

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085886.D
 Acq On : 30 Mar 2016 15:11
 Operator : UM/SJ
 Sample : PB89280BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Manual Integrations
 APPROVED

Sohil
 3/31/2016 4:51:37 PM

Quant Time: Mar 31 03:16:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98875	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	400308	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	187245	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	353908	20.00	ng	0.00
75) Chrysene-d12	13.96	240	258634	20.00	ng	-0.01
86) Perylene-d12	15.37	264	171071	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	493867	83.19	ng	0.00
7) Phenol-d6	6.44	99	617925	81.86	ng	-0.01
23) Nitrobenzene-d5	7.36	82	567116	79.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	152638	85.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1061095	94.68	ng	0.00
78) Terphenyl-d14	12.91	244	900188	71.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	85839	30.28	ng	99
3) Pyridine	3.11	79	296999	43.70	ng	99
4) n-Nitrosodimethylamine	3.06	42	111989	41.16	ng	99
6) Aniline	6.47	93	60859	5.99	ng	# 90
8) 2-Chlorophenol	6.58	128	286184	41.49	ng	97
9) Benzaldehyde	6.34	77	71835	15.79	ng	97
10) Phenol	6.45	94	314358	36.76	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	266212	40.45	ng	94
12) 1,3-Dichlorobenzene	6.73	146	279709m	37.66	ng	
13) 1,4-Dichlorobenzene	6.81	146	289649	38.45	ng	98
14) 1,2-Dichlorobenzene	6.97	146	262562	37.40	ng	97
15) Benzyl Alcohol	6.95	79	192200	38.16	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	321561	36.83	ng	88
17) 2-Methylphenol	7.06	107	236299	42.79	ng	99
18) Hexachloroethane	7.30	117	104226	37.79	ng	# 82
19) n-Nitroso-di-n-propylamine	7.21	70	170964	37.83	ng	# 92
20) 3+4-Methylphenols	7.22	107	289214	43.56	ng	# 68
22) Acetophenone	7.21	105	361300	38.74	ng	# 95
24) Nitrobenzene	7.38	77	292254	39.88	ng	97
25) Isophorone	7.62	82	523689	38.24	ng	98
26) 2-Nitrophenol	7.70	139	153461	41.86	ng	97
27) 2,4-Dimethylphenol	7.75	122	278671	43.49	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	344846	44.20	ng	99
29) 2,4-Dichlorophenol	7.94	162	219455	40.74	ng	94
30) 1,2,4-Trichlorobenzene	8.02	180	227029	37.96	ng	99
31) Naphthalene	8.10	128	780391	38.69	ng	99
32) Benzoic acid	7.88	122	149030	35.02	ng	98
33) 4-Chloroaniline	8.17	127	20470	2.49	ng	97
34) Hexachlorobutadiene	8.22	225	119193	36.67	ng	98
35) Caprolactam	8.53	113	71494m	37.47	ng	
36) 4-Chloro-3-methylphenol	8.65	107	253397	40.27	ng	98
37) 2-Methylnaphthalene	8.80	142	546932	47.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	202495	36.47	ng	99
40) Hexachlorocyclopentadiene	8.95	237	164680	72.17	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	149968	39.99	ng	96
43) 2,4,5-Trichlorophenol	9.13	196	151925	38.63	ng	98
45) 1,1'-Biphenyl	9.26	154	603313	38.18	ng	99
46) 2-Chloronaphthalene	9.29	162	470047	40.46	ng	97
47) 2-Nitroaniline	9.38	65	126726	35.67	ng	86
48) Acenaphthylene	9.70	152	809778	42.78	ng	99
49) Dimethylphthalate	9.57	163	569187	40.07	ng	100
50) 2,6-Dinitrotoluene	9.64	165	125637	41.09	ng	# 65
51) Acenaphthene	9.88	154	473337	40.93	ng	99
52) 3-Nitroaniline	9.81	138	18336	5.24	ng	85
53) 2,4-Dinitrophenol	9.91	184	112748	73.51	ng	97
54) Dibenzofuran	10.05	168	679982	45.43	ng	98
55) 4-Nitrophenol	9.98	139	174693	76.61	ng	# 81
56) 2,4-Dinitrotoluene	10.04	165	152016	39.11	ng	# 52
57) Fluorene	10.39	166	545340	43.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	118484	43.35	ng	97
59) Diethylphthalate	10.26	149	566687	40.38	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	236620	38.90	ng	98
61) 4-Nitroaniline	10.41	138	87666	26.19	ng	94
62) Azobenzene	10.54	77	589013	43.67	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	89435	43.15	ng	# 71
65) n-Nitrosodiphenylamine	10.50	169	305760	27.28	ng	98
66) 4-Bromophenyl-phenylether	10.87	248	154631	42.71	ng	93
67) Hexachlorobenzene	10.94	284	162137	42.82	ng	99
68) Atrazine	11.03	200	87637	23.16	ng	99
69) Pentachlorophenol	11.13	266	153183	82.40	ng	99
70) Phenanthrene	11.35	178	814062	44.80	ng	99
71) Anthracene	11.40	178	756349	39.65	ng	100
72) Carbazole	11.56	167	424081	26.48	ng	99
73) Di-n-butylphthalate	11.89	149	906710	41.25	ng	100
74) Fluoranthene	12.54	202	800709	41.45	ng	89
76) Benzidine	12.67	184	24448	2.68	ng	98
77) Pyrene	12.76	202	794782	37.38	ng	99
79) Butylbenzylphthalate	13.39	149	370023	41.56	ng	98
80) Benzo(a)anthracene	13.95	228	622547	42.21	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	28183	2.75	ng	98
82) Chrysene	13.99	228	617989	41.60	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	451012	42.31	ng	98
84) Di-n-octyl phthalate	14.55	149	720624	45.46	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	471602	41.11	ng	99
87) Benzo(b)fluoranthene	14.97	252	550800m	51.11	ng	
88) Benzo(k)fluoranthene	15.00	252	467256m	48.09	ng	
89) Benzo(a)pyrene	15.32	252	462929	48.38	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	407147	45.79	ng	97
91) Benzo(g,h,i)perylene	17.17	276	392062	43.55	ng	94

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

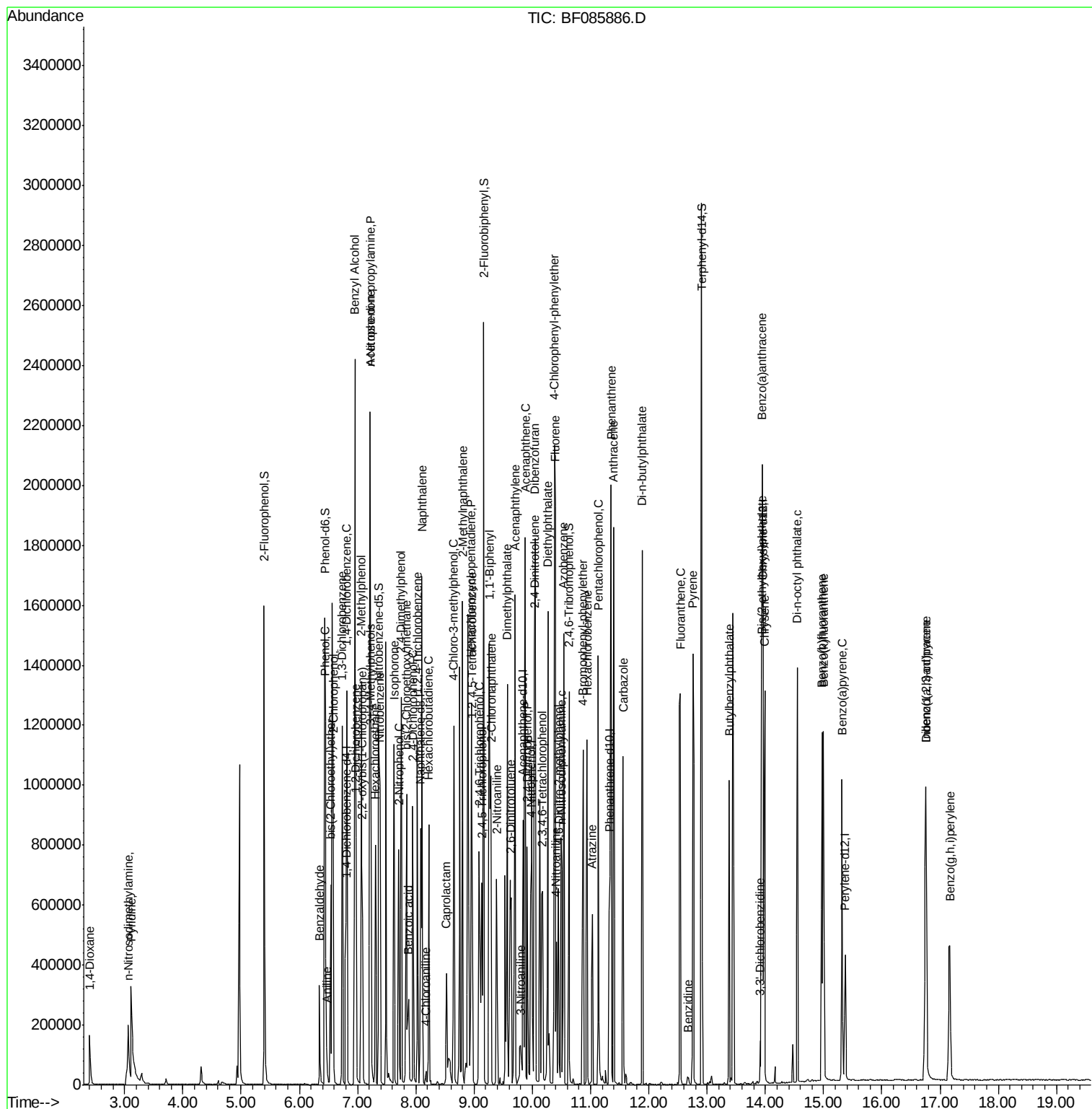
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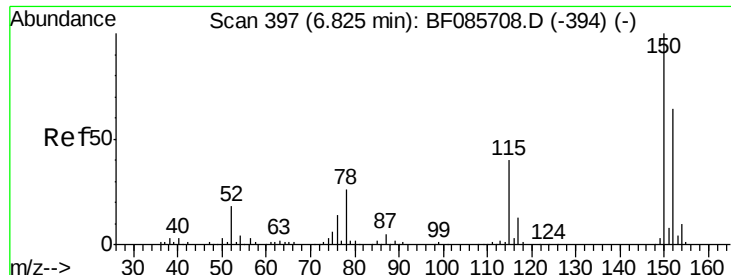
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

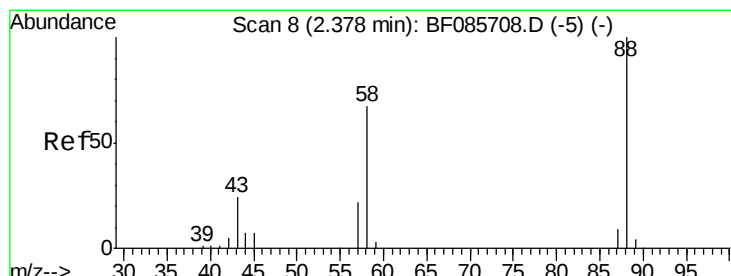
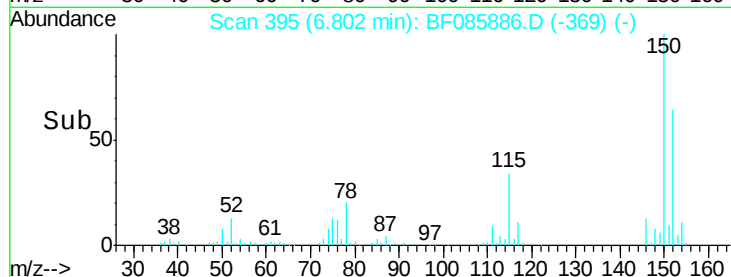
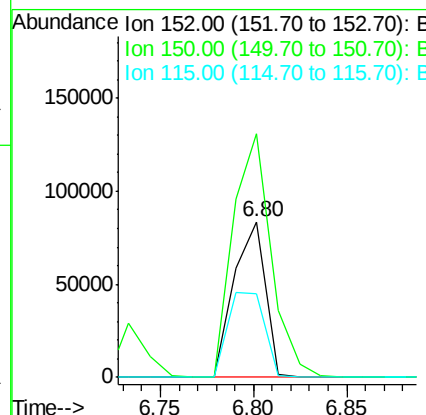
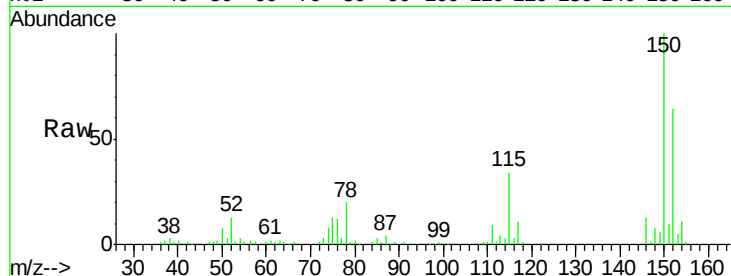
ClientSampleId :

PB89280BS

Tgt Ion:	152	Resp:	98875
Ion Ratio	Lower	Upper	
152	100		
150	156.7	124.2	186.2
115	54.0	47.0	70.6

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#2

1,4-Dioxane

Concen: 30.28 ng

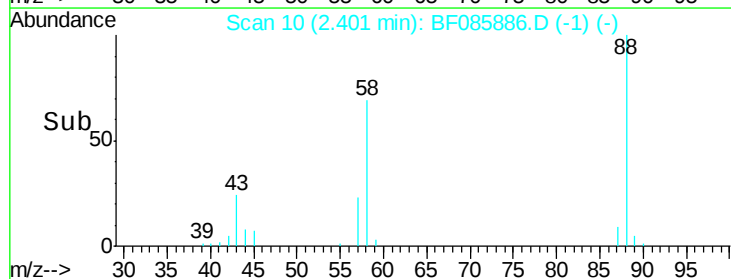
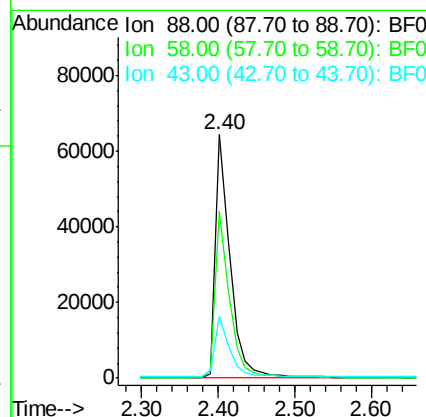
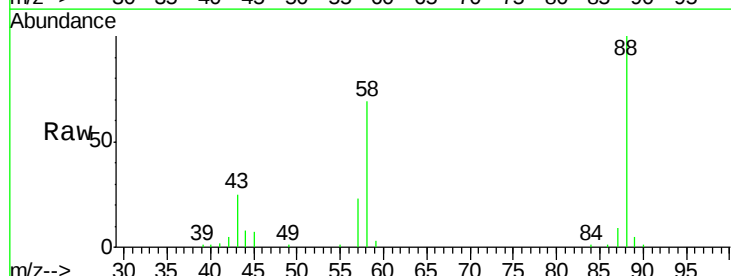
RT: 2.40 min Scan# 10

Delta R.T. 0.07 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	88	Resp:	85839
Ion Ratio	Lower	Upper	
88	100		
58	68.4	54.2	81.2
43	24.6	19.3	28.9





#3

Pyridine

Concen: 43.70 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.06 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

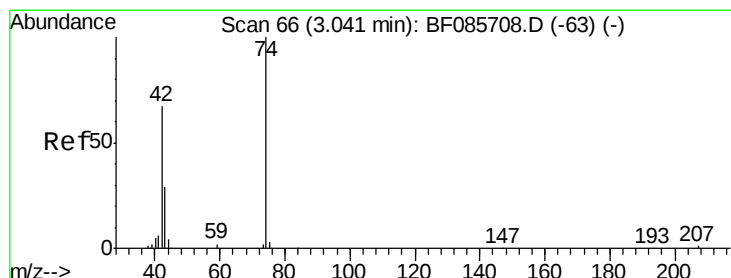
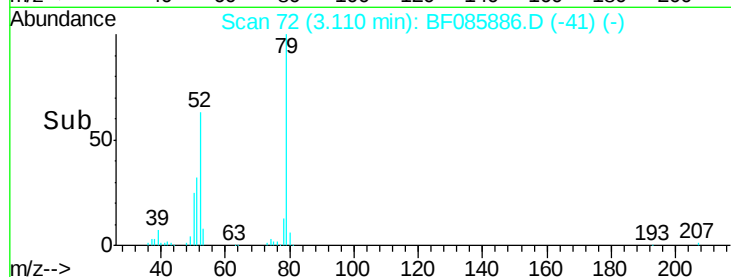
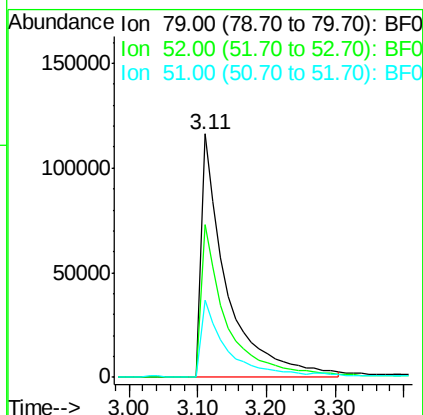
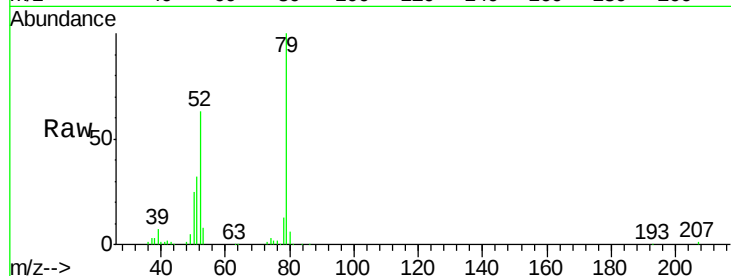
ClientSampleId :

PB89280BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.9	49.8	74.6
51	31.9	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 41.16 ng

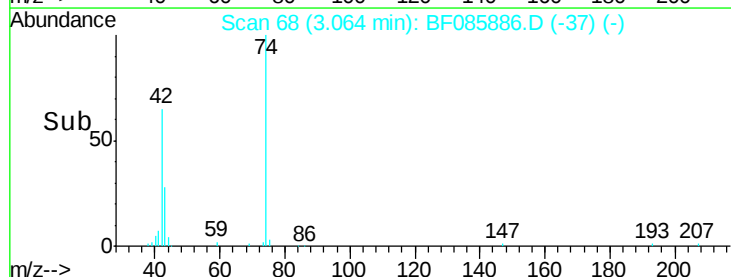
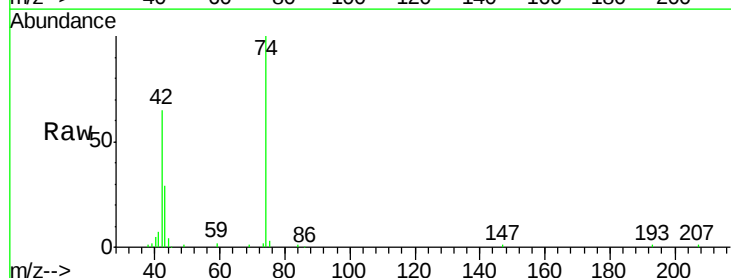
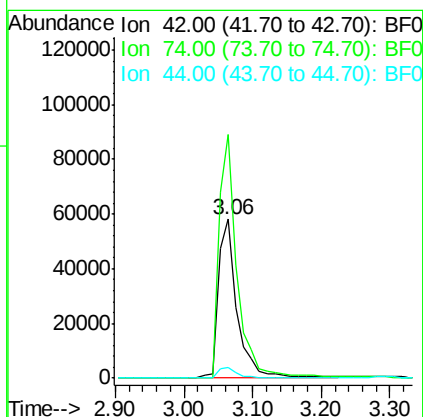
RT: 3.06 min Scan# 68

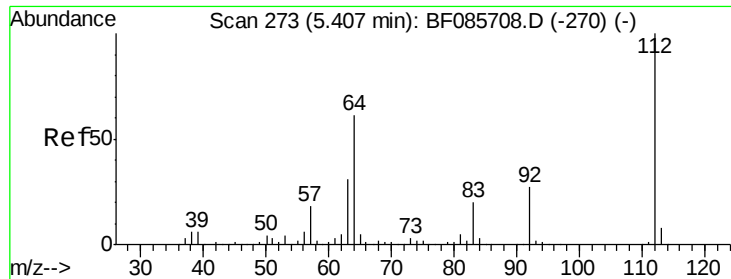
Delta R.T. 0.06 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.2	121.4	182.2
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 83.19 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085886.D

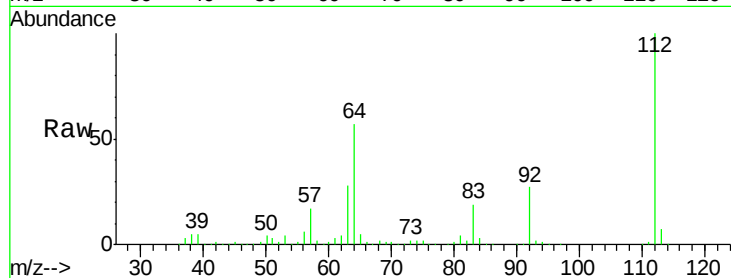
Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

ClientSampleId :

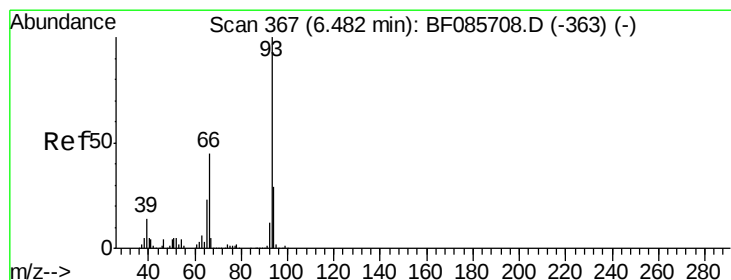
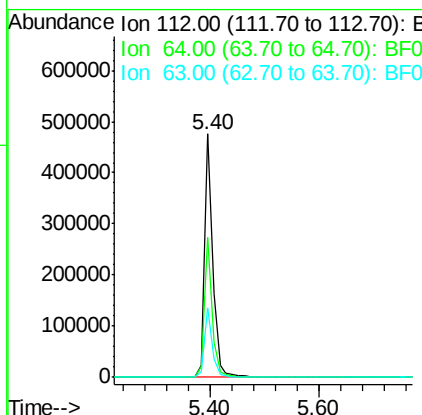
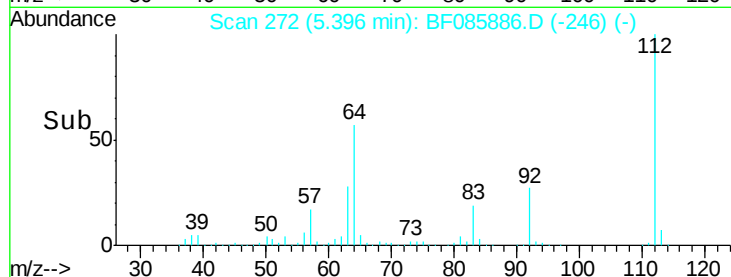
PB89280BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	493867		
64	57.2	39.9	59.9	
63	28.3	20.2	30.2	

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#6

Aniline

Concen: 5.99 ng

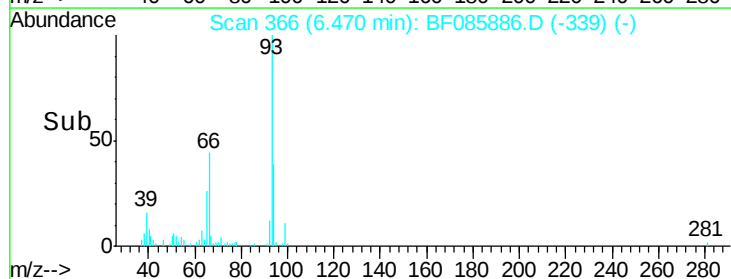
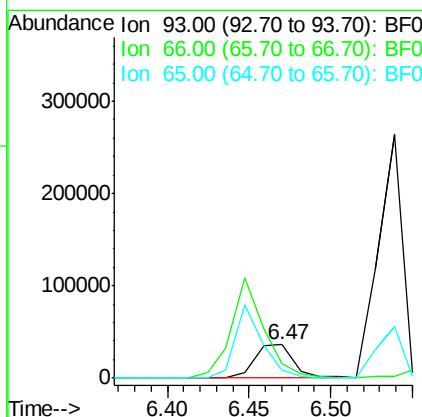
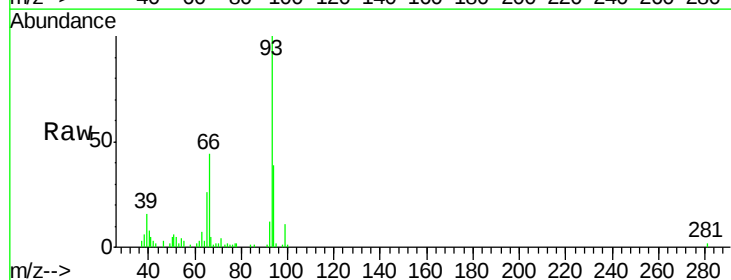
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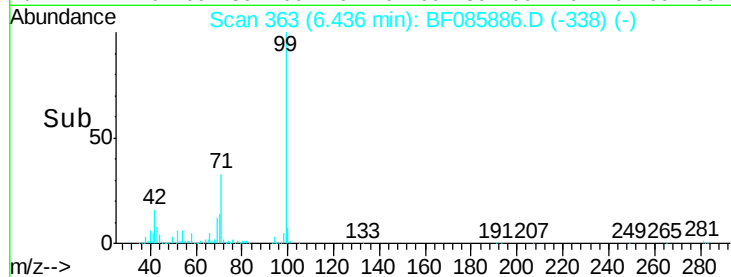
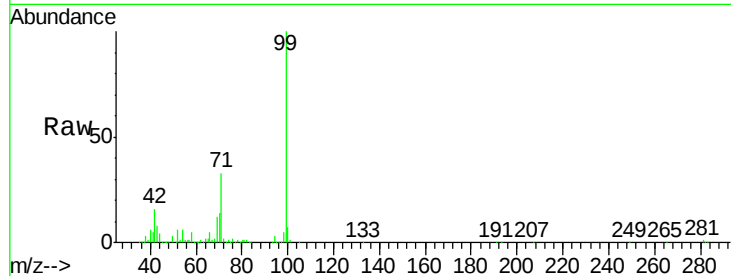
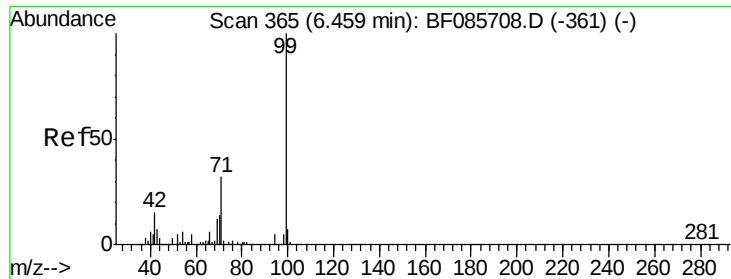
Delta R.T. 0.01 min

Lab File: BF085886.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	60859		
66	44.2	31.4	47.2	
65	26.2	15.7	23.5	





#7

Phenol-d6

Concen: 81.86 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	99	Resp:	617925
Ion Ratio	Lower	Upper	
99	100		
42	15.8	11.1	16.7
71	32.7	24.9	37.3

Instrument :

