

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085848.D
 Acq On : 29 Mar 2016 13:08
 Operator : UM/SJ
 Sample : H1834-08MSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Manual Integrations
 APPROVED

Sohil
 3/29/2016 5:04:45 PM

Quant Time: Mar 29 13:50:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126847	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	505581	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	206395	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	355190	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	214345	20.00	ng	0.00
86) Perylene-d12	15.40	264	222289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	792819	104.09	ng	0.01
7) Phenol-d6	6.46	99	1013760	104.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	644533	71.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	258869	132.01	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	983319	79.60	ng	-0.01
78) Terphenyl-d14	12.93	244	719951	69.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	117031	32.18	ng	98
3) Pyridine	3.16	79	308003	35.32	ng	100
4) n-Nitrosodimethylamine	3.11	42	136449	39.09	ng	100
6) Aniline	6.48	93	316613	24.29	ng	# 90
8) 2-Chlorophenol	6.61	128	335810	37.95	ng	92
9) Benzaldehyde	6.37	77	57040	9.78	ng	93
10) Phenol	6.47	94	372703	33.97	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	329317	39.01	ng	93
12) 1,3-Dichlorobenzene	6.76	146	354562	37.21	ng	# 96
13) 1,4-Dichlorobenzene	6.84	146	366256	37.90	ng	94
14) 1,2-Dichlorobenzene	6.98	146	317170	35.21	ng	96
15) Benzyl Alcohol	6.96	79	244451	37.84	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	389130	34.74	ng	94
17) 2-Methylphenol	7.09	107	275002	38.82	ng	97
18) Hexachloroethane	7.33	117	127763	36.10	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	198927	34.31	ng	94
20) 3+4-Methylphenols	7.24	107	316168	37.12	ng	# 89
22) Acetophenone	7.24	105	440052	37.36	ng	# 96
24) Nitrobenzene	7.41	77	379802	41.04	ng	90
25) Isophorone	7.65	82	660907	38.21	ng	95
26) 2-Nitrophenol	7.73	139	173378	37.45	ng	# 86
27) 2,4-Dimethylphenol	7.76	122	290255	35.86	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	380173	38.58	ng	98
29) 2,4-Dichlorophenol	7.97	162	273740	40.24	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	287895	38.12	ng	95
31) Naphthalene	8.13	128	957898	37.60	ng	99
32) Benzoic acid	7.88	122	88688	16.50	ng	98
33) 4-Chloroaniline	8.17	127	137495	13.22	ng	# 92
34) Hexachlorobutadiene	8.24	225	148643	36.21	ng	99
35) Caprolactam	8.55	113	81428	33.79	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	293402	36.92	ng	89
37) 2-Methylnaphthalene	8.81	142	578244	37.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	249535	40.77	ng	98
40) Hexachlorocyclopentadiene	8.97	237	110522	47.54	ng	98

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Quant Time: Mar 29 13:50:21 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	173633	42.00	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	182514	42.10	ng	# 88
45) 1,1'-Biphenyl	9.28	154	679974	39.04	ng	97
46) 2-Chloronaphthalene	9.30	162	501847	39.19	ng	# 91
47) 2-Nitroaniline	9.41	65	177856	45.42	ng	98
48) Acenaphthylene	9.72	152	797772	38.23	ng	99
49) Dimethylphthalate	9.59	163	905514	57.83	ng	99
50) 2,6-Dinitrotoluene	9.65	165	125052	37.10	ng	96
51) Acenaphthene	9.89	154	483307	37.92	ng	100
52) 3-Nitroaniline	9.82	138	111204	28.82	ng	89
53) 2,4-Dinitrophenol	9.93	184	57768	37.40	ng	# 70
54) Dibenzofuran	10.07	168	692662	41.99	ng	93
55) 4-Nitrophenol	9.99	139	185464	73.79	ng	99
56) 2,4-Dinitrotoluene	10.06	165	182293	42.55	ng	# 85
57) Fluorene	10.40	166	511572	37.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	135955	45.12	ng	97
59) Diethylphthalate	10.29	149	659198	42.61	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	276993	41.31	ng	# 84
61) 4-Nitroaniline	10.44	138	139916	37.92	ng	97
62) Azobenzene	10.56	77	657595	44.23	ng	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	50019	24.05	ng	# 54
65) n-Nitrosodiphenylamine	10.52	169	457254	40.64	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	147436	40.57	ng	# 83
67) Hexachlorobenzene	10.95	284	152342	40.09	ng	# 68
68) Atrazine	11.05	200	160872	42.35	ng	96
69) Pentachlorophenol	11.16	266	140825	75.48	ng	98
70) Phenanthrene	11.36	178	725169	39.76	ng	99
71) Anthracene	11.42	178	804585	42.02	ng	99
72) Carbazole	11.58	167	670563	41.72	ng	98
73) Di-n-butylphthalate	11.90	149	867641	39.33	ng	99
74) Fluoranthene	12.55	202	640537	33.04	ng	94
76) Benzidine	12.68	184	120705	15.99	ng	98
77) Pyrene	12.78	202	624285	35.43	ng	99
79) Butylbenzylphthalate	13.40	149	305754	41.44	ng	# 86
80) Benzo(a)anthracene	13.97	228	478772	39.17	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	99856	11.77	ng	# 96
82) Chrysene	14.00	228	464815	37.76	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	394570	44.66	ng	# 96
84) Di-n-octyl phthalate	14.56	149	605109	46.06	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	550284	57.89	ng	99
87) Benzo(b)fluoranthene	14.99	252	621492m	44.38	ng	
88) Benzo(k)fluoranthene	15.02	252	371151m	29.40	ng	
89) Benzo(a)pyrene	15.34	252	495403	39.84	ng	# 97
90) Dibenzo(a,h)anthracene	16.79	278	469346	40.63	ng	99
91) Benzo(g,h,i)perylene	17.20	276	438622	37.50	ng	94

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

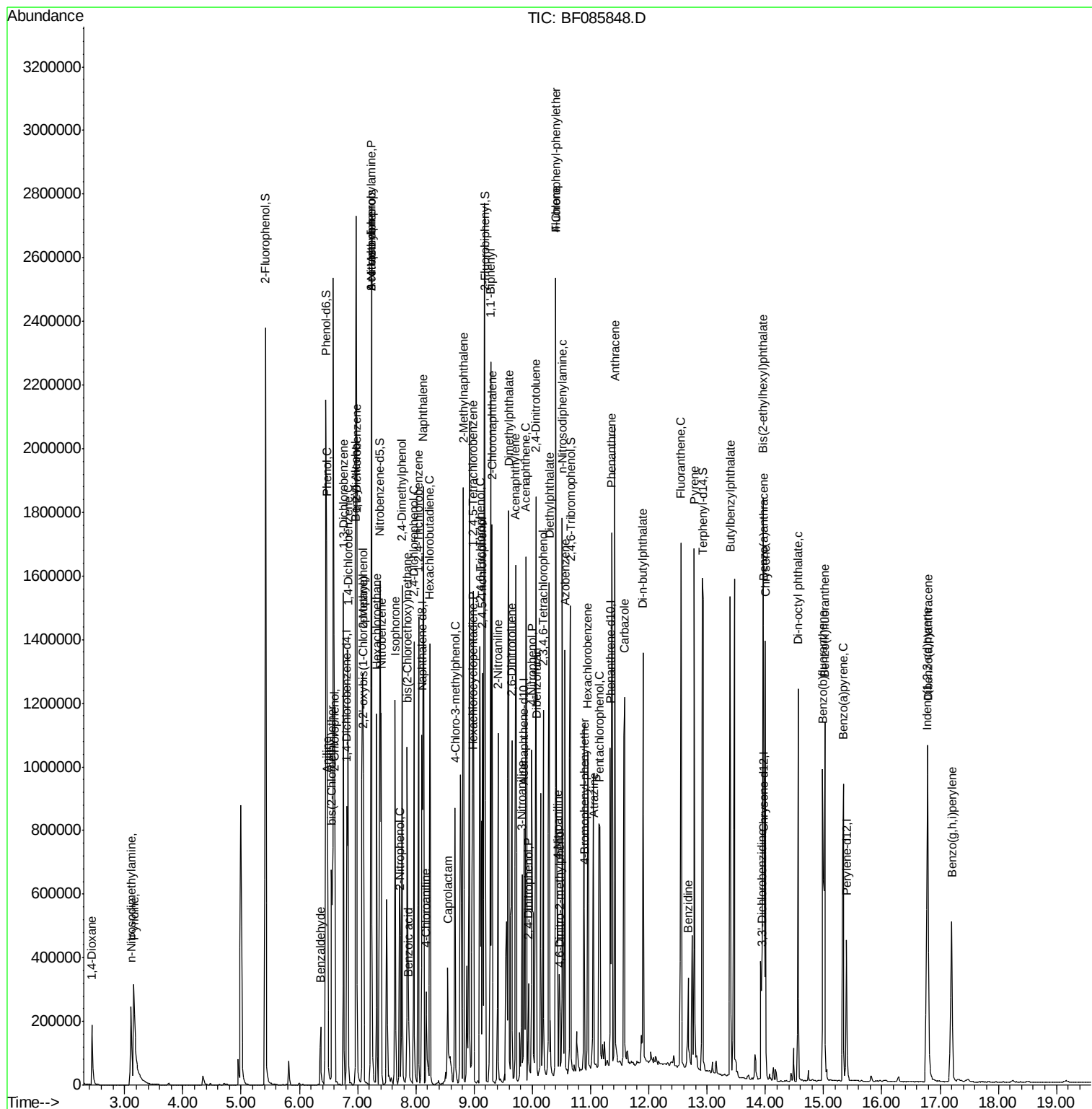
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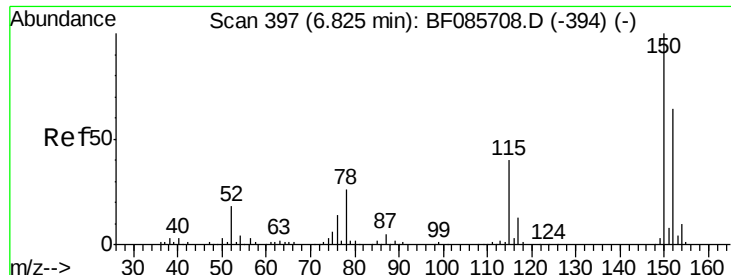
Instrument :
BNA_F
ClientSampleId :
13MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

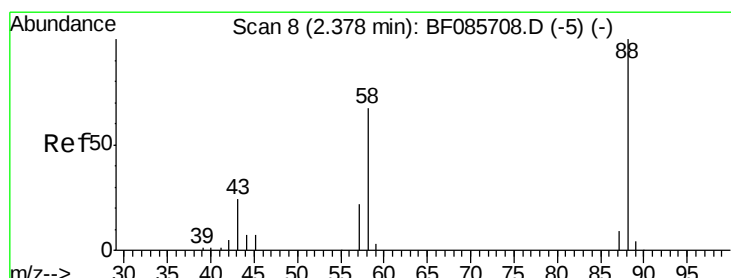
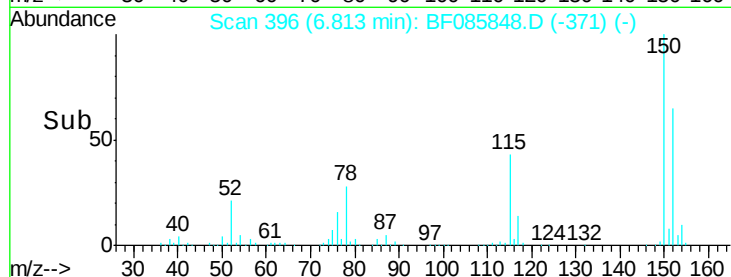
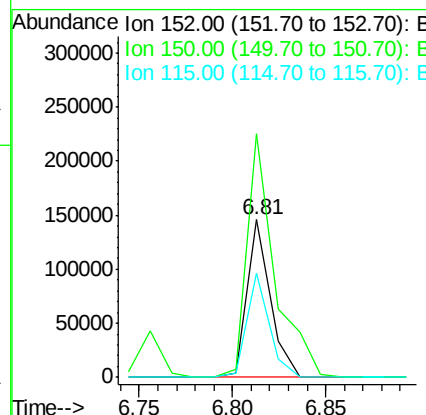
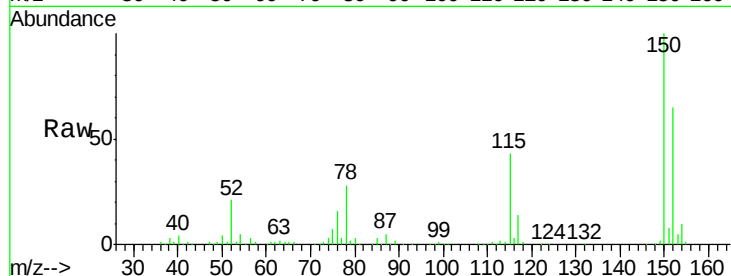
ClientSampleId :

13MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	65.8	47.0	70.6

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#2

1,4-Dioxane

Concen: 32.18 ng

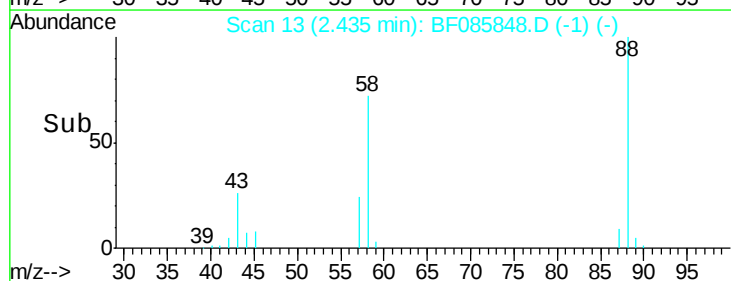
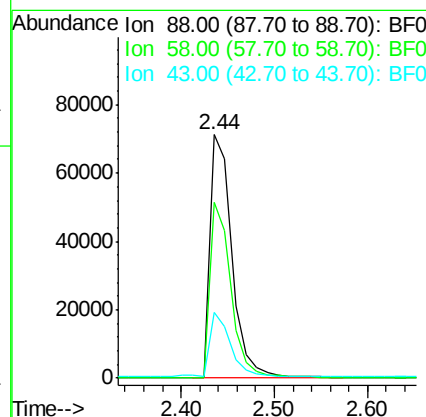
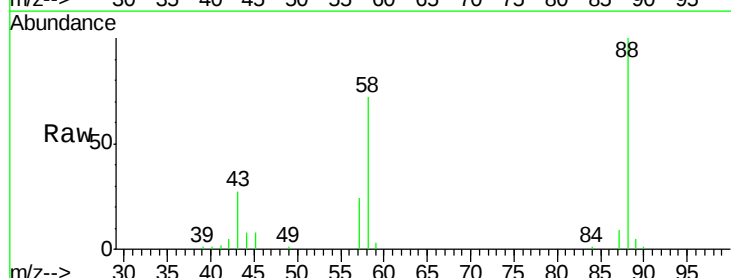
RT: 2.44 min Scan# 13

Delta R.T. 0.06 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	54.2	81.2
43	24.2	19.3	28.9





#3

Pyridine

Concen: 35.32 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.06 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

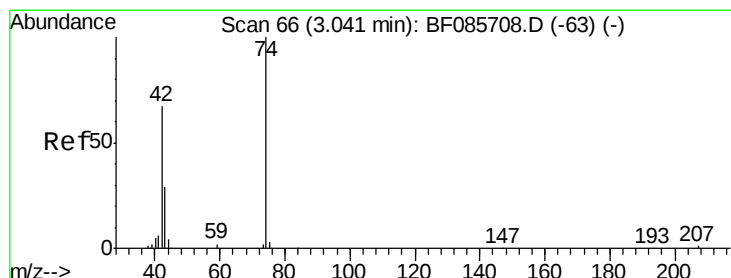
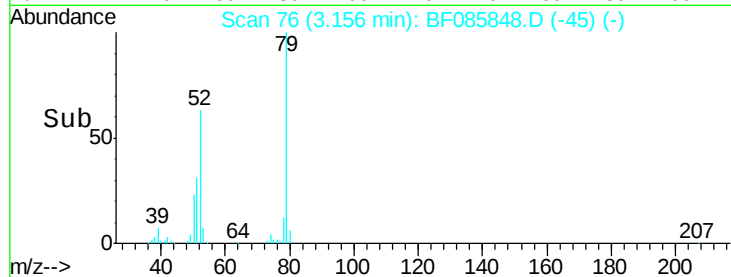
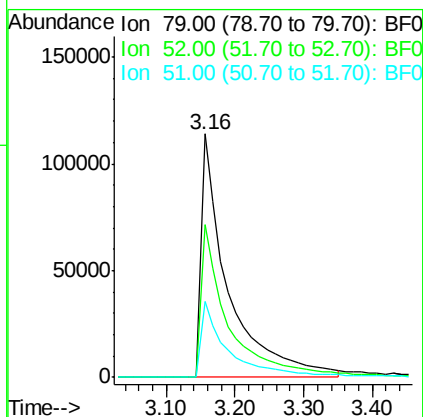
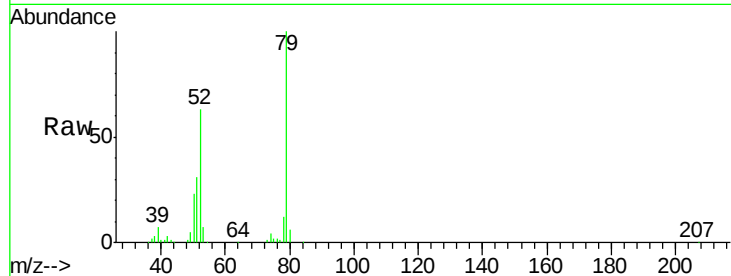
ClientSampleId :

13MSD

Tgt Ion:	79	Resp:	308003
Ion	Ratio	Lower	Upper
79	100		
52	62.7	49.8	74.6
51	31.0	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 39.09 ng

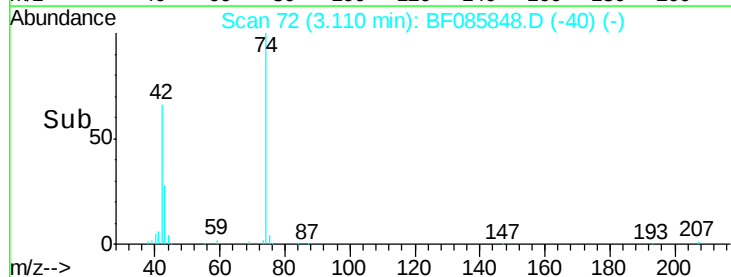
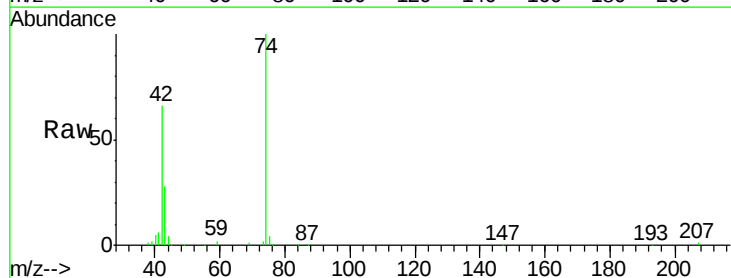
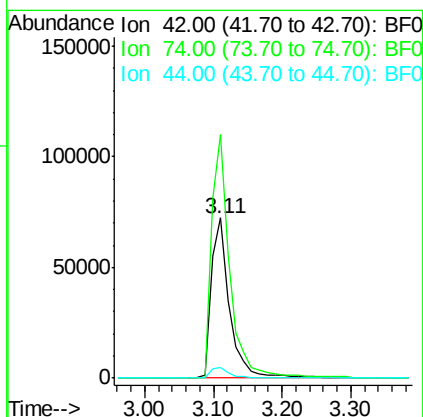
RT: 3.11 min Scan# 72

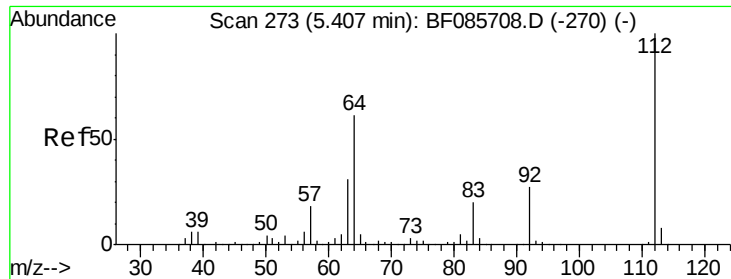
Delta R.T. 0.07 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	42	Resp:	136449
Ion	Ratio	Lower	Upper
42	100		
74	152.1	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 104.09 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085848.D

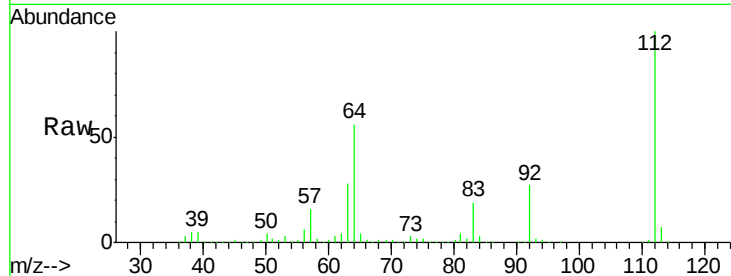
Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

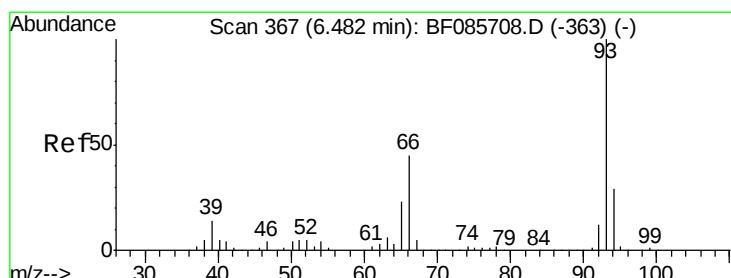
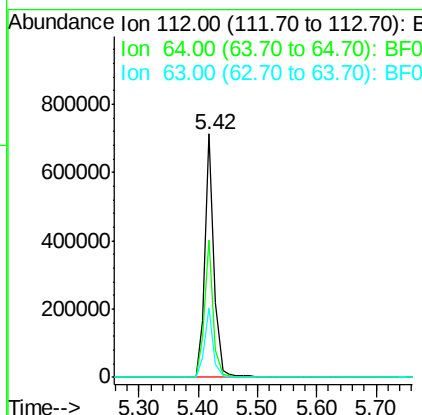
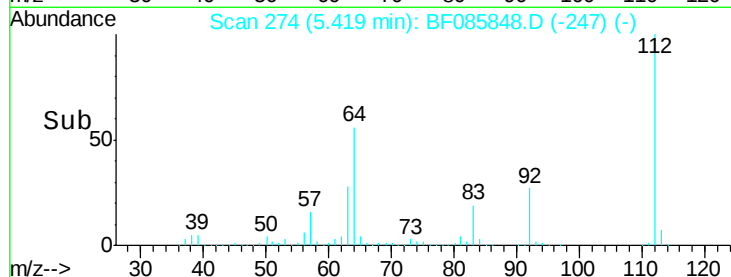
13MSD



Tgt Ion:	112	Resp:	792819
Ion Ratio	Lower	Upper	
112	100		
64	56.3	39.9	59.9
63	28.5	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 24.29 ng

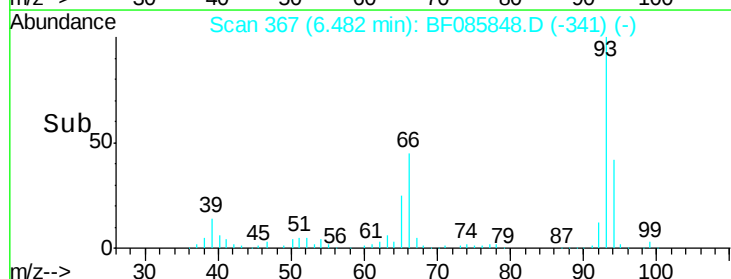
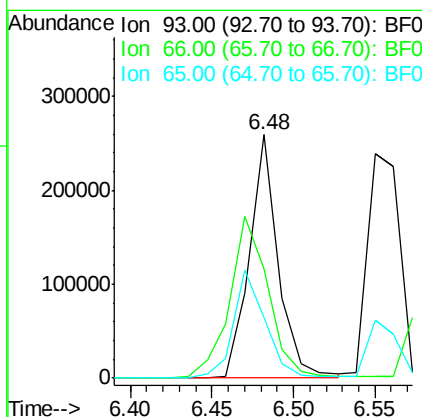
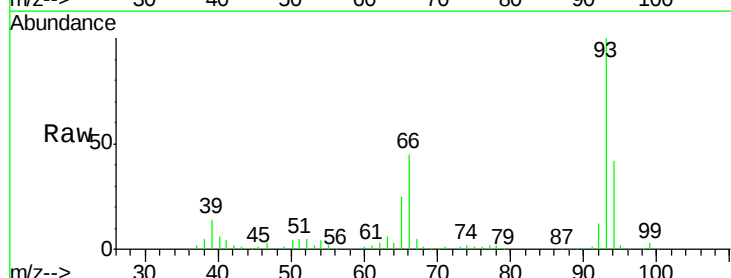
RT: 6.48 min Scan# 367

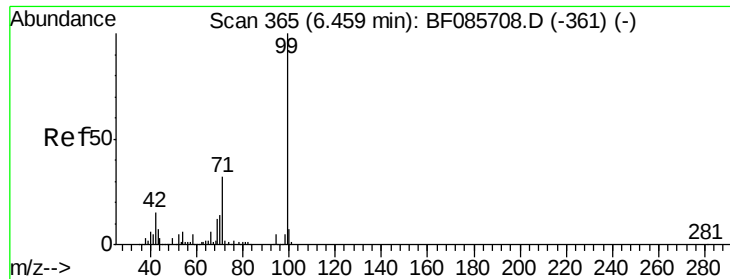
Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	93	Resp:	316613
Ion Ratio	Lower	Upper	
93	100		
66	45.0	31.4	47.2
65	24.7	15.7	23.5





#7

Phenol-d6

Concen: 104.69 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampled :

13MSD

Tgt Ion: 99 Resp: 1013760

Ion Ratio Lower Upper

99 100

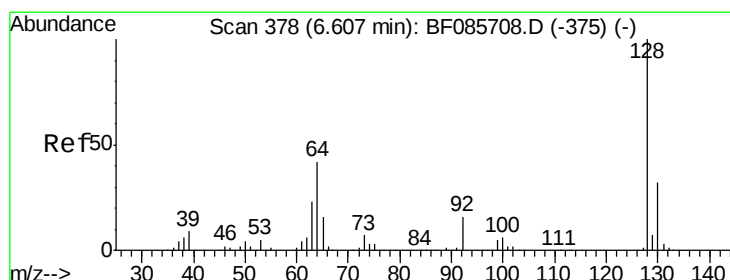
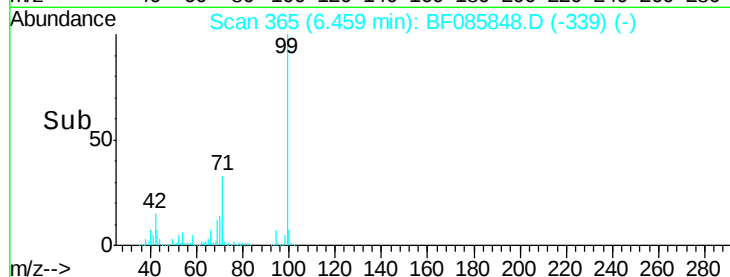
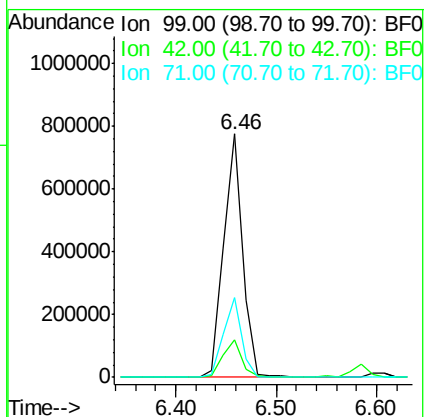
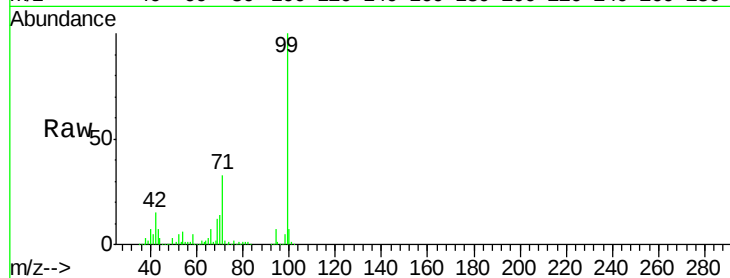
42 15.2 11.1 16.7

71 32.9 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.95 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

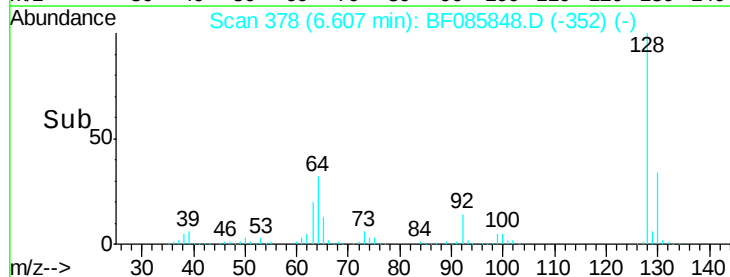
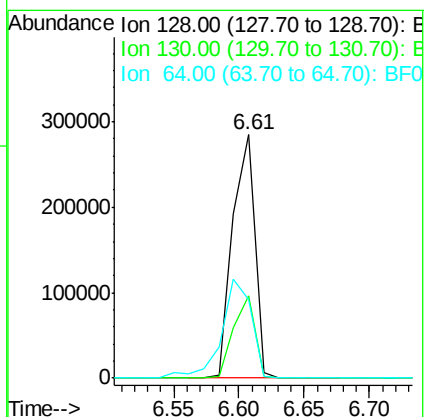
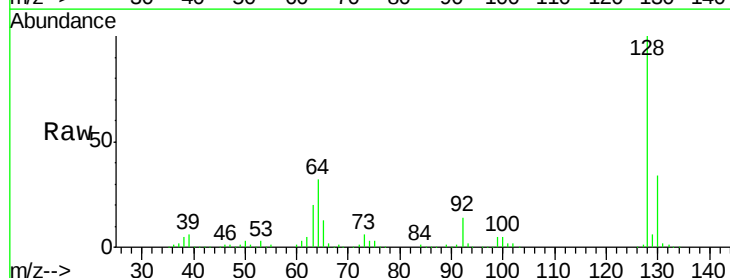
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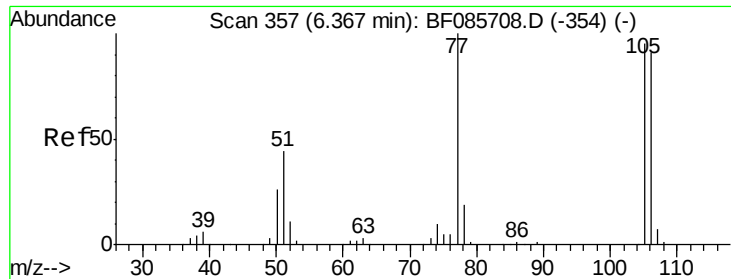
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 32.3 20.2 60.2





