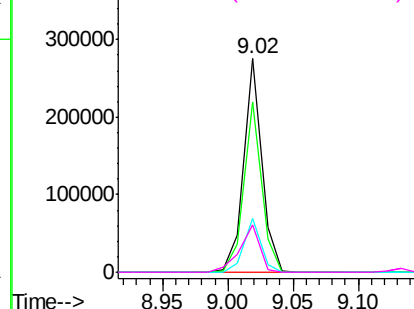
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	265290		
214	78.3	63.1	94.7	
179	23.7	18.2	27.2	
108	24.9	17.3	25.9	

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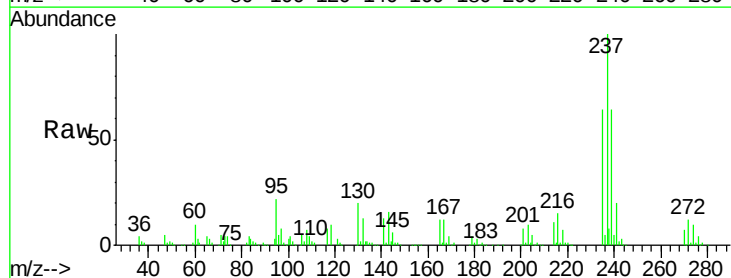


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

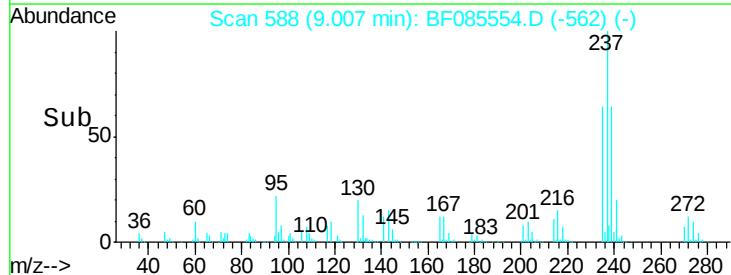
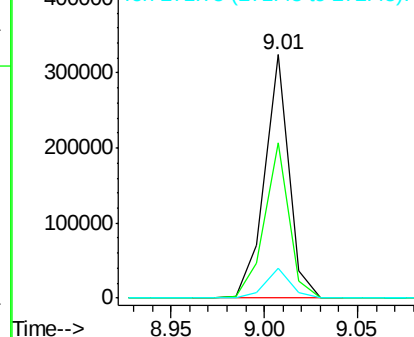


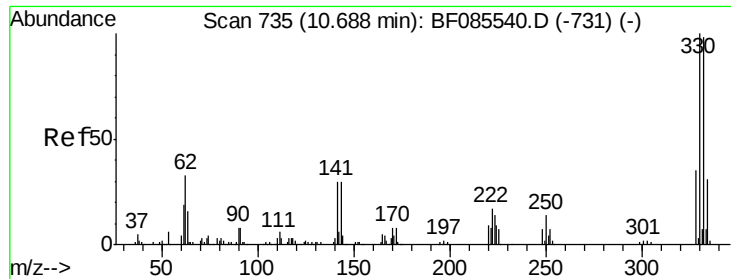
#40
 Hexachlorocyclopentadiene
 Concen: 90.03 ng
 RT: 9.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	297996		
235	63.9	43.7	83.7	
272	12.5	0.0	31.9	



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





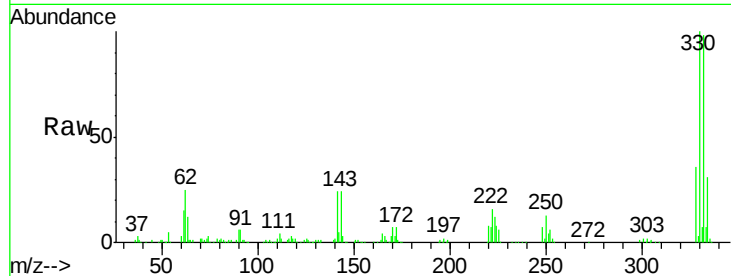
#41
 2,4,6-Tribromophenol
 Concen: 125.26 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

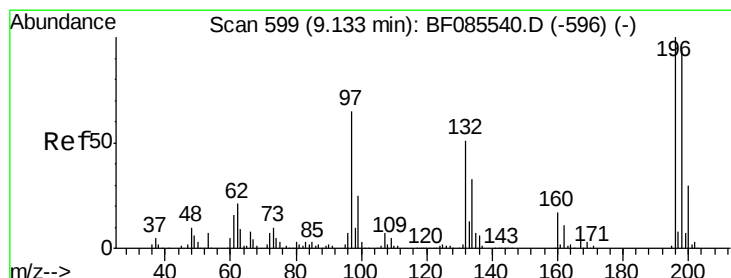
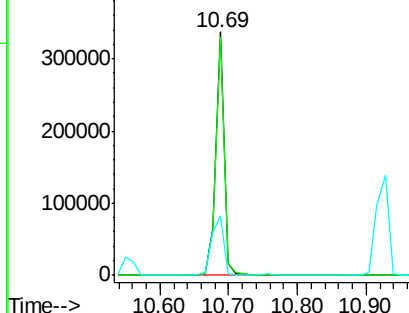
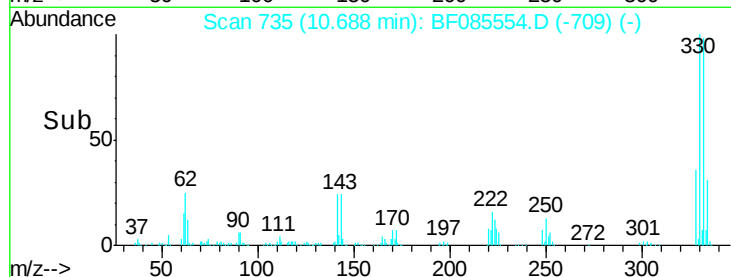
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	297061		
332	97.8	78.2	117.2	
141	34.8	31.5	47.3	

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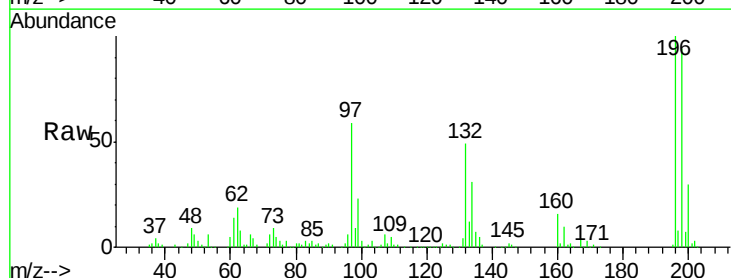


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

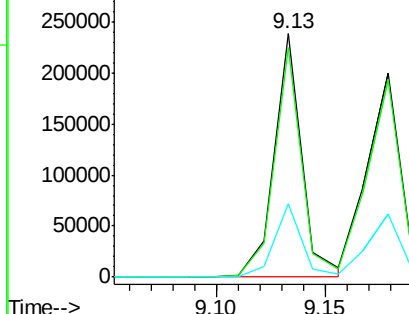
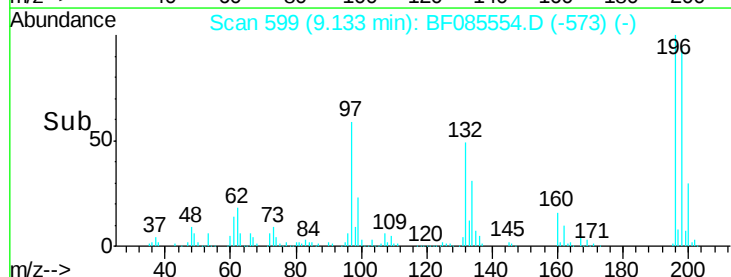


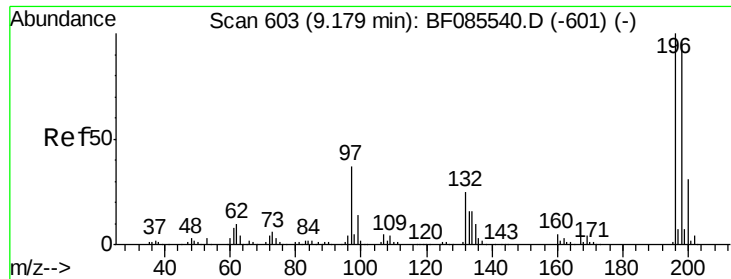
#42
 2,4,6-Trichlorophenol
 Concen: 41.95 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210879		
198	94.1	75.3	112.9	
200	30.1	23.7	35.5	



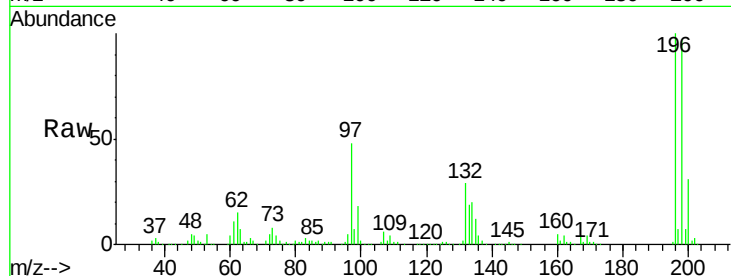
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.80 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

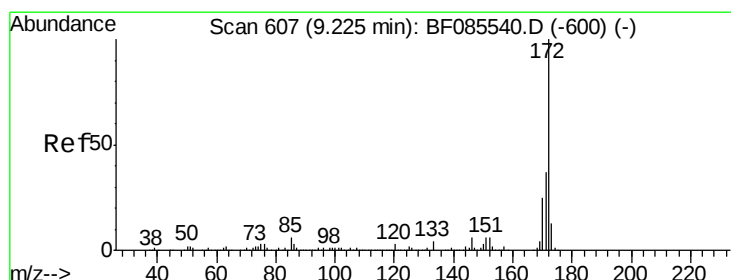
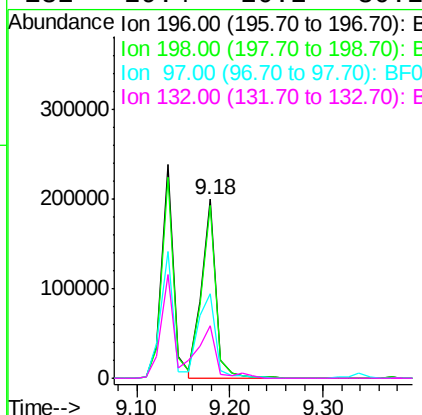
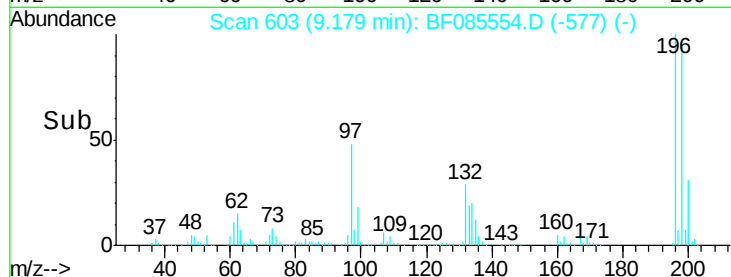
Instrument :
 BNA_F
 ClientSampled :
 PB89025BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218984		
198	96.7	76.6	114.8	
97	47.6	30.5	45.7#	
132	29.4	20.2	30.2	

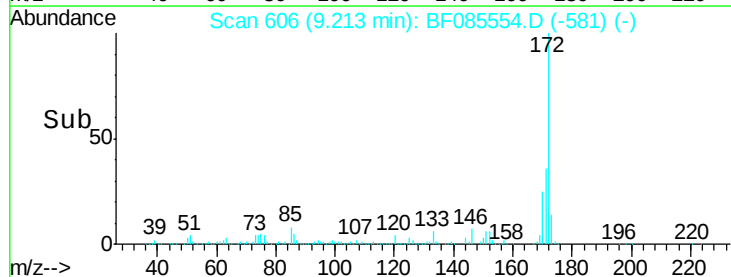
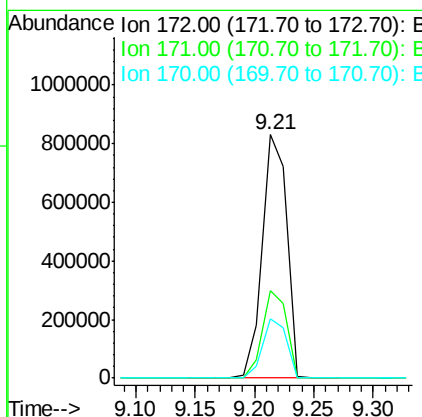
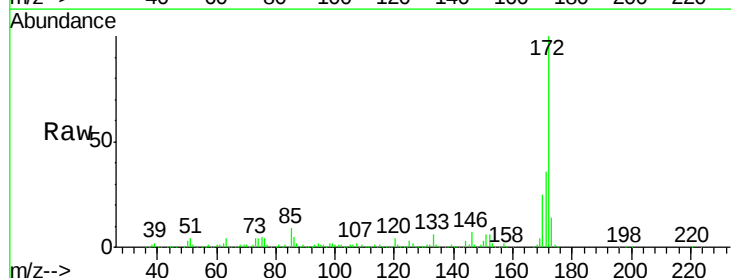
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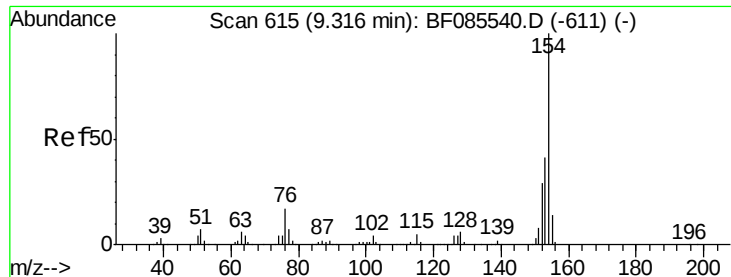
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#44
 2-Fluorobiphenyl
 Concen: 84.25 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1198435		
171	36.2	29.4	44.2	
170	24.6	19.8	29.6	





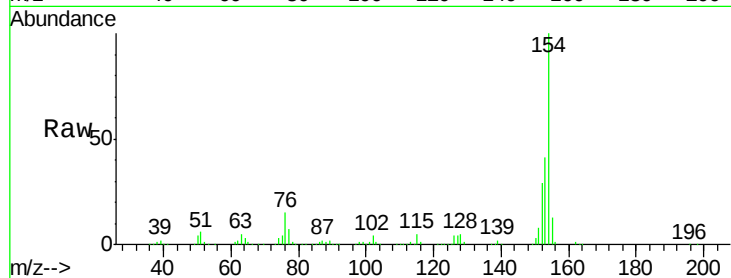
#45
1,1'-Biphenyl
Concen: 35.19 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

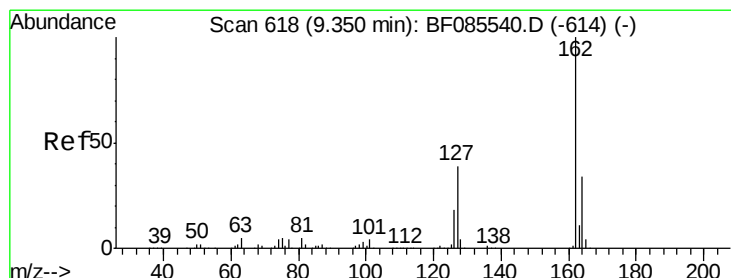
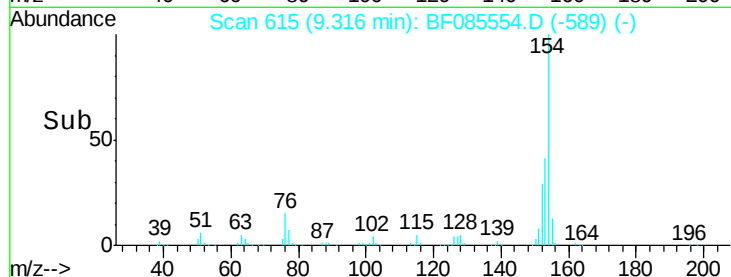
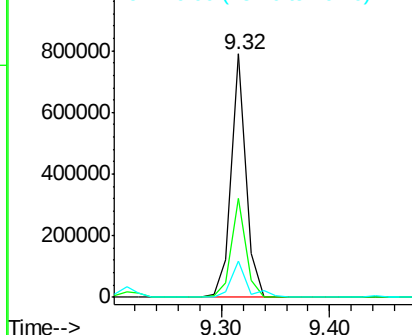
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.5	20.8	60.8
76	14.8	0.0	36.7

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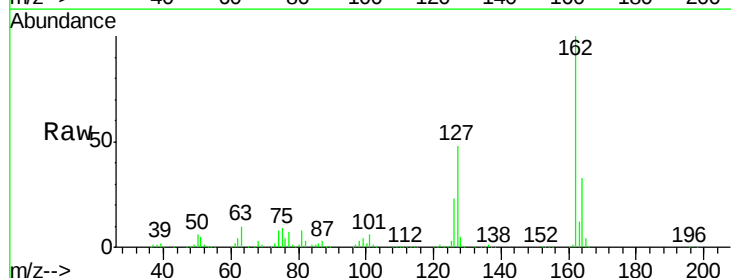


