

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085544.D
 Acq On : 19 Mar 2016 00:34
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Manual Integrations
 APPROVED

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 3/21/2016 5:07:45 PM

Quant Time: Mar 19 03:35:54 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	141774	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	546631	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261968	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	480287	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	374261	20.00	ng	0.00
86) Perylene-d12	15.44	264	291321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	691710	81.95	ng	0.00
7) Phenol-d6	6.49	99	886602	81.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	778203	82.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	216298	84.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1350133	88.95	ng	0.00
78) Terphenyl-d14	12.96	244	1141135	73.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	160979	39.23	ng	100
3) Pyridine	3.18	79	436704	43.34	ng	99
4) n-Nitrosodimethylamine	3.13	42	170616	40.56	ng	94
6) Aniline	6.52	93	576121	39.62	ng	97
8) 2-Chlorophenol	6.64	128	397749	40.73	ng	98
9) Benzaldehyde	6.40	77	205174	40.44	ng	97
10) Phenol	6.50	94	520571	42.22	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	391972	42.17	ng	97
12) 1,3-Dichlorobenzene	6.79	146	420015m	39.47	ng	
13) 1,4-Dichlorobenzene	6.87	146	409906	37.77	ng	99
14) 1,2-Dichlorobenzene	7.03	146	400206	41.53	ng	98
15) Benzyl Alcohol	7.00	79	280804	37.87	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	500797	40.97	ng	99
17) 2-Methylphenol	7.11	107	311197	38.45	ng	99
18) Hexachloroethane	7.37	117	159144	40.61	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	251366	38.87	ng	96
20) 3+4-Methylphenols	7.27	107	372172	39.70	ng	98
22) Acetophenone	7.27	105	490018	37.78	ng	98
24) Nitrobenzene	7.44	77	414532	40.21	ng	97
25) Isophorone	7.68	82	741519	39.33	ng	99
26) 2-Nitrophenol	7.76	139	234420	46.01	ng	94
27) 2,4-Dimethylphenol	7.80	122	343858	38.17	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	443999	41.40	ng	99
29) 2,4-Dichlorophenol	8.00	162	313349	42.12	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	320419	38.45	ng	98
31) Naphthalene	8.16	128	1030242	37.34	ng	100
32) Benzoic acid	7.93	122	299262	39.73	ng	100
33) 4-Chloroaniline	8.22	127	467502	41.34	ng	98
34) Hexachlorobutadiene	8.29	225	184049	41.44	ng	99
35) Caprolactam	8.60	113	109657	42.84	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	359954	41.43	ng	97
37) 2-Methylnaphthalene	8.86	142	718765	42.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	291079	36.63	ng	100
40) Hexachlorocyclopentadiene	9.01	237	150491	42.02	ng	100

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Quant Time: Mar 19 03:35:54 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	214007	39.34	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	214679	38.78	ng	97
45) 1,1'-Biphenyl	9.32	154	841652	37.24	ng	99
46) 2-Chloronaphthalene	9.35	162	654992	39.68	ng	98
47) 2-Nitroaniline	9.44	65	213637	42.78	ng	94
48) Acenaphthylene	9.76	152	1123144	42.04	ng	99
49) Dimethylphthalate	9.62	163	760539	38.47	ng	100
50) 2,6-Dinitrotoluene	9.68	165	153565	36.80	ng	99
51) Acenaphthene	9.93	154	685860	40.91	ng	99
52) 3-Nitroaniline	9.85	138	209702	40.12	ng	98
53) 2,4-Dinitrophenol	9.96	184	96848	37.88	ng	95
54) Dibenzofuran	10.10	168	863379	42.29	ng	99
55) 4-Nitrophenol	10.01	139	169596	41.98	ng	98
56) 2,4-Dinitrotoluene	10.08	165	214460	39.25	ng	# 48
57) Fluorene	10.45	166	712934	41.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	156859	39.35	ng	98
59) Diethylphthalate	10.32	149	787303	40.06	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	315557	37.98	ng	97
61) 4-Nitroaniline	10.47	138	216877	42.09	ng	96
62) Azobenzene	10.60	77	748154	39.67	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	120379	39.17	ng	93
65) n-Nitrosodiphenylamine	10.56	169	604106	40.38	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	205194	42.77	ng	96
67) Hexachlorobenzene	11.00	284	217610	42.69	ng	97
68) Atrazine	11.09	200	196866	43.22	ng	98
69) Pentachlorophenol	11.19	266	124545	40.24	ng	99
70) Phenanthrene	11.41	178	1061217	41.90	ng	100
71) Anthracene	11.45	178	955619	35.99	ng	99
72) Carbazole	11.61	167	974446	42.54	ng	99
73) Di-n-butylphthalate	11.94	149	1218126	42.46	ng	99
74) Fluoranthene	12.58	202	1013168	38.21	ng	99
76) Benzidine	12.71	184	486005	38.62	ng	99
77) Pyrene	12.81	202	1008988	37.55	ng	99
79) Butylbenzylphthalate	13.43	149	483194	37.72	ng	# 66
80) Benzo(a)anthracene	14.00	228	831428	38.27	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	299641	37.63	ng	98
82) Chrysene	14.05	228	812293	38.86	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	593859	37.32	ng	99
84) Di-n-octyl phthalate	14.61	149	1041279	40.15	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	624840	35.77	ng	100
87) Benzo(b)fluoranthene	15.03	252	686595	36.12	ng	99
88) Benzo(k)fluoranthene	15.07	252	722885m	46.16	ng	
89) Benzo(a)pyrene	15.39	252	650436	40.36	ng	# 97
90) Dibenzo(a,h)anthracene	16.86	278	522887	38.90	ng	98
91) Benzo(g,h,i)perylene	17.26	276	498432	38.31	ng	99

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

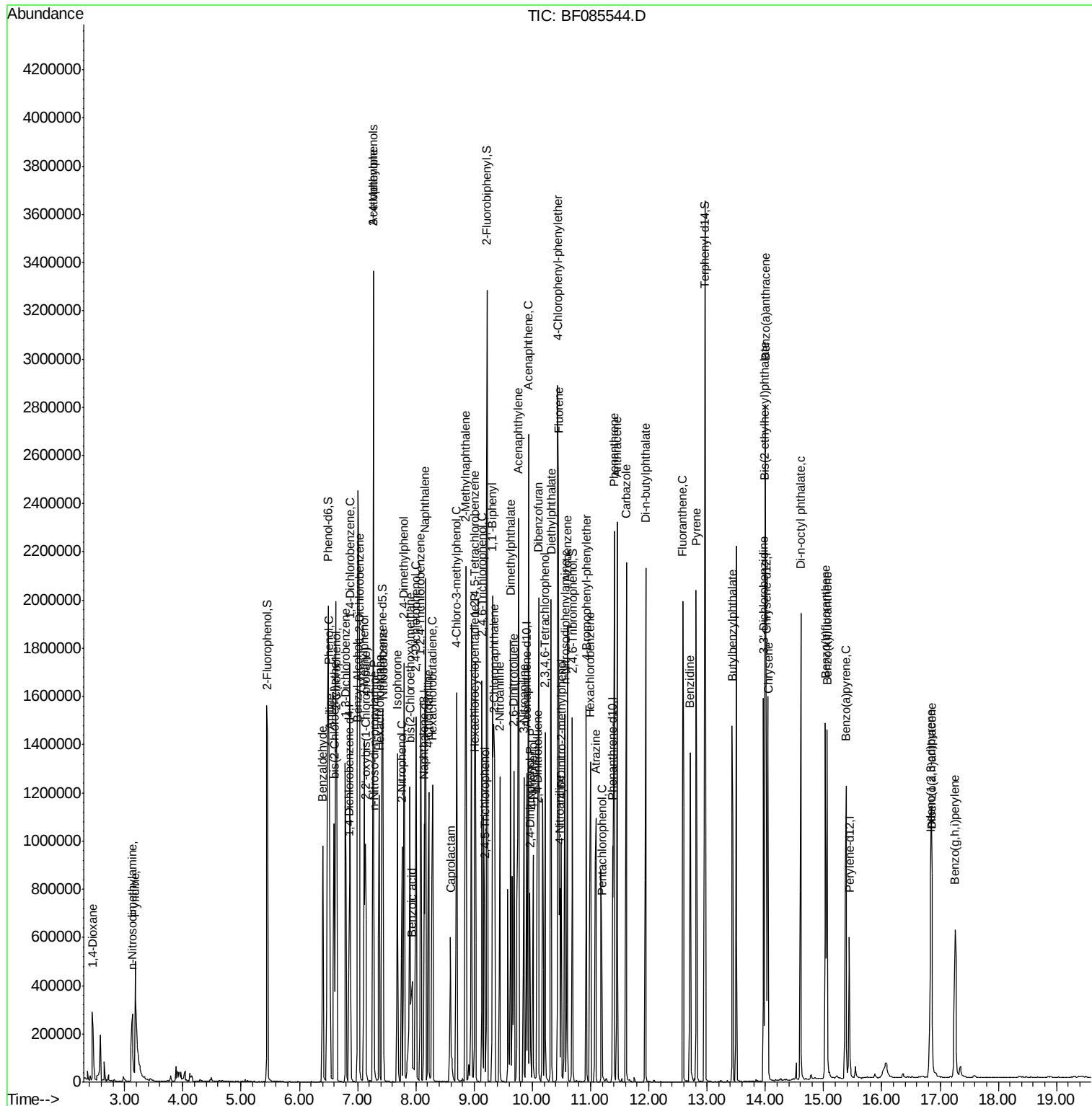
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ALS Vial  : 6      Sample Multiplier: 1
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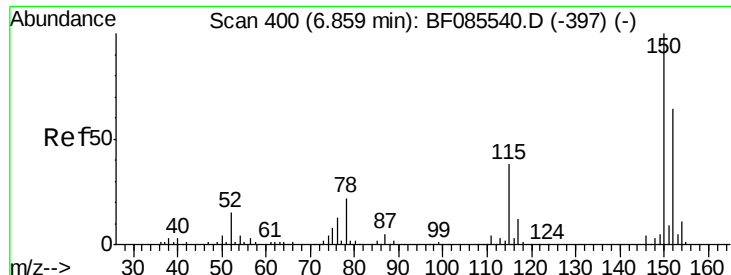
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

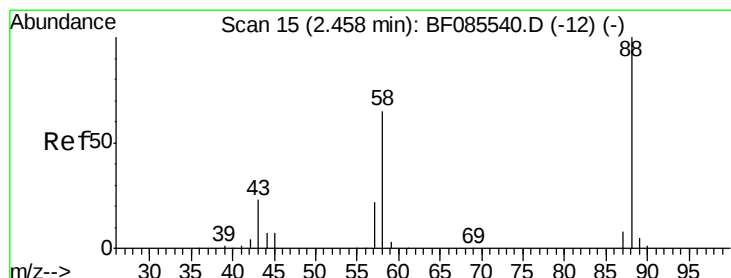
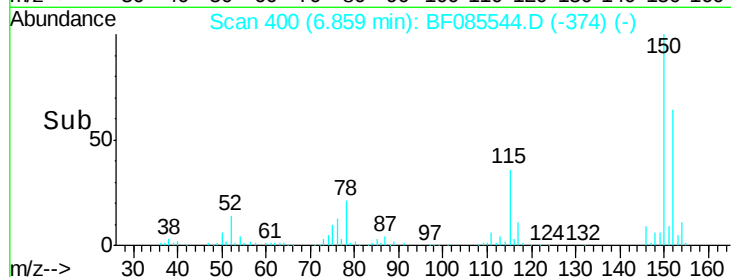
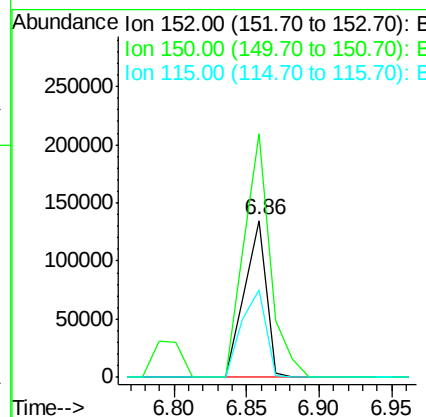
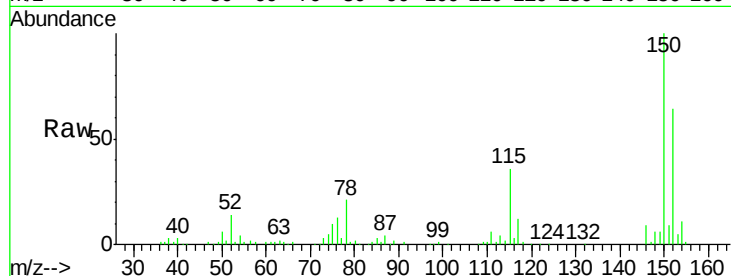
ClientSampleId :

ICVBF031816

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	55.5	47.0	70.6

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#2

1,4-Dioxane

Concen: 39.23 ng

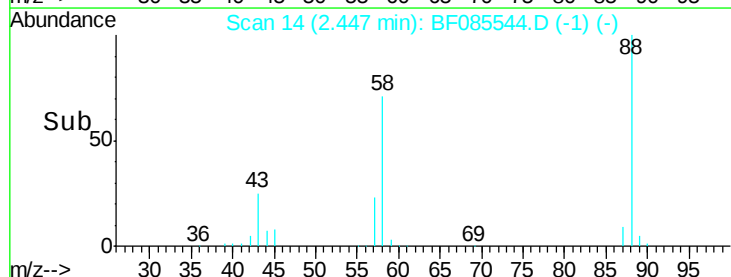
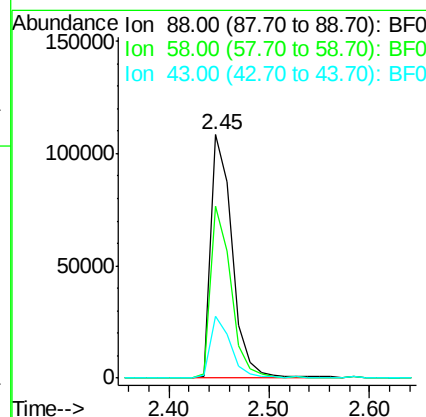
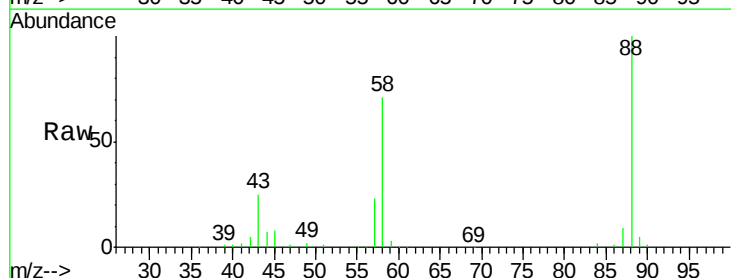
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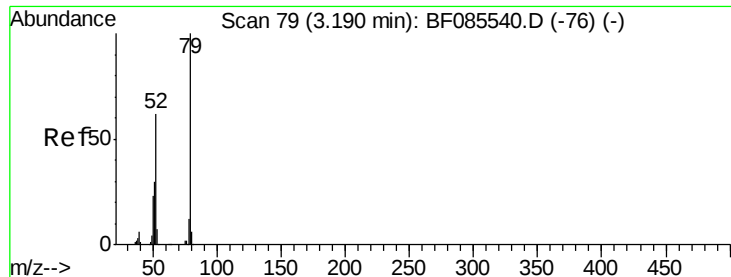
Delta R.T. -0.01 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	54.2	81.2
43	24.0	19.3	28.9





#3

Pyridine

Concen: 43.34 ng

RT: 3.18 min Scan# 78

Delta R.T. -0.01 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

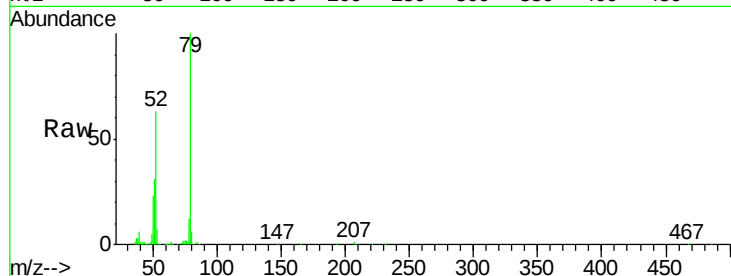
ClientSampleId :

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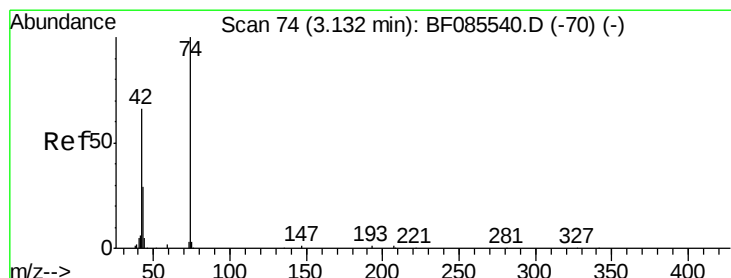
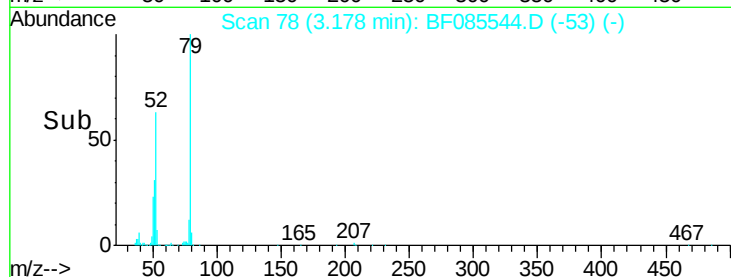
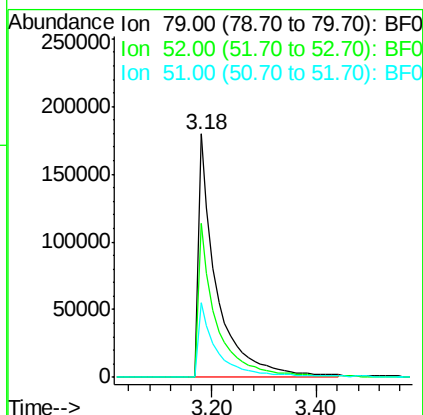
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Tgt Ion:	79	Resp:	436704
Ion	Ratio	Lower	Upper
79	100		
52	63.1	49.8	74.6
51	30.9	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 40.56 ng

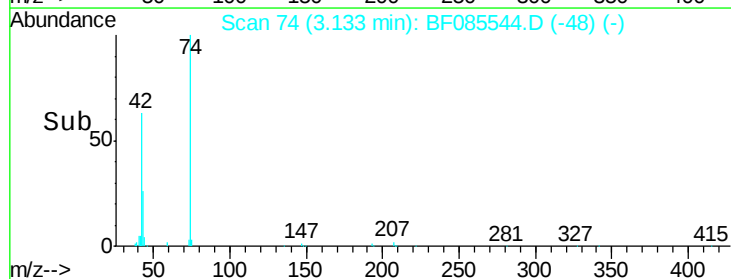
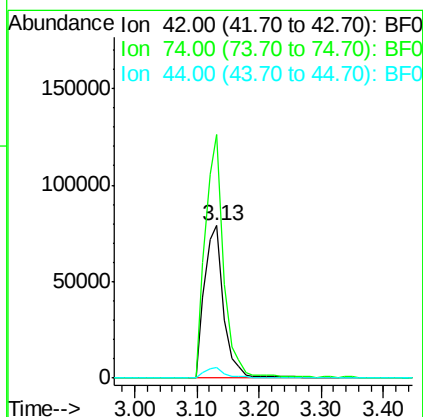
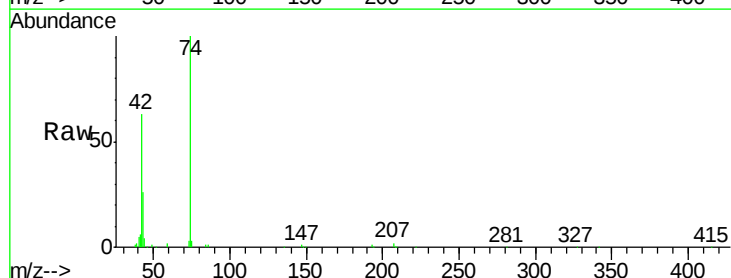
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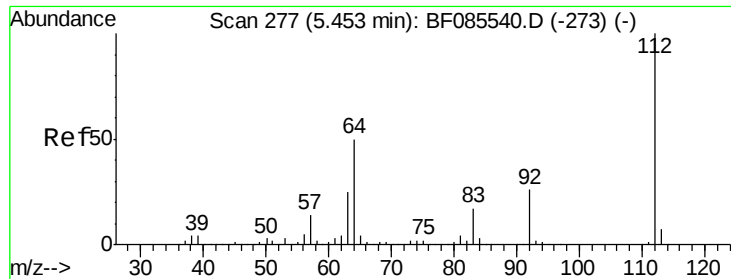
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion:	42	Resp:	170616
Ion	Ratio	Lower	Upper
42	100		
74	159.7	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 81.95 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085544.D

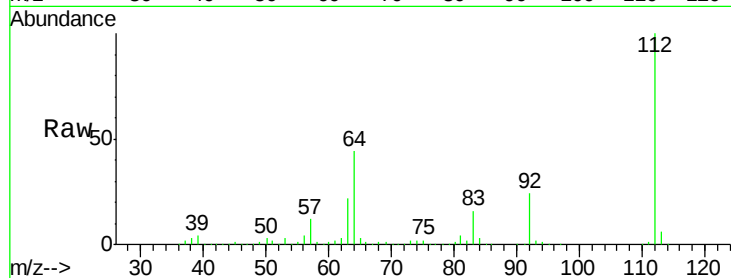
Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

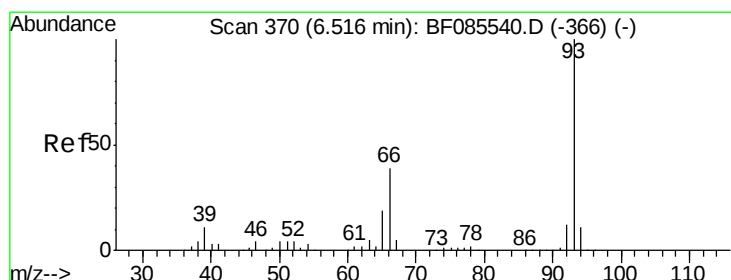
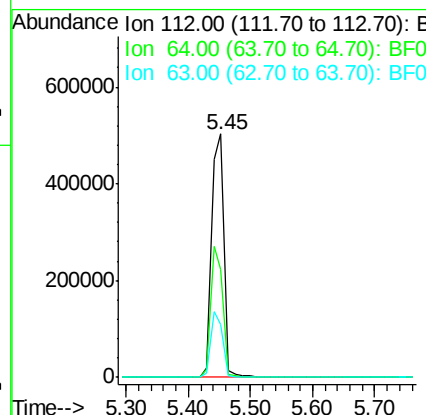
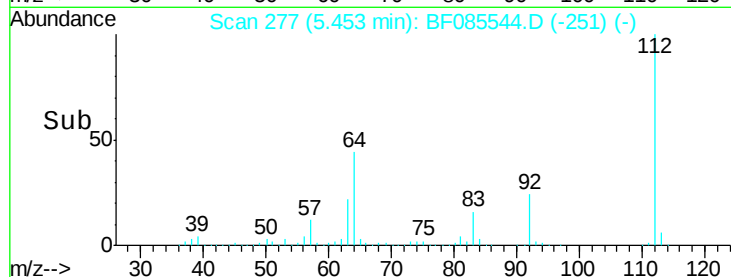
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	691710		
64	44.4	39.9	59.9	
63	22.0	20.2	30.2	

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#6

Aniline

Concen: 39.62 ng

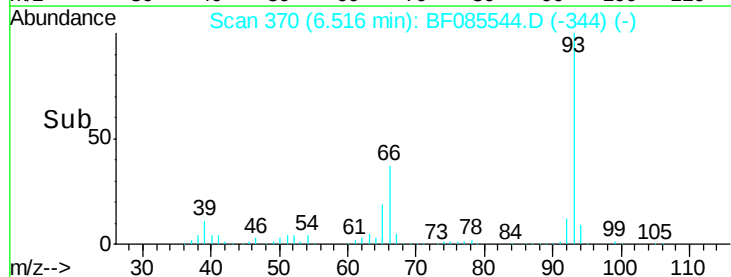
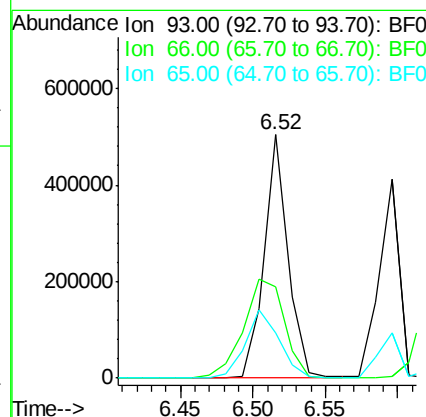
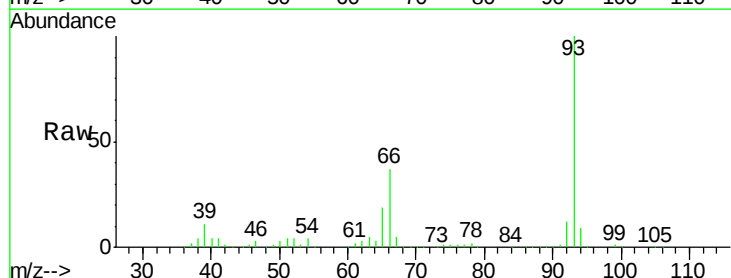
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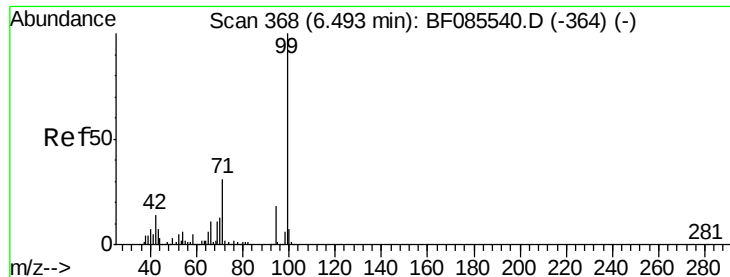
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	576121		
66	37.2	31.4	47.2	
65	18.8	15.7	23.5	





#7

Phenol-d6

Concen: 81.90 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

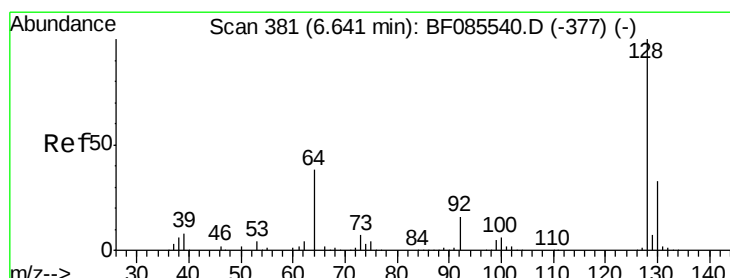
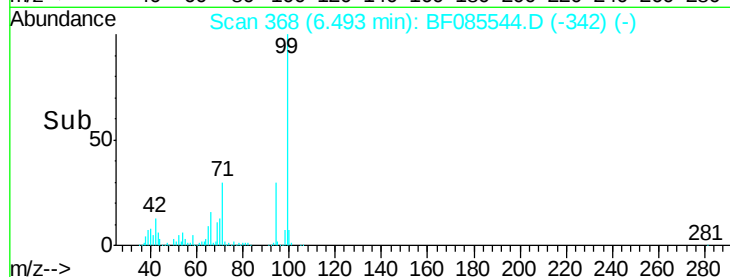
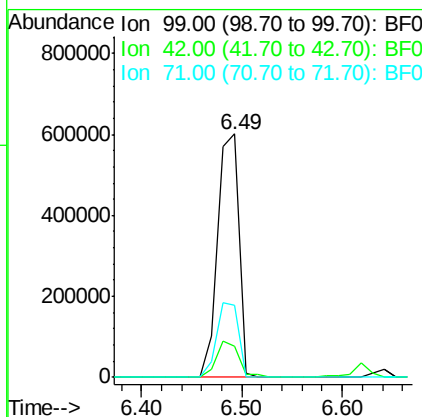
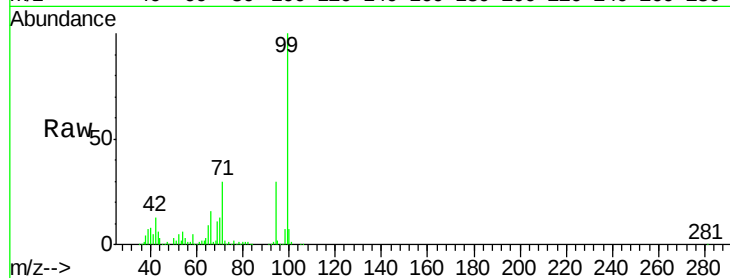
ClientSampleId :

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Tgt Ion:	99	Resp:	886602
Ion Ratio	Lower	Upper	
99	100		
42	12.9	11.1	16.7
71	29.8	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.73 ng

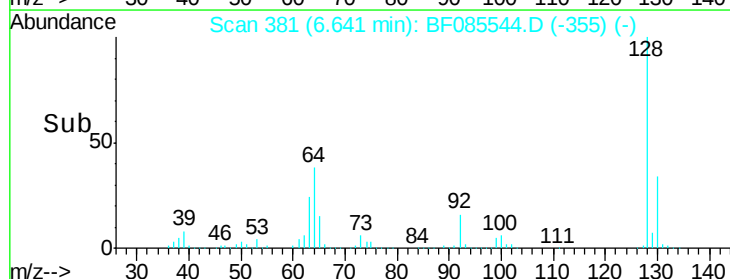
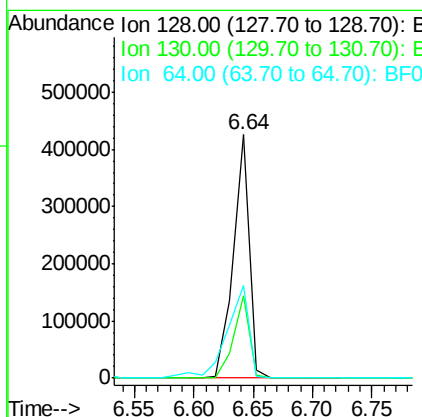
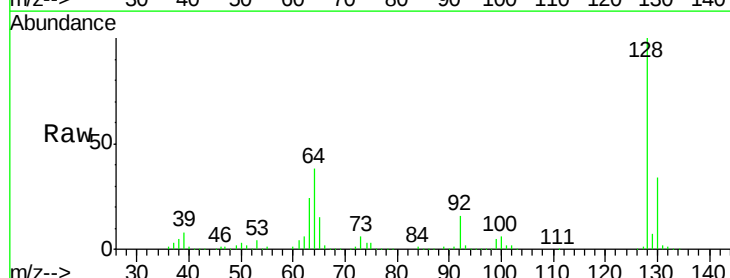
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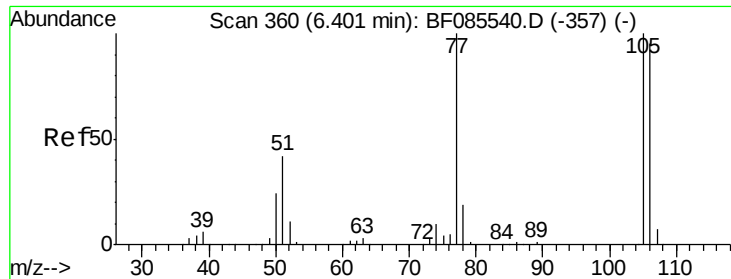
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion:	128	Resp:	397749
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.9	52.9
64	38.2	20.2	60.2