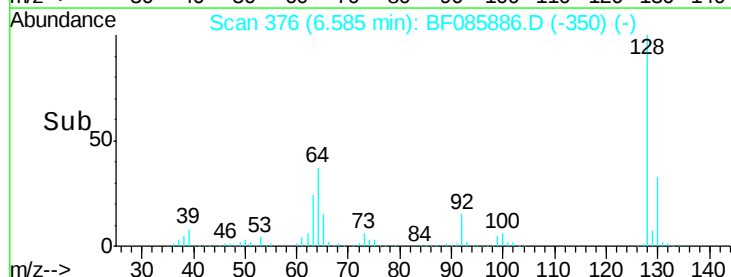
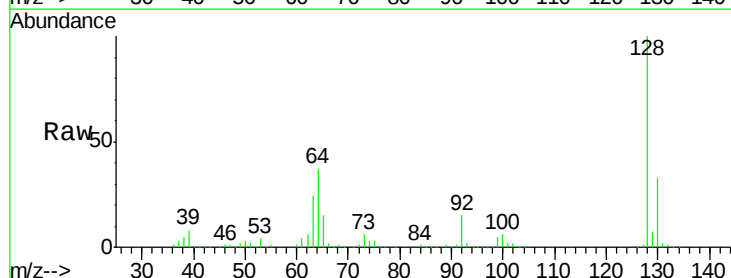
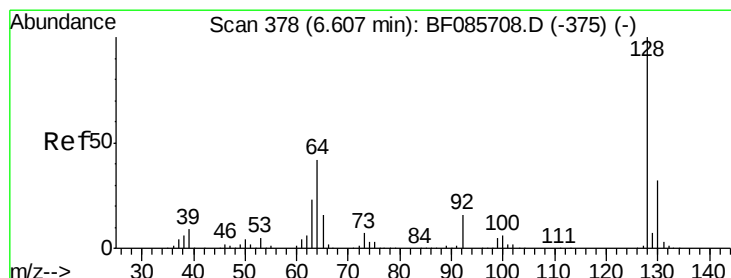
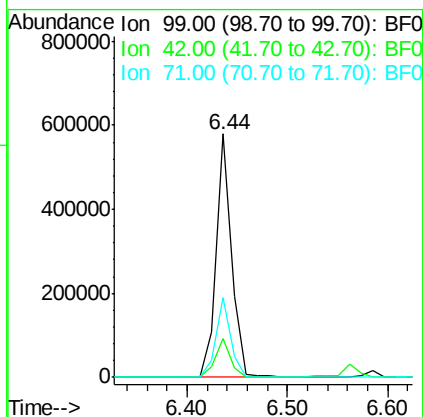
BNA_F

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#8

2-Chlorophenol

Concen: 41.49 ng

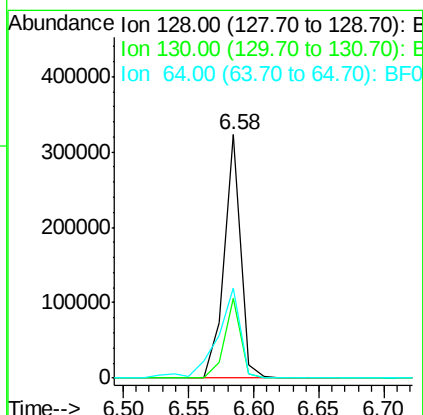
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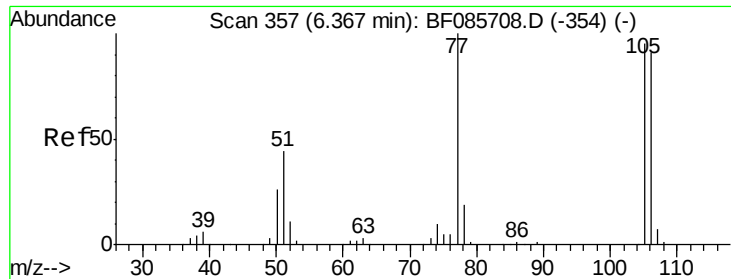
Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	128	Resp:	286184
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.9	52.9
64	37.2	20.2	60.2





#9

Benzaldehyde

Concen: 15.79 ng

RT: 6.34 min Scan# 355

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

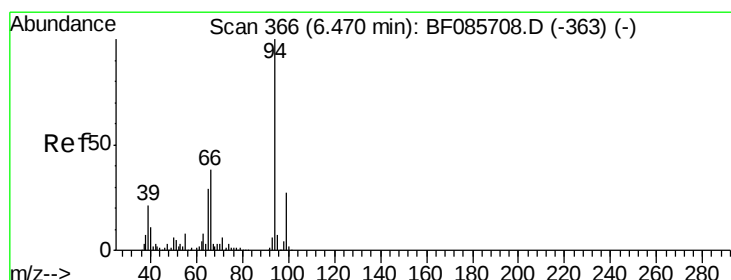
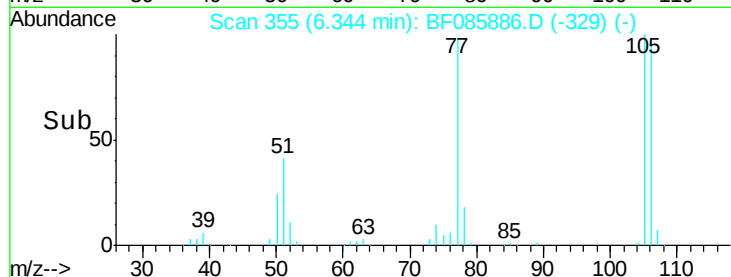
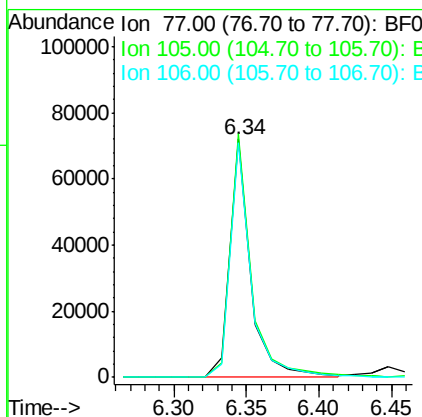
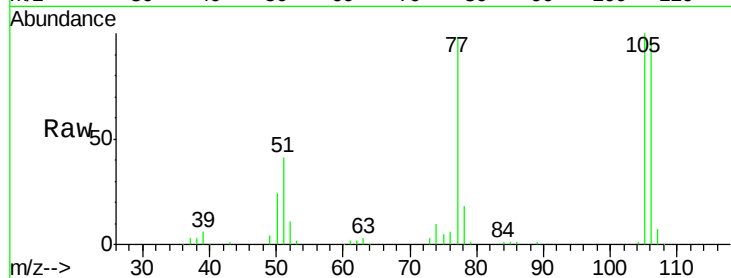
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Tgt Ion:	77	Resp:	71835
Ion	Ratio	Lower	Upper
77	100		
105	102.3	80.1	120.1
106	98.3	75.0	115.0



#10

Phenol

Concen: 36.76 ng

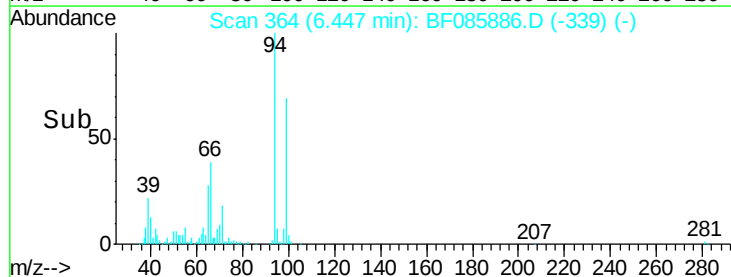
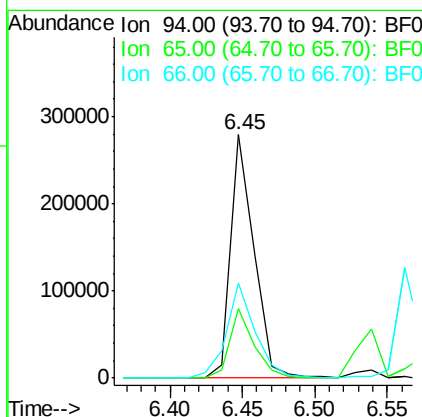
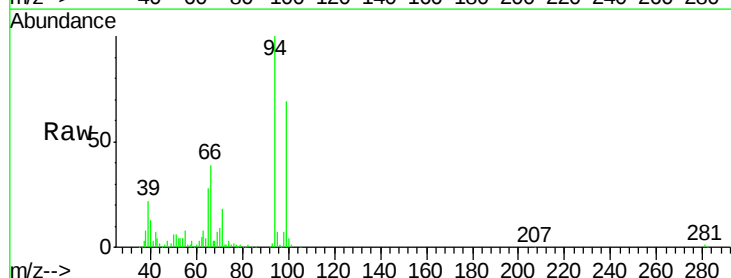
RT: 6.45 min Scan# 364

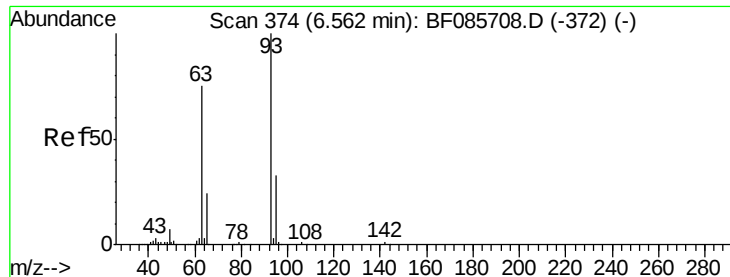
Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	94	Resp:	314358
Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.6	48.6
66	39.1	20.0	60.0





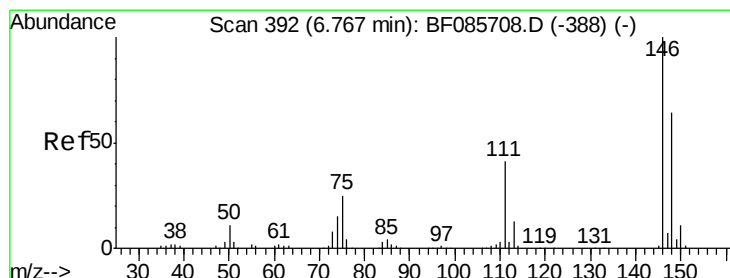
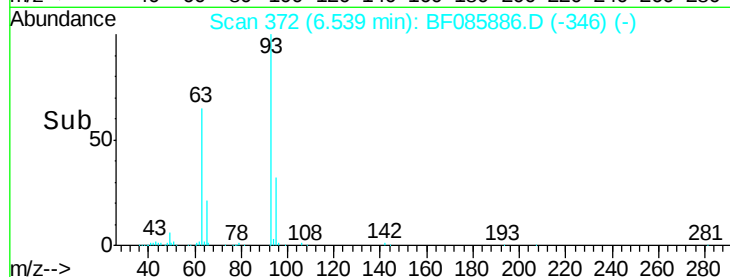
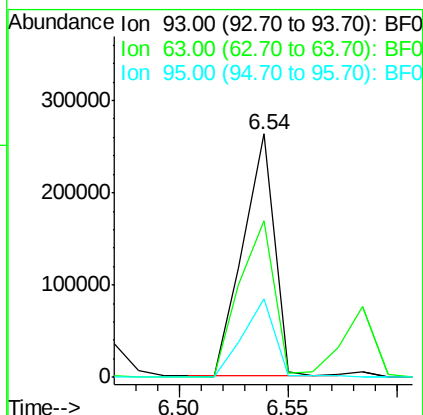
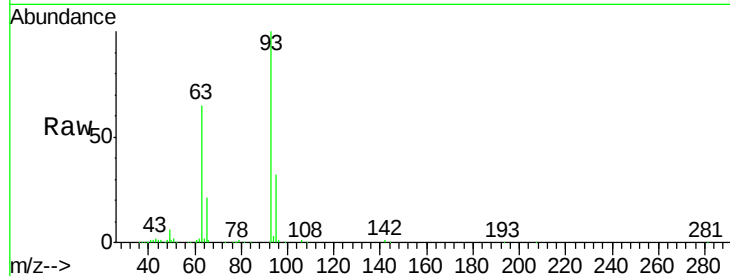
#11
bis(2-Chloroethyl)ether
Concen: 40.45 ng
RT: 6.54 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion:	93	Resp:	266212
Ion Ratio	Lower	Upper	
93	100		
63	64.5	50.9	90.9
95	32.5	13.3	53.3

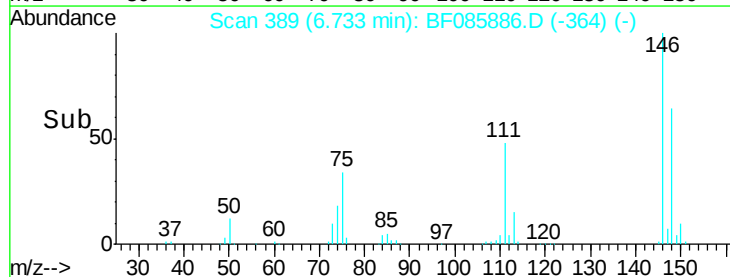
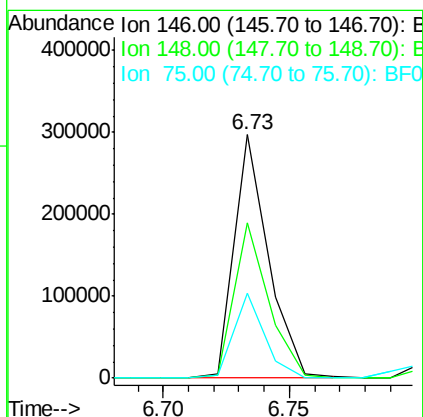
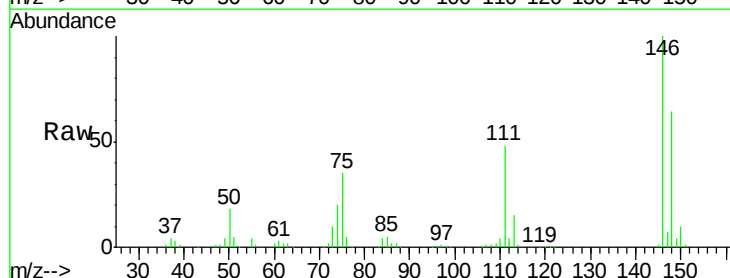
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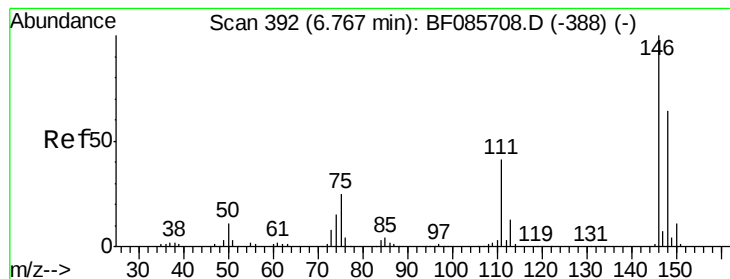
Sohil
3/31/2016 4:51:37 PM



#12
1,3-Dichlorobenzene
Concen: 37.66 ng m
RT: 6.73 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion:	146	Resp:	279709
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.3	78.5
75	34.7	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 38.45 ng

RT: 6.81 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF085886.D

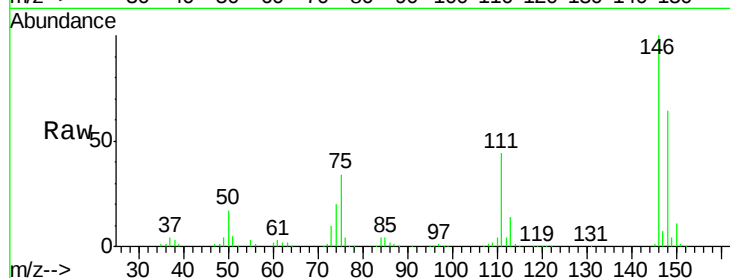
Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

ClientSampleId :

PB89280BS



Tgt Ion:146 Resp: 289649

Ion Ratio Lower Upper

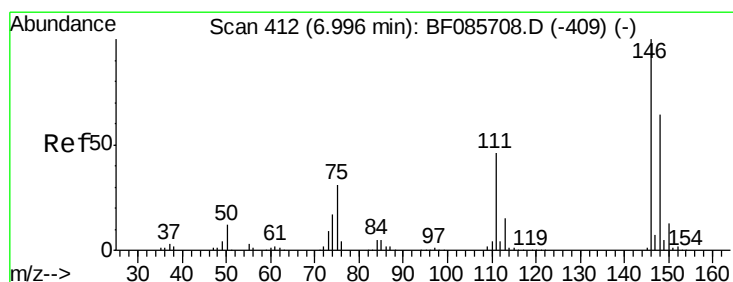
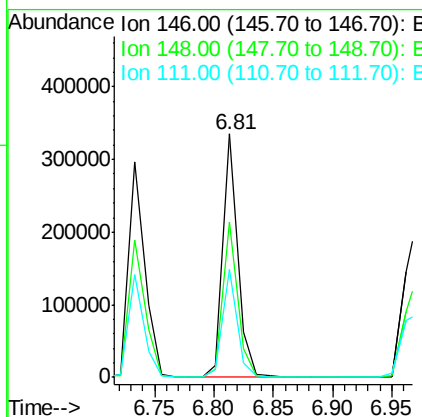
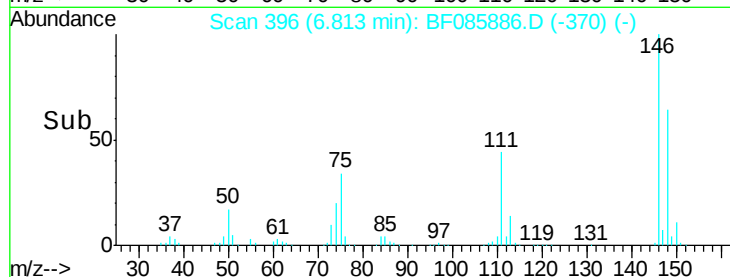
146 100

148 63.8 50.6 76.0

111 44.5 37.8 56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.40 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

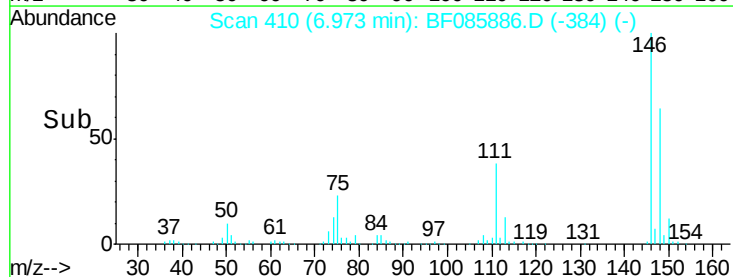
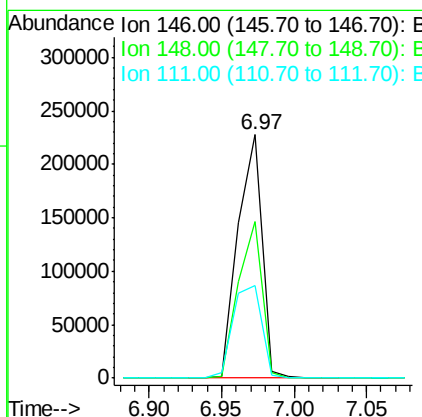
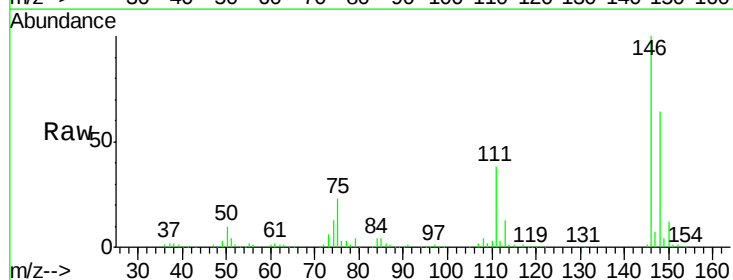
Tgt Ion:146 Resp: 262562

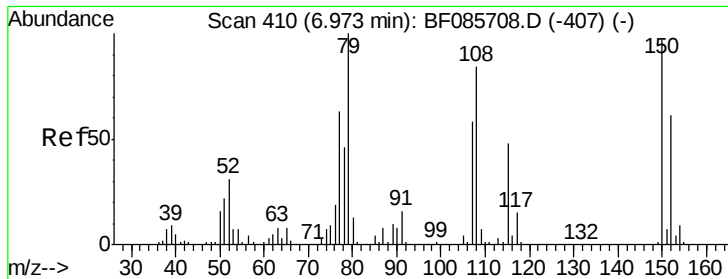
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 38.0 34.6 52.0





#15

Benzyl Alcohol

Concen: 38.16 ng

RT: 6.95 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

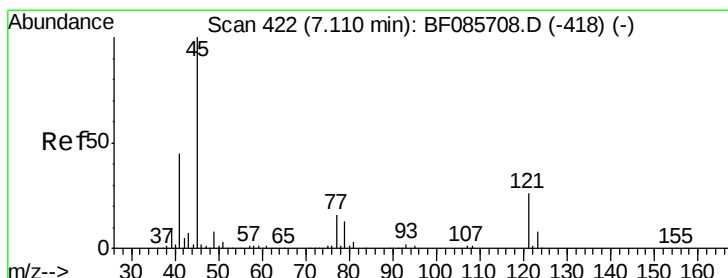
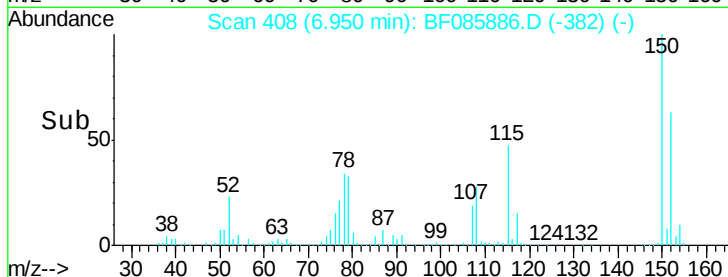
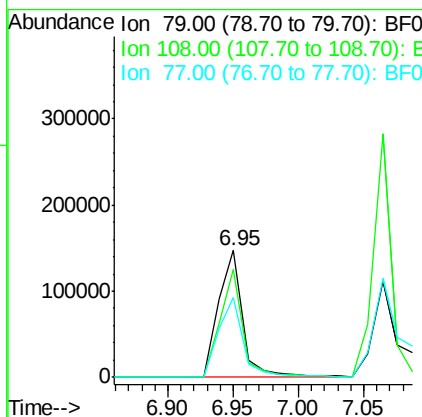
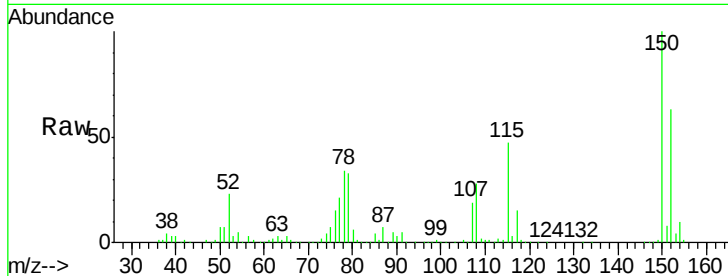
ClientSampleId :

PB89280BS

Tgt Ion:	79	Resp:	192200
Ion Ratio	Lower	Upper	
79	100		
108	85.0	61.8	92.6
77	62.9	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.83 ng

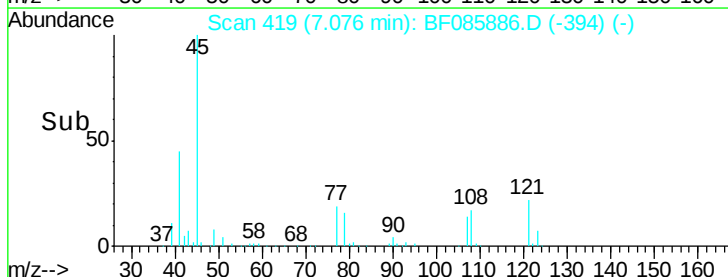
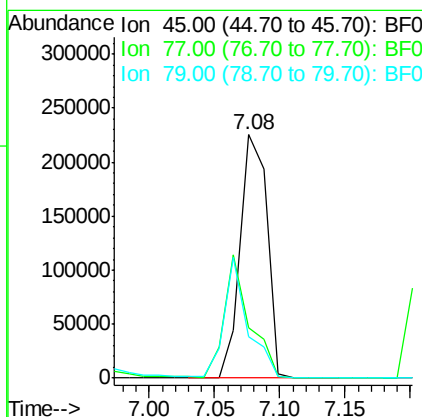
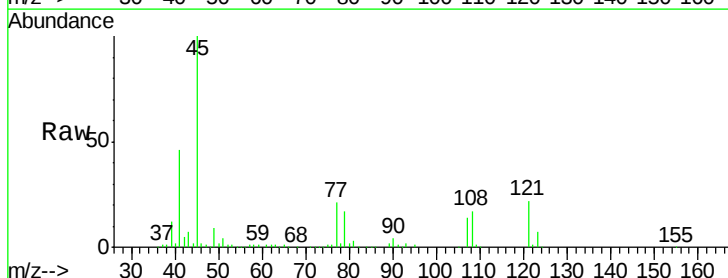
RT: 7.08 min Scan# 419

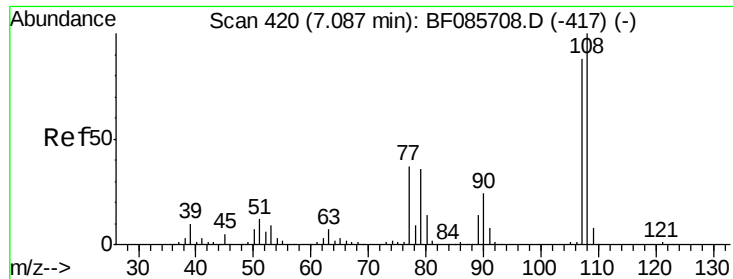
Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	45	Resp:	321561
Ion Ratio	Lower	Upper	
45	100		
77	20.7	0.0	35.7
79	16.8	0.0	32.2





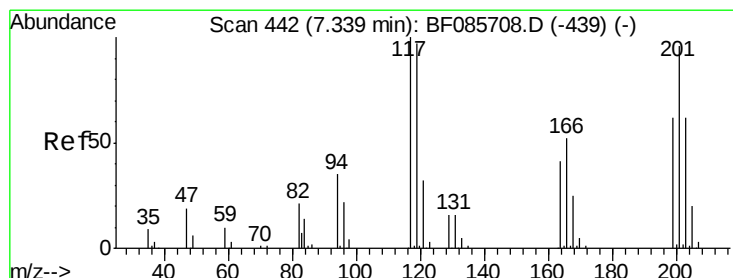
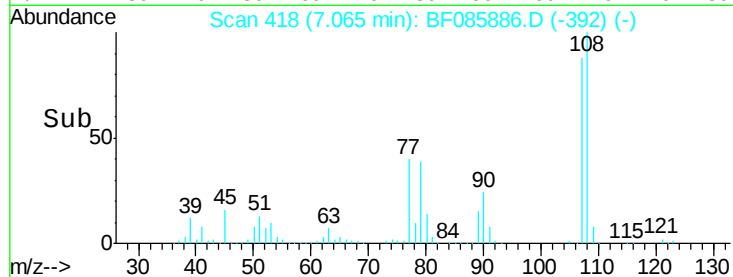
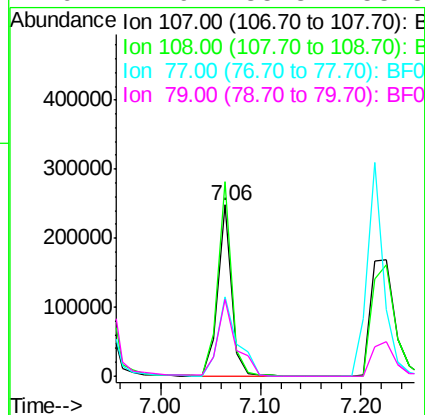
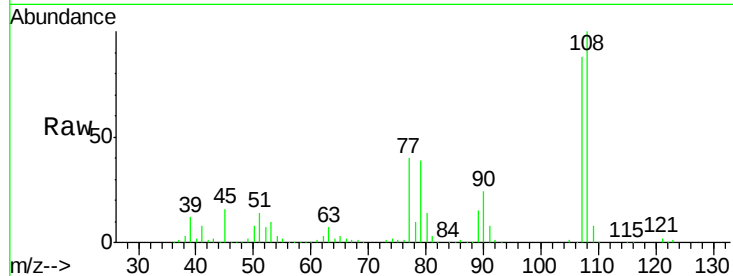
#17
2-Methylphenol
Concen: 42.79 ng
RT: 7.06 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	236299		
108	113.8	91.4	137.0	
77	46.0	36.2	54.2	
79	44.9	35.8	53.8	