#9

Benzaldehyde

Concen: 9.78 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

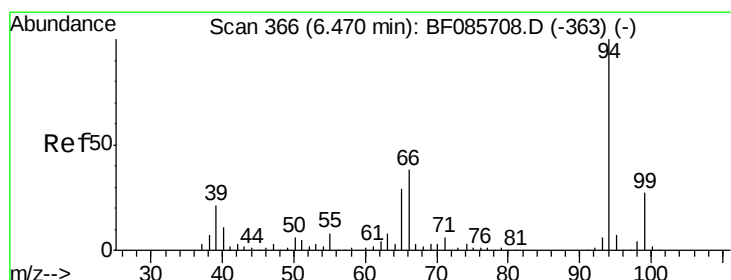
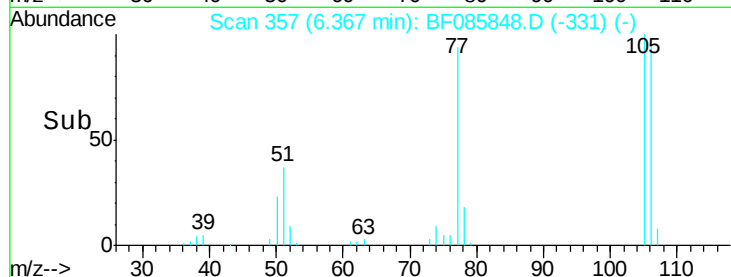
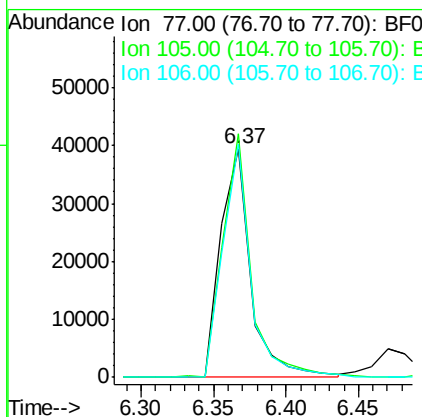
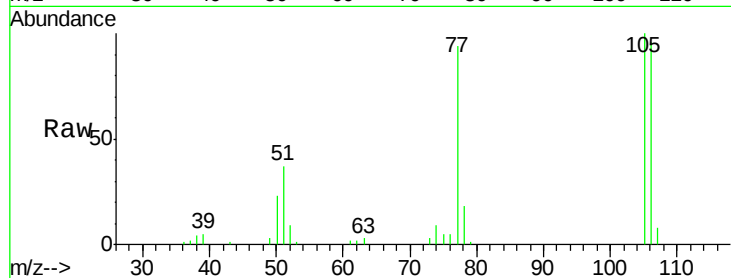
ClientSampled :

13MSD

Tgt Ion:	77	Resp:	57040
Ion	Ratio	Lower	Upper
77	100		
105	106.6	80.1	120.1
106	102.3	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 33.97 ng

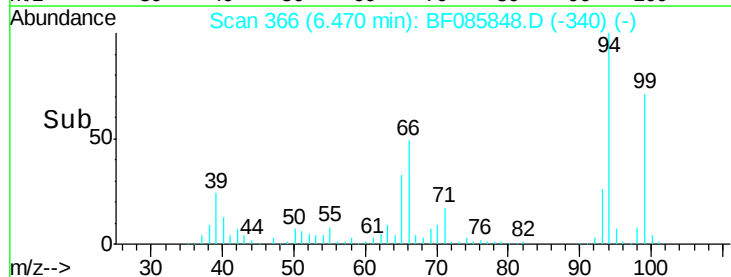
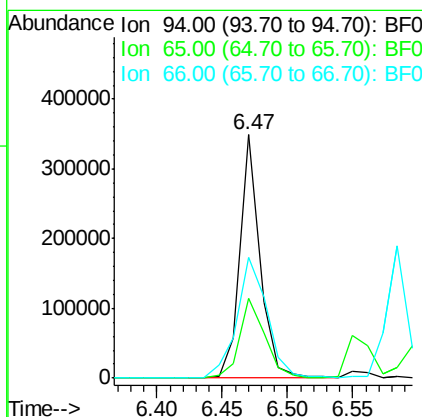
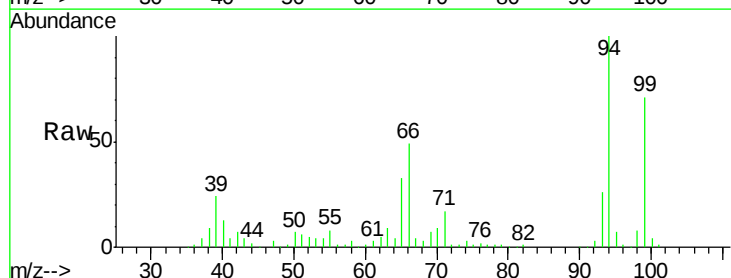
RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	94	Resp:	372703
Ion	Ratio	Lower	Upper
94	100		
65	32.8	8.6	48.6
66	49.4	20.0	60.0





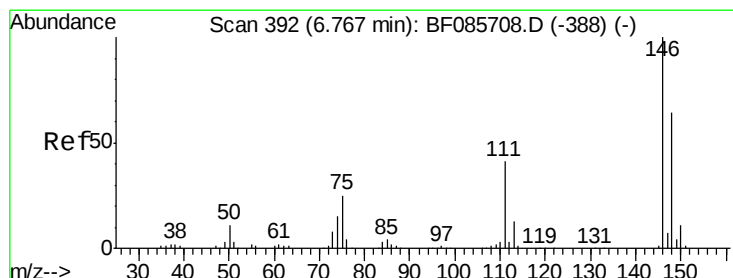
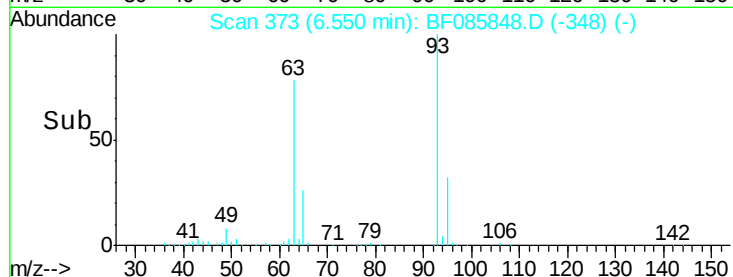
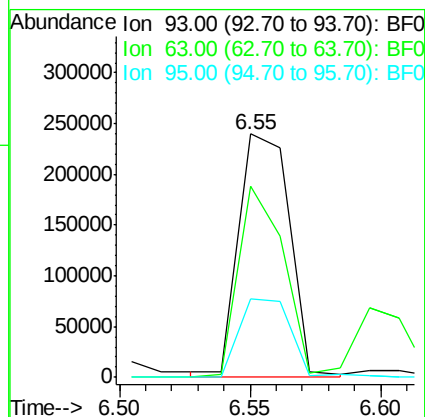
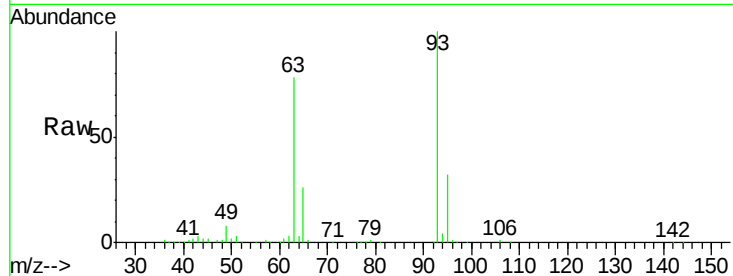
#11
bis(2-Chloroethyl)ether
Concen: 39.01 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion:	93	Resp:	329317
Ion	Ratio	Lower	Upper
93	100		
63	78.5	50.9	90.9
95	32.5	13.3	53.3

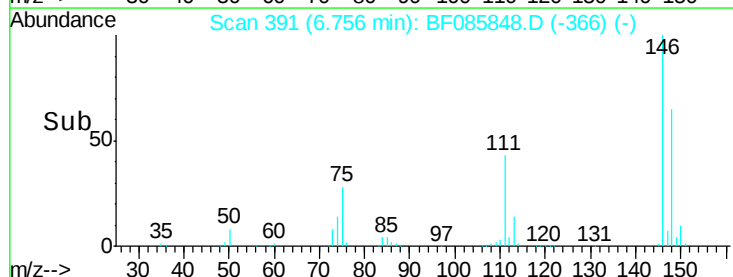
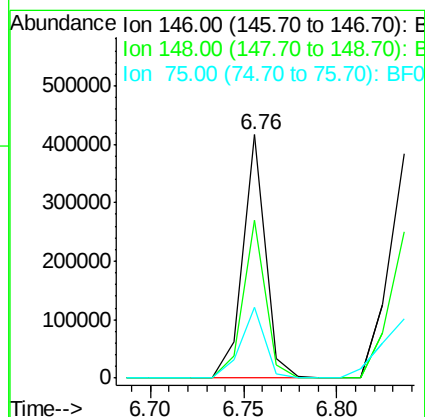
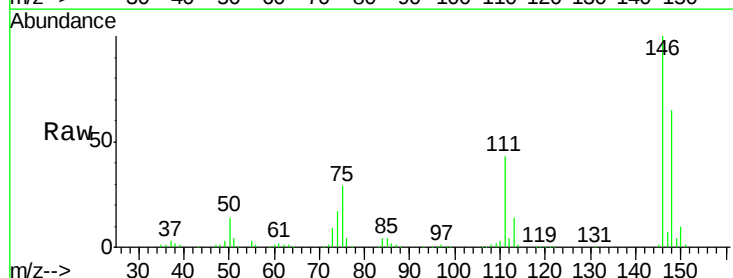
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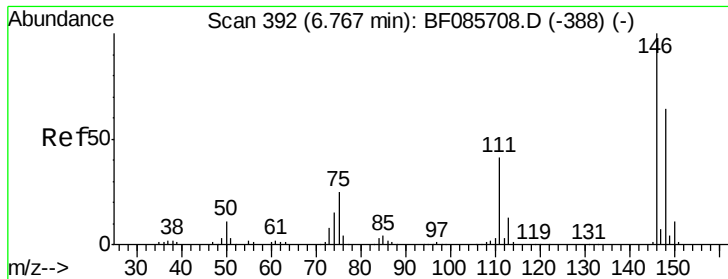
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#12
1,3-Dichlorobenzene
Concen: 37.21 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:	146	Resp:	354562
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
75	29.2	17.4	26.2





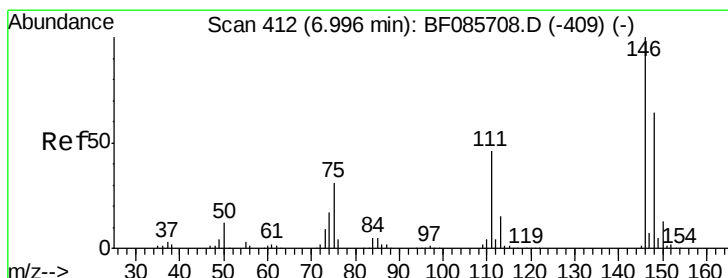
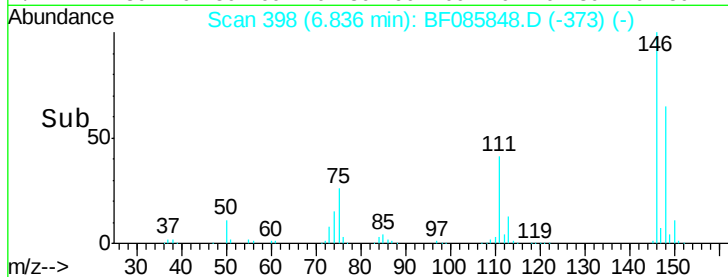
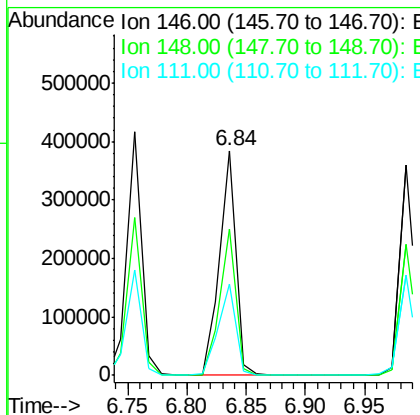
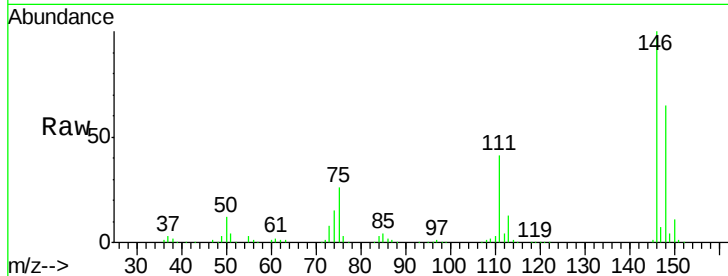
#13
 1,4-Dichlorobenzene
 Concen: 37.90 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	366256		
148	65.4		50.6	76.0
111	40.6		37.8	56.6

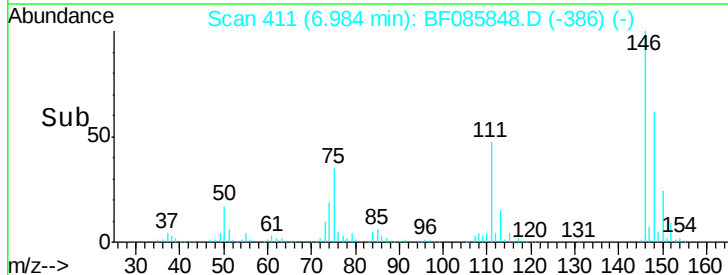
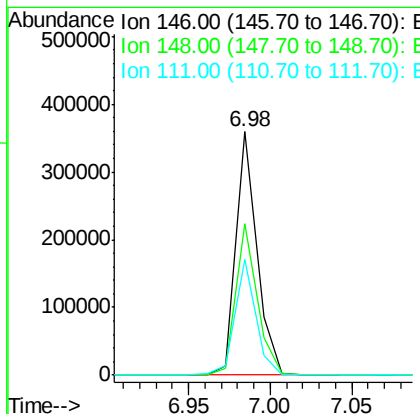
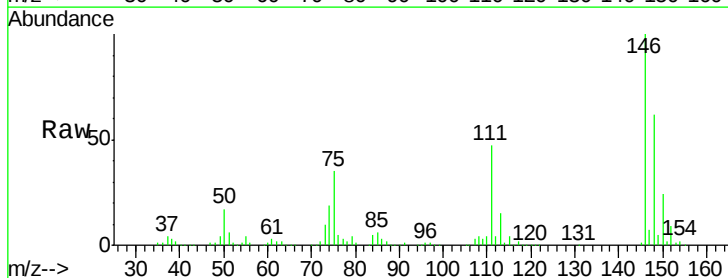
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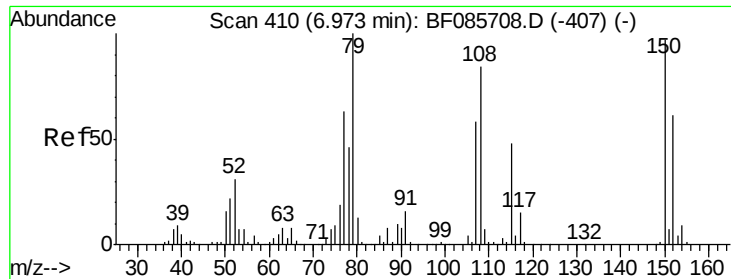
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.21 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317170		
148	62.4		51.4	77.2
111	47.4		34.6	52.0





#15

Benzyl Alcohol

Concen: 37.84 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

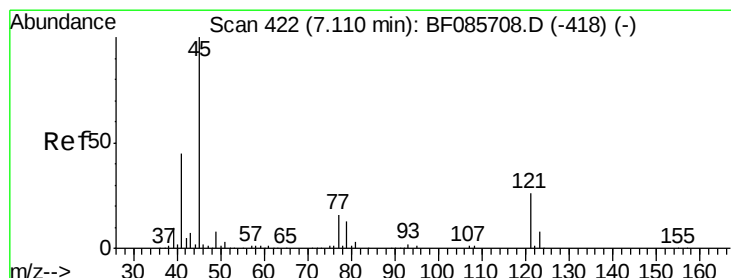
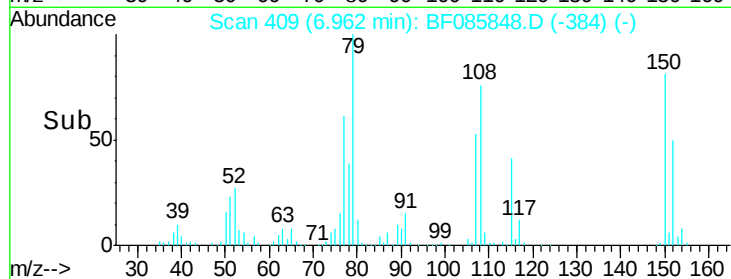
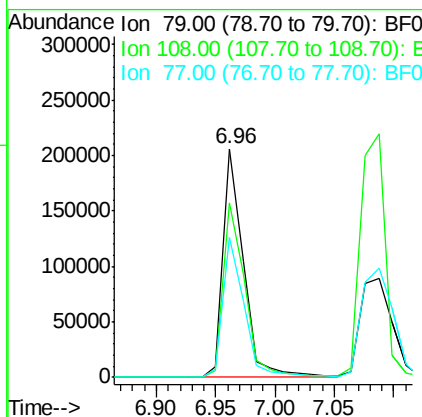
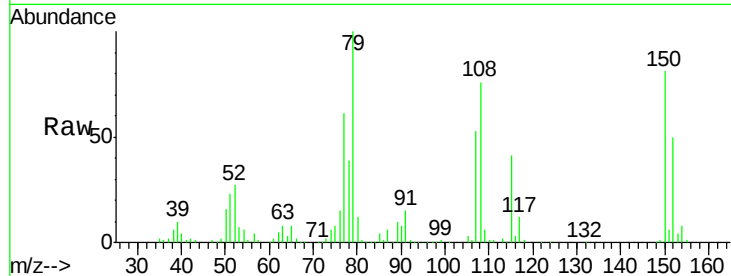
ClientSampled :

13MSD

Tgt Ion:	79	Resp:	244451
Ion Ratio	Lower	Upper	
79	100		
108	76.2	61.8	92.6
77	61.4	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.74 ng

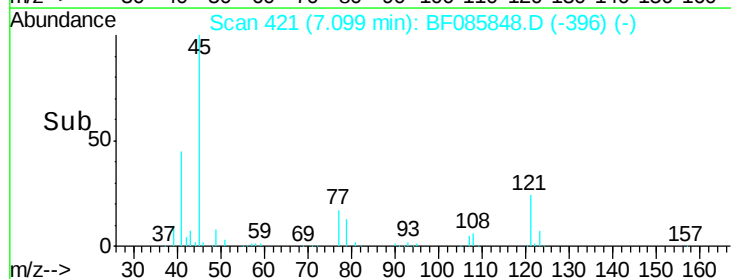
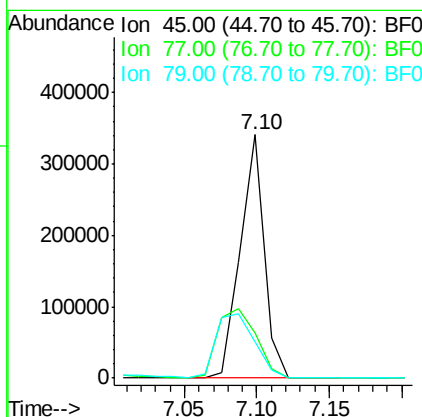
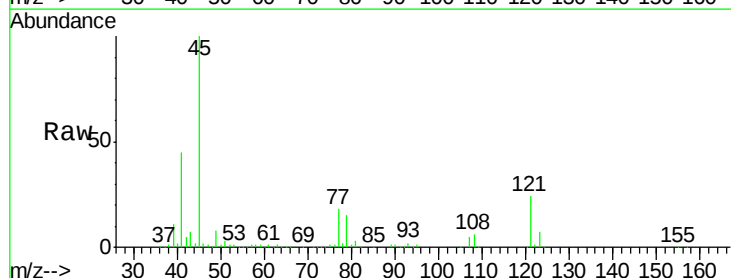
RT: 7.10 min Scan# 421

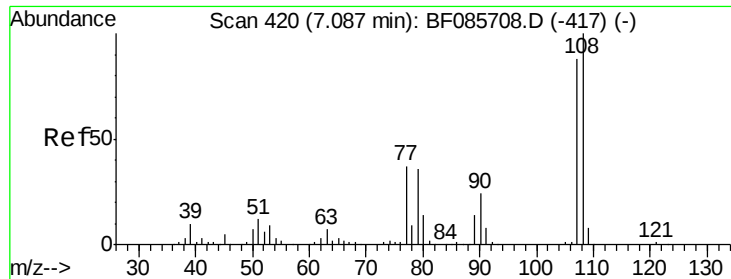
Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	45	Resp:	389130
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	35.7
79	14.7	0.0	32.2





#17

2-Methylphenol

Concen: 38.82 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

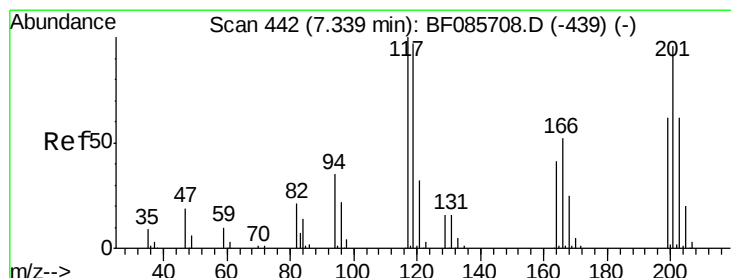
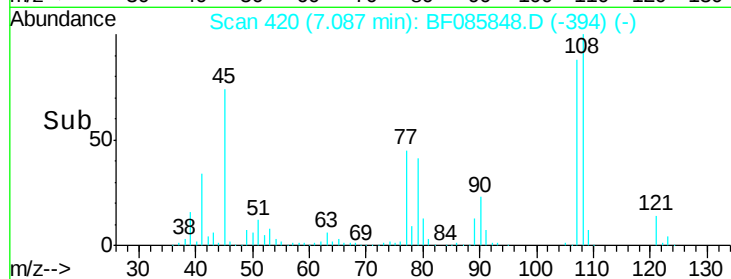
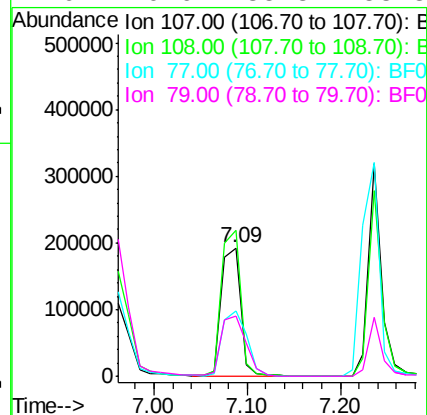
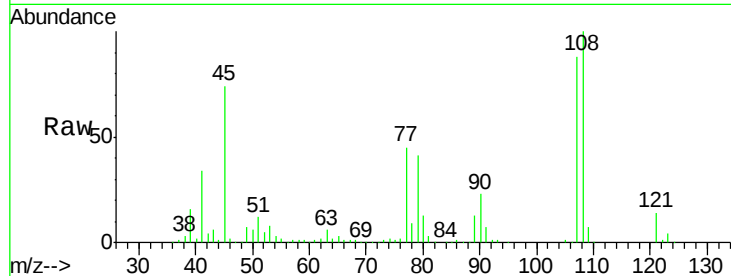
ClientSampled :

13MSD

Tgt Ion:	107	Resp:	275002
Ion Ratio	Lower	Upper	
107	100		
108	114.2	91.4	137.0
77	50.9	36.2	54.2
79	46.6	35.8	53.8

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#18

Hexachloroethane

Concen: 36.10 ng

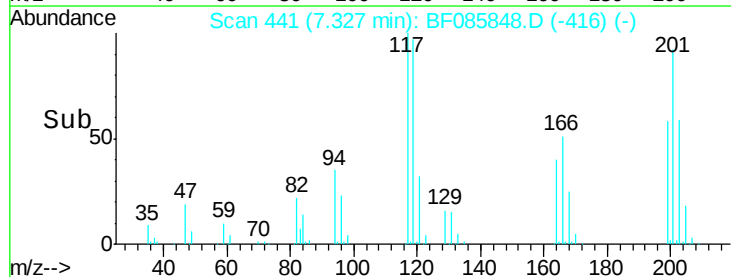
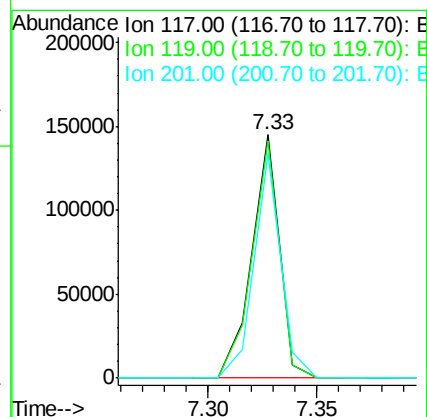
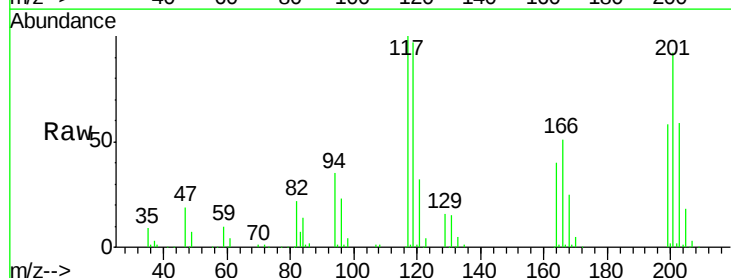
RT: 7.33 min Scan# 441

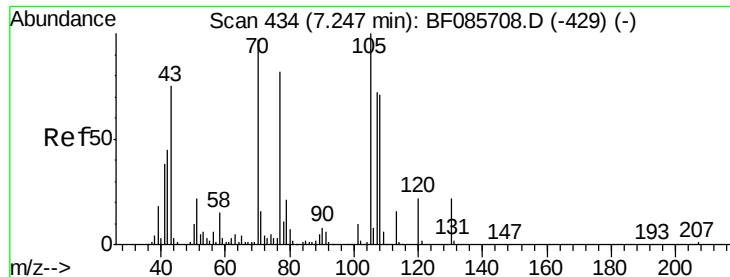
Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	117	Resp:	127763
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.7	115.1
201	92.4	83.3	124.9





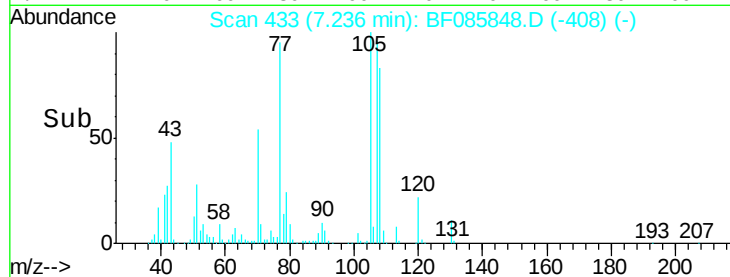
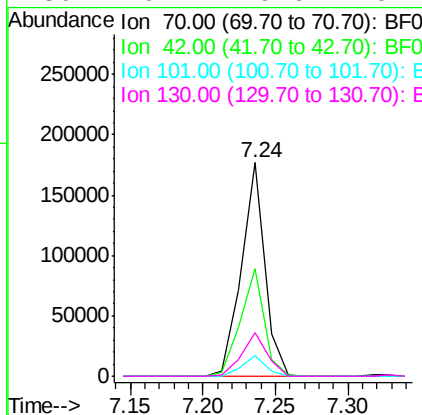
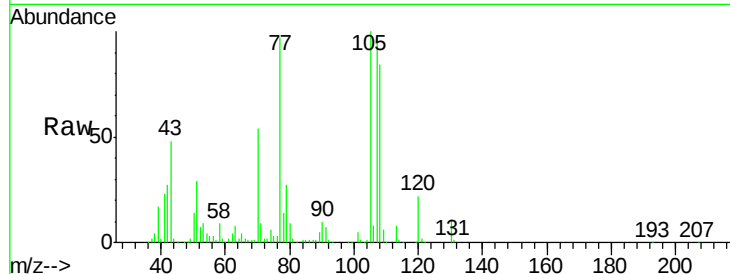
#19
n-Nitroso-di-n-propylamine
Concen: 34.31 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.3	37.1	55.7
101	9.8	8.6	12.8
130	20.7	19.6	29.4