#9

Benzaldehyde

Concen: 40.44 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085544.D

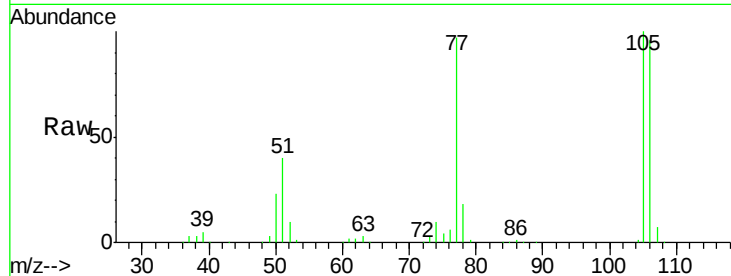
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Instrument :

BNA_F

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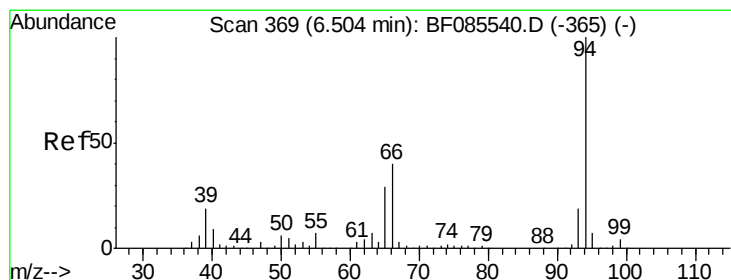
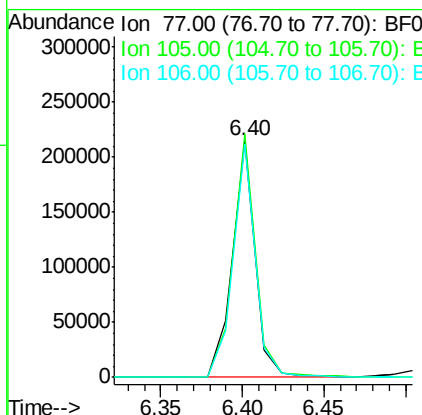
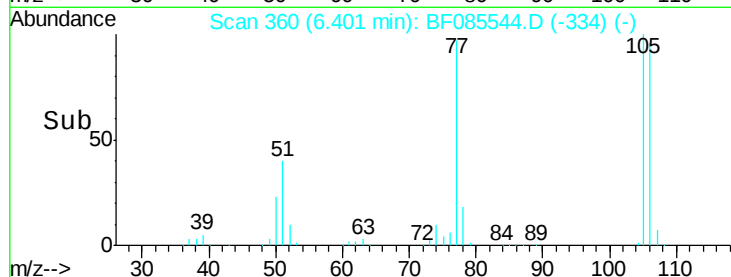
ICVBF031816



Tgt Ion:	77	Resp:	205174
Ion	Ratio	Lower	Upper
77	100		
105	102.9	80.1	120.1
106	98.4	75.0	115.0

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#10

Phenol

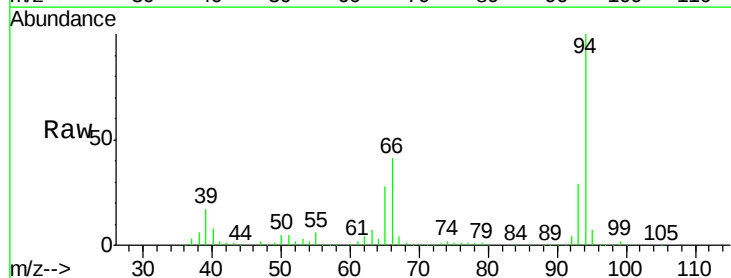
Concen: 42.22 ng

RT: 6.50 min Scan# 369

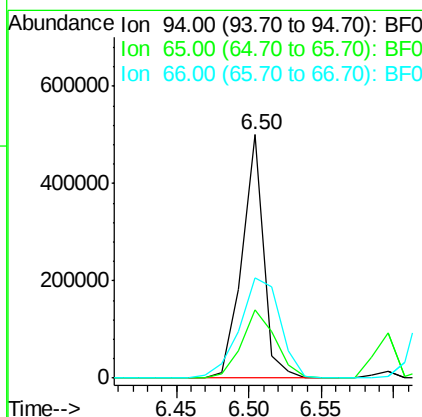
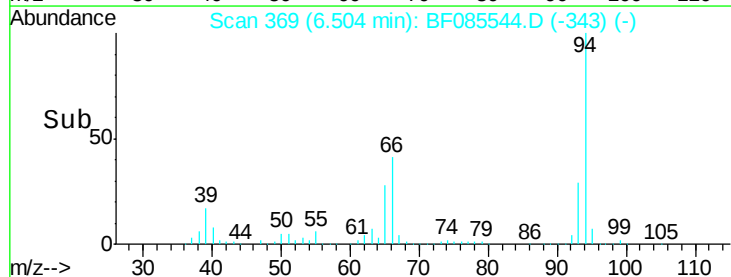
Delta R.T. 0.00 min

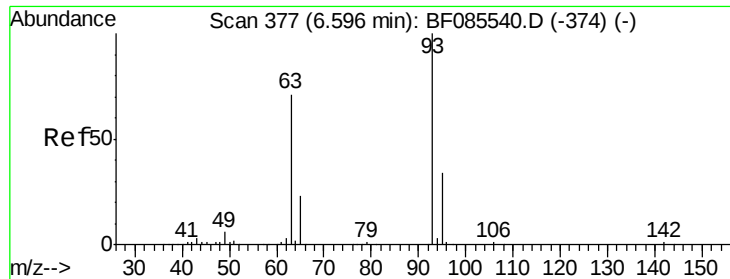
Lab File: BF085544.D

Acq: 19 Mar 2016 00:34



Tgt Ion:	94	Resp:	520571
Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.6	48.6
66	41.0	20.0	60.0





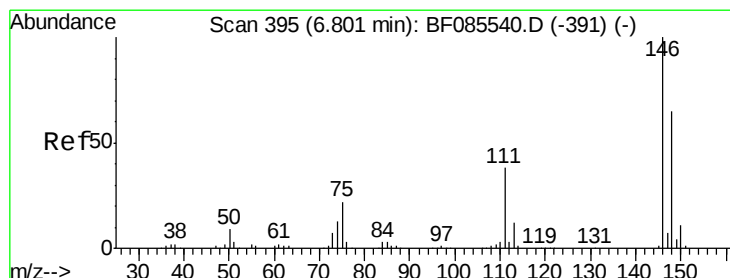
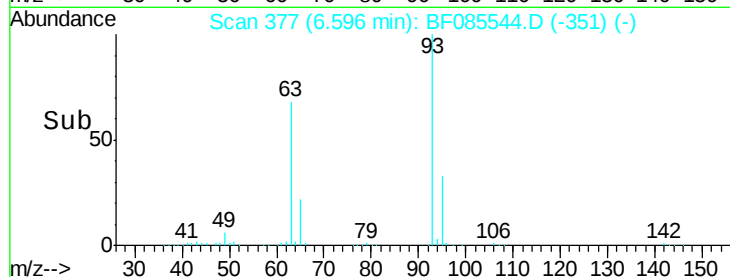
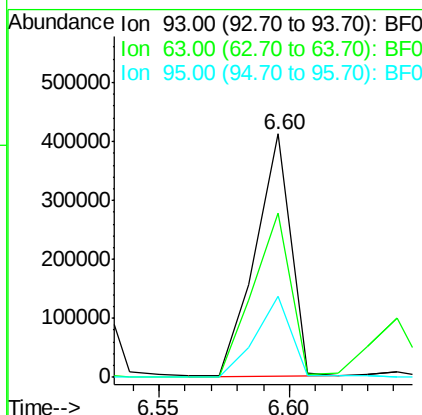
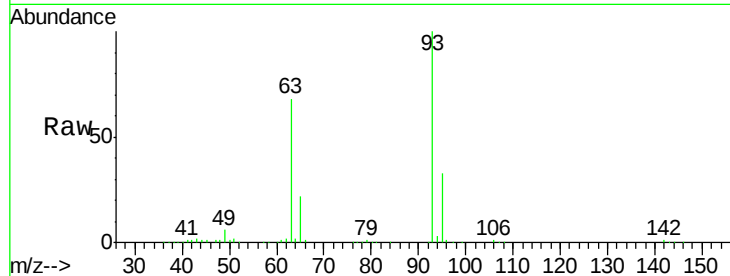
#11
bis(2-Chloroethyl)ether
Concen: 42.17 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion:	93	Resp:	391972
Ion	Ratio	Lower	Upper
93	100		
63	67.5	50.9	90.9
95	33.5	13.3	53.3

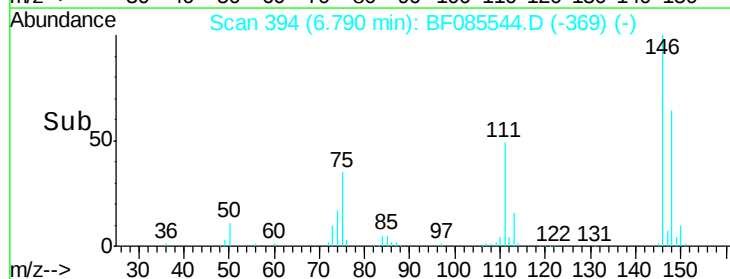
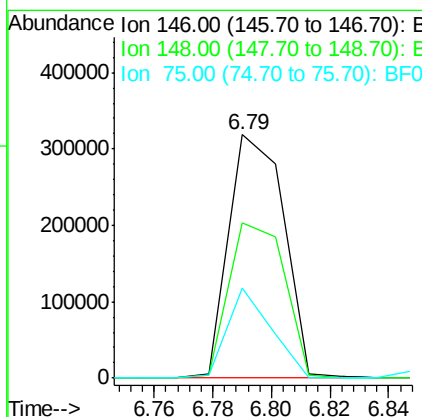
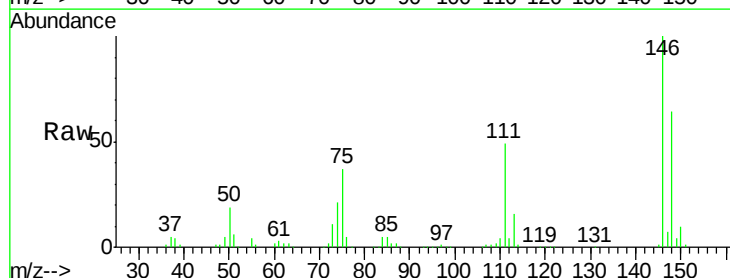
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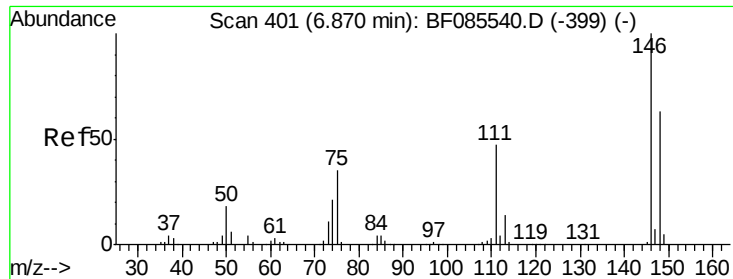
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#12
1,3-Dichlorobenzene
Concen: 39.47 ng m
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion:	146	Resp:	420015
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
75	37.0	17.4	26.2#





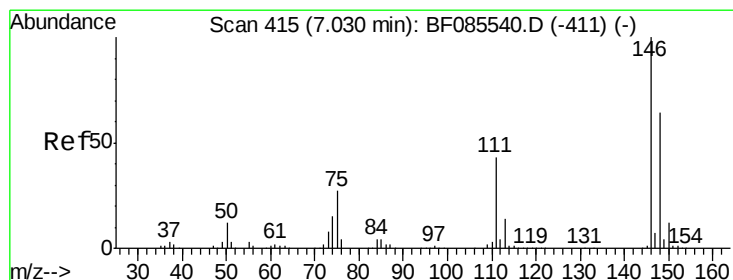
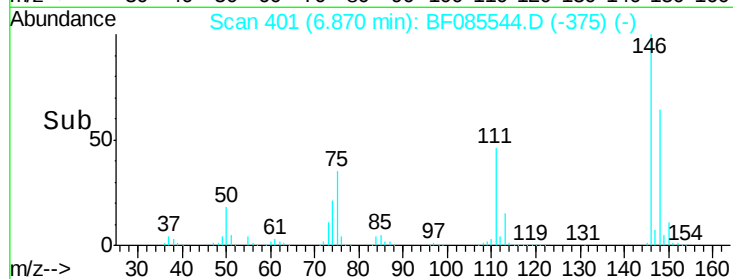
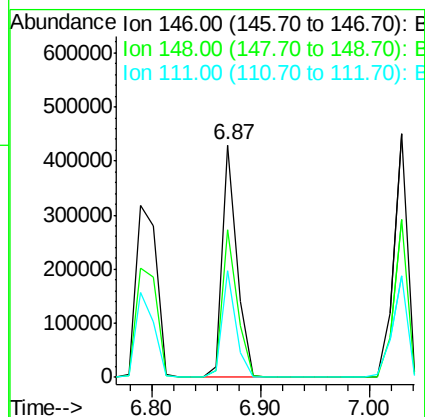
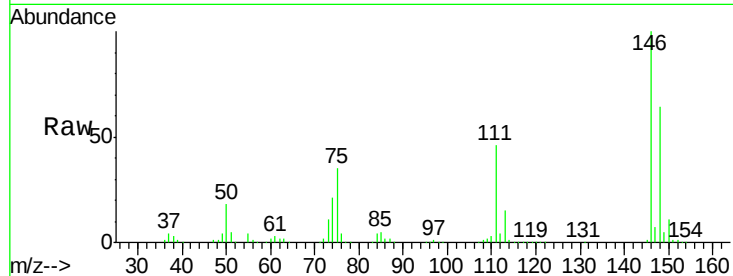
#13
 1,4-Dichlorobenzene
 Concen: 37.77 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	45.7	37.8	56.6

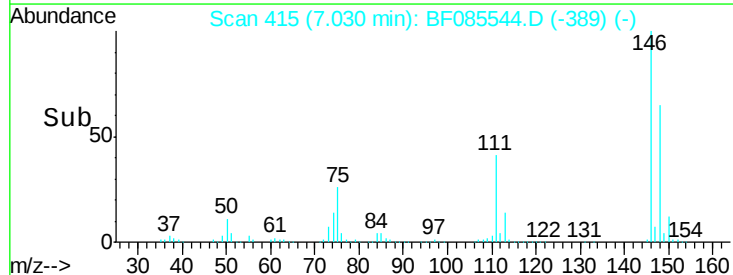
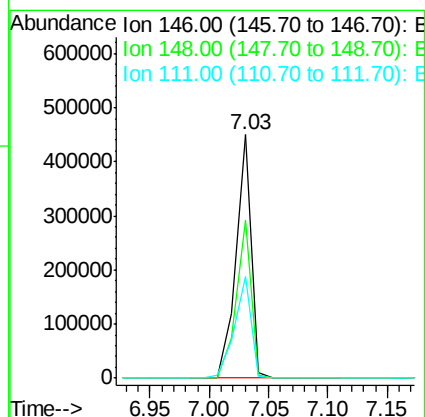
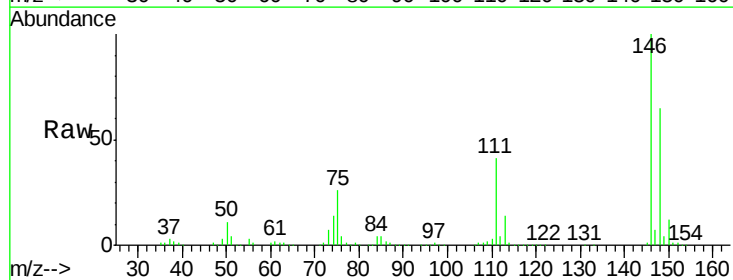
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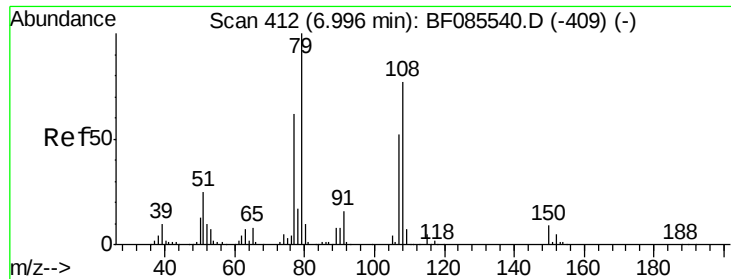
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#14
 1,2-Dichlorobenzene
 Concen: 41.53 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	41.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 37.87 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

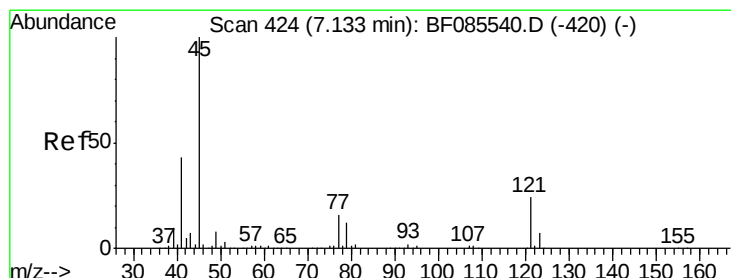
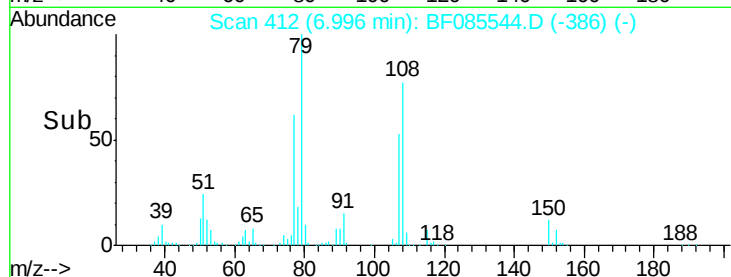
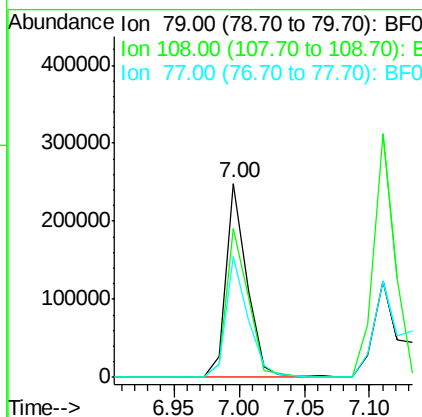
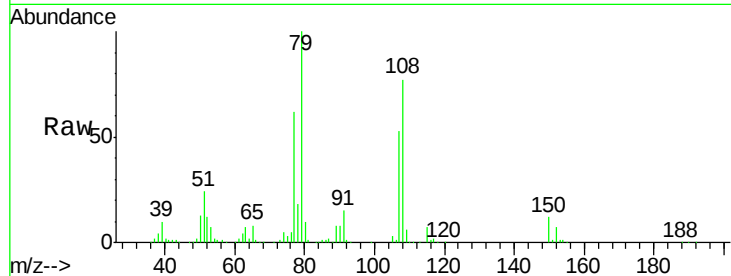
ClientSampleId :

ICVBF031816

Tgt Ion:	79	Resp:	280804
Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.8	92.6
77	62.1	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.97 ng

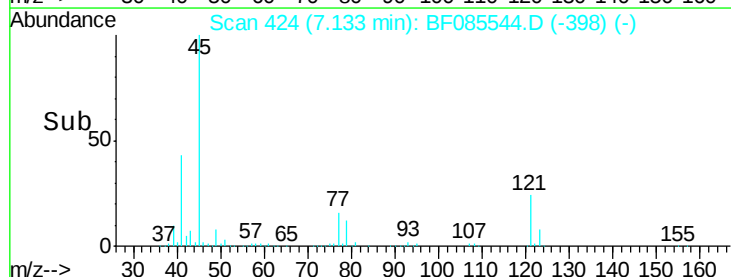
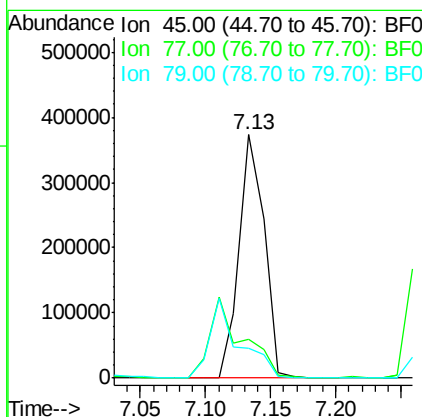
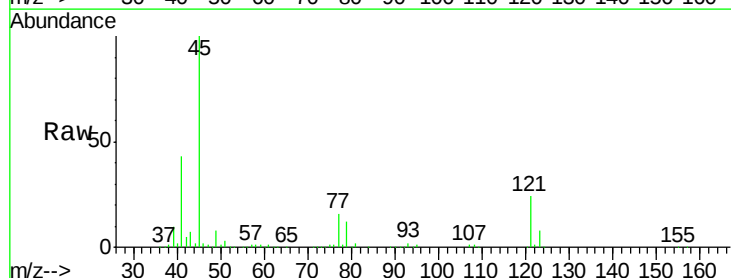
RT: 7.13 min Scan# 424

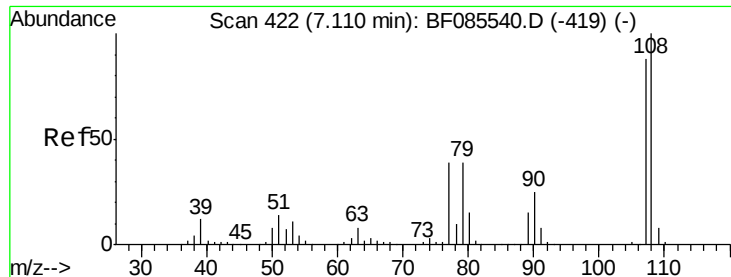
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion:	45	Resp:	500797
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	35.7
79	12.2	0.0	32.2





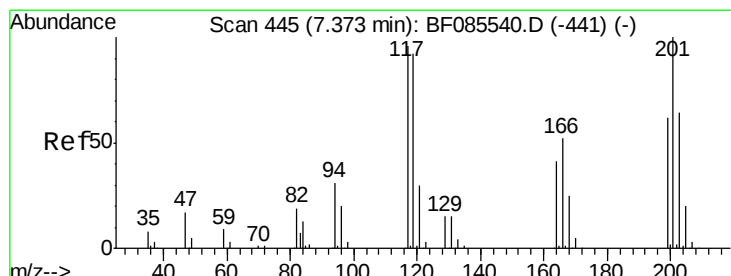
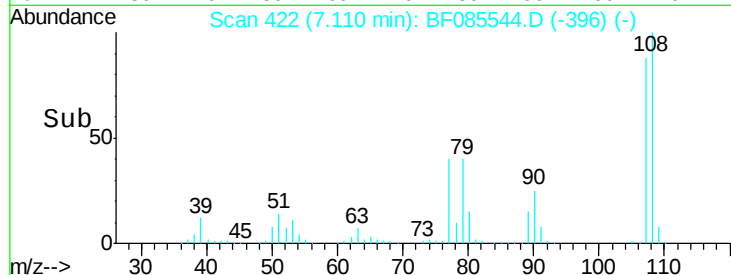
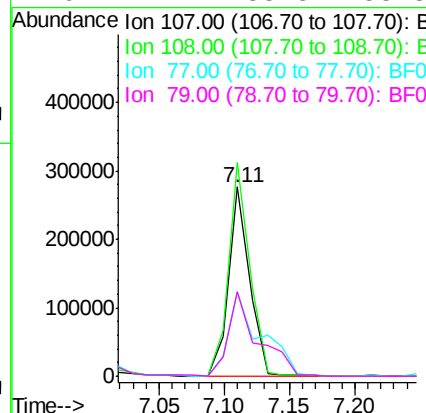
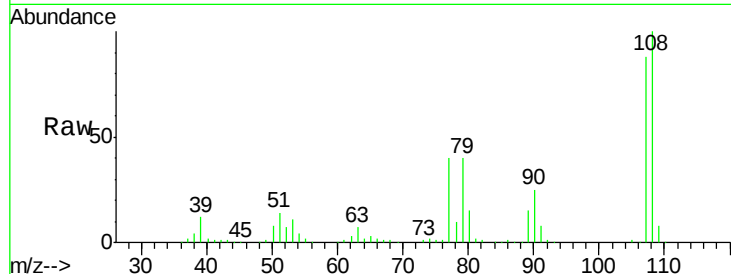
#17
2-Methylphenol
Concen: 38.45 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion:	107	Resp:	311197
Ion Ratio	Lower	Upper	
107	100		
108	113.1	91.4	137.0
77	44.9	36.2	54.2
79	44.7	35.8	53.8

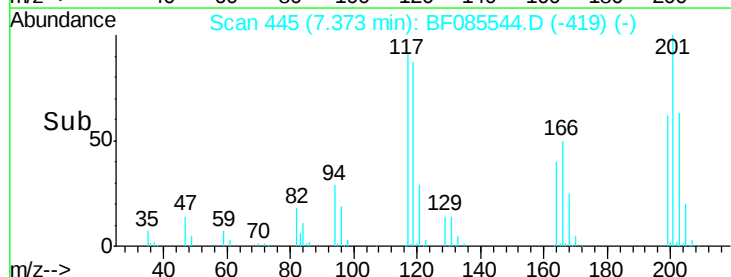
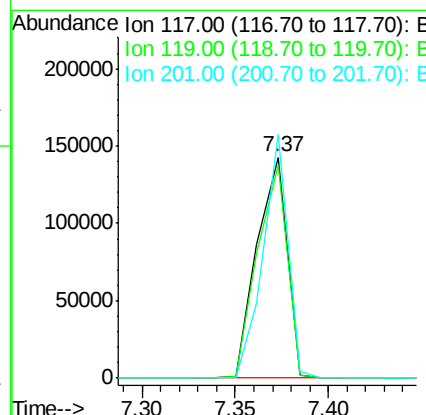
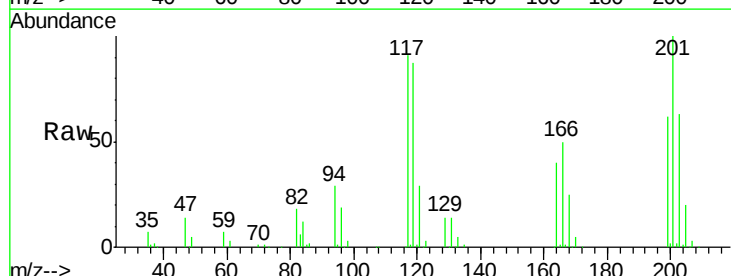
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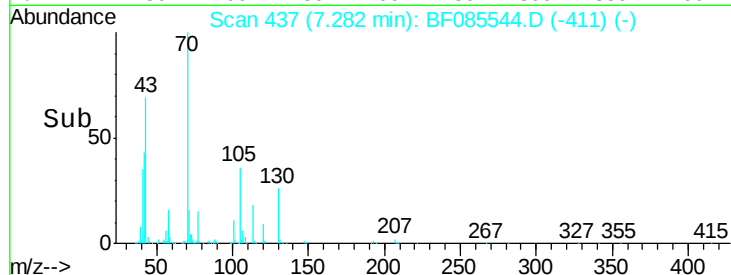
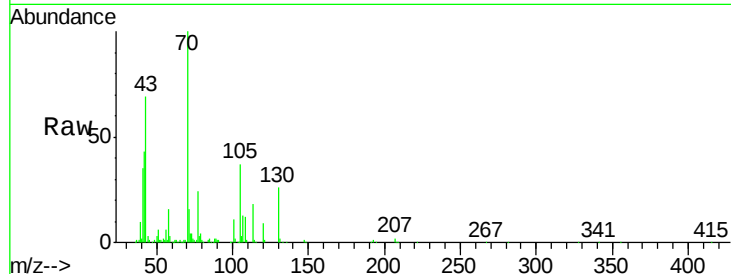
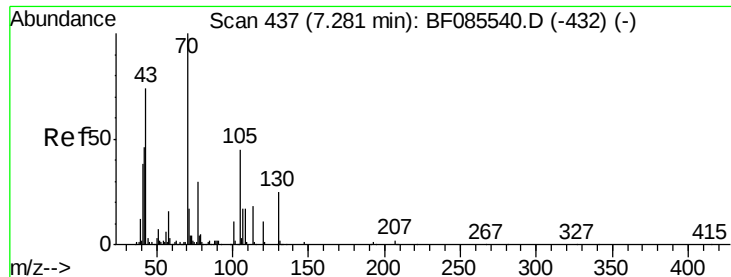
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#18
Hexachloroethane
Concen: 40.61 ng
RT: 7.37 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion:	117	Resp:	159144
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.7	115.1
201	110.2	83.3	124.9





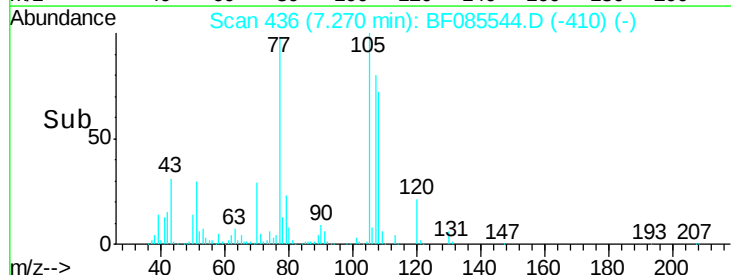
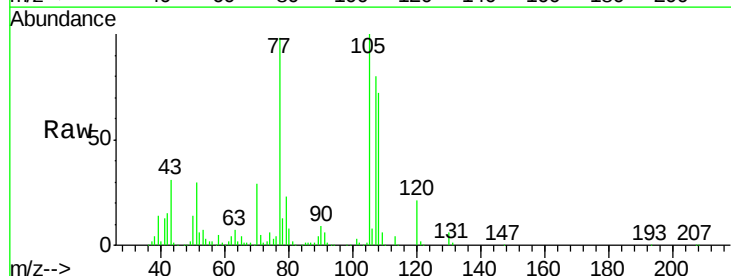
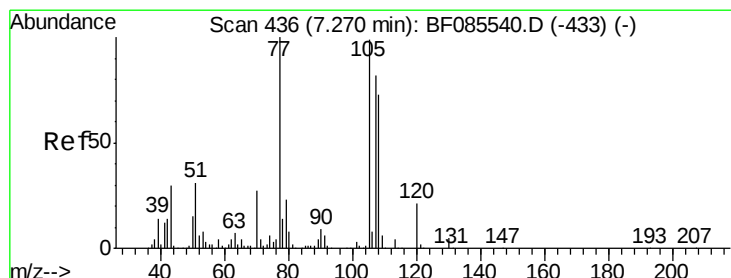
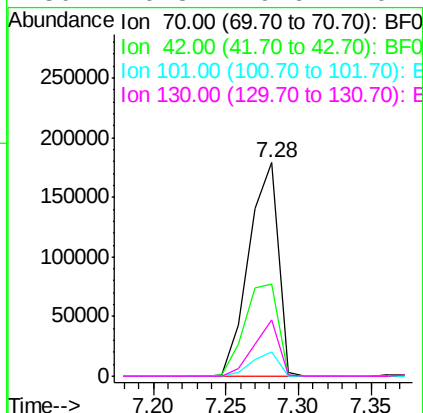
#19
n-Nitroso-di-n-propylamine
Concen: 38.87 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