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

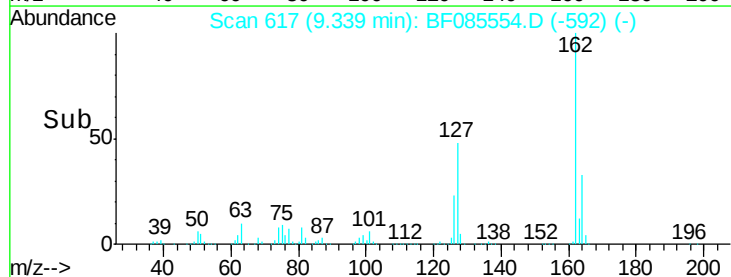
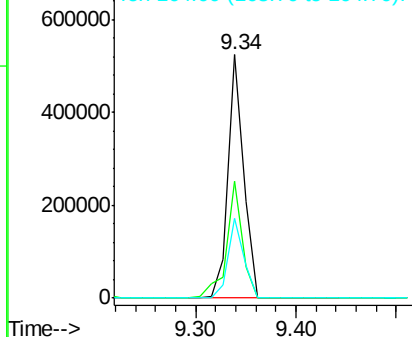


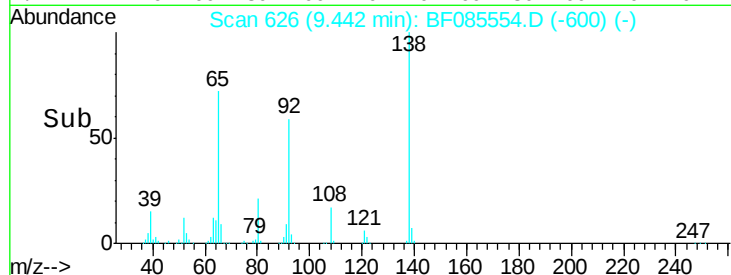
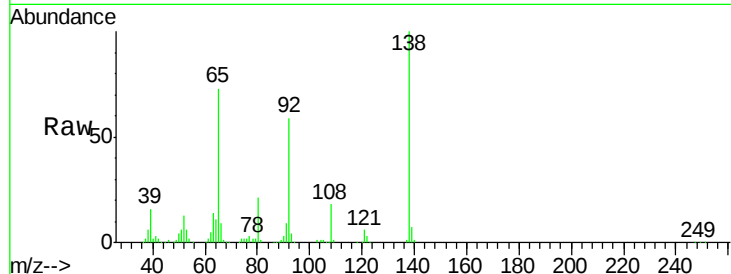
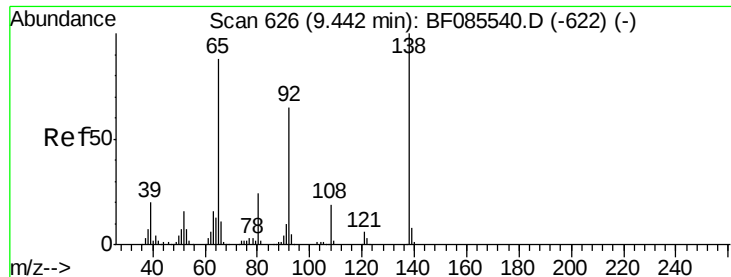
#46
2-Chloronaphthalene
Concen: 37.14 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	47.8	31.7	47.5#
164	32.7	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





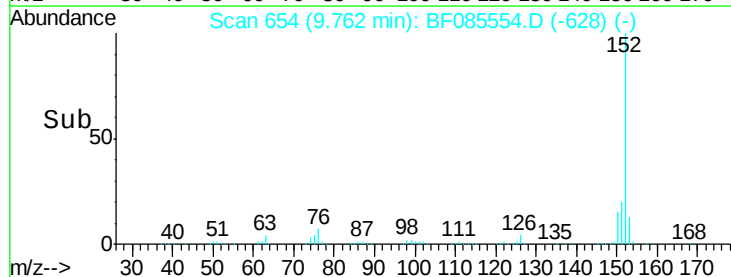
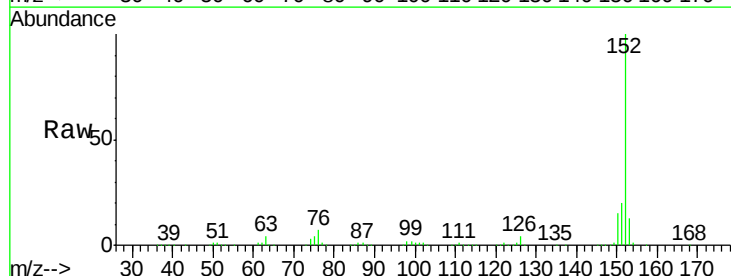
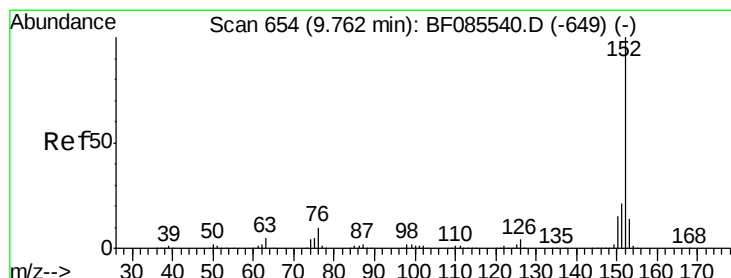
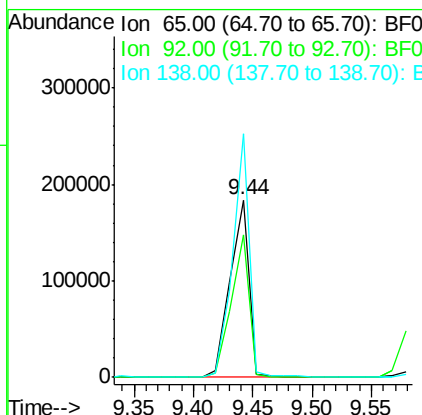
#47
2-Nitroaniline
Concen: 44.12 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion: 65 Resp: 203610
Ion Ratio Lower Upper
65 100
92 80.7 59.7 89.5
138 137.4 91.4 137.0#

Instrument :
BNA_F
ClientSampleId :
PB89025BS

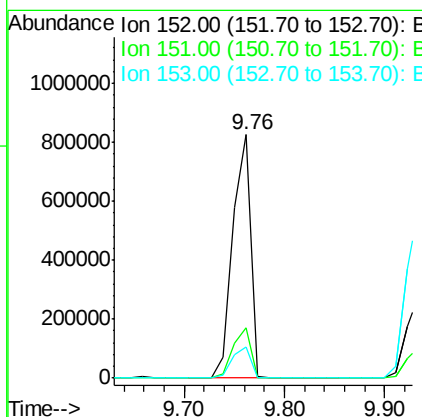
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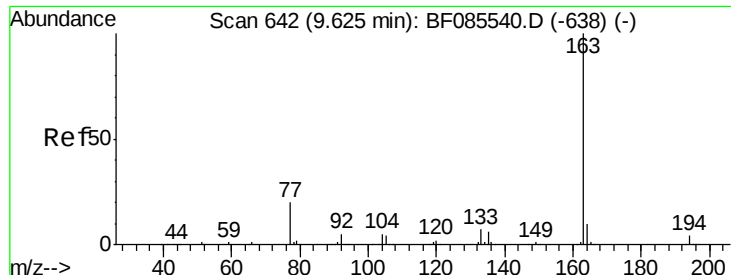
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#48
Acenaphthylene
Concen: 41.31 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion: 152 Resp: 1019964
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 12.8 10.9 16.3





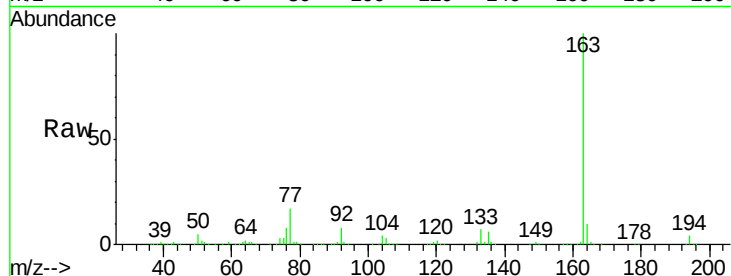
#49
Dimethylphthalate
Concen: 42.15 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

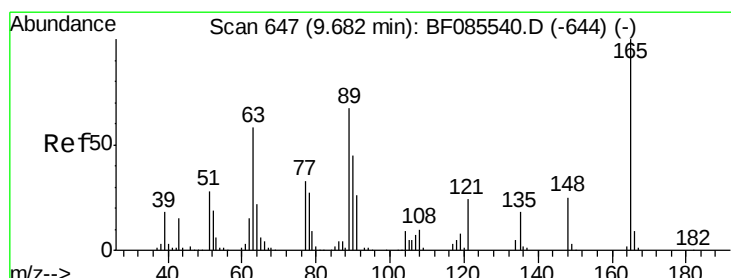
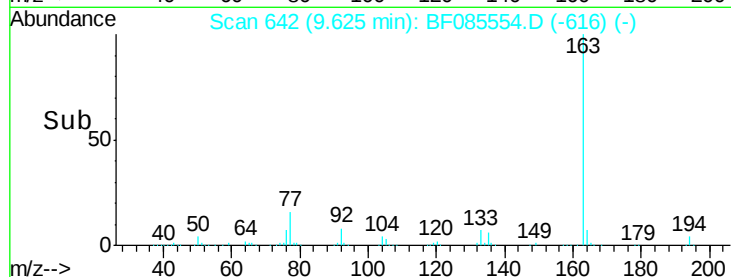
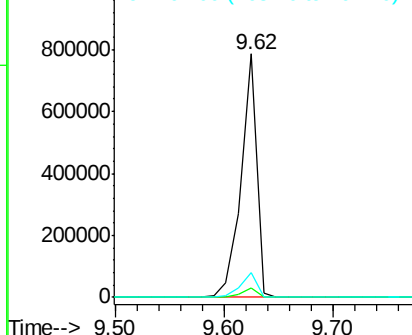
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	10.0	8.3	12.5

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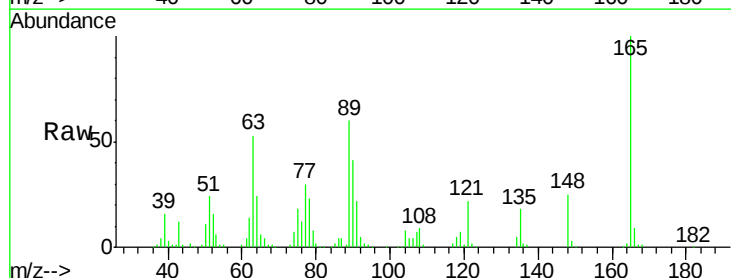


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

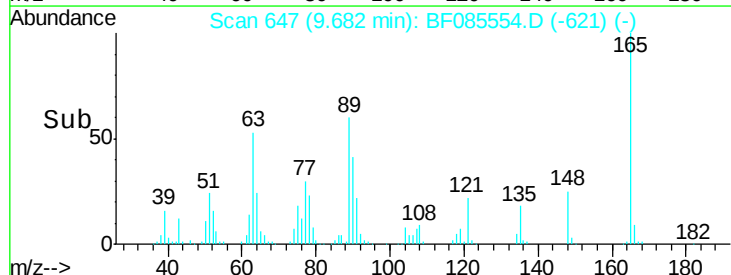
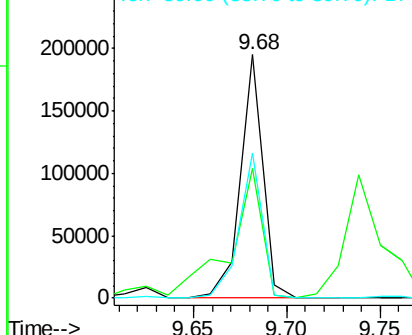


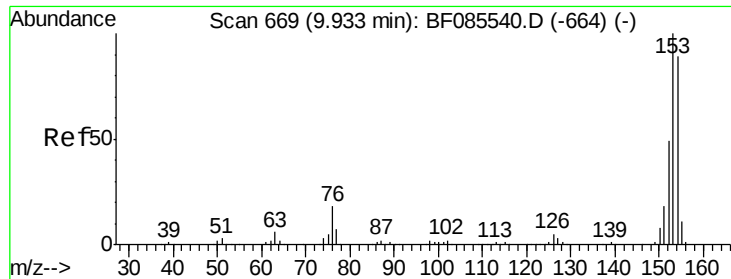
#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.3	51.8	77.8
89	59.5	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





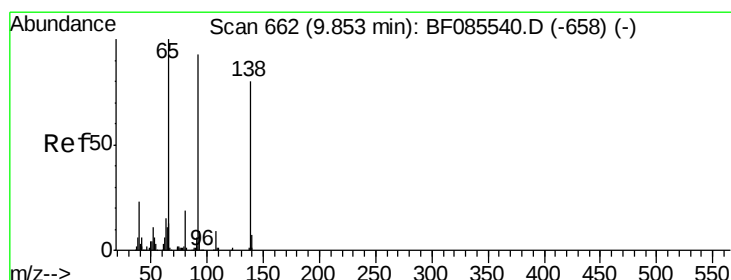
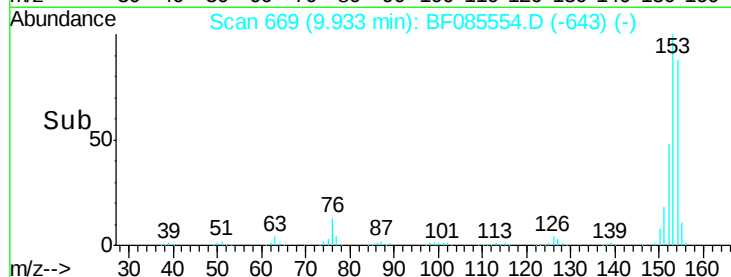
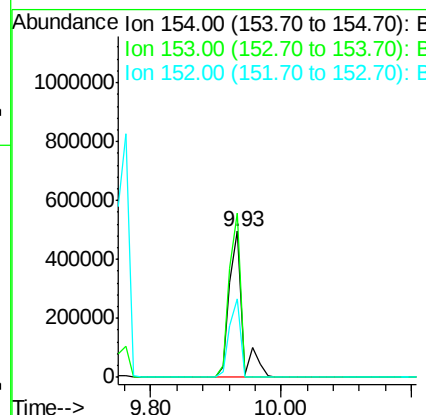
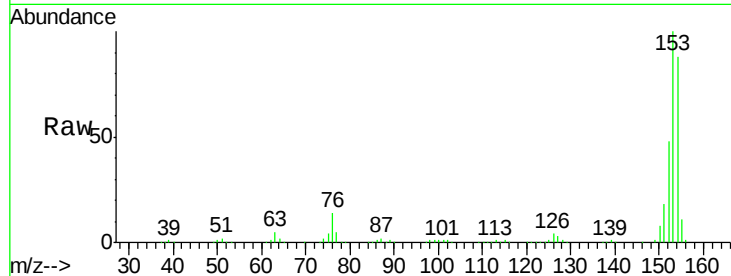
#51
Acenaphthene
Concen: 45.59 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	54.2	44.2	66.2

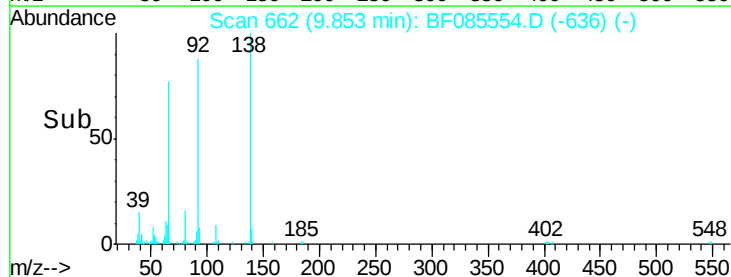
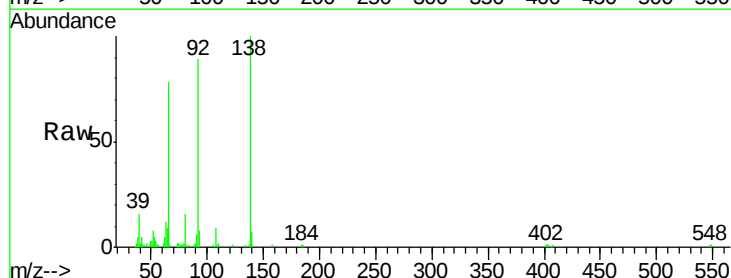
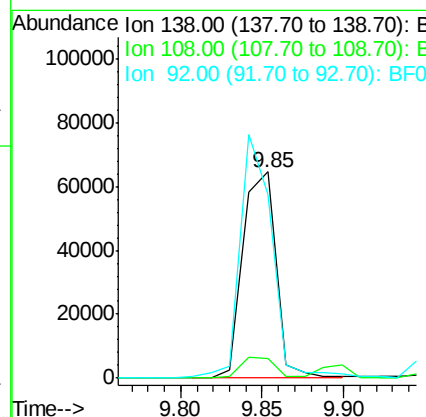
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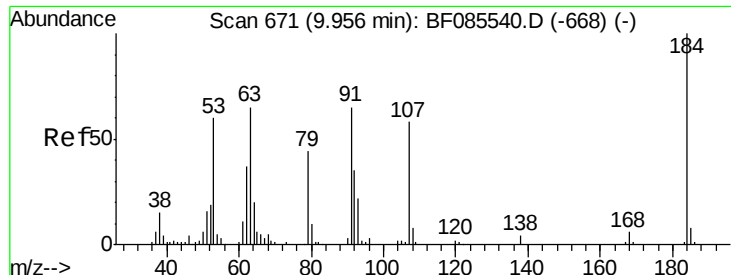
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#52
3-Nitroaniline
Concen: 18.81 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.7	13.1
92	88.9	93.3	139.9#