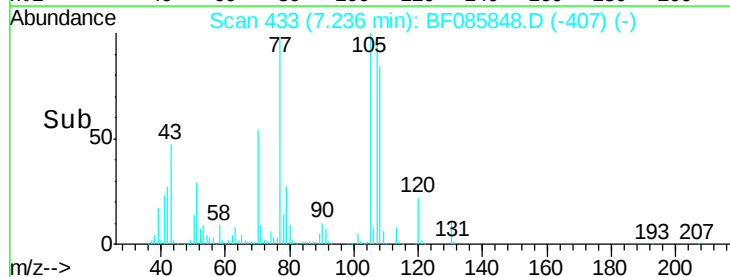
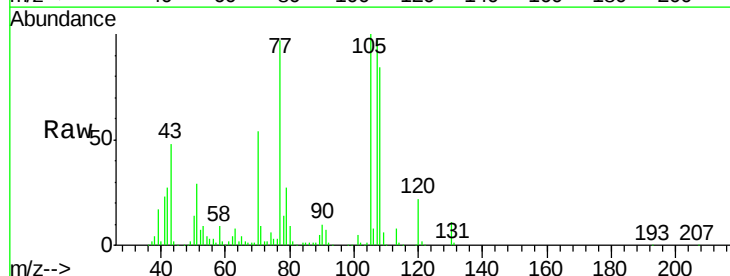
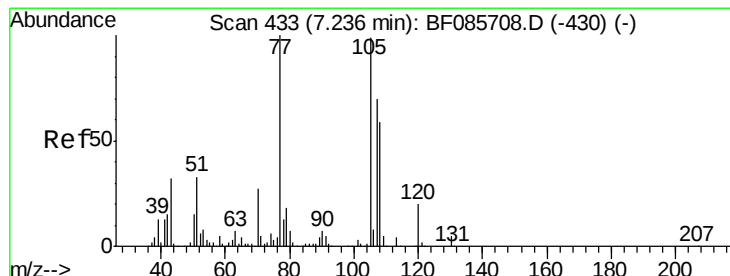
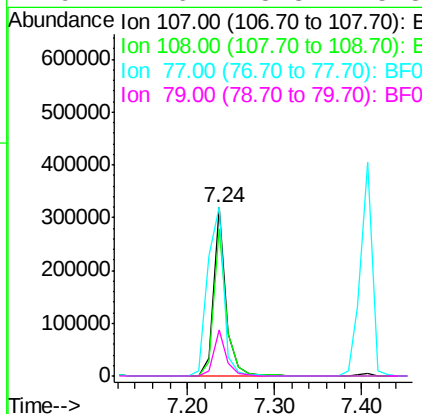
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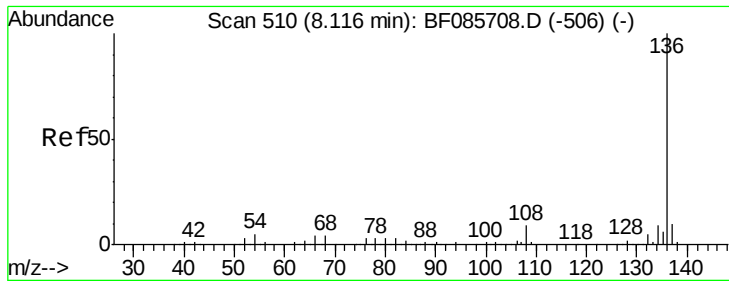
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#20
3+4-Methylphenols
Concen: 37.12 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.3	109.3
77	100.4	101.7	141.7#
79	27.6	8.3	48.3





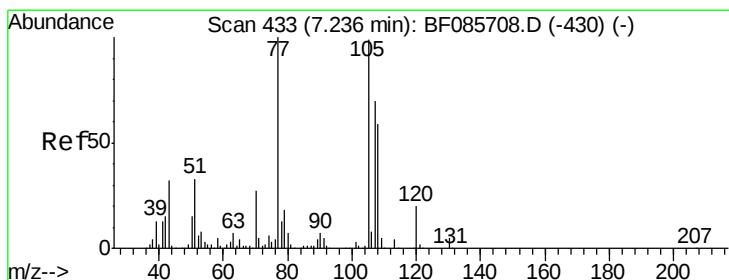
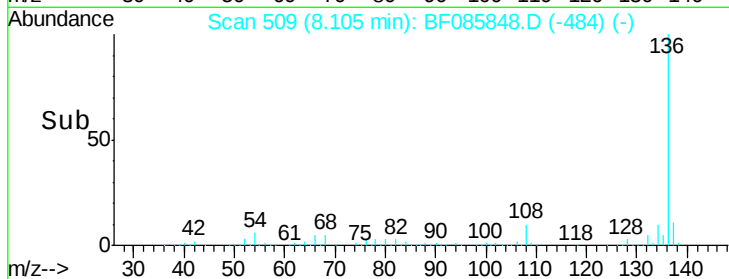
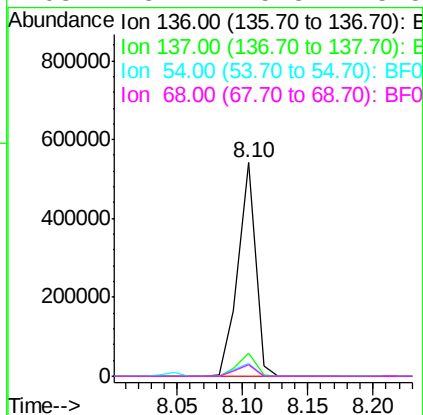
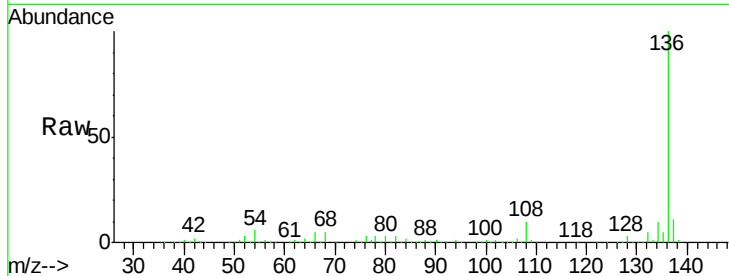
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	9.1	13.7
54	6.0	7.4	11.0#
68	5.4	5.8	8.8#

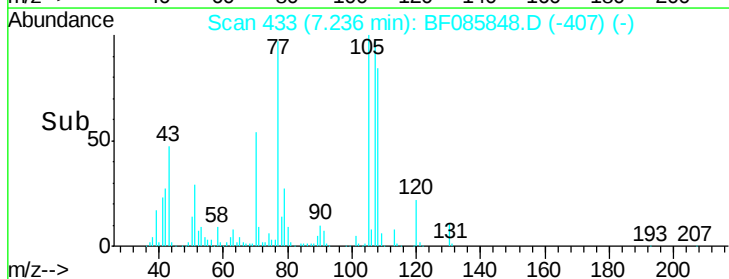
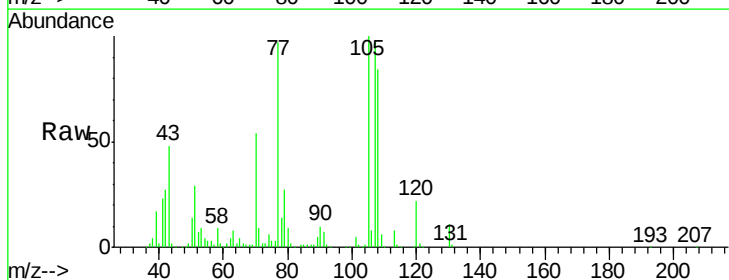
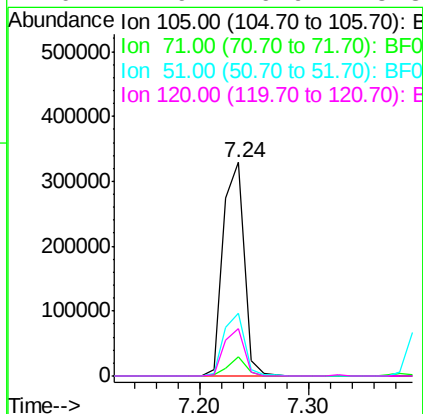
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#22
Acetophenone
Concen: 37.36 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	9.2	3.6	5.4#
51	29.2	25.4	38.0
120	21.9	16.9	25.3





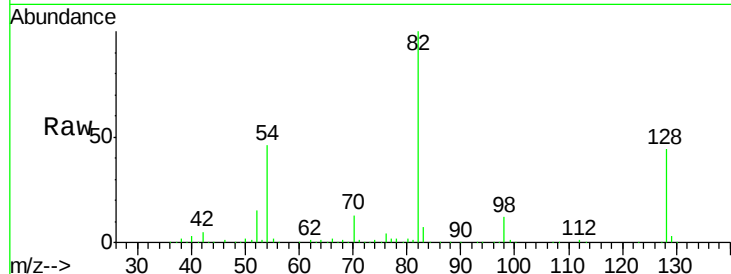
#23
 Nitrobenzene-d5
 Concen: 71.79 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

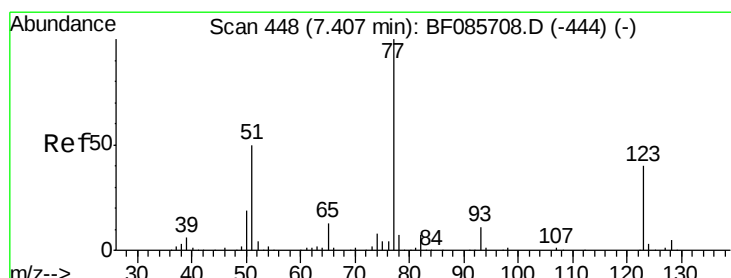
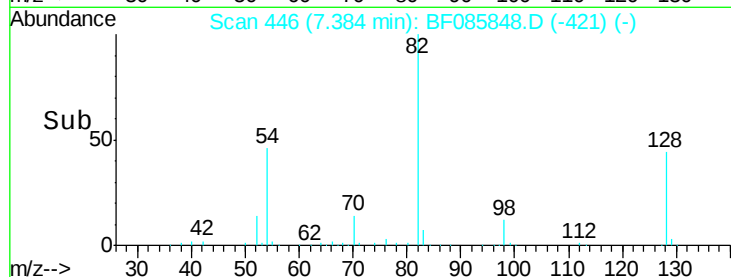
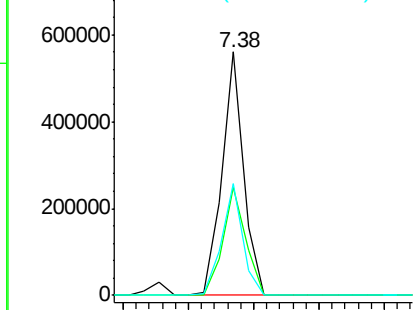
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	644533		
128	44.3	41.8	62.8	
54	46.1	33.4	50.0	

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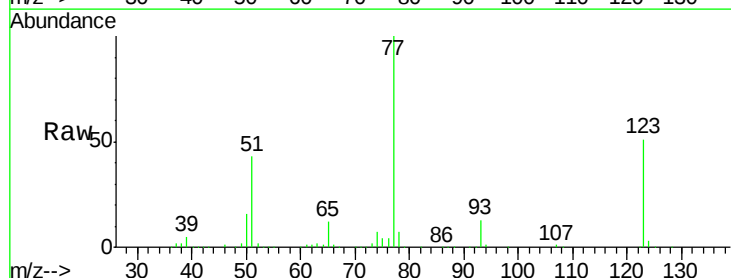


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

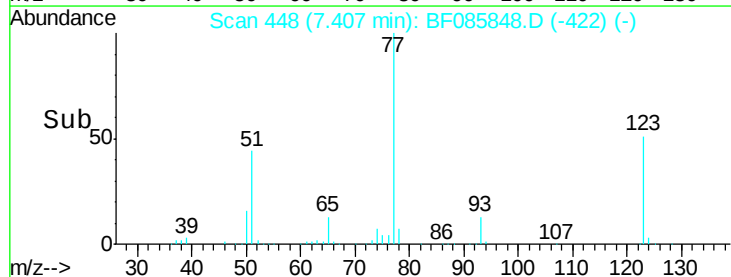
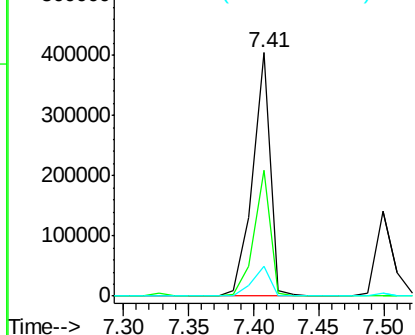


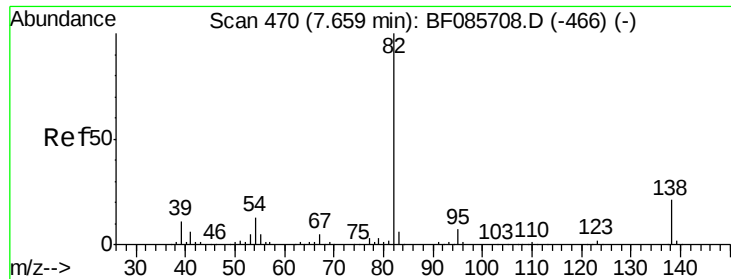
#24
 Nitrobenzene
 Concen: 41.04 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	379802		
123	51.4	35.0	52.4	
65	12.4	10.6	16.0	



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





#25

Isophorone

Concen: 38.21 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

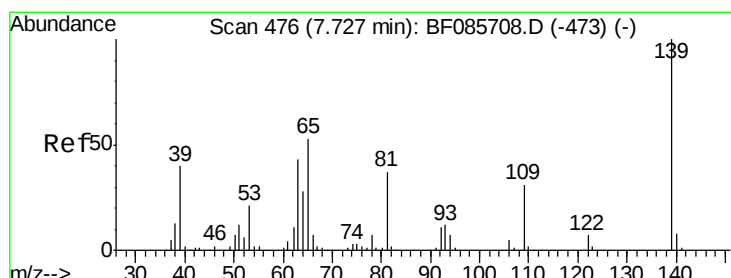
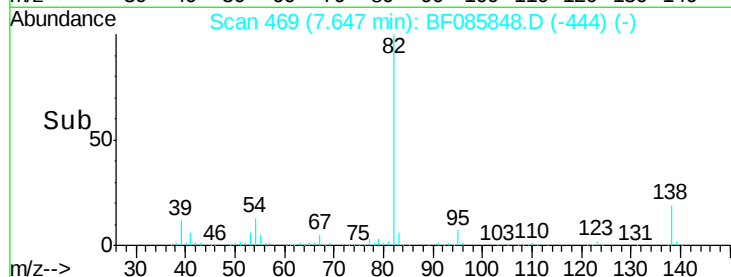
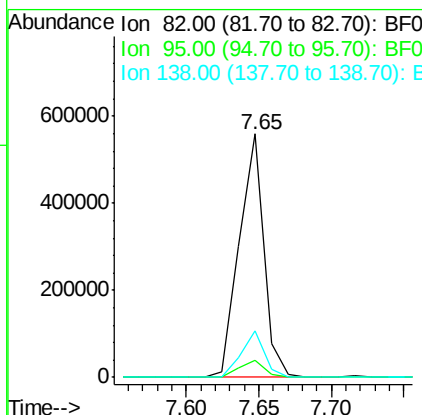
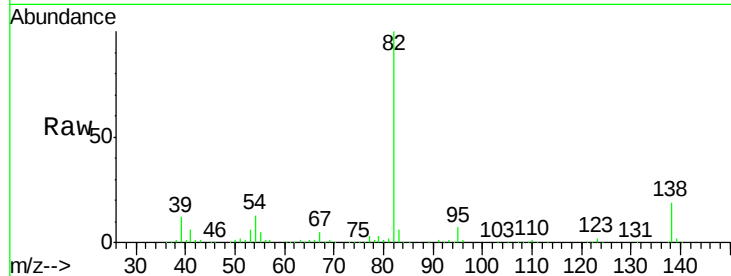
ClientSampleId :

13MSD

Tgt Ion:	82	Resp:	660907
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	19.1	12.9	19.3

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#26

2-Nitrophenol

Concen: 37.45 ng

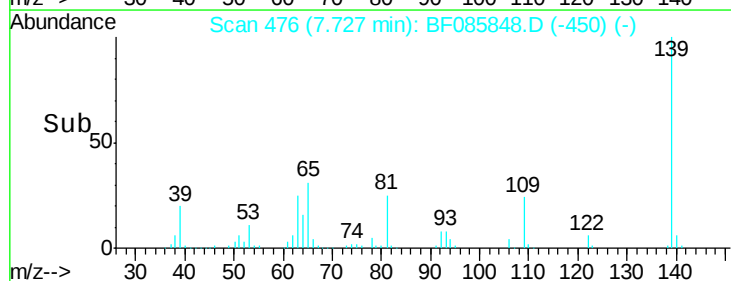
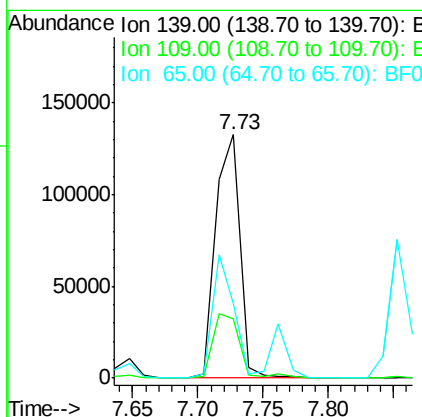
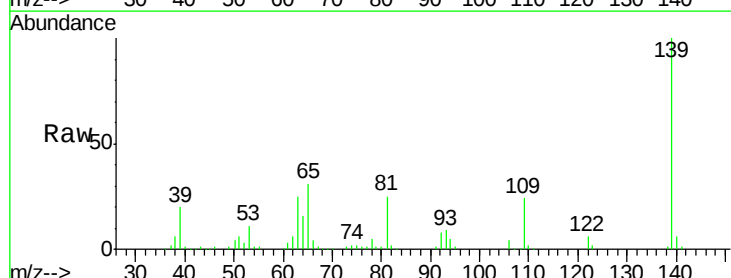
RT: 7.73 min Scan# 476

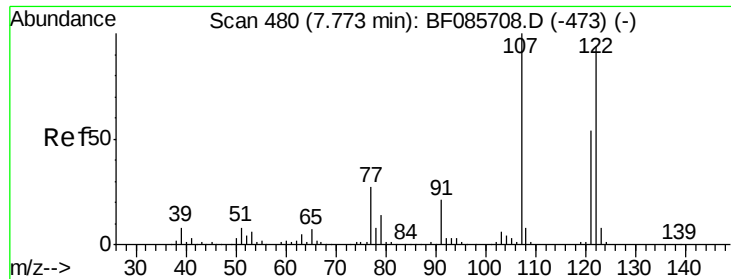
Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	139	Resp:	173378
Ion Ratio		Lower	Upper
139	100		
109	24.3	22.1	33.1
65	30.9	33.9	50.9#





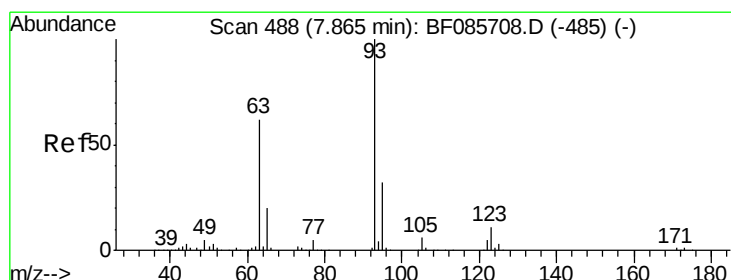
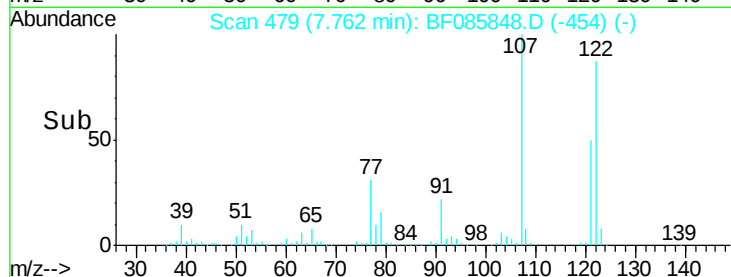
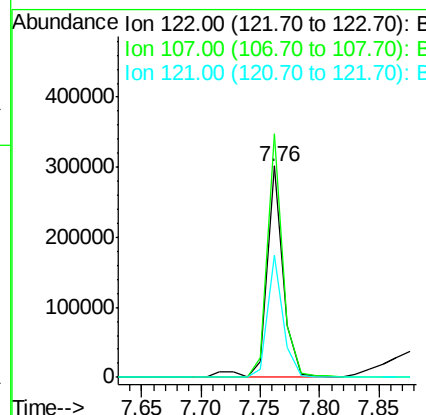
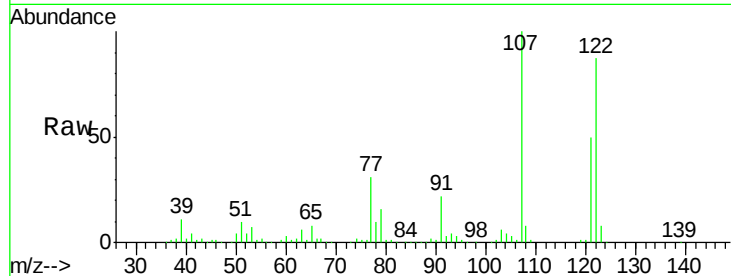
#27
 2,4-Dimethylphenol
 Concen: 35.86 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	290255		
107	115.4	93.0	139.6	
121	57.9	45.9	68.9	

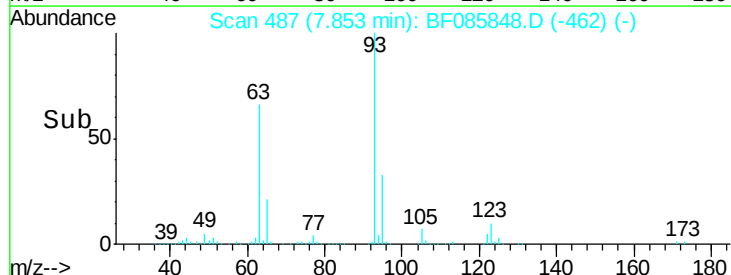
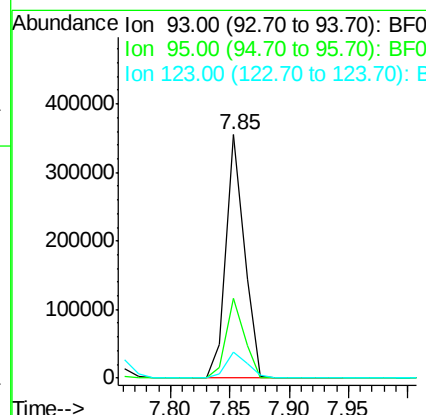
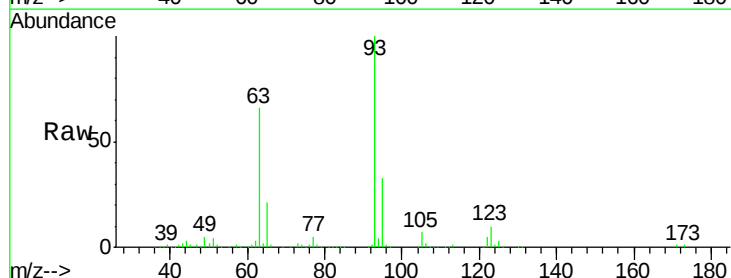
Manual Integrations
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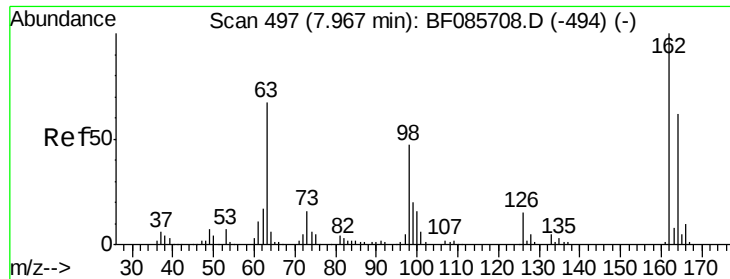
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.58 ng
 RT: 7.85 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	380173		
95	32.6	26.4	39.6	
123	10.4	9.8	14.6	





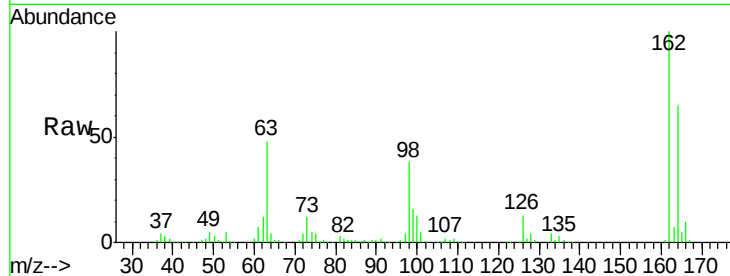
#29
2,4-Dichlorophenol
Concen: 40.24 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampled :
13MSD

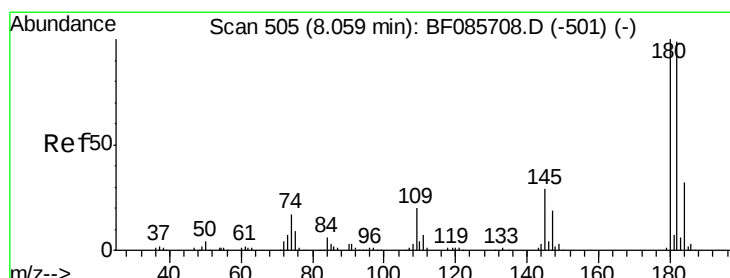
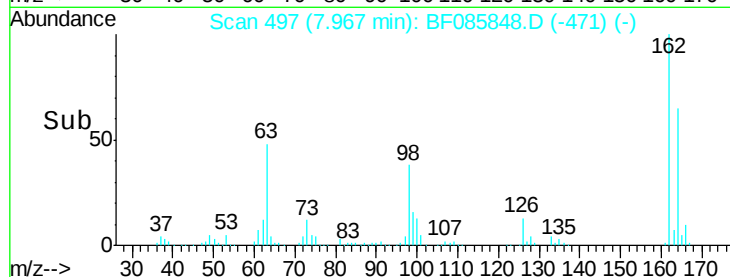
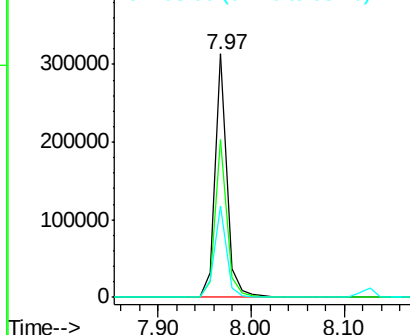
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	273740		
164	65.0	43.7	83.7	
98	37.5	20.4	60.4	

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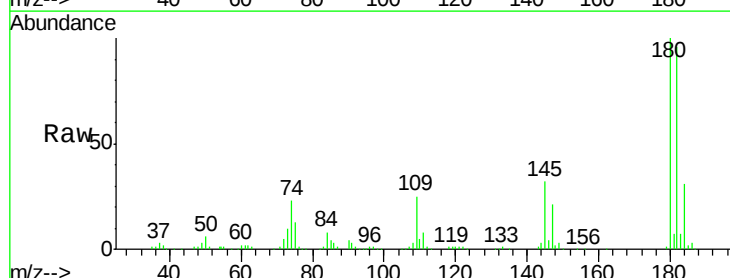


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

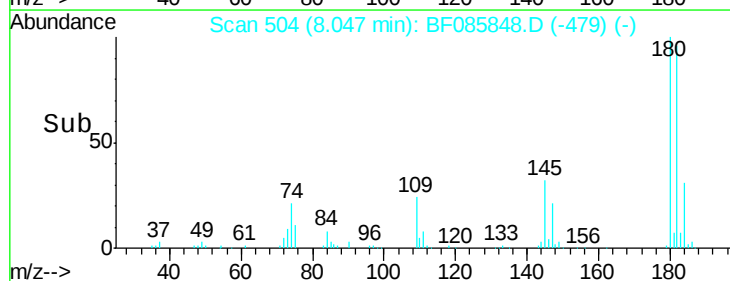
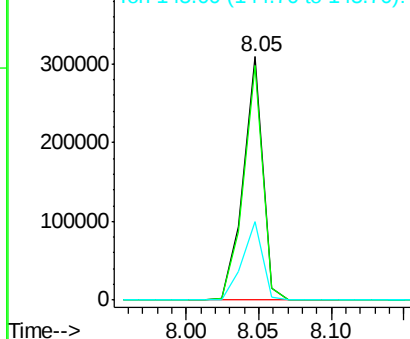


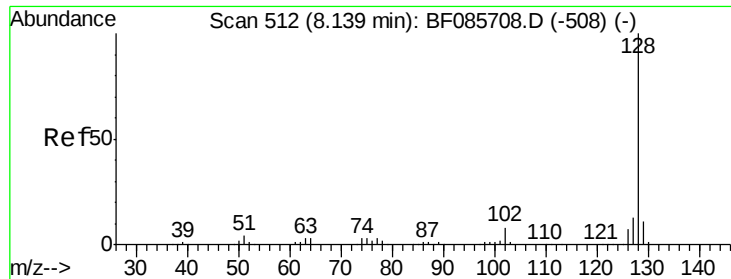
#30
1,2,4-Trichlorobenzene
Concen: 38.12 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	287895		
182	96.4	73.8	110.8	
145	32.1	28.4	42.6	



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





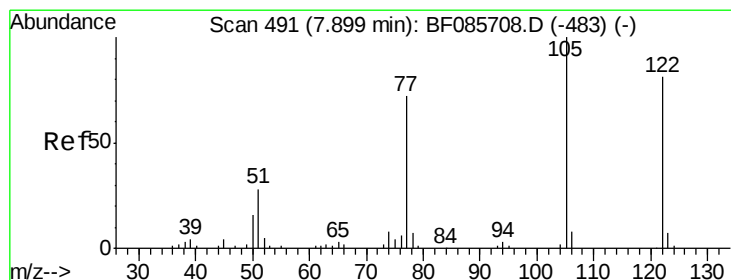
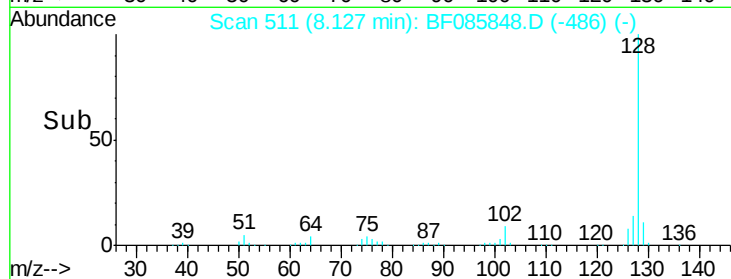
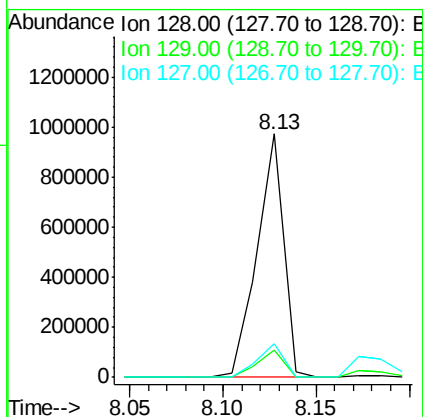
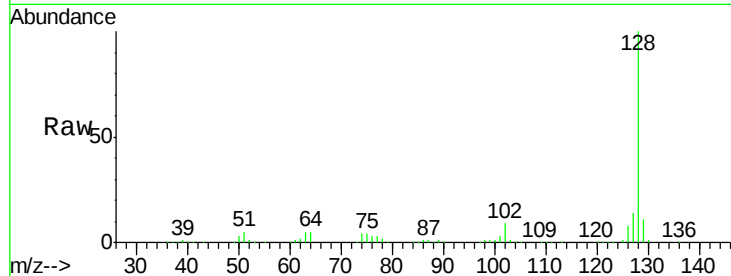
#31
Naphthalene
Concen: 37.60 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	957898		
129	11.1	9.4	14.0	
127	13.7	11.0	16.6	