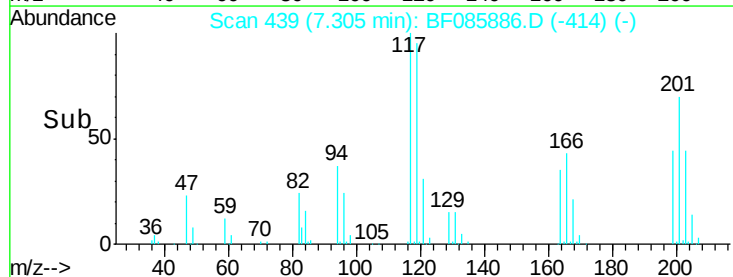
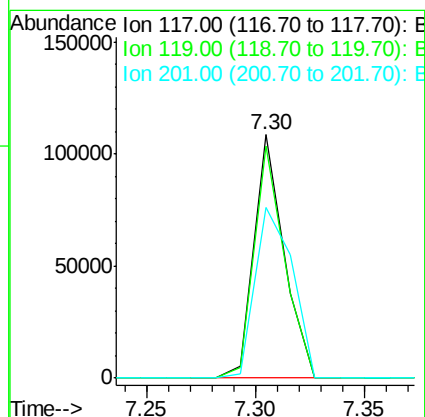
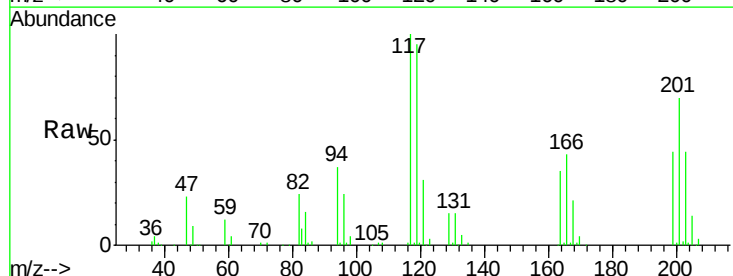
Manual Integrations
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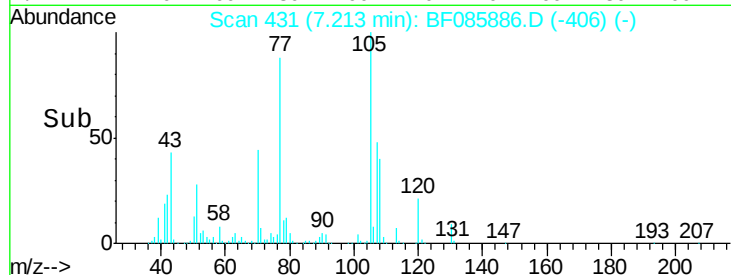
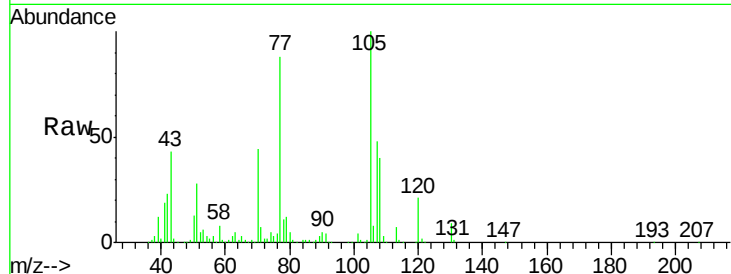
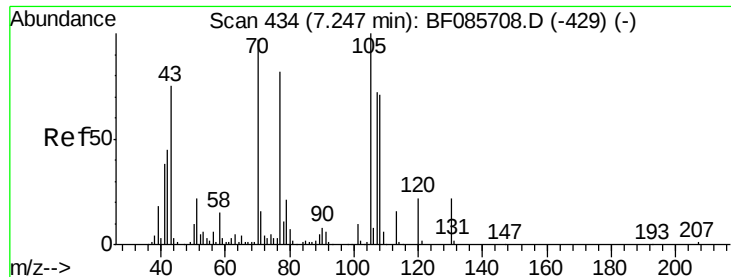
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#18
Hexachloroethane
Concen: 37.79 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104226		
119	95.4	76.7	115.1	
201	70.1	83.3	124.9	





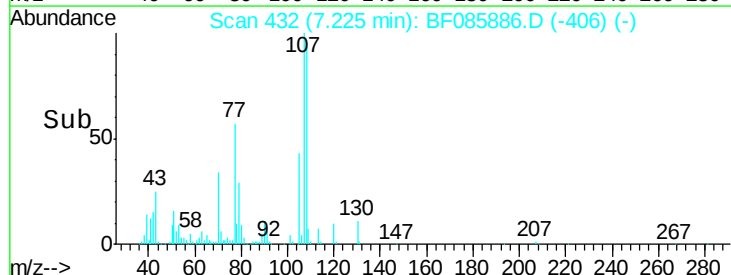
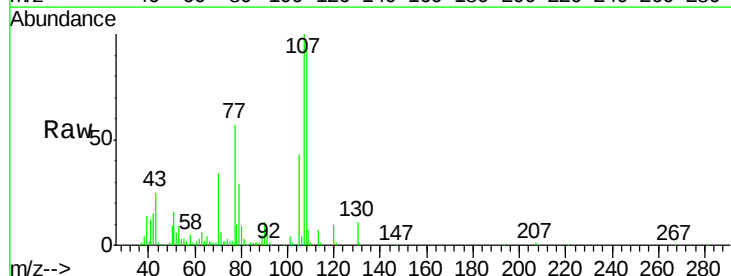
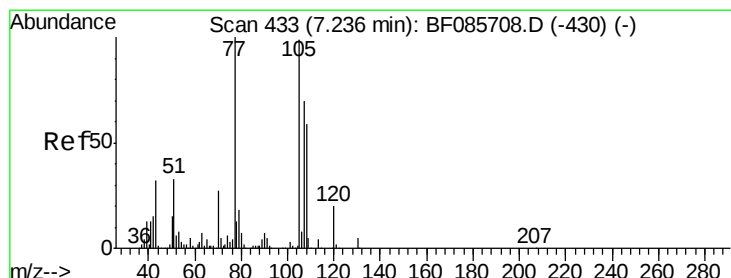
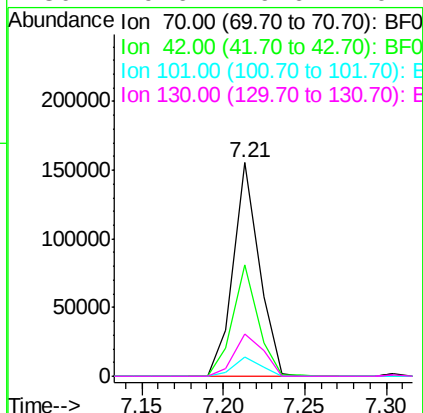
#19
n-Nitroso-di-n-propylamine
Concen: 37.83 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Manual Integrations
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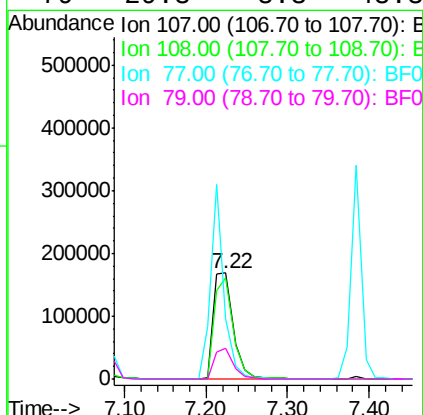
Sohil
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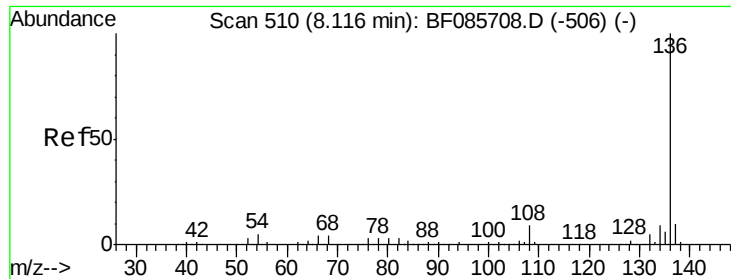
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.2	37.1	55.7
101	9.2	8.6	12.8
130	19.6	19.6	29.4#



#20
3+4-Methylphenols
Concen: 43.56 ng
RT: 7.22 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.7	69.3	109.3
77	57.5	101.7	141.7#
79	29.3	8.3	48.3





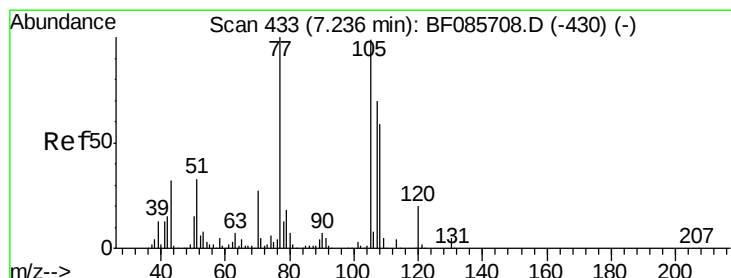
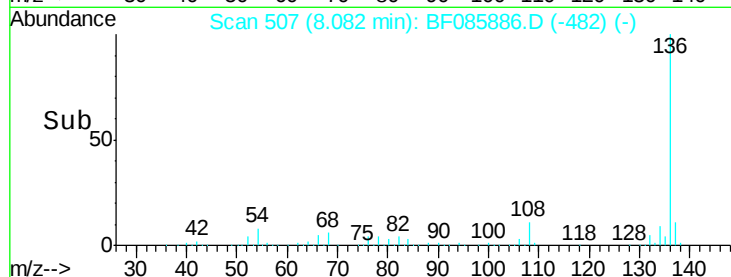
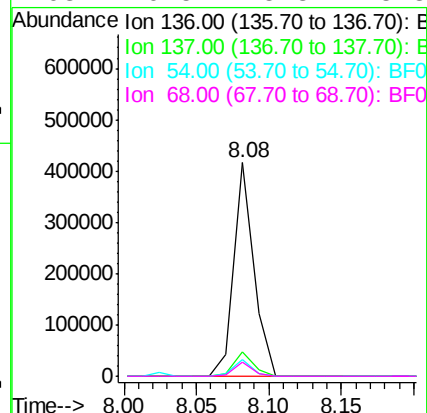
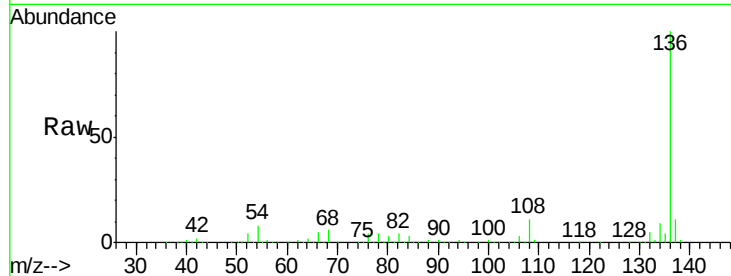
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	400308		
137	11.1	9.1	13.7	
54	7.6	7.4	11.0	
68	6.5	5.8	8.8	

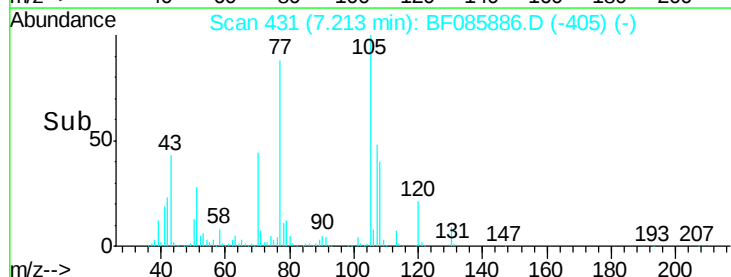
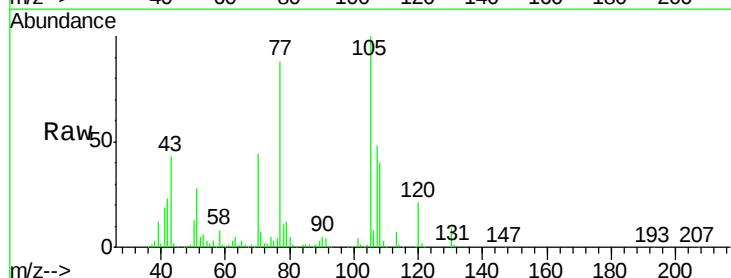
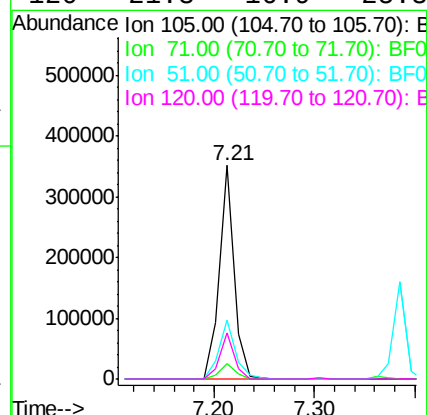
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#22
Acetophenone
Concen: 38.74 ng
RT: 7.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361300		
71	7.5	3.6	5.4#	
51	27.8	25.4	38.0	
120	21.3	16.9	25.3	





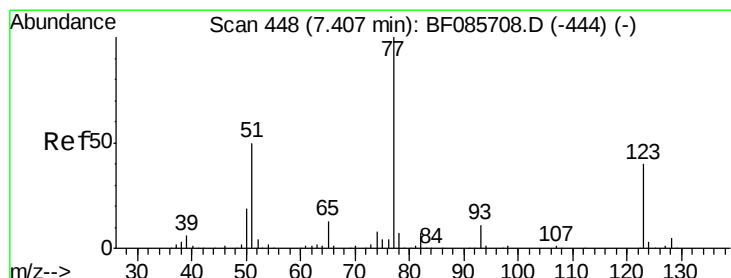
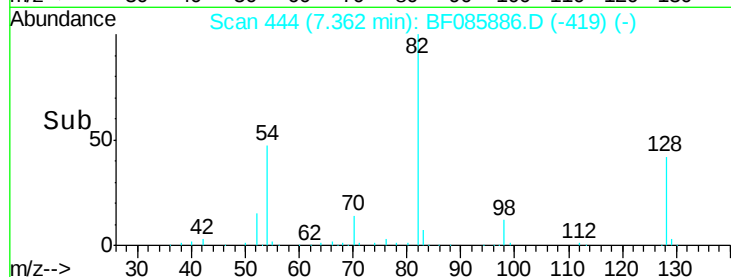
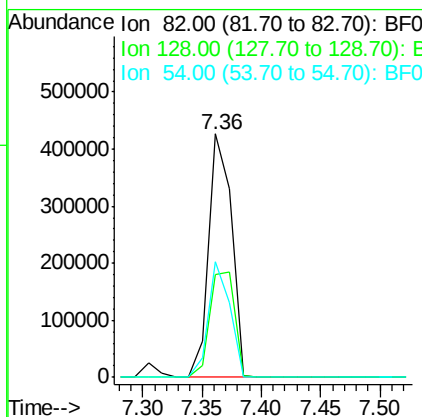
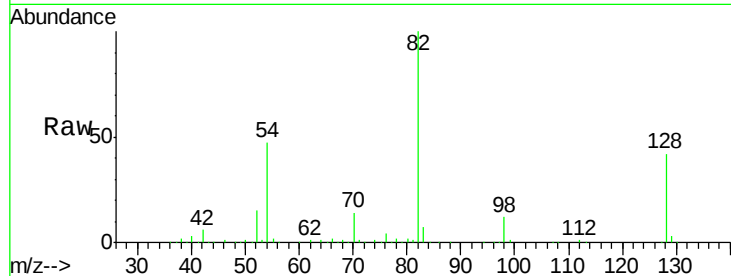
#23
 Nitrobenzene-d5
 Concen: 79.78 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	567116		
128	42.2	41.8	62.8	
54	47.3	33.4	50.0	

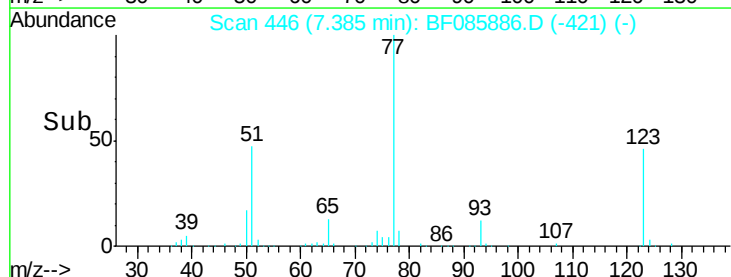
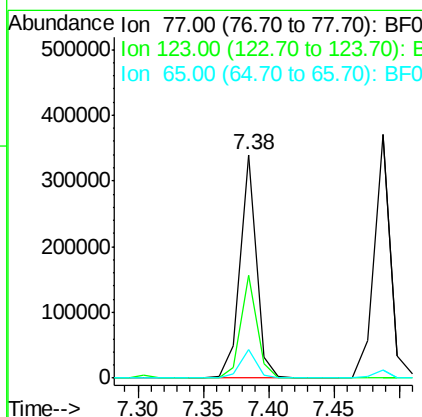
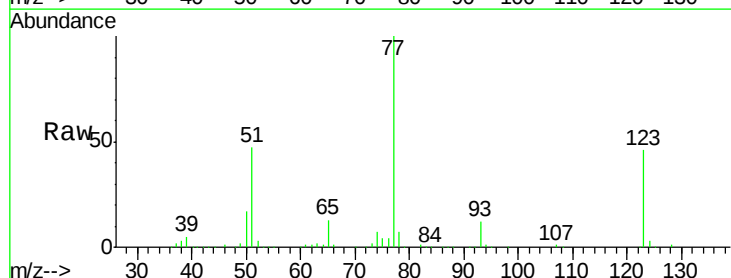
Manual Integrations
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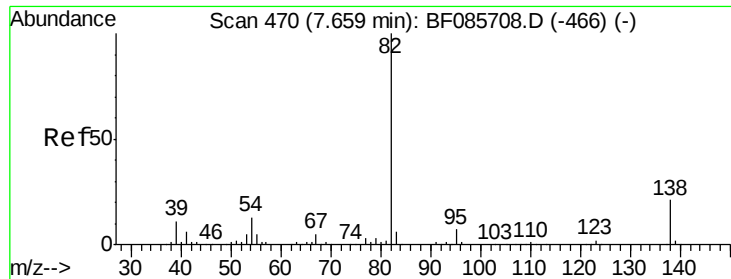
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 3/31/2016 4:51:37 PM



#24
 Nitrobenzene
 Concen: 39.88 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	292254		
123	46.0	35.0	52.4	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 38.24 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

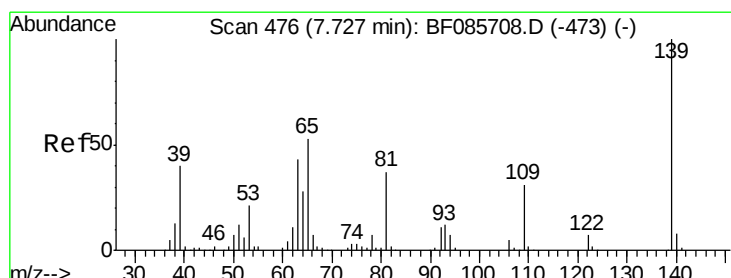
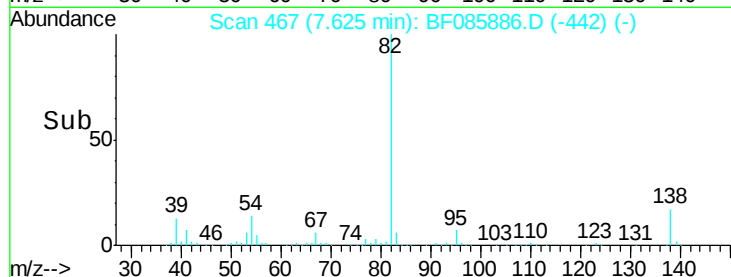
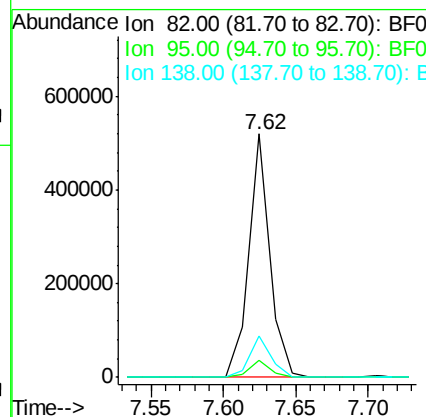
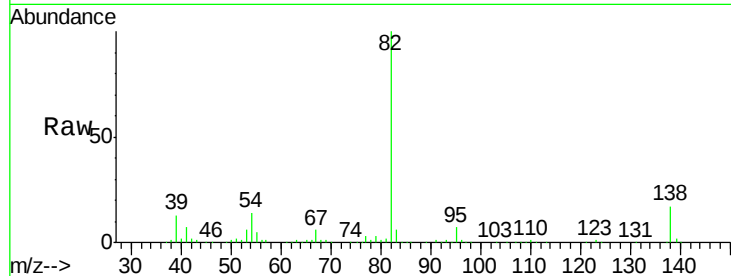
ClientSampleId :

PB89280BS

Tgt Ion:	82	Resp:	523689
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	17.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.86 ng

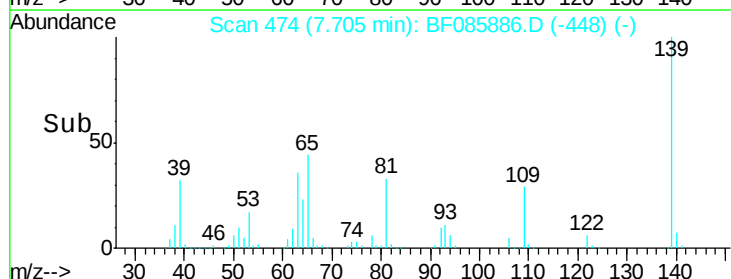
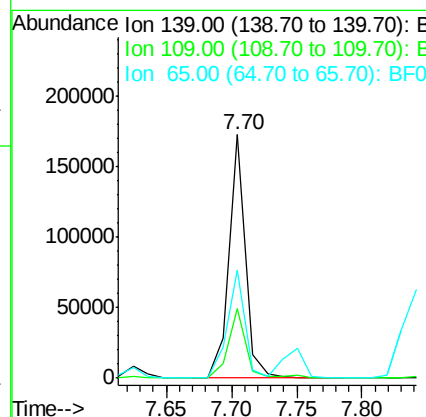
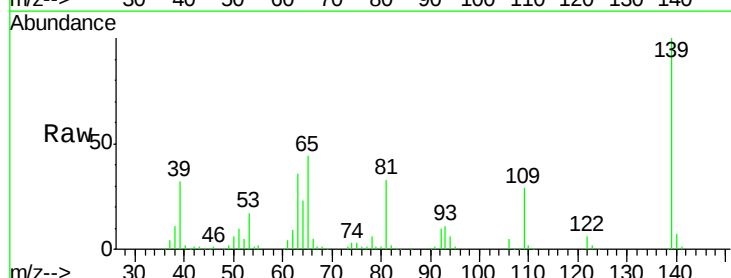
RT: 7.70 min Scan# 474

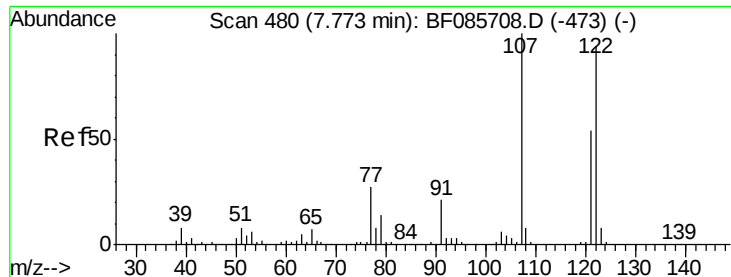
Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	139	Resp:	153461
Ion Ratio	Lower	Upper	
139	100		
109	28.6	22.1	33.1
65	44.4	33.9	50.9





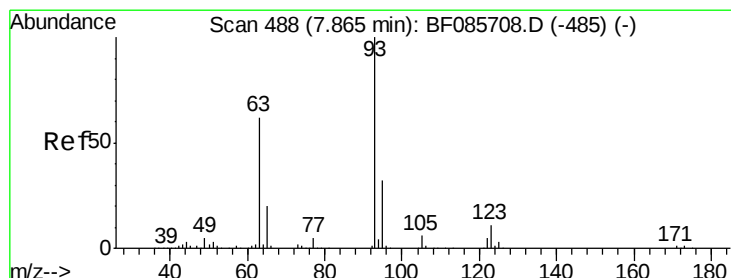
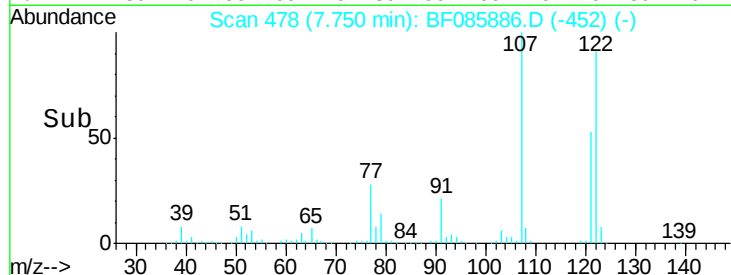
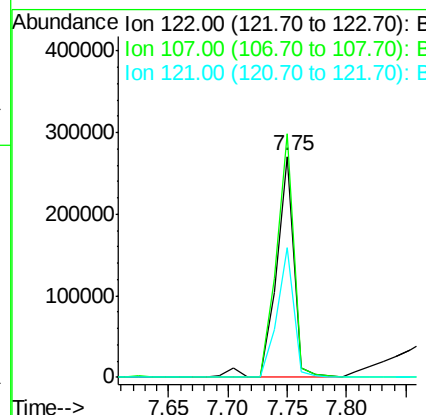
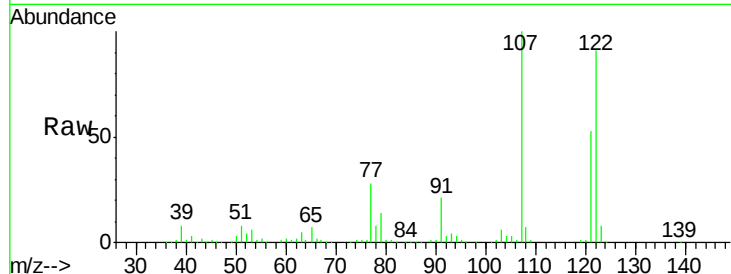
#27
 2,4-Dimethylphenol
 Concen: 43.49 ng
 RT: 7.75 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	278671		
107	110.2	93.0	139.6	
121	58.9	45.9	68.9	

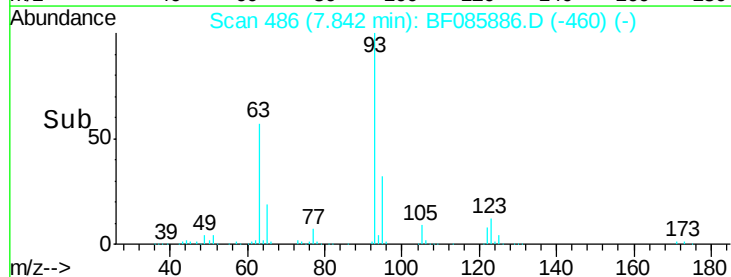
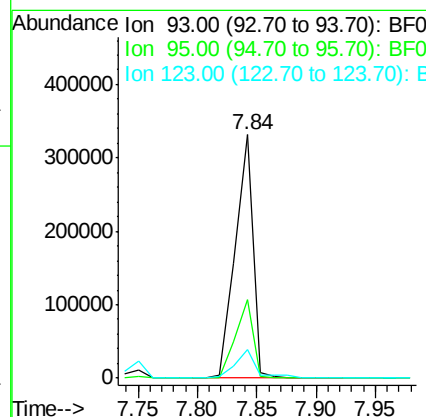
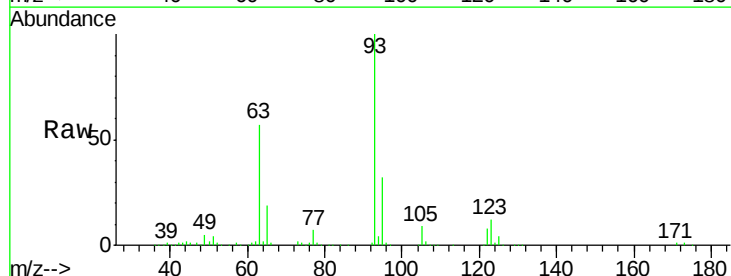
Manual Integrations
 APPROVED