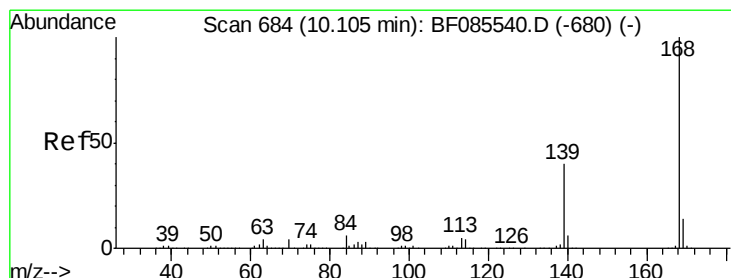
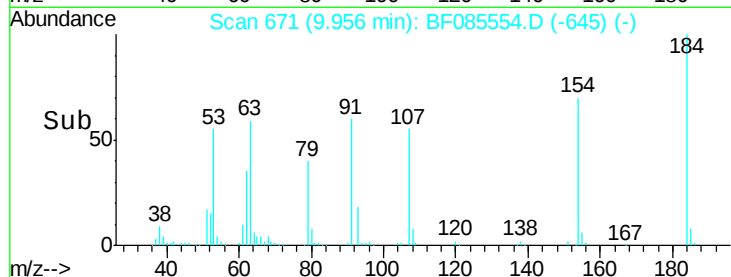
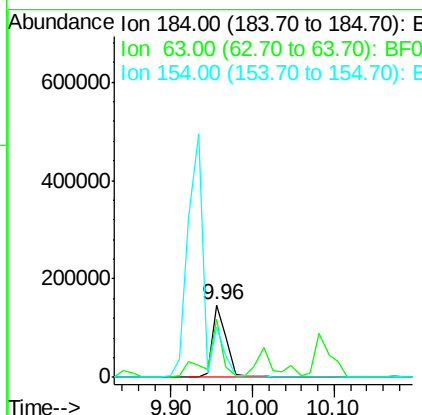
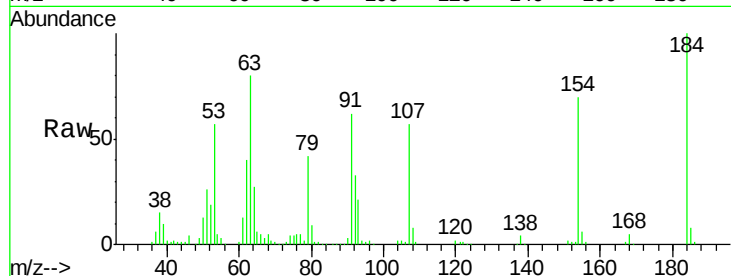
#53
2,4-Dinitrophenol
Concen: 75.71 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	178899		
63	80.2	69.5	104.3	
154	70.1	58.3	87.5	

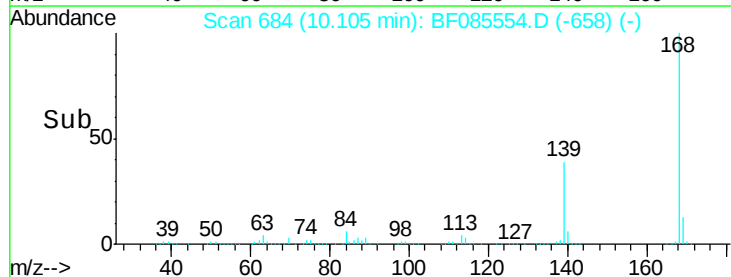
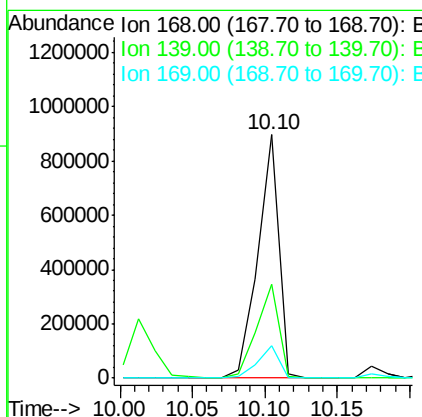
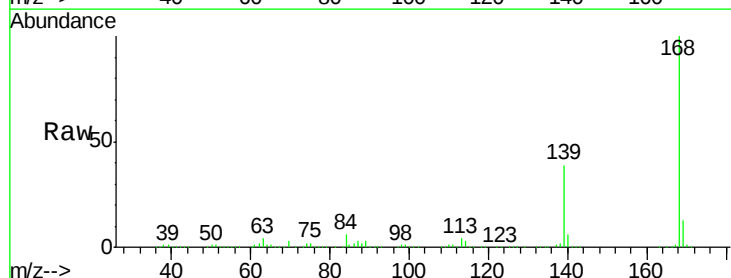
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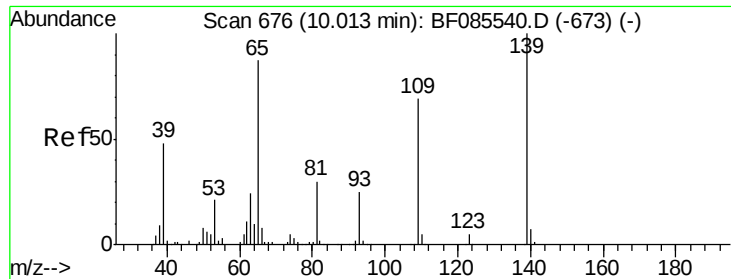
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#54
Dibenzofuran
Concen: 47.60 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	898077		
139	38.8	31.9	47.9	
169	13.4	11.0	16.6	





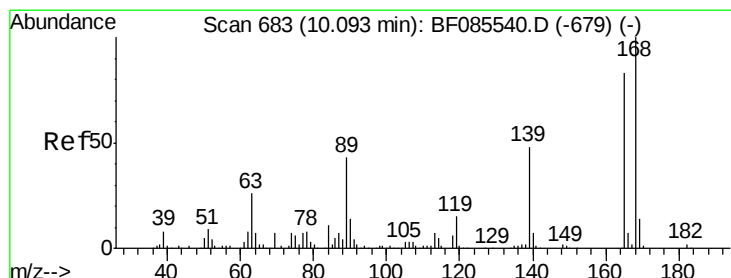
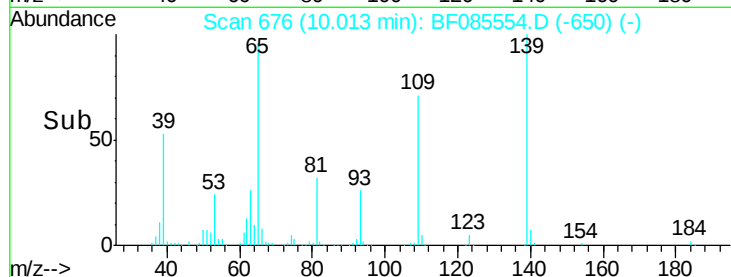
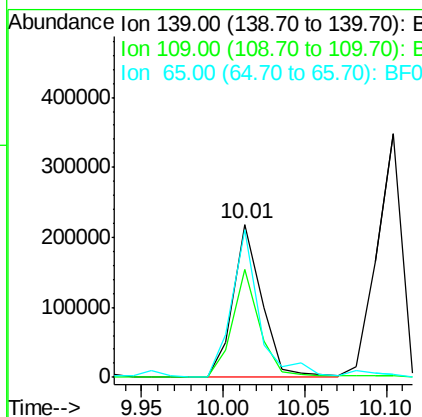
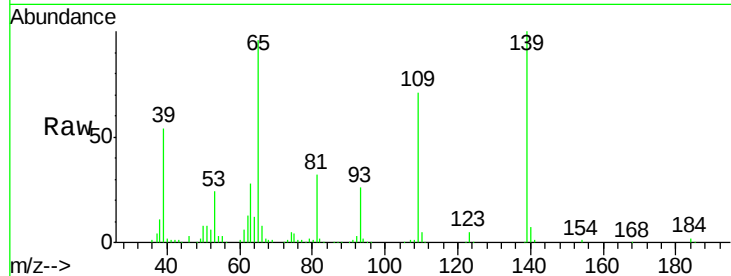
#55
4-Nitrophenol
Concen: 71.68 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	267626		
109	70.9	49.2	89.2	
65	96.3	66.9	106.9	

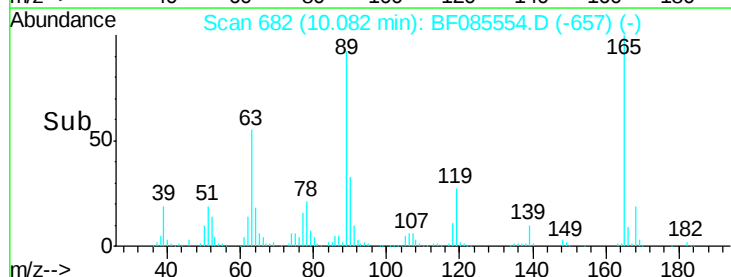
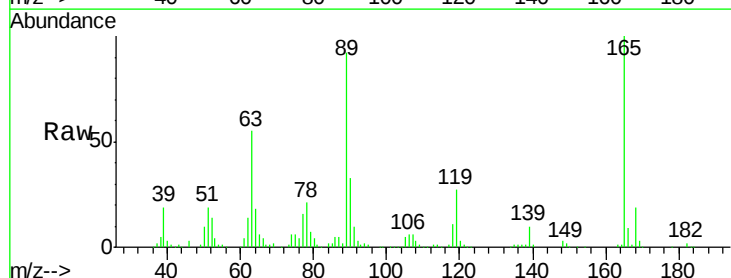
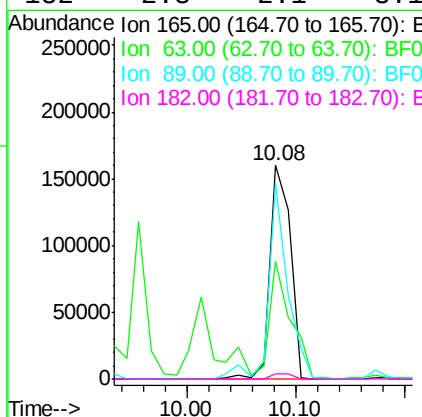
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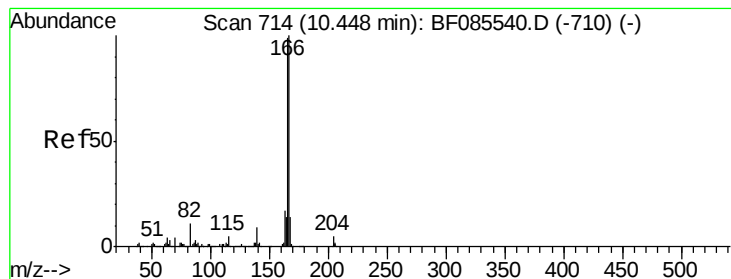
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#56
2,4-Dinitrotoluene
Concen: 41.35 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208815		
63	55.0	24.9	37.3#	
89	91.9	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 42.68 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085554.D

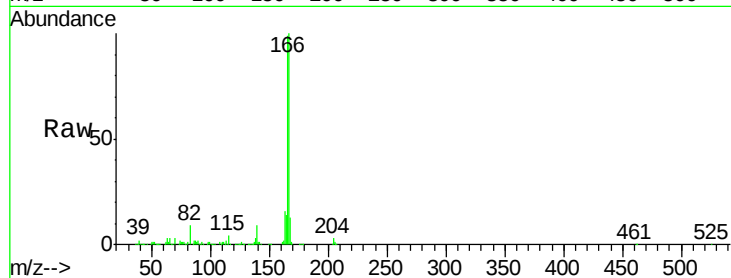
Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

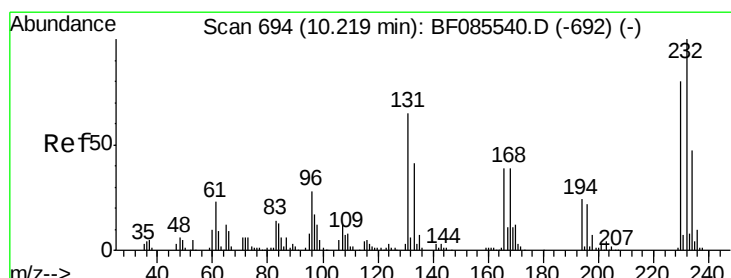
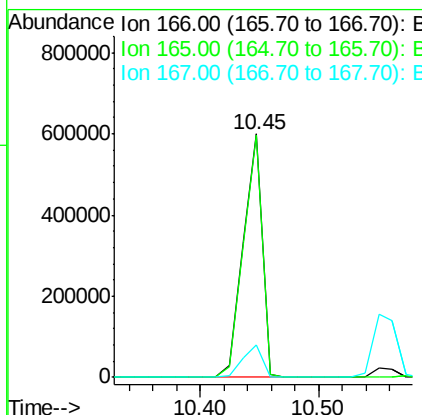
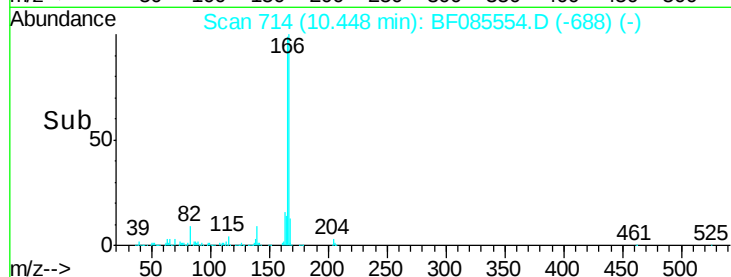
PB89025BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	671059		
165	99.3	79.4	119.0	
167	13.3	11.0	16.4	

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#58

2,3,4,6-Tetrachlorophenol

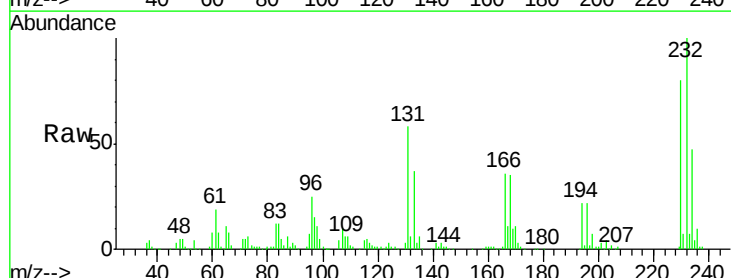
Concen: 46.05 ng

RT: 10.22 min Scan# 694

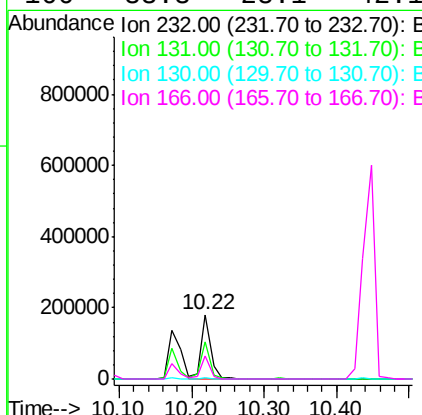
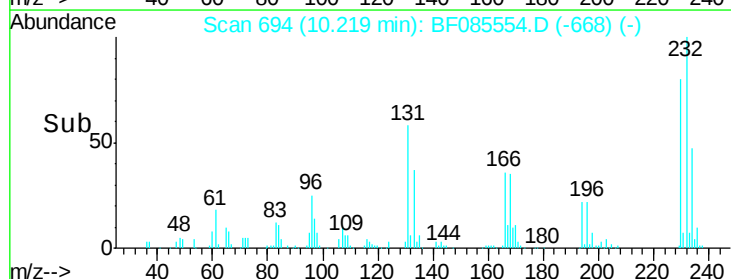
Delta R.T. 0.00 min

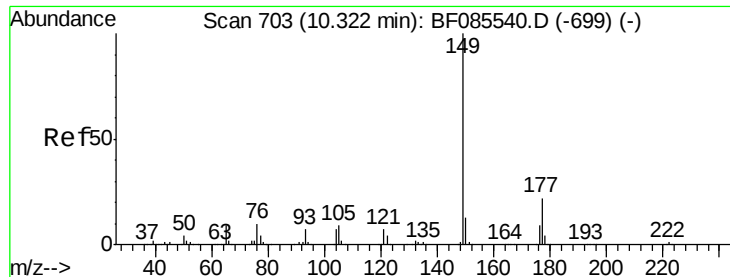
Lab File: BF085554.D

Acq: 19 Mar 2016 5:12



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	169646		
131	55.3	44.9	67.3	
130	2.7	2.3	3.5	
166	33.3	28.1	42.1	