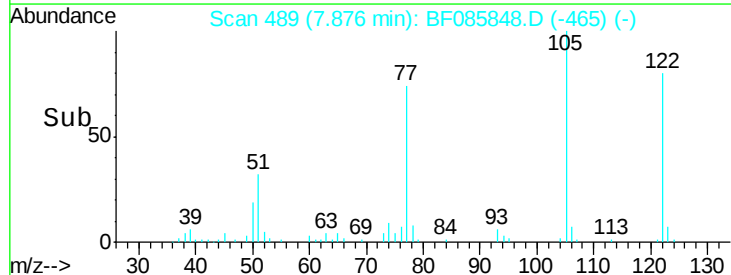
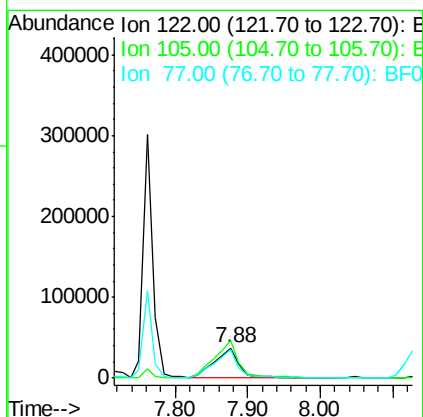
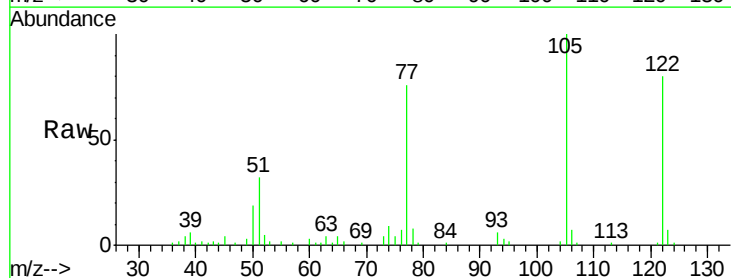
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#32
Benzoic acid
Concen: 16.50 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	88688		
105	124.6	102.9	142.9	
77	94.3	71.8	111.8	





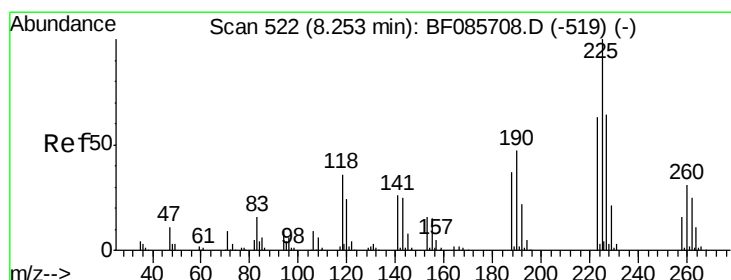
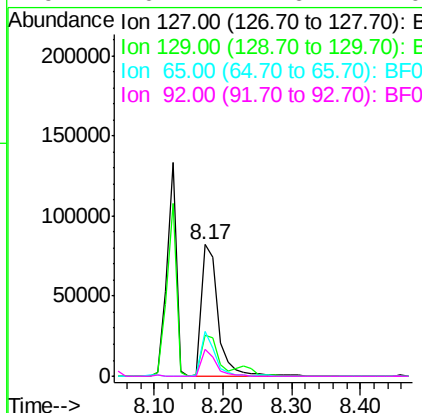
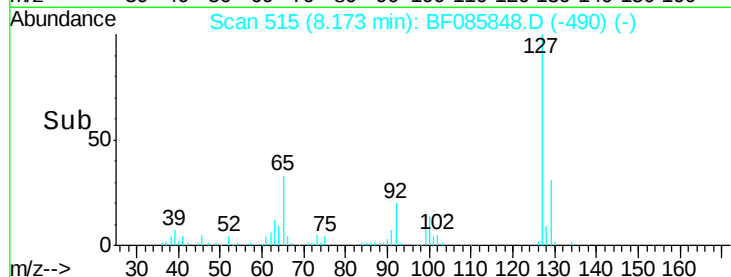
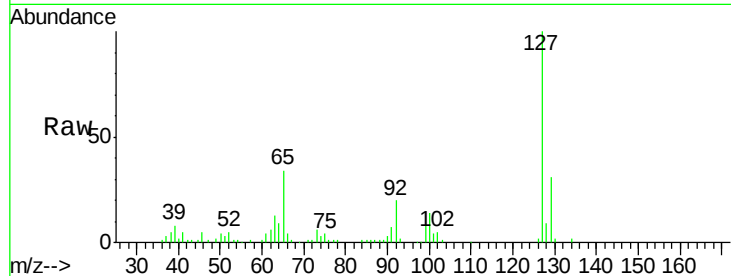
#33
4-Chloroaniline
Concen: 13.22 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	137495		
129	31.5	26.1	39.1	
65	34.1	19.5	29.3	
92	20.4	14.6	22.0	

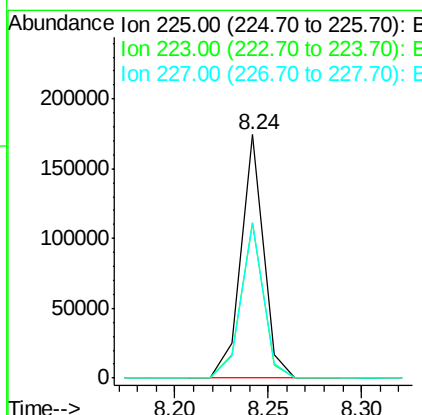
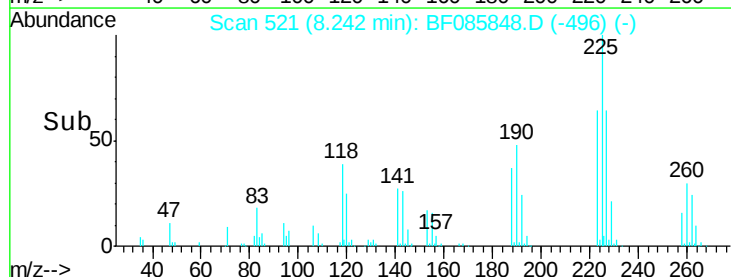
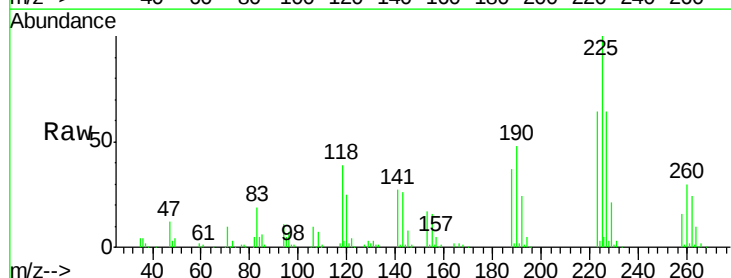
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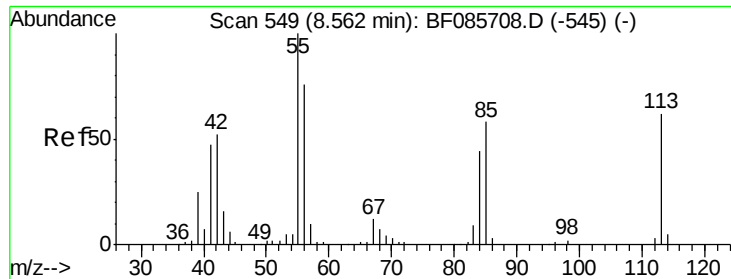
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#34
Hexachlorobutadiene
Concen: 36.21 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148643		
223	64.0	50.4	75.6	
227	63.9	51.4	77.2	





#35

Caprolactam

Concen: 33.79 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampled :

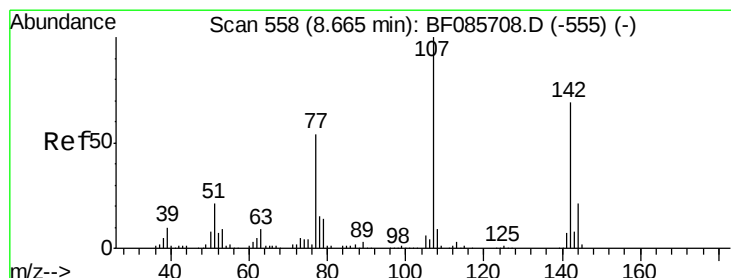
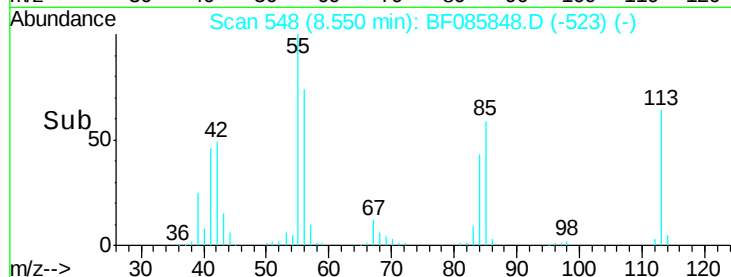
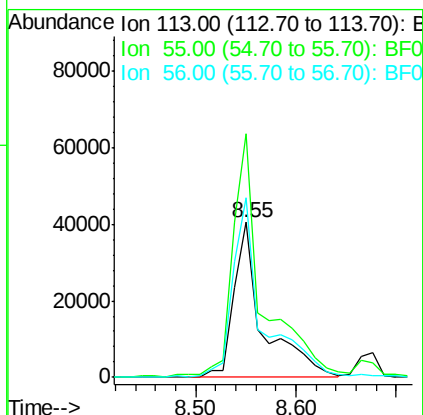
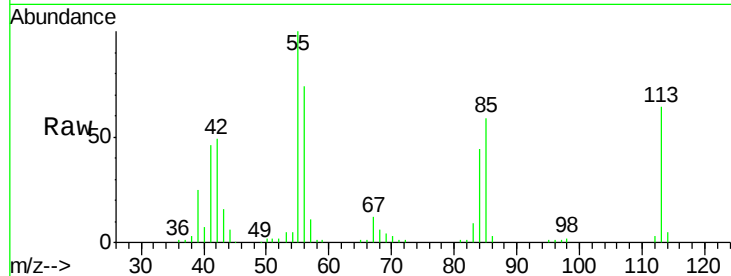
13MSD

Tgt Ion:113 Resp: 81428

Ion	Ratio	Lower	Upper
113	100		
55	157.1	139.4	179.4
56	116.2	100.4	140.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 36.92 ng

RT: 8.68 min Scan# 559

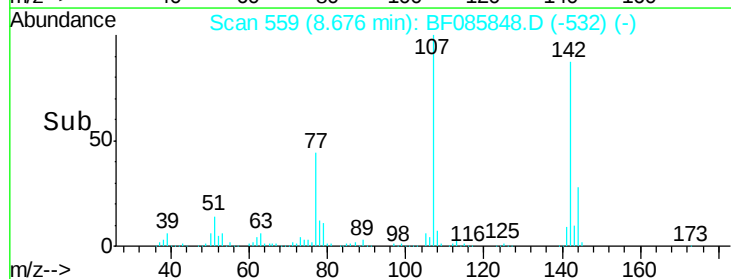
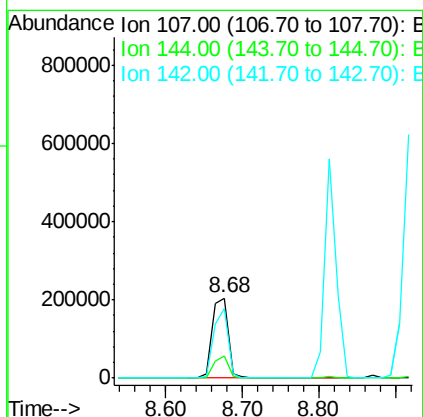
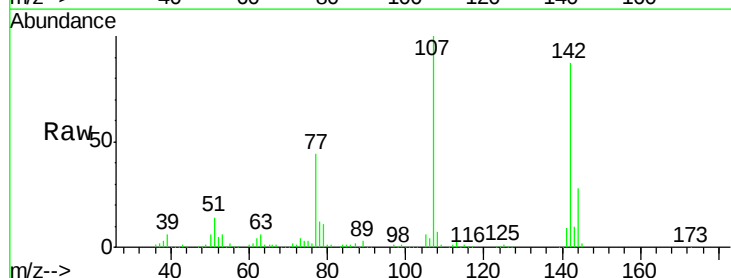
Delta R.T. 0.01 min

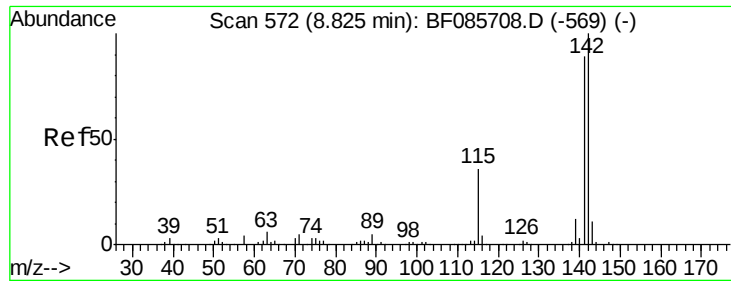
Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:107 Resp: 293402

Ion	Ratio	Lower	Upper
107	100		
144	28.4	19.3	28.9
142	87.1	61.4	92.0





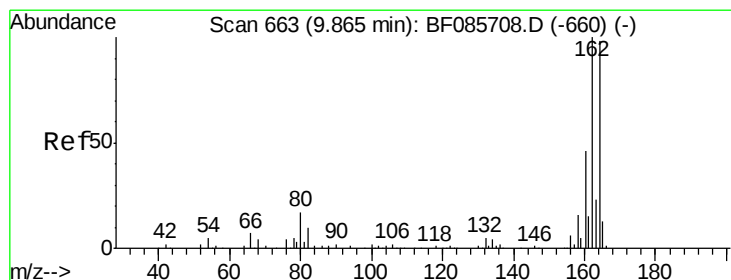
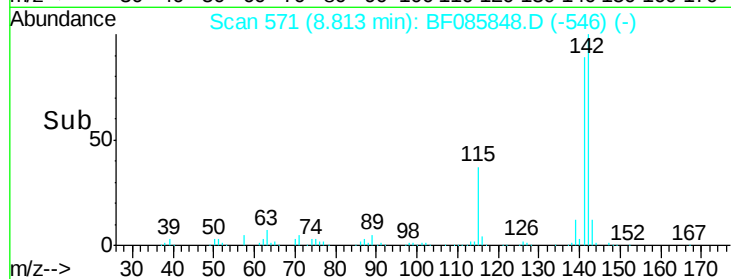
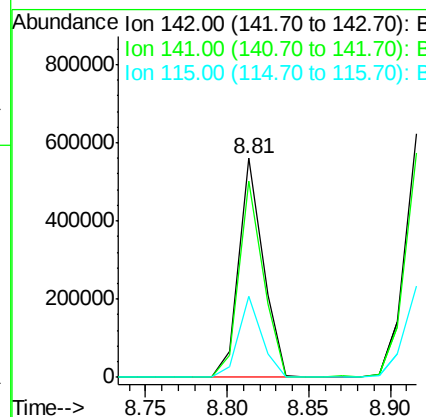
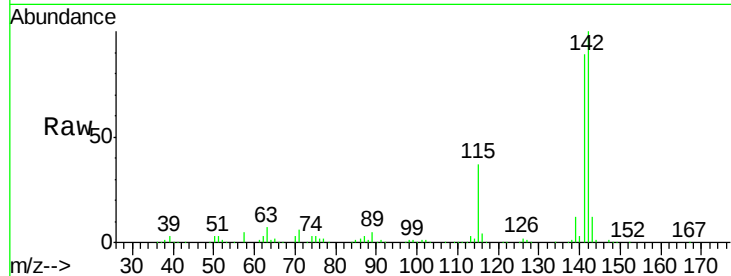
#37
 2-Methylnaphthalene
 Concen: 37.35 ng
 RT: 8.81 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	37.2	26.8	40.2

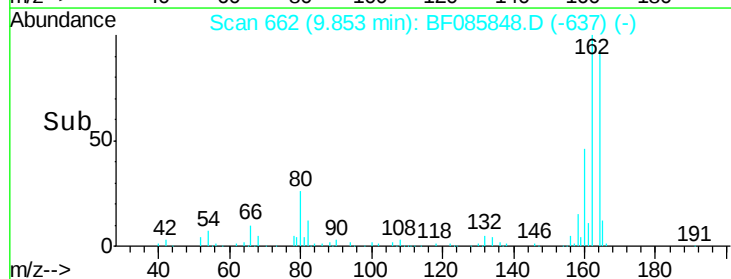
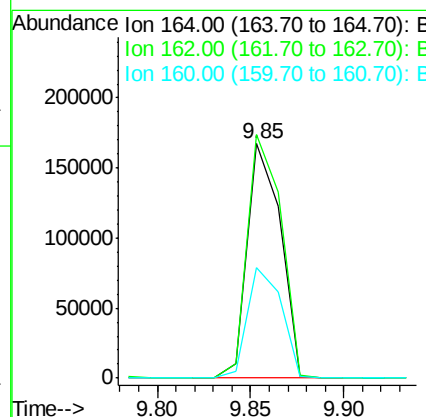
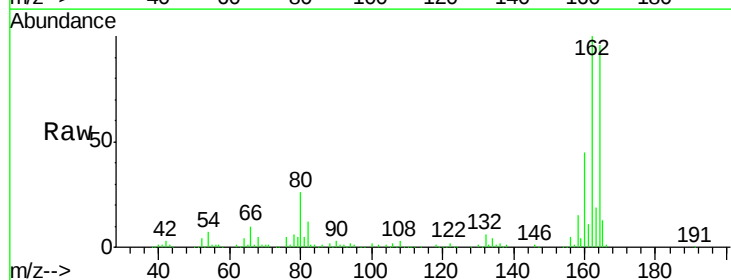
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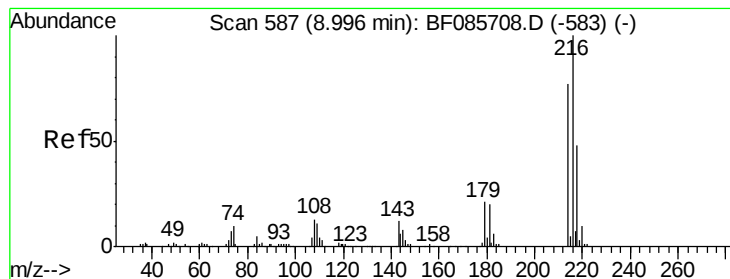
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.1	123.1
160	47.2	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.77 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085848.D

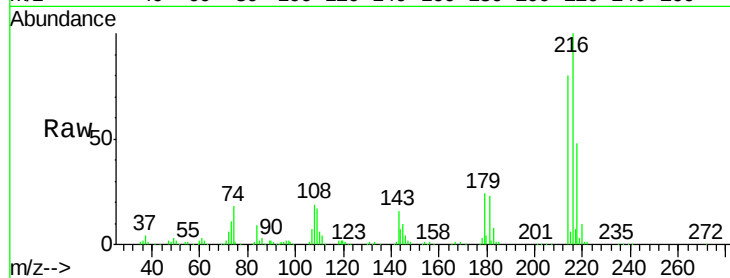
Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD



Tgt Ion:216 Resp: 249535

Ion Ratio Lower Upper

216 100

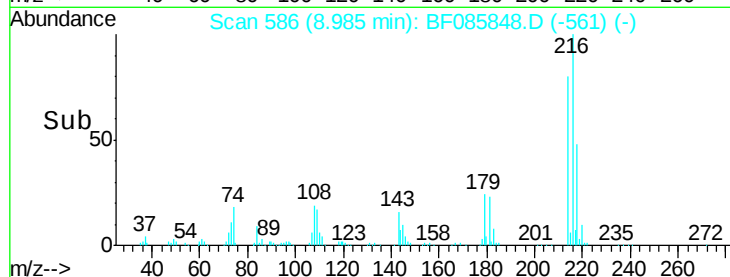
214 79.7 63.1 94.7

179 24.3 18.2 27.2

108 22.8 17.3 25.9

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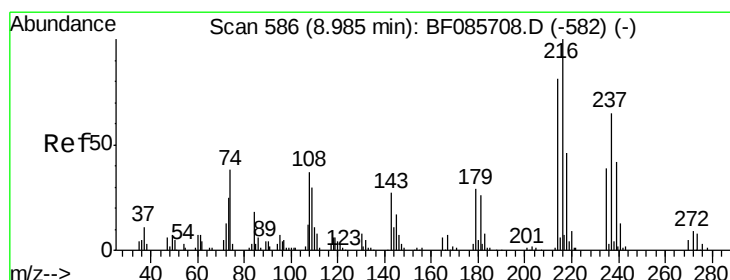
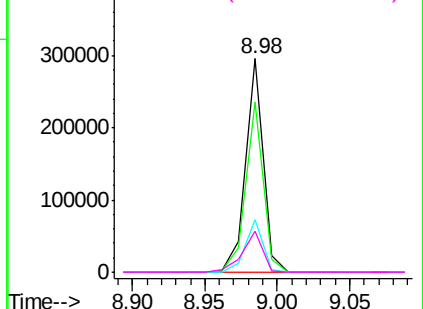


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.54 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

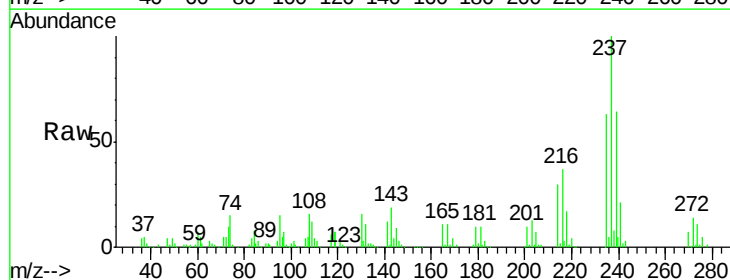
Tgt Ion:237 Resp: 110522

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

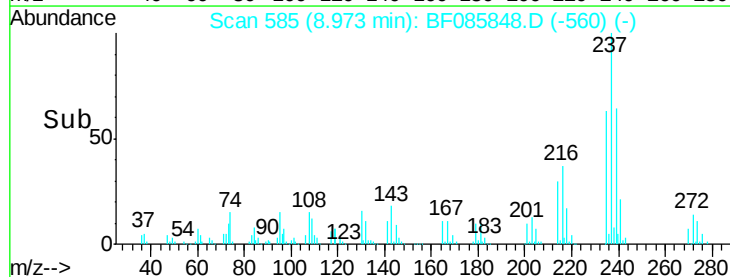
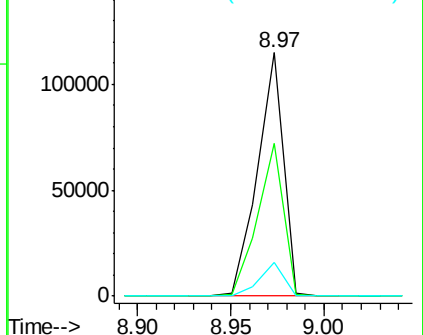
272 13.6 0.0 31.9

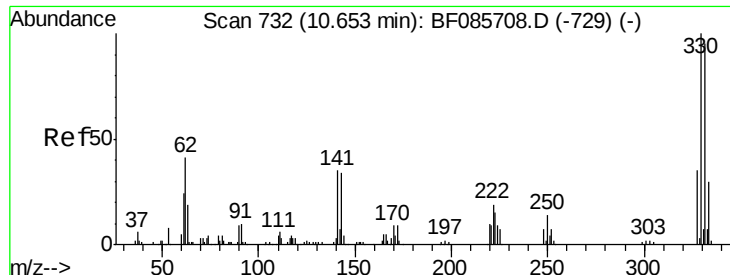


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





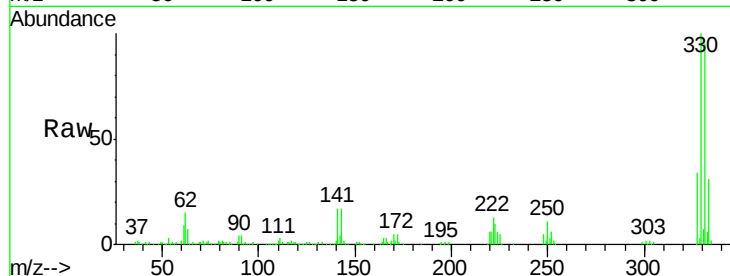
#41
 2,4,6-Tribromophenol
 Concen: 132.01 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 13MSD

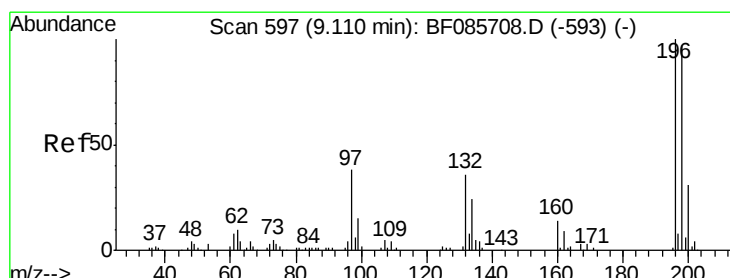
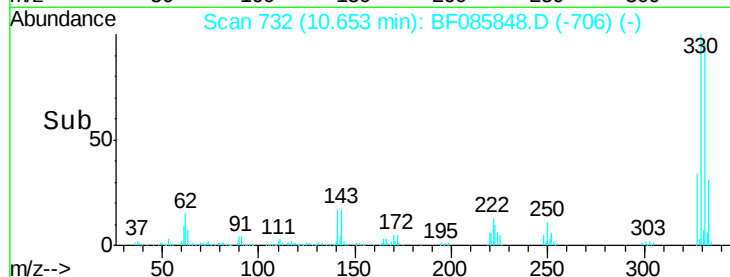
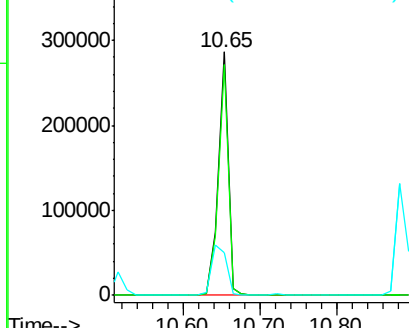
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	258869		
332	94.9	78.2	117.2	
141	31.1	31.5	47.3#	

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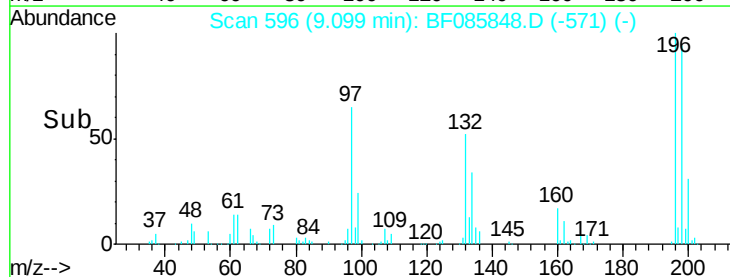
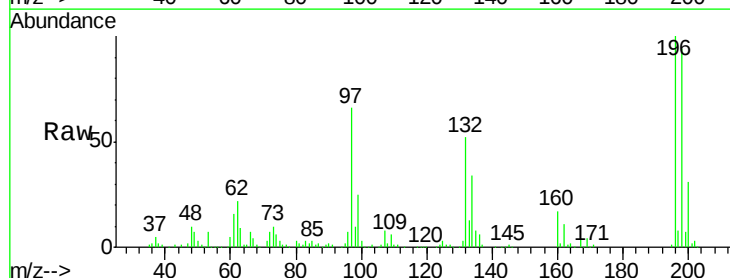
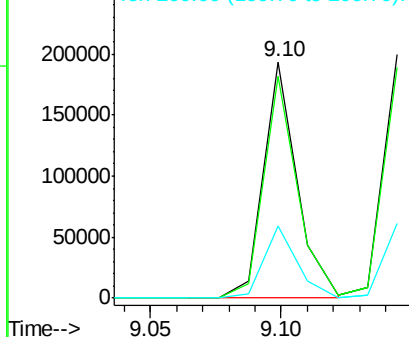
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

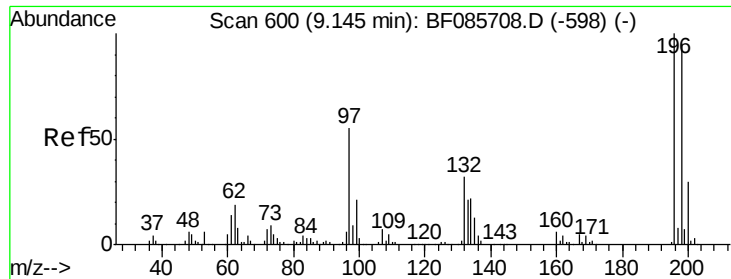


#42
 2,4,6-Trichlorophenol
 Concen: 42.00 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173633		
198	93.7	75.3	112.9	
200	30.6	23.7	35.5	

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





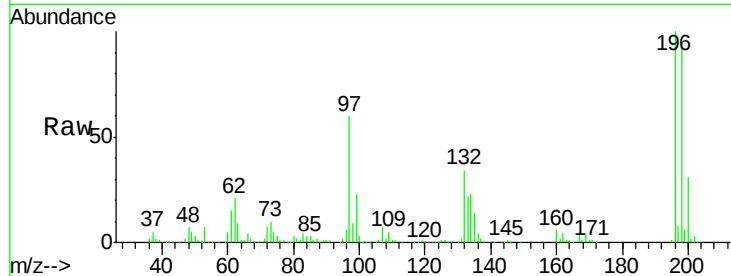
#43
 2,4,5-Trichlorophenol
 Concen: 42.10 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 13MSD

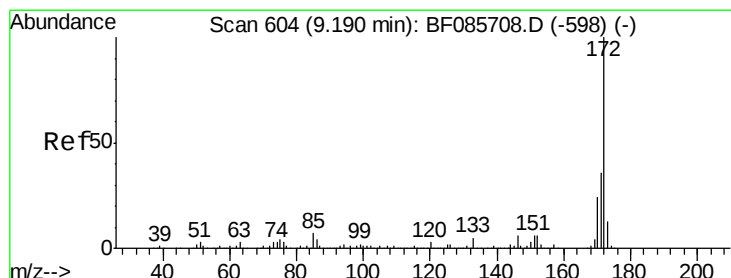
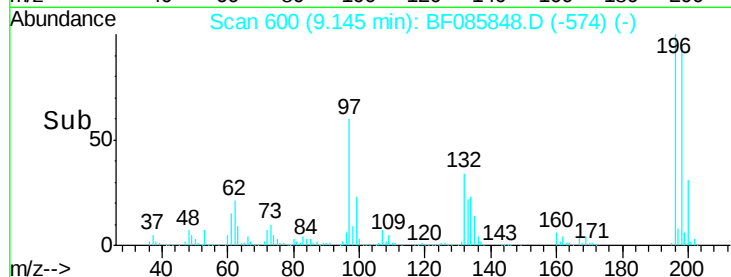
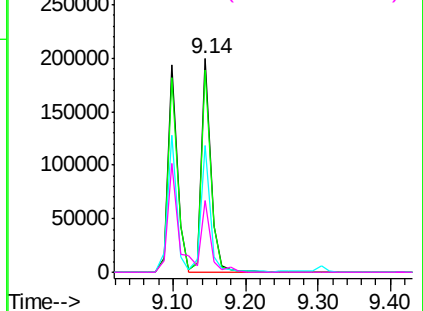
Tgt Ion:	196	Resp:	182514
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.6	114.8
97	59.5	30.5	45.7#
132	33.8	20.2	30.2#