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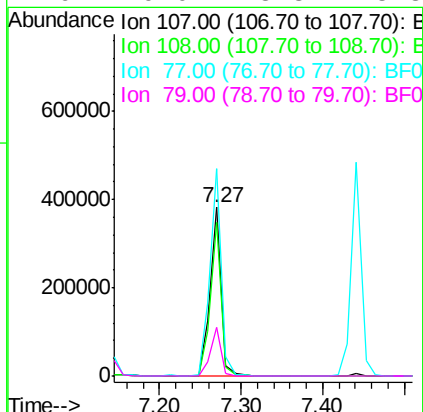
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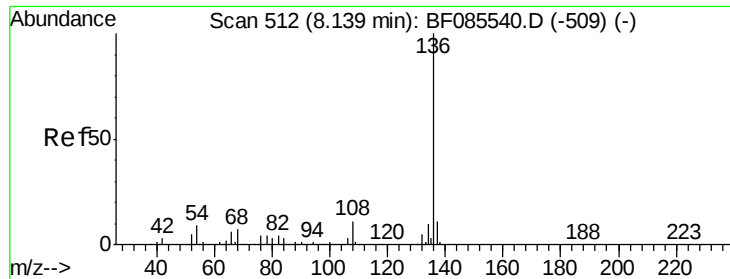
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.0	37.1	55.7
101	11.3	8.6	12.8
130	26.3	19.6	29.4



#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.3	109.3
77	123.1	101.7	141.7
79	29.0	8.3	48.3





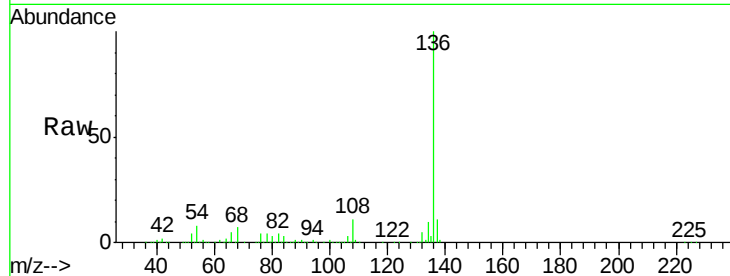
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

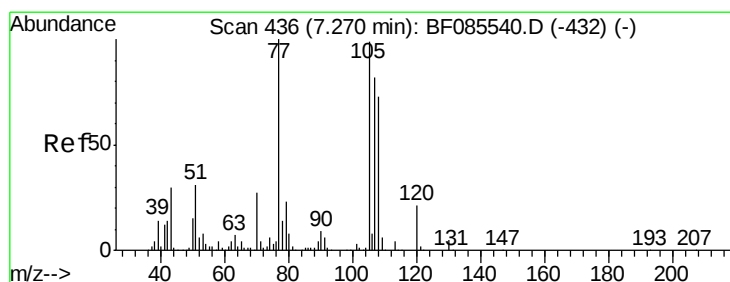
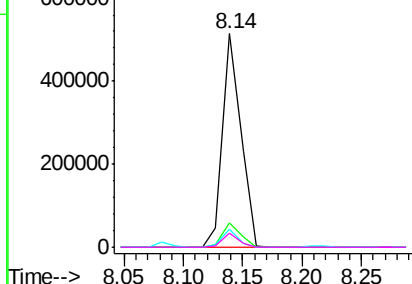
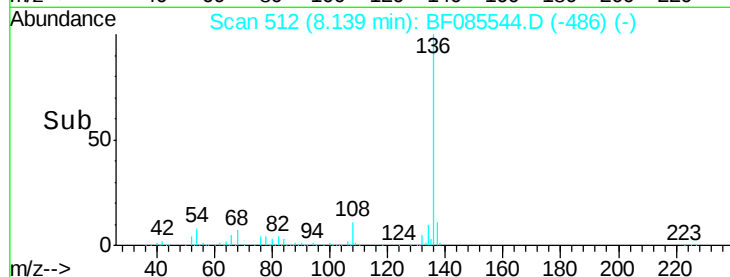
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	546631		
137	11.2	9.1	13.7	
54	8.3	7.4	11.0	
68	6.8	5.8	8.8	

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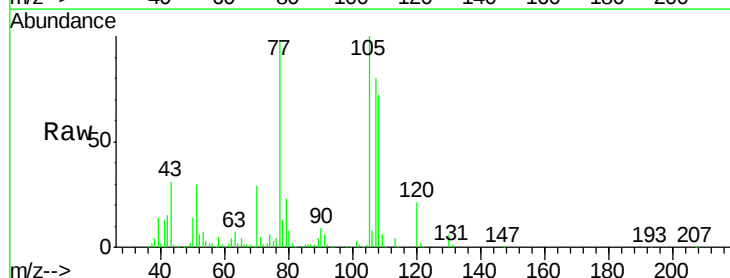


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

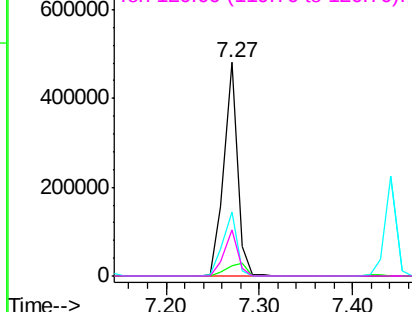
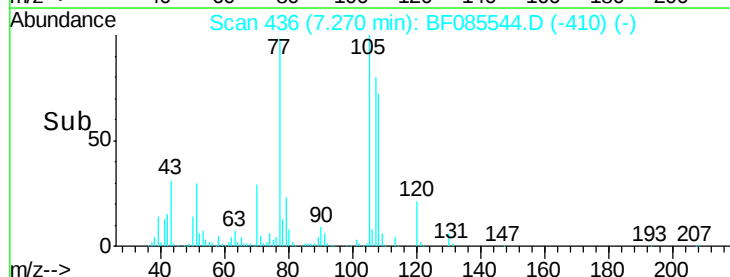


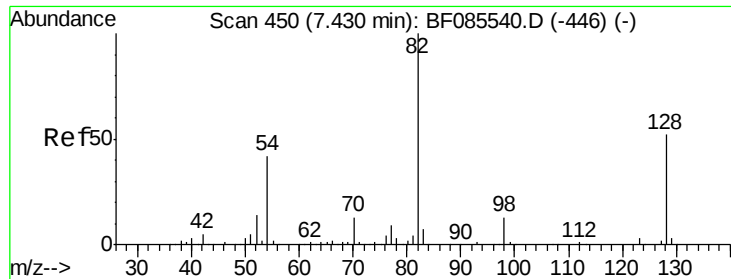
#22
Acetophenone
Concen: 37.78 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	490018		
71	5.0	3.6	5.4	
51	30.0	25.4	38.0	
120	21.4	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





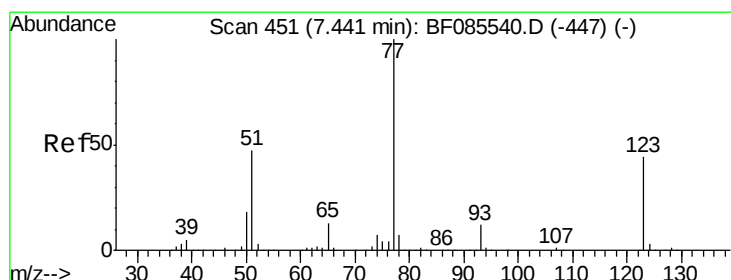
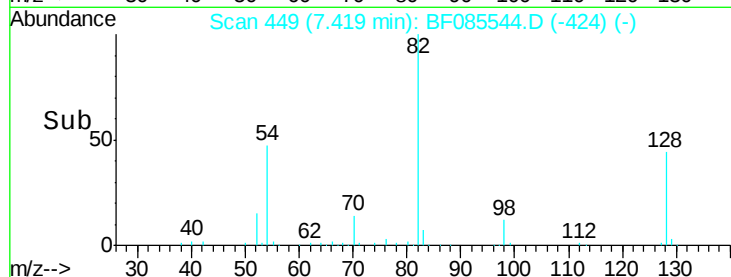
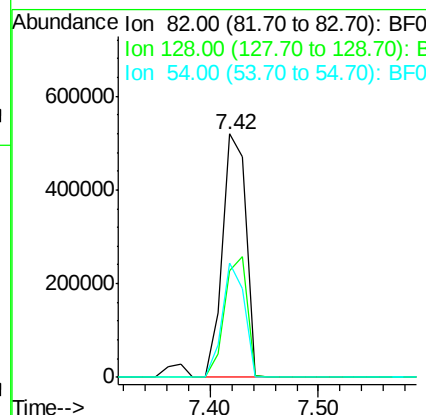
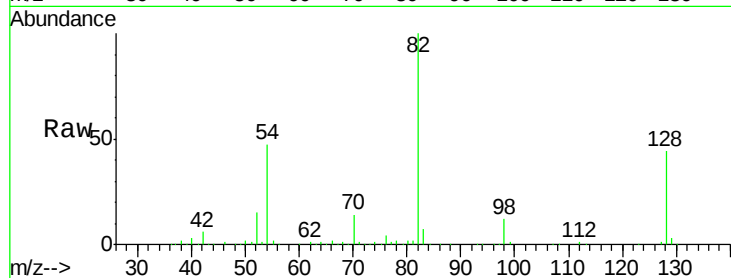
#23
 Nitrobenzene-d5
 Concen: 82.64 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	41.8	62.8
54	46.7	33.4	50.0

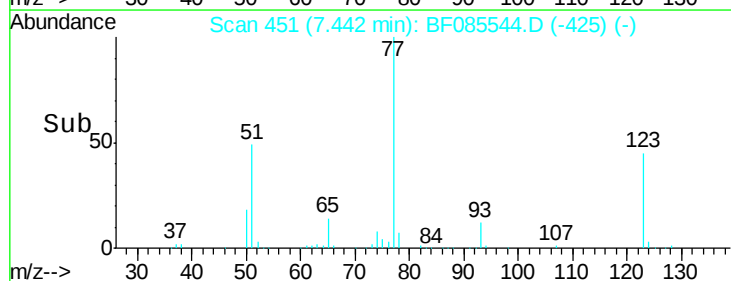
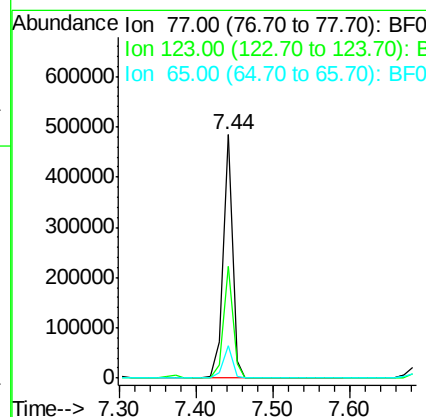
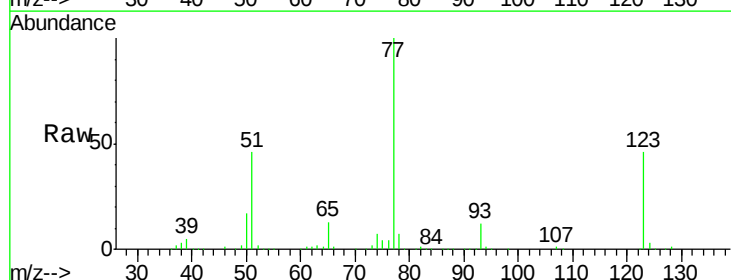
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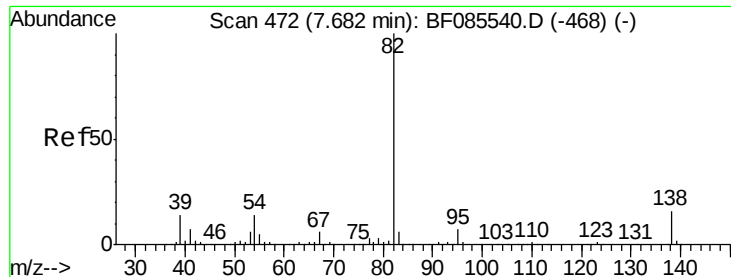
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#24
 Nitrobenzene
 Concen: 40.21 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.0	52.4
65	13.1	10.6	16.0





#25

Isophorone

Concen: 39.33 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

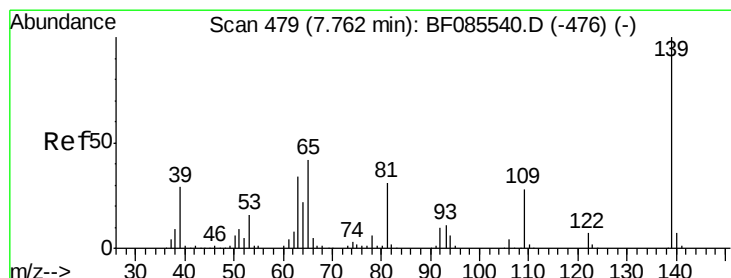
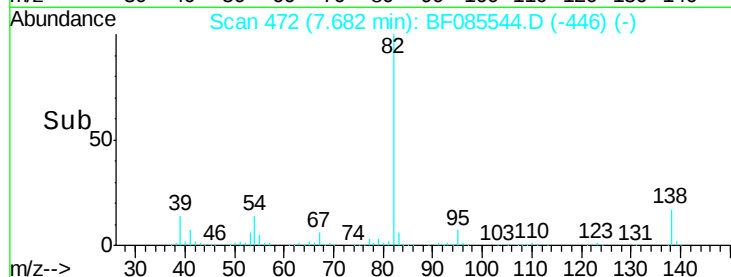
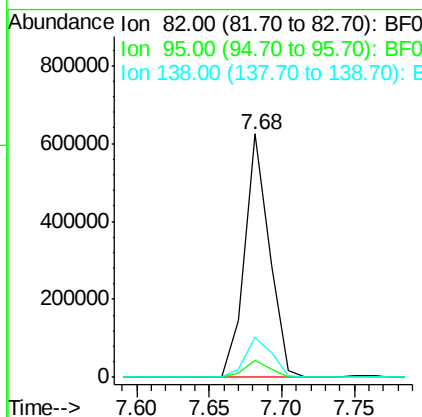
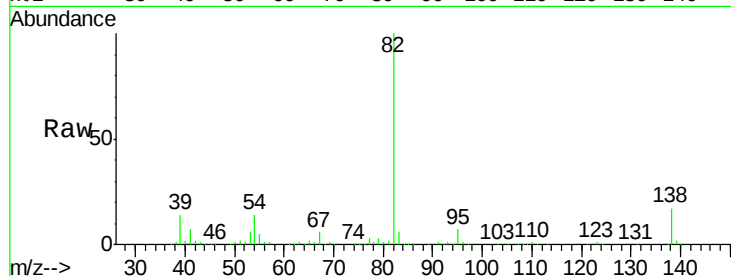
ClientSampleId :

ICVBF031816

Tgt Ion:	82	Resp:	741519
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	16.6	12.9	19.3

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#26

2-Nitrophenol

Concen: 46.01 ng

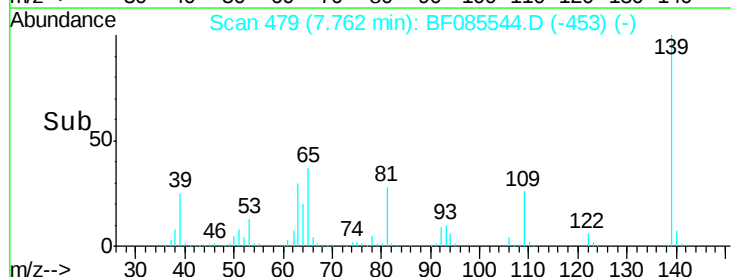
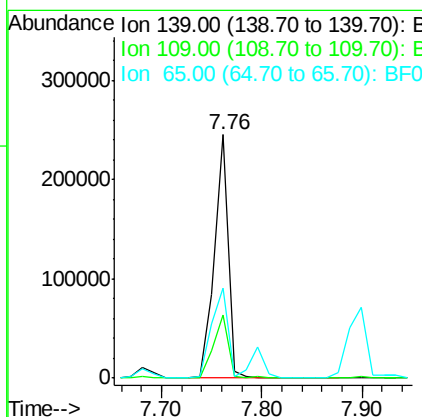
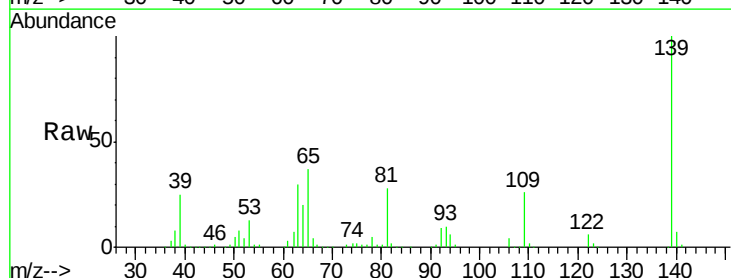
RT: 7.76 min Scan# 479

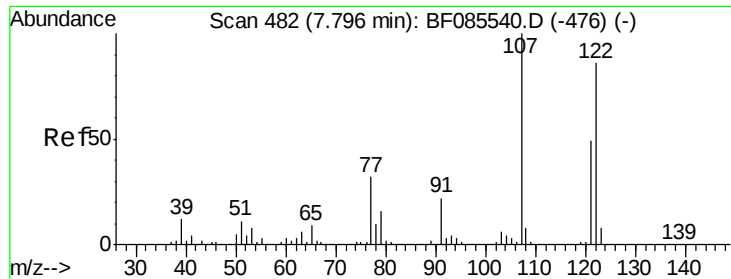
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion:	139	Resp:	234420
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.1	33.1
65	37.1	33.9	50.9





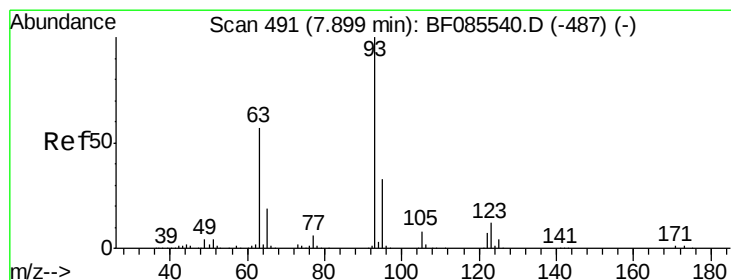
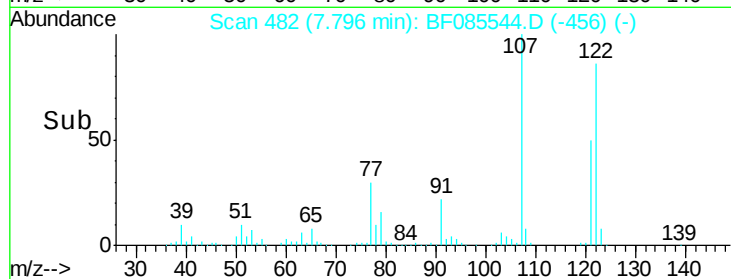
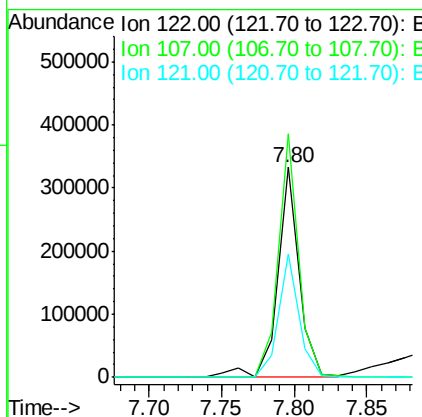
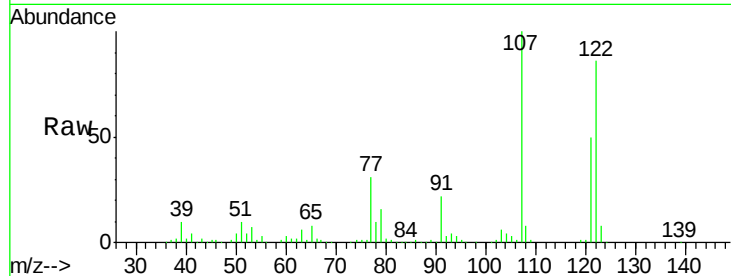
#27
2,4-Dimethylphenol
Concen: 38.17 ng
RT: 7.80 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	343858		
107	115.9	93.0	139.6	
121	58.4	45.9	68.9	

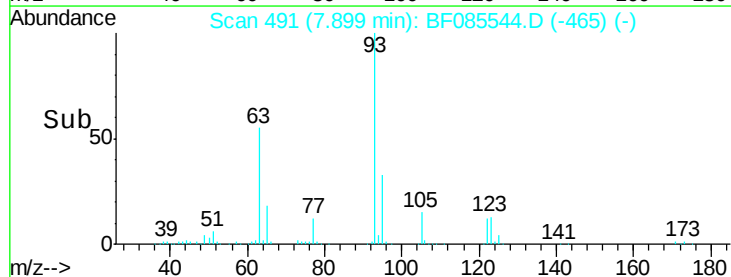
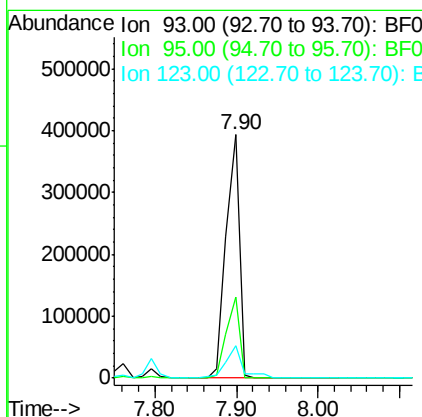
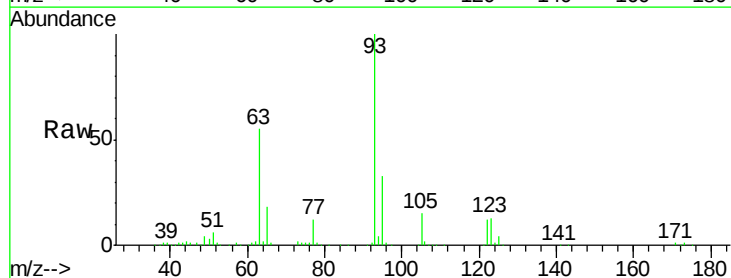
Manual Integrations
APPROVED

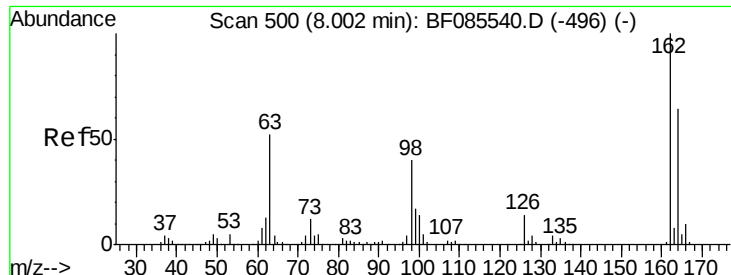
apatel
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#28
bis(2-Chloroethoxy)methane
Concen: 41.40 ng
RT: 7.90 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	443999		
95	33.2	26.4	39.6	
123	13.2	9.8	14.6	





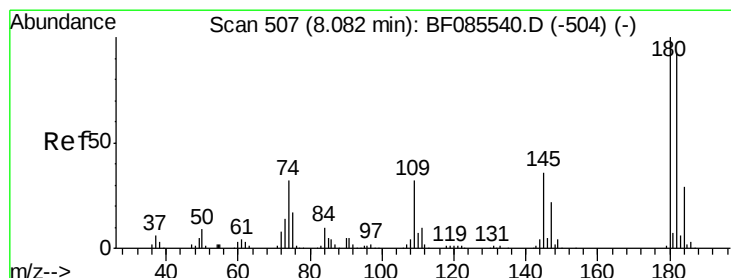
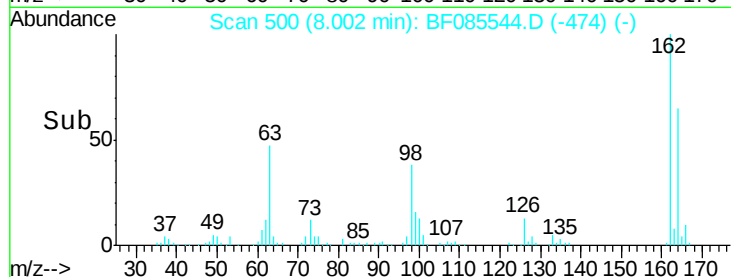
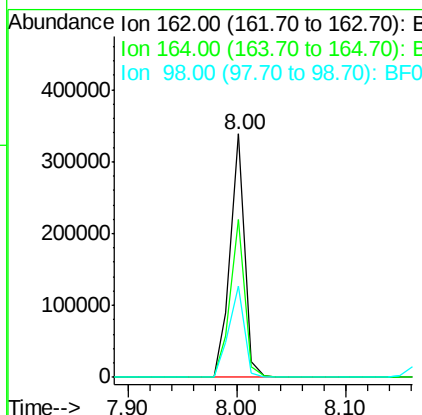
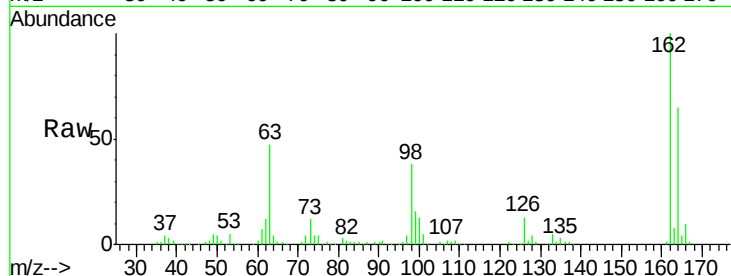
#29
 2,4-Dichlorophenol
 Concen: 42.12 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	313349		
164	64.7	43.7	83.7	
98	37.6	20.4	60.4	

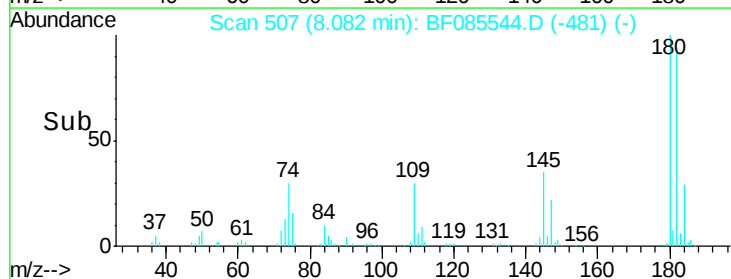
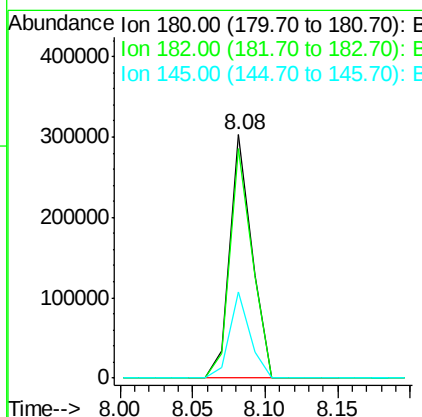
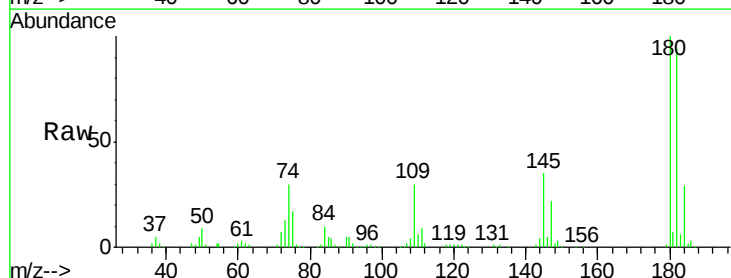
Manual Integrations
 APPROVED

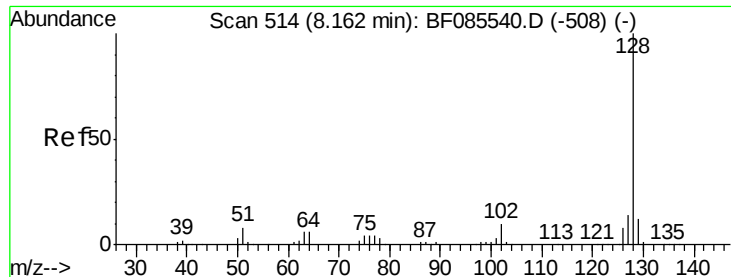
apatel
 3/21/2016 5:07:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.45 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320419		
182	94.2	73.8	110.8	
145	35.1	28.4	42.6	





#31

Naphthalene

Concen: 37.34 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

ICVBF031816

Tgt Ion:128 Resp: 1030242

Ion Ratio Lower Upper

128 100

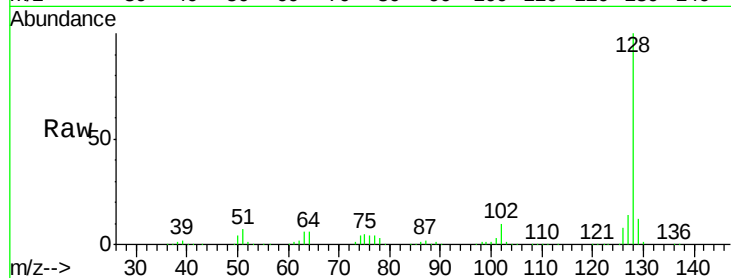
129 11.7 9.4 14.0

127 13.9 11.0 16.6

Manual Integrations
APPROVED

apatel

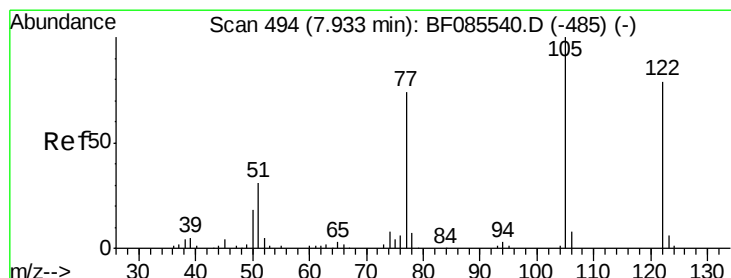
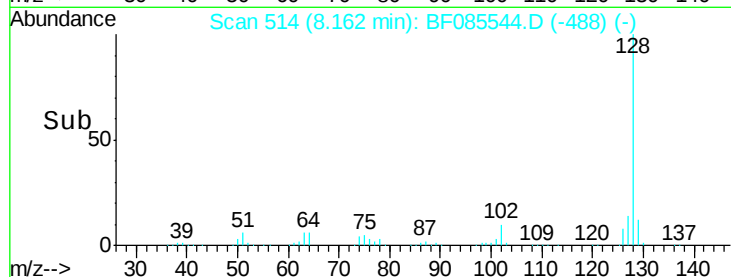
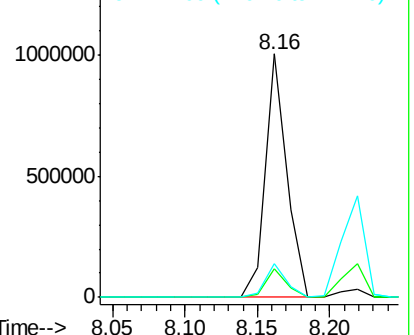
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.73 ng