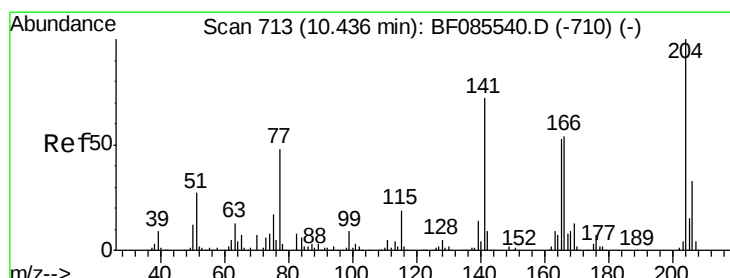
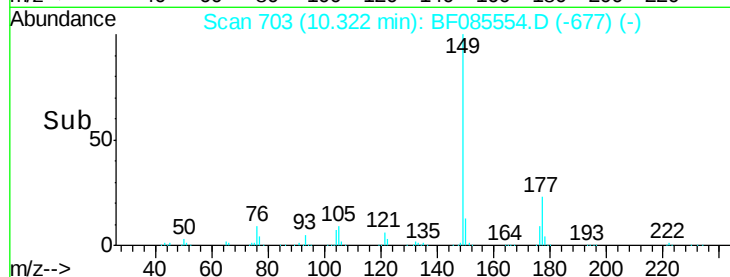
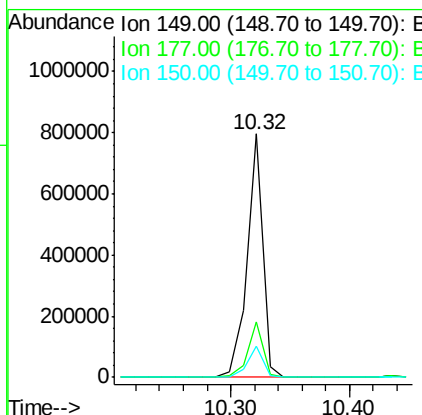
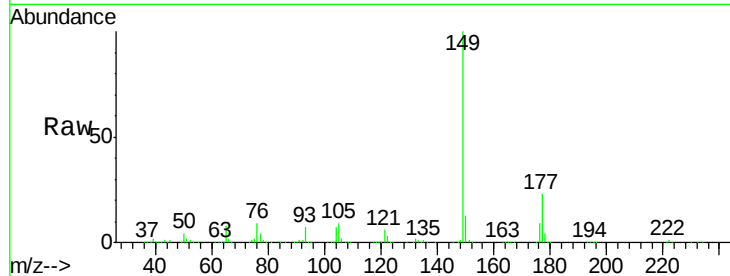
#59
Diethylphthalate
Concen: 40.49 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampled :
PB89025BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	735467		
177	22.8	17.9	26.9	
150	12.8	10.2	15.2	

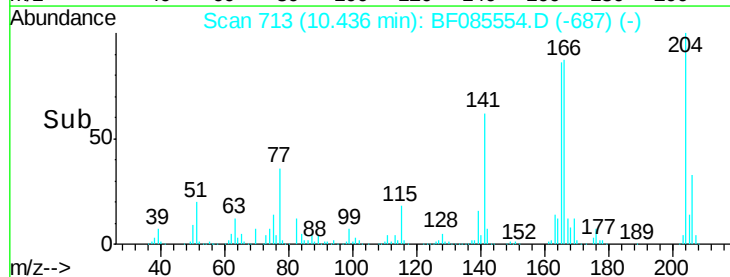
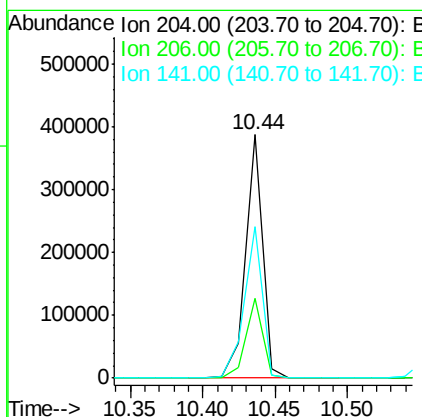
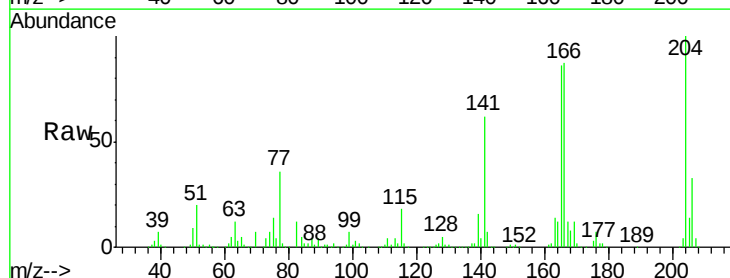
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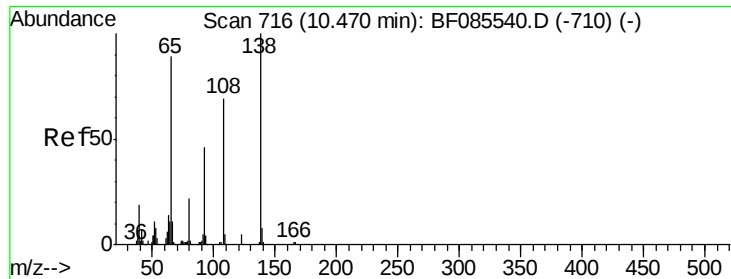
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 41.34 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	317451		
206	33.0	26.6	39.8	
141	62.5	57.4	86.0	





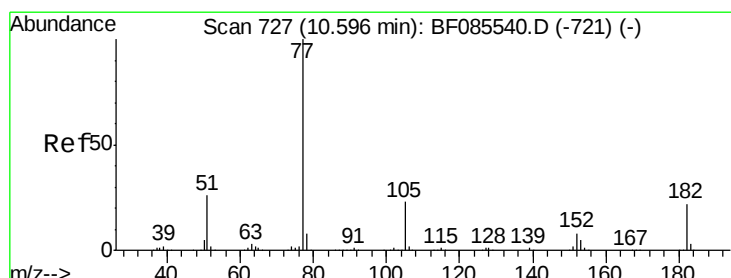
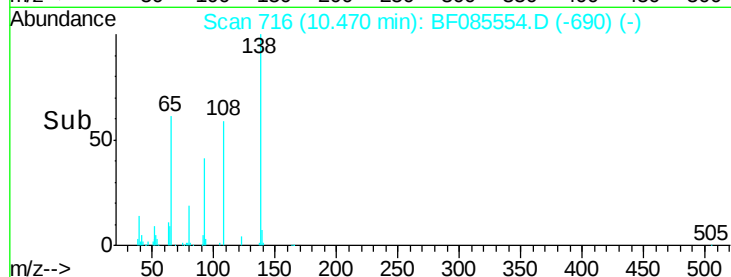
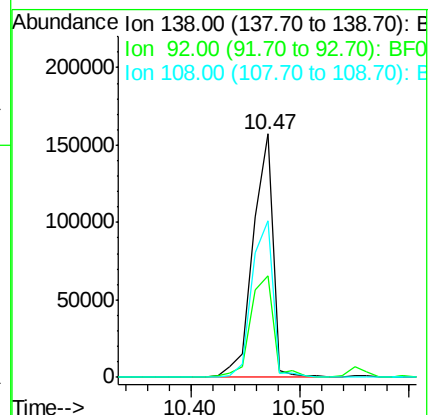
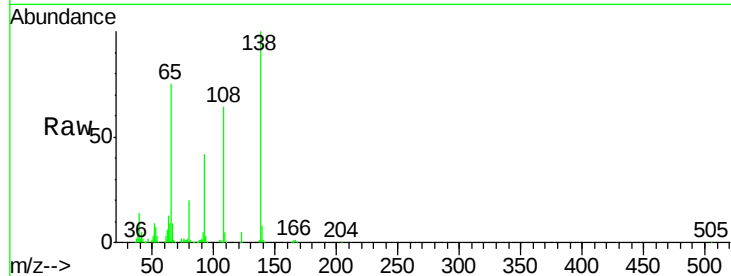
#61
4-Nitroaniline
Concen: 42.08 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.7	26.4	66.4
108	64.5	49.0	89.0

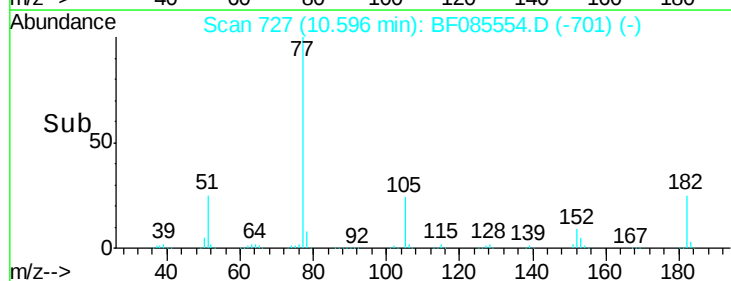
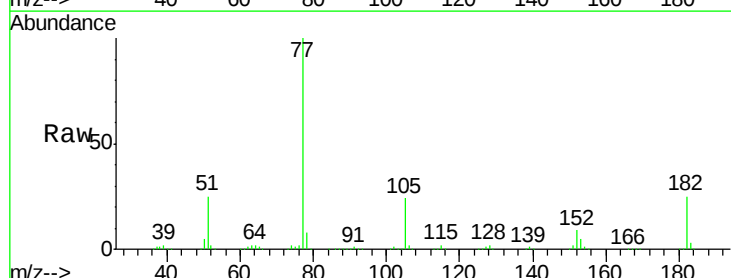
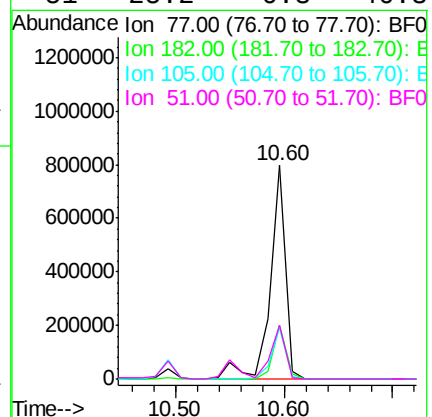
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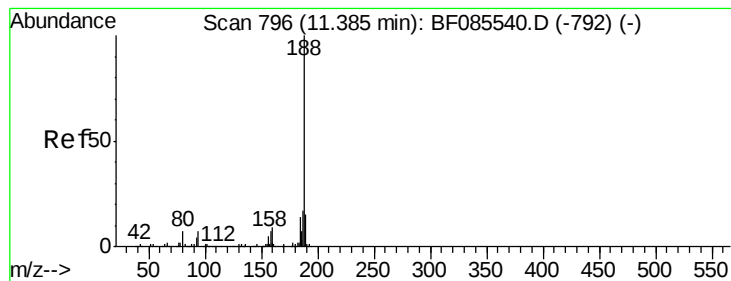
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#62
Azobenzene
Concen: 45.59 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.9	41.9
105	24.1	3.5	43.5
51	25.2	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: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

Tgt Ion:188 Resp: 436226

Ion Ratio Lower Upper

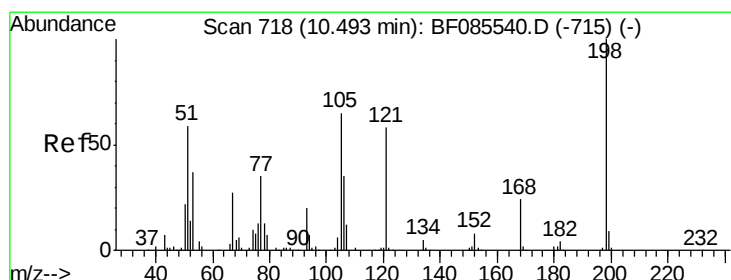
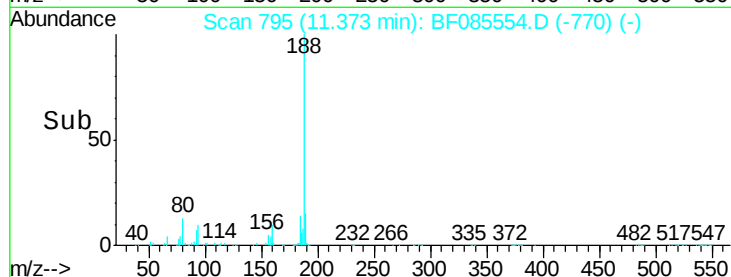
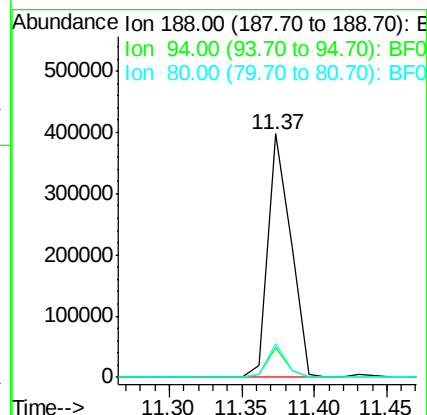
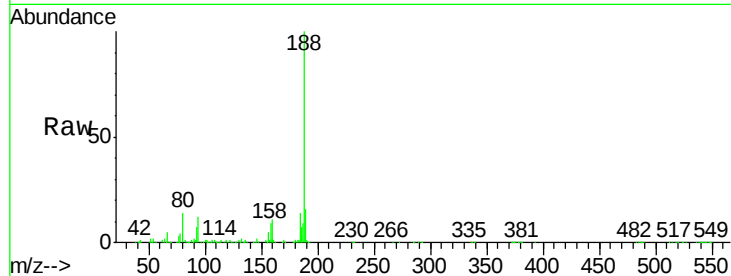
188 100

94 12.3 5.4 8.0#

80 13.6 5.5 8.3#

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.97 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

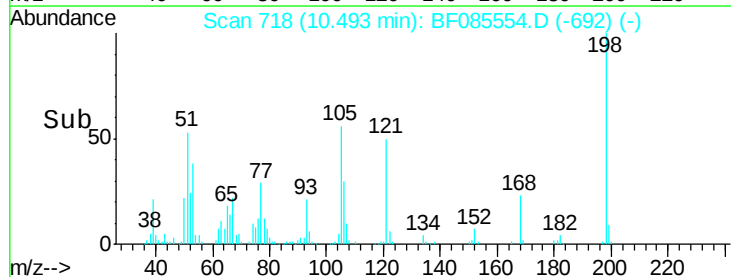
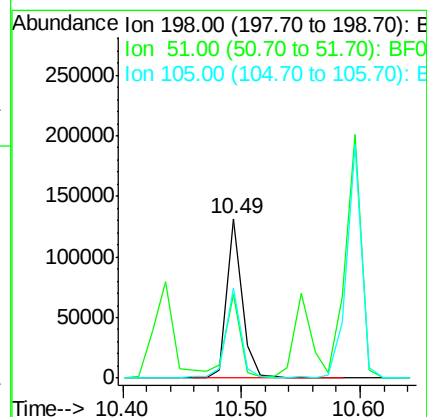
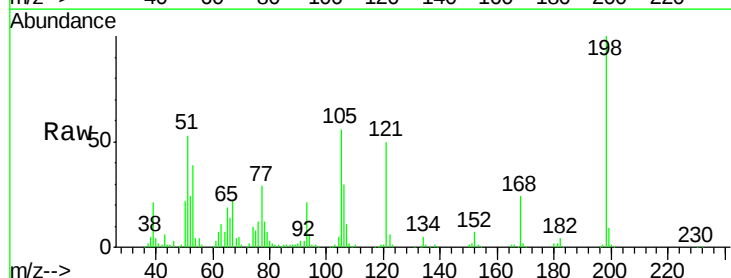
Tgt Ion:198 Resp: 117150

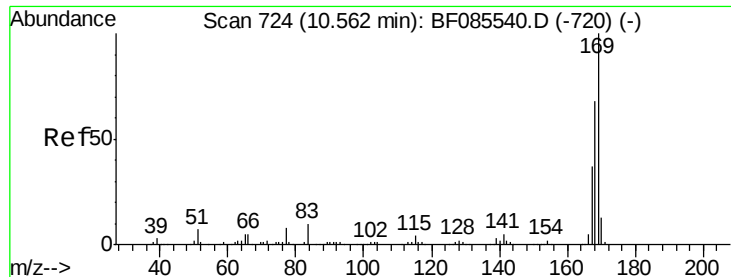
Ion Ratio Lower Upper

198 100

51 52.8 45.4 85.4

105 56.4 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 42.94 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

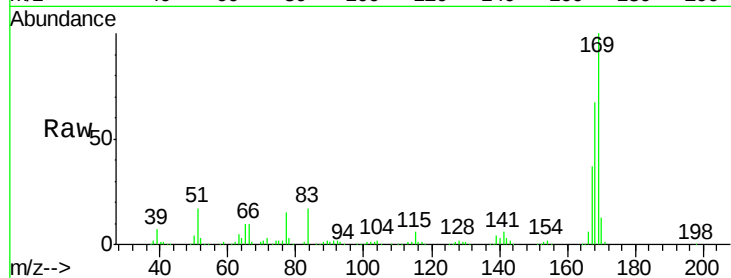
ClientSampleId :