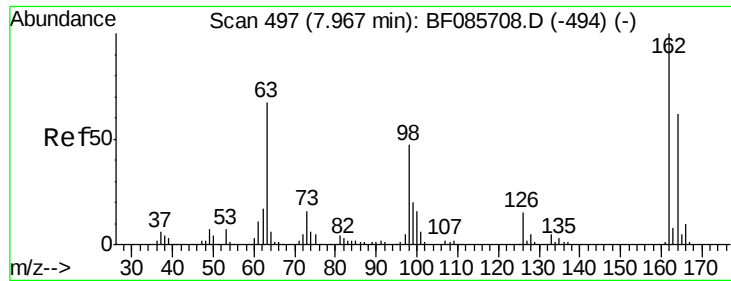
Sohil
 3/31/2016 4:51:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.20 ng
 RT: 7.84 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	344846		
95	32.4	26.4	39.6	
123	11.8	9.8	14.6	





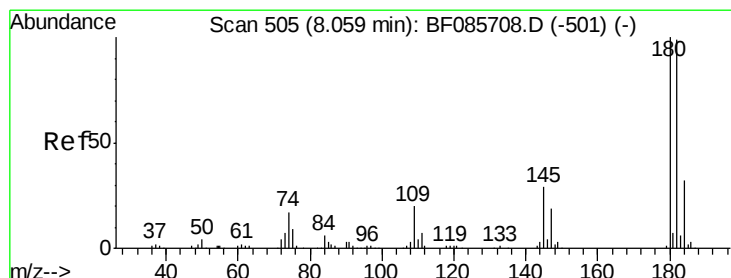
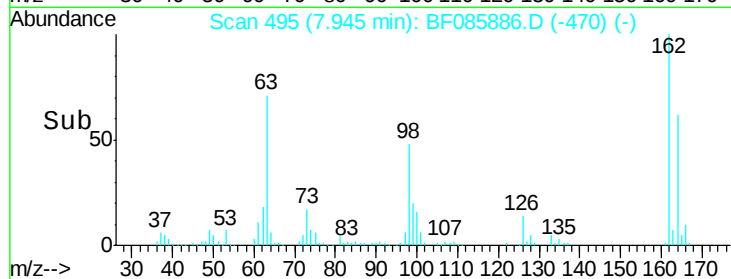
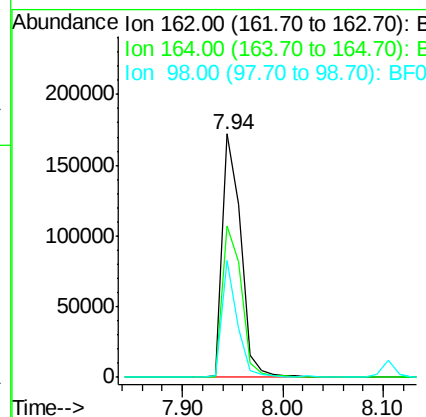
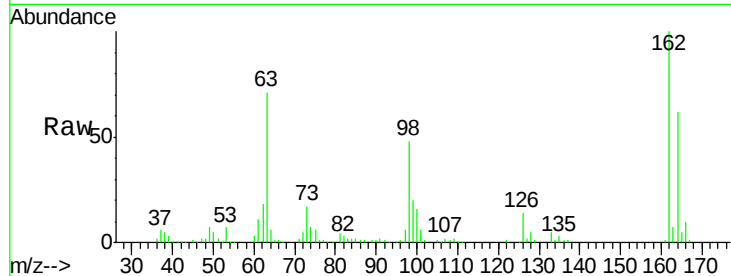
#29
2,4-Dichlorophenol
Concen: 40.74 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	219455		
164	62.3	43.7	83.7	
98	48.0	20.4	60.4	

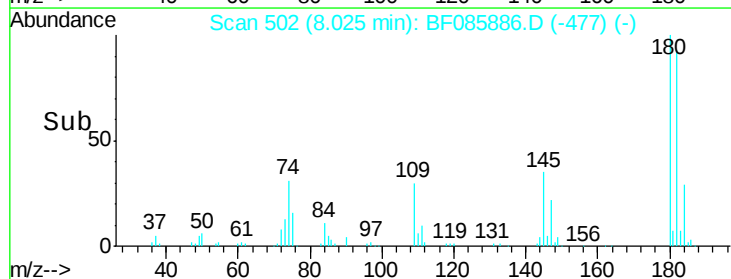
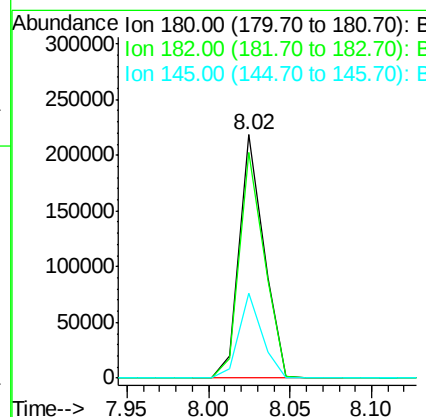
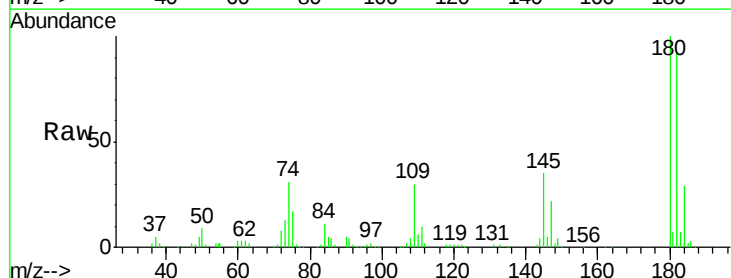
Manual Integrations
APPROVED

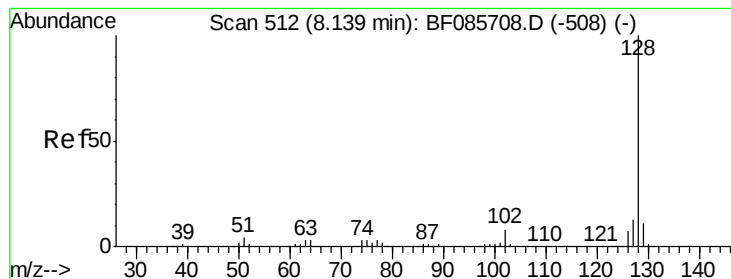
Sohil
3/31/2016 4:51:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.96 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227029		
182	92.7	73.8	110.8	
145	34.7	28.4	42.6	





#31

Naphthalene

Concen: 38.69 ng

RT: 8.10 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

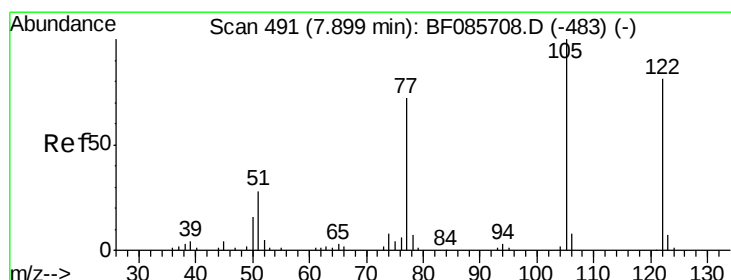
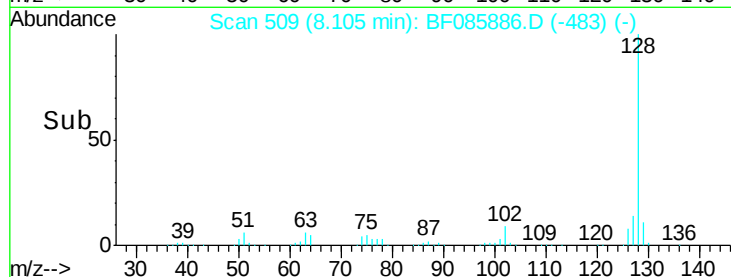
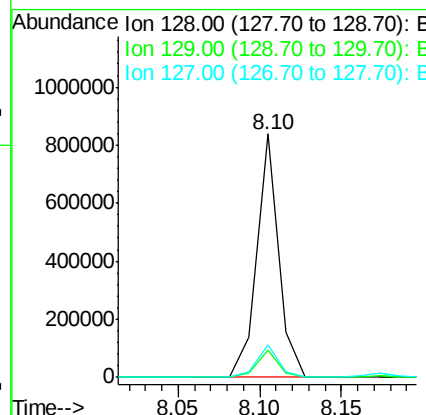
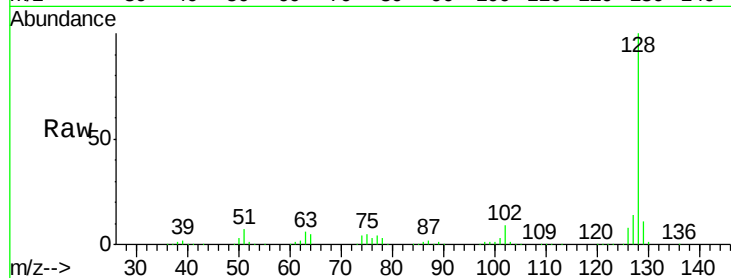
ClientSampled :

PB89280BS

Tgt Ion:	128	Resp:	780391
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.4	14.0
127	13.5	11.0	16.6

Manual Integrations
APPROVED

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3/31/2016 4:51:37 PM



#32

Benzoic acid

Concen: 35.02 ng

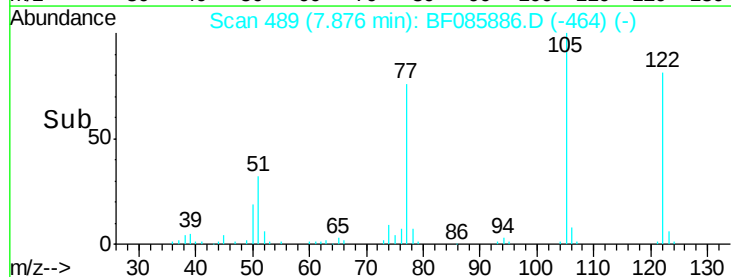
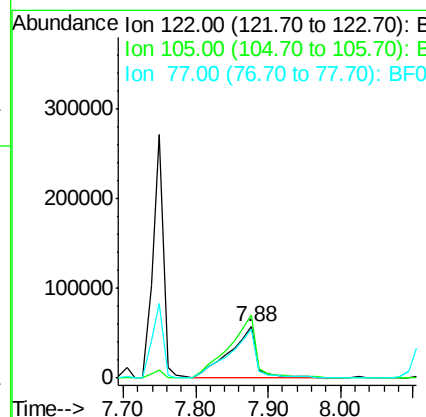
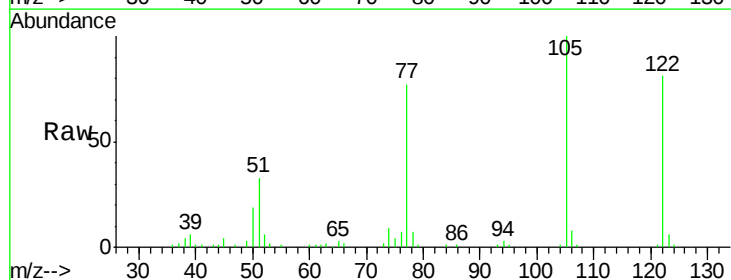
RT: 7.88 min Scan# 489

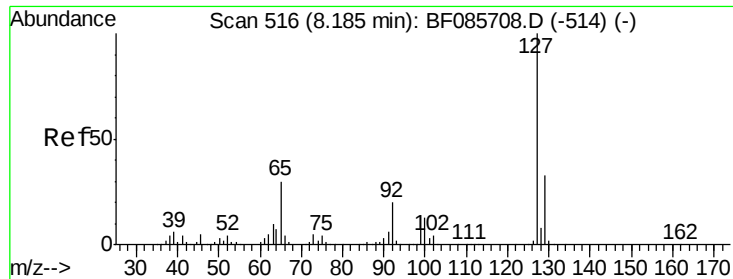
Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	122	Resp:	149030
Ion Ratio	Lower	Upper	
122	100		
105	123.5	102.9	142.9
77	94.6	71.8	111.8





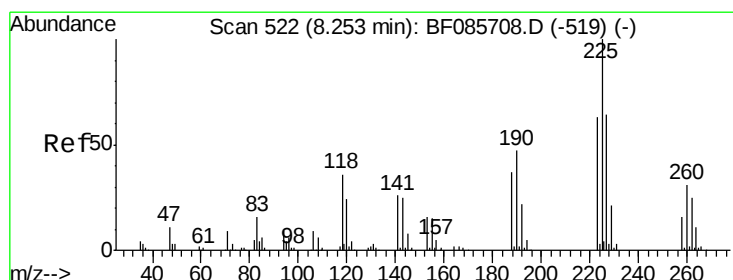
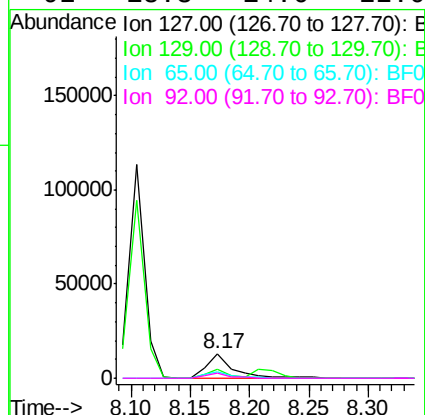
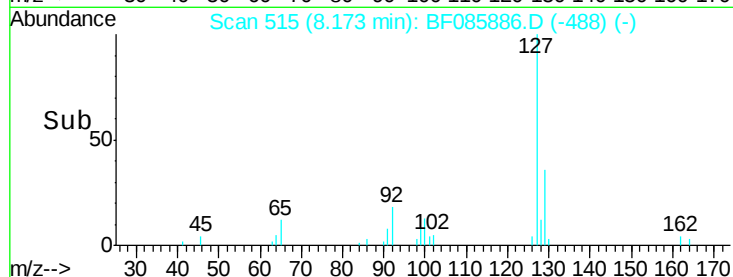
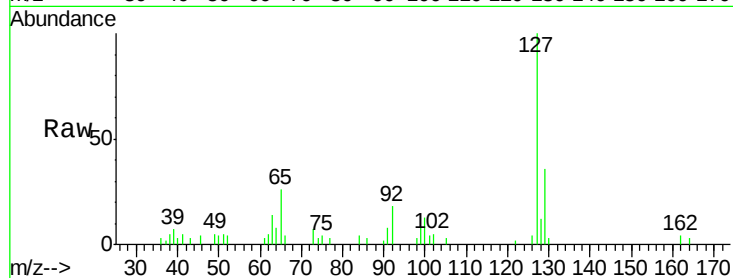
#33
4-Chloroaniline
Concen: 2.49 ng
RT: 8.17 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Manual Integrations
APPROVED

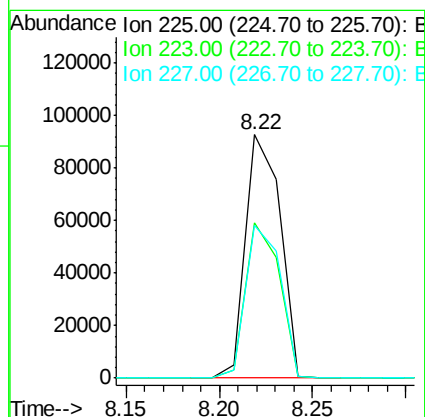
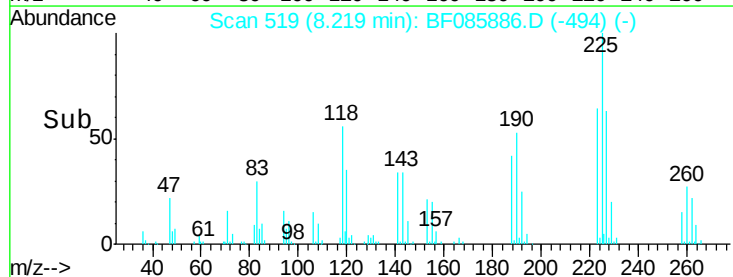
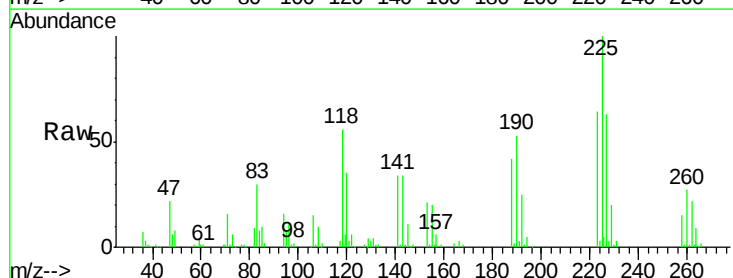
Sohil
3/31/2016 4:51:37 PM

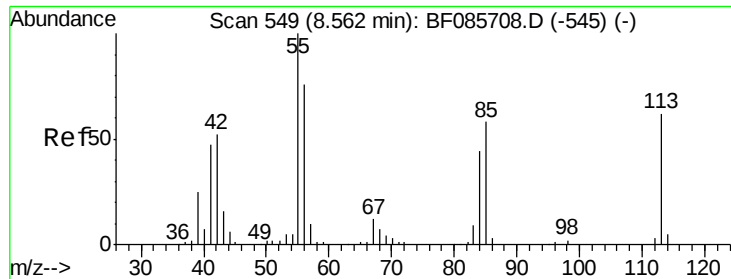
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	20470		
129	35.5	26.1	39.1	
65	26.0	19.5	29.3	
92	18.3	14.6	22.0	



#34
Hexachlorobutadiene
Concen: 36.67 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119193		
223	63.8	50.4	75.6	
227	62.5	51.4	77.2	





#35

Caprolactam

Concen: 37.47 ng m

RT: 8.53 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

ClientSampleId :

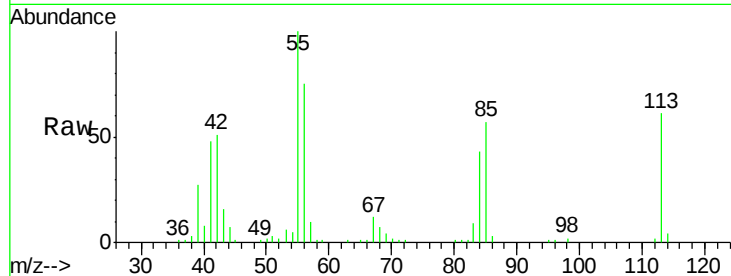
PB89280BS

Tgt Ion:113 Resp: 71494

Ion	Ratio	Lower	Upper
113	100		
55	165.0	139.4	179.4
56	124.3	100.4	140.4

Manual Integrations
APPROVED

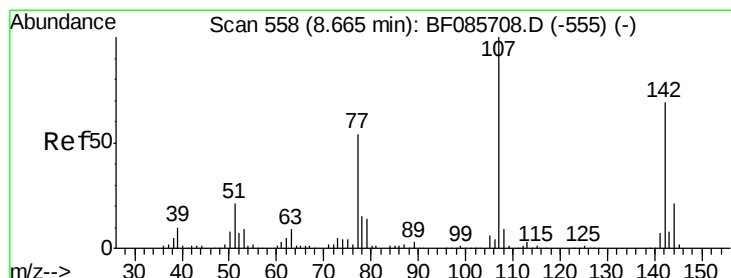
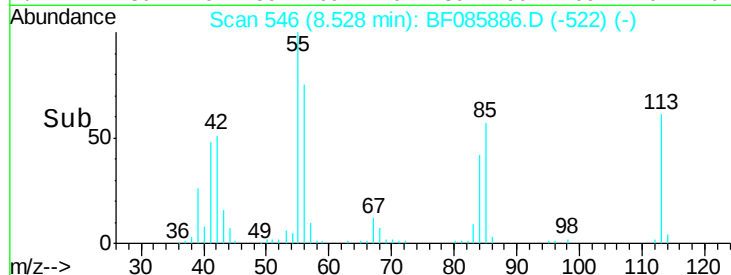
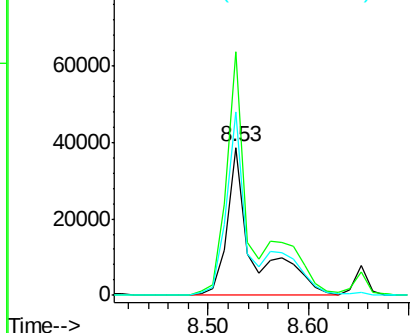
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.27 ng

RT: 8.65 min Scan# 557

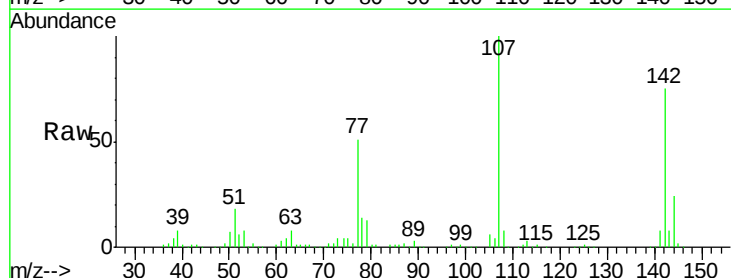
Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:107 Resp: 253397

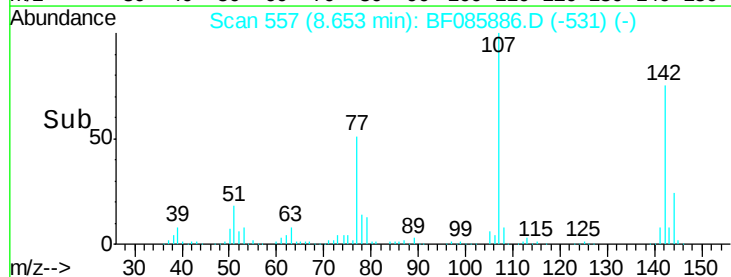
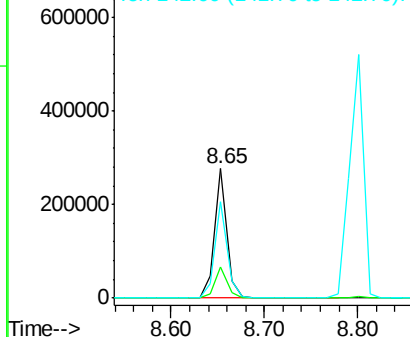
Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.3	28.9
142	75.0	61.4	92.0

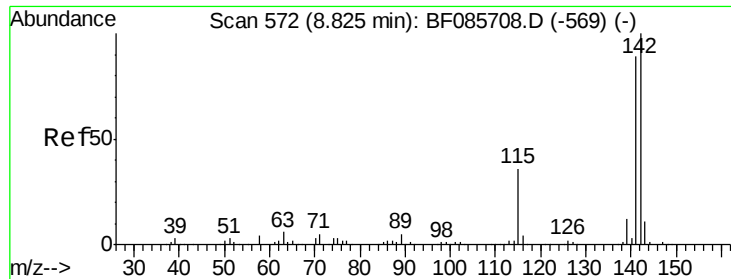


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





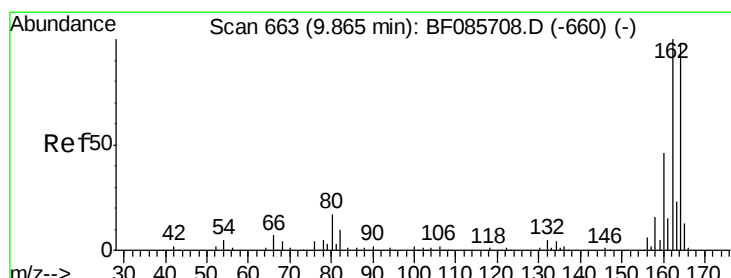
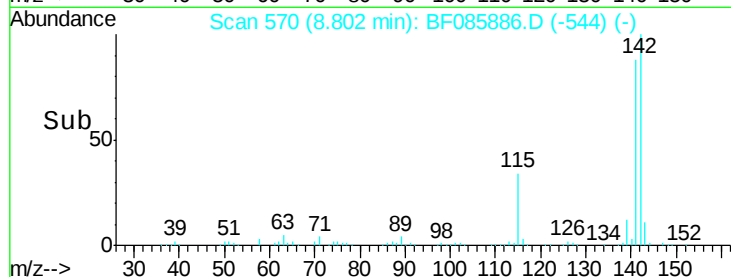
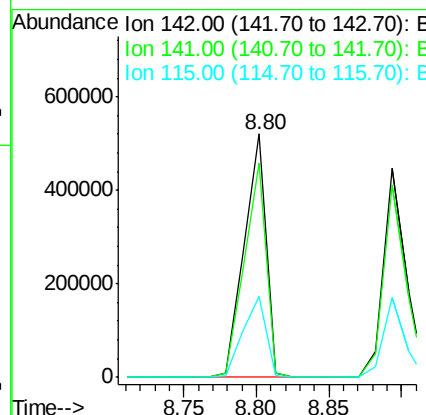
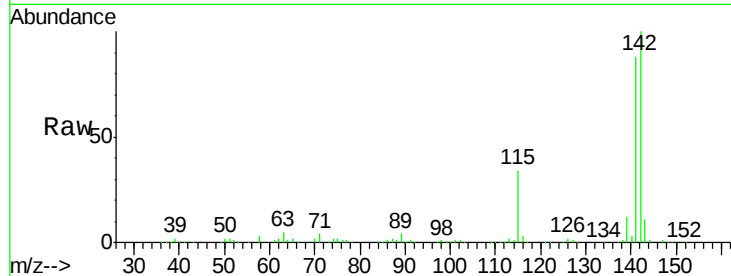
#37
2-Methylnaphthalene
Concen: 47.01 ng
RT: 8.80 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	546932		
141	88.1	71.6	107.4	
115	33.5	26.8	40.2	

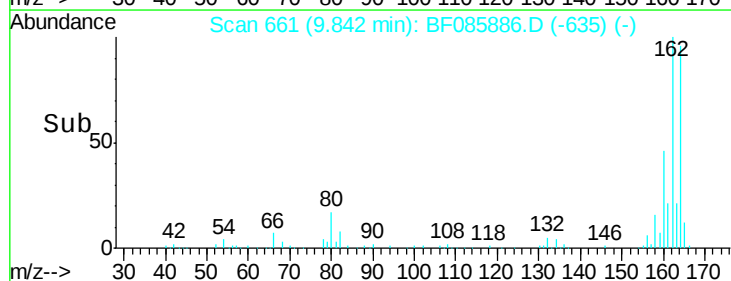
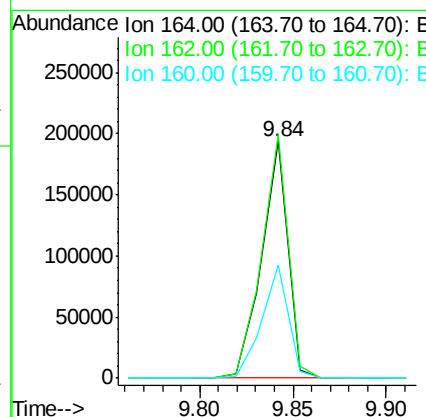
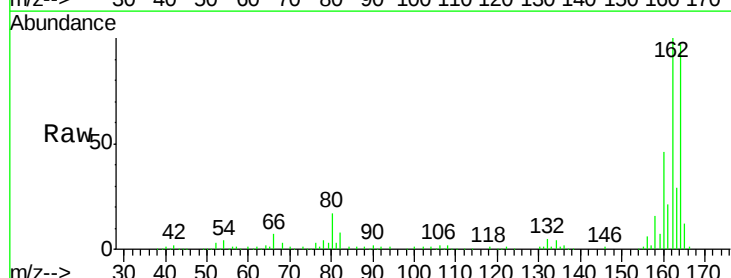
Manual Integrations
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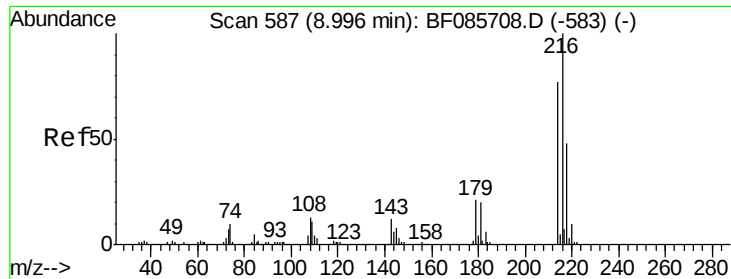
Sohil
3/31/2016 4:51:37 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187245		
162	102.8	82.1	123.1	
160	47.8	37.4	56.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.47 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