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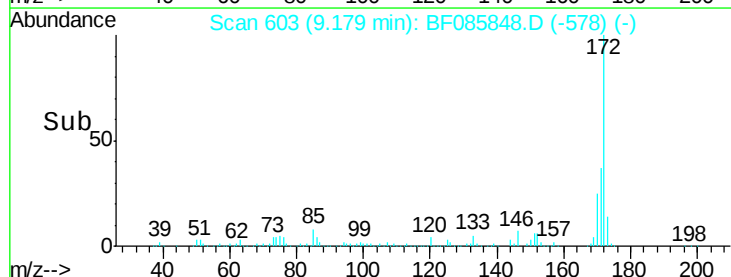
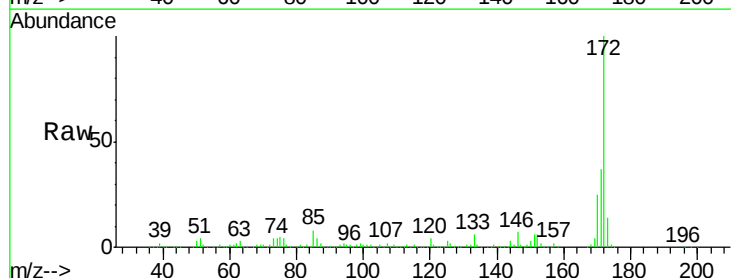
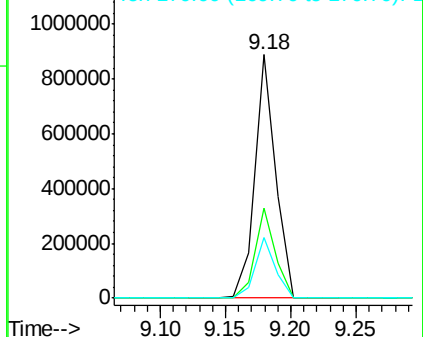
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion:	172	Resp:	983319
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.2
170	24.7	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: 39.04 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

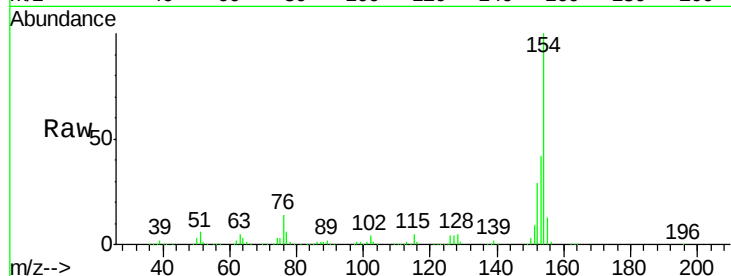
ClientSampled :

13MSD

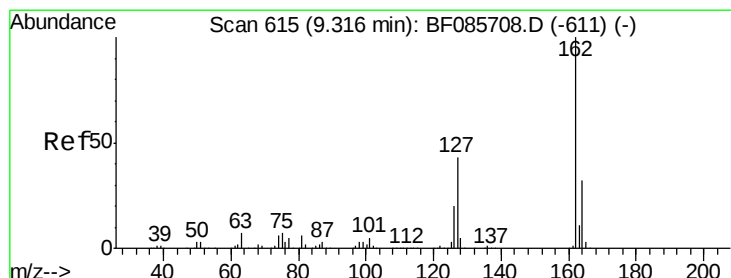
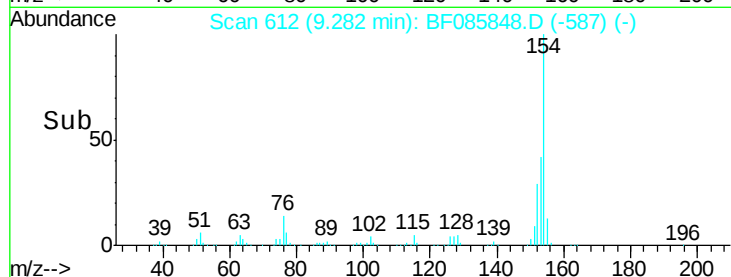
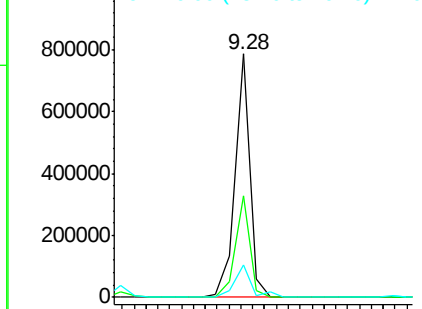
Tgt Ion:	154	Resp:	679974
Ion Ratio	Lower	Upper	
154	100		
153	41.6	20.8	60.8
76	13.6	0.0	36.7

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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: 39.19 ng

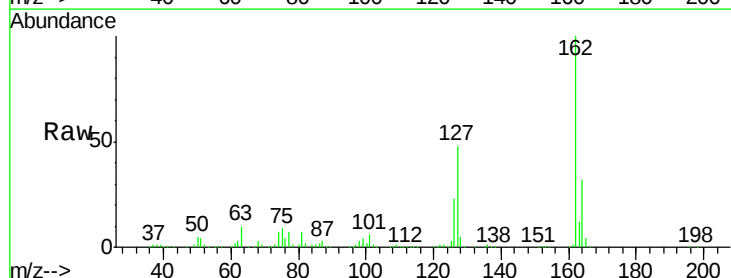
RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

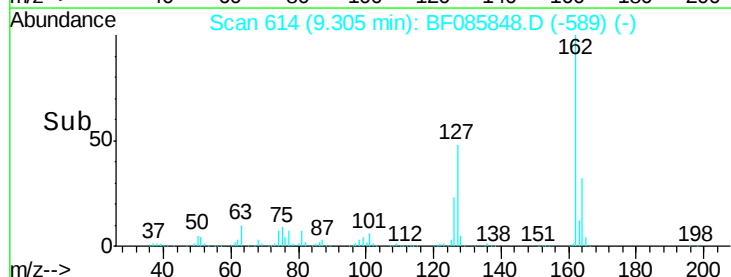
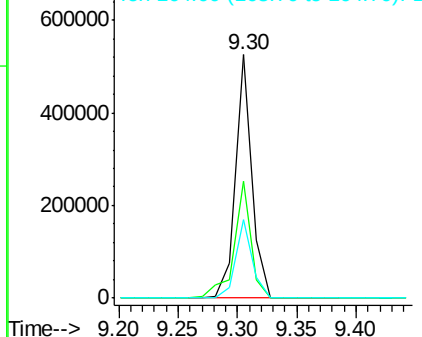
Lab File: BF085848.D

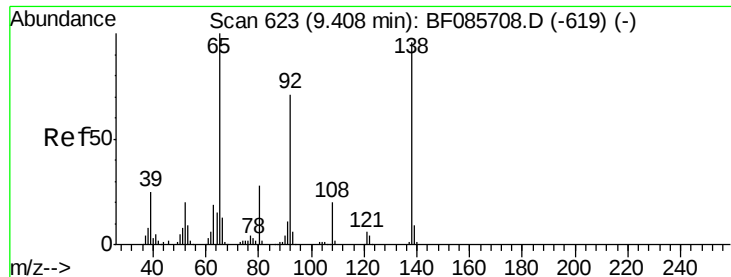
Acq: 29 Mar 2016 13:08

Tgt Ion:	162	Resp:	501847
Ion Ratio	Lower	Upper	
162	100		
127	47.9	31.7	47.5#
164	32.3	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: 45.42 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

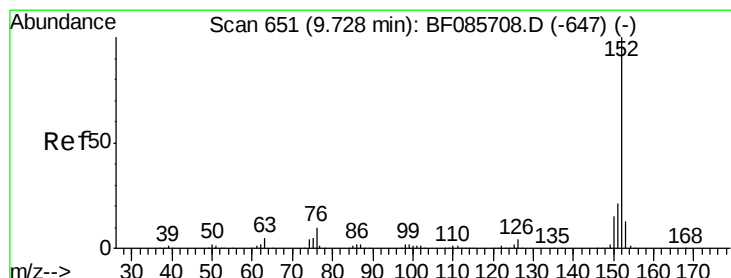
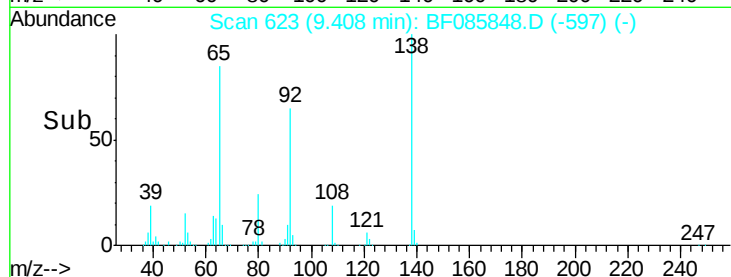
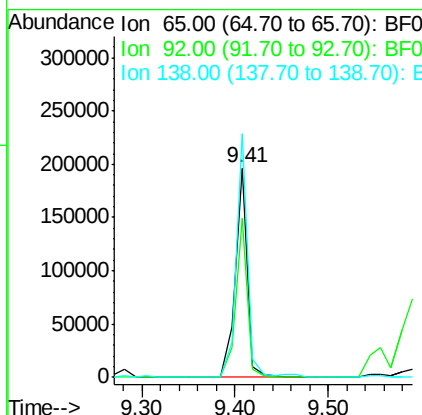
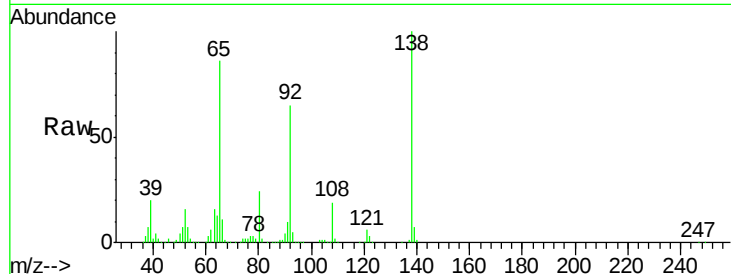
ClientSampleId :

13MSD

Tgt Ion:	65	Resp:	177856
Ion Ratio	Lower	Upper	
65	100		
92	76.0	59.7	89.5
138	116.4	91.4	137.0

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#48

Acenaphthylene

Concen: 38.23 ng

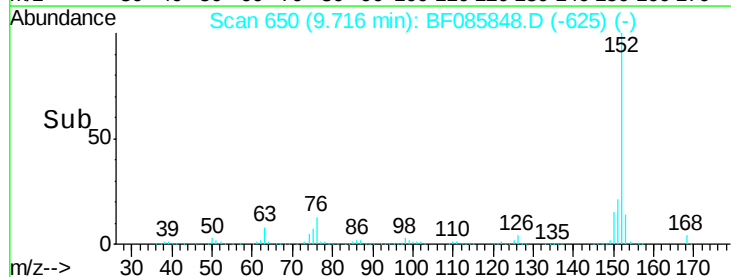
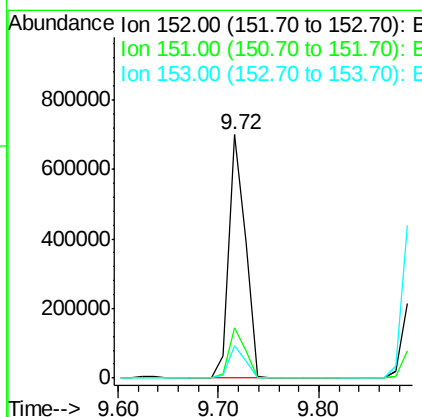
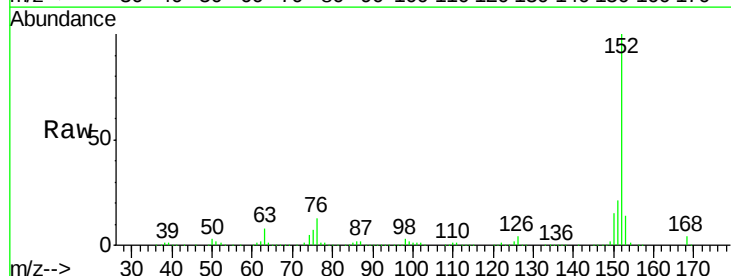
RT: 9.72 min Scan# 650

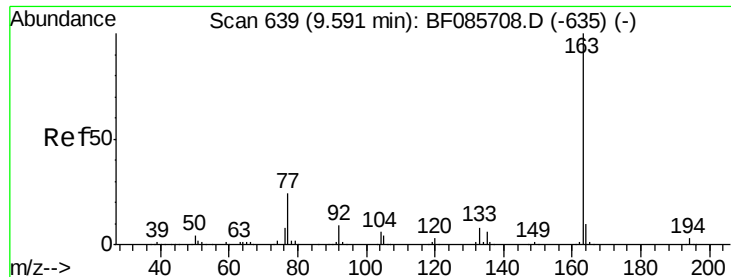
Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	152	Resp:	797772
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.6	10.9	16.3





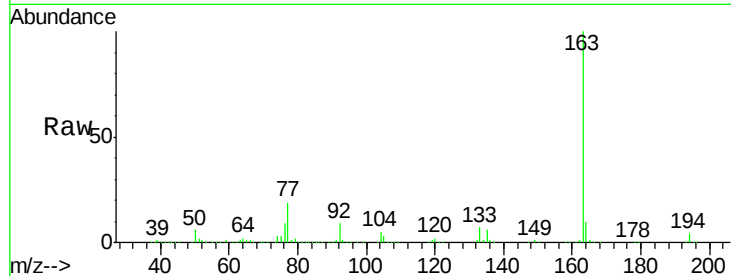
#49
Dimethylphthalate
Concen: 57.83 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

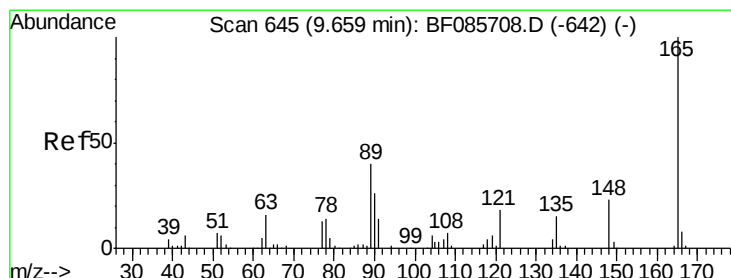
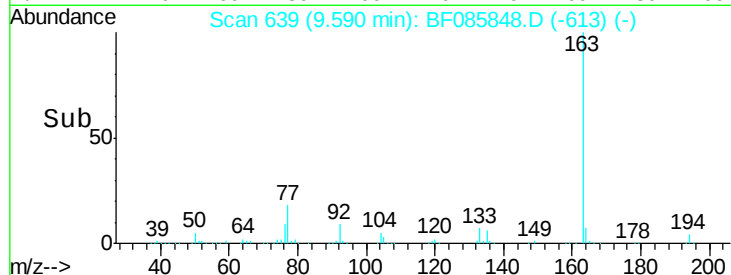
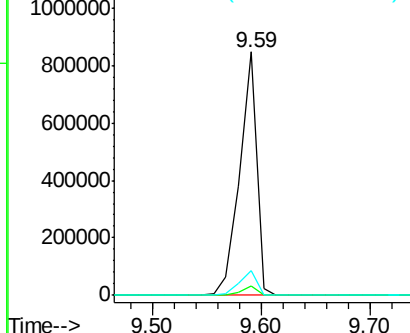
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	10.1	8.3	12.5

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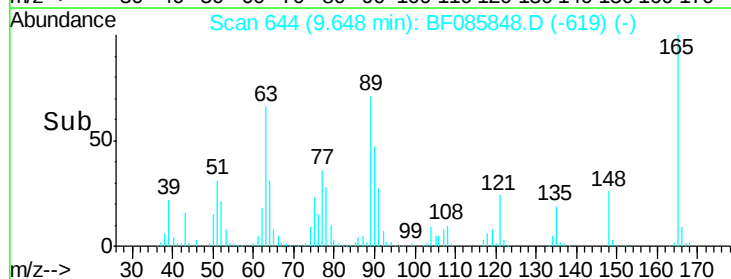
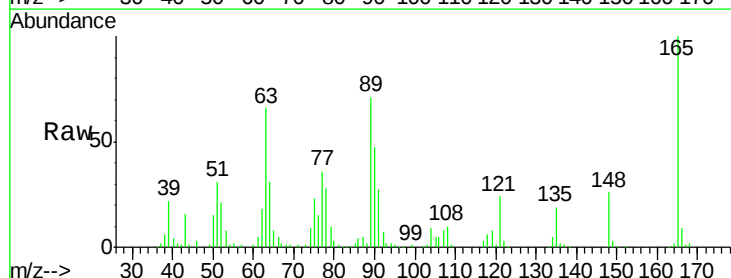
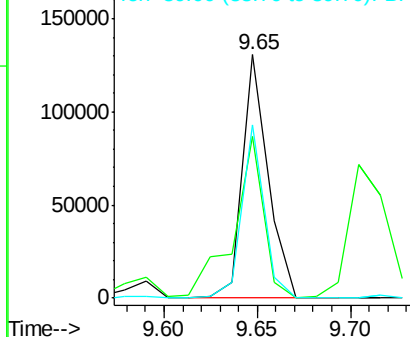
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 37.10 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	66.4	51.8	77.8
89	71.4	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





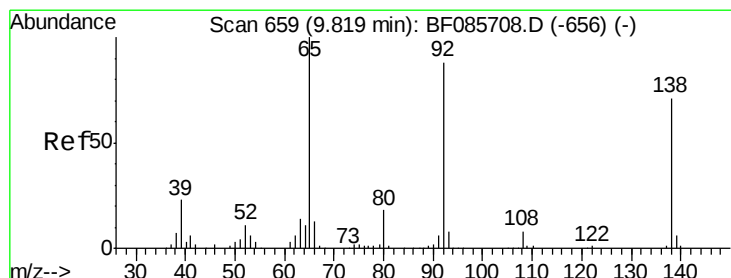
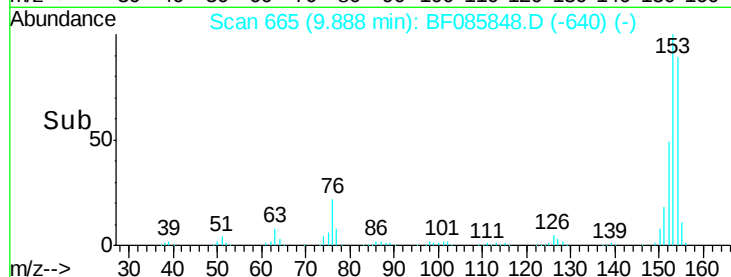
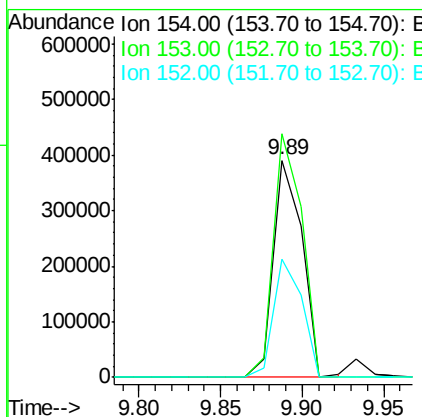
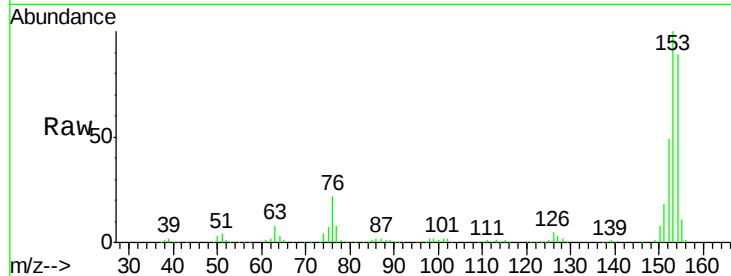
#51
Acenaphthene
Concen: 37.92 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampled :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	483307		
153	112.3	90.1	135.1	
152	54.7	44.2	66.2	

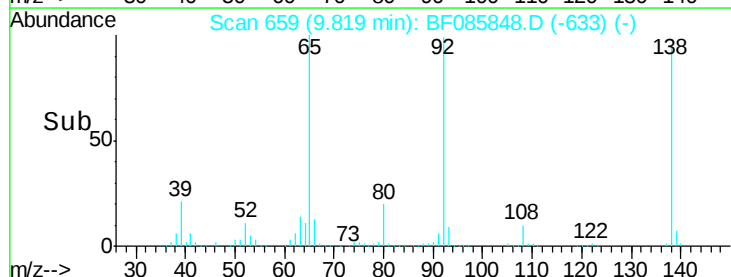
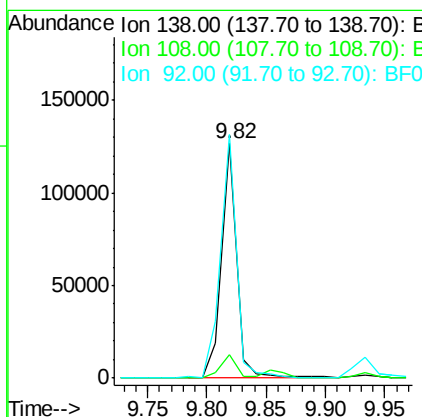
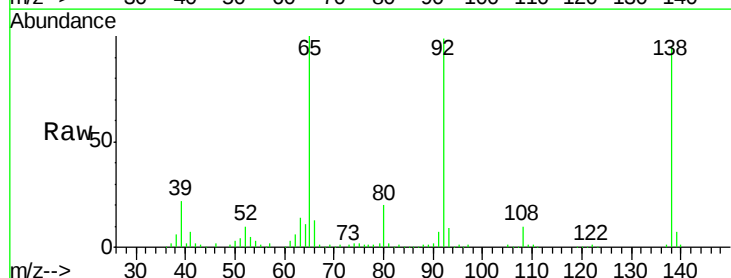
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#52
3-Nitroaniline
Concen: 28.82 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	111204		
108	10.0	8.7	13.1	
92	104.0	93.3	139.9	





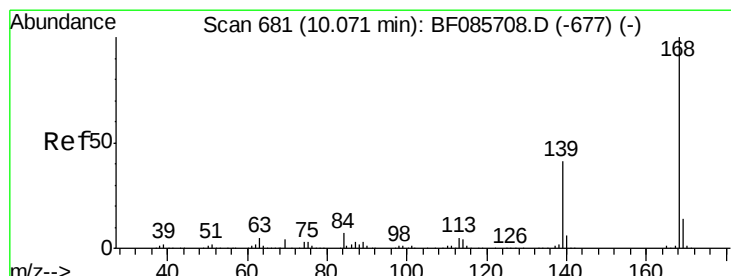
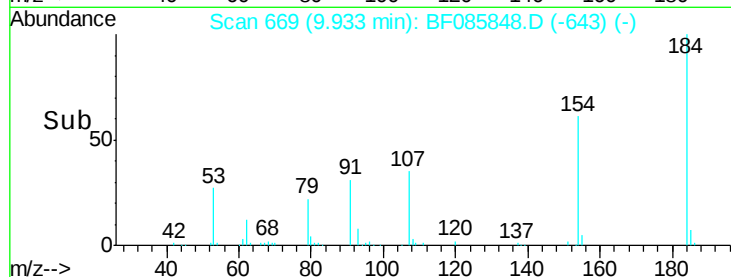
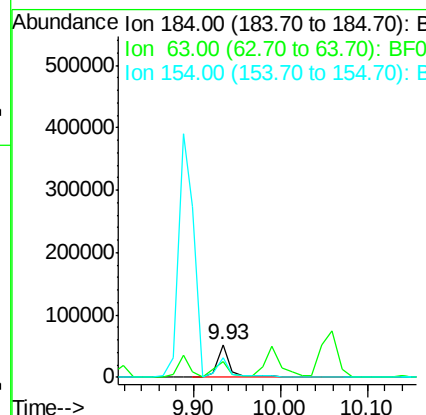
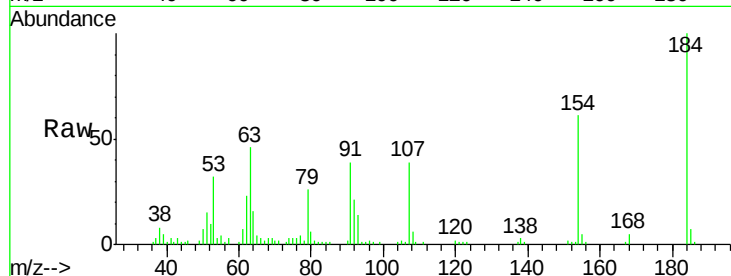
#53
2,4-Dinitrophenol
Concen: 37.40 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampled :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	57768		
63	46.1	69.5	104.3#	
154	61.3	58.3	87.5	

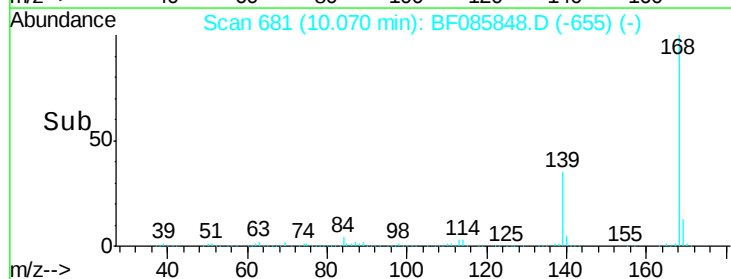
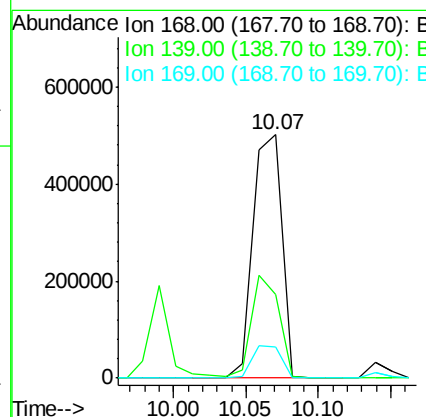
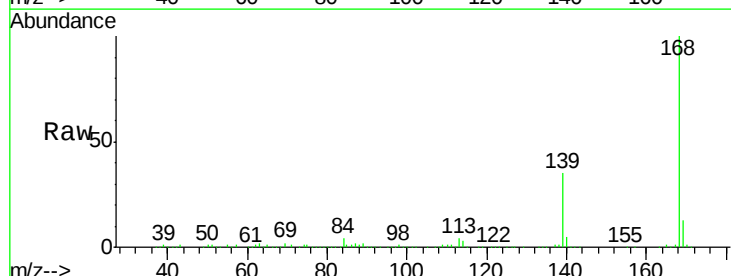
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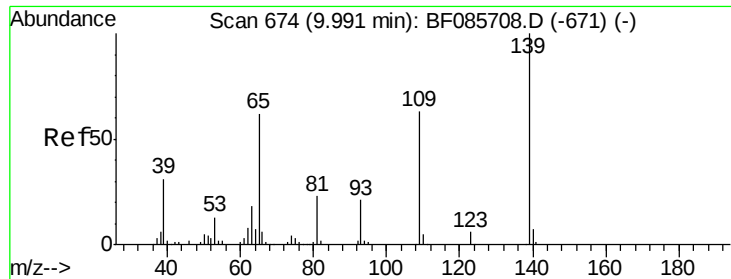
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#54
Dibenzofuran
Concen: 41.99 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	692662		
139	34.5	31.9	47.9	
169	12.9	11.0	16.6	





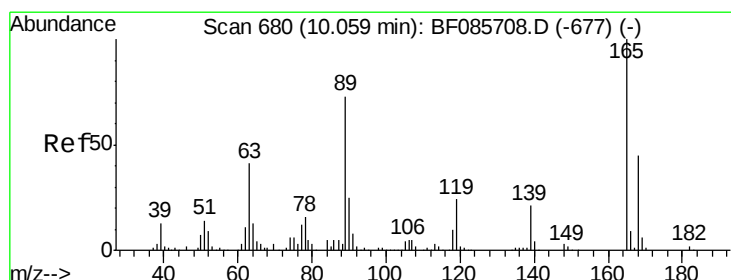
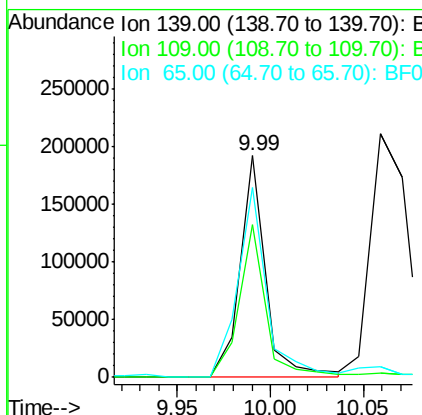
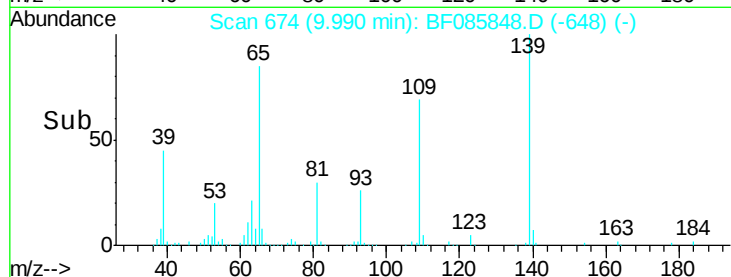
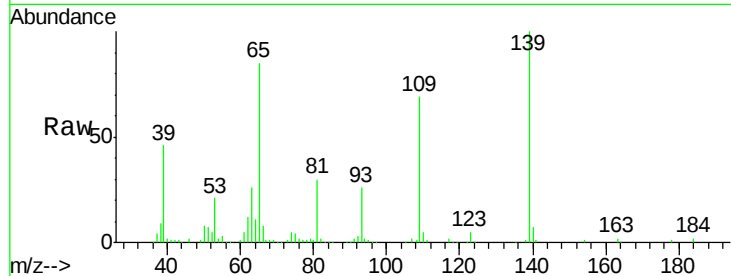
#55
4-Nitrophenol
Concen: 73.79 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	185464		
109	69.2	49.2	89.2	
65	85.4	66.9	106.9	