PB89025BS

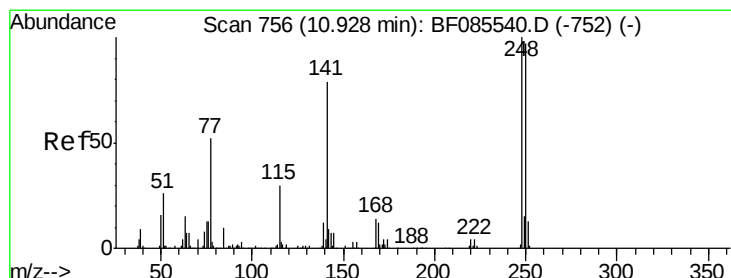
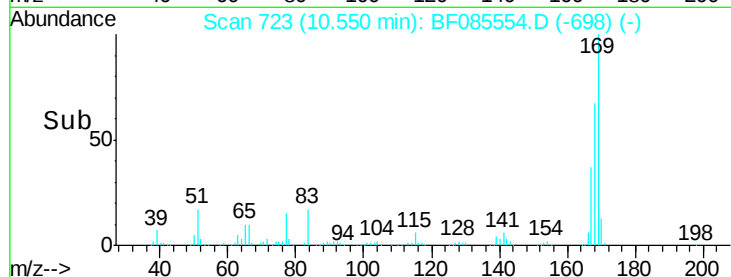
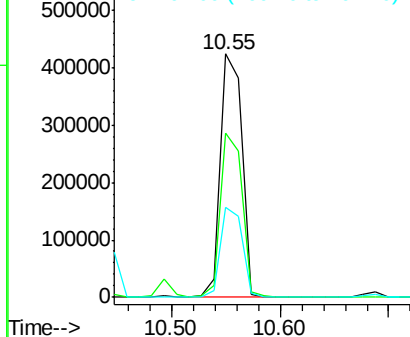
Tgt Ion:	169	Resp:	583464
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.4	81.6
167	36.9	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 44.77 ng

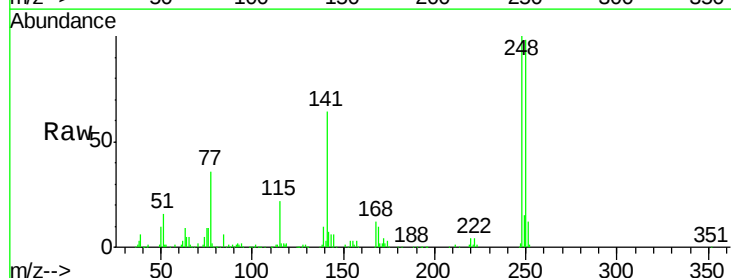
RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

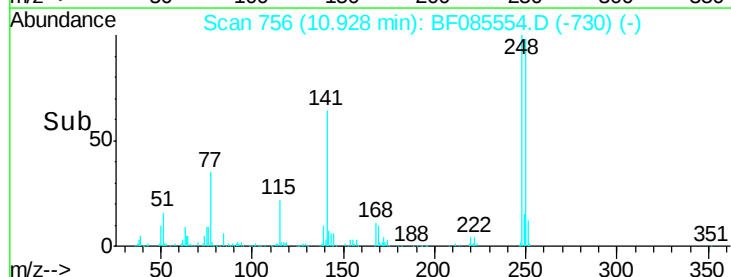
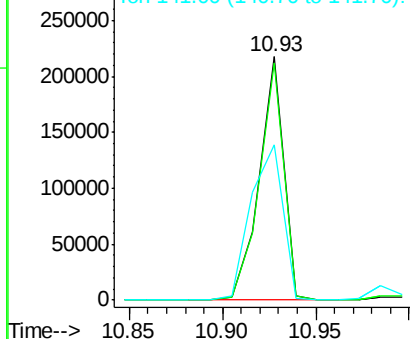
Lab File: BF085554.D

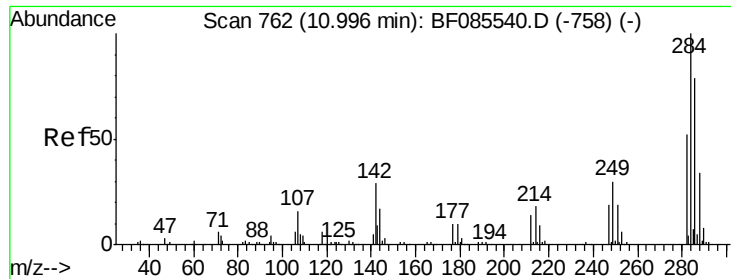
Acq: 19 Mar 2016 5:12

Tgt Ion:	248	Resp:	195106
Ion Ratio	Lower	Upper	
248	100		
250	97.7	77.4	116.0
141	63.6	63.6	95.4#



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





#67

Hexachlorobenzene

Concen: 43.81 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

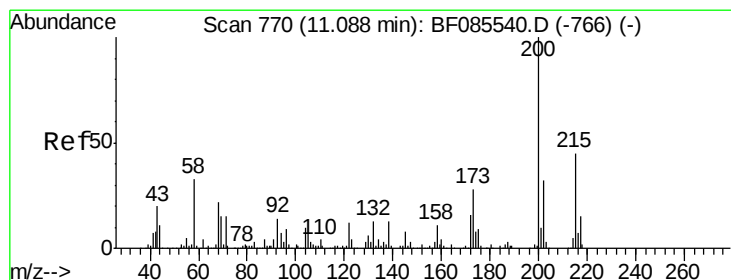
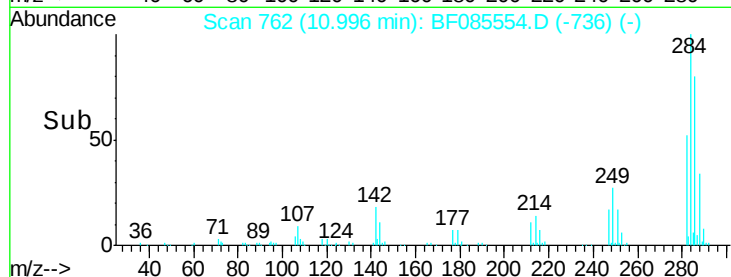
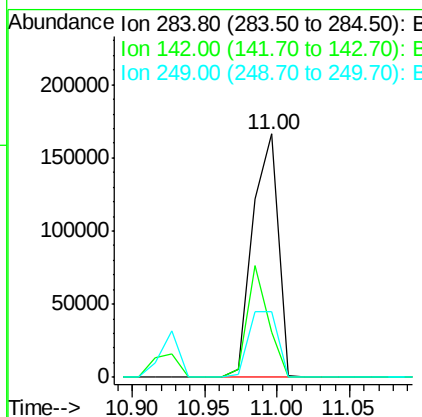
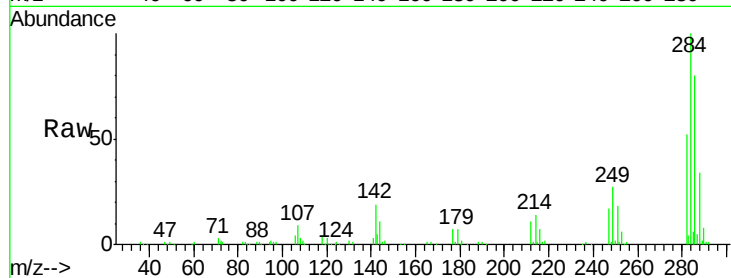
ClientSampleId :

PB89025BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	202822		
142	18.7	23.1	34.7#	
249	26.9	24.2	36.2	

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#68

Atrazine

Concen: 47.84 ng

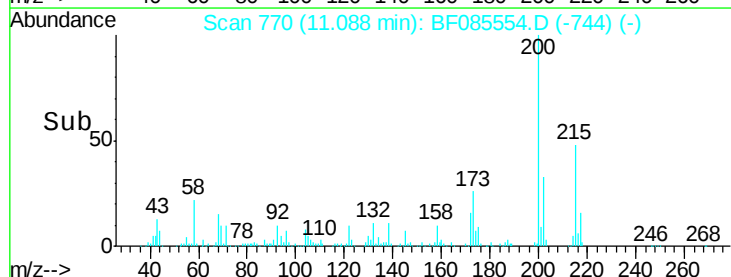
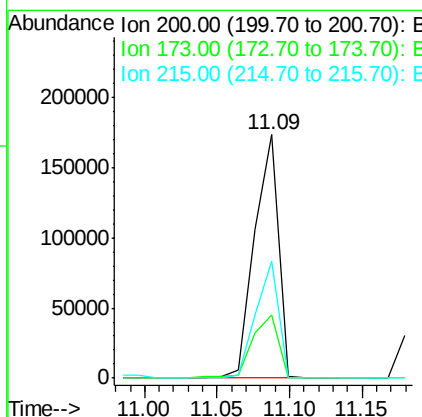
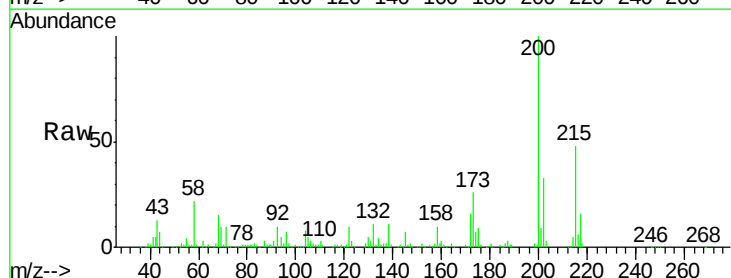
RT: 11.09 min Scan# 770

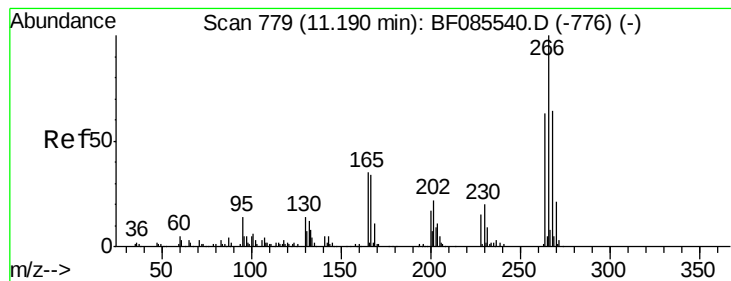
Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	197912		
173	26.1	7.7	47.7	
215	48.3	25.4	65.4	





#69

Pentachlorophenol

Concen: 86.73 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

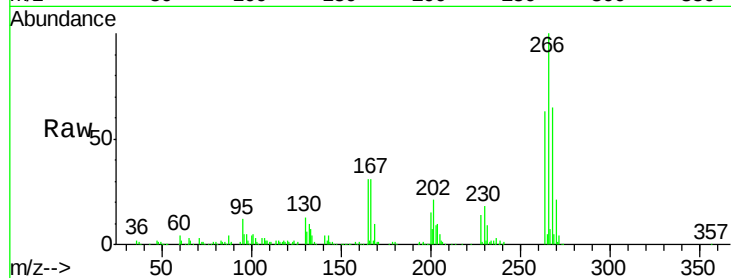
ClientSampleId :

PB89025BS

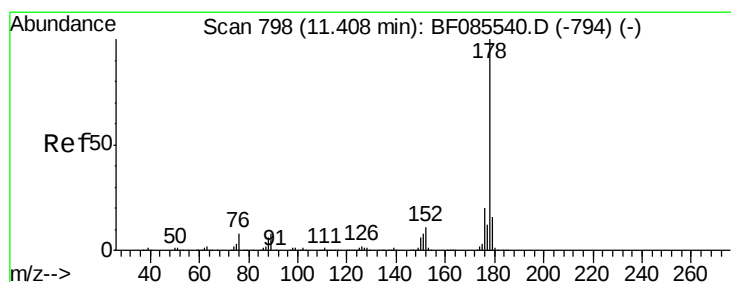
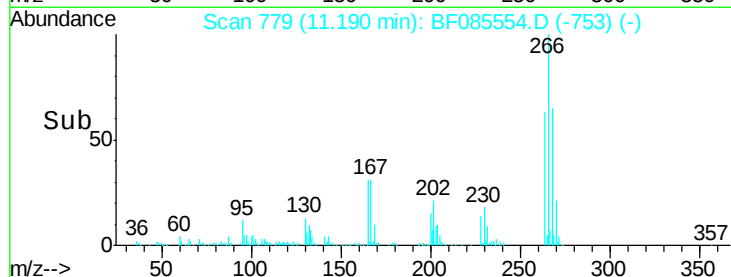
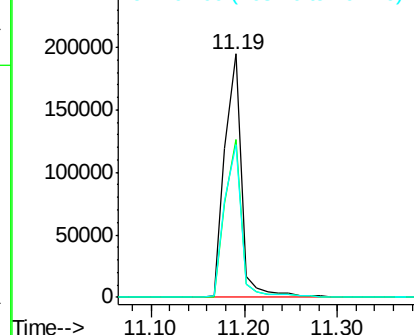
Tgt Ion:	266	Resp:	243779
Ion Ratio	Lower	Upper	
266	100		
268	65.0	51.5	77.3
264	62.9	50.6	76.0

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



#70

Phenanthrene

Concen: 45.85 ng

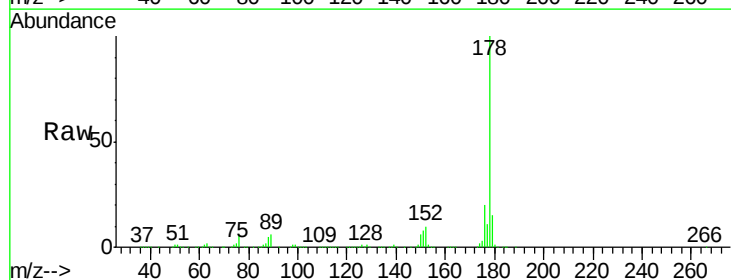
RT: 11.41 min Scan# 798

Delta R.T. 0.00 min

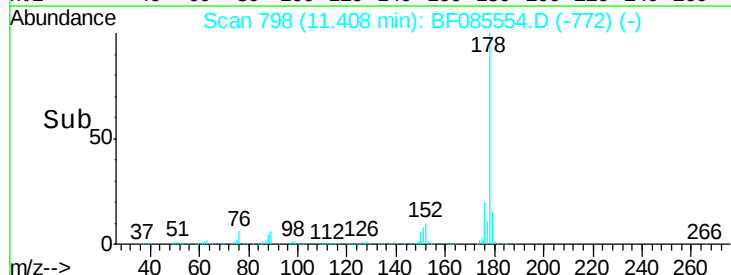
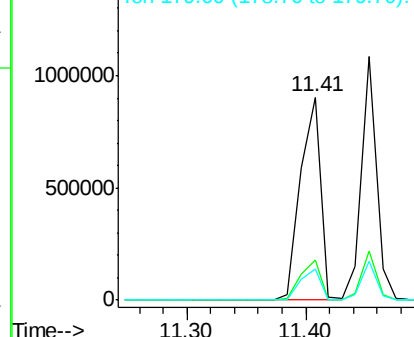
Lab File: BF085554.D

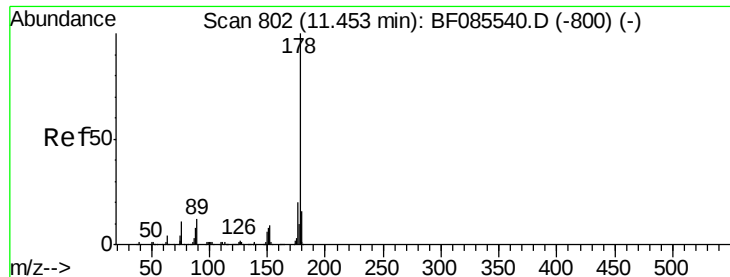
Acq: 19 Mar 2016 5:12

Tgt Ion:	178	Resp:	1054616
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.3	24.5
179	15.3	12.6	18.8



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





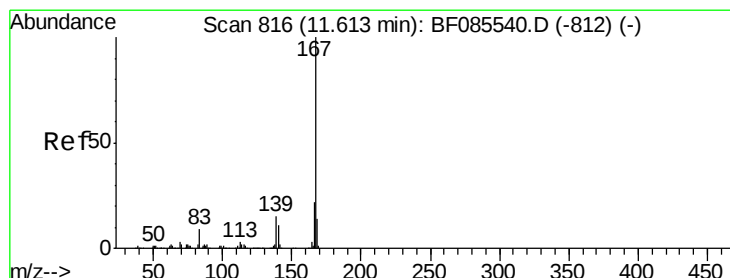
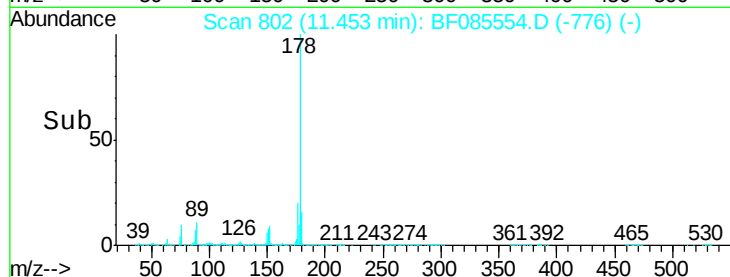
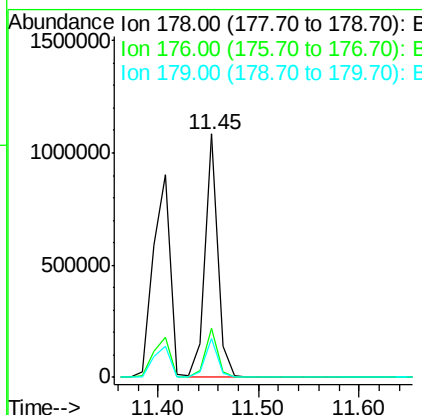
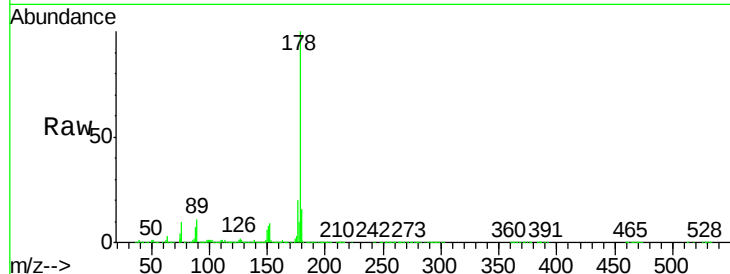
#71
 Anthracene
 Concen: 39.51 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.2	13.0	19.4