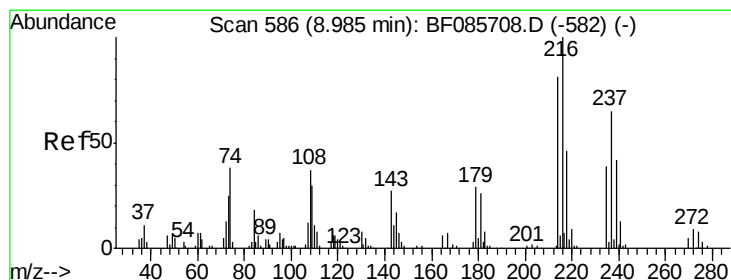
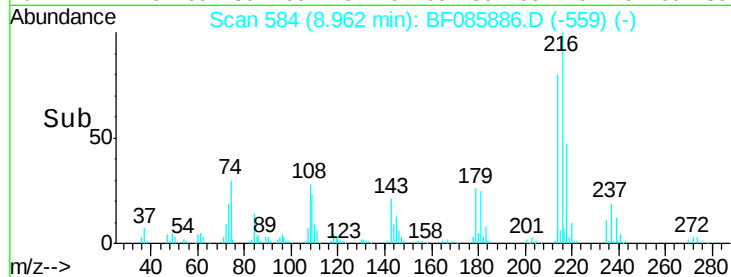
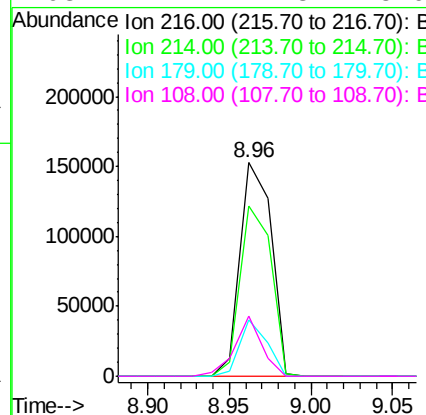
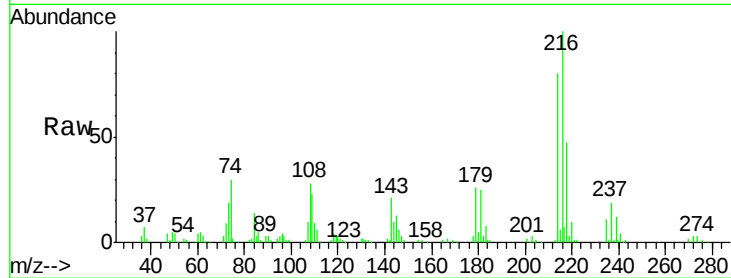
ClientSampleId :

PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	202495		
214	79.4	63.1	94.7	
179	23.0	18.2	27.2	
108	24.2	17.3	25.9	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 72.17 ng

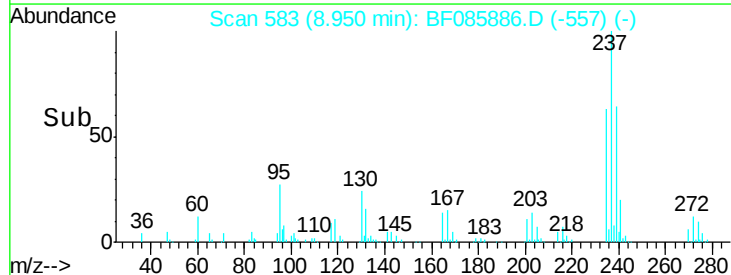
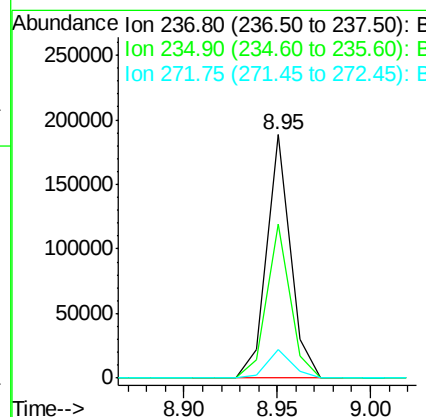
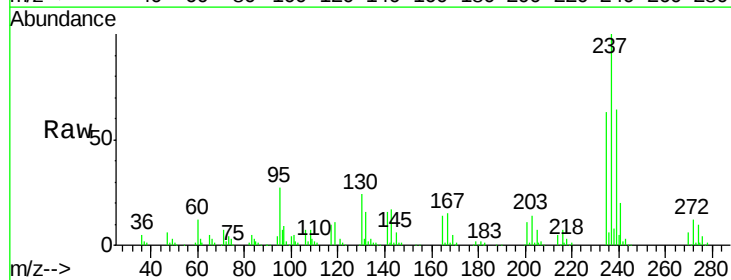
RT: 8.95 min Scan# 583

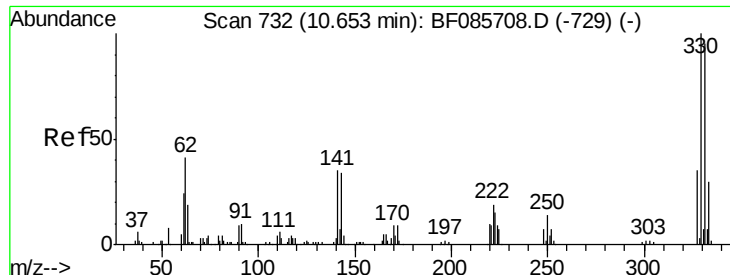
Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	164680		
235	63.4	43.7	83.7	
272	11.8	0.0	31.9	





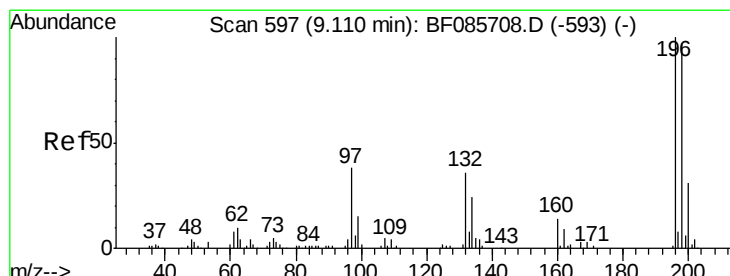
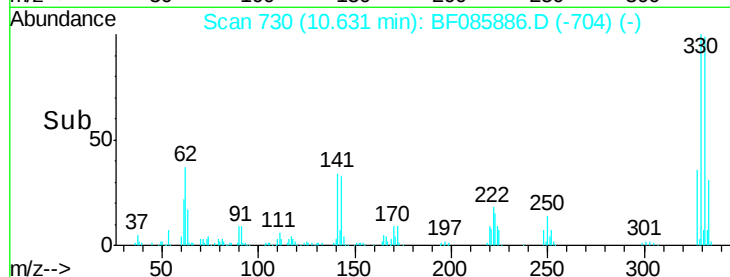
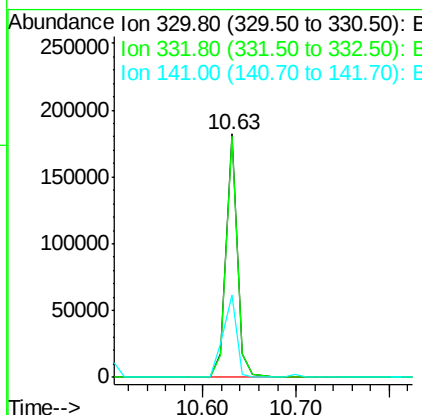
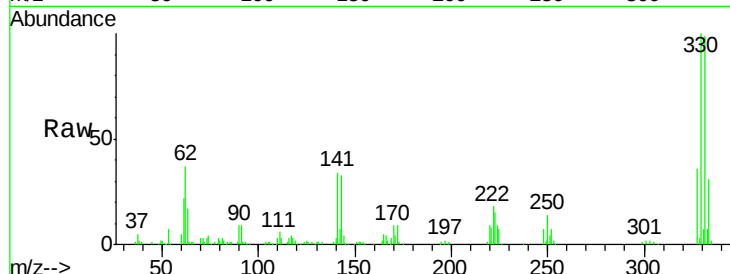
#41
 2,4,6-Tribromophenol
 Concen: 85.80 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleID :
 PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	152638		
332	98.5	78.2	117.2	
141	41.1	31.5	47.3	

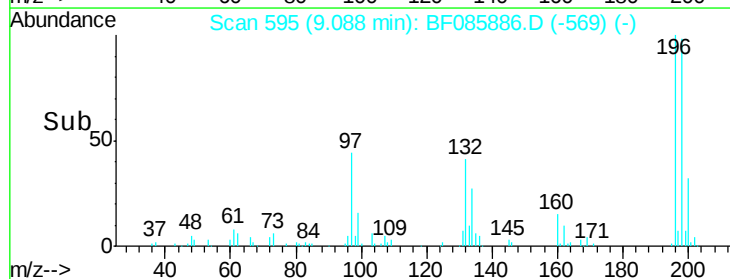
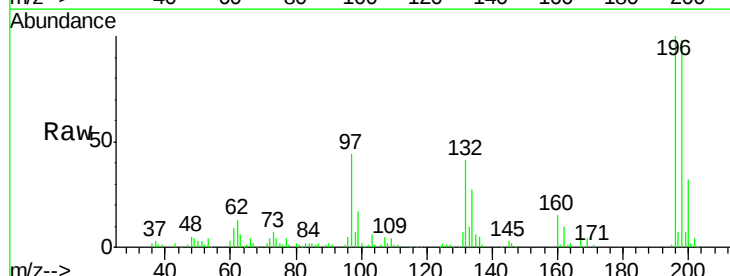
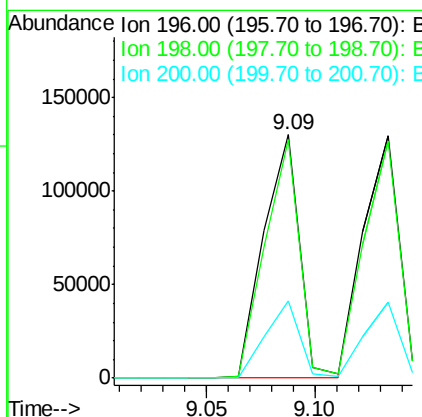
Manual Integrations
 APPROVED

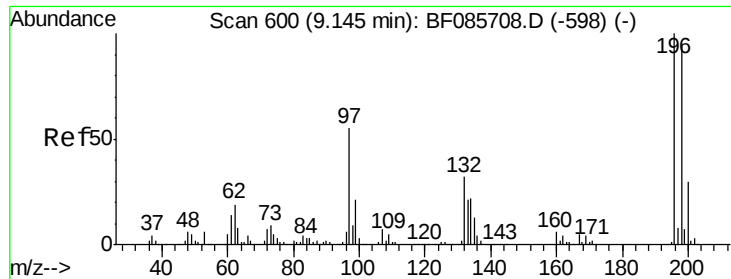
Sohil
 3/31/2016 4:51:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.99 ng
 RT: 9.09 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

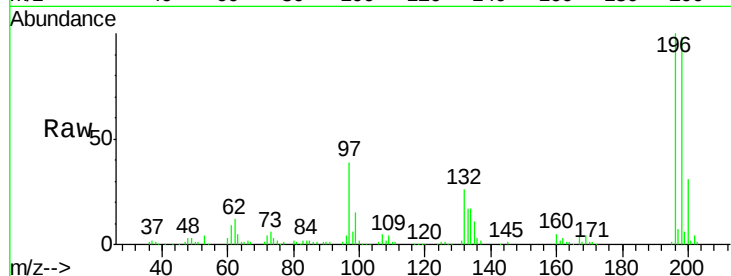
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149968		
198	97.9	75.3	112.9	
200	31.5	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

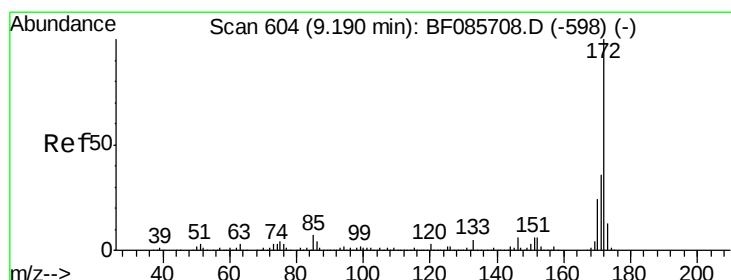
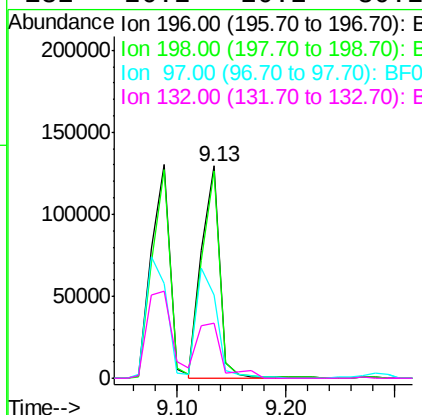
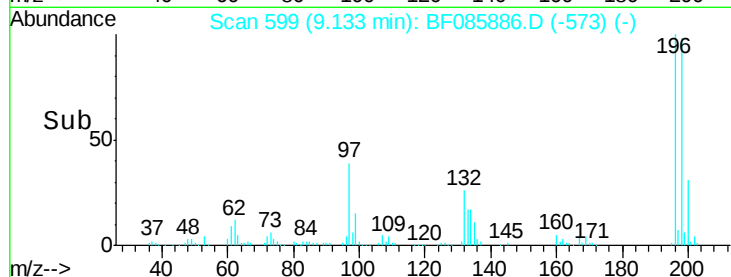
Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151925		
198	98.0	76.6	114.8	
97	39.3	30.5	45.7	
132	26.2	20.2	30.2	

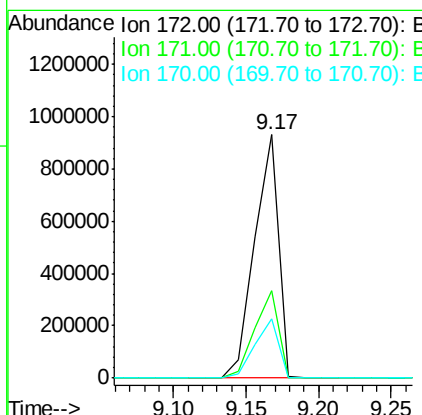
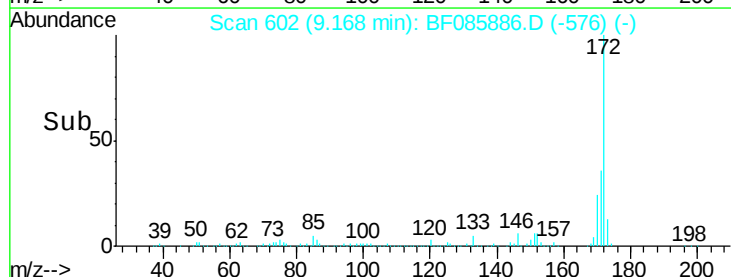
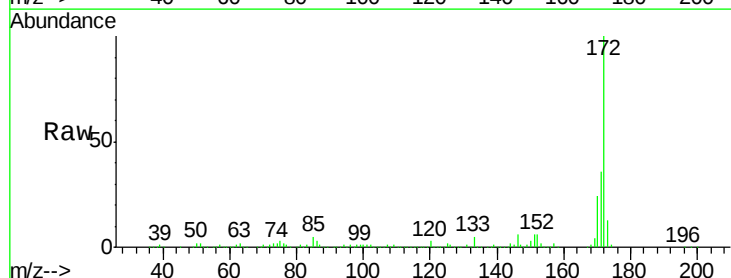
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#44
 2-Fluorobiphenyl
 Concen: 94.68 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1061095		
171	35.8	29.4	44.2	
170	24.5	19.8	29.6	





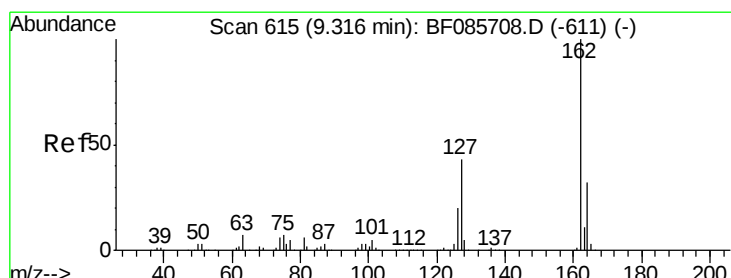
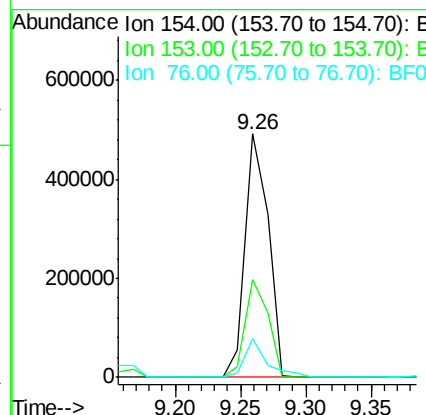
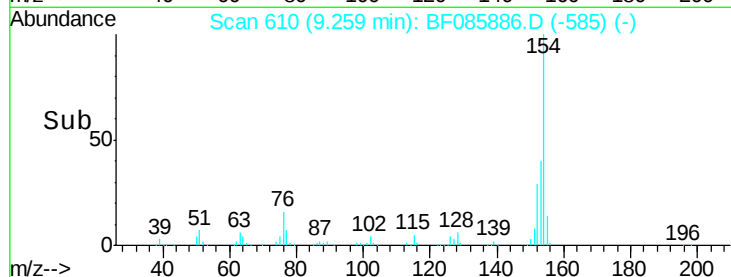
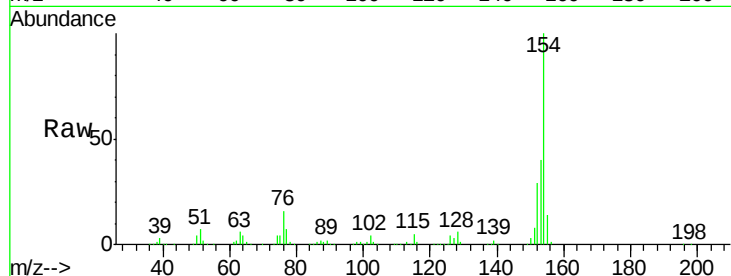
#45
 1,1'-Biphenyl
 Concen: 38.18 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion:	154	Resp:	603313
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.8	60.8
76	15.9	0.0	36.7

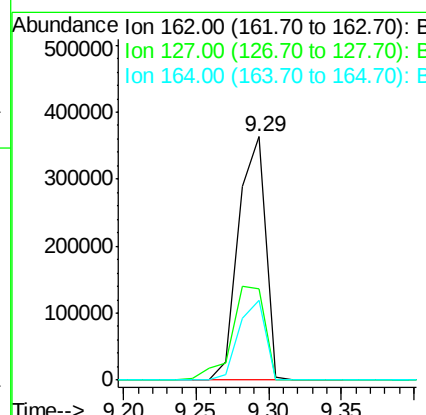
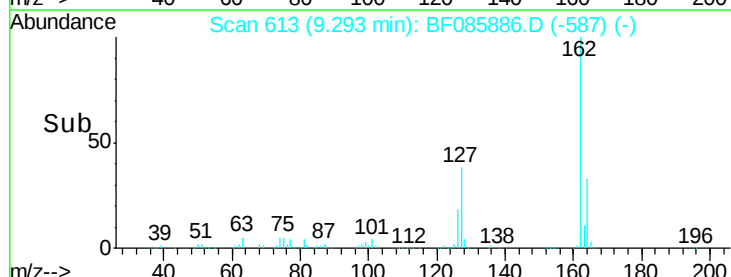
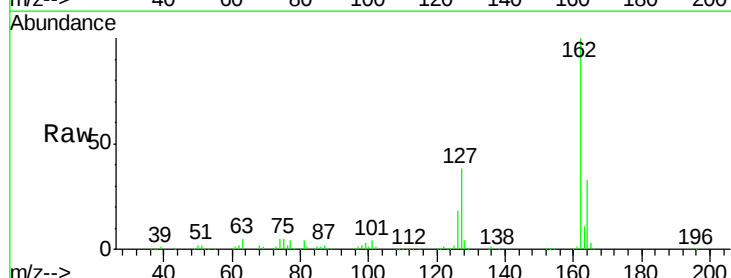
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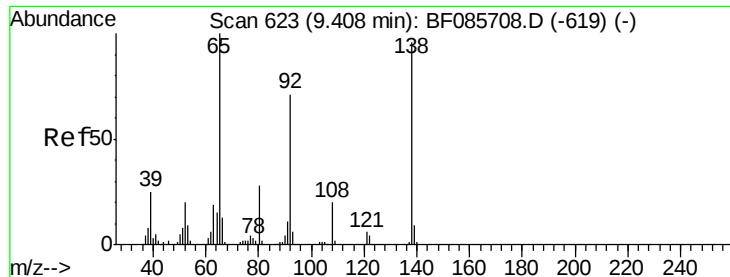
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#46
 2-Chloronaphthalene
 Concen: 40.46 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion:	162	Resp:	470047
Ion Ratio	Lower	Upper	
162	100		
127	37.6	31.7	47.5
164	32.9	27.3	40.9





#47

2-Nitroaniline

Concen: 35.67 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

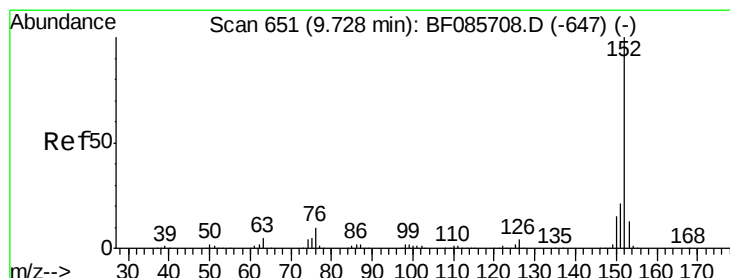
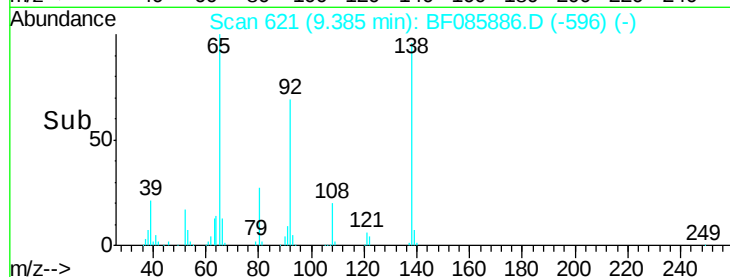
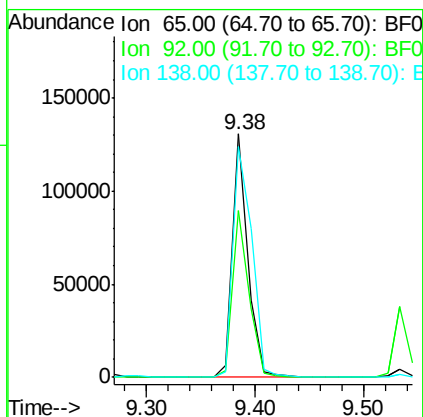
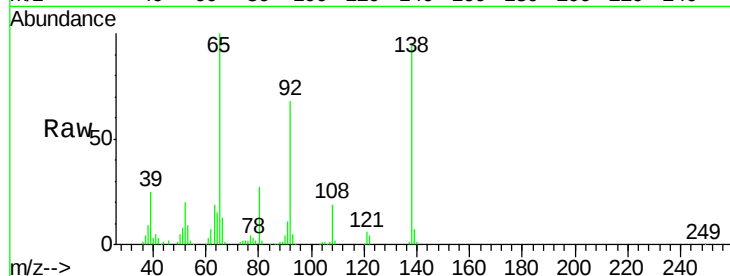
ClientSampleId :

PB89280BS

Tgt Ion:	65	Resp:	126726
Ion Ratio	Lower	Upper	
65	100		
92	68.3	59.7	89.5
138	94.8	91.4	137.0

Manual Integrations
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#48

Acenaphthylene

Concen: 42.78 ng

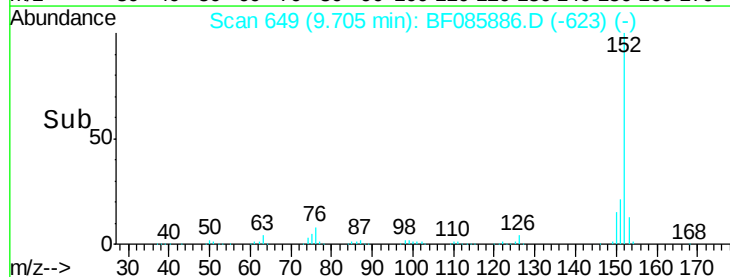
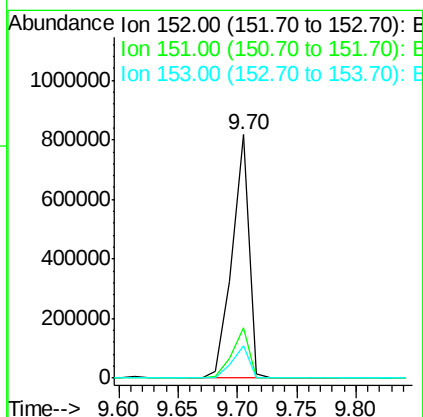
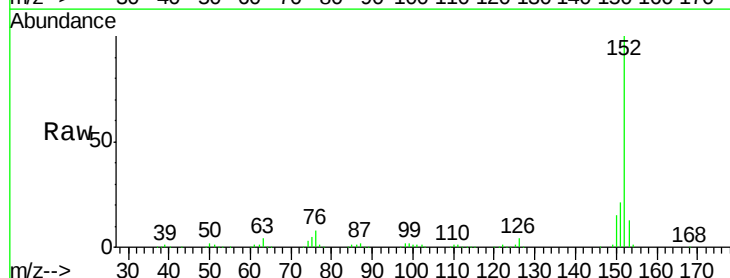
RT: 9.70 min Scan# 649

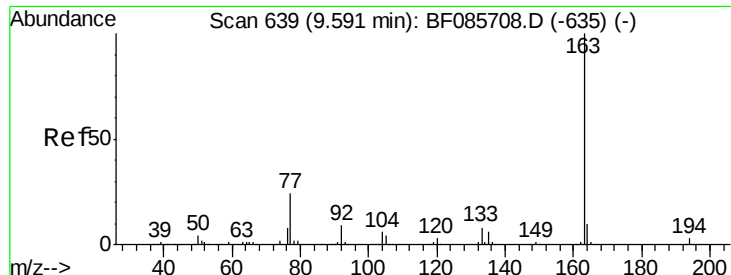
Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	152	Resp:	809778
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	13.2	10.9	16.3