RT: 7.93 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

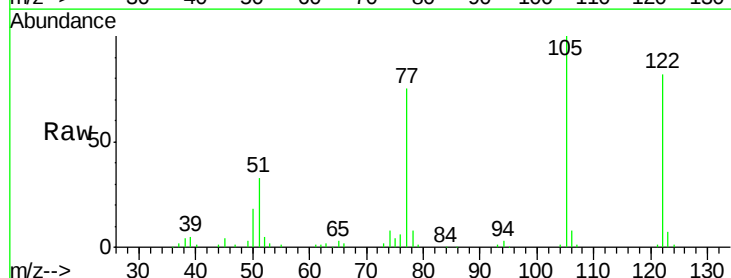
Tgt Ion:122 Resp: 299262

Ion Ratio Lower Upper

122 100

105 122.3 102.9 142.9

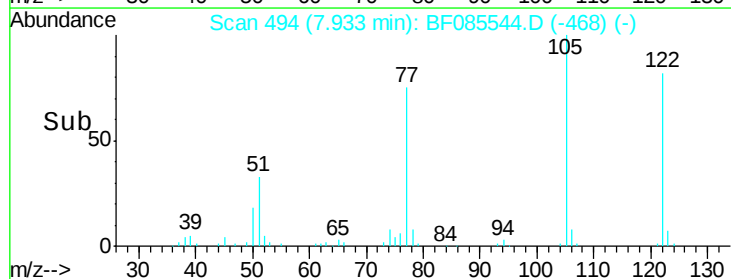
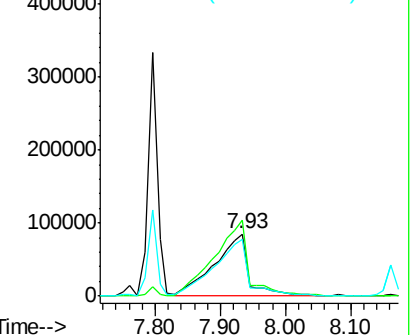
77 91.4 71.8 111.8

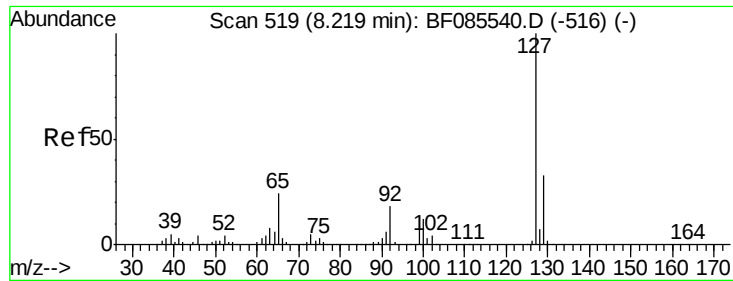


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





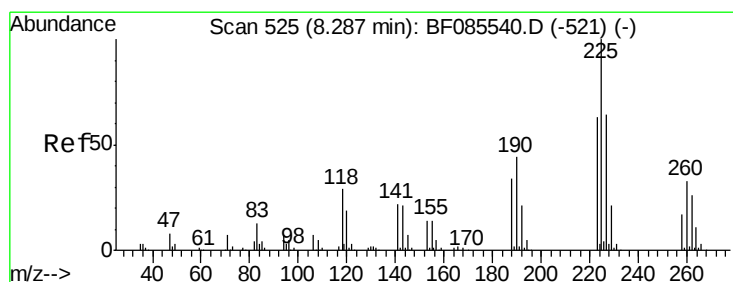
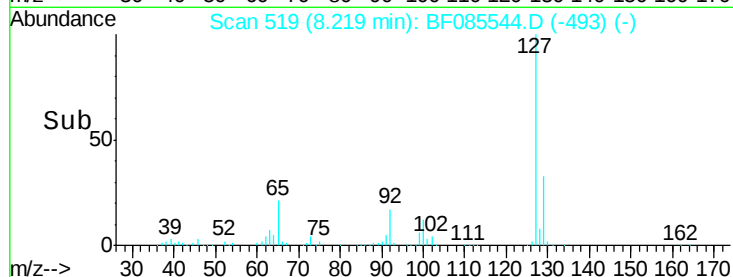
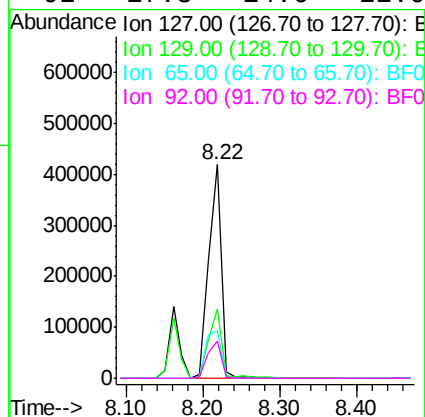
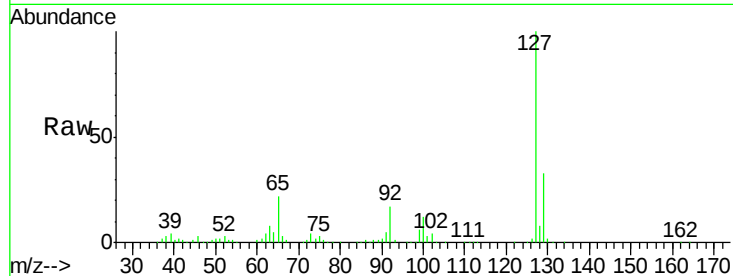
#33
4-Chloroaniline
Concen: 41.34 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	467502		
129	32.6	26.1	39.1	
65	22.0	19.5	29.3	
92	17.3	14.6	22.0	

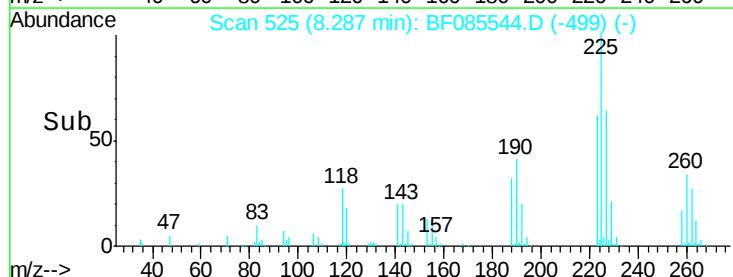
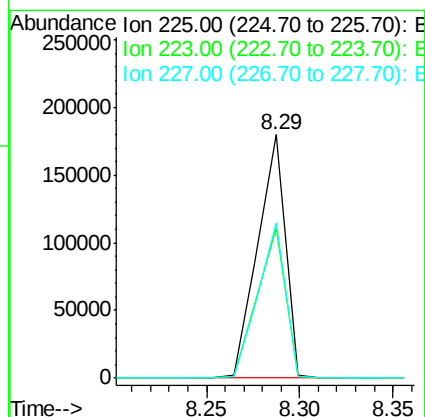
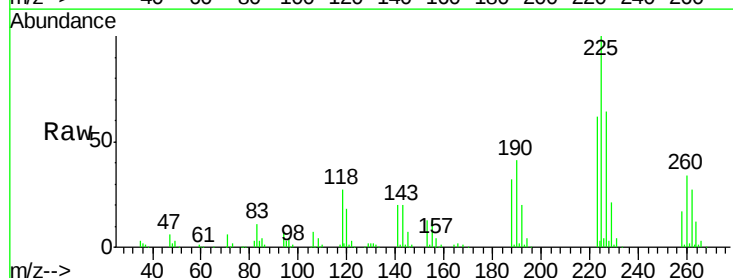
Manual Integrations
APPROVED

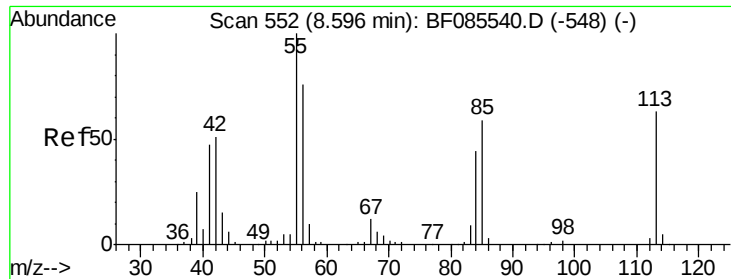
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#34
Hexachlorobutadiene
Concen: 41.44 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184049		
223	61.8	50.4	75.6	
227	63.7	51.4	77.2	





#35

Caprolactam

Concen: 42.84 ng

RT: 8.60 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

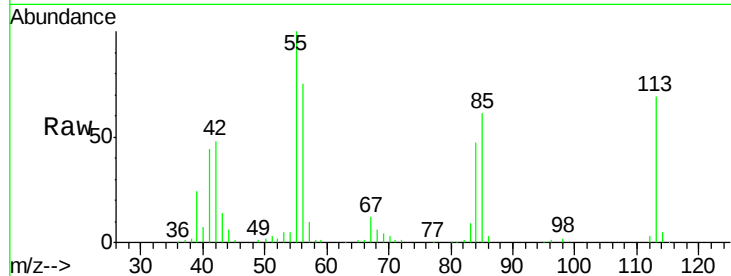
ClientSampleId :

ICVBF031816

Tgt Ion:	113	Resp:	109657
Ion Ratio	Lower	Upper	
113	100		
55	144.0	139.4	179.4
56	107.3	100.4	140.4

Manual Integrations
APPROVED

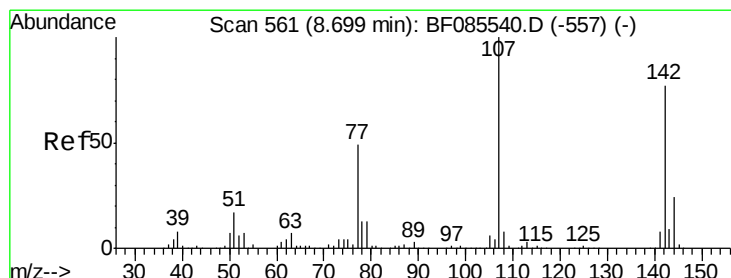
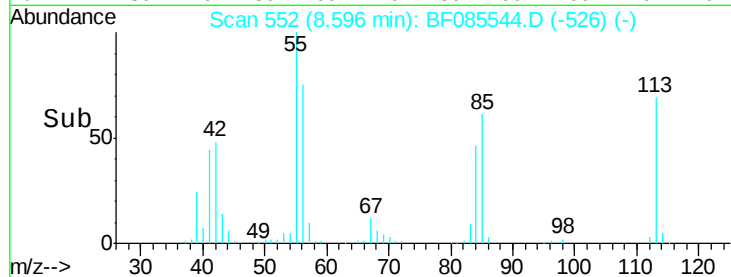
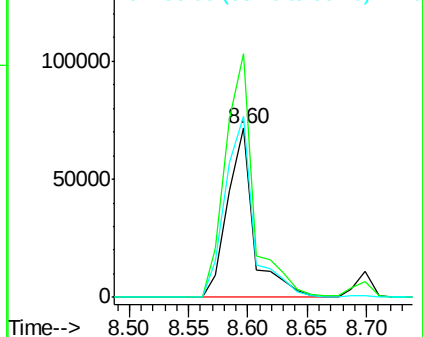
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.43 ng

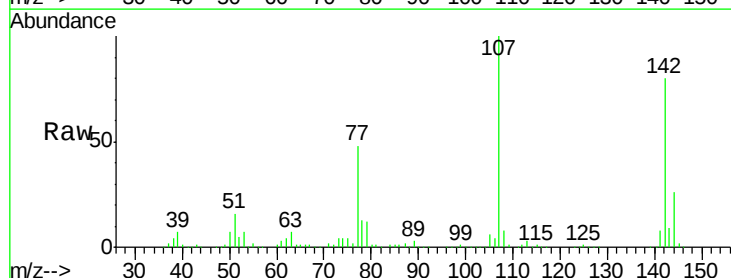
RT: 8.70 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

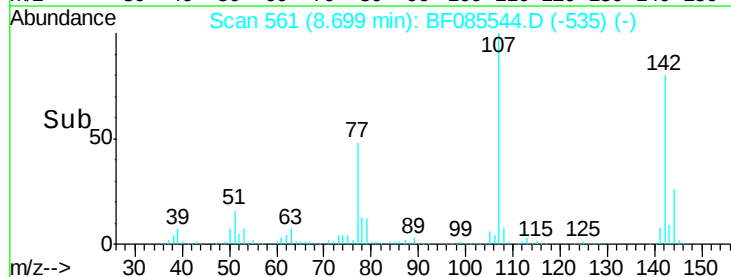
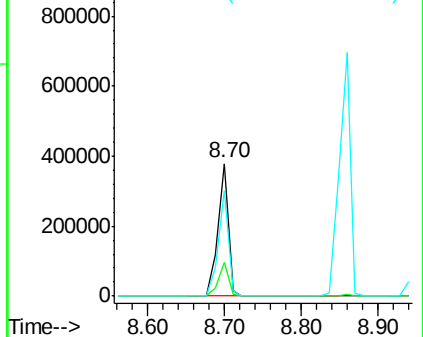
Tgt Ion:	107	Resp:	359954
Ion Ratio	Lower	Upper	
107	100		
144	25.6	19.3	28.9
142	79.6	61.4	92.0

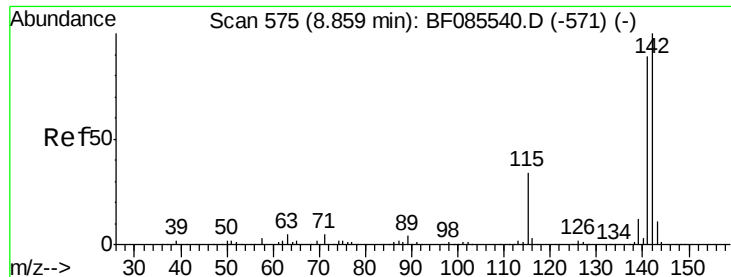


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





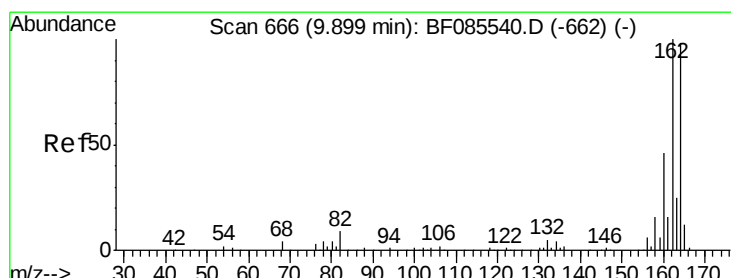
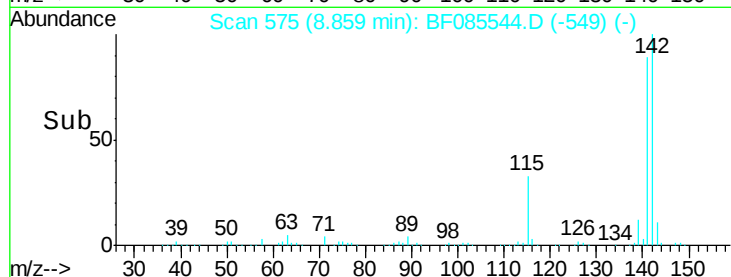
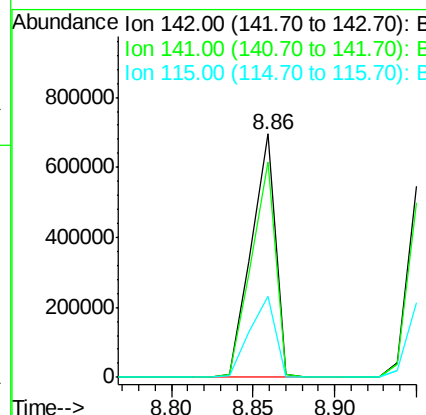
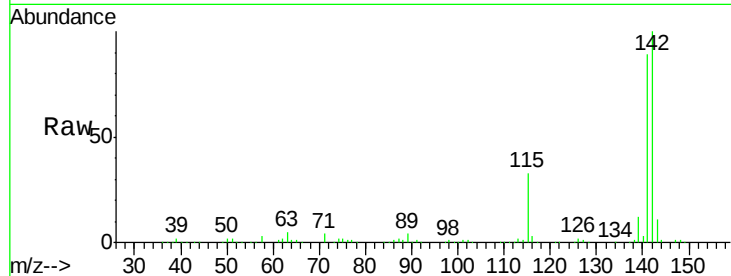
#37
 2-Methylnaphthalene
 Concen: 42.74 ng
 RT: 8.86 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	718765		
141	88.6		71.6	107.4
115	33.1		26.8	40.2

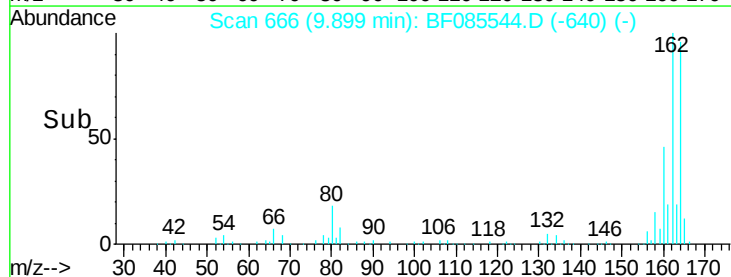
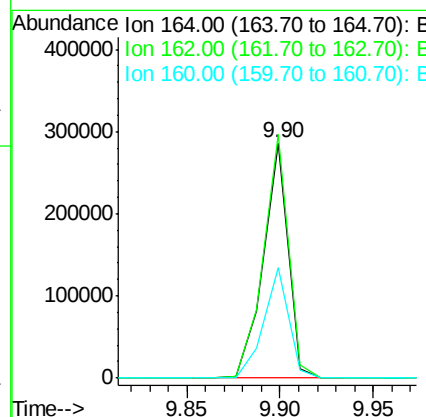
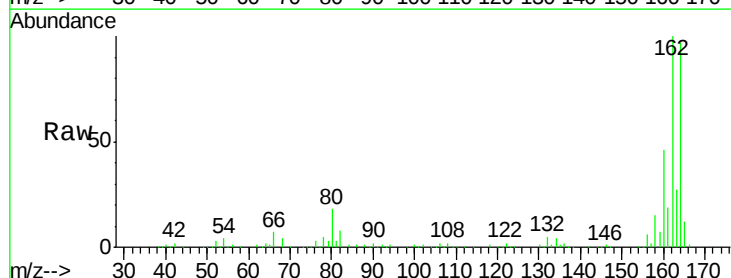
Manual Integrations
 APPROVED

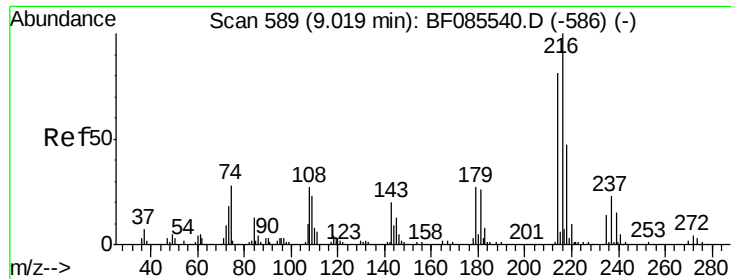
apatel
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	261968		
162	103.5		82.1	123.1
160	47.2		37.4	56.2





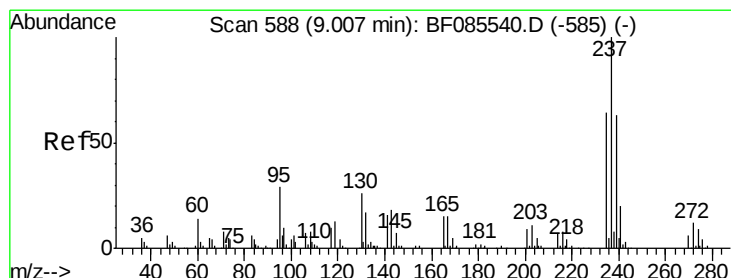
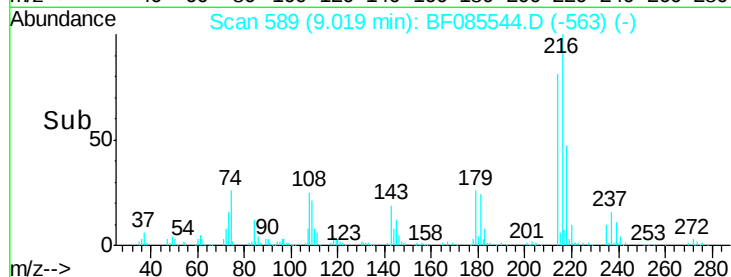
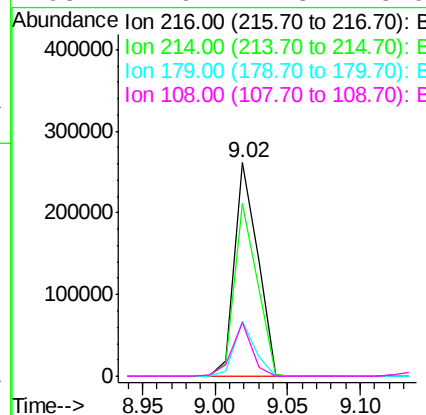
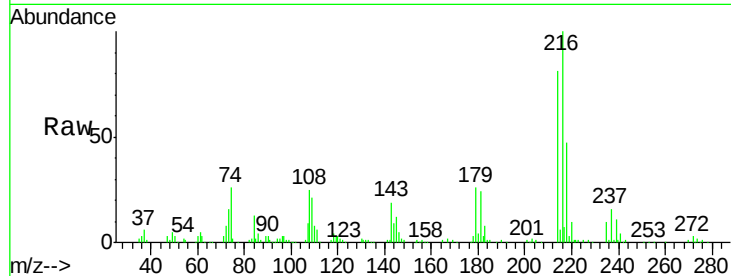
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.63 ng
 RT: 9.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	291079		
214	79.3	63.1	94.7	
179	22.9	18.2	27.2	
108	21.9	17.3	25.9	

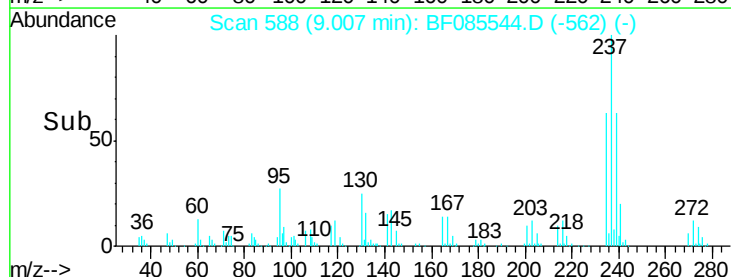
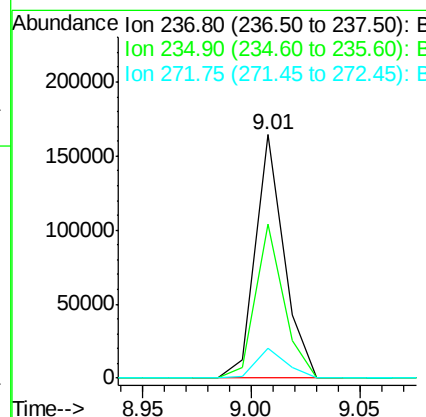
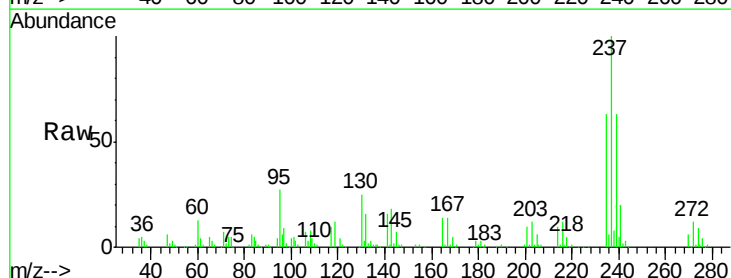
Manual Integrations
 APPROVED

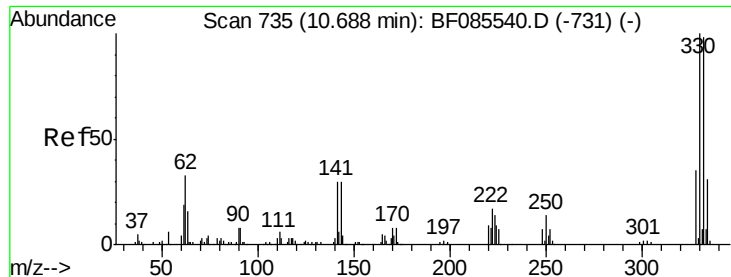
apatel
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#40
 Hexachlorocyclopentadiene
 Concen: 42.02 ng
 RT: 9.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	150491		
235	63.4	43.7	83.7	
272	12.2	0.0	31.9	





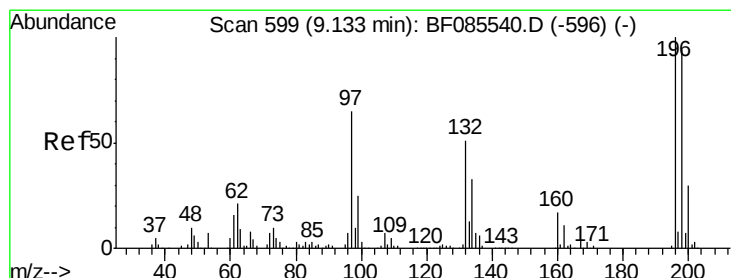
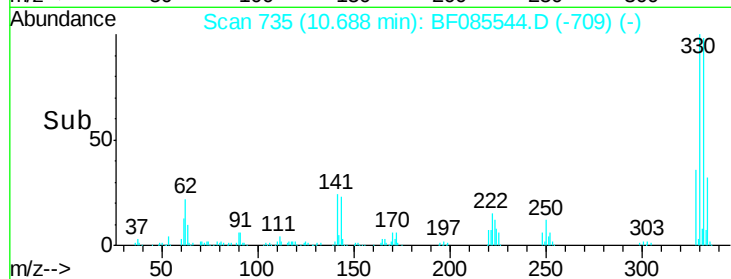
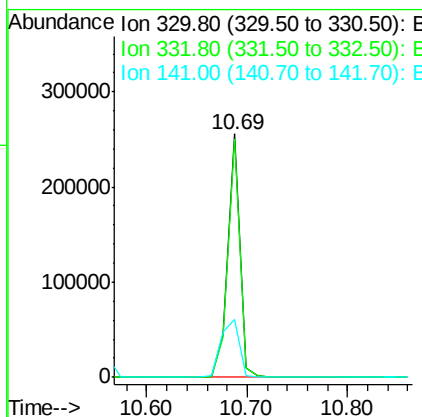
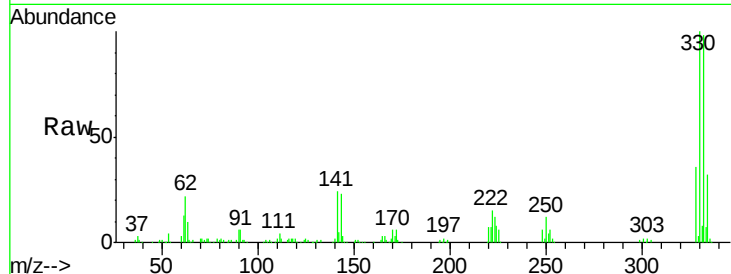
#41
 2,4,6-Tribromophenol
 Concen: 84.29 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216298		
332	97.5	78.2	117.2	
141	35.8	31.5	47.3	

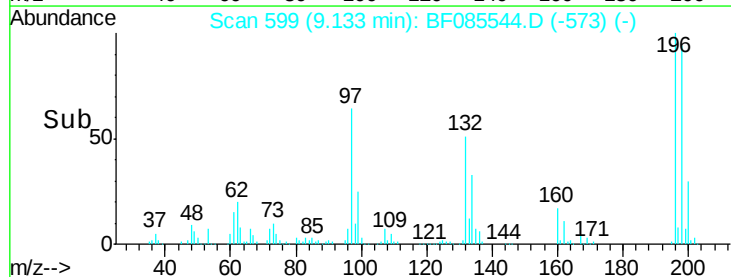
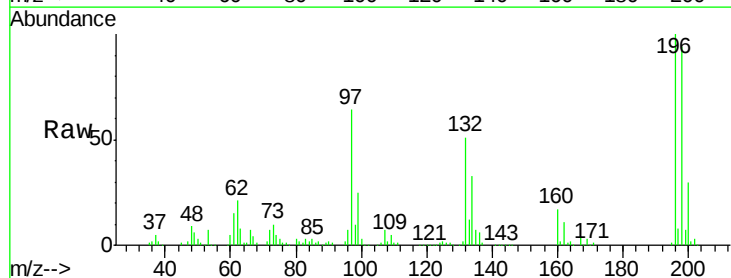
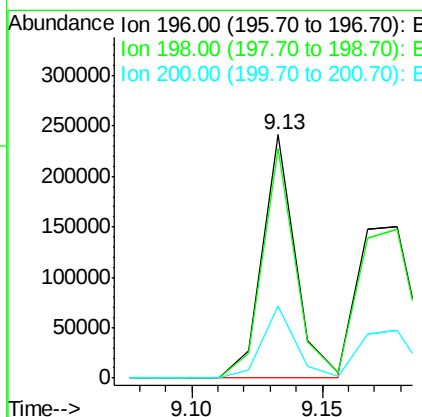
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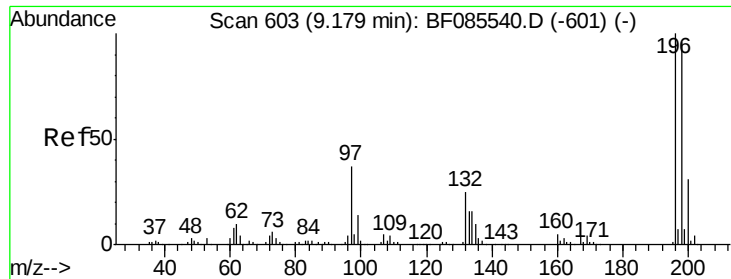
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#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214007		
198	94.3	75.3	112.9	
200	29.6	23.7	35.5	





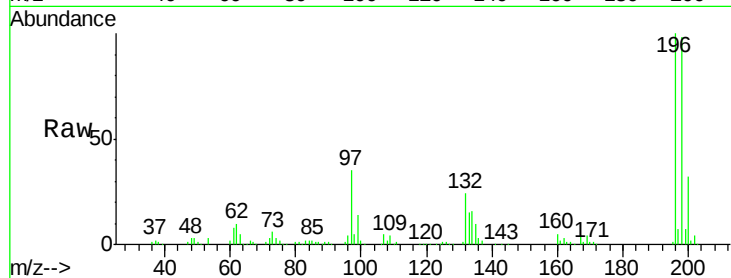
#43
 2,4,5-Trichlorophenol
 Concen: 38.78 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

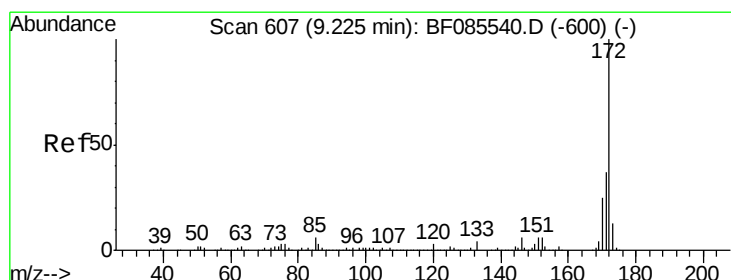
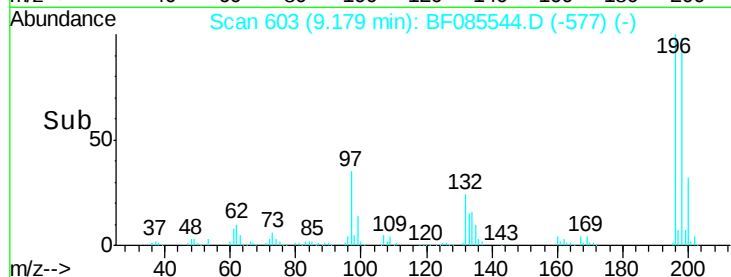
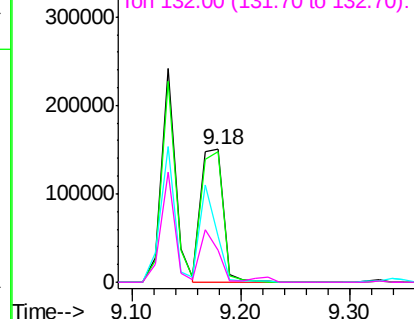
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214679		
198	98.3	76.6	114.8	
97	35.0	30.5	45.7	
132	24.0	20.2	30.2	