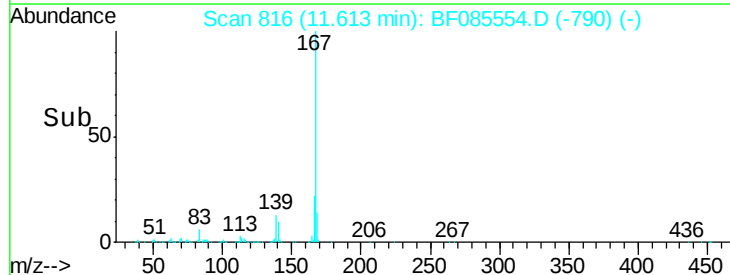
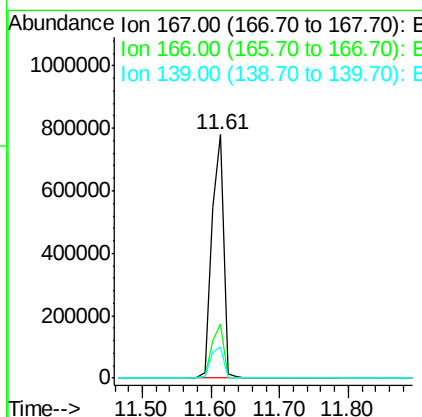
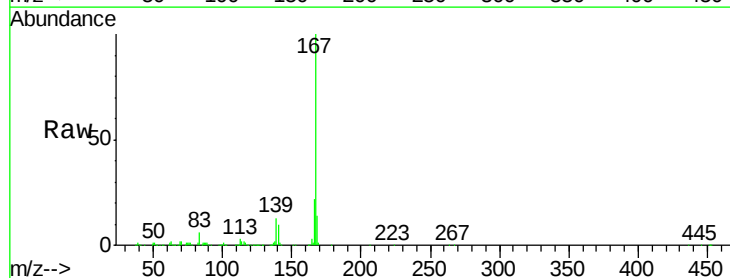
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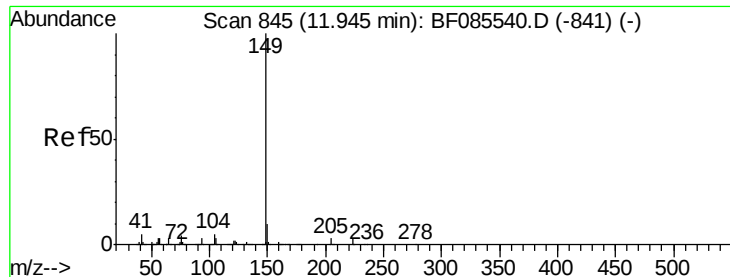
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#72
 Carbazole
 Concen: 45.41 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	12.8	11.6	17.4





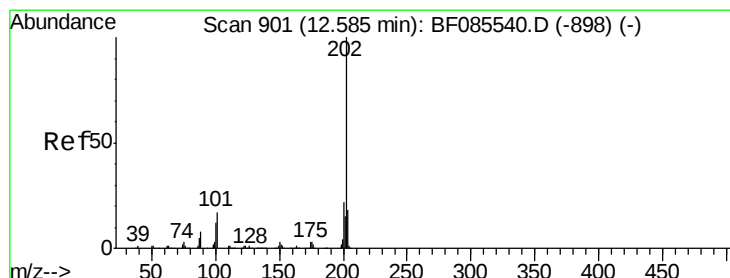
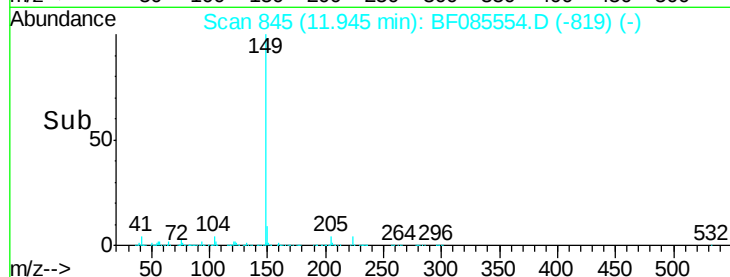
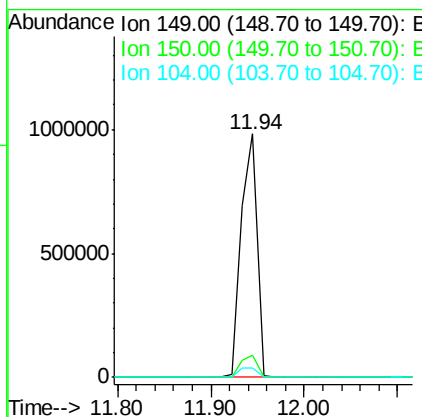
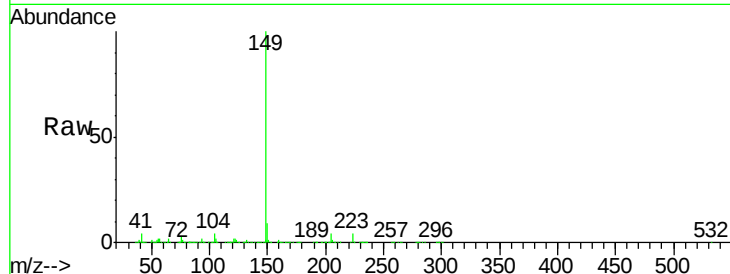
#73
Di-n-butylphthalate
Concen: 44.74 ng
RT: 11.94 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.1	3.8	5.8

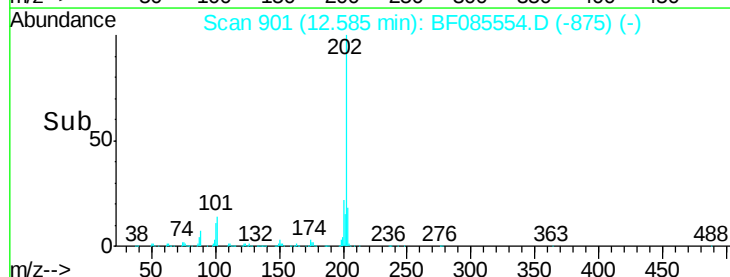
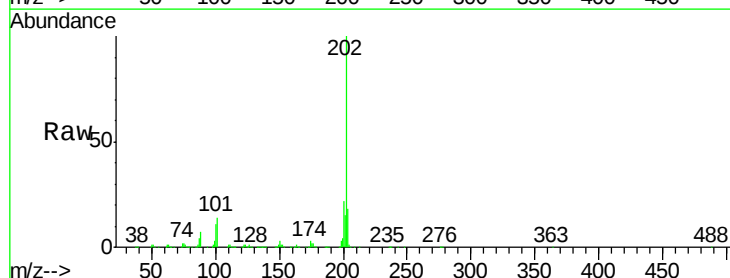
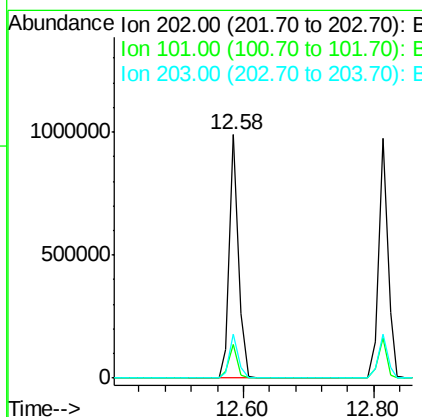
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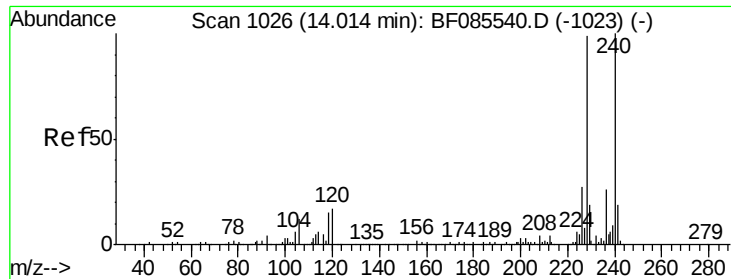
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#74
Fluoranthene
Concen: 39.68 ng
RT: 12.58 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.6
203	18.3	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: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

Tgt Ion:240 Resp: 385238

Ion Ratio Lower Upper

240 100

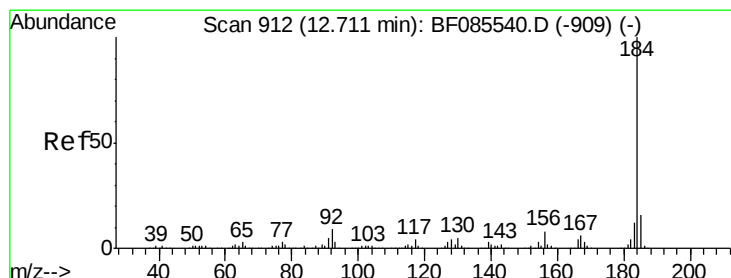
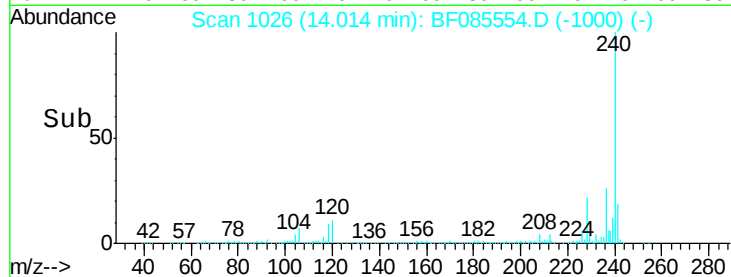
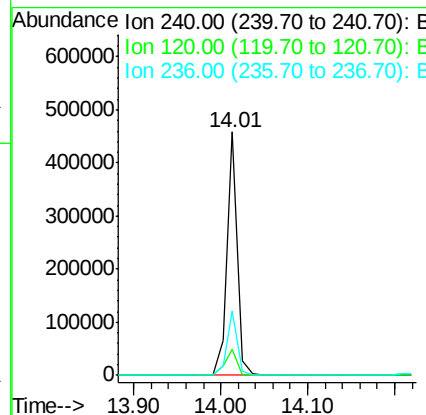
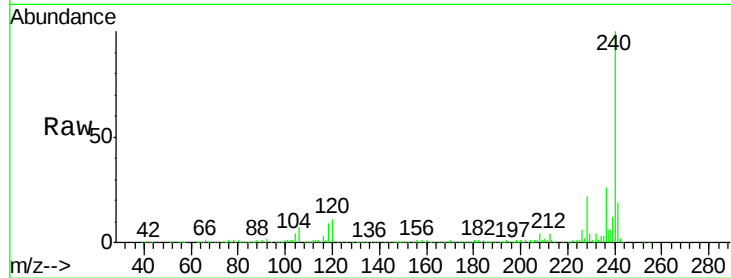
120 10.6 13.8 20.8#

236 26.3 20.6 30.8

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#76

Benzidine

Concen: 32.44 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

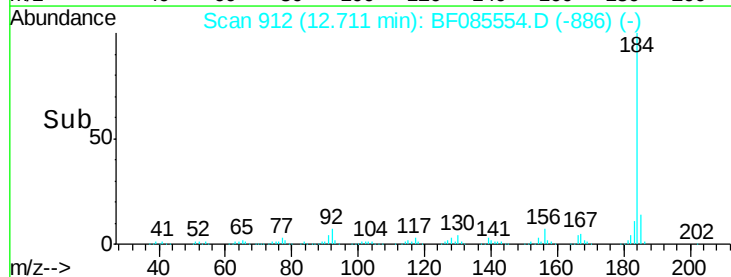
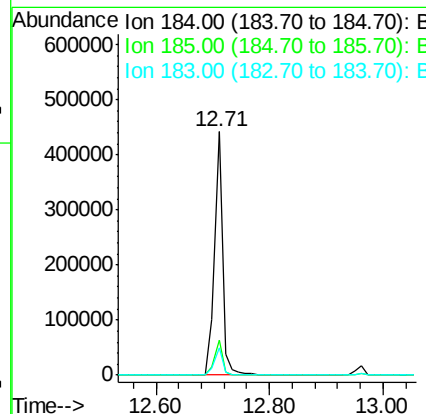
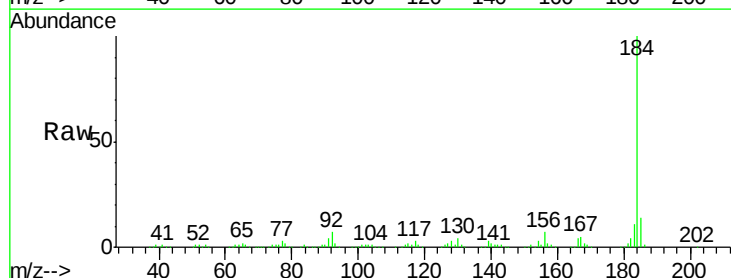
Tgt Ion:184 Resp: 420235

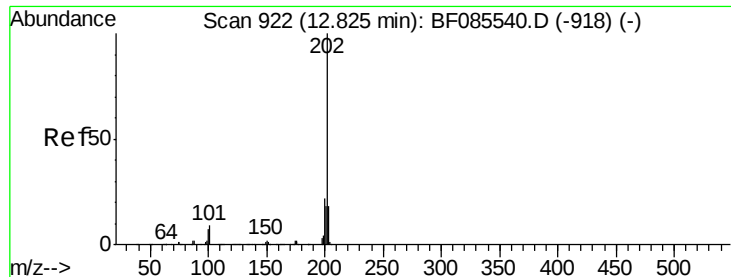
Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

183 11.5 9.4 14.2





#77

Pyrene

Concen: 34.83 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

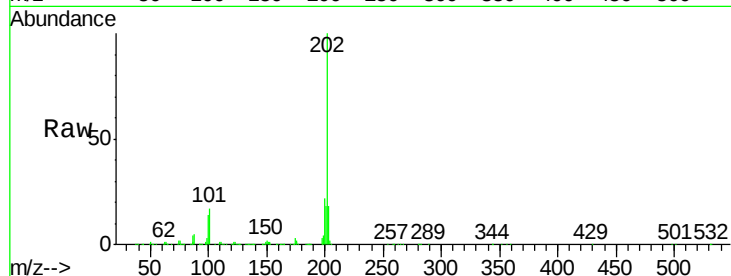
ClientSampleId :

PB89025BS

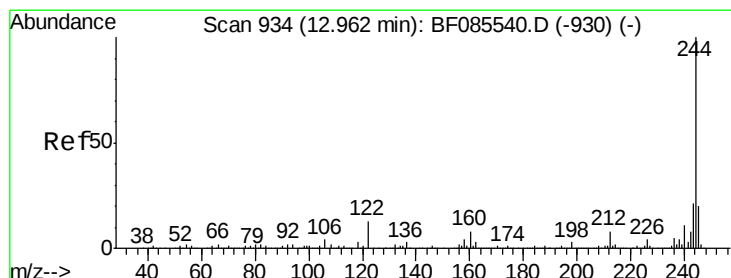
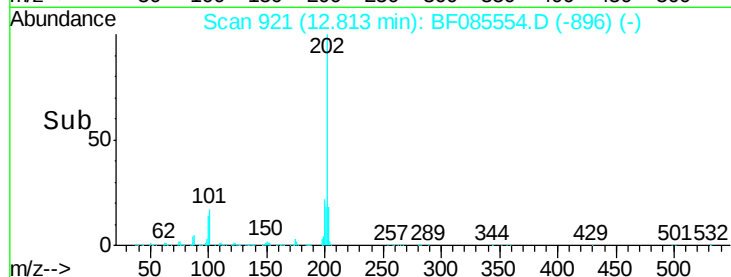
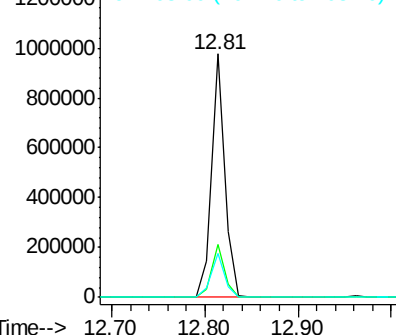
Tgt Ion:	202	Resp:	963353
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	18.2	14.0	21.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.49 ng

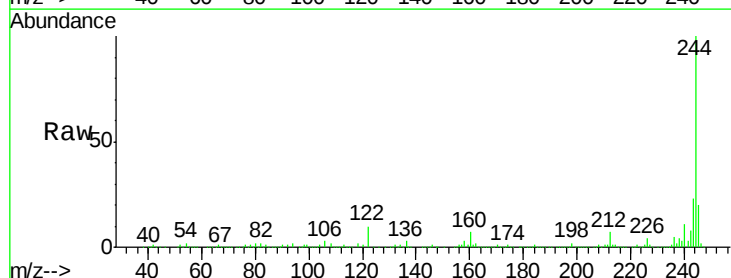
RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