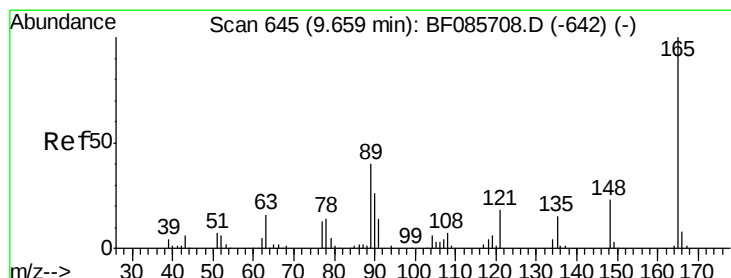
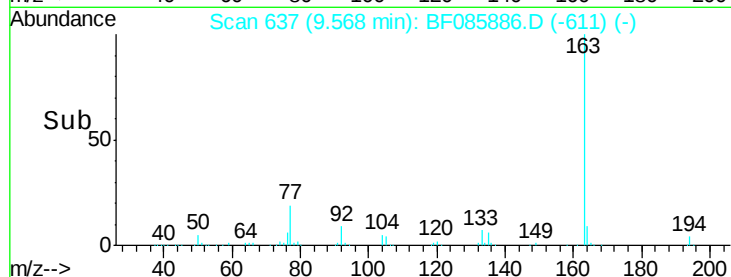
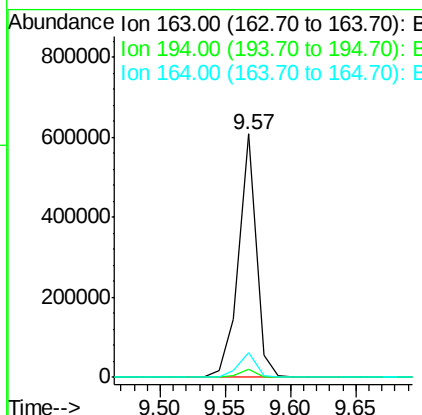
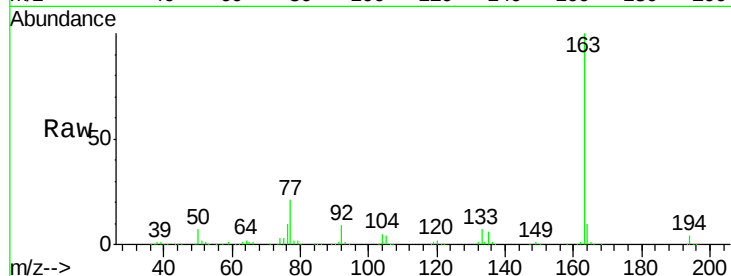
#49
Dimethylphthalate
Concen: 40.07 ng
RT: 9.57 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.9	4.3
164	10.4	8.3	12.5

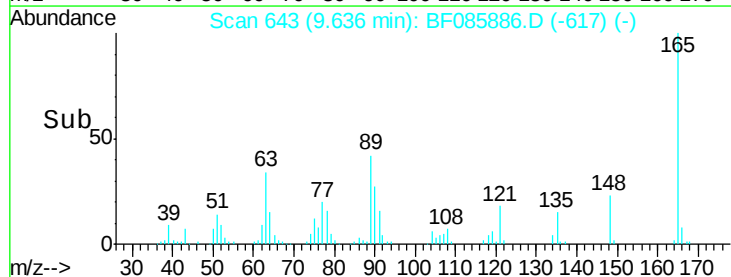
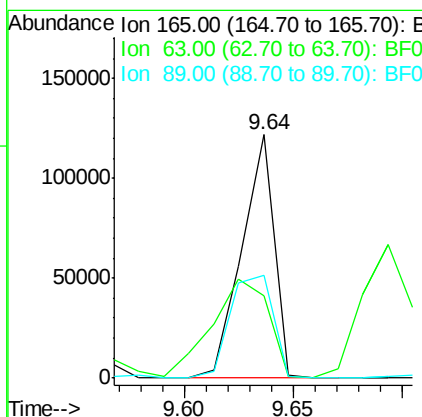
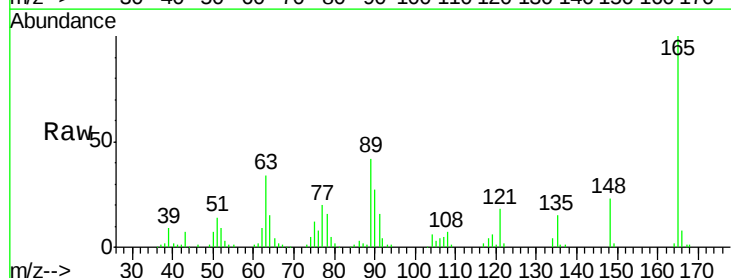
Manual Integrations
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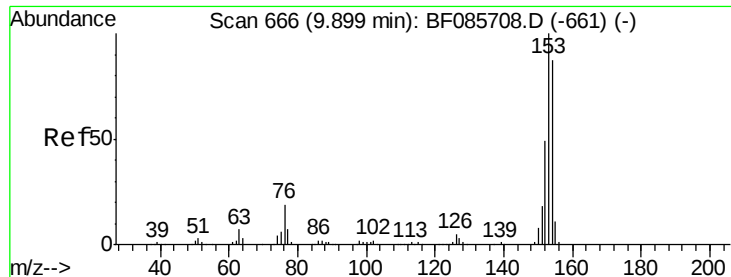
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#50
2,6-Dinitrotoluene
Concen: 41.09 ng
RT: 9.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	33.7	51.8	77.8#
89	42.3	53.7	80.5#





#51

Acenaphthene

Concen: 40.93 ng

RT: 9.88 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

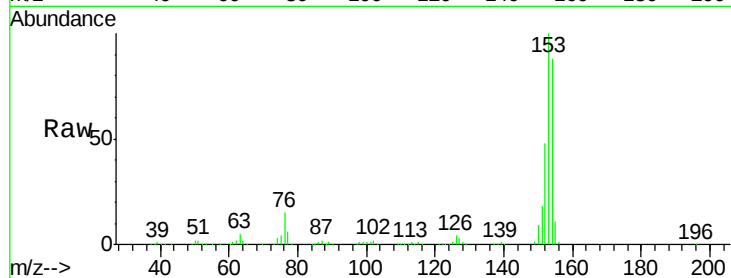
ClientSampleId :

PB89280BS

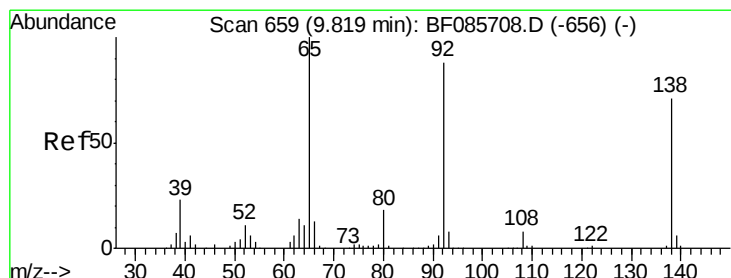
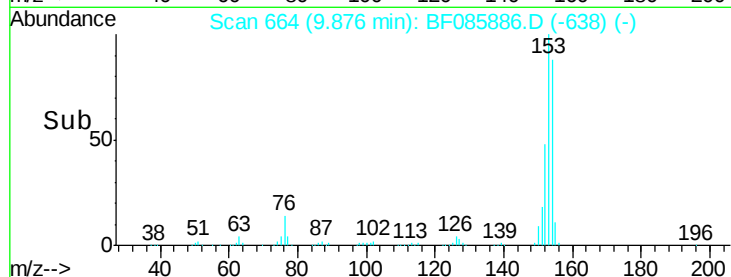
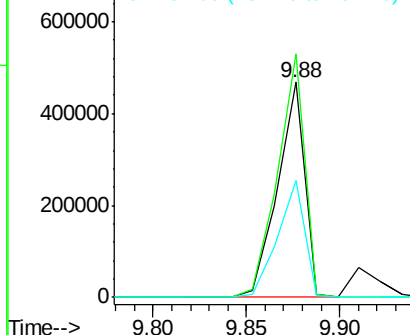
Tgt Ion:	154	Resp:	473337
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.1	135.1
152	54.3	44.2	66.2

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



#52

3-Nitroaniline

Concen: 5.24 ng

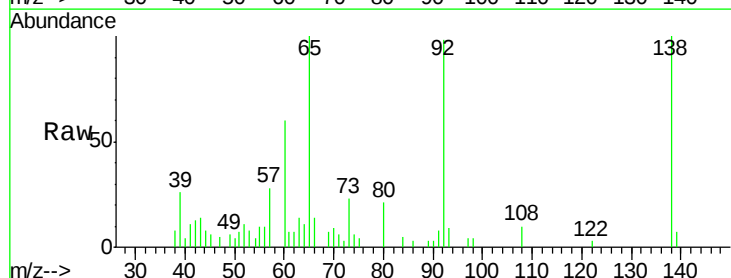
RT: 9.81 min Scan# 658

Delta R.T. 0.00 min

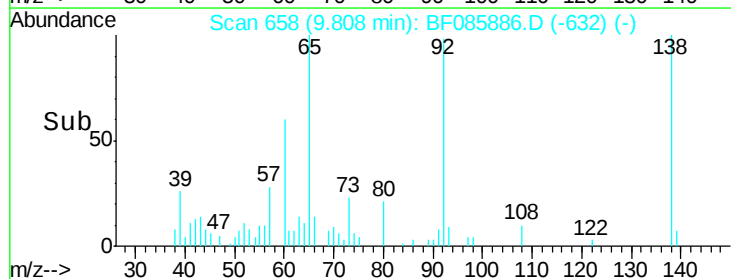
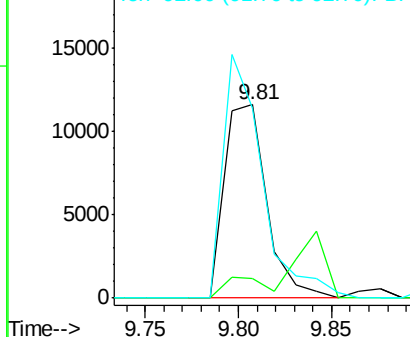
Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	138	Resp:	18336
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.7	13.1
92	98.5	93.3	139.9



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





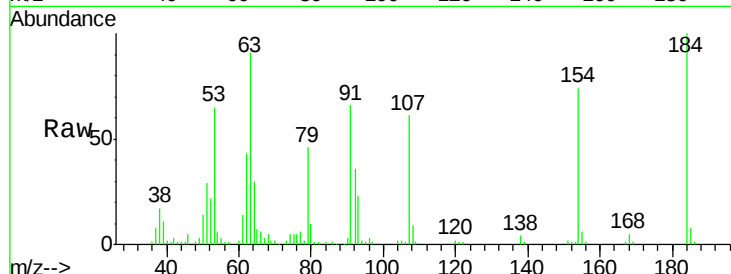
#53
2,4-Dinitrophenol
Concen: 73.51 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

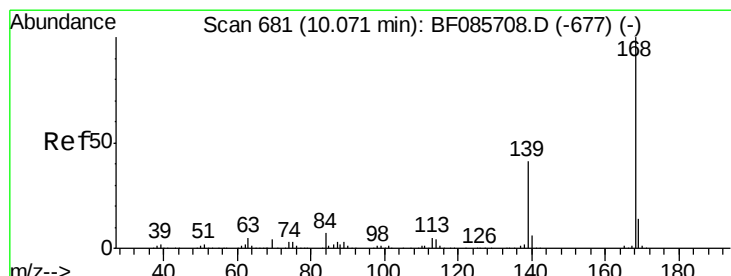
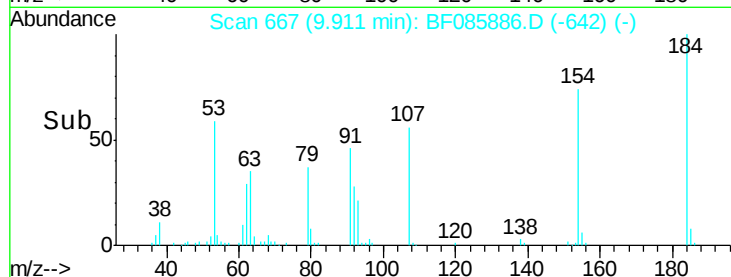
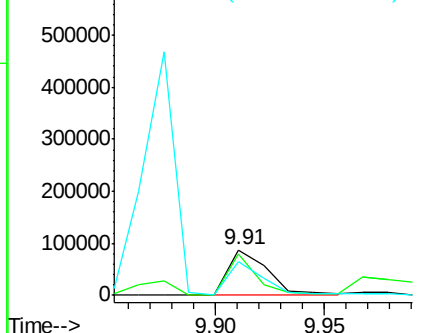
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	112748		
63	91.1	69.5	104.3	
154	73.8	58.3	87.5	

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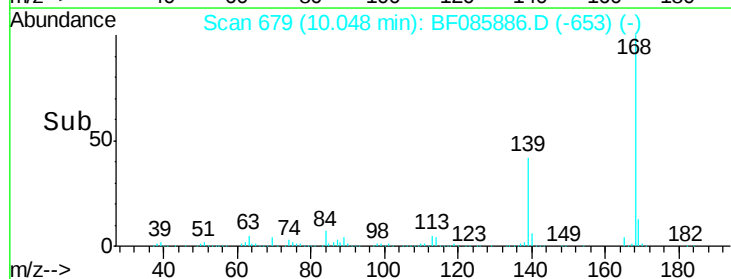
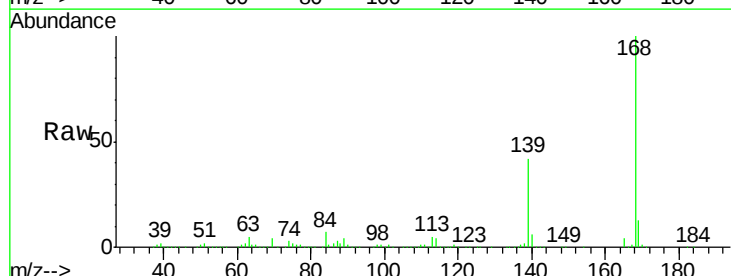
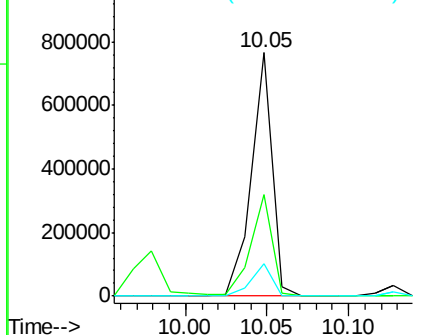
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

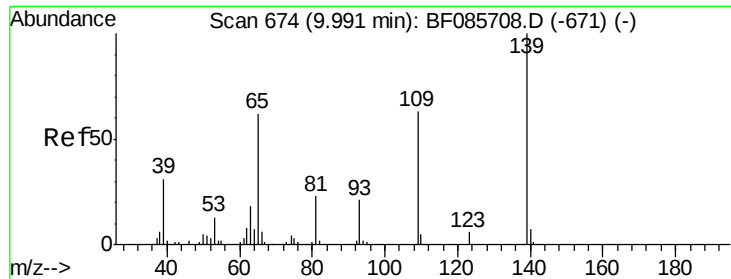


#54
Dibenzofuran
Concen: 45.43 ng
RT: 10.05 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	679982		
139	41.5	31.9	47.9	
169	13.3	11.0	16.6	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





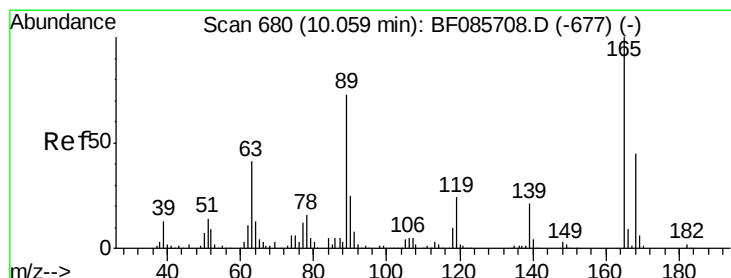
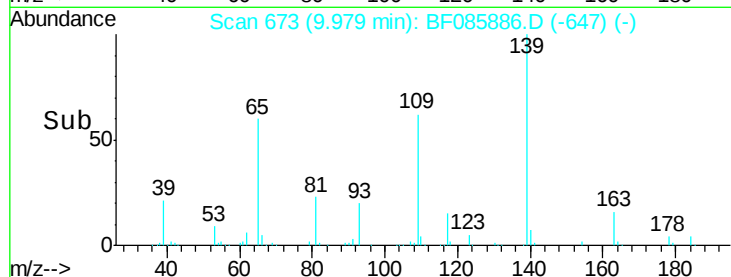
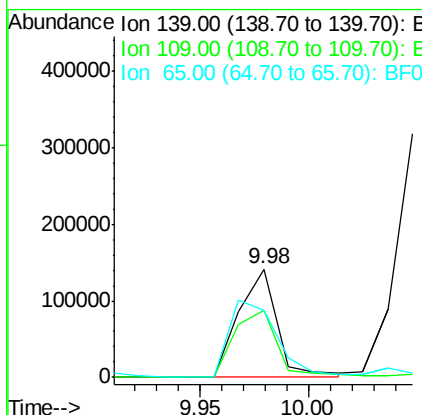
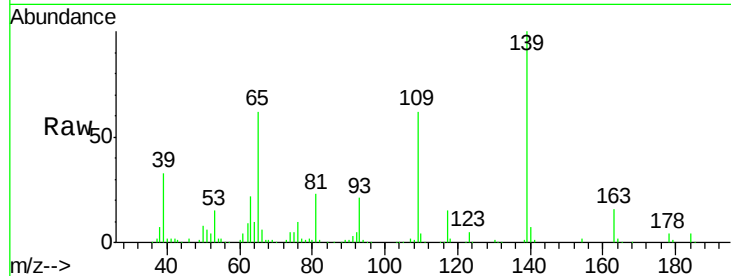
#55
4-Nitrophenol
Concen: 76.61 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	174693		
109	62.0	49.2	89.2	
65	61.9	66.9	106.9	

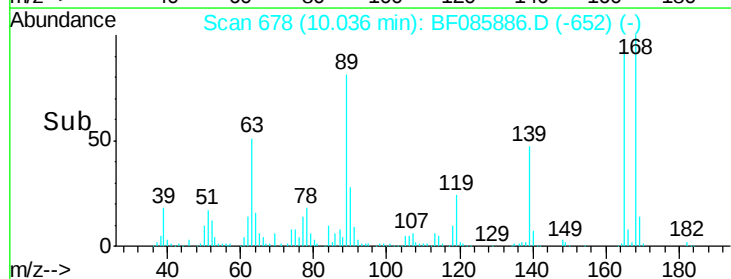
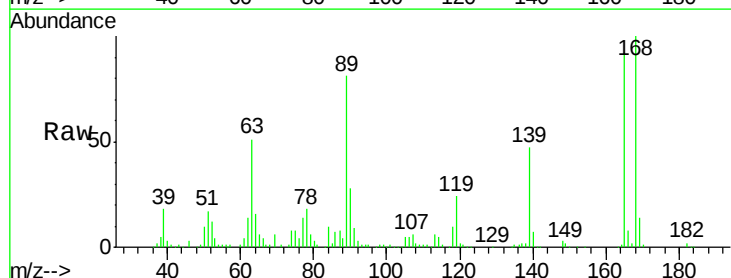
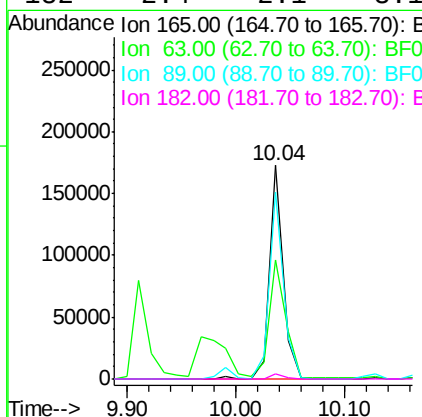
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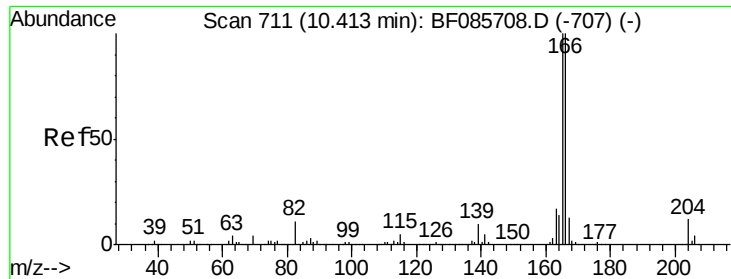
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#56
2,4-Dinitrotoluene
Concen: 39.11 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152016		
63	55.6	24.9	37.3	#
89	87.7	41.0	61.6	#
182	2.4	2.1	3.1	





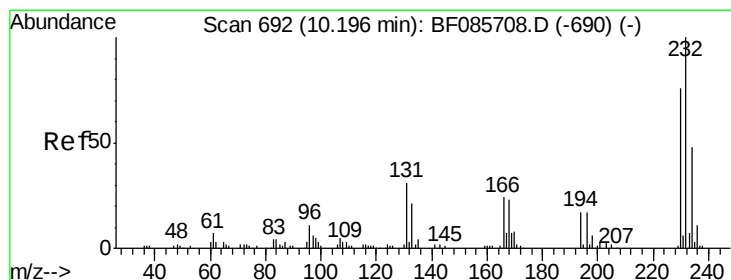
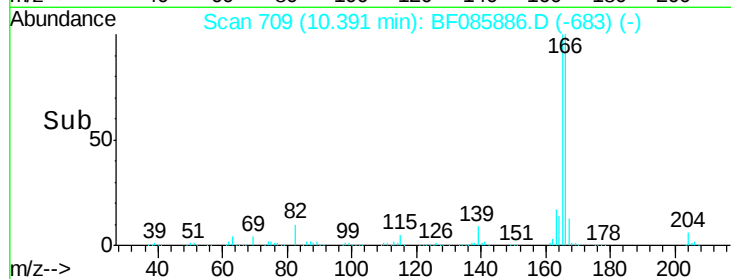
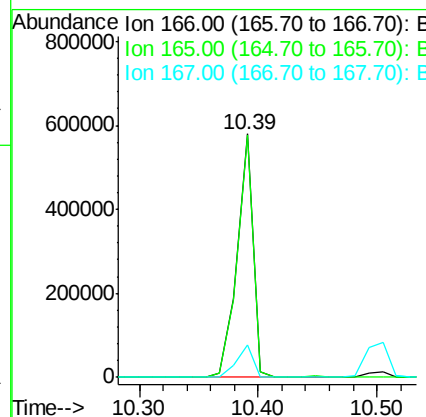
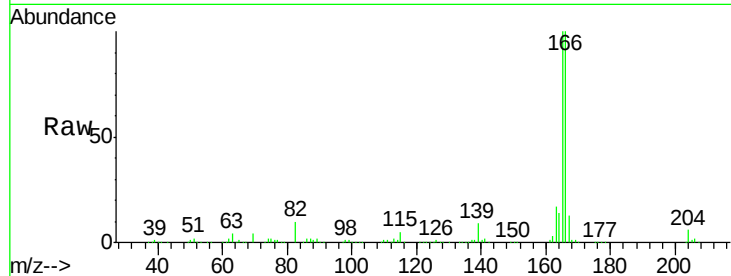
#57
 Fluorene
 Concen: 43.83 ng
 RT: 10.39 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	545340		
165	99.6	79.4	119.0	
167	13.3	11.0	16.4	

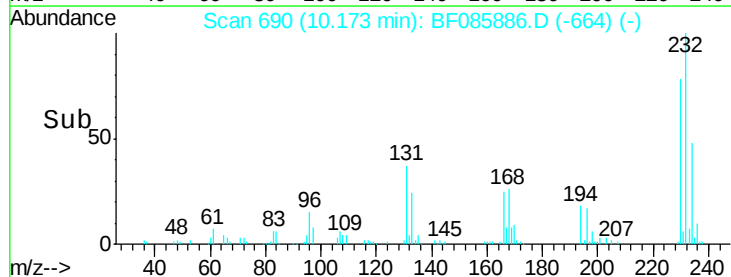
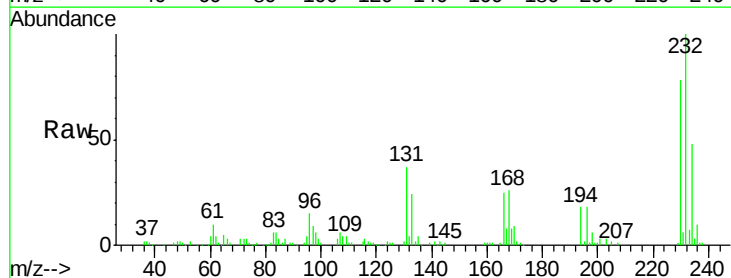
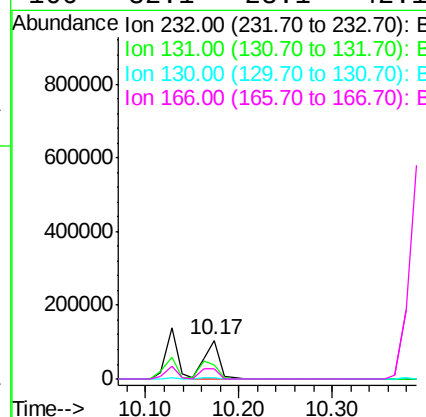
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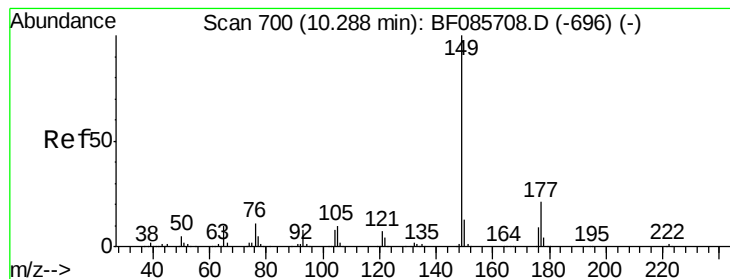
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.35 ng
 RT: 10.17 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	118484		
131	54.7	44.9	67.3	
130	2.8	2.3	3.5	
166	32.1	28.1	42.1	





#59

Diethylphthalate

Concen: 40.38 ng

RT: 10.26 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

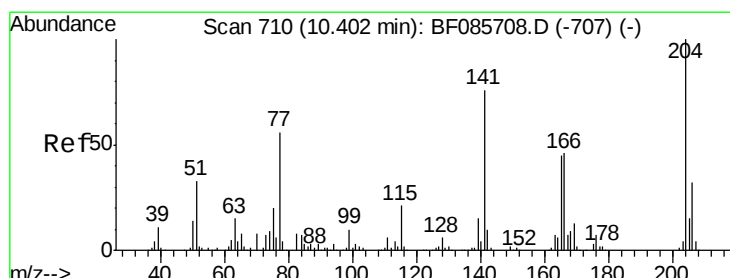
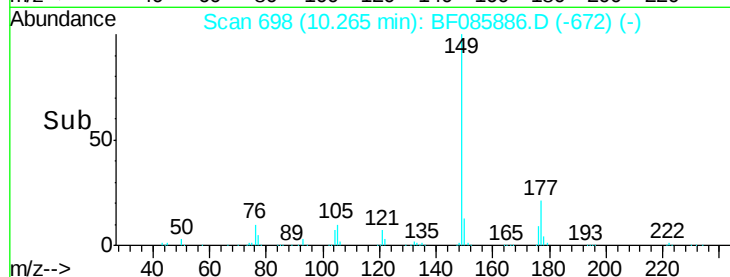
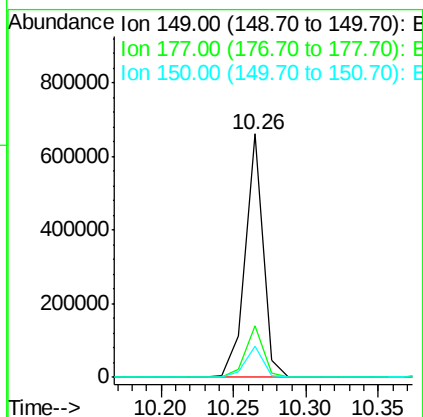
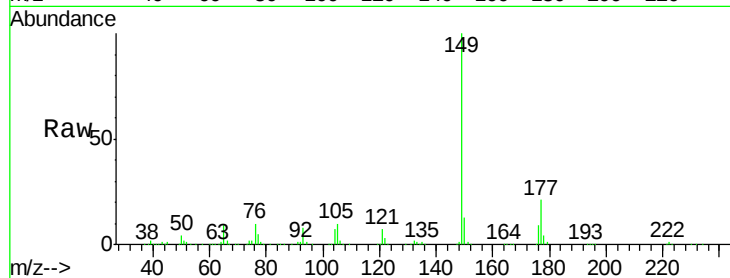
ClientSampleId :

PB89280BS

Tgt Ion:	149	Resp:	566687
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.9	26.9
150	12.6	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 38.90 ng