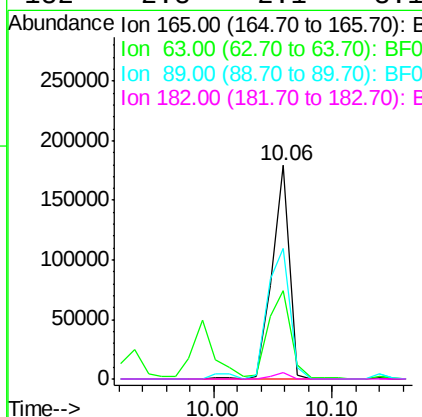
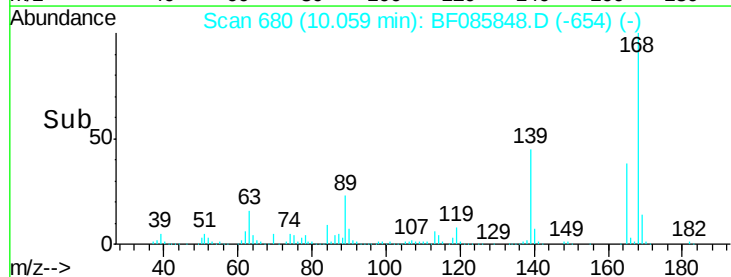
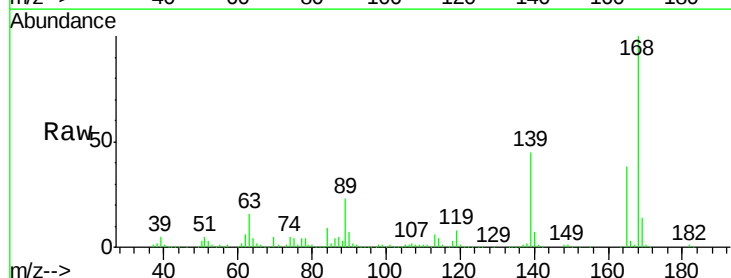
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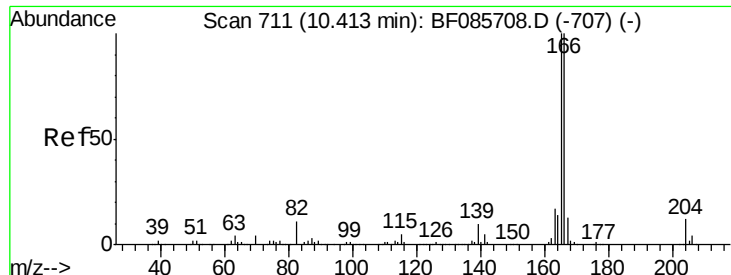
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#56
2,4-Dinitrotoluene
Concen: 42.55 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182293		
63	41.1	24.9	37.3#	
89	61.4	41.0	61.6	
182	2.8	2.1	3.1	





#57

Fluorene

Concen: 37.30 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

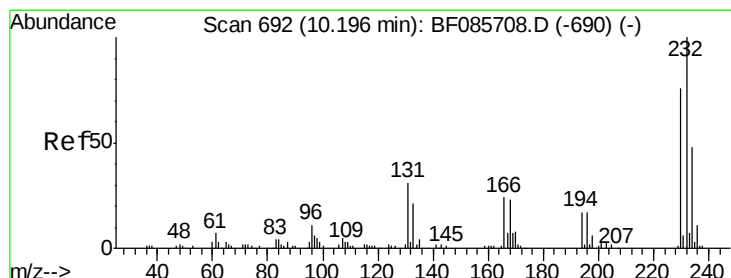
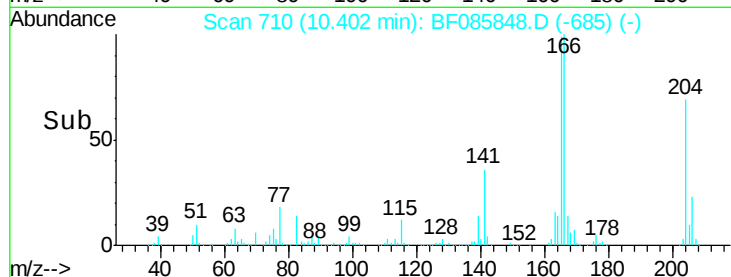
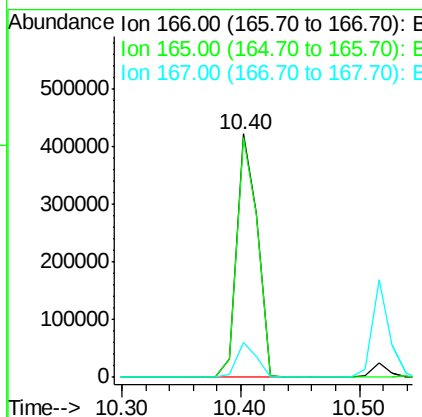
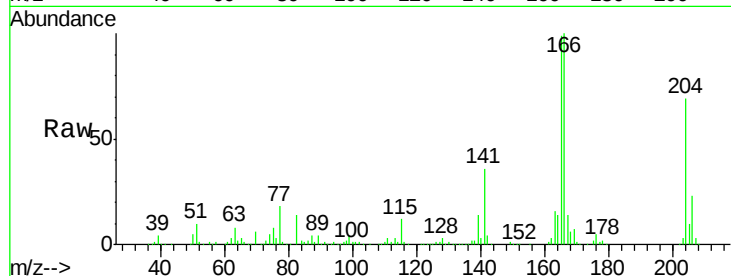
ClientSampled :

13MSD

Tgt Ion:	166	Resp:	511572
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.4	119.0
167	14.1	11.0	16.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.12 ng

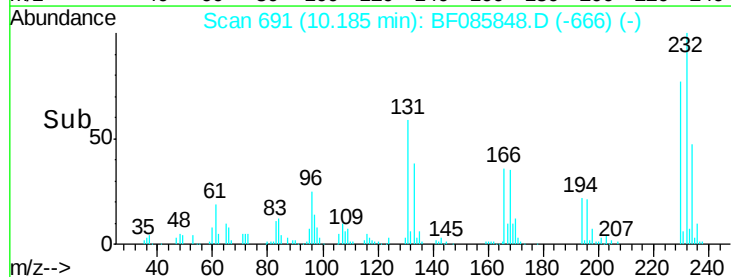
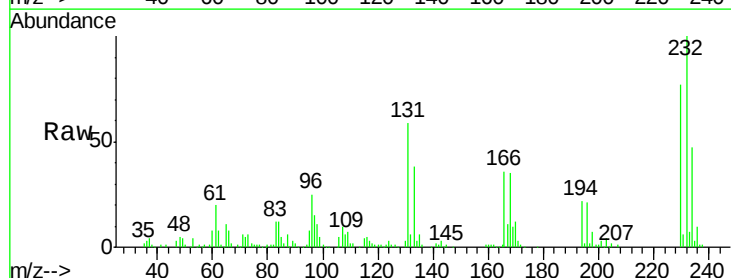
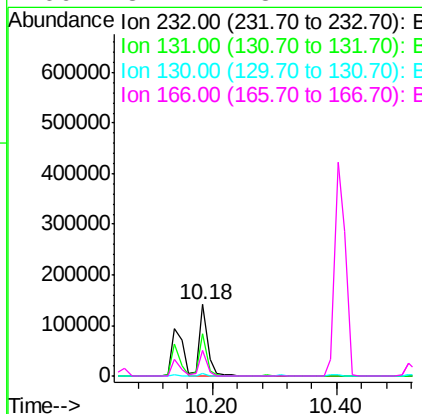
RT: 10.18 min Scan# 691

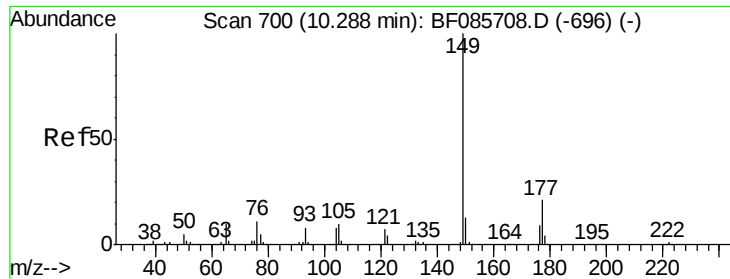
Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	232	Resp:	135955
Ion Ratio	Lower	Upper	
232	100		
131	54.8	44.9	67.3
130	2.7	2.3	3.5
166	32.1	28.1	42.1





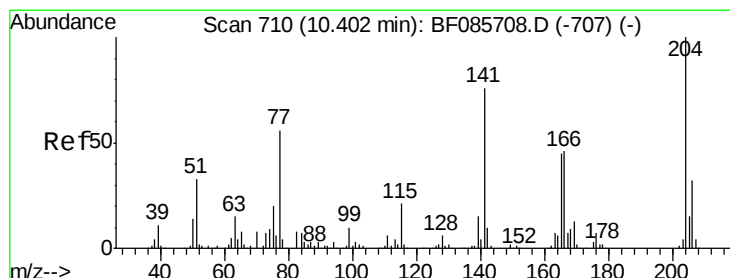
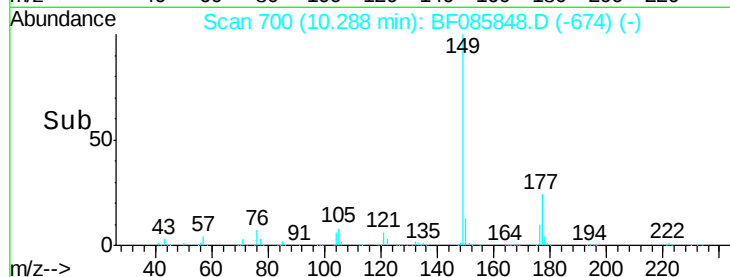
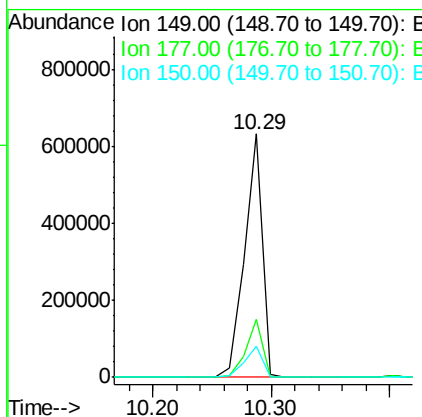
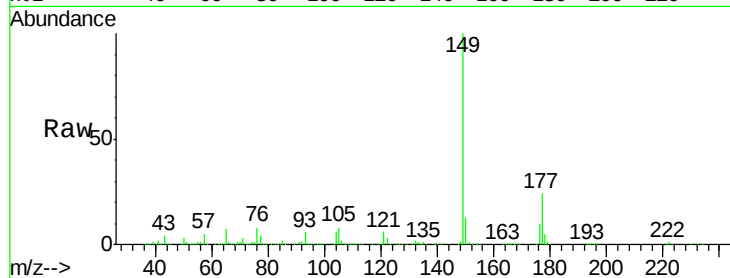
#59
Diethylphthalate
Concen: 42.61 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	659198		
177	23.6	17.9	26.9	
150	12.6	10.2	15.2	

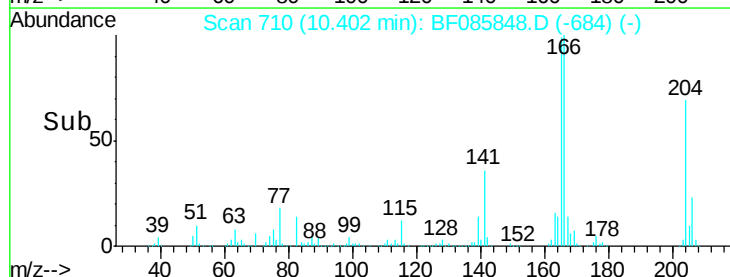
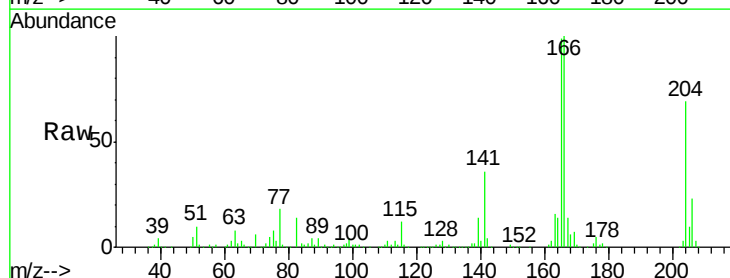
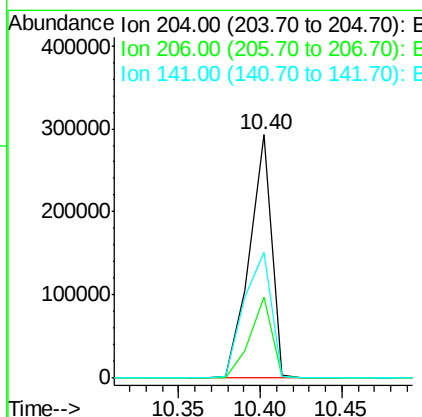
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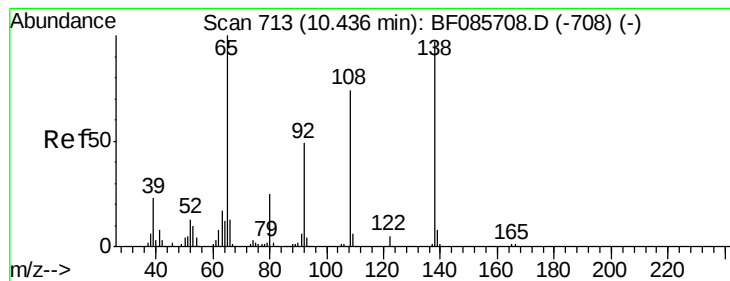
Sohil
3/29/2016 5:04:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.31 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	276993		
206	33.4	26.6	39.8	
141	51.9	57.4	86.0	





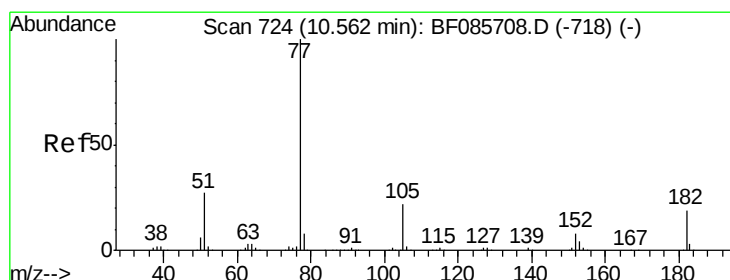
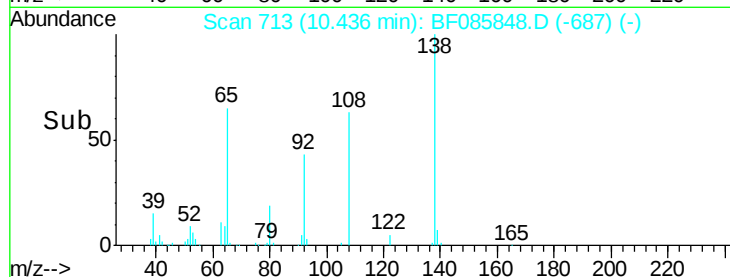
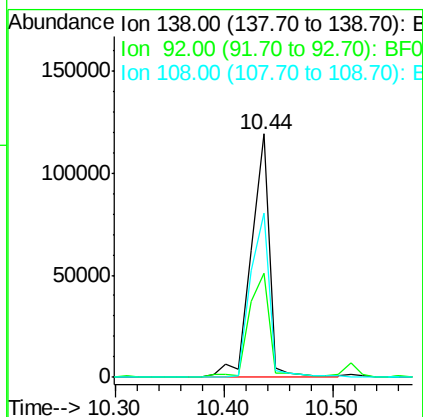
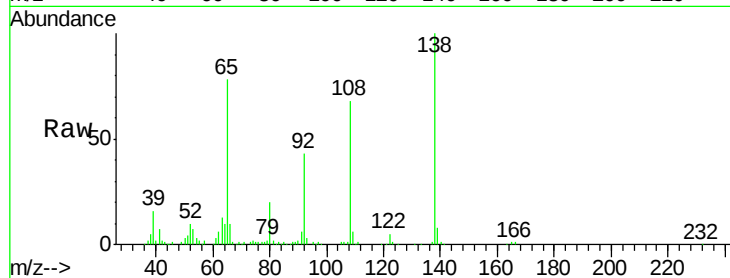
#61
4-Nitroaniline
Concen: 37.92 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.9	26.4	66.4
108	67.7	49.0	89.0

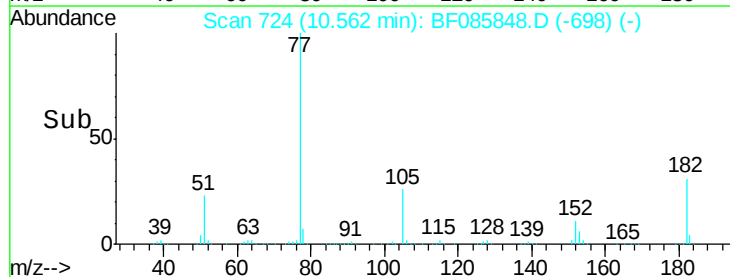
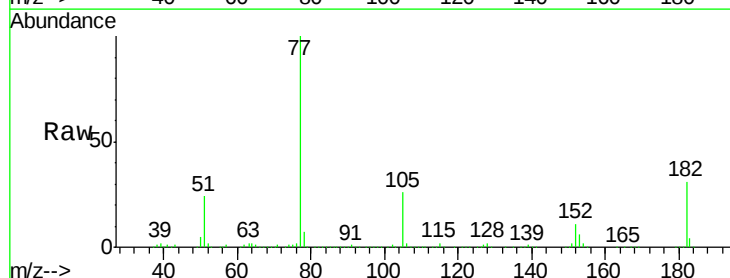
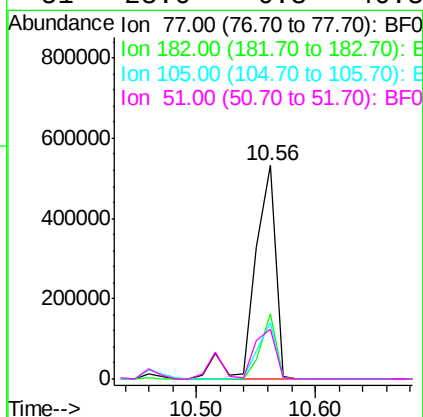
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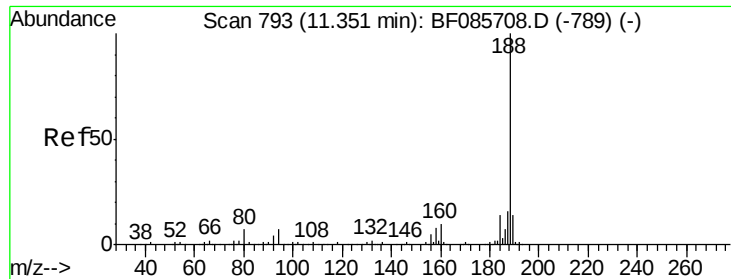
Sohil
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#62
Azobenzene
Concen: 44.23 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.8	1.9	41.9
105	26.3	3.5	43.5
51	23.6	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampled :

13MSD

Tgt Ion:188 Resp: 355190
Ion Ratio Lower Upper

188 100

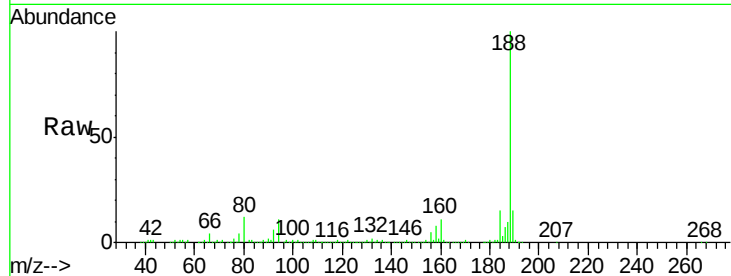
94 11.3 5.4 8.0#

80 11.8 5.5 8.3#

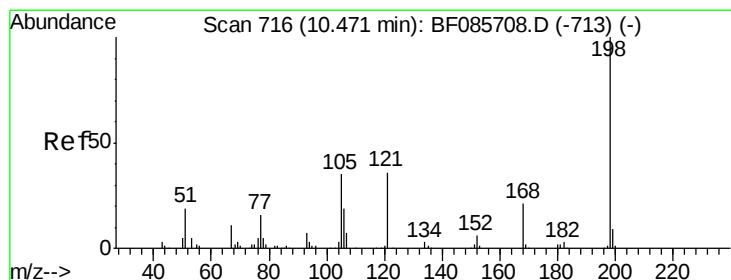
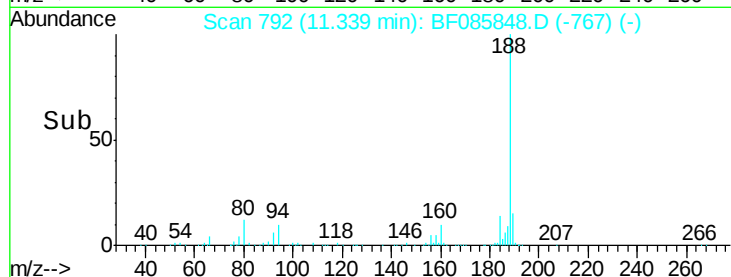
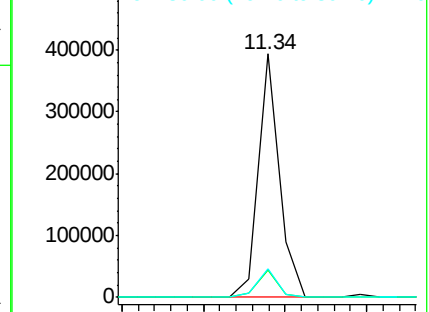
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 24.05 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085848.D

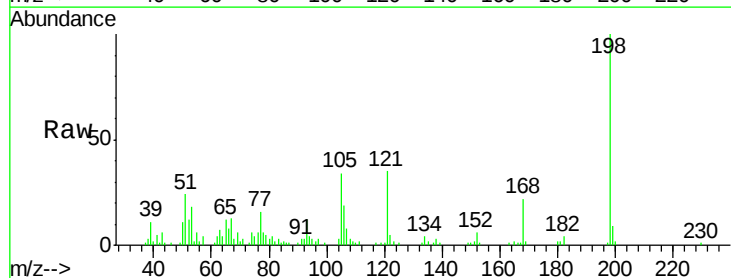
Acq: 29 Mar 2016 13:08

Tgt Ion:198 Resp: 50019
Ion Ratio Lower Upper

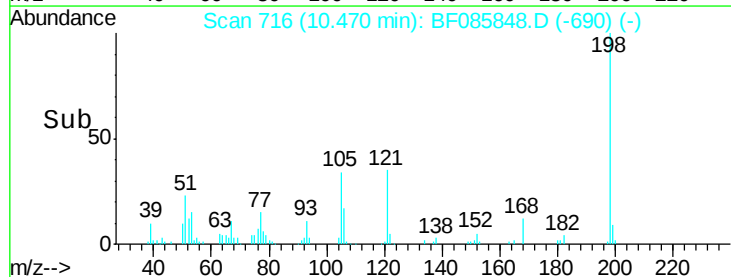
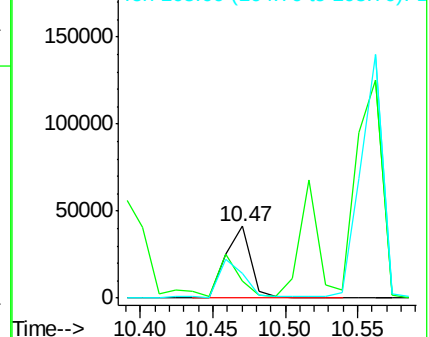
198 100

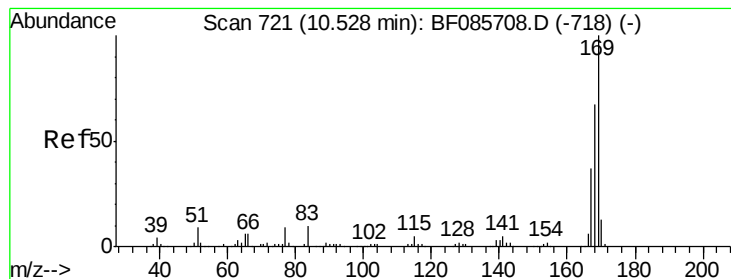
51 23.8 45.4 85.4#

105 34.1 45.9 85.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





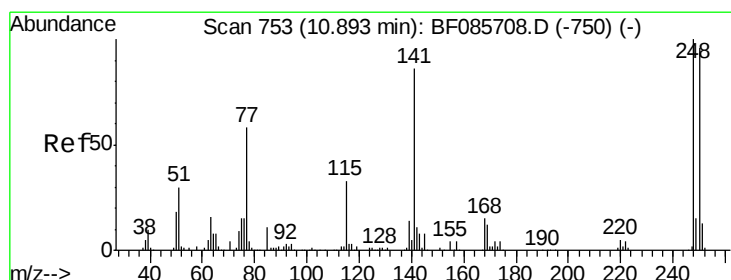
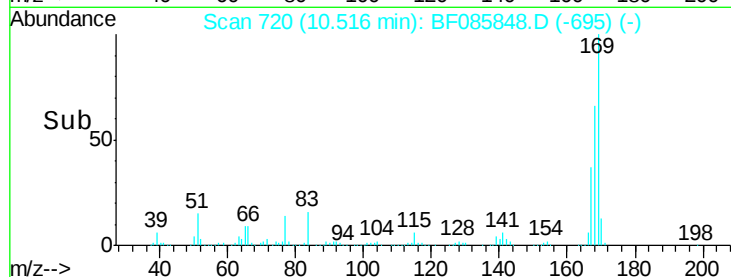
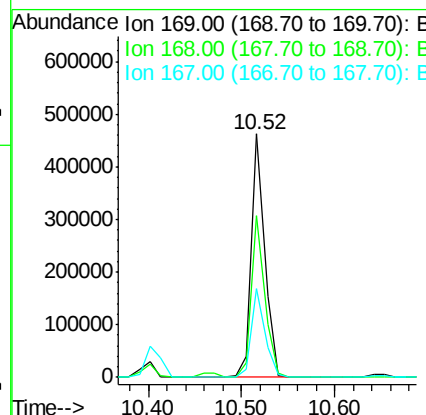
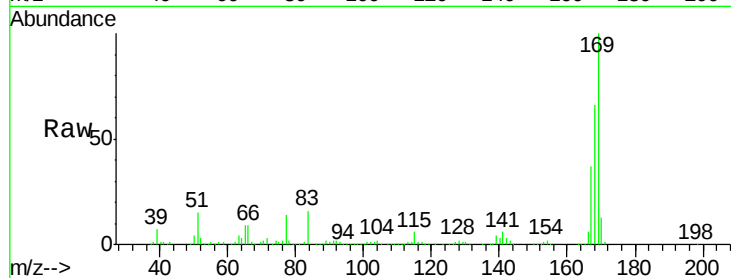
#65
n-Nitrosodiphenylamine
Concen: 40.64 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	457254		
168	66.5	54.4	81.6	
167	36.6	29.4	44.0	

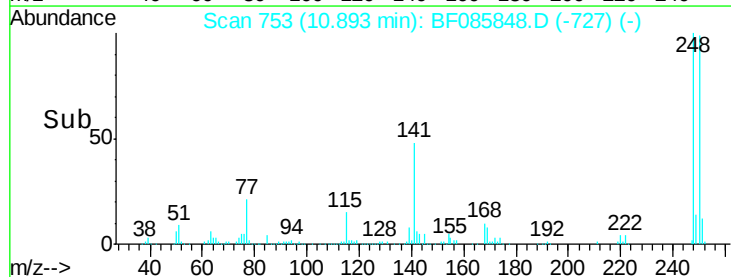
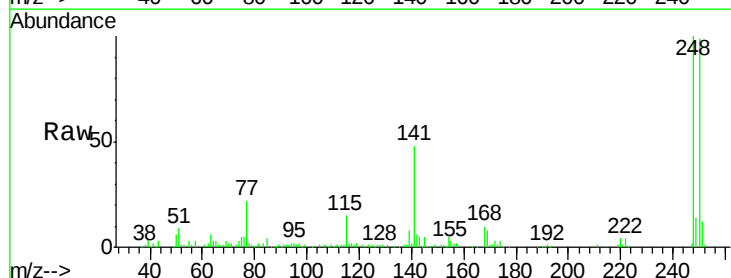
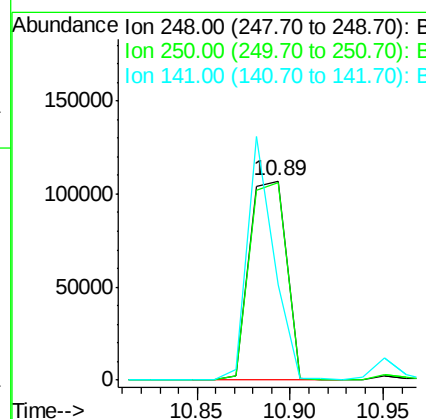
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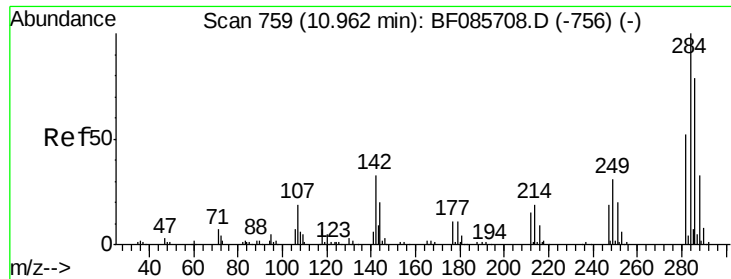
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 40.57 ng
RT: 10.89 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	147436		
250	99.0	77.4	116.0	
141	48.0	63.6	95.4	





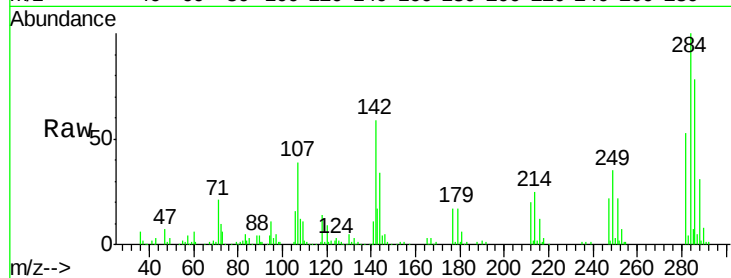
#67
Hexachlorobenzene
Concen: 40.09 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampled :
13MSD