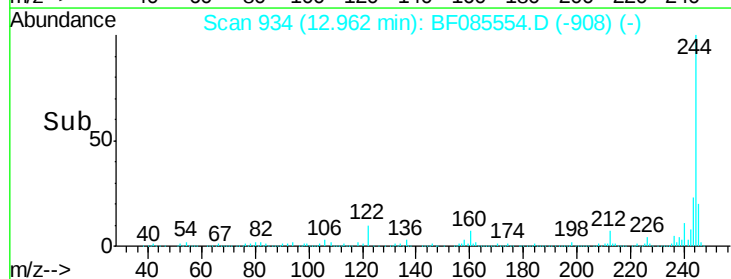
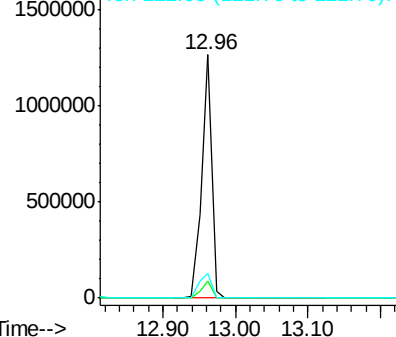
Lab File: BF085554.D

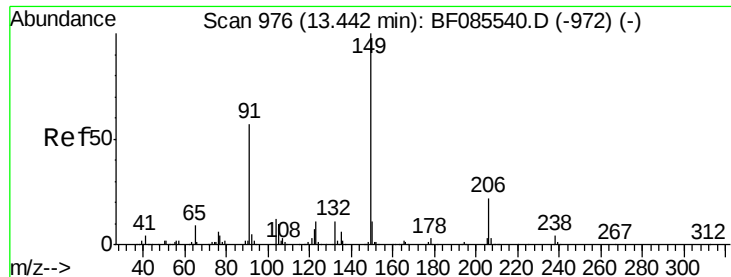
Acq: 19 Mar 2016 5:12

Tgt Ion:	244	Resp:	1208464
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.1	9.1
122	10.4	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.45 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085554.D

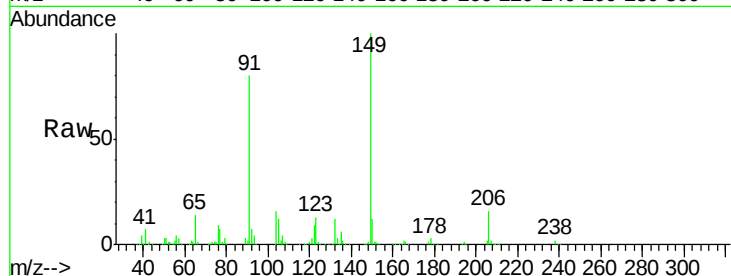
Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS



Tgt Ion:149 Resp: 467457

Ion Ratio Lower Upper

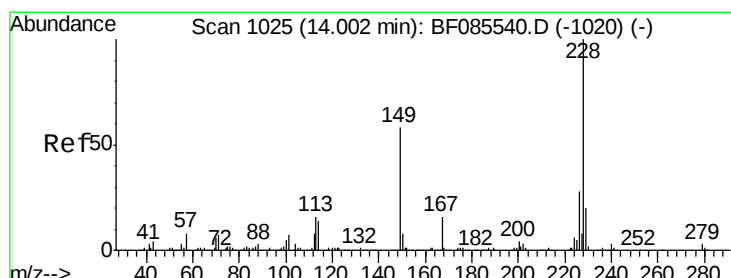
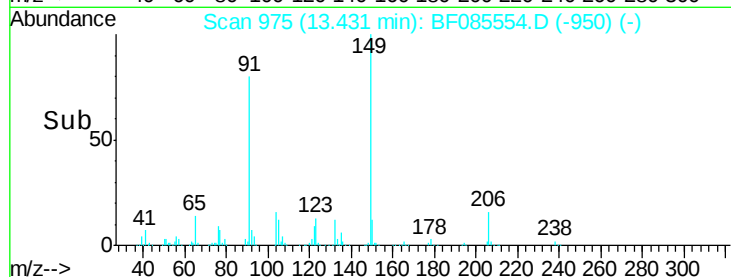
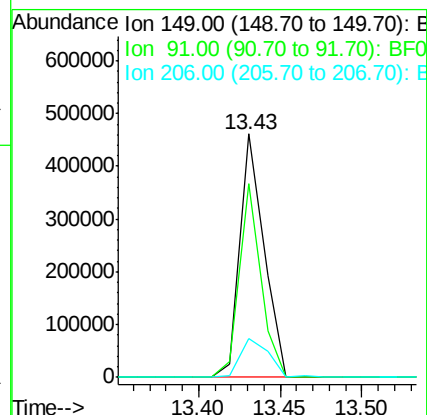
149 100

91 79.6 45.8 68.8#

206 15.9 17.8 26.8#

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#80

Benzo(a)anthracene

Concen: 39.26 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

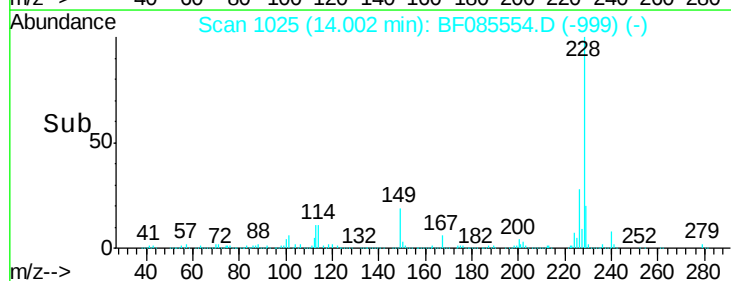
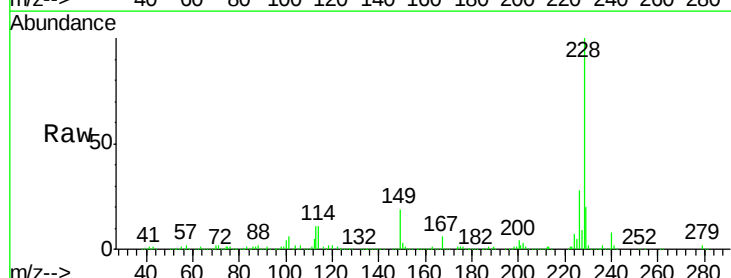
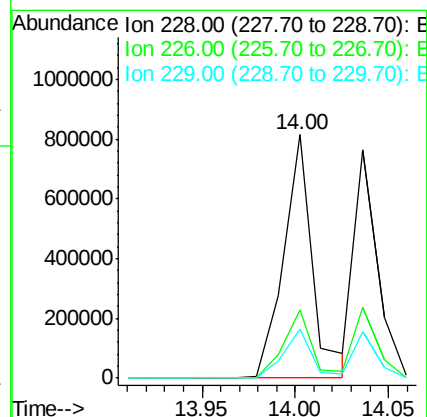
Tgt Ion:228 Resp: 878103

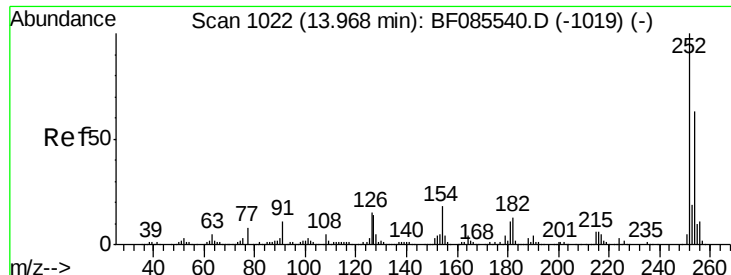
Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 19.9 16.2 24.4





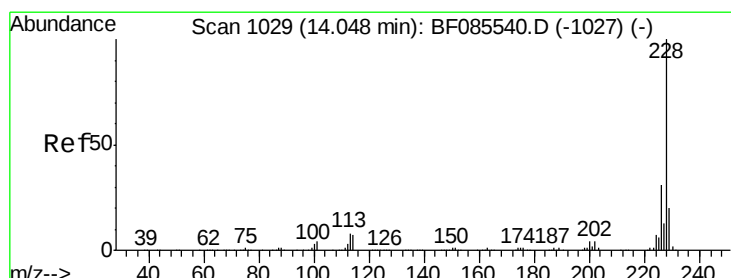
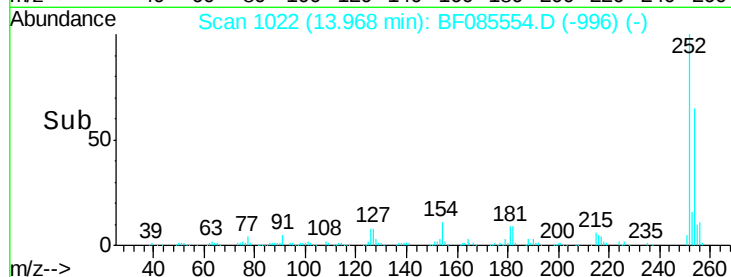
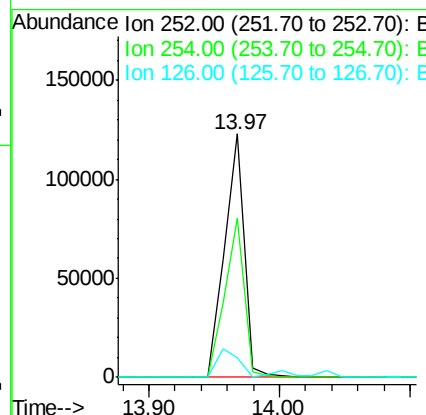
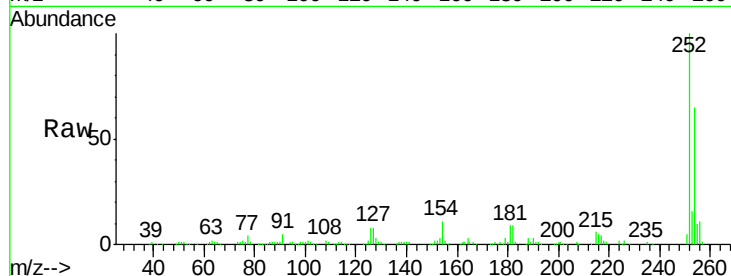
#81
 3,3'-Dichlorobenzidine
 Concen: 15.90 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	50.7	76.1
126	8.2	11.8	17.6

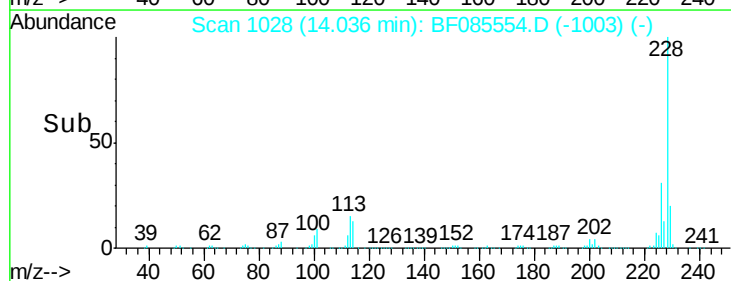
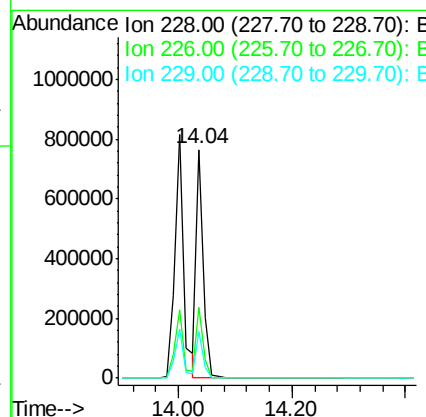
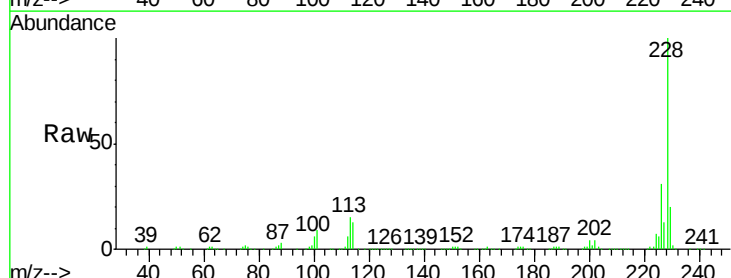
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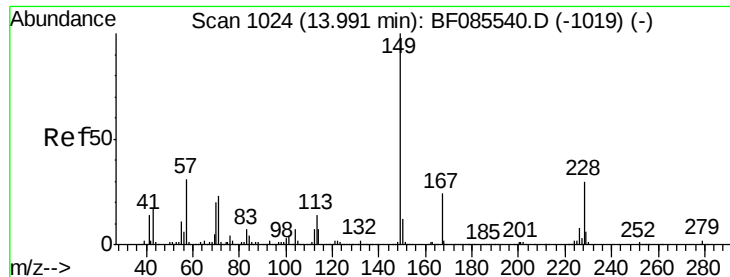
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#82
 Chrysene
 Concen: 31.87 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.0	37.6
229	20.1	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.56 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085554.D

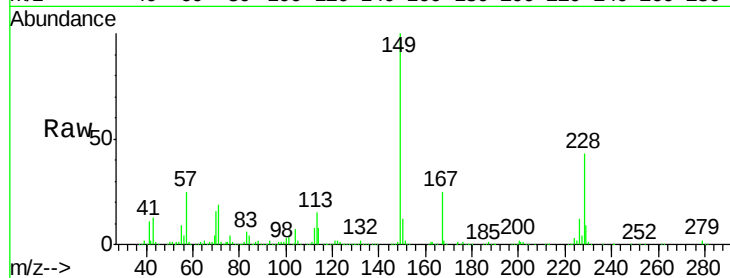
Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS



Tgt Ion:149 Resp: 582533

Ion Ratio Lower Upper

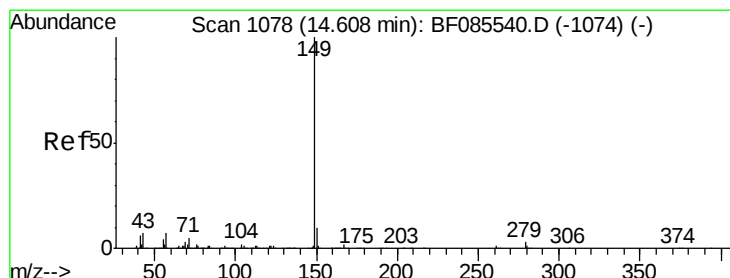
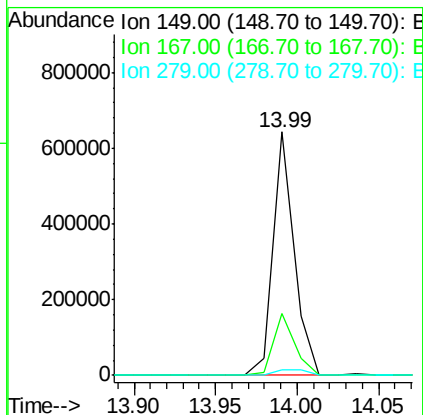
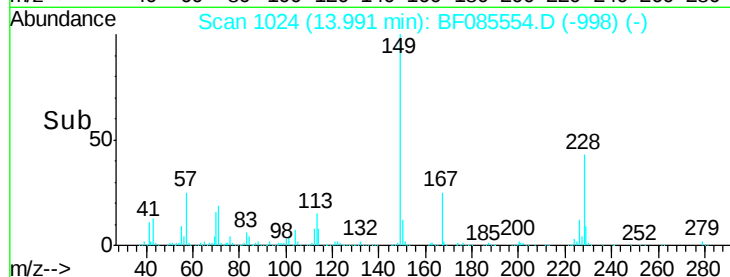
149 100

167 25.3 19.4 29.2

279 2.5 1.5 2.3

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#84

Di-n-octyl phthalate

Concen: 38.95 ng

RT: 14.61 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

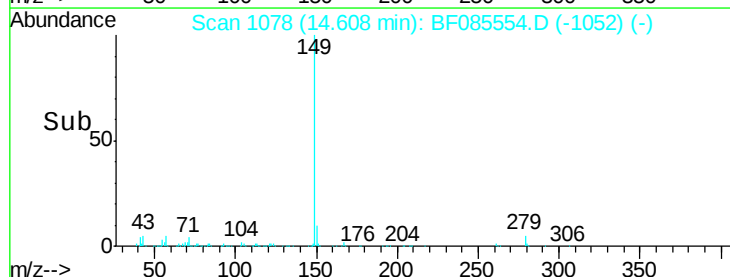
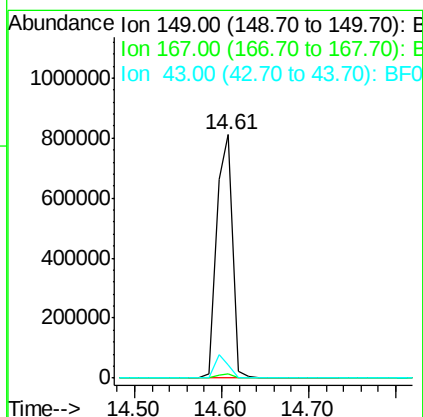
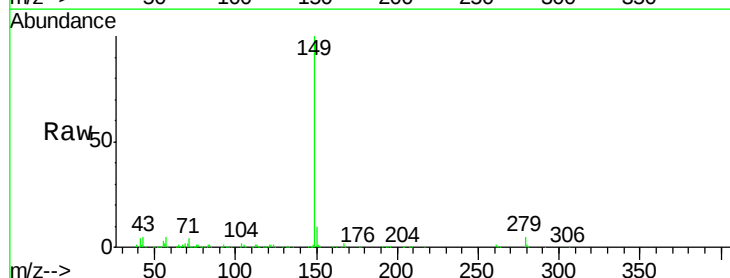
Tgt Ion:149 Resp: 1039606