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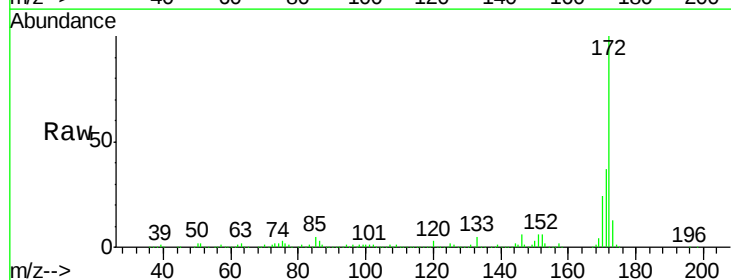


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

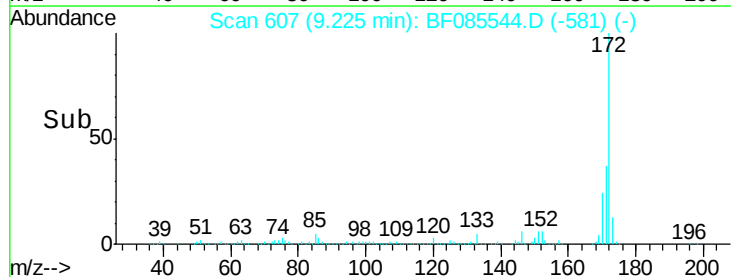
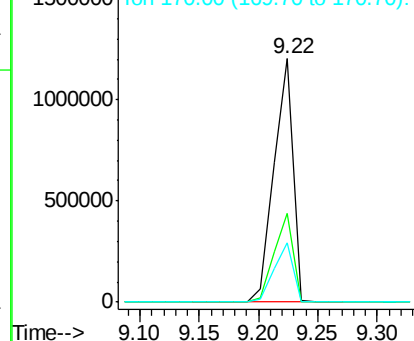


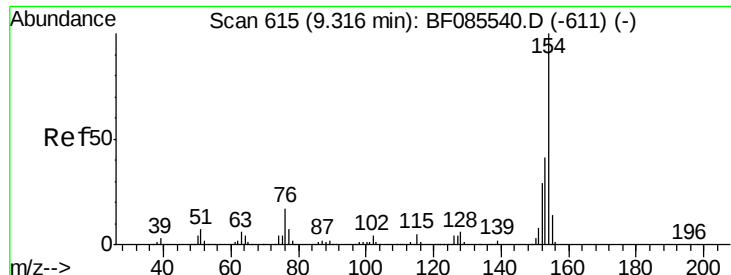
#44
 2-Fluorobiphenyl
 Concen: 88.95 ng
 RT: 9.22 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1350133		
171	36.5	29.4	44.2	
170	24.4	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





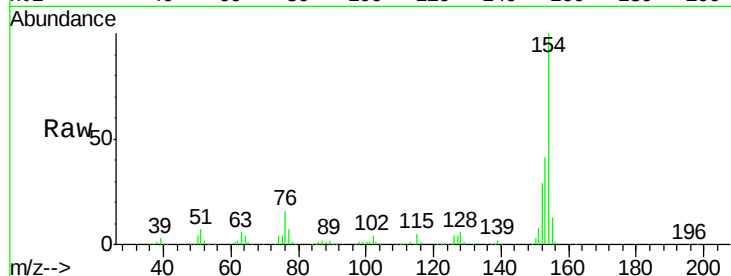
#45
 1,1'-Biphenyl
 Concen: 37.24 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

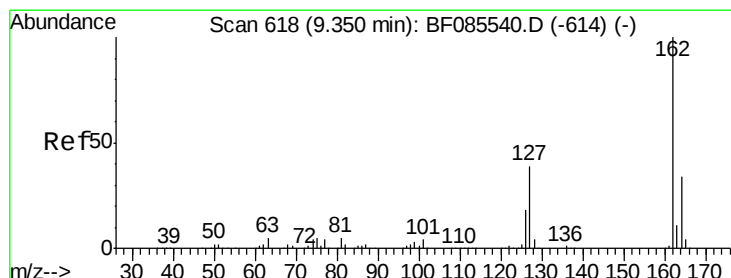
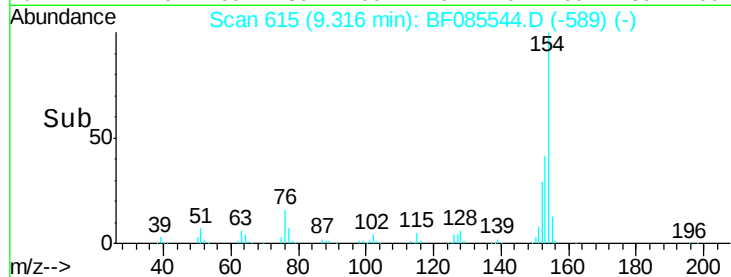
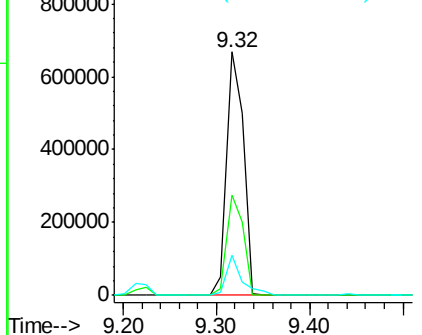
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	841652		
153	41.2	20.8	60.8	
76	16.3	0.0	36.7	

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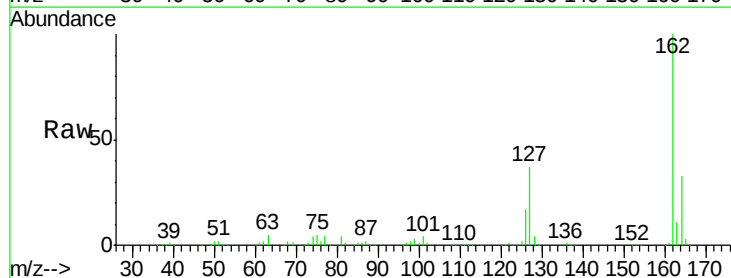


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

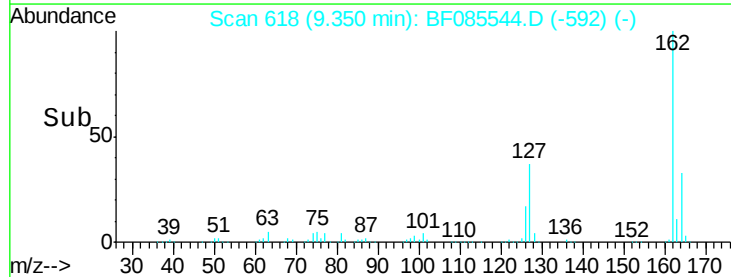
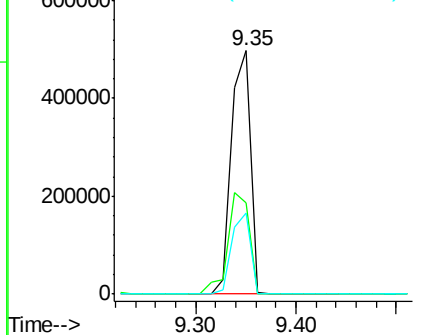


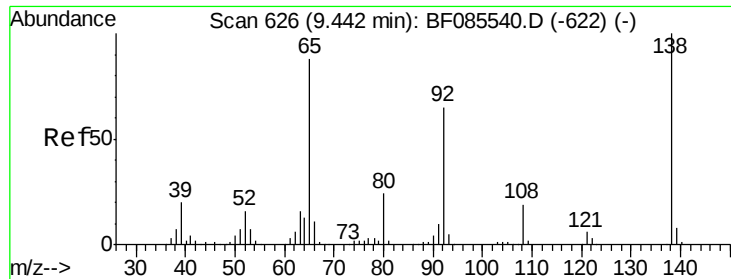
#46
 2-Chloronaphthalene
 Concen: 39.68 ng
 RT: 9.35 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	654992		
127	37.5	31.7	47.5	
164	33.4	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





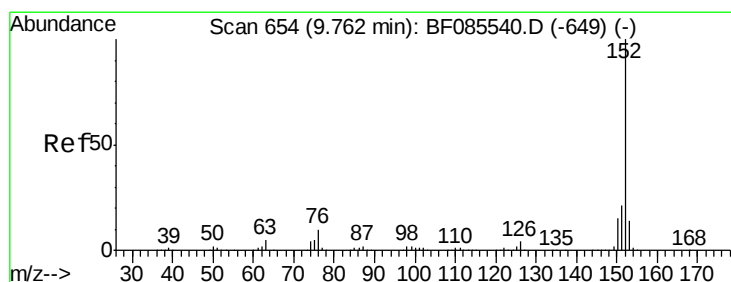
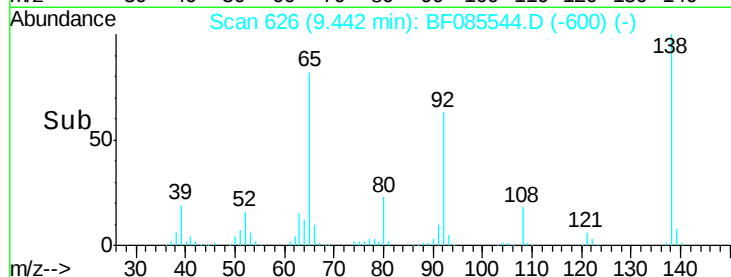
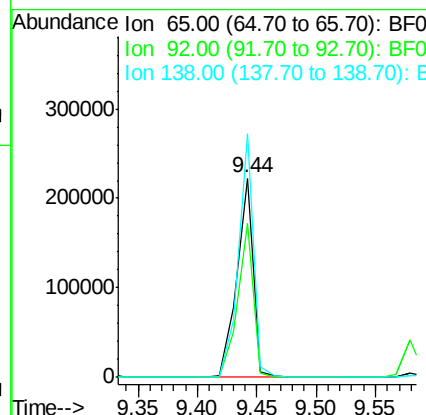
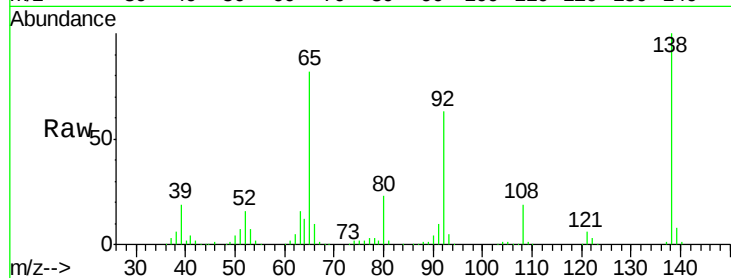
#47
2-Nitroaniline
Concen: 42.78 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.2	59.7	89.5
138	122.2	91.4	137.0

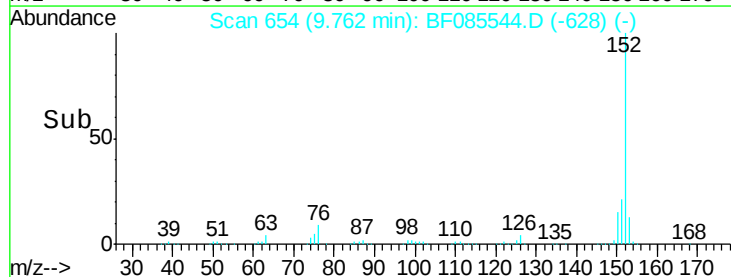
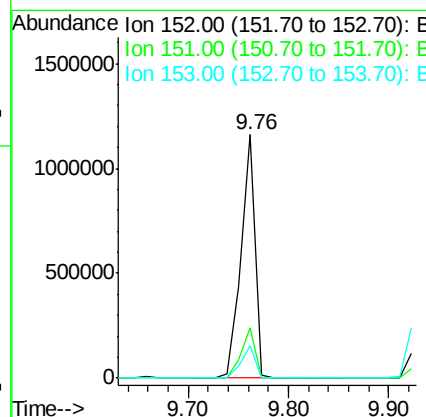
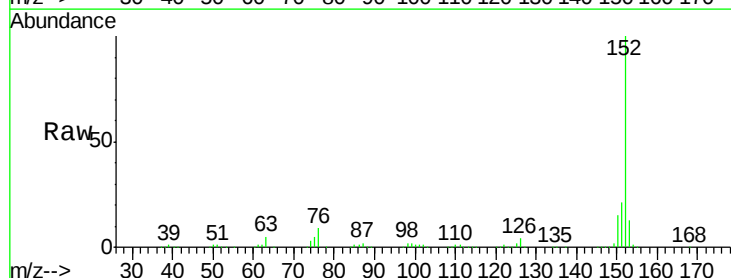
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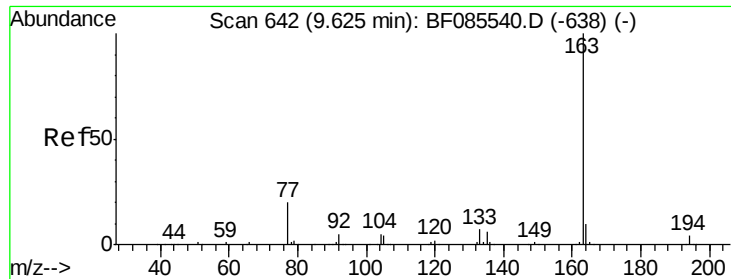
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#48
Acenaphthylene
Concen: 42.04 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.4	10.9	16.3





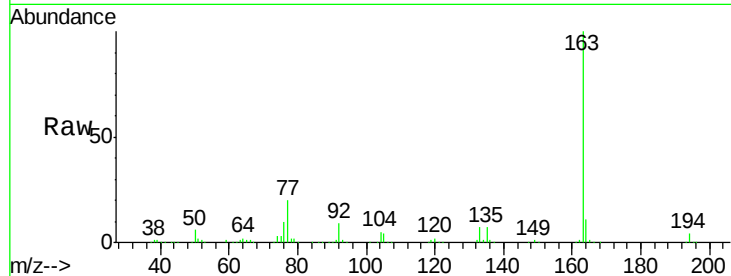
#49
Dimethylphthalate
Concen: 38.47 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

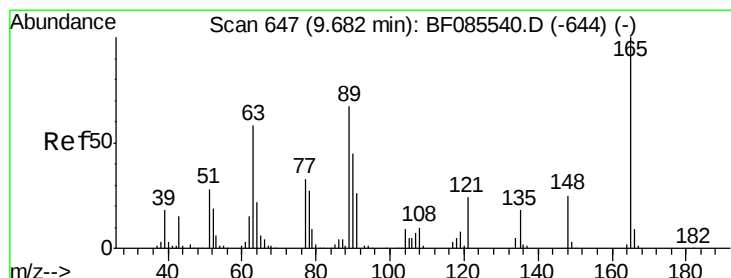
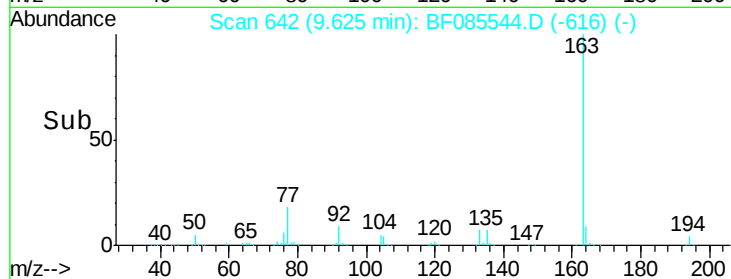
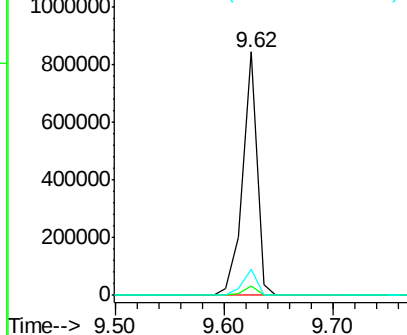
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	10.6	8.3	12.5

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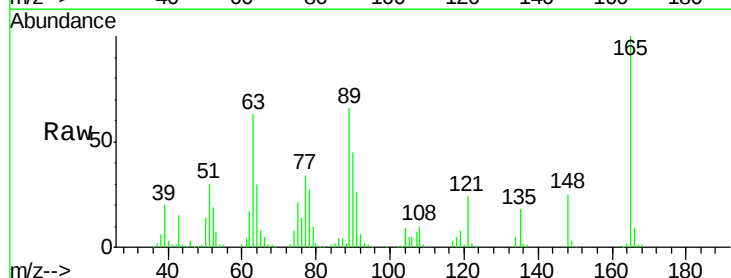


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

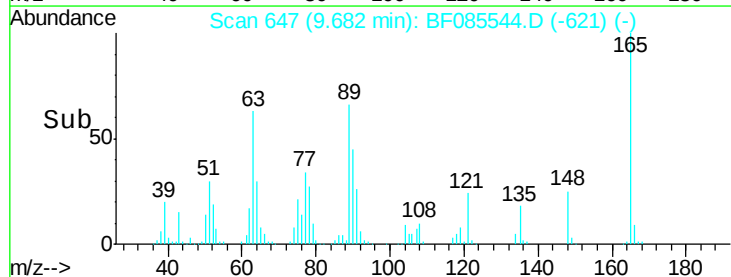
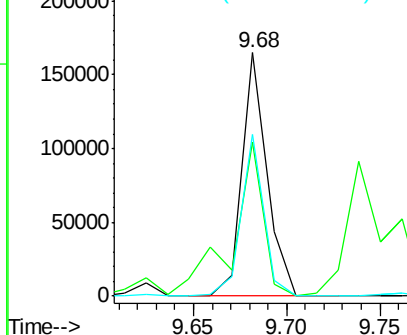


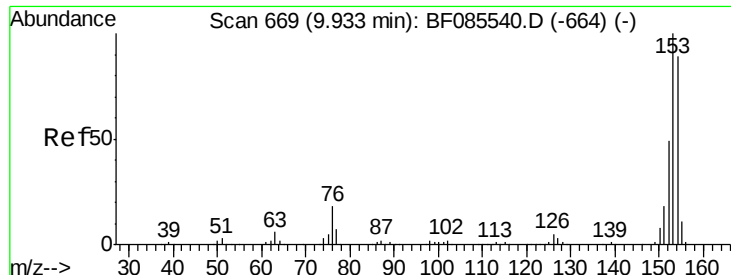
#50
2,6-Dinitrotoluene
Concen: 36.80 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	63.2	51.8	77.8
89	66.4	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





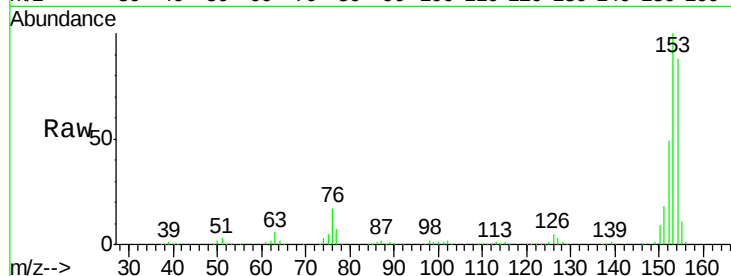
#51
Acenaphthene
Concen: 40.91 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

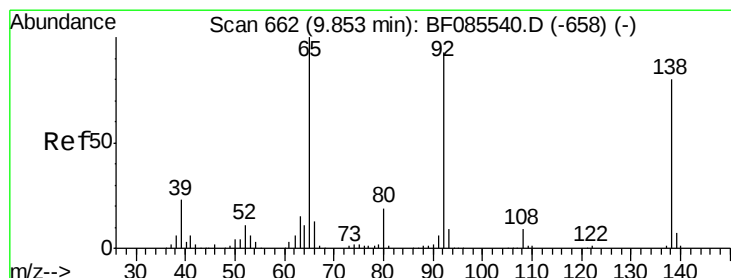
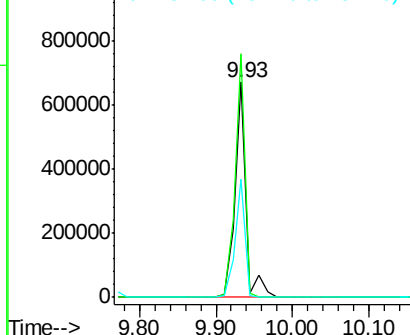
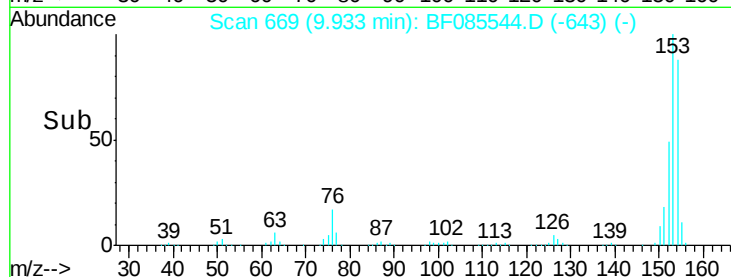
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	685860		
153	113.3	90.1	135.1	
152	55.1	44.2	66.2	

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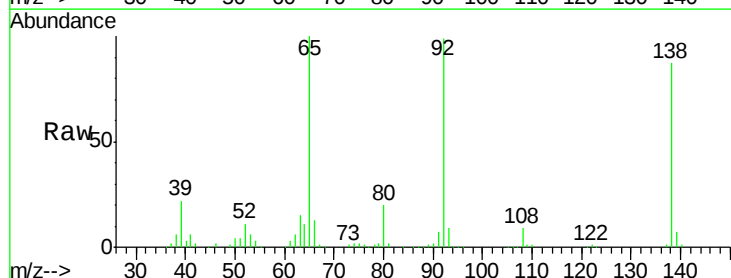


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

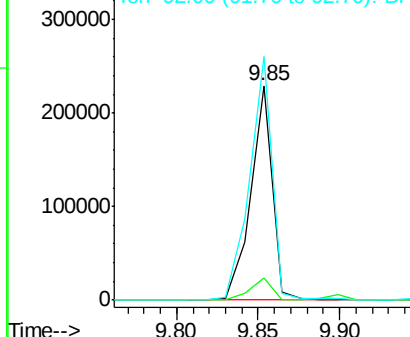
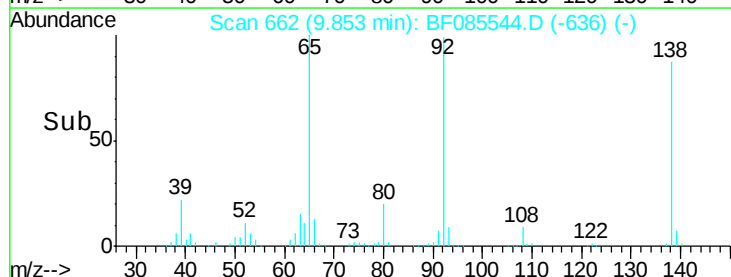


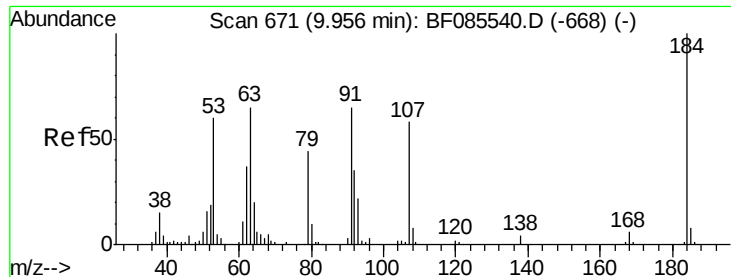
#52
3-Nitroaniline
Concen: 40.12 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	209702		
108	10.6	8.7	13.1	
92	113.7	93.3	139.9	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





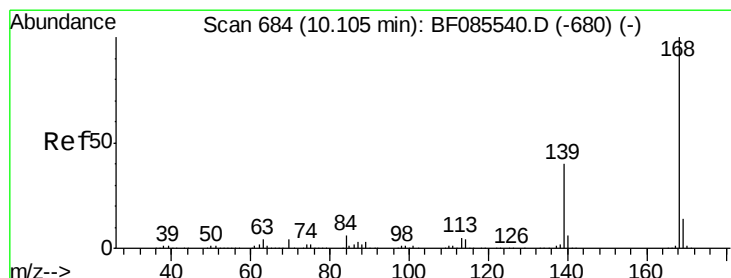
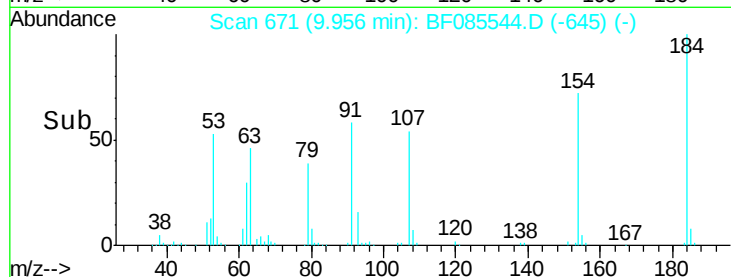
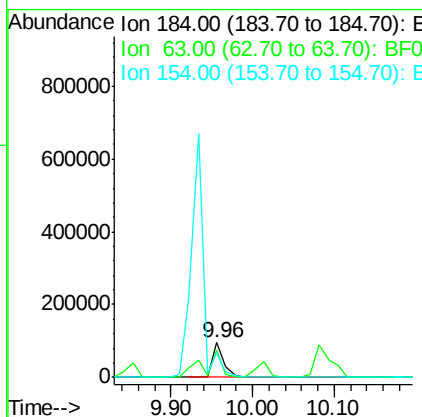
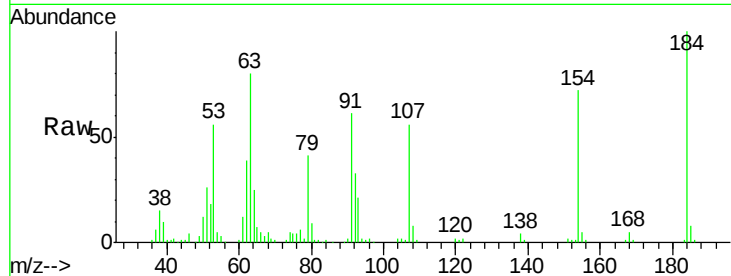
#53
 2,4-Dinitrophenol
 Concen: 37.88 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	96848		
63	79.9	69.5	104.3	
154	72.2	58.3	87.5	

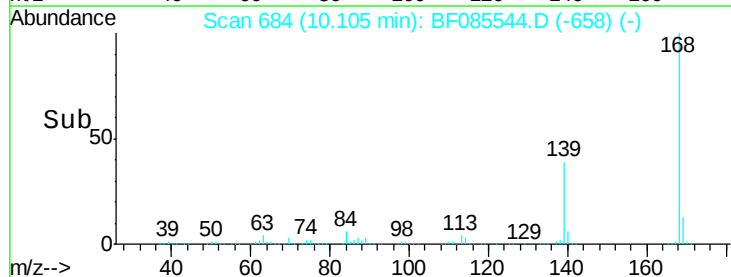
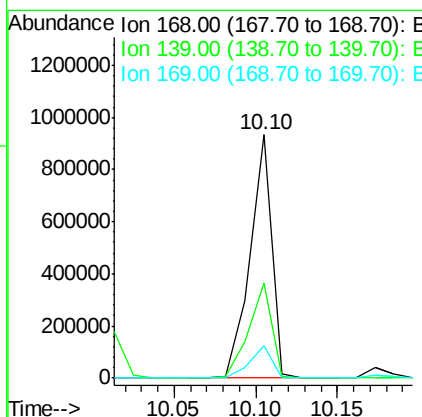
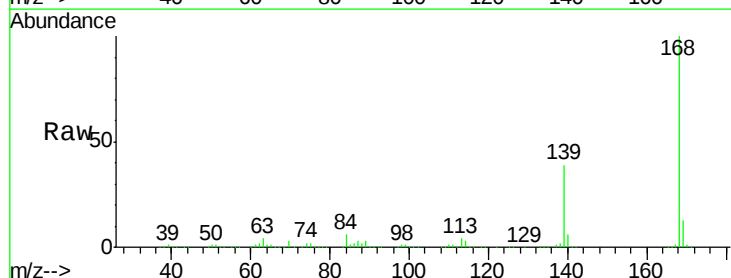
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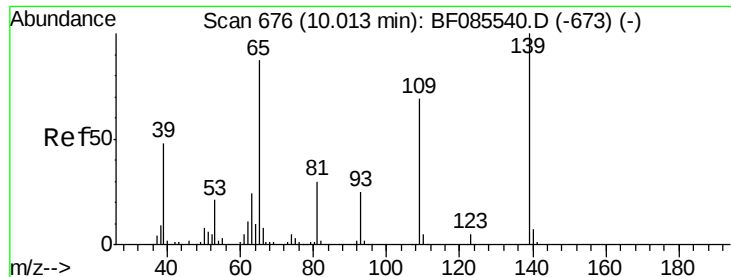
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#54
 Dibenzofuran
 Concen: 42.29 ng
 RT: 10.10 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	863379		
139	39.1	31.9	47.9	
169	13.4	11.0	16.6	





#55

4-Nitrophenol

Concen: 41.98 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085544.D

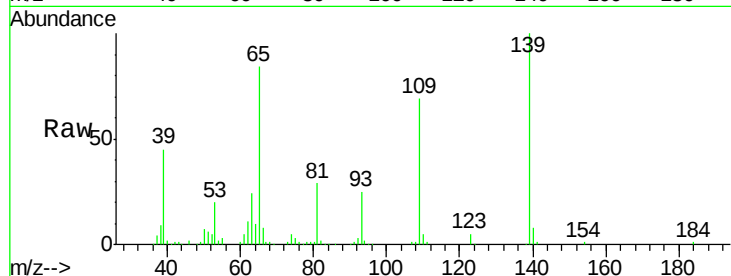
Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

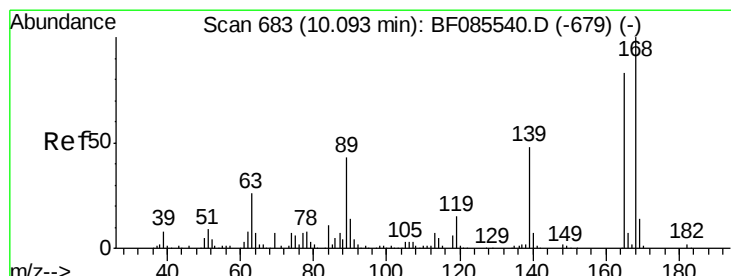
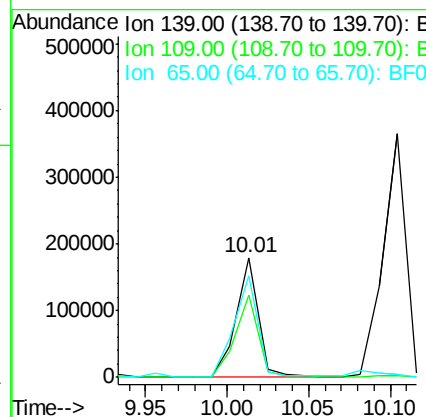
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	169596		
109	68.6	49.2	89.2	
65	84.1	66.9	106.9	