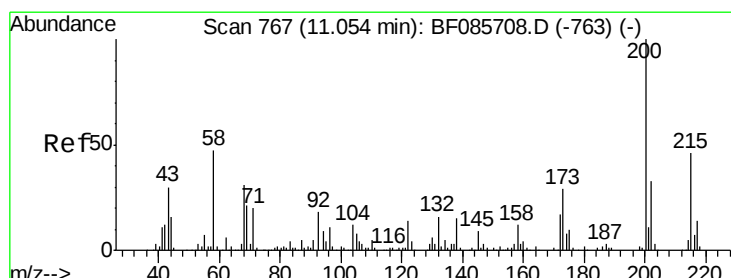
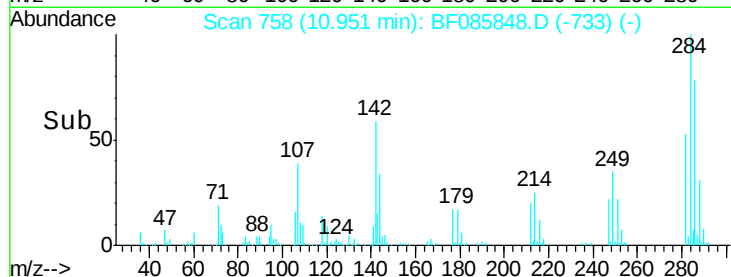
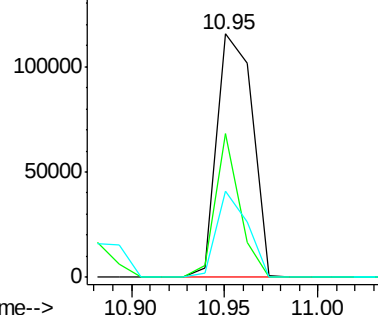
Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	58.9	23.1	34.7#
249	35.2	24.2	36.2

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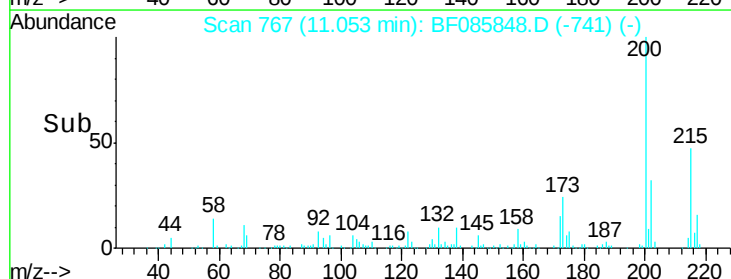
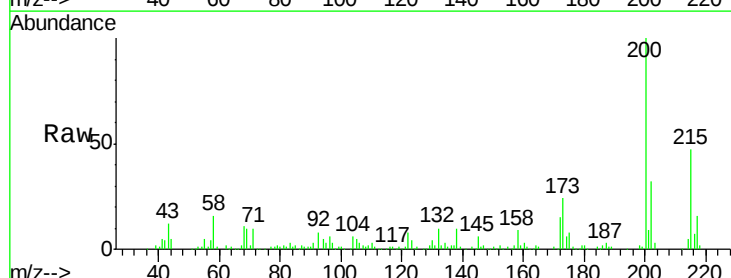
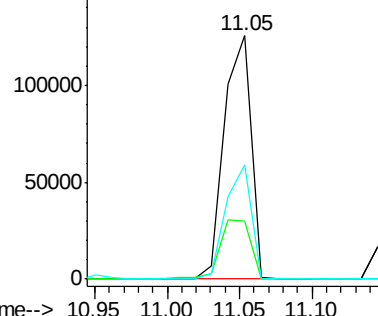
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

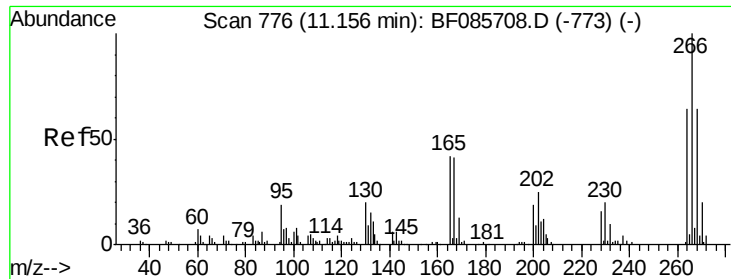


#68
Atrazine
Concen: 42.35 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	7.7	47.7
215	47.2	25.4	65.4

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





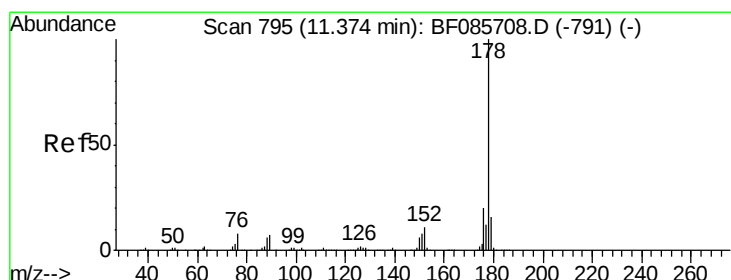
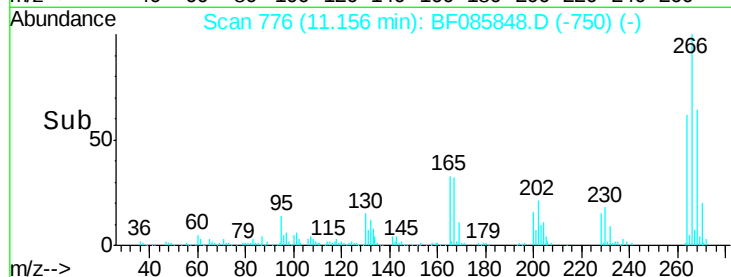
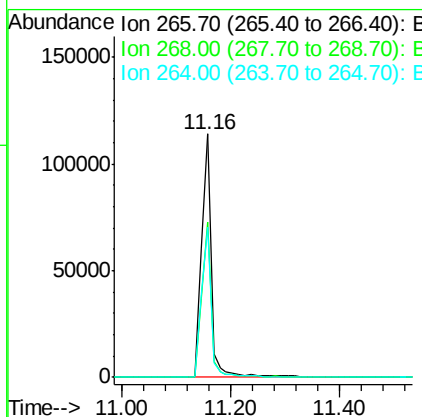
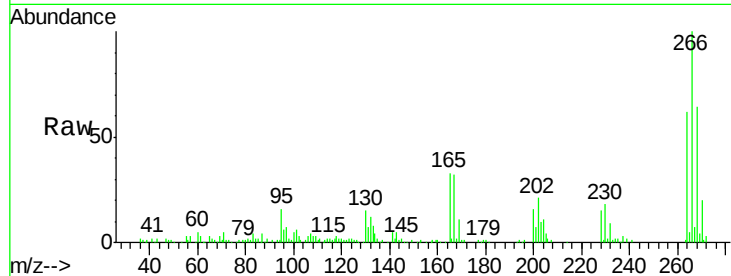
#69
 Pentachlorophenol
 Concen: 75.48 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	140825		
268	63.6	51.5	77.3	
264	61.7	50.6	76.0	

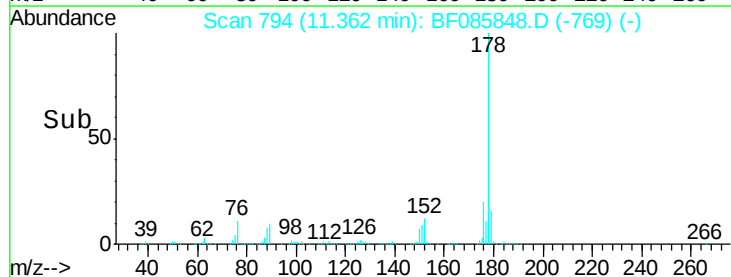
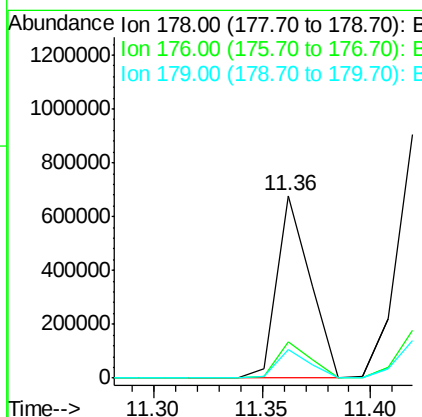
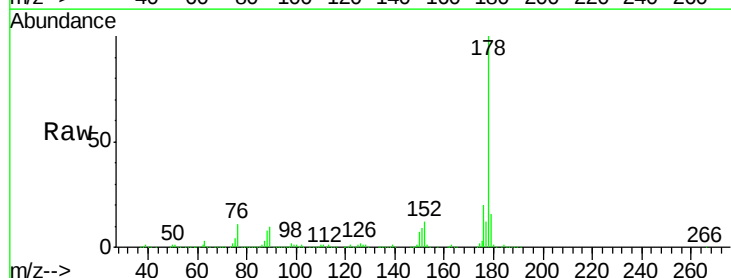
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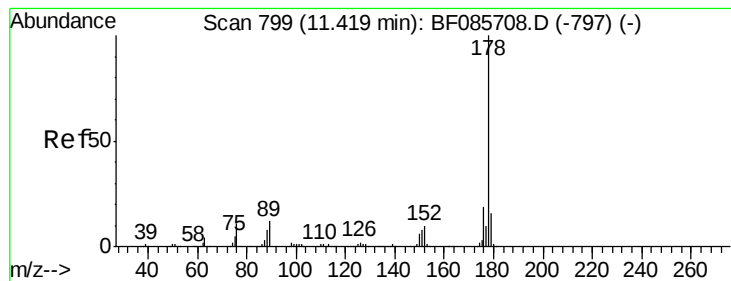
Sohil
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#70
 Phenanthrene
 Concen: 39.76 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	725169		
176	19.8	16.3	24.5	
179	15.8	12.6	18.8	





#71

Anthracene

Concen: 42.02 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

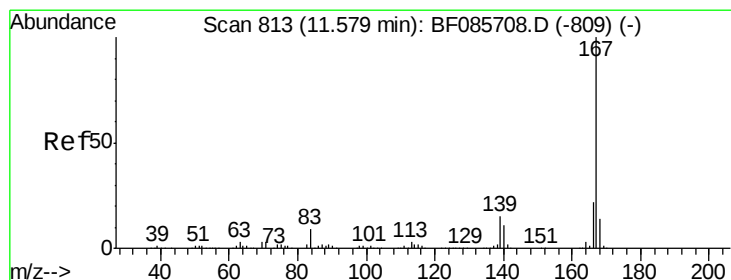
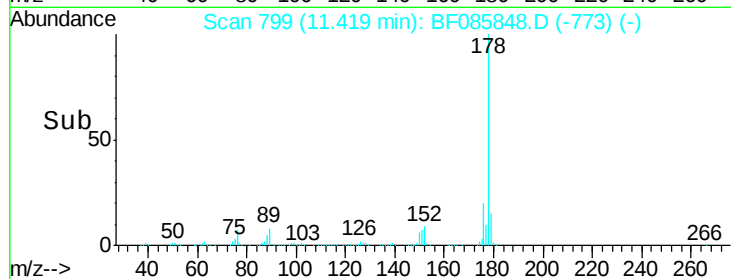
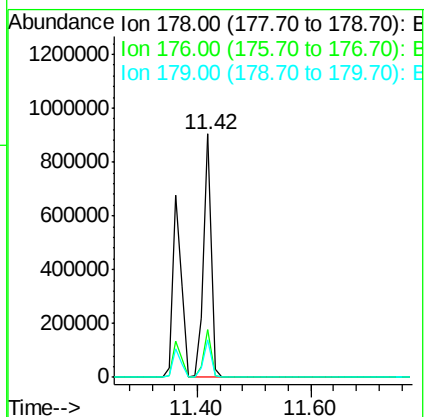
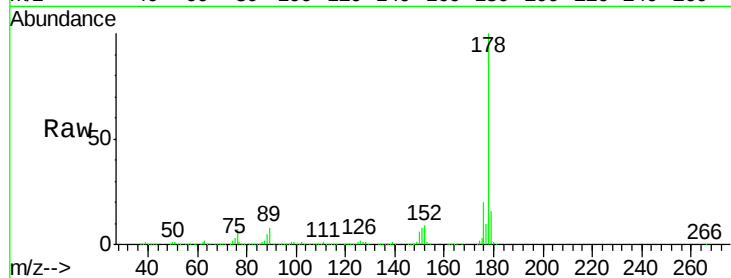
ClientSampleId :

13MSD

Tgt Ion:	178	Resp:	804585
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	15.6	13.0	19.4

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#72

Carbazole

Concen: 41.72 ng

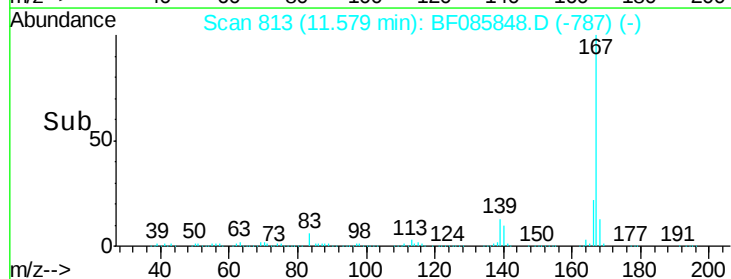
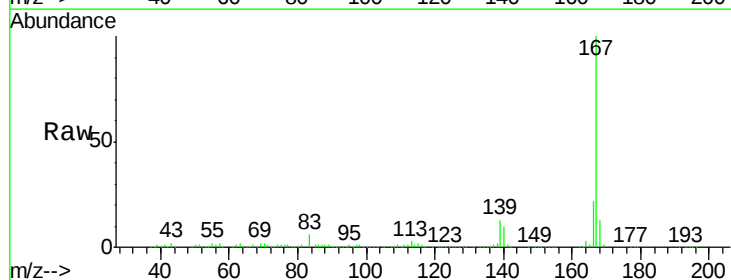
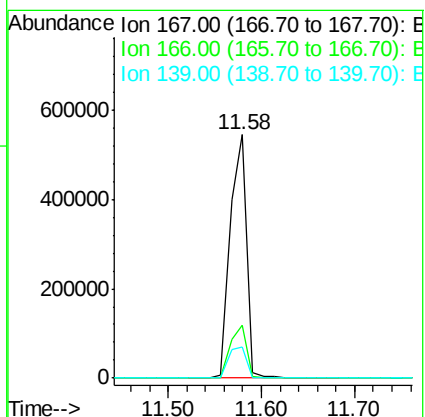
RT: 11.58 min Scan# 813

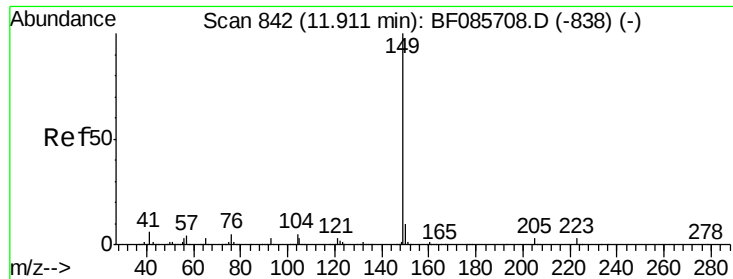
Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	167	Resp:	670563
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.8
139	12.7	11.6	17.4





#73

Di-n-butylphthalate

Concen: 39.33 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085848.D

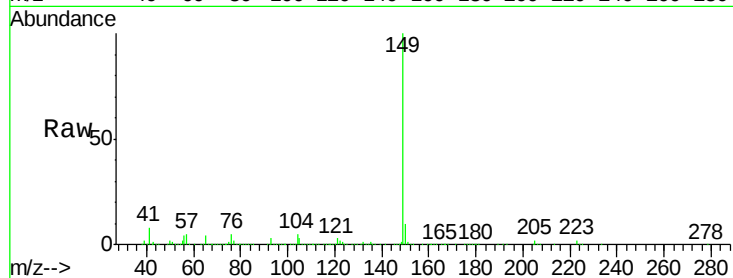
Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

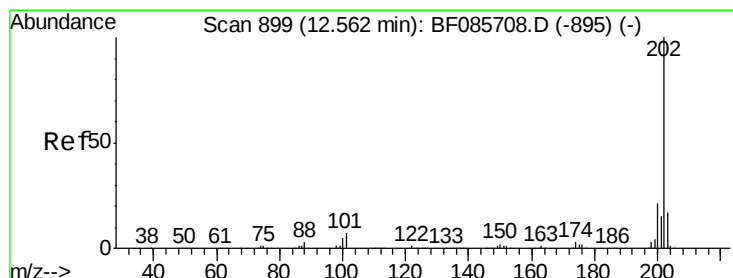
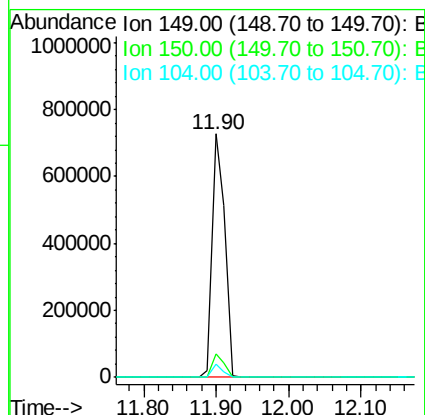
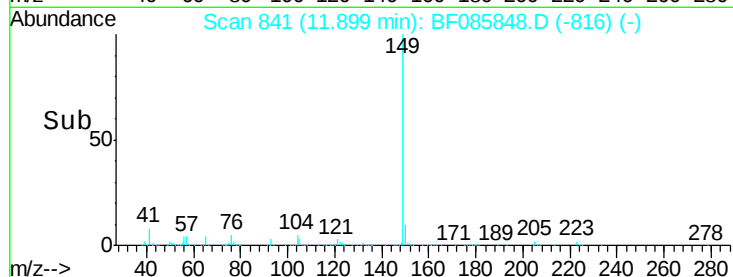
13MSD



Tgt Ion:	149	Resp:	867641
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	5.4	3.8	5.8

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#74

Fluoranthene

Concen: 33.04 ng

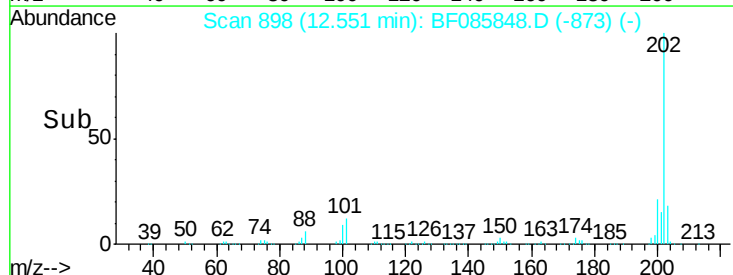
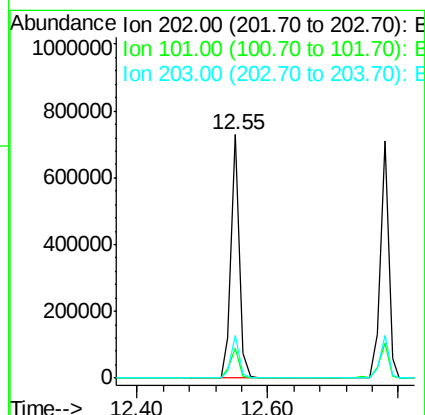
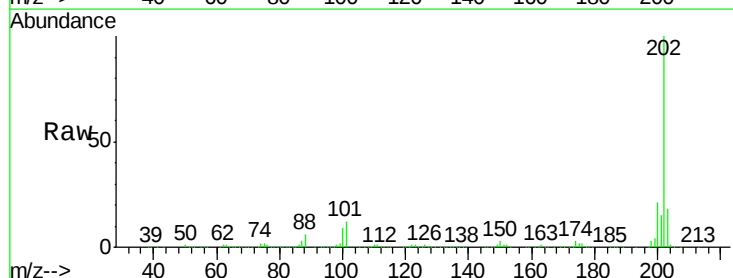
RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	202	Resp:	640537
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	36.6
203	17.6	0.0	38.1





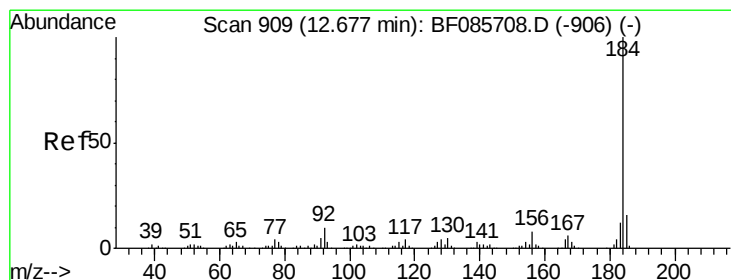
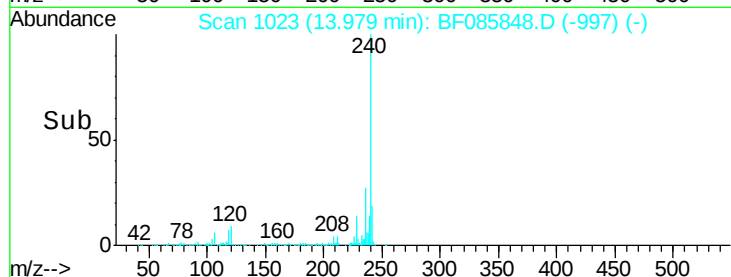
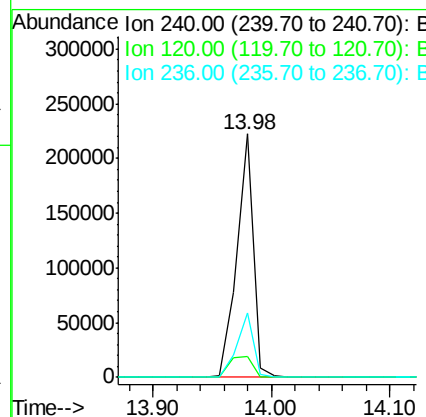
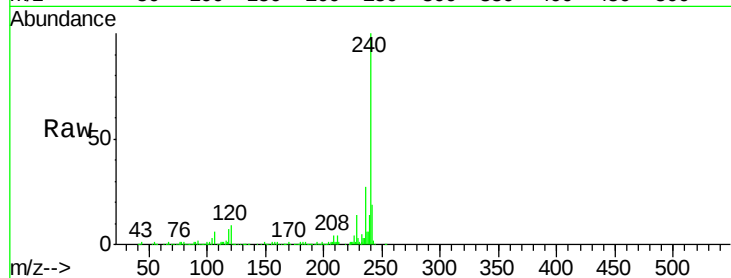
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	13.8	20.8#
236	26.7	20.6	30.8

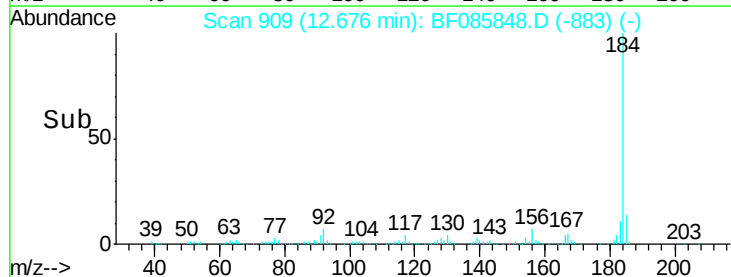
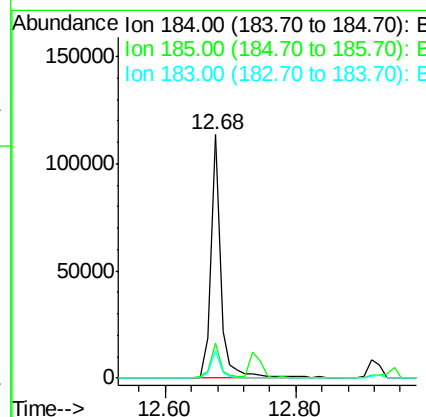
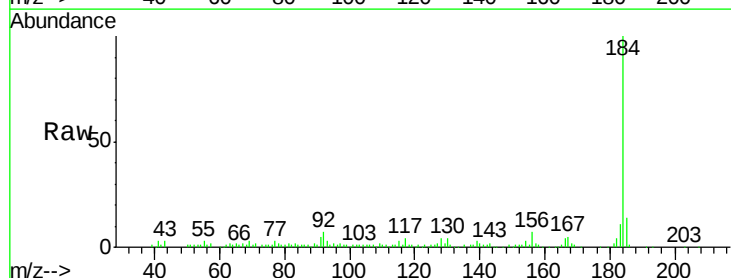
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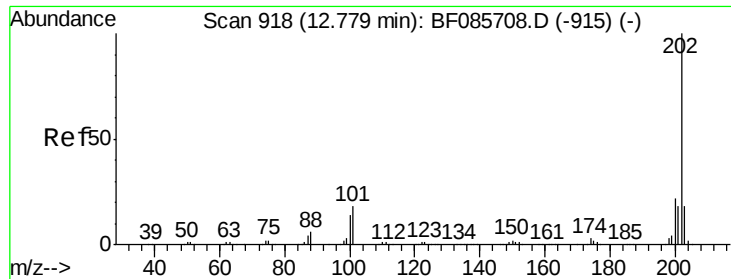
Sohil
3/29/2016 5:04:45 PM



#76
Benzidine
Concen: 15.99 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.4	18.6
183	11.3	9.4	14.2





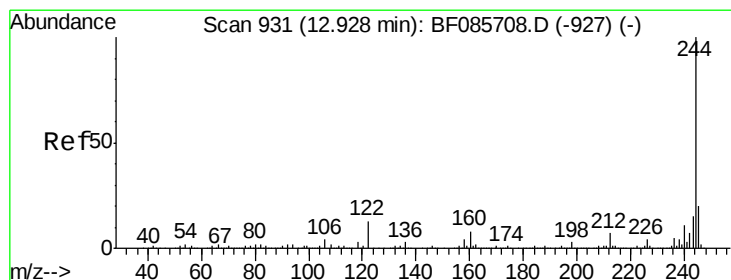
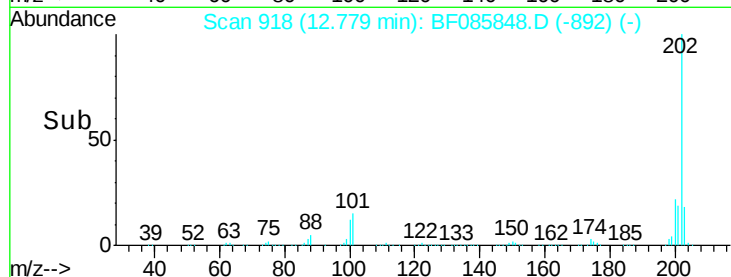
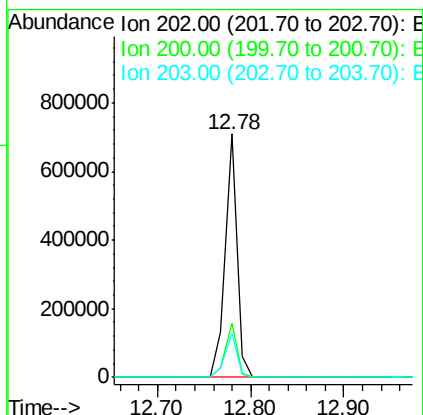
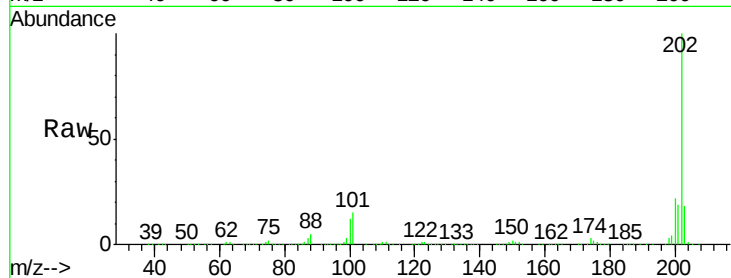
#77
 Pyrene
 Concen: 35.43 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.3	17.6	26.4
203	18.2	14.0	21.0

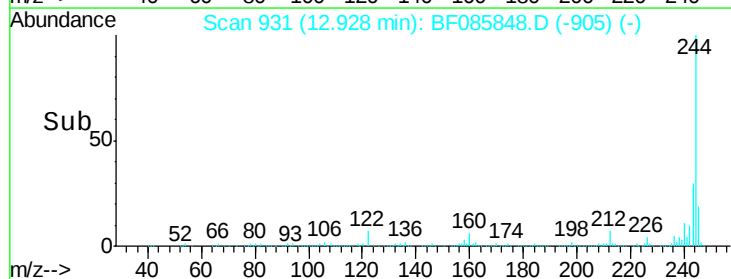
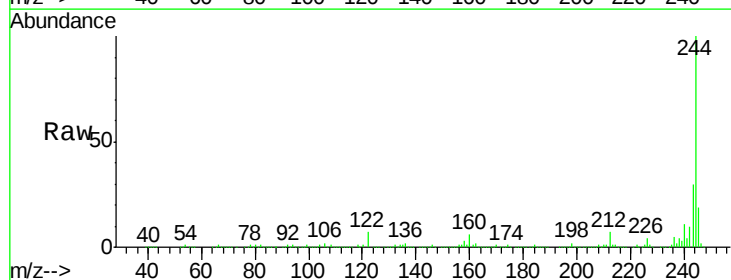
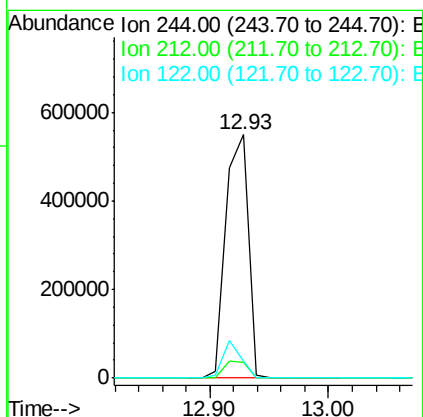
Manual Integrations
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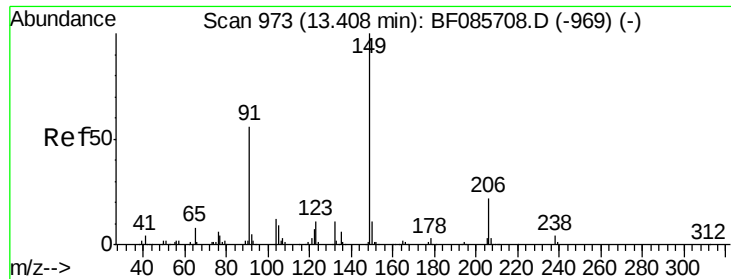
Sohil
 3/29/2016 5:04:45 PM



#78
 Terphenyl-d14
 Concen: 69.08 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	6.1	9.1
122	6.8	10.2	15.4#