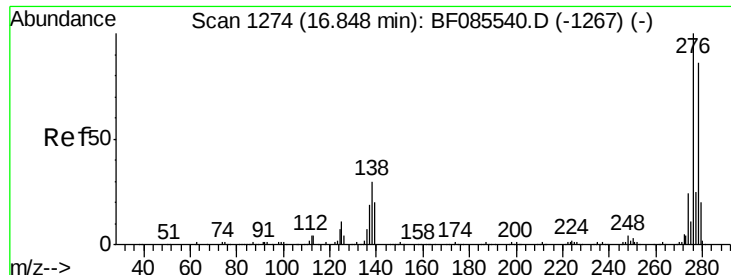
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.2 7.1 10.7





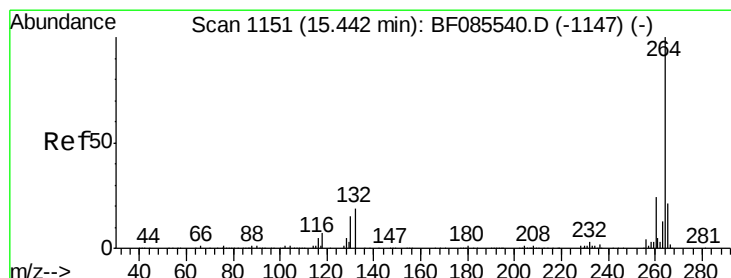
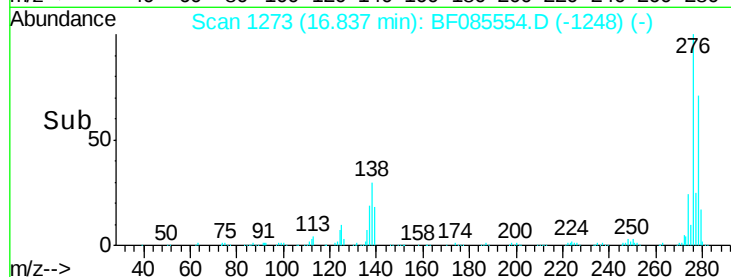
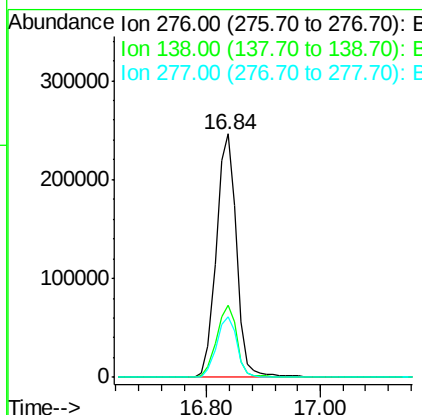
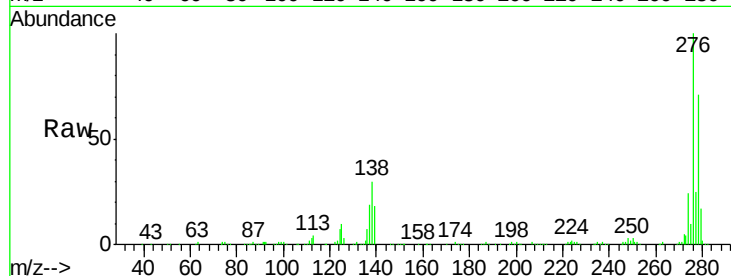
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.82 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.9	24.2	36.4
277	25.3	20.0	30.0

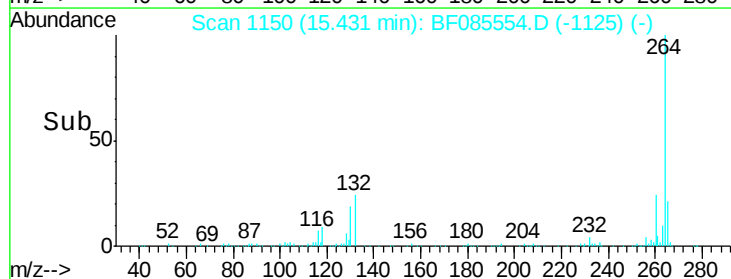
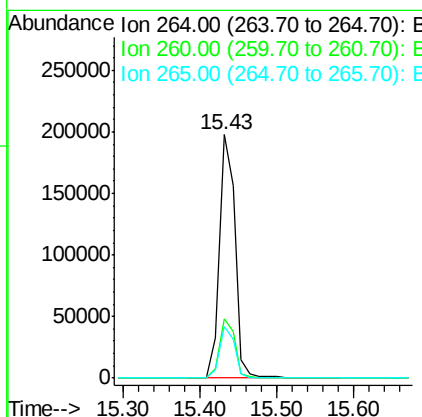
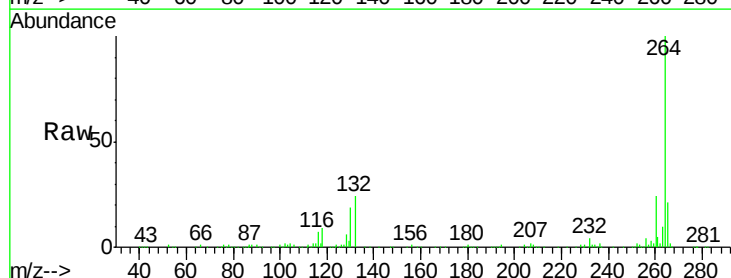
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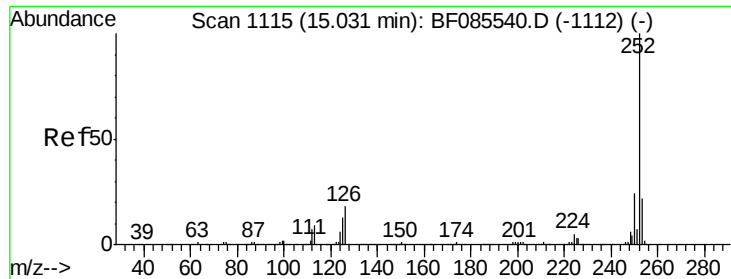
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.4	29.2
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.19 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

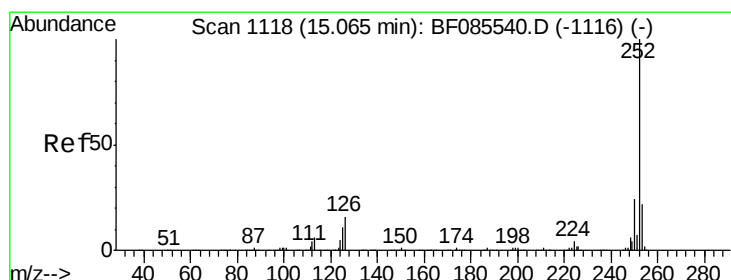
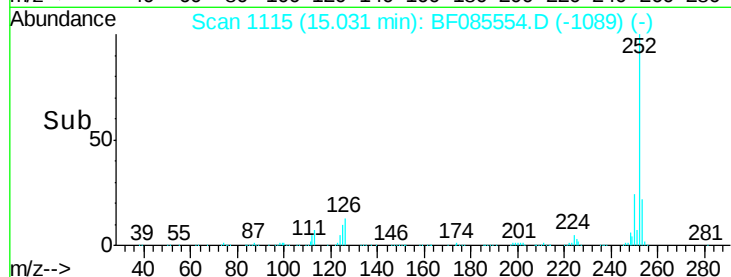
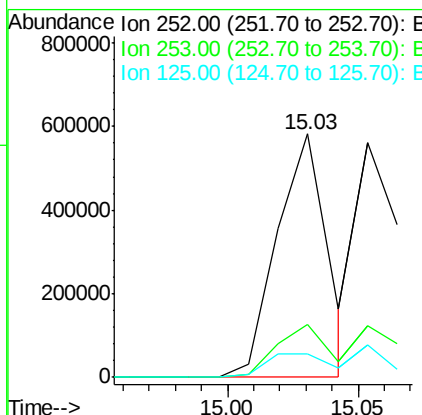
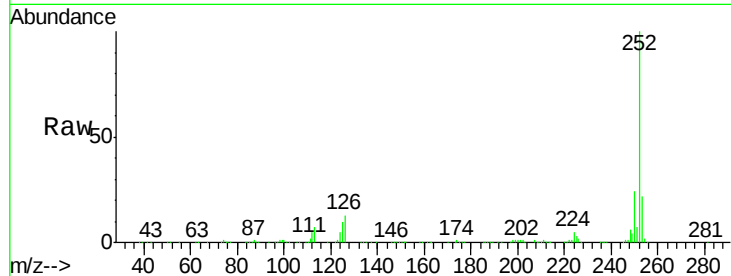
ClientSampleId :

PB89025BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.8	10.3	15.5#

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#88

Benzo(k)fluoranthene

Concen: 43.41 ng m

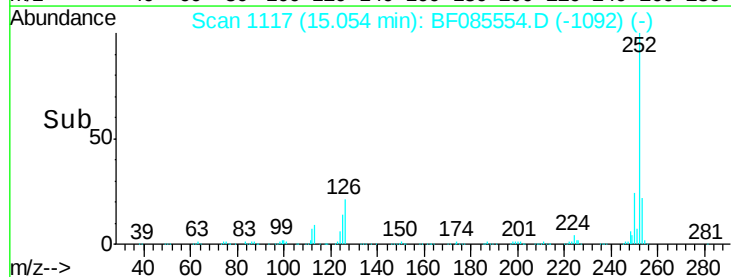
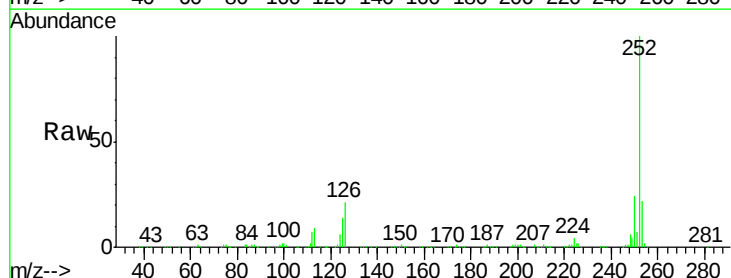
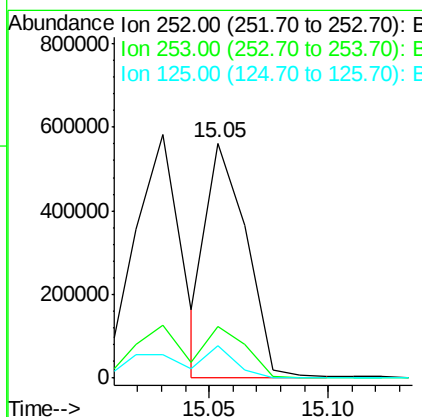
RT: 15.05 min Scan# 1117

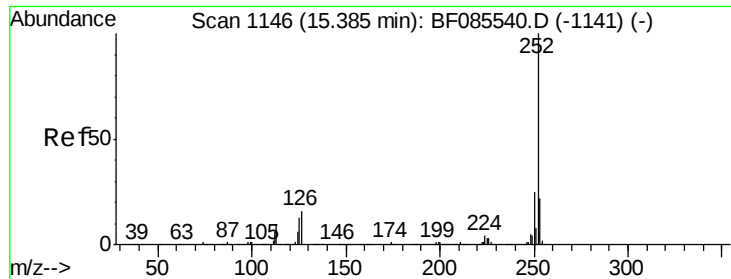
Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.9	7.7	11.5#





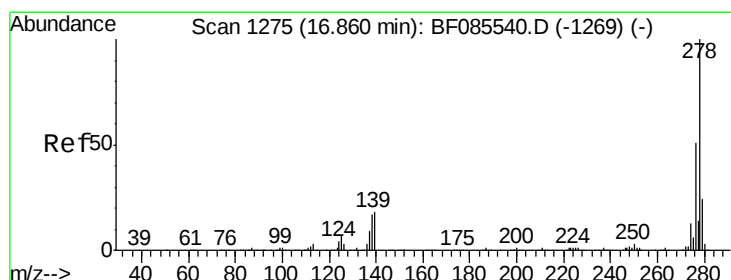
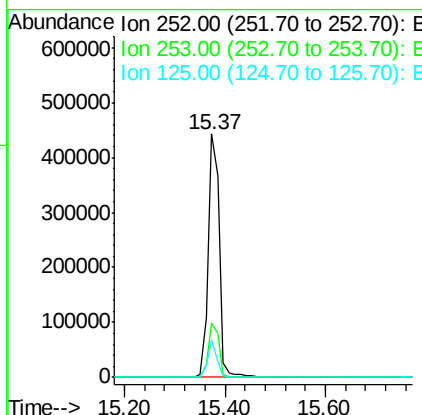
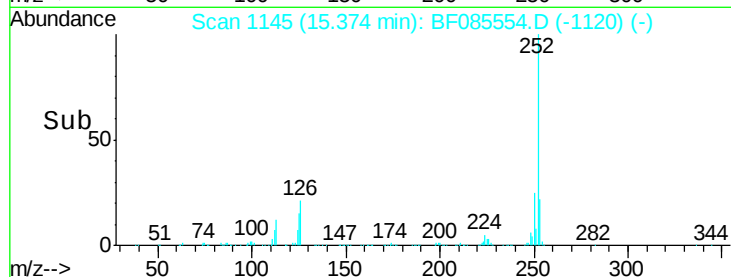
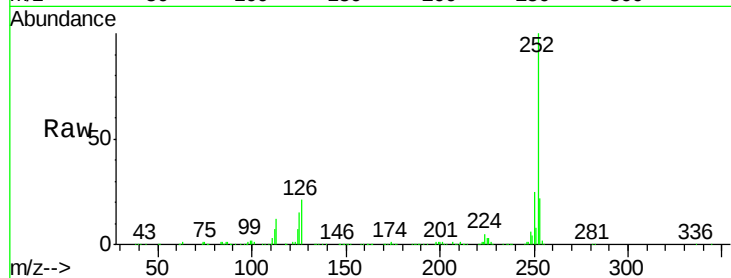
#89
Benzo(a)pyrene
Concen: 42.89 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	15.3	10.3	15.5

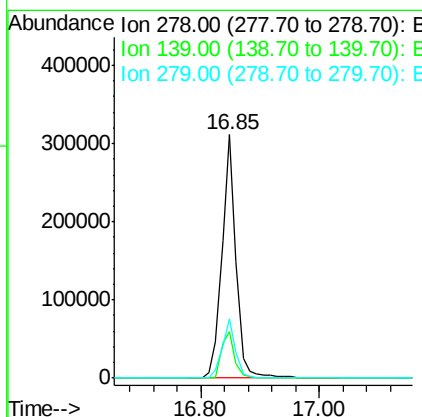
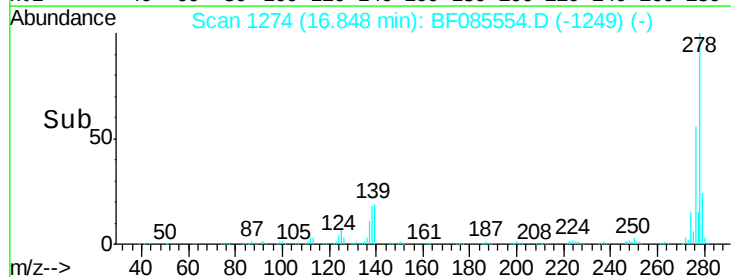
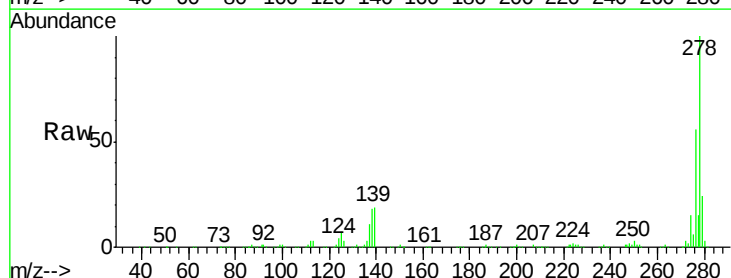
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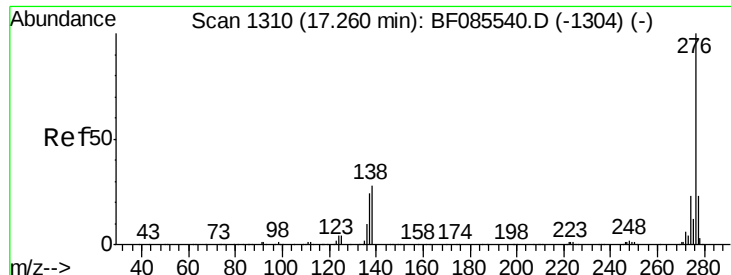
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#90
Dibenzo(a,h)anthracene
Concen: 39.40 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.4	21.6
279	24.4	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 39.15 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.5	22.6	34.0

Manual Integrations
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