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#56

2,4-Dinitrotoluene

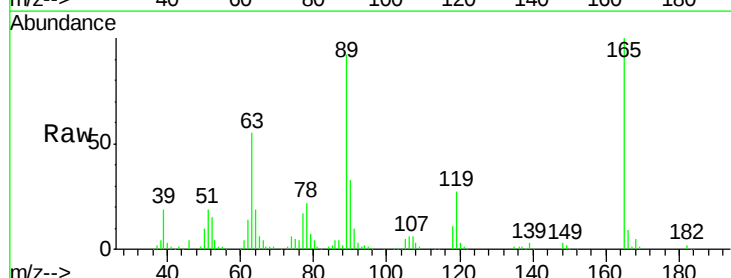
Concen: 39.25 ng

RT: 10.08 min Scan# 682

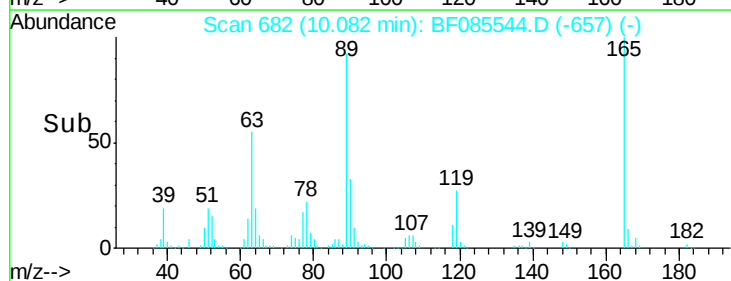
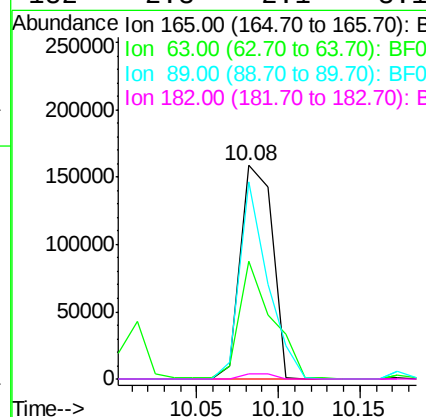
Delta R.T. -0.01 min

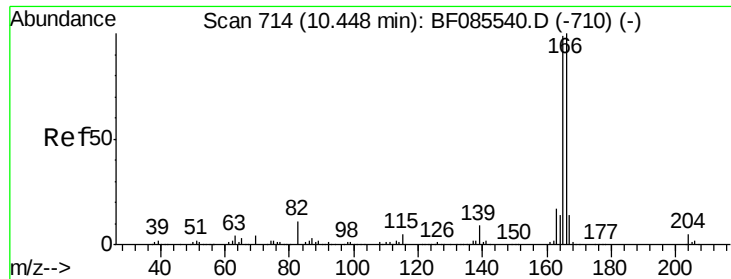
Lab File: BF085544.D

Acq: 19 Mar 2016 00:34



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214460		
63	55.4	24.9	37.3#	
89	92.3	41.0	61.6#	
182	2.3	2.1	3.1	





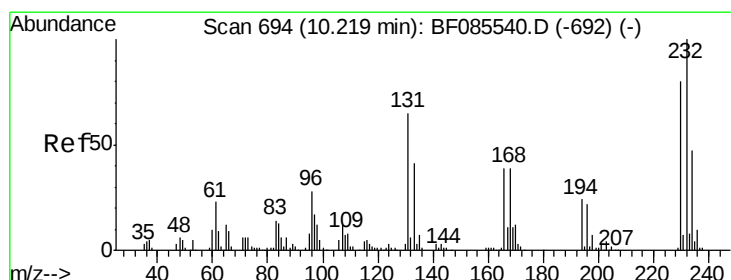
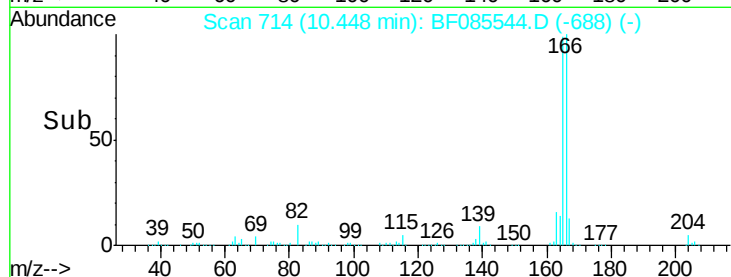
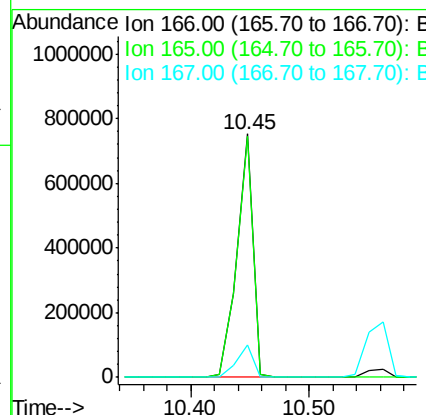
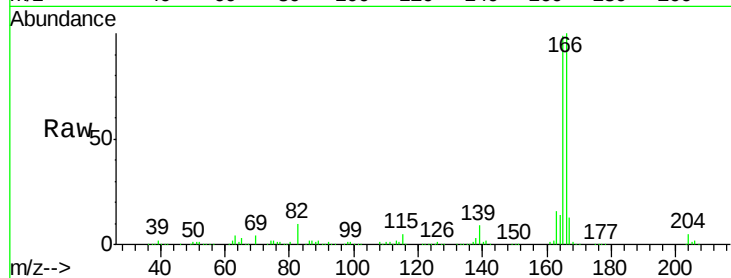
#57
Fluorene
 Concen: 41.90 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.0
167	13.4	11.0	16.4

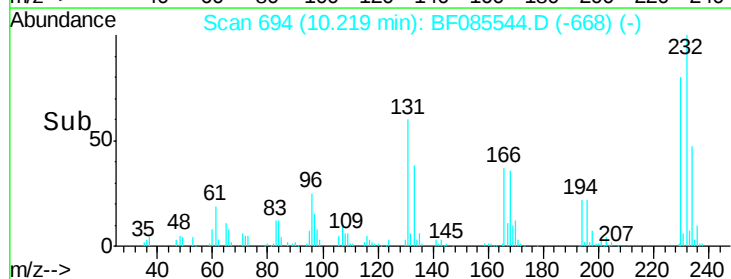
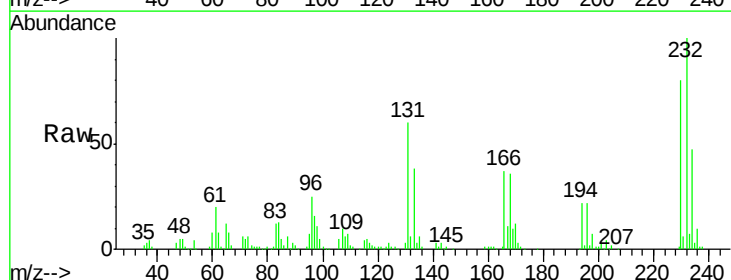
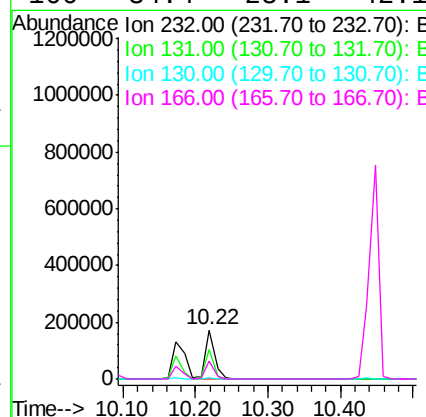
Manual Integrations
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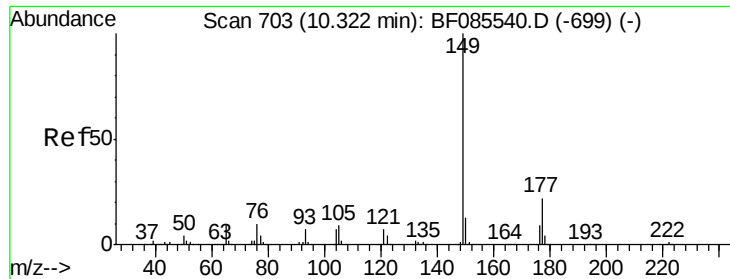
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.35 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.7	44.9	67.3
130	2.9	2.3	3.5
166	34.4	28.1	42.1





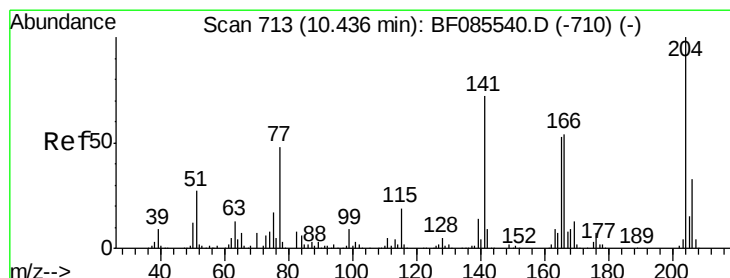
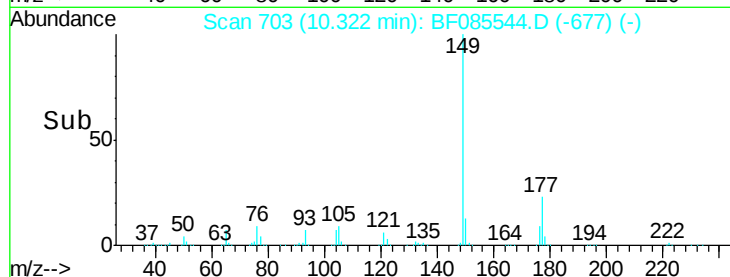
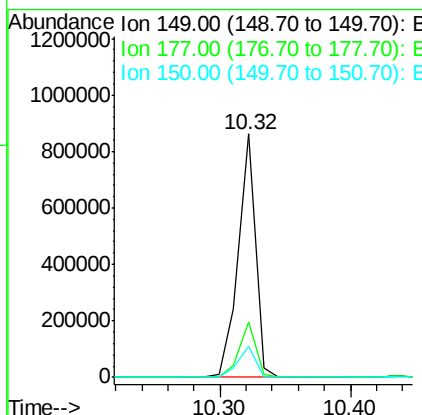
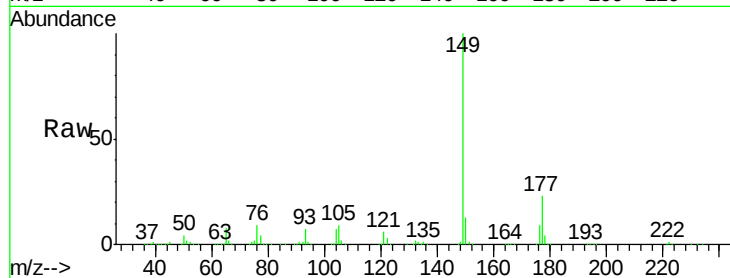
#59
Diethylphthalate
Concen: 40.06 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	787303		
177	22.7	17.9	26.9	
150	12.8	10.2	15.2	

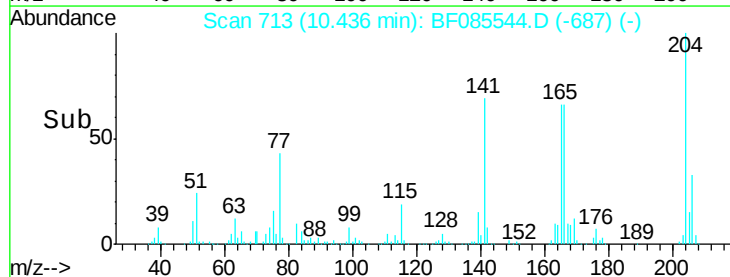
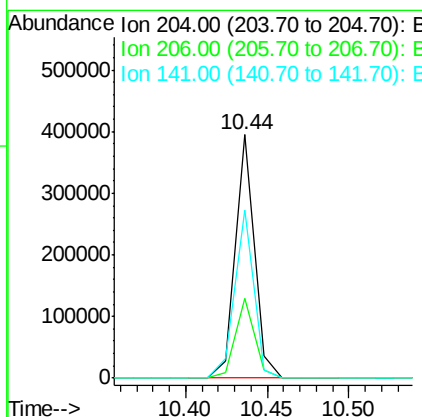
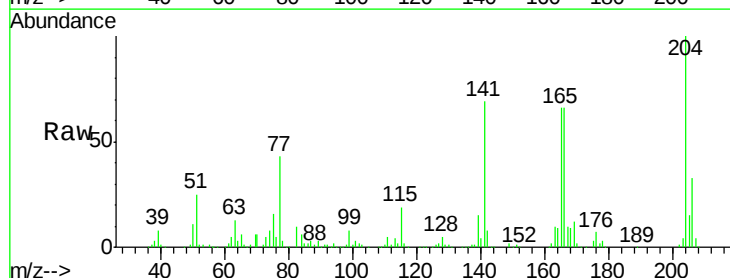
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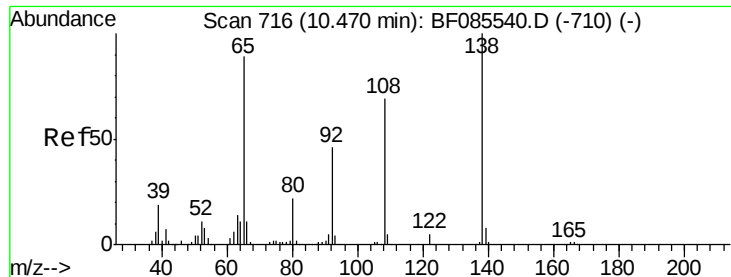
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#60
4-Chlorophenyl-phenylether
Concen: 37.98 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	315557		
206	32.6	26.6	39.8	
141	69.0	57.4	86.0	





#61

4-Nitroaniline

Concen: 42.09 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085544.D

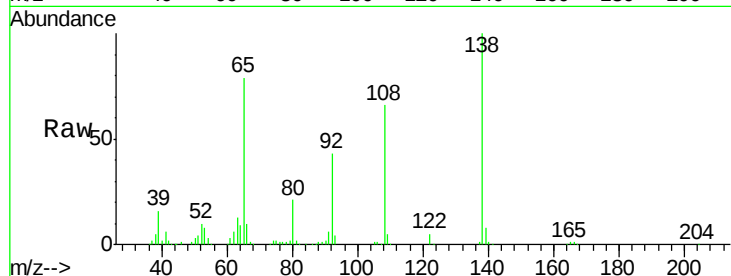
Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

ICVBF031816



Tgt Ion: 138 Resp: 216877

Ion Ratio Lower Upper

138 100

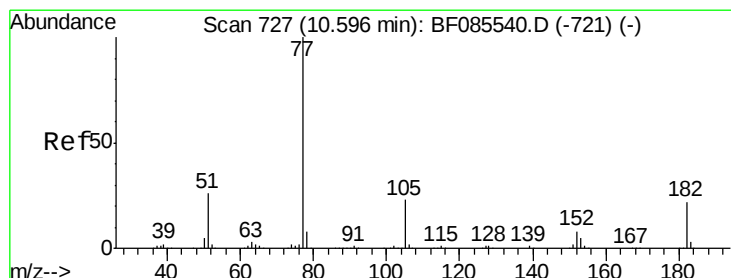
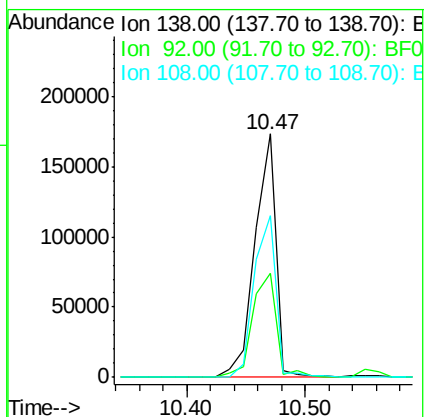
92 43.0 26.4 66.4

108 66.3 49.0 89.0

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#62

Azobenzene

Concen: 39.67 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion: 77 Resp: 748154

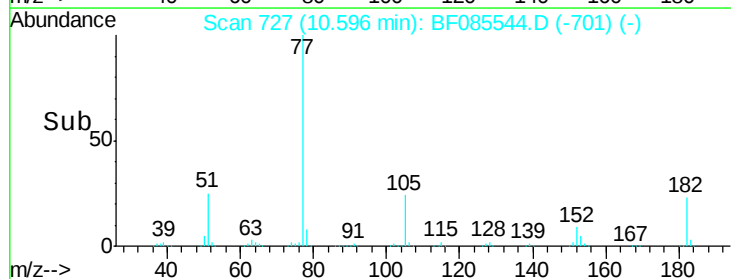
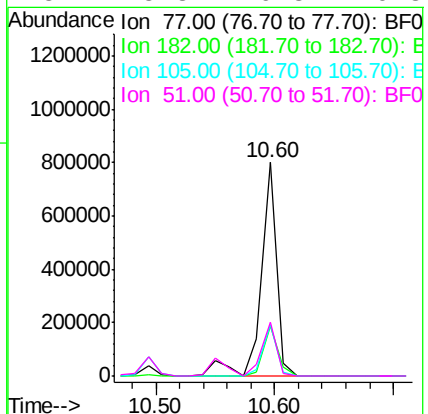
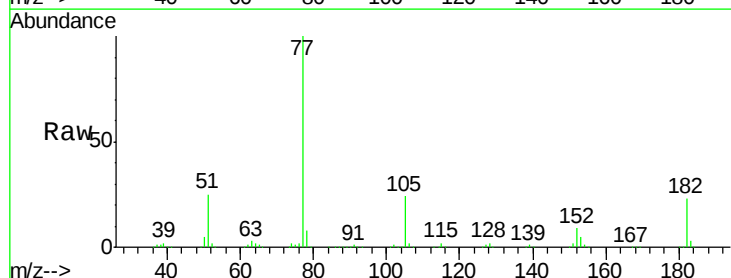
Ion Ratio Lower Upper

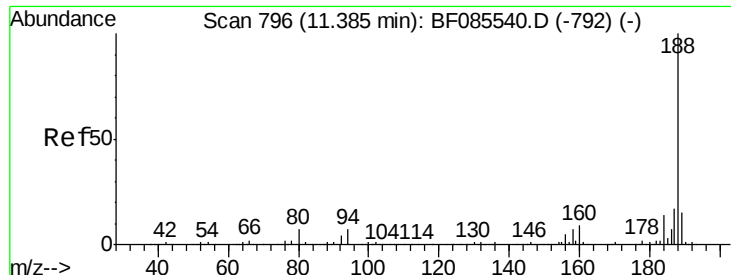
77 100

182 23.3 1.9 41.9

105 23.7 3.5 43.5

51 25.3 6.3 46.3





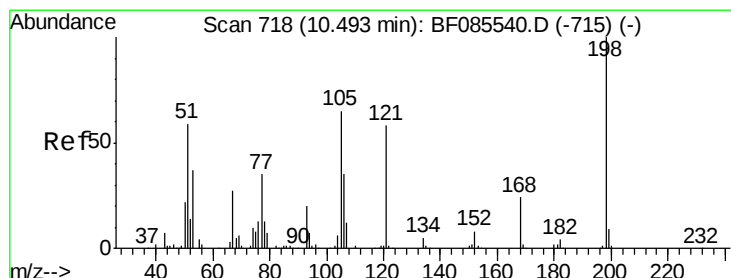
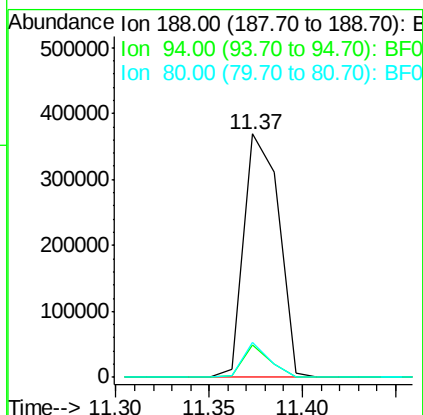
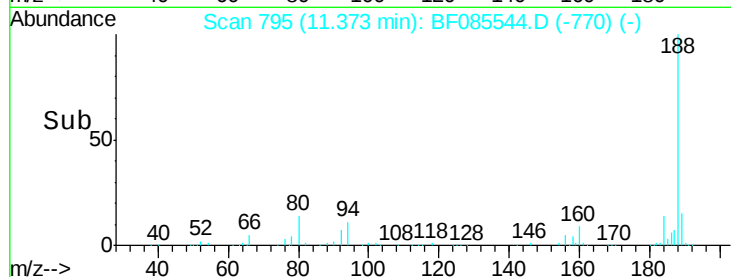
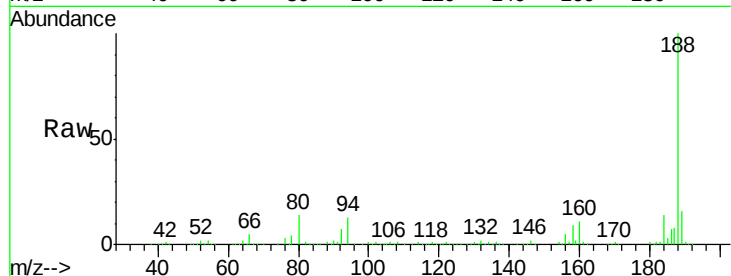
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.3	5.4	8.0#
80	14.3	5.5	8.3#

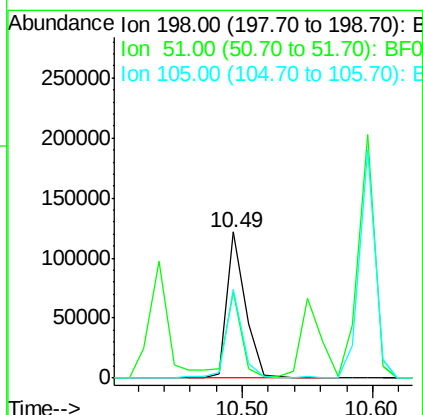
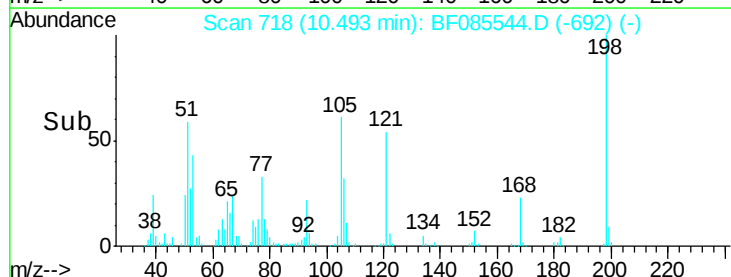
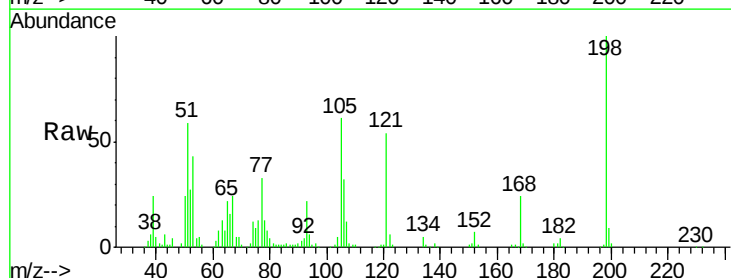
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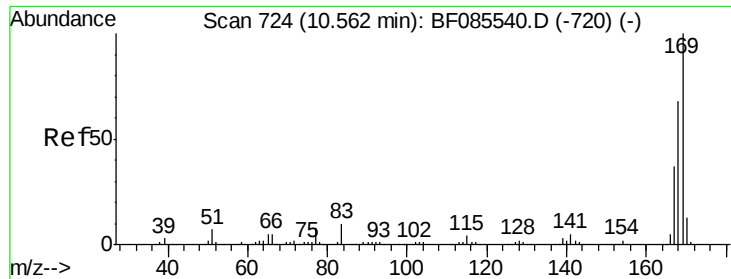
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.17 ng
 RT: 10.49 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.2	45.4	85.4
105	61.1	45.9	85.9





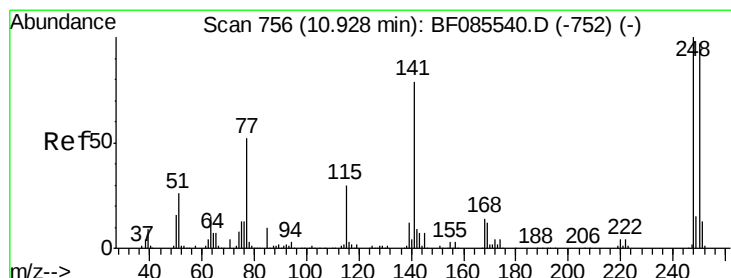
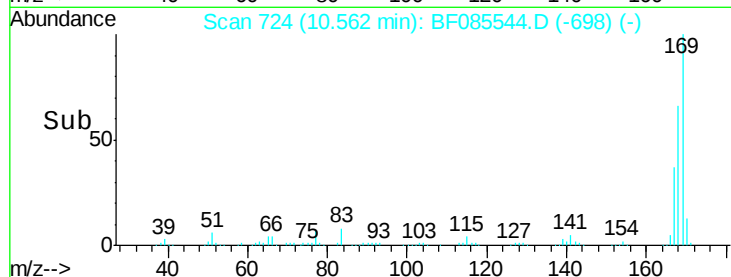
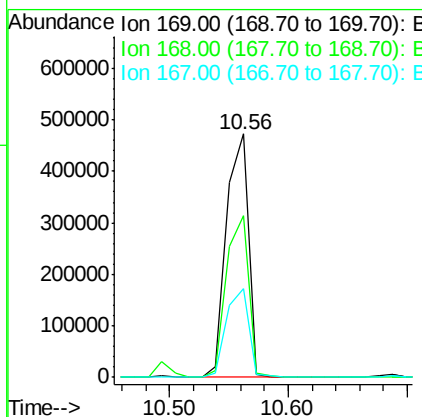
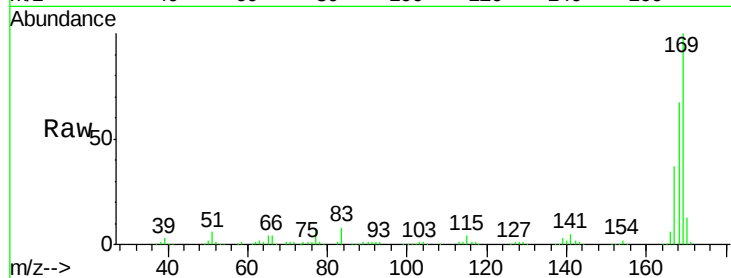
#65
 n-Nitrosodiphenylamine
 Concen: 40.38 ng
 RT: 10.56 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	604106		
168	66.6	54.4	81.6	
167	36.7	29.4	44.0	

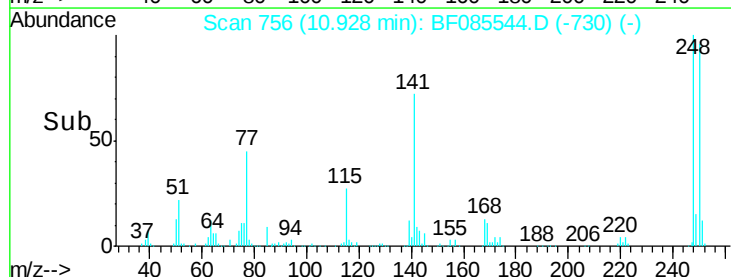
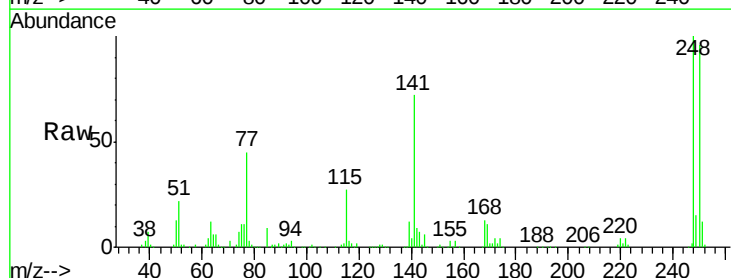
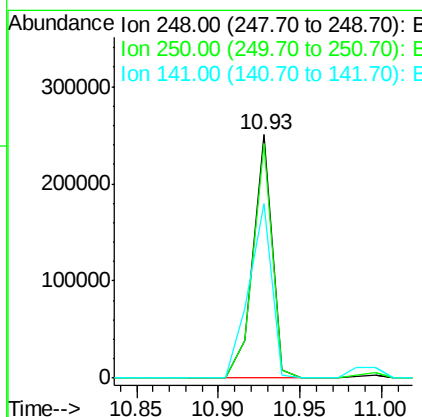
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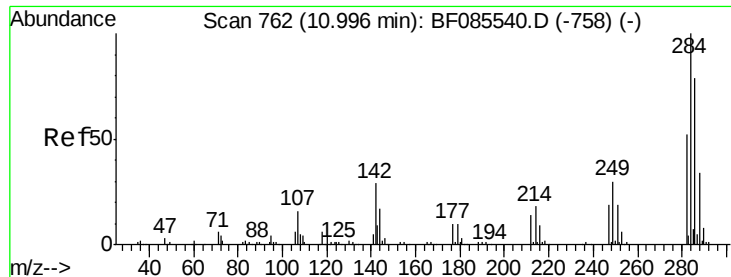
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#66
 4-Bromophenyl-phenylether
 Concen: 42.77 ng
 RT: 10.93 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	205194		
250	96.4	77.4	116.0	
141	71.9	63.6	95.4	





#67

Hexachlorobenzene

Concen: 42.69 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085544.D

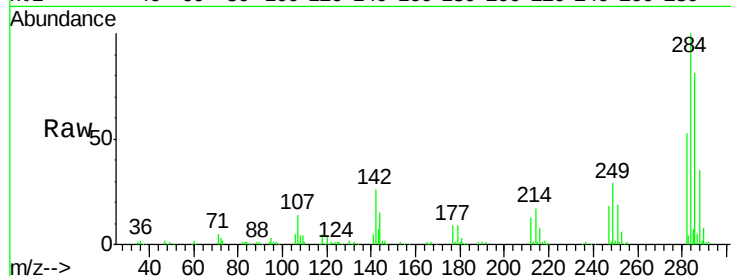
Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

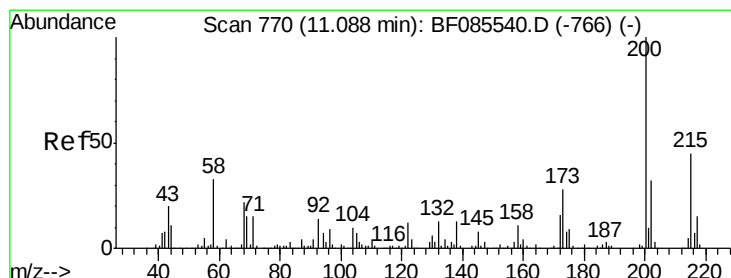
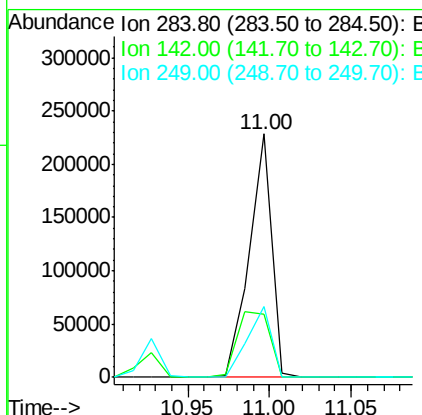
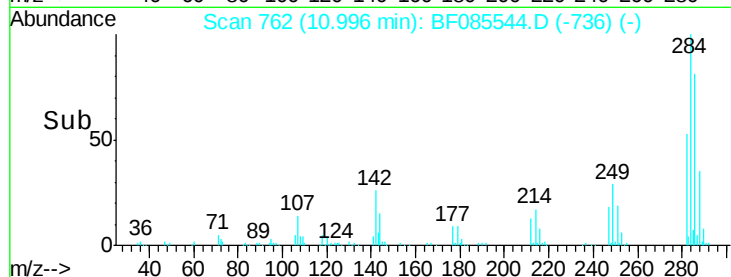
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Tgt Ion:	284	Resp:	217610
Ion Ratio	Lower	Upper	
284	100		
142	26.1	23.1	34.7
249	29.3	24.2	36.2