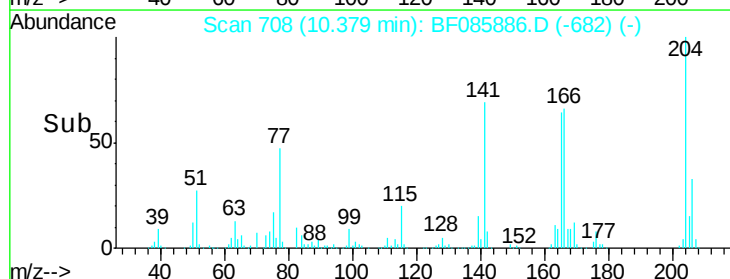
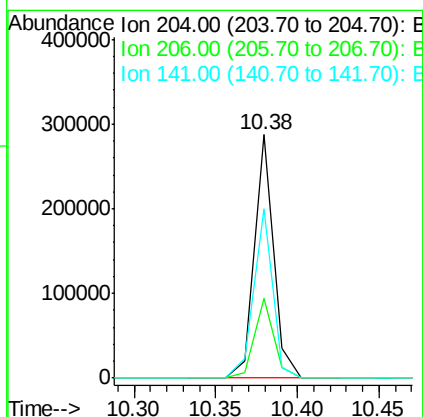
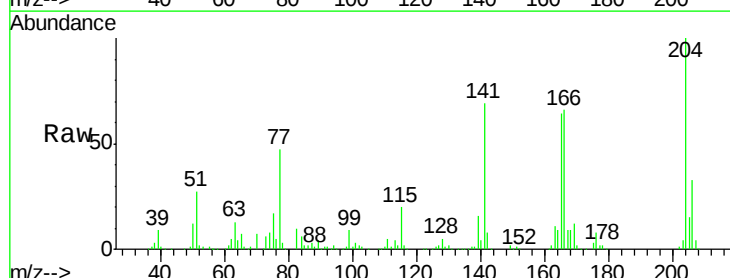
RT: 10.38 min Scan# 708

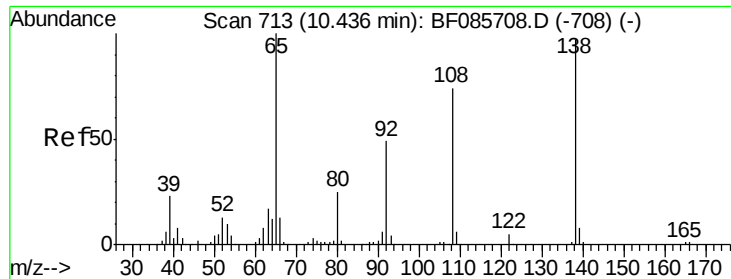
Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	204	Resp:	236620
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.6	39.8
141	69.4	57.4	86.0





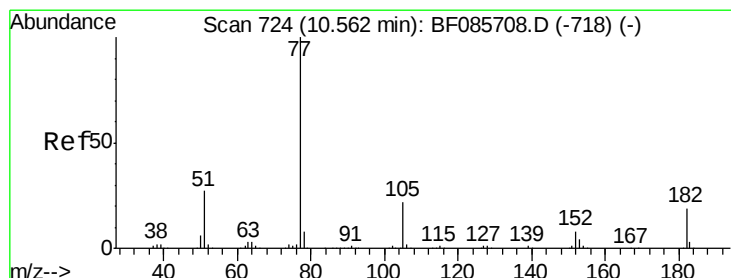
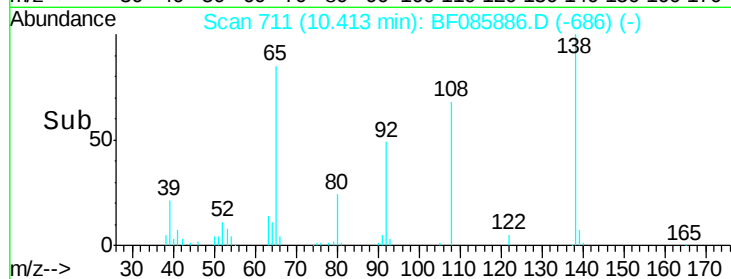
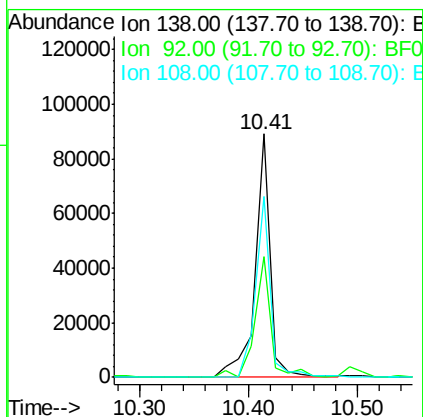
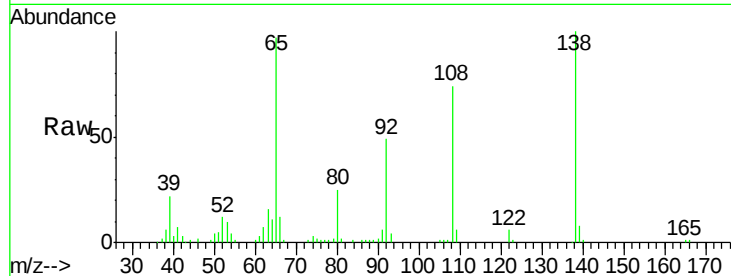
#61
4-Nitroaniline
Concen: 26.19 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	87666		
92	49.4	26.4	66.4	
108	74.4	49.0	89.0	

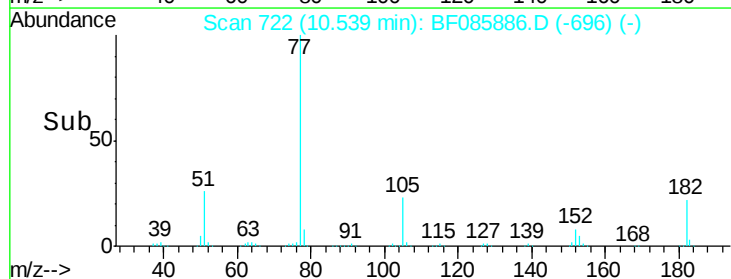
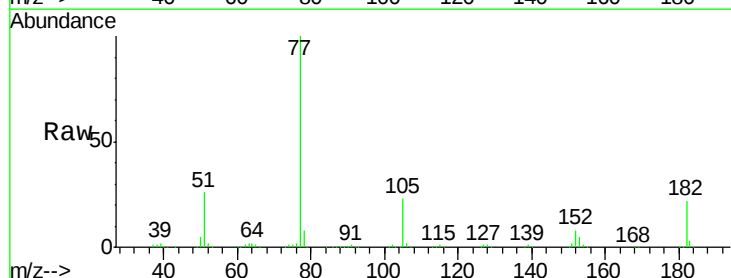
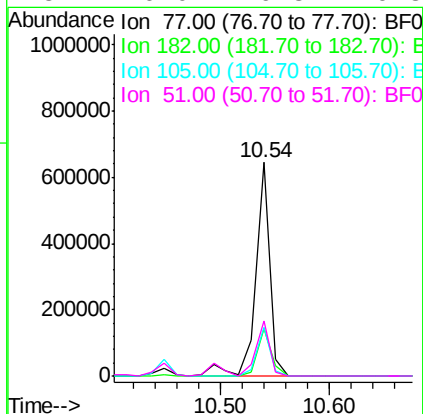
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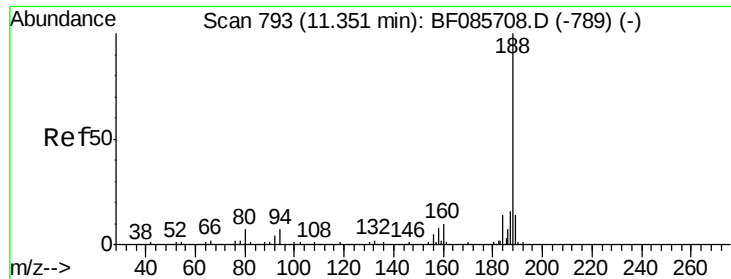
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#62
Azobenzene
Concen: 43.67 ng
RT: 10.54 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	589013		
182	22.0	1.9	41.9	
105	22.8	3.5	43.5	
51	26.0	6.3	46.3	





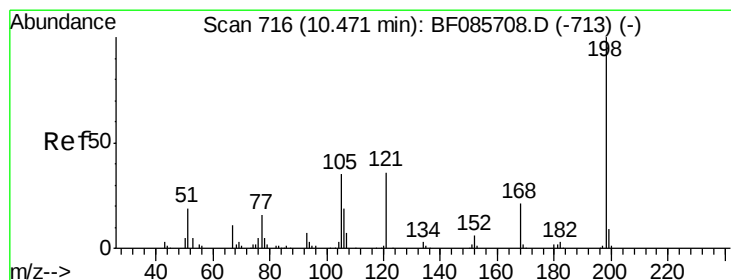
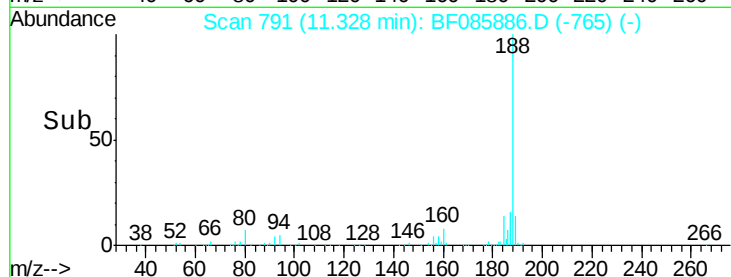
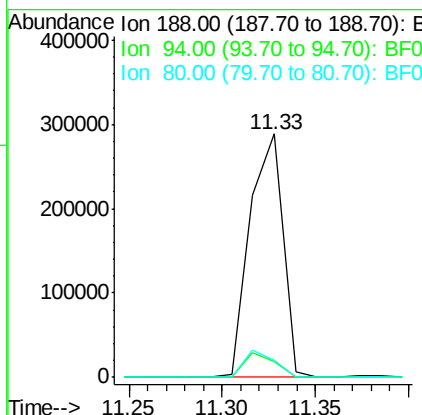
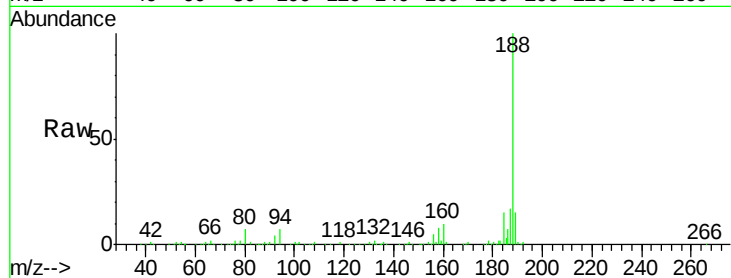
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.6	5.4	8.0
80	6.7	5.5	8.3

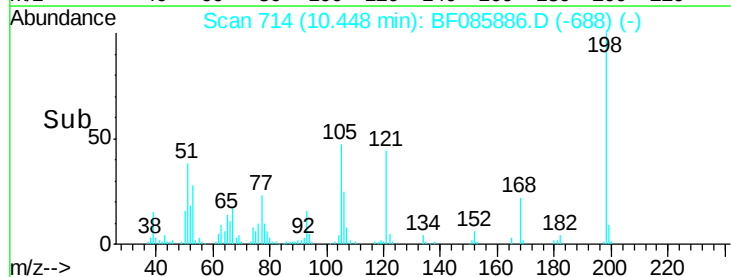
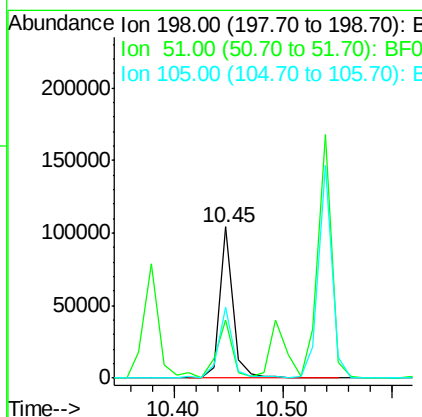
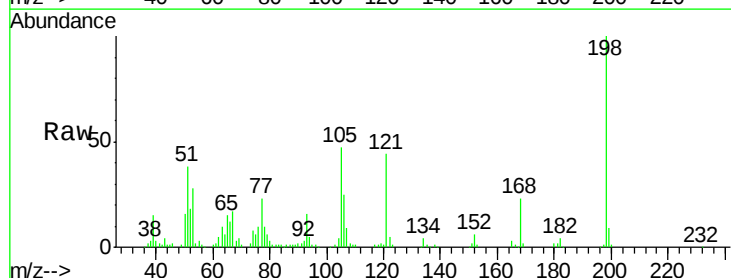
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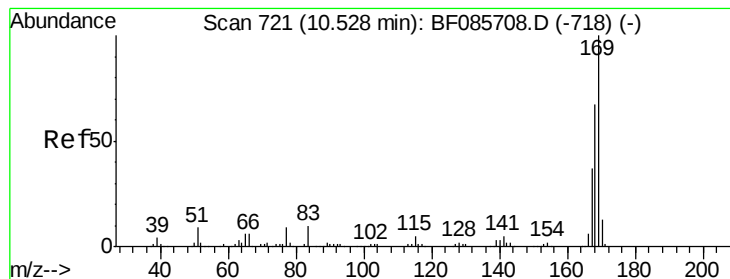
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.15 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.1	45.4	85.4#
105	46.5	45.9	85.9





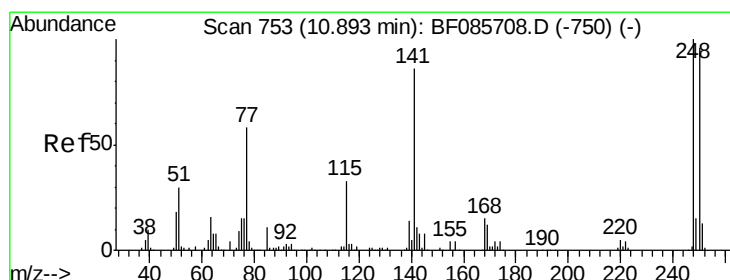
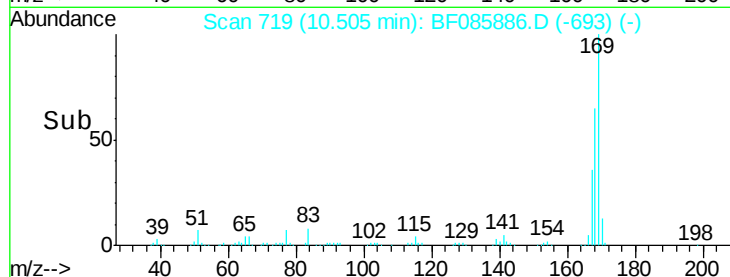
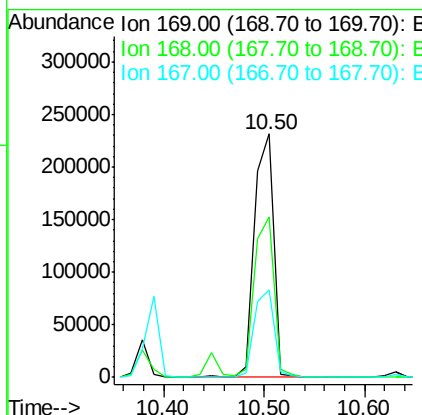
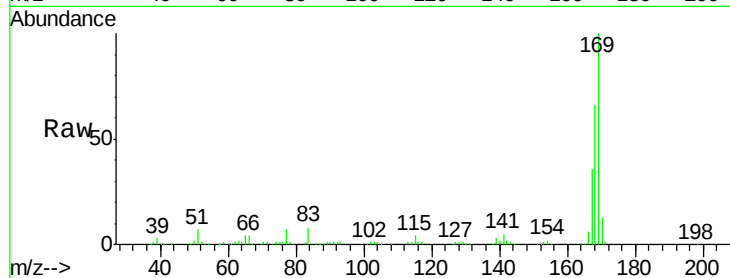
#65
n-Nitrosodiphenylamine
Concen: 27.28 ng
RT: 10.50 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	65.7	54.4	81.6
167	36.1	29.4	44.0

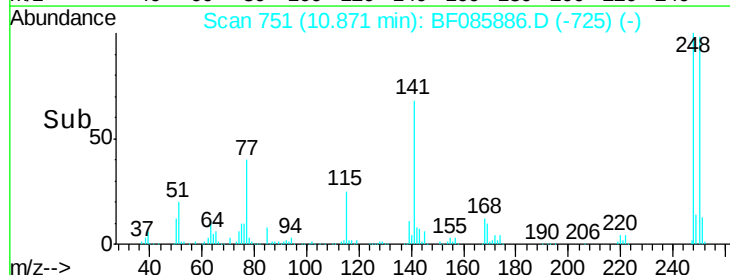
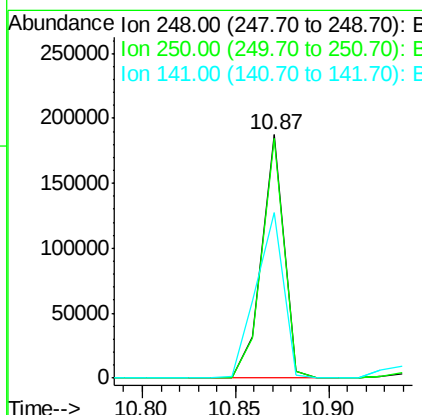
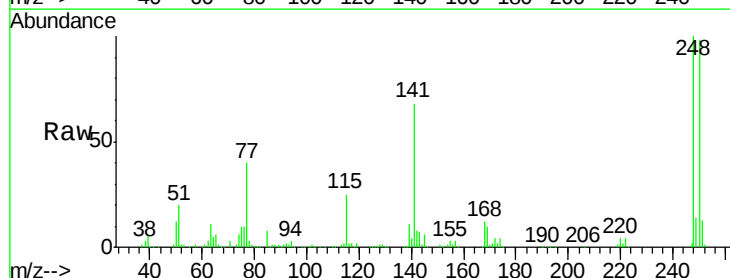
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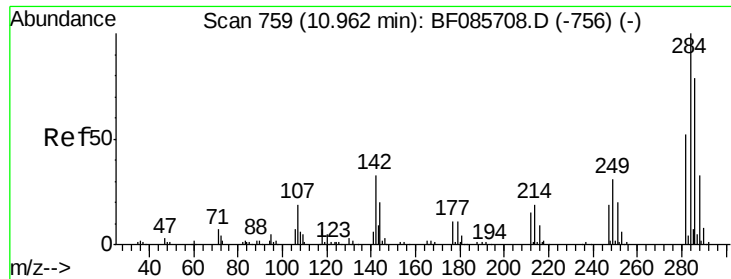
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#66
4-Bromophenyl-phenylether
Concen: 42.71 ng
RT: 10.87 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.5	77.4	116.0
141	68.0	63.6	95.4





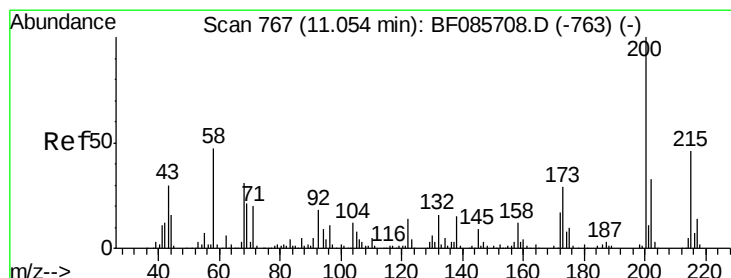
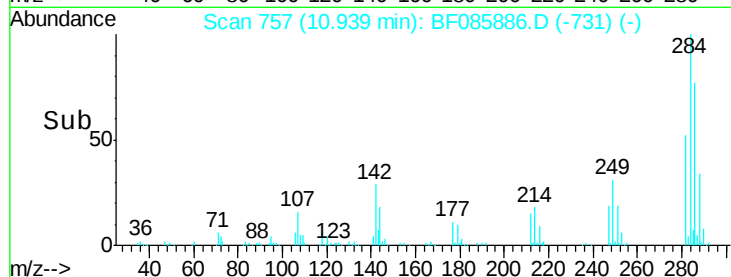
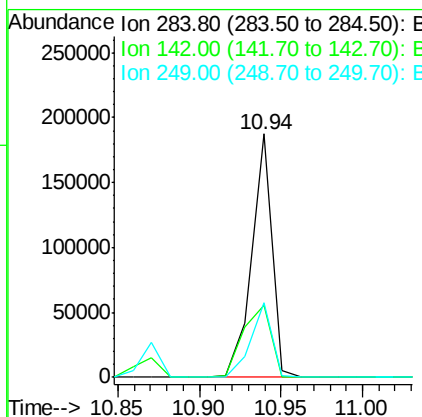
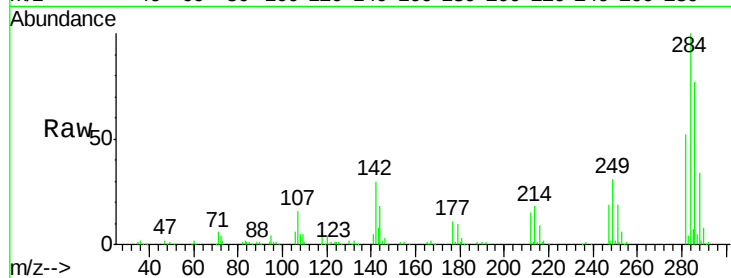
#67
Hexachlorobenzene
Concen: 42.82 ng
RT: 10.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampled :
PB89280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	29.8	23.1	34.7
249	30.9	24.2	36.2

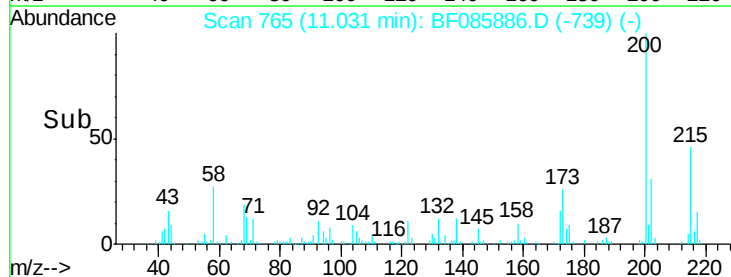
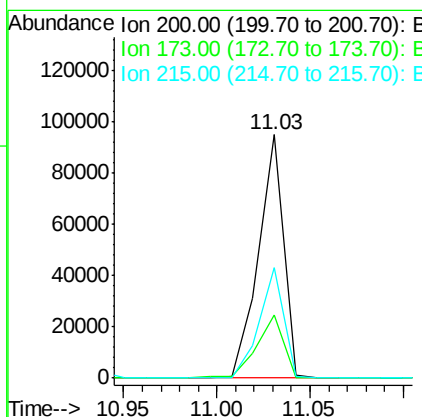
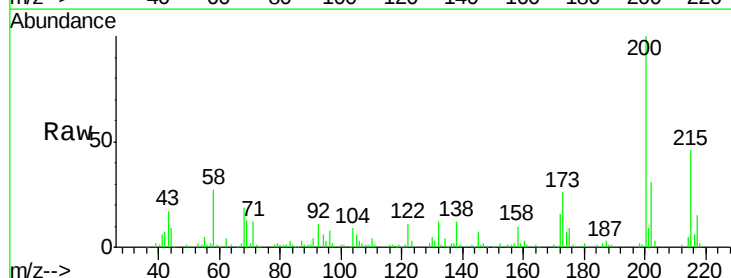
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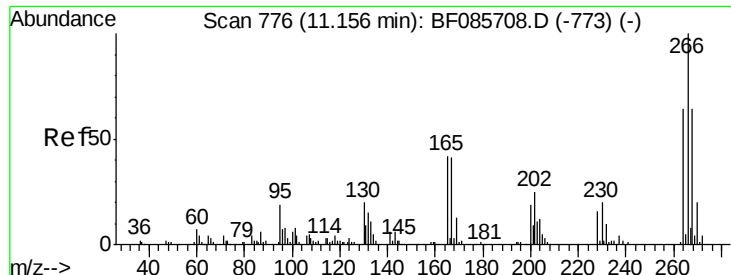
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#68
Atrazine
Concen: 23.16 ng
RT: 11.03 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	7.7	47.7
215	45.6	25.4	65.4





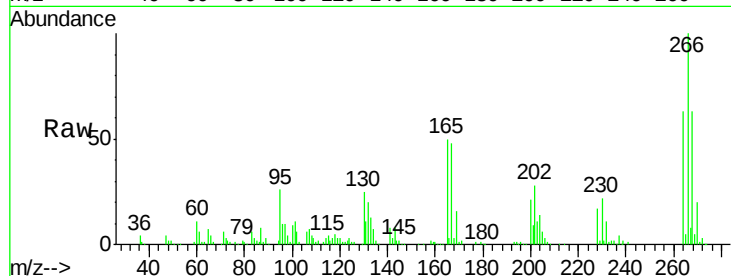
#69
 Pentachlorophenol
 Concen: 82.40 ng
 RT: 11.13 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

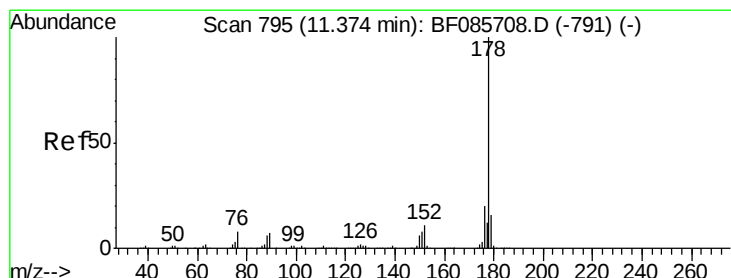
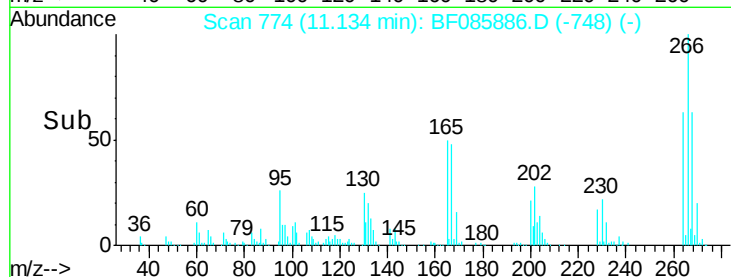
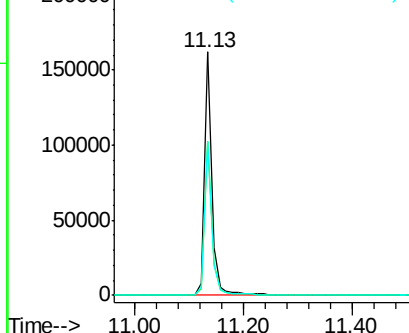
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	153183		
268	63.3	51.5	77.3	
264	63.4	50.6	76.0	

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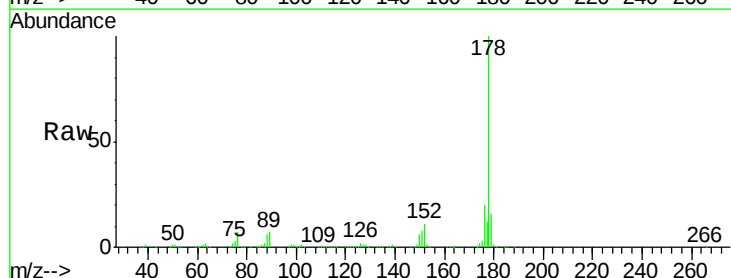


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

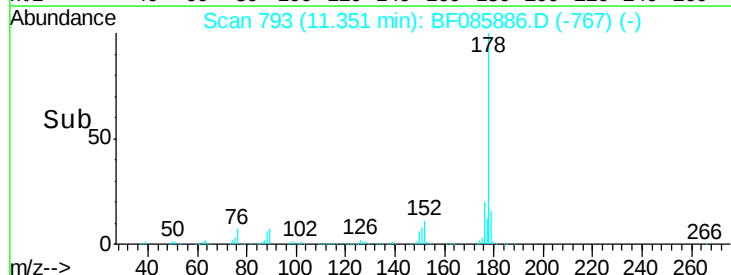
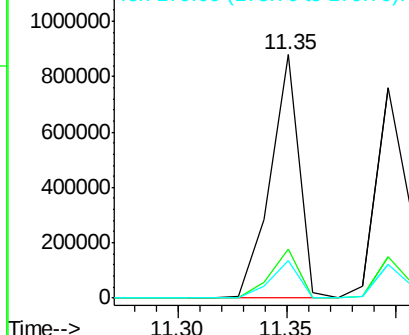