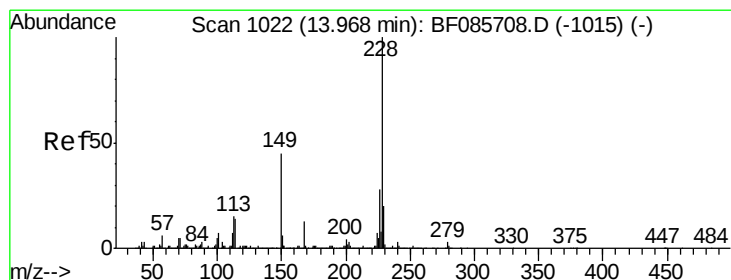
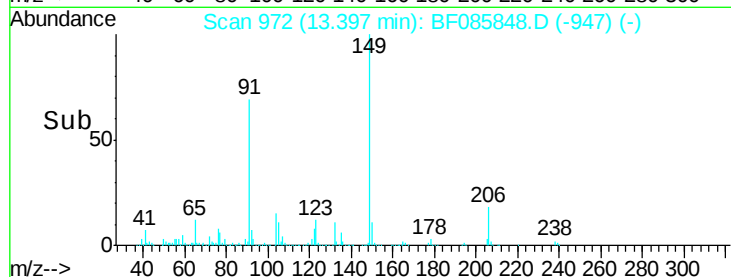
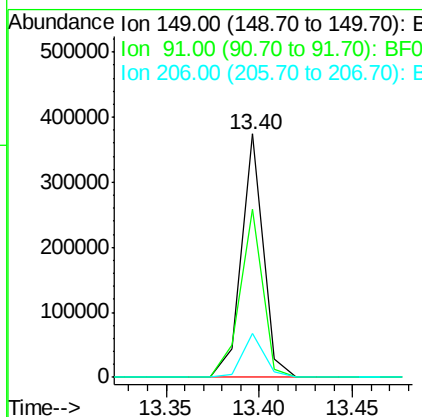
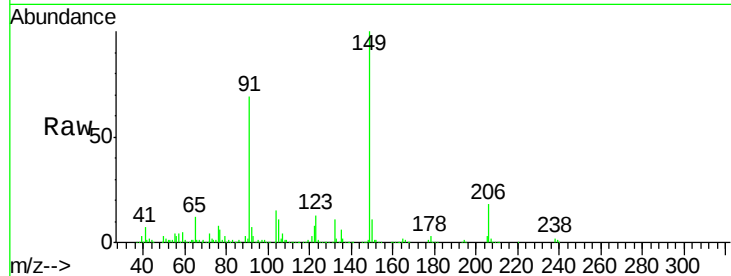
#79
Butylbenzylphthalate
Concen: 41.44 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.2	45.8	68.8#
206	17.9	17.8	26.8

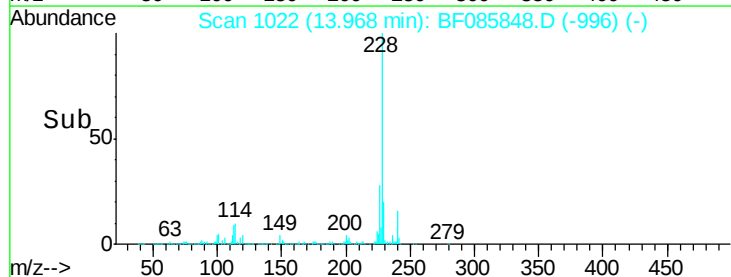
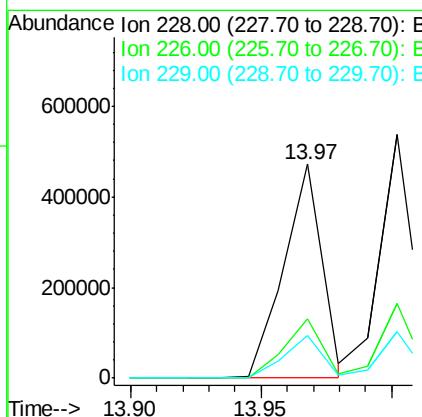
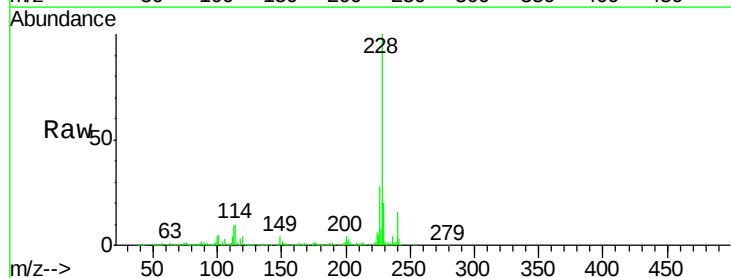
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#80
Benzo(a)anthracene
Concen: 39.17 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	22.1	33.1
229	19.7	16.2	24.4





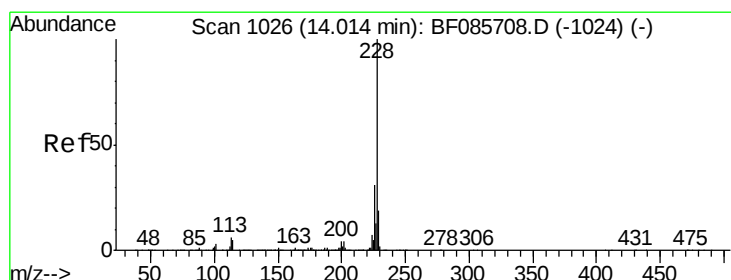
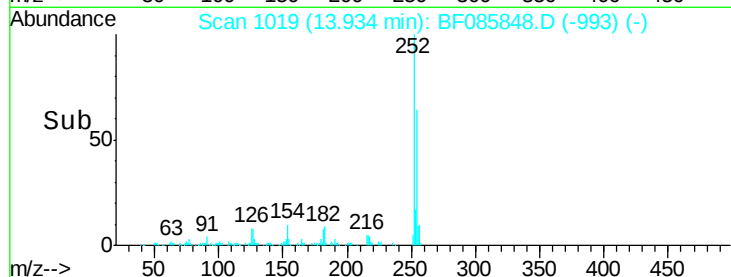
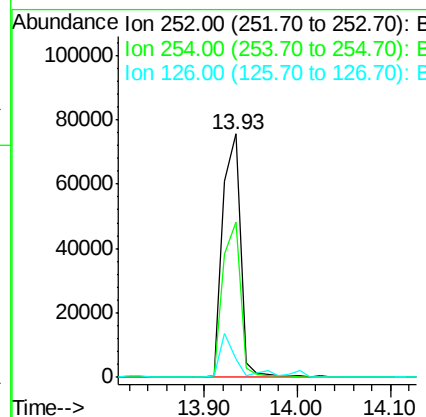
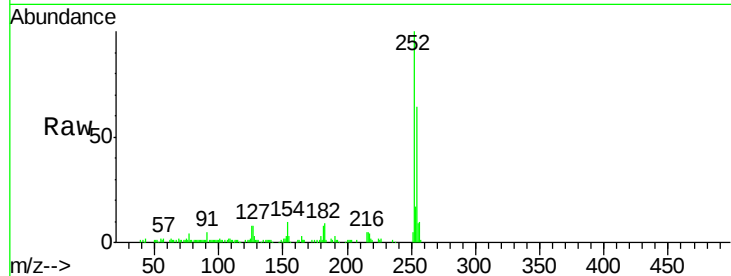
#81
 3,3'-Dichlorobenzidine
 Concen: 11.77 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	7.5	11.8	17.6

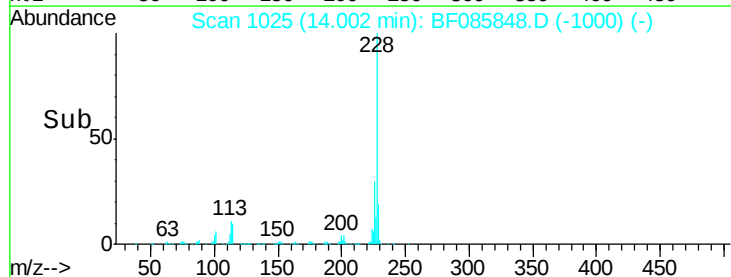
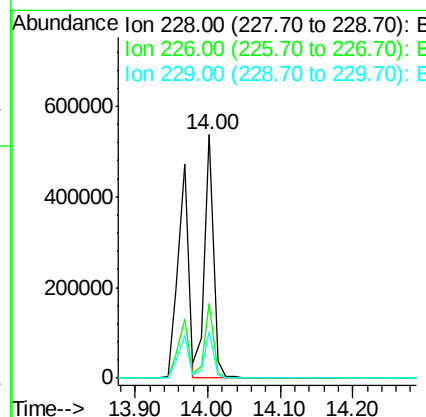
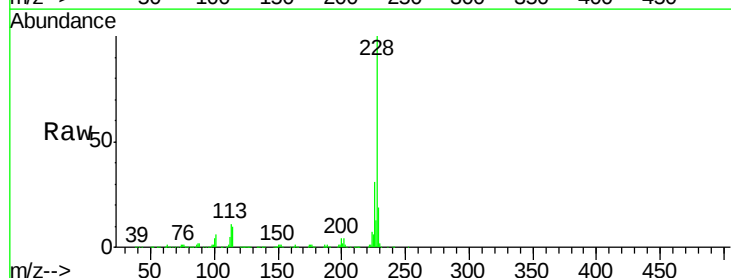
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#82
 Chrysene
 Concen: 37.76 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.3	15.7	23.5





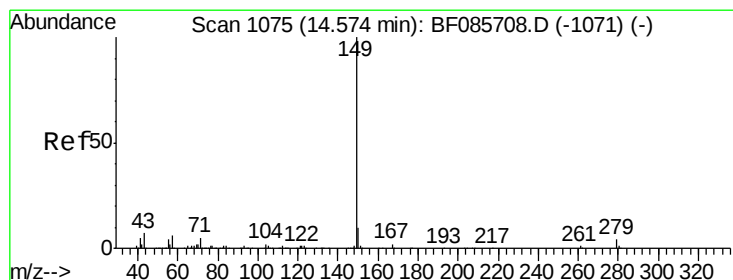
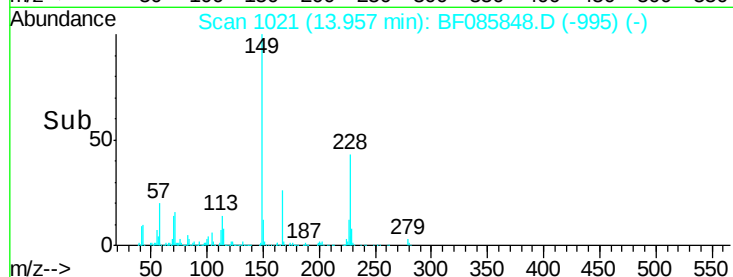
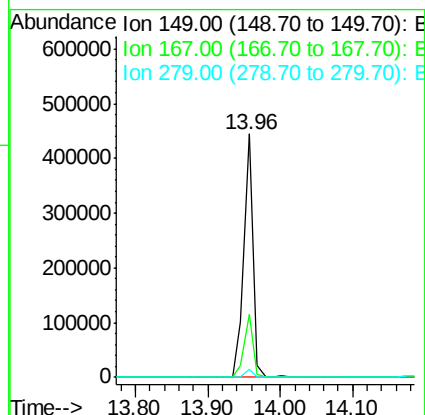
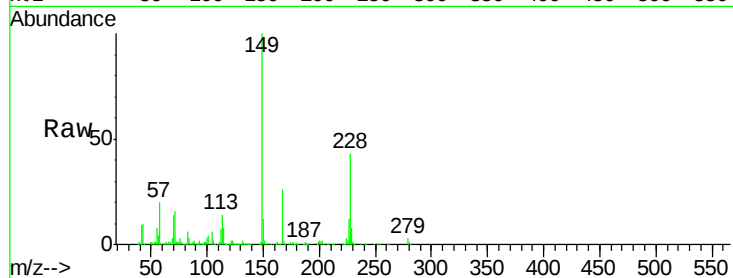
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.66 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.2	19.4	29.2
279	3.3	1.5	2.3

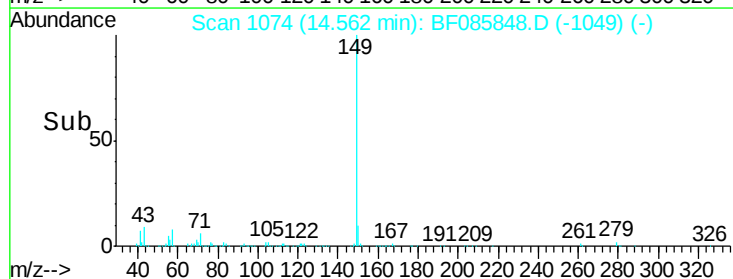
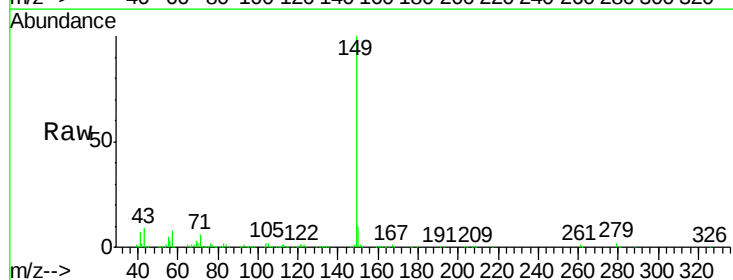
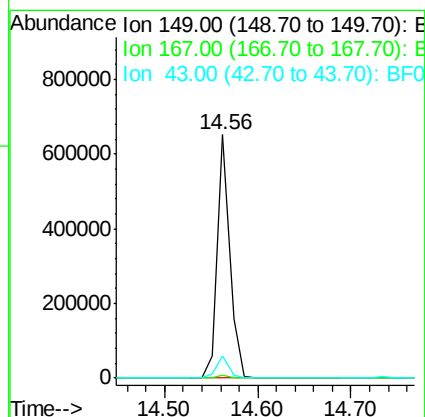
Manual Integrations
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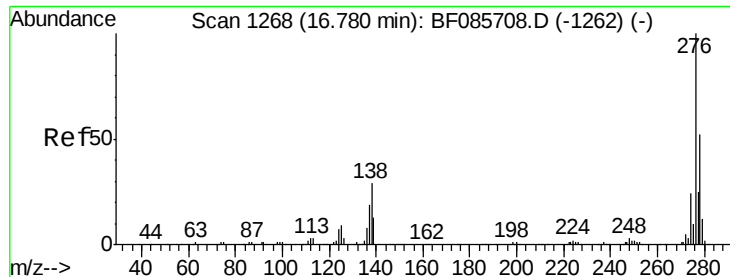
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#84
 Di-n-octyl phthalate
 Concen: 46.06 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.2	1.8
43	8.9	7.1	10.7





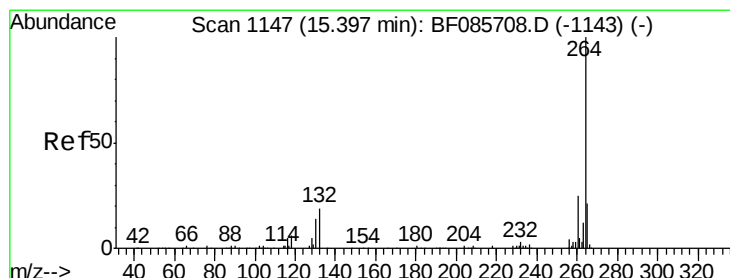
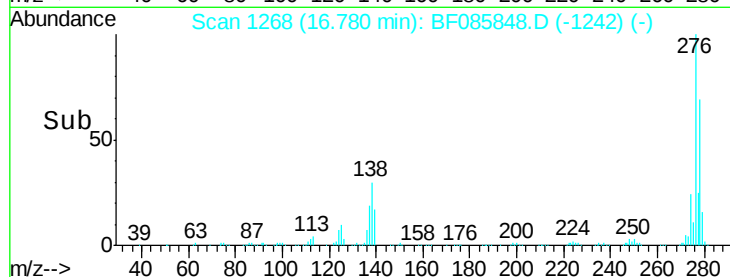
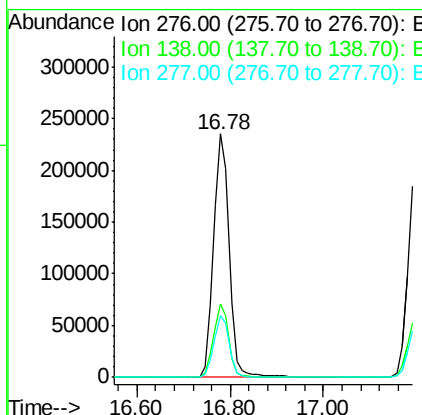
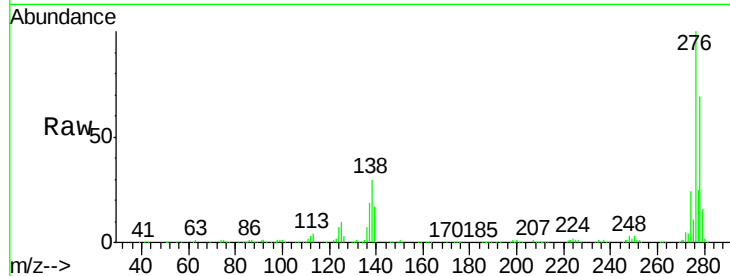
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.89 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.2	36.4
277	25.0	20.0	30.0

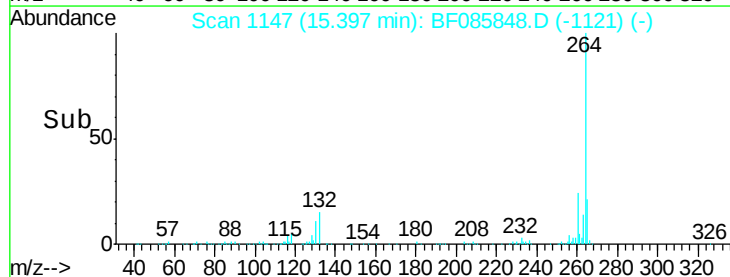
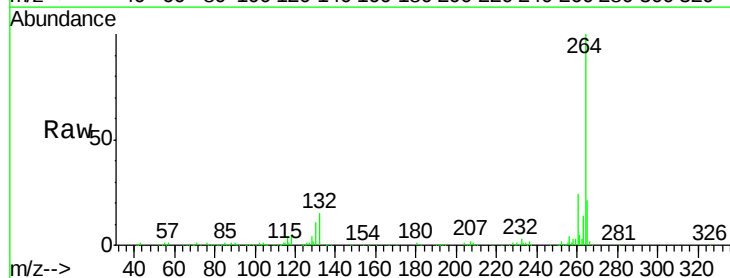
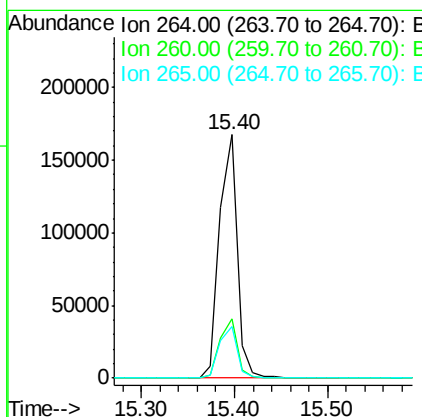
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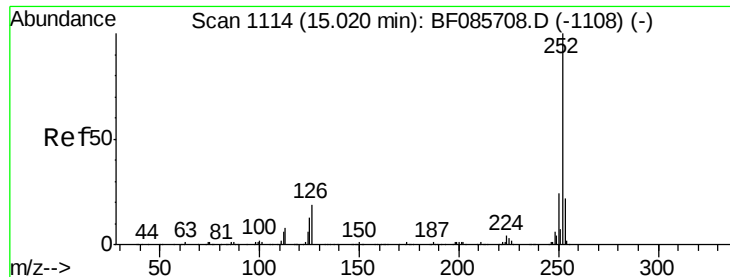
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.38 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

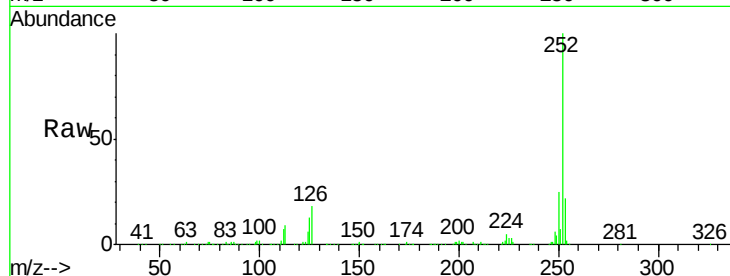
ClientSampleId :

13MSD

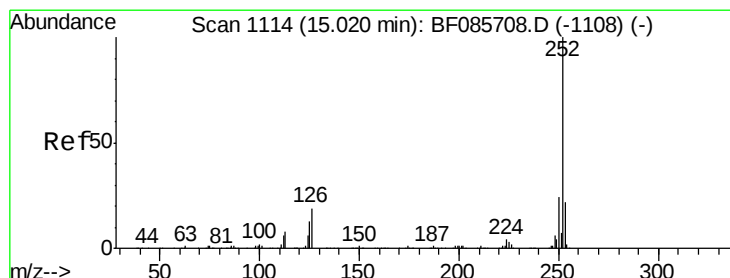
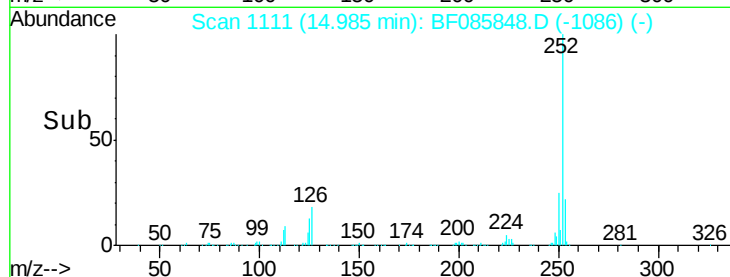
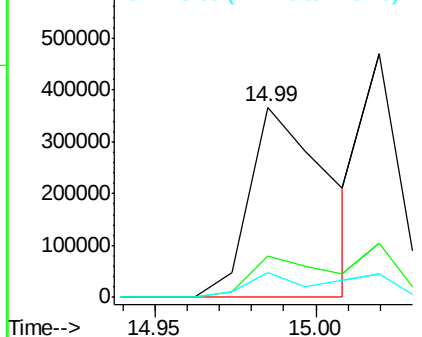
Tgt Ion:	252	Resp:	621492
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	13.2	10.3	15.5

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



#88

Benzo(k)fluoranthene

Concen: 29.40 ng m

RT: 15.02 min Scan# 1114

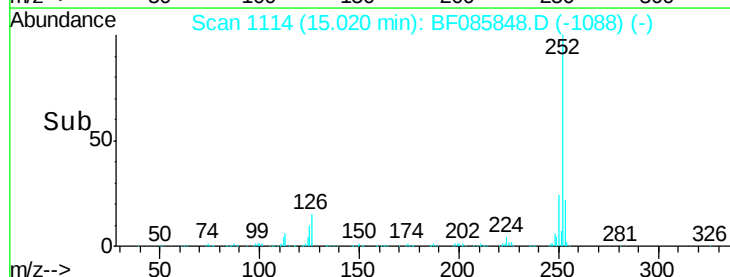
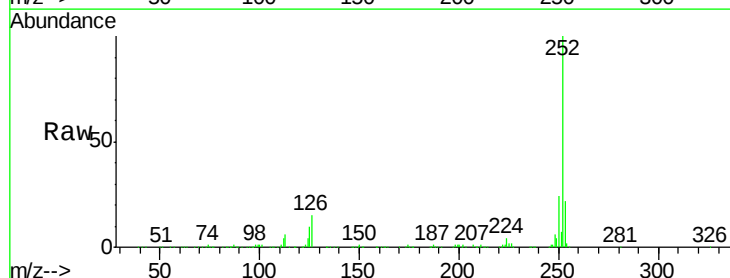
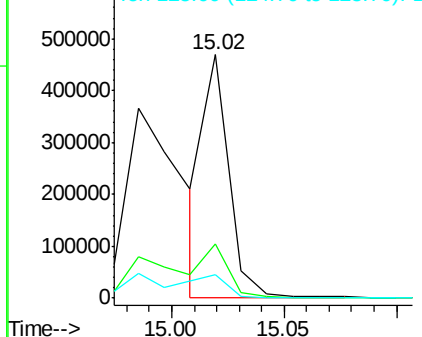
Delta R.T. -0.00 min

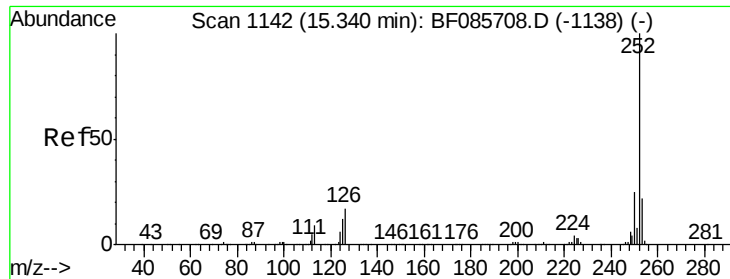
Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:	252	Resp:	371151
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.6	7.7	11.5

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





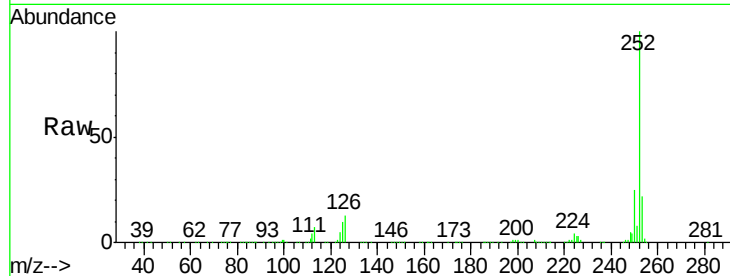
#89
Benzo(a)pyrene
Concen: 39.84 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampled :
13MSD

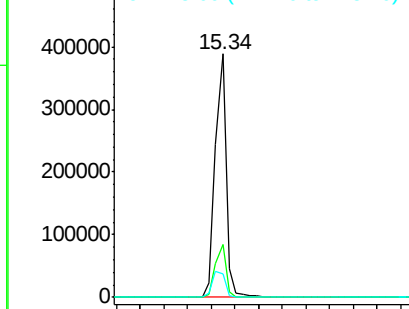
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.8	10.3	15.5#

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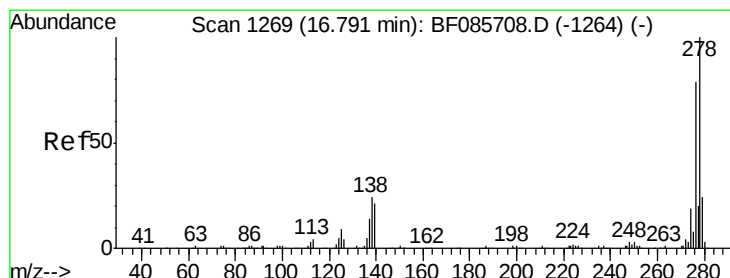
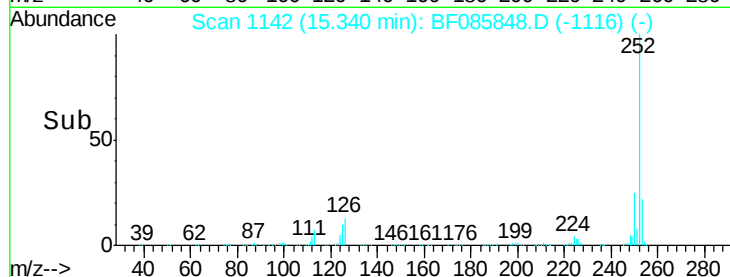
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



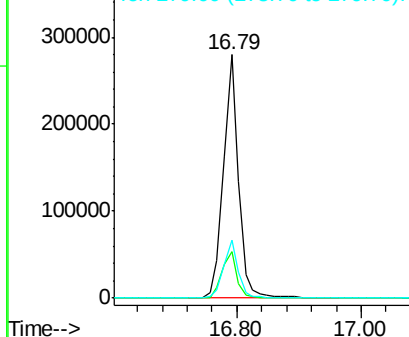
Time-->



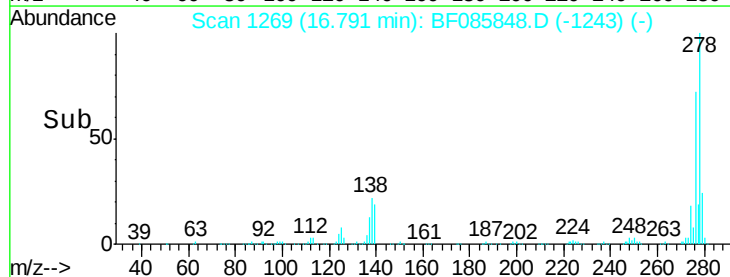
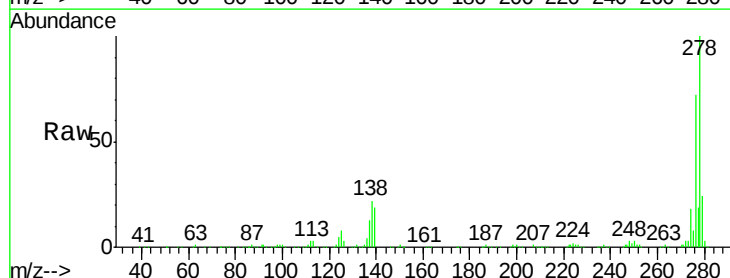
#90
Dibenzo(a,h)anthracene
Concen: 40.63 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

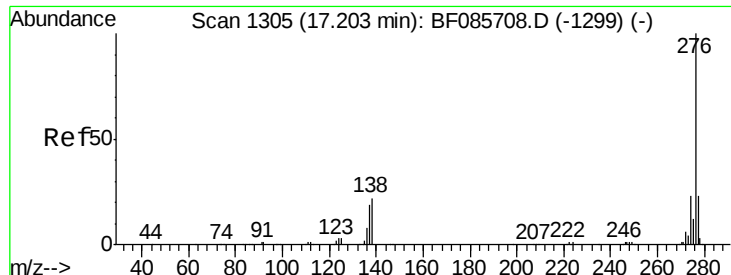
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.4	21.6
279	24.0	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





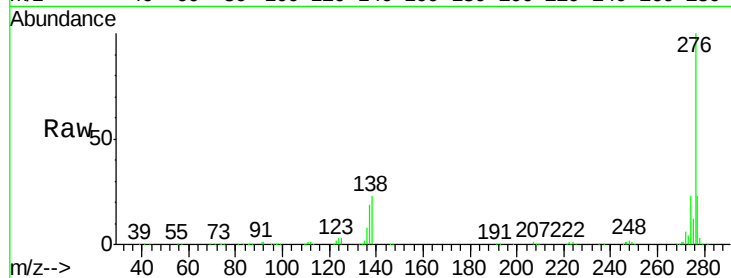
#91
 Benzo(g,h,i)perylene
 Concen: 37.50 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	438622		
277	23.5	18.8	28.2	
138	22.7	22.6	34.0	

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