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#68

Atrazine

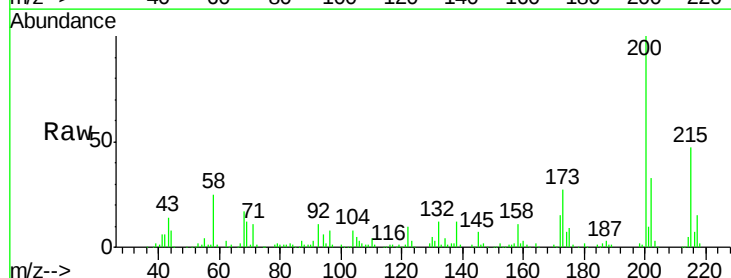
Concen: 43.22 ng

RT: 11.09 min Scan# 770

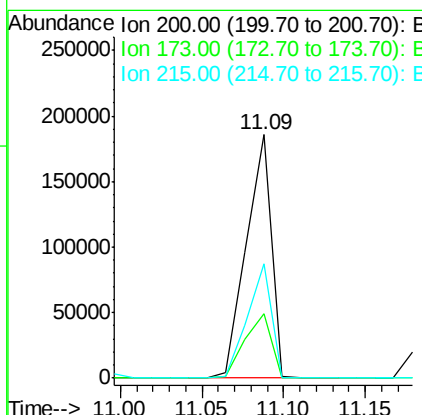
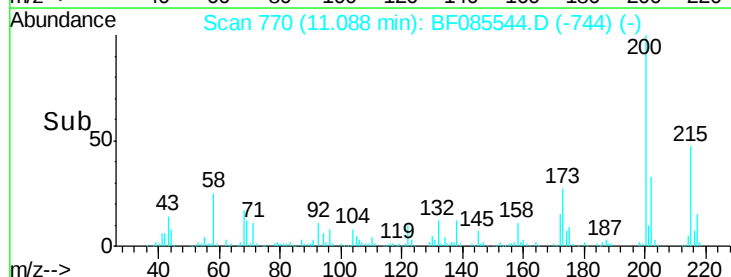
Delta R.T. 0.00 min

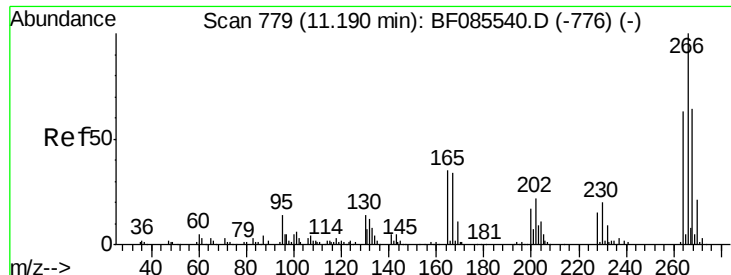
Lab File: BF085544.D

Acq: 19 Mar 2016 00:34



Tgt Ion:	200	Resp:	196866
Ion Ratio	Lower	Upper	
200	100		
173	26.6	7.7	47.7
215	46.8	25.4	65.4





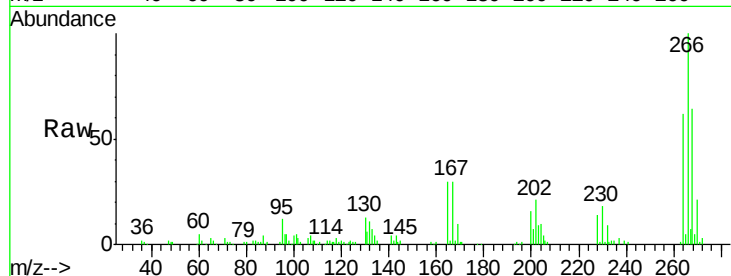
#69
 Pentachlorophenol
 Concen: 40.24 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

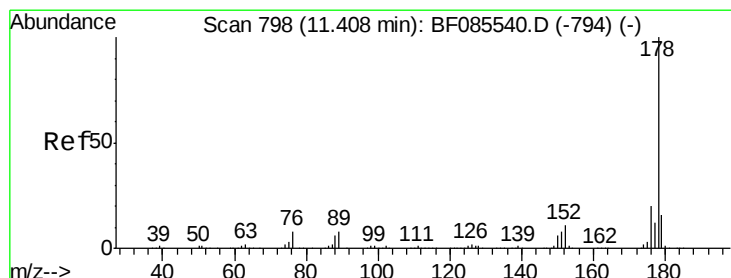
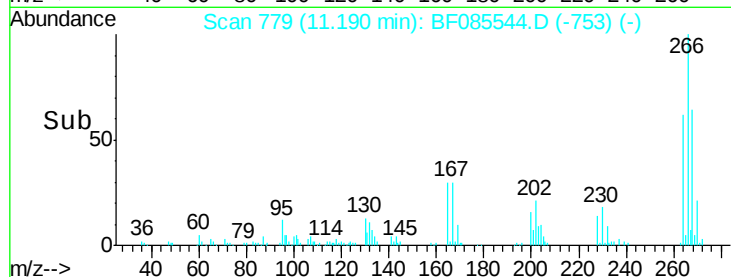
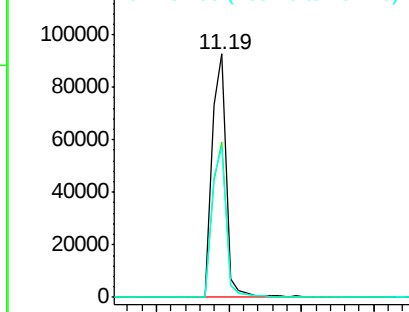
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	124545		
268	63.9	51.5	77.3	
264	61.7	50.6	76.0	

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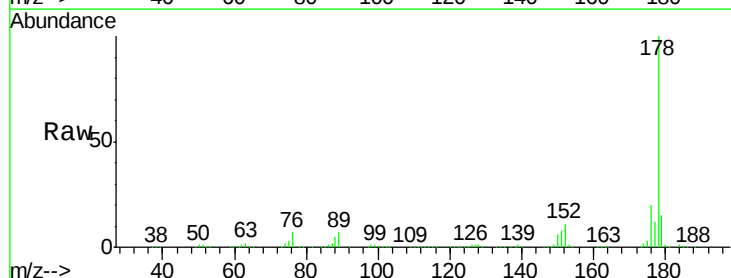


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

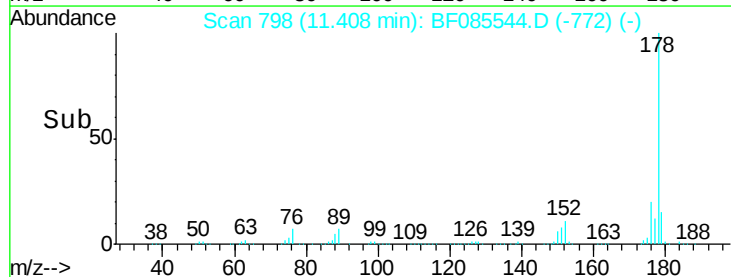
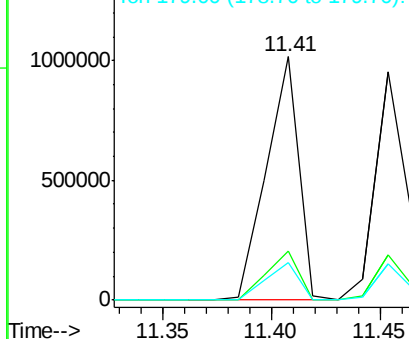


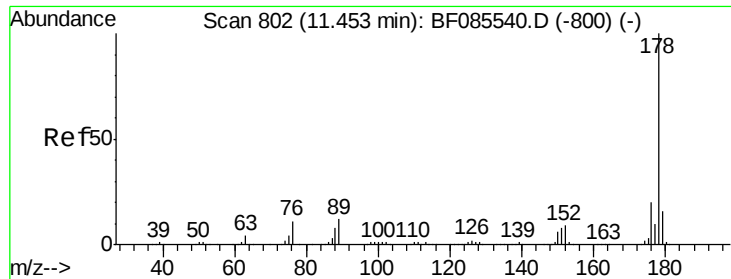
#70
 Phenanthrene
 Concen: 41.90 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1061217		
176	20.2	16.3	24.5	
179	15.4	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





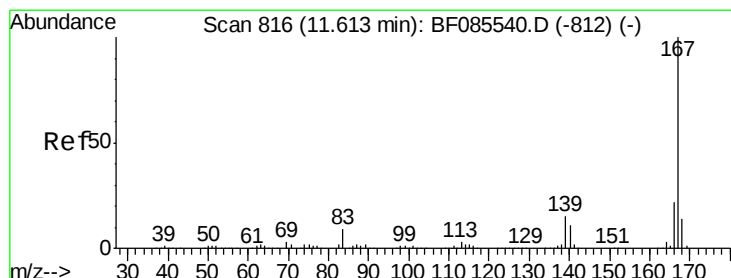
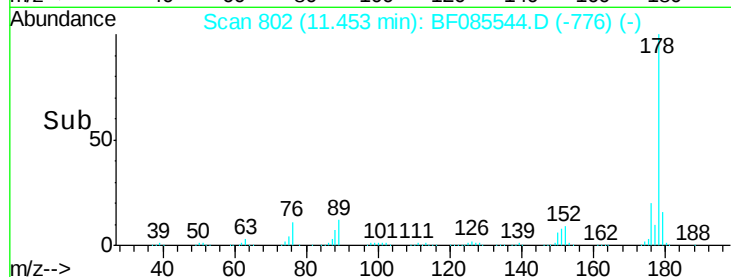
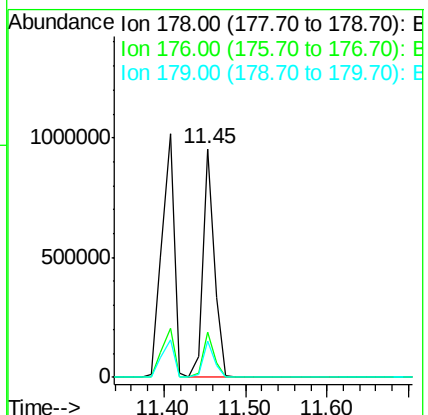
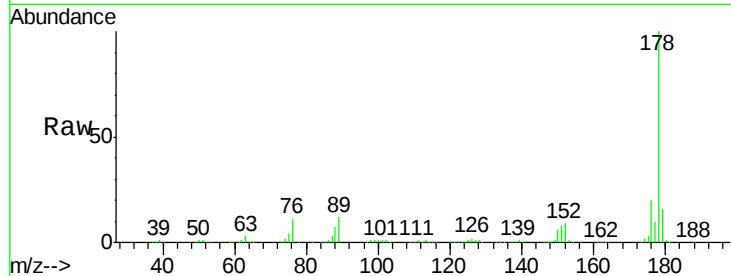
#71
 Anthracene
 Concen: 35.99 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	13.0	19.4

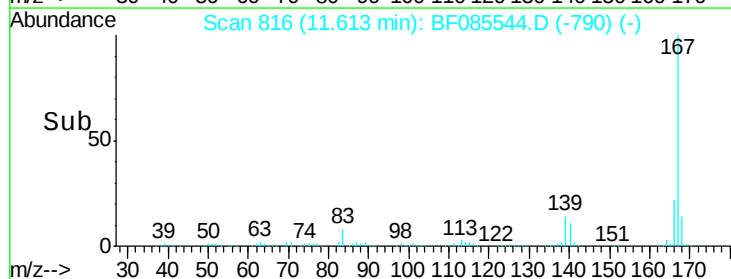
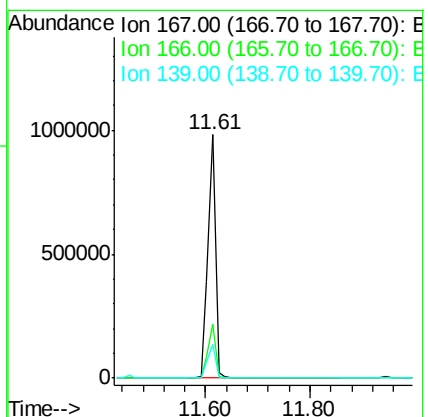
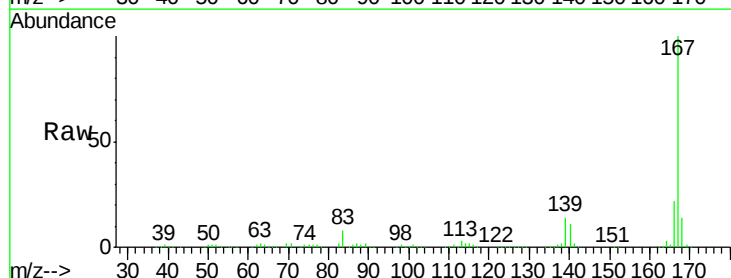
Manual Integrations
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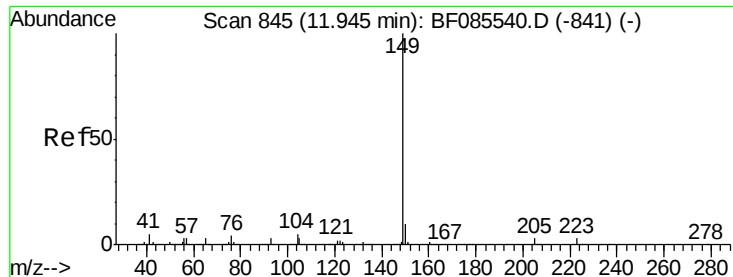
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#72
 Carbazole
 Concen: 42.54 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.9	11.6	17.4





#73

Di-n-butylphthalate

Concen: 42.46 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

ICVBF031816

Tgt Ion:149 Resp: 1218126

Ion Ratio Lower Upper

149 100

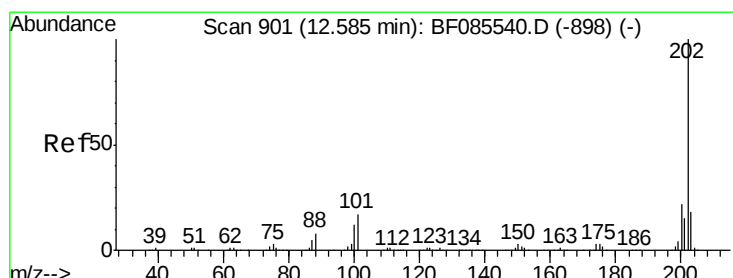
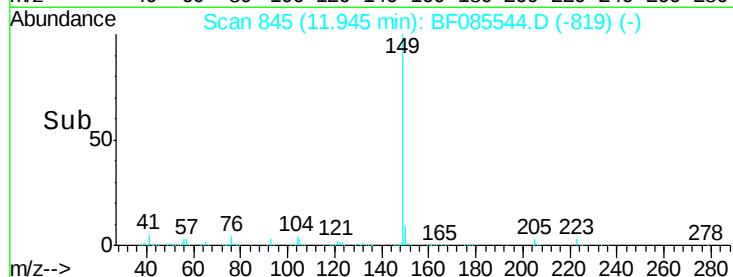
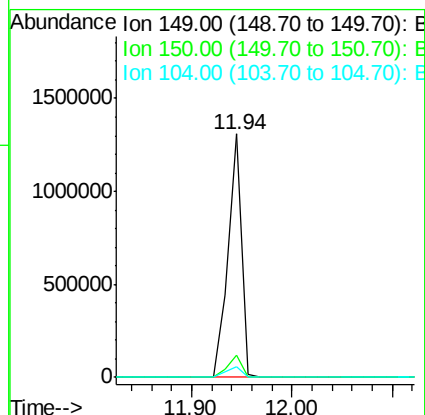
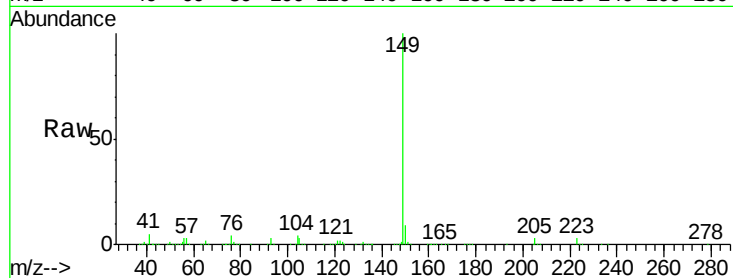
150 9.4 7.6 11.4

104 4.5 3.8 5.8

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#74

Fluoranthene

Concen: 38.21 ng

RT: 12.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

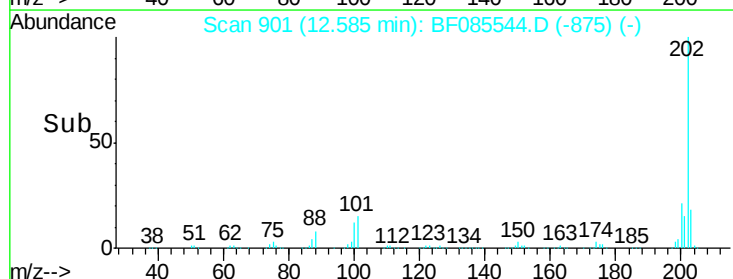
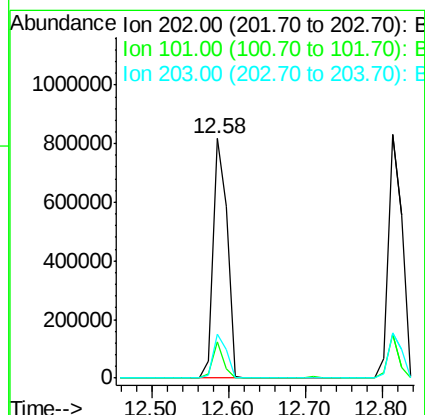
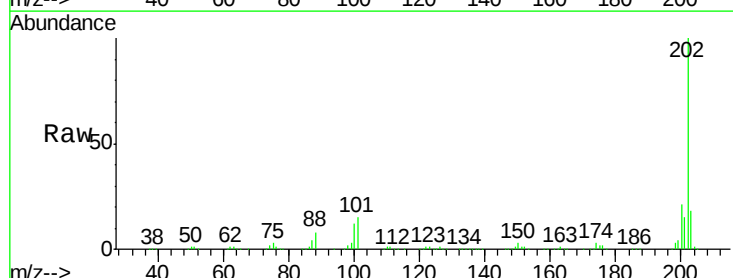
Tgt Ion:202 Resp: 1013168

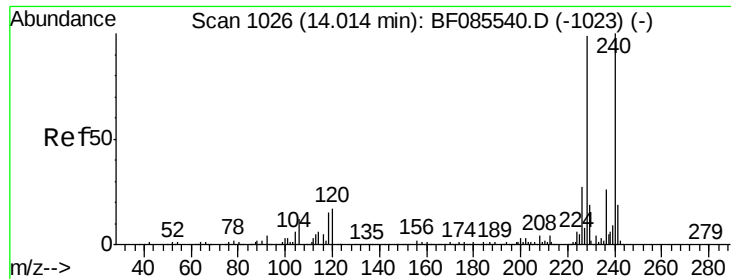
Ion Ratio Lower Upper

202 100

101 15.3 0.0 36.6

203 18.1 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: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

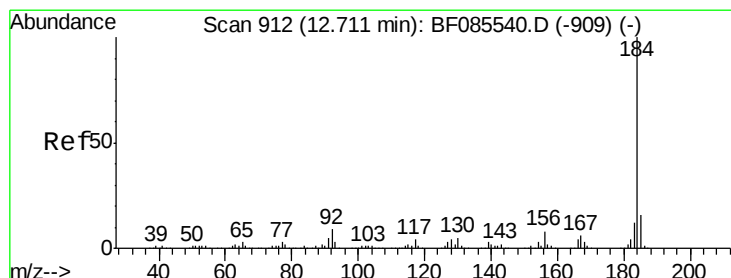
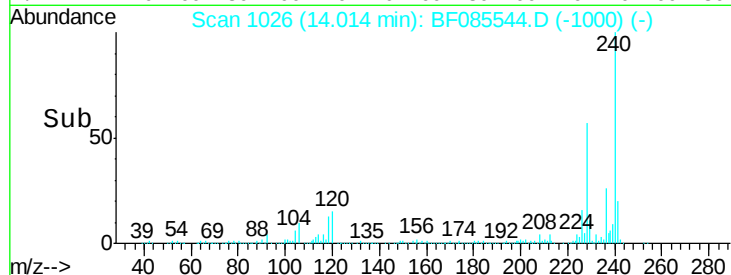
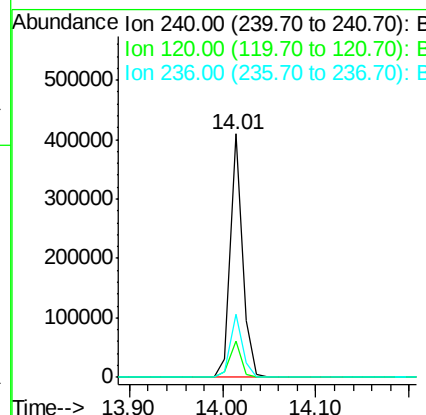
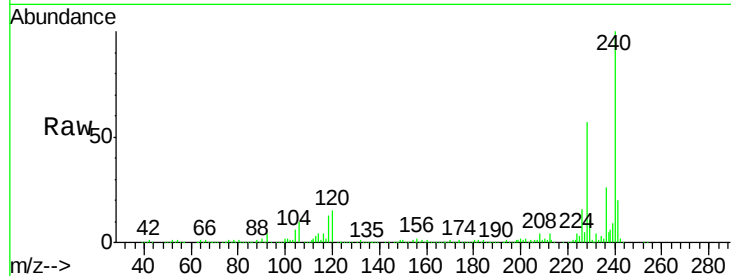
ClientSampleId :

ICVBF031816

Tgt Ion:	240	Resp:	374261
Ion Ratio	Lower	Upper	
240	100		
120	15.1	13.8	20.8
236	26.2	20.6	30.8

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#76

Benzidine

Concen: 38.62 ng

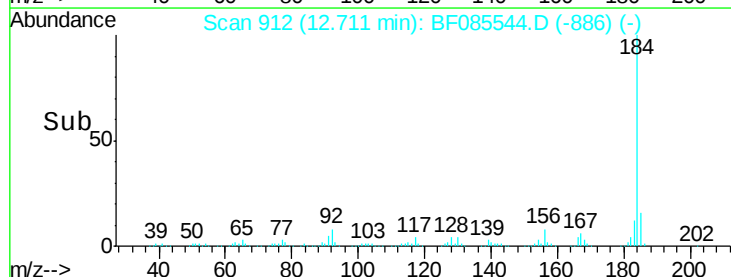
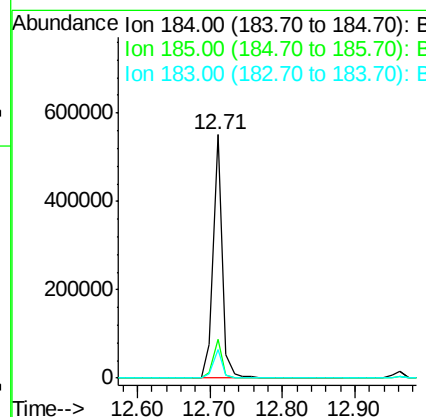
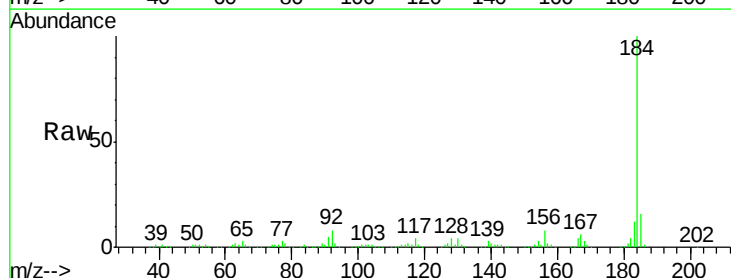
RT: 12.71 min Scan# 912

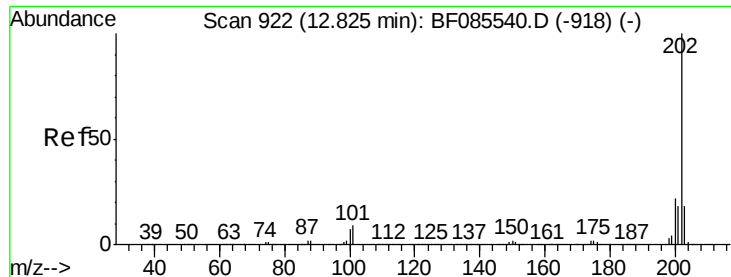
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion:	184	Resp:	486005
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.4	18.6
183	11.8	9.4	14.2





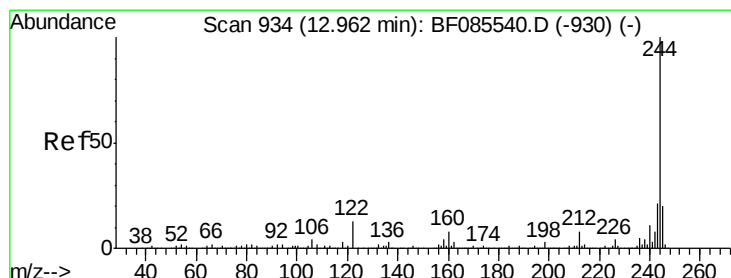
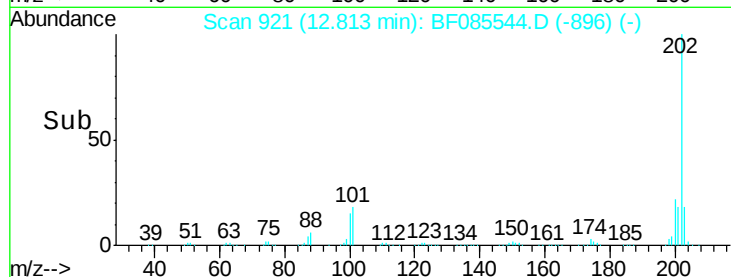
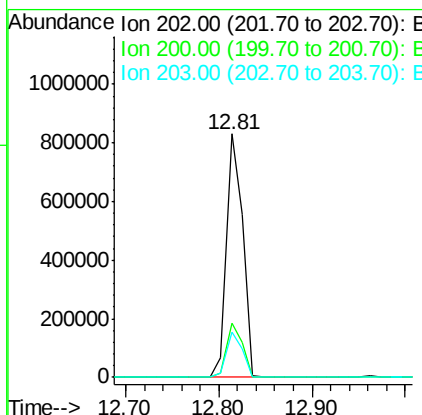
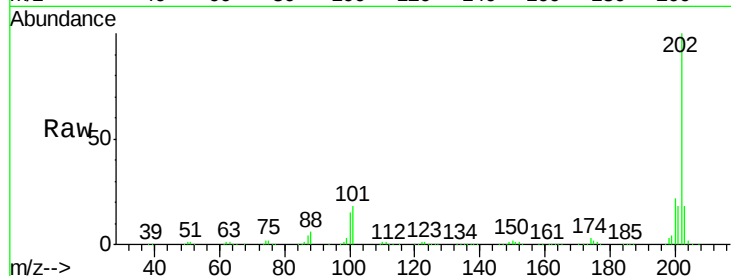
#77
 Pyrene
 Concen: 37.55 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.4	14.0	21.0

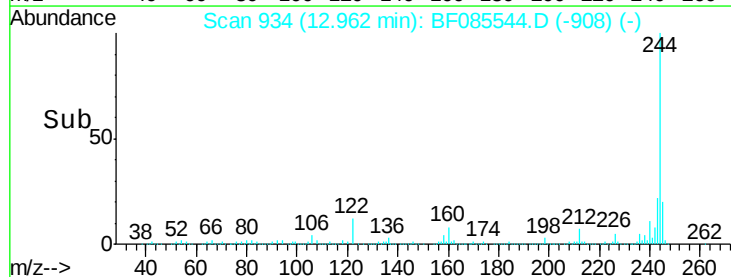
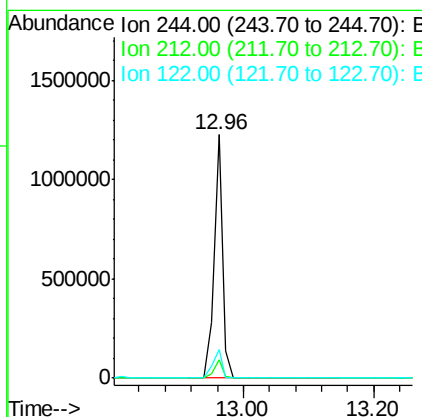
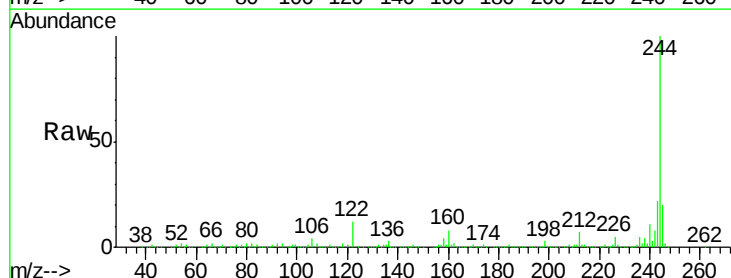
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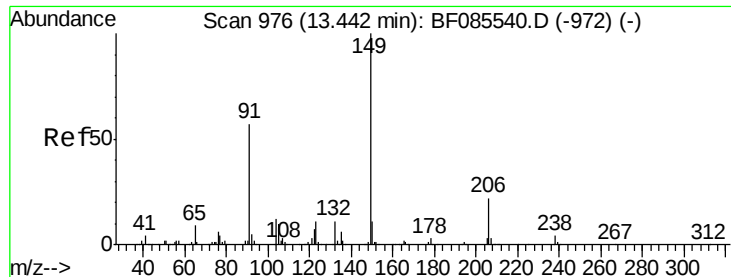
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#78
 Terphenyl-d14
 Concen: 73.37 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.9	10.2	15.4





#79

Butylbenzylphthalate

Concen: 37.72 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085544.D

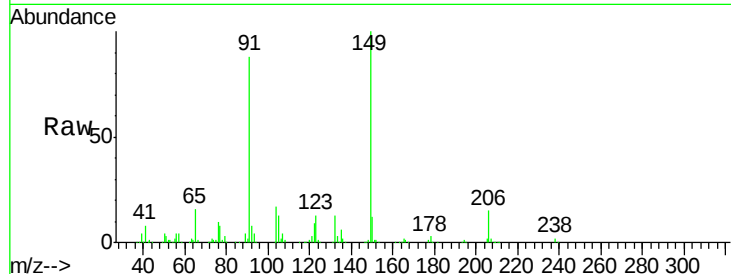
Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

ClientSampleId :

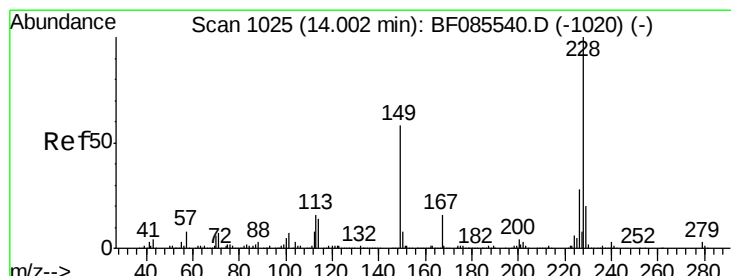
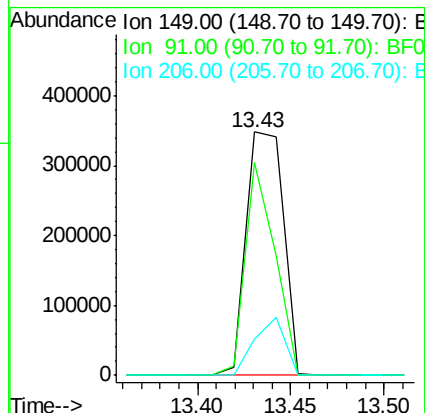
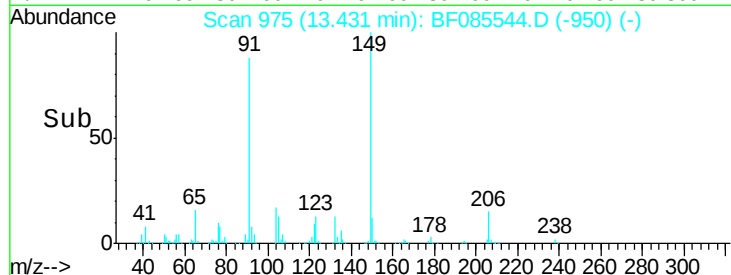
ICVBF031816



Tgt Ion:	149	Resp:	483194
Ion Ratio		Lower	Upper
149	100		
91	87.5	45.8	68.8#
206	15.0	17.8	26.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 38.27 ng

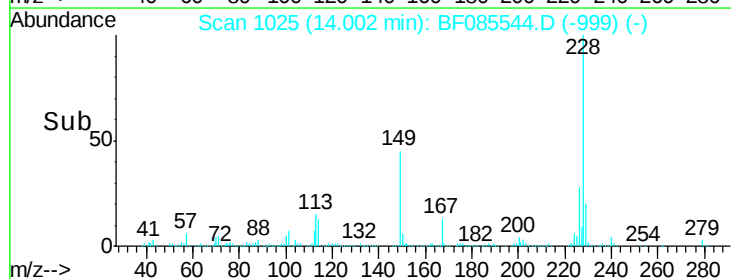
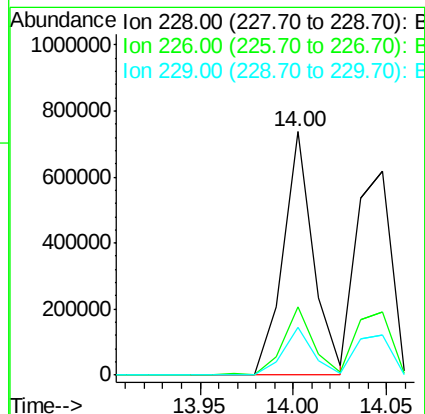
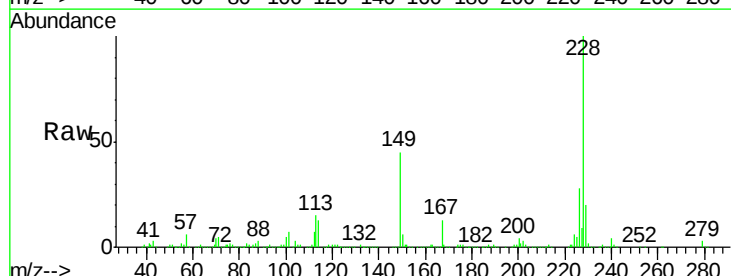
RT: 14.00 min Scan# 1025

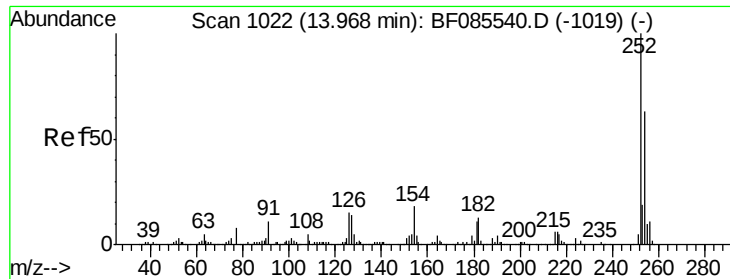
Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Tgt Ion:	228	Resp:	831428
Ion Ratio		Lower	Upper
228	100		
226	27.9	22.1	33.1
229	19.8	16.2	24.4





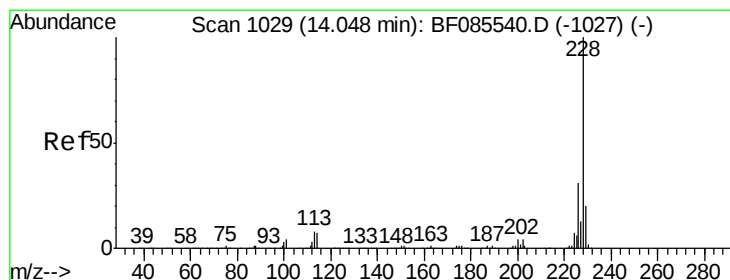
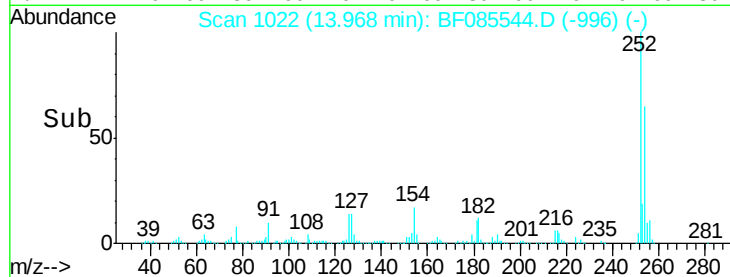
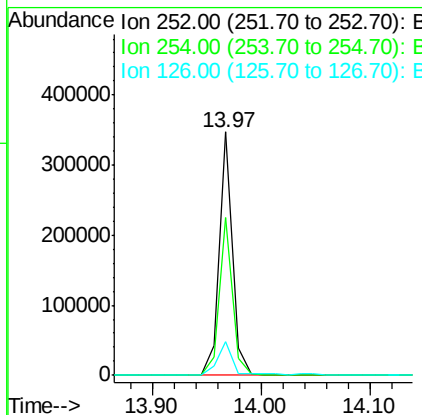
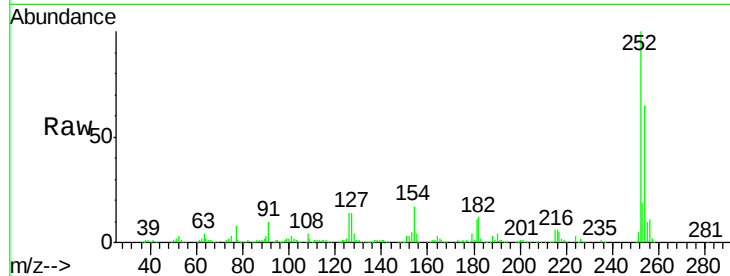
#81
 3,3'-Dichlorobenzidine
 Concen: 37.63 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	299641		
254	65.0	50.7	76.1	
126	14.1	11.8	17.6	

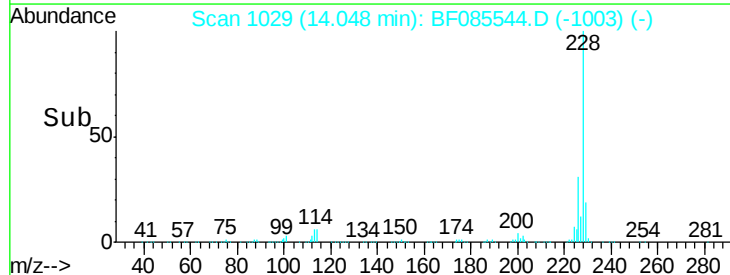
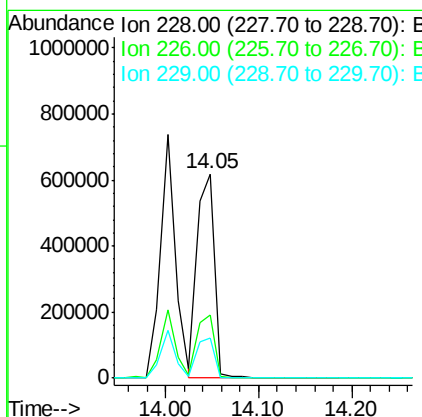
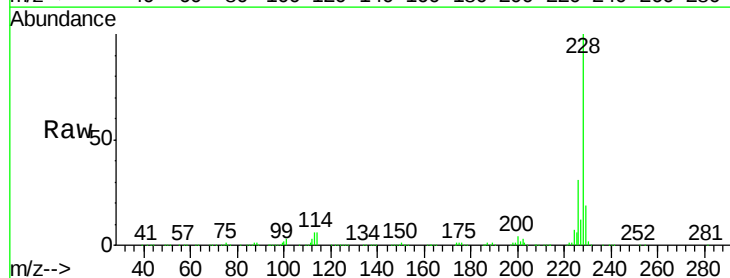
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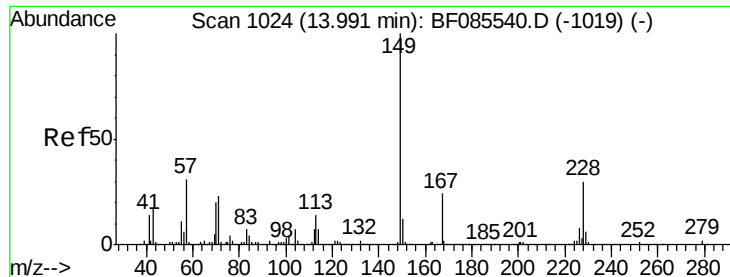
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#82
 Chrysene
 Concen: 38.86 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	812293		
226	30.7	25.0	37.6	
229	19.4	15.7	23.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.32 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085544.D

Acq: 19 Mar 2016 00:34

Instrument :

BNA_F

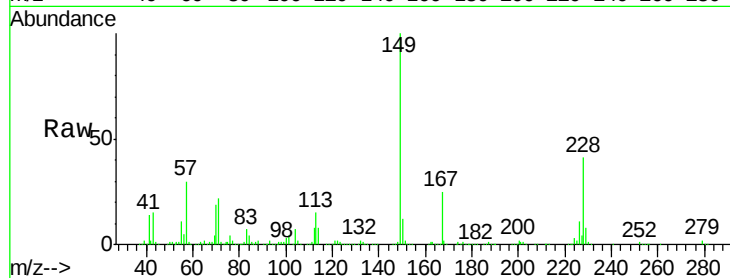
ClientSampleId :

ICVBF031816

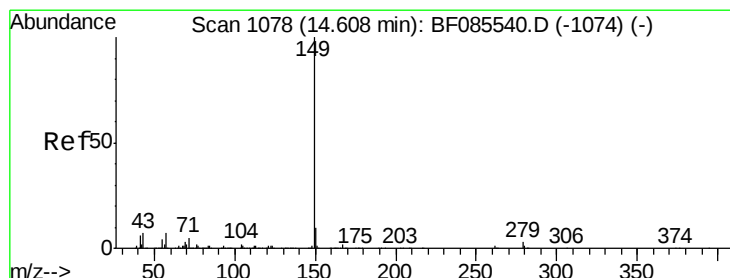
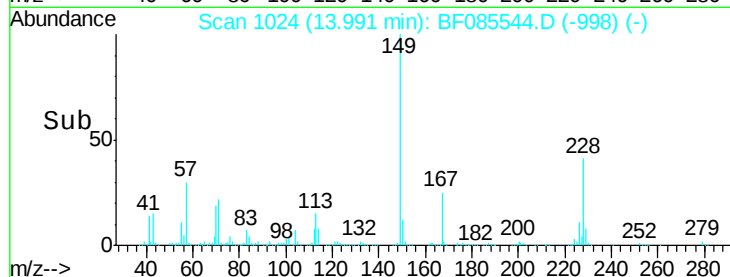
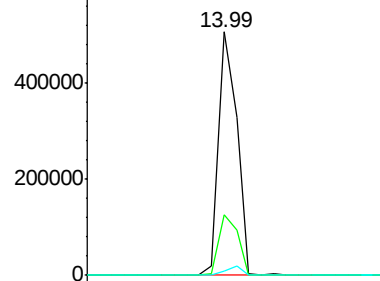
Tgt Ion:	149	Resp:	593859
Ion Ratio	Lower	Upper	
149	100		
167	24.7	19.4	29.2
279	2.0	1.5	2.3

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.15 ng

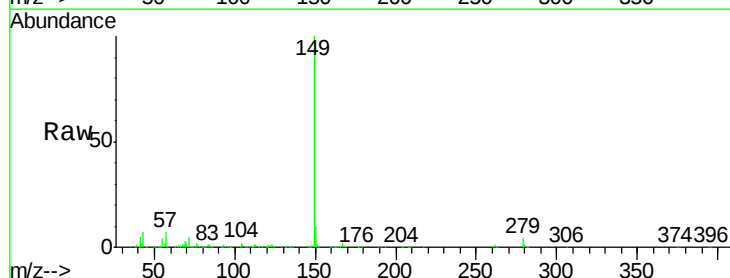
RT: 14.61 min Scan# 1078

Delta R.T. 0.00 min

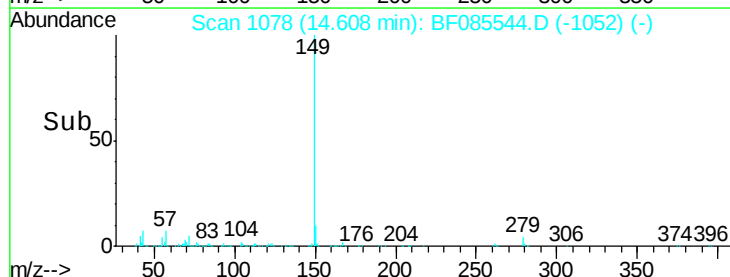
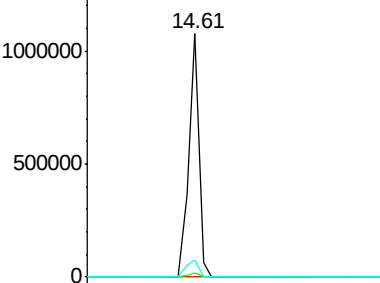
Lab File: BF085544.D

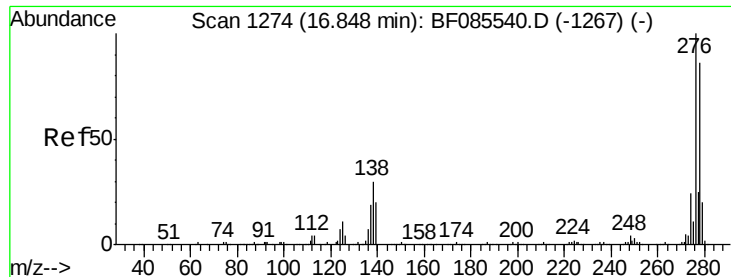
Acq: 19 Mar 2016 00:34

Tgt Ion:	149	Resp:	1041279
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.5	7.1	10.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





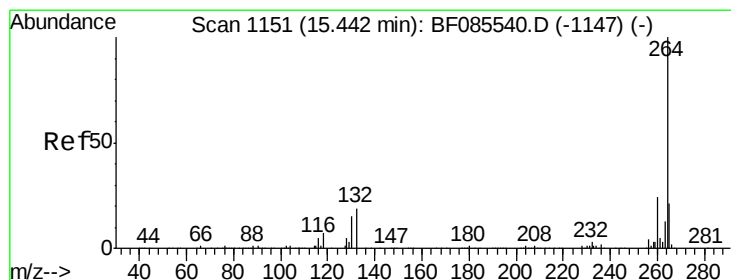
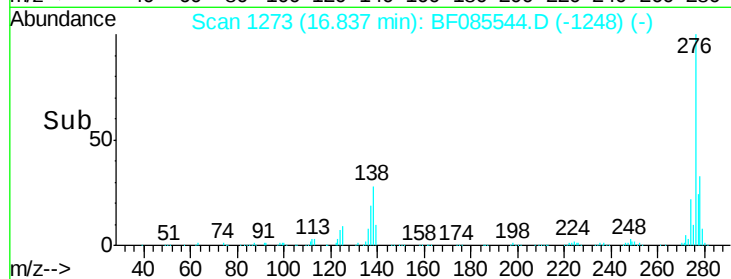
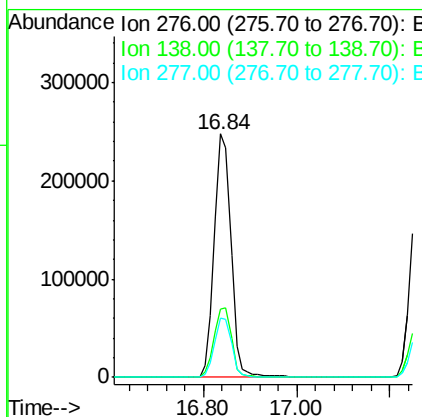
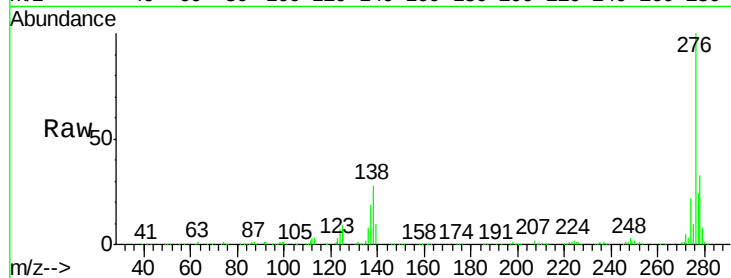
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.77 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.2	36.4
277	24.9	20.0	30.0

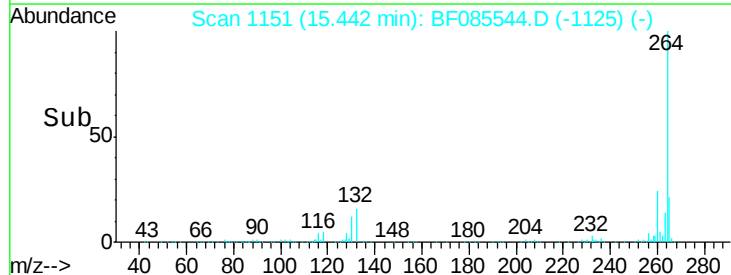
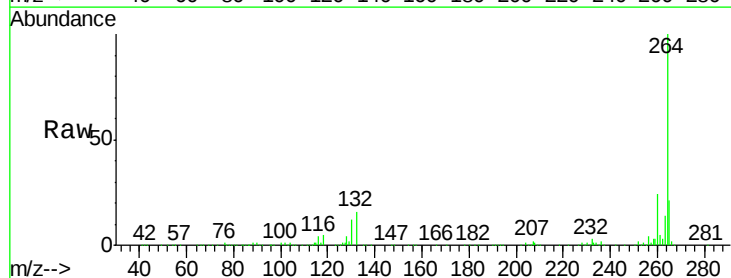
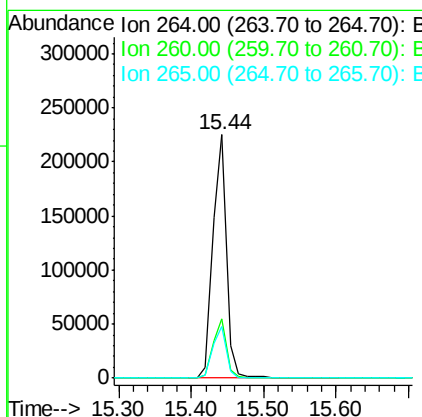
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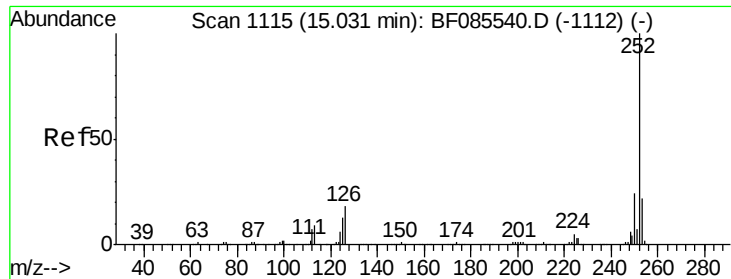
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.0	17.2	25.8





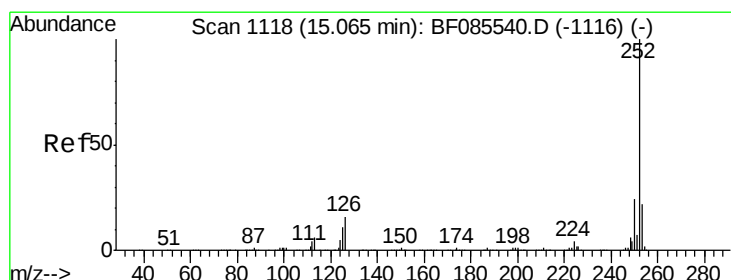
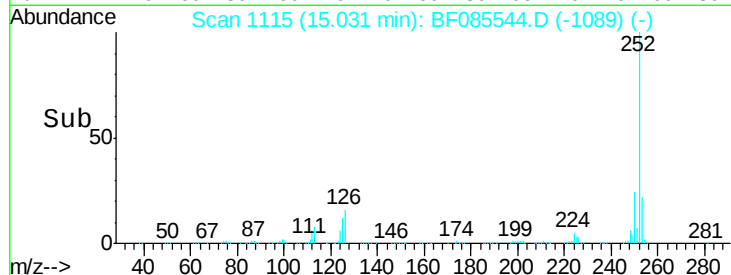
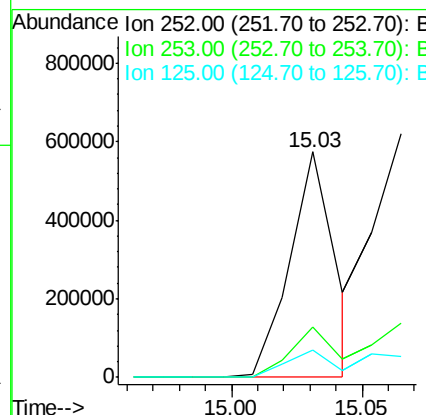
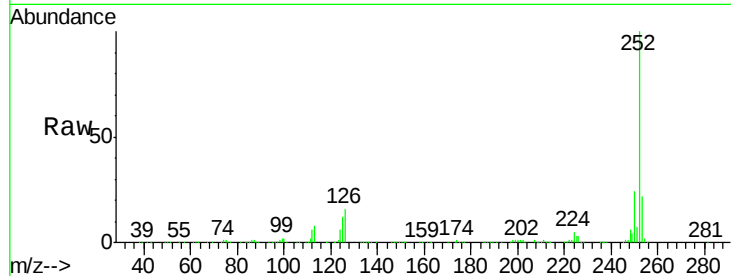
#87
Benzo(b)fluoranthene
Concen: 36.12 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.2	10.3	15.5

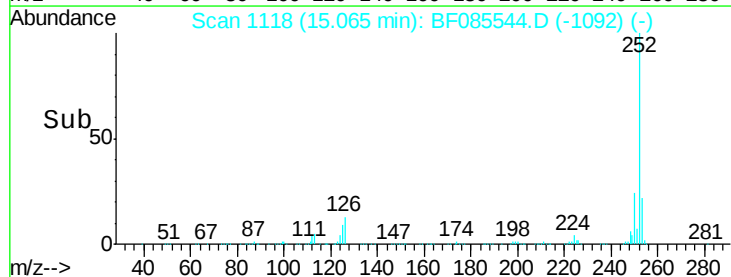
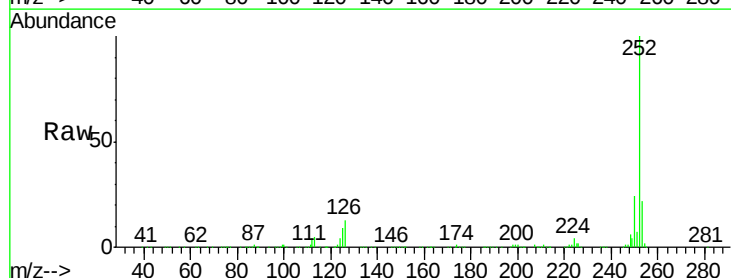
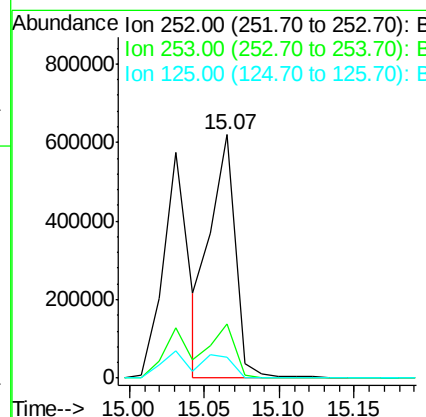
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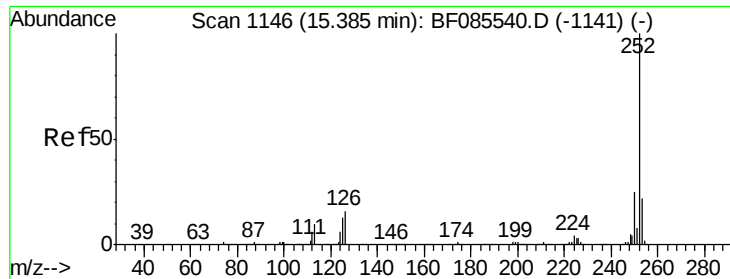
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#88
Benzo(k)fluoranthene
Concen: 46.16 ng m
RT: 15.07 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.7	7.7	11.5





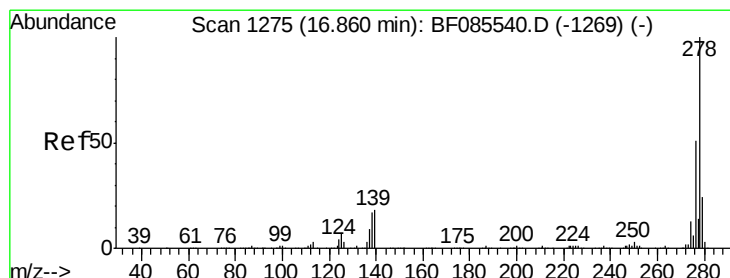
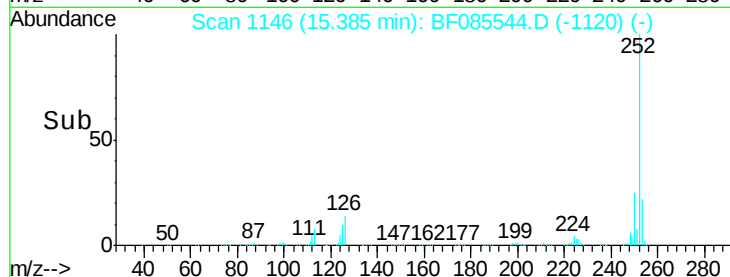
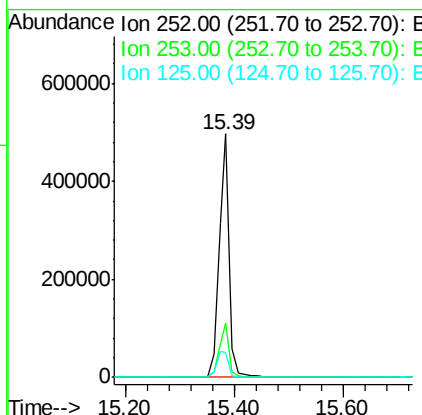
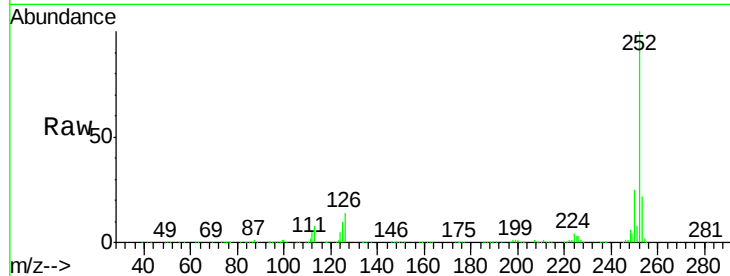
#89
Benzo(a)pyrene
Concen: 40.36 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.2	10.3	15.5#

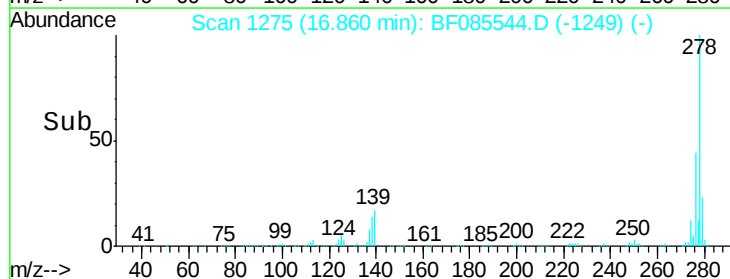
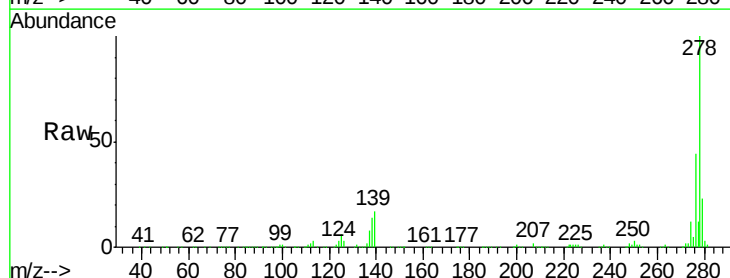
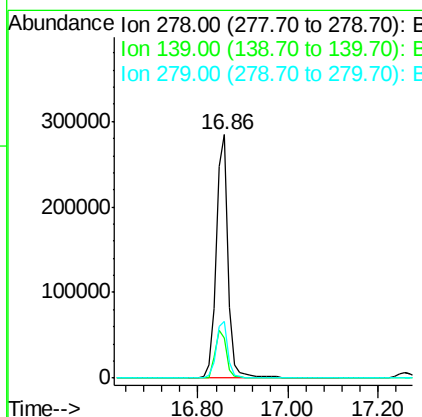
Manual Integrations
APPROVED

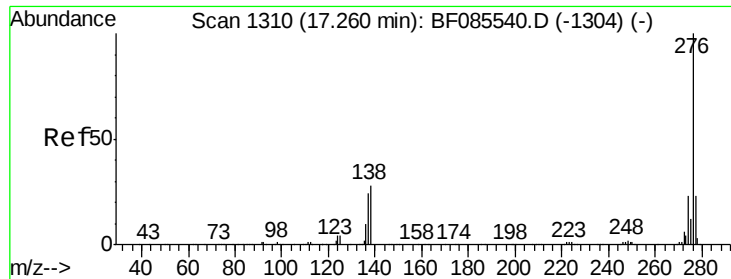
apatel
3/21/2016 5:07:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.90 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF085544.D
Acq: 19 Mar 2016 00:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.4	21.6
279	23.4	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 38.31 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF085544.D
 Acq: 19 Mar 2016 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031816

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	28.4	22.6	34.0

Manual Integrations
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