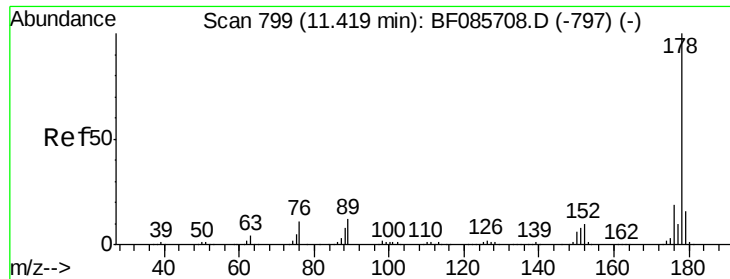
#70
 Phenanthrene
 Concen: 44.80 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	814062		
176	20.1	16.3	24.5	
179	15.6	12.6	18.8	



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





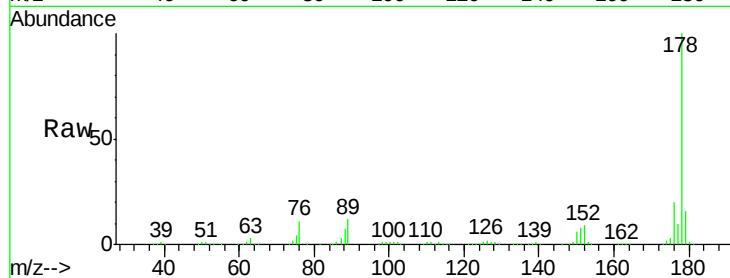
#71
 Anthracene
 Concen: 39.65 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

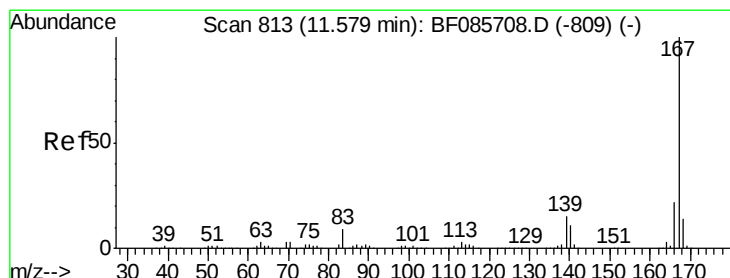
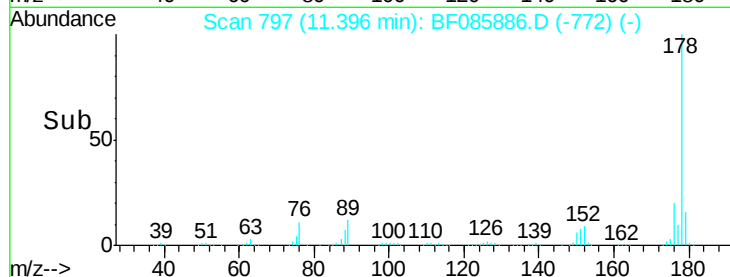
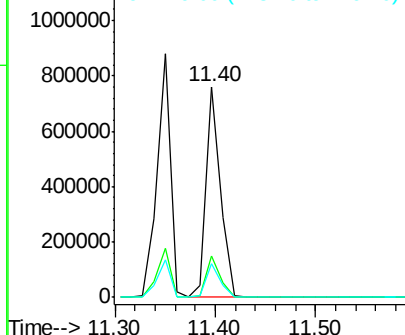
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	756349		
176	19.7		15.9	23.9
179	16.0		13.0	19.4

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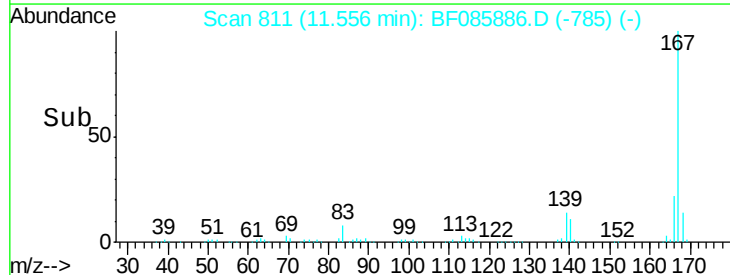
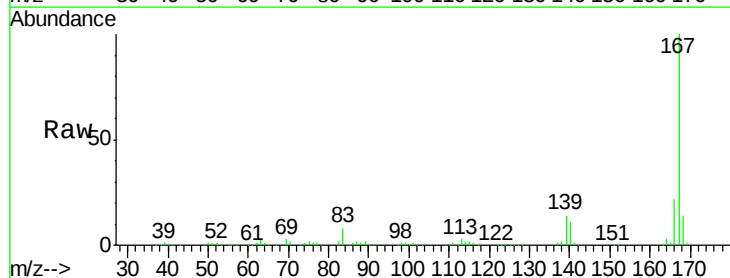
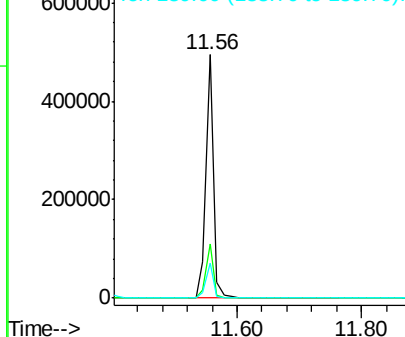
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

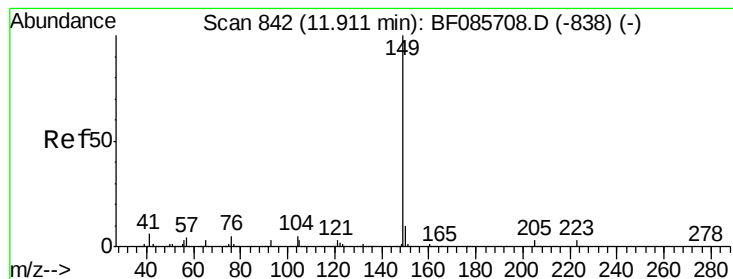


#72
 Carbazole
 Concen: 26.48 ng
 RT: 11.56 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	424081		
166	22.1		17.8	26.8
139	14.2		11.6	17.4

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





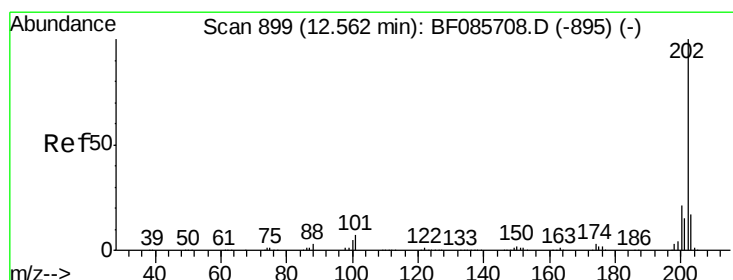
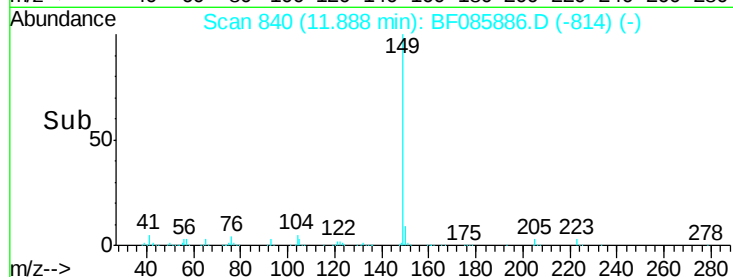
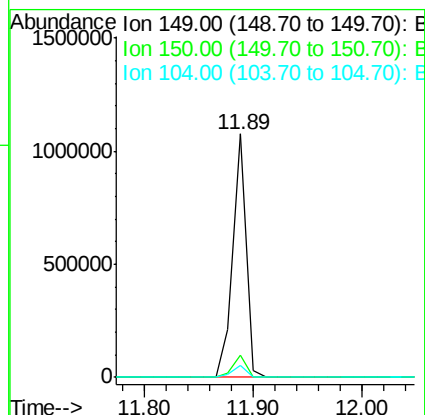
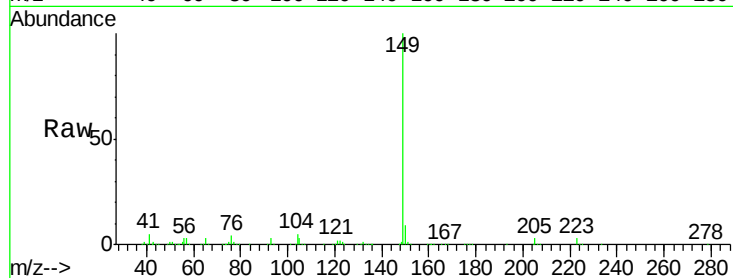
#73
Di-n-butylphthalate
Concen: 41.25 ng
RT: 11.89 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion:	149	Resp:	906710
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	4.8	3.8	5.8

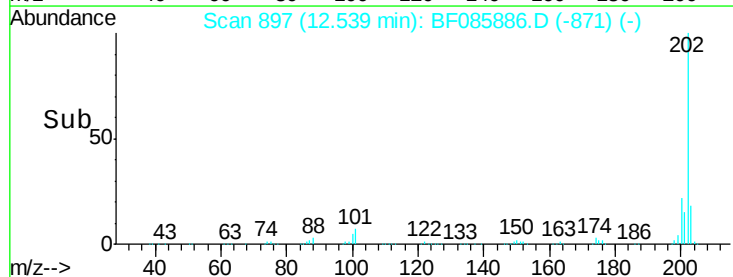
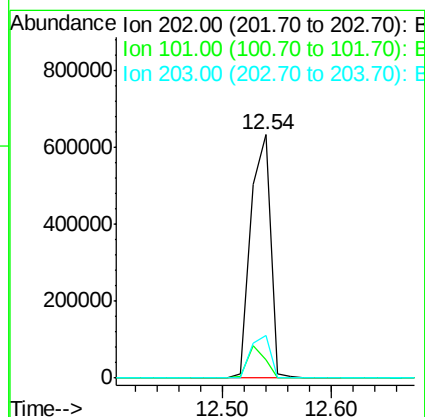
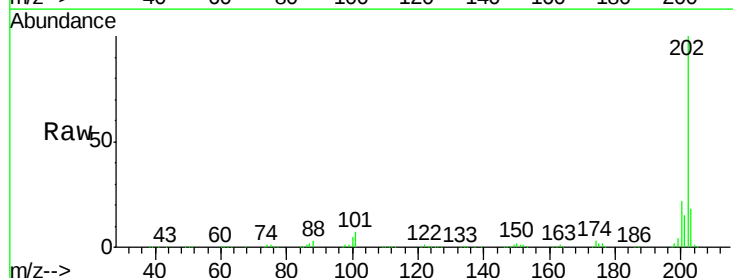
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#74
Fluoranthene
Concen: 41.45 ng
RT: 12.54 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion:	202	Resp:	800709
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	36.6
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

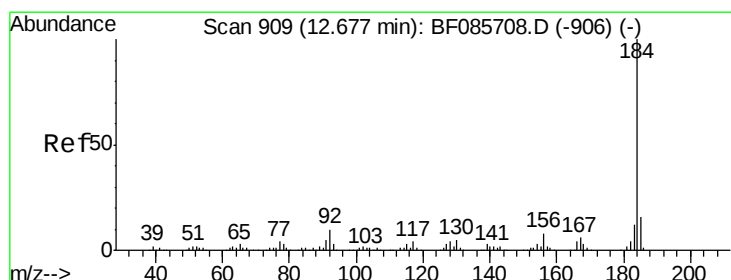
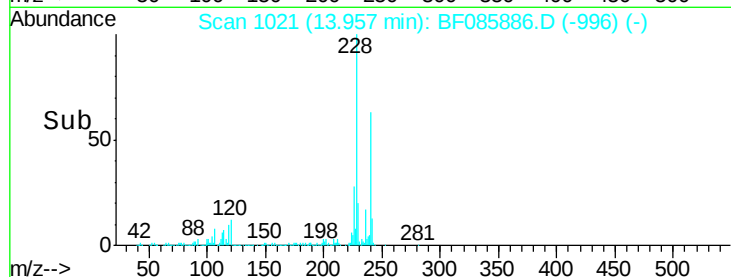
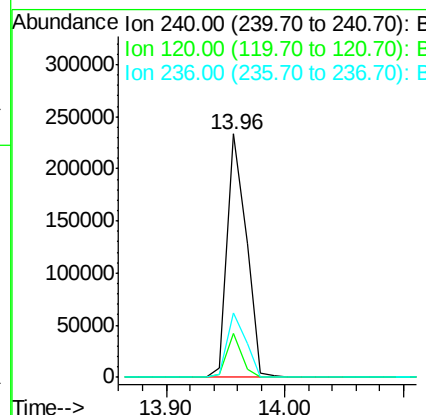
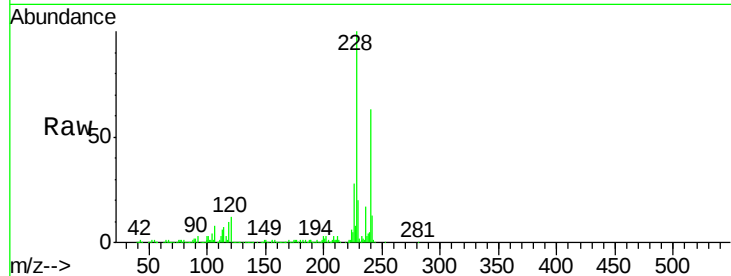
ClientSampleId :

PB89280BS

Tgt Ion:	240	Resp:	258634
Ion Ratio	Lower	Upper	
240	100		
120	18.2	13.8	20.8
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 2.68 ng

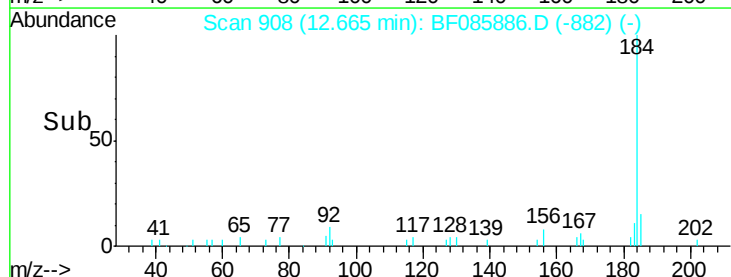
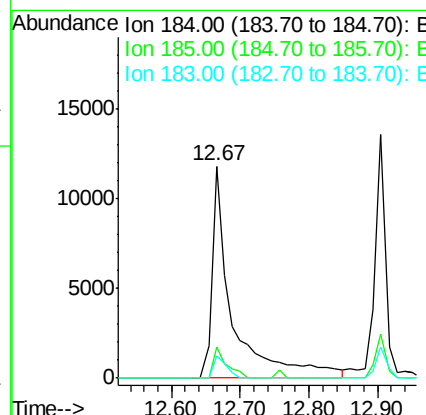
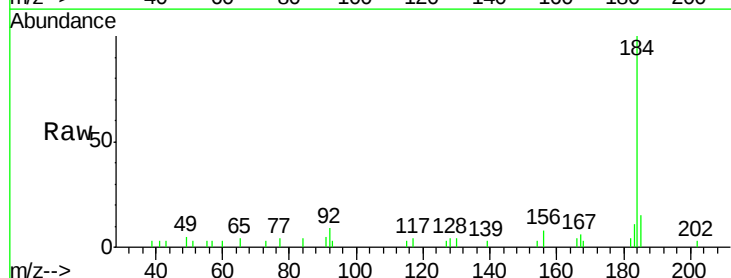
RT: 12.67 min Scan# 908

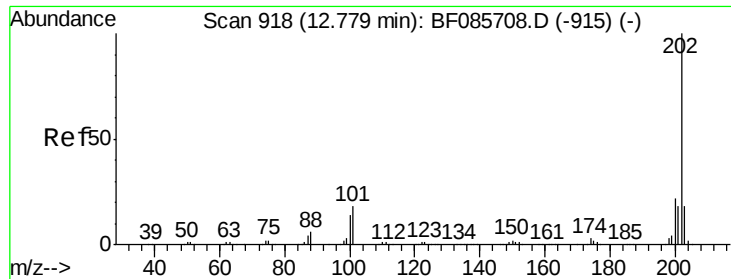
Delta R.T. 0.00 min

Lab File: BF085886.D

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Tgt Ion:	184	Resp:	24448
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	10.7	9.4	14.2





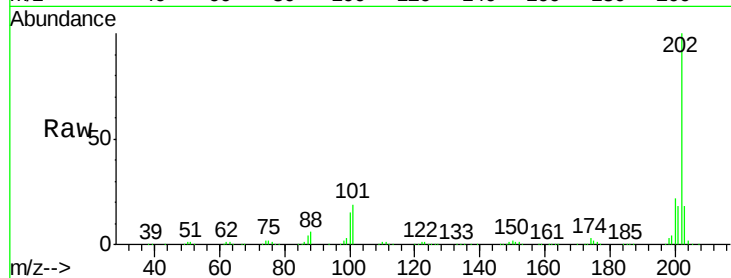
#77
 Pyrene
 Concen: 37.38 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

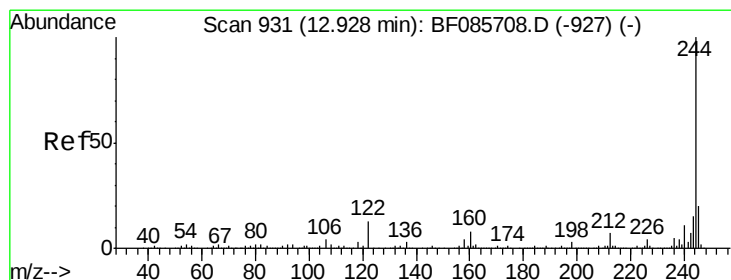
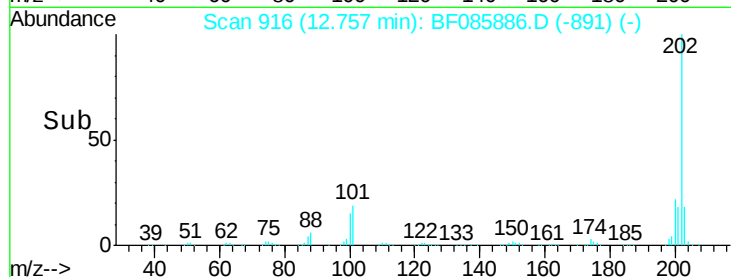
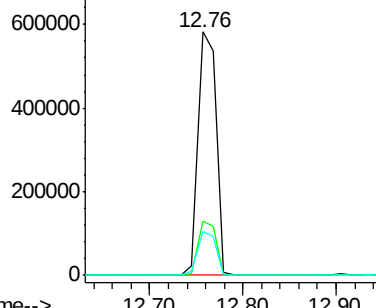
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	17.6	26.4
203	18.2	14.0	21.0

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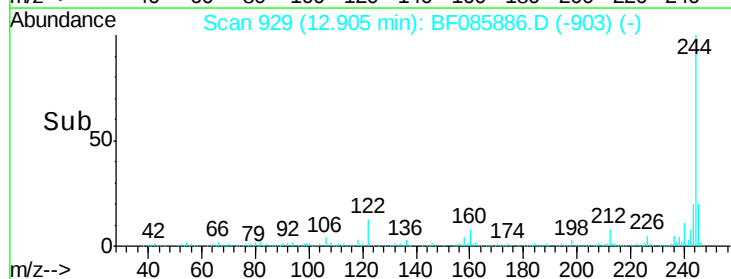
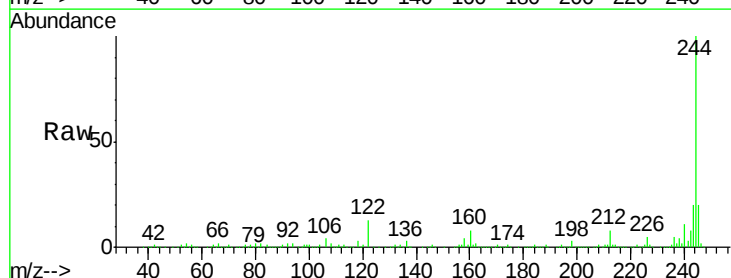
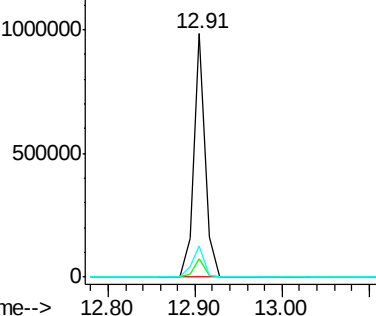
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

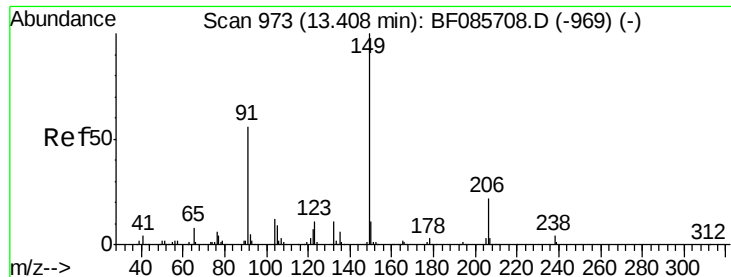


#78
 Terphenyl-d14
 Concen: 71.58 ng
 RT: 12.91 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	6.1	9.1
122	12.9	10.2	15.4

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





#79

Butylbenzylphthalate

Concen: 41.56 ng

RT: 13.39 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Instrument :

BNA_F

ClientSampleId :

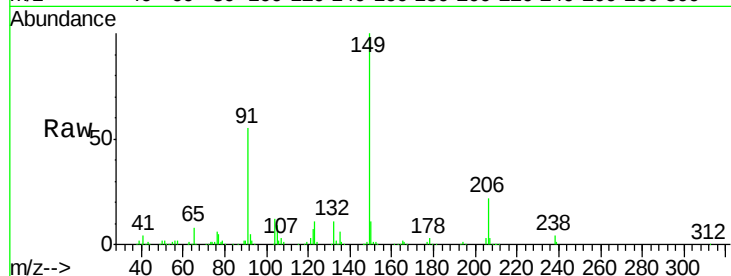
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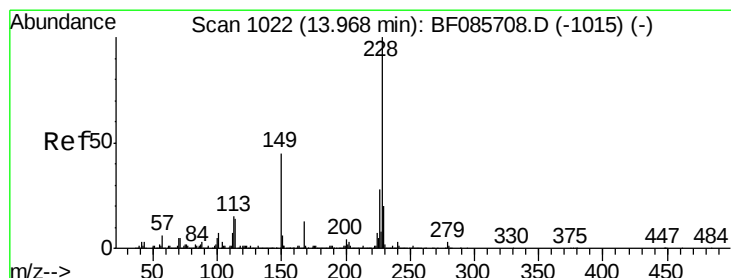
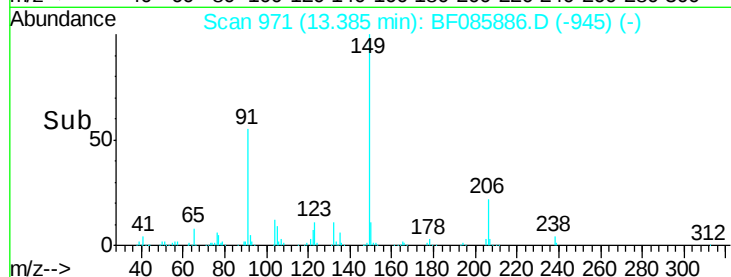
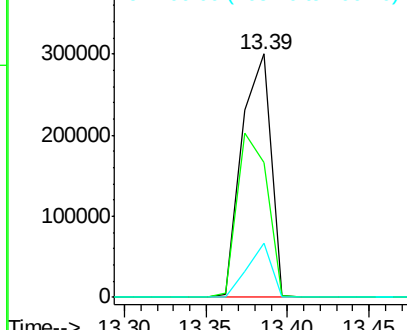
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Tgt Ion:	149	Resp:	370023
Ion Ratio	Lower	Upper	
149	100		
91	55.4	45.8	68.8
206	22.1	17.8	26.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.21 ng

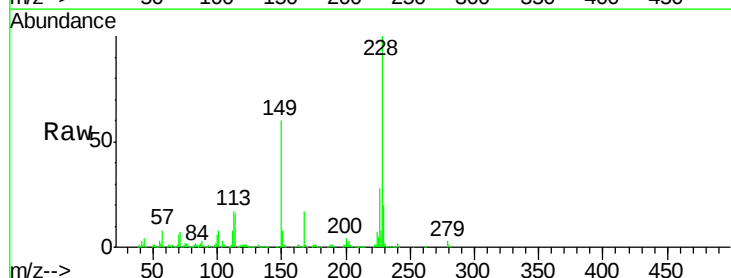
RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

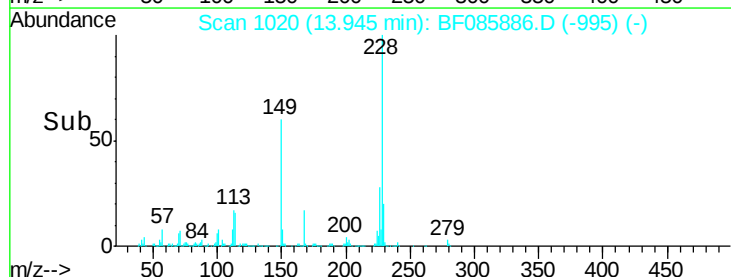
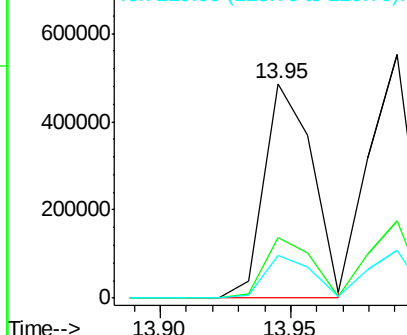
Lab File: BF085886.D

Acq: 30 Mar 2016 15:11

Tgt Ion:	228	Resp:	622547
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.1	33.1
229	19.9	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





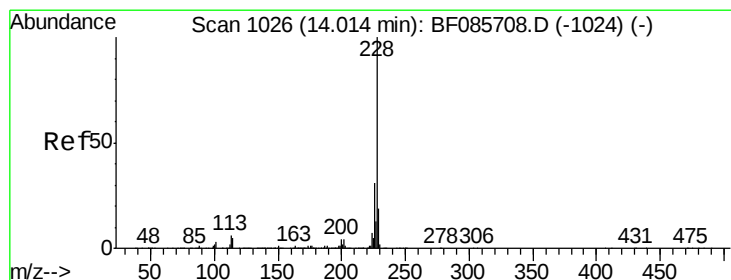
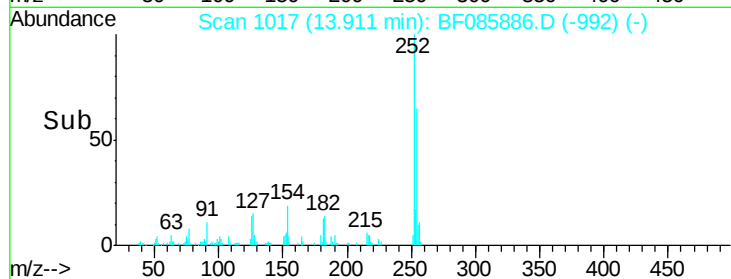
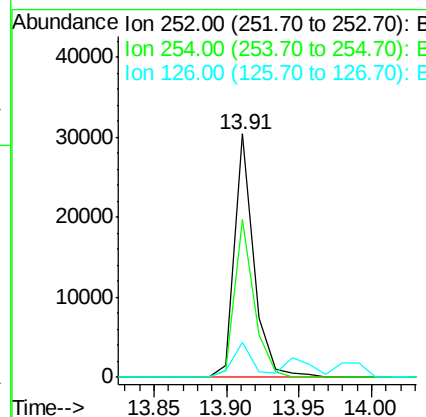
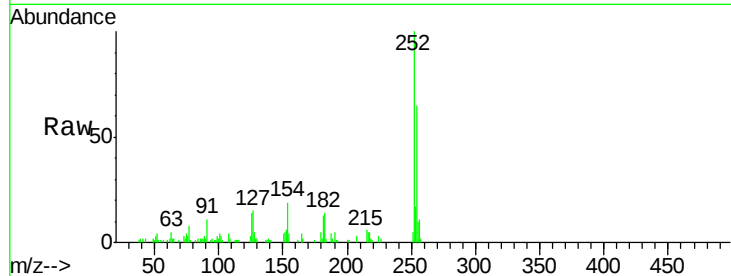
#81
 3,3'-Dichlorobenzidine
 Concen: 2.75 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion:	252	Resp:	28183
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.7	76.1
126	14.2	11.8	17.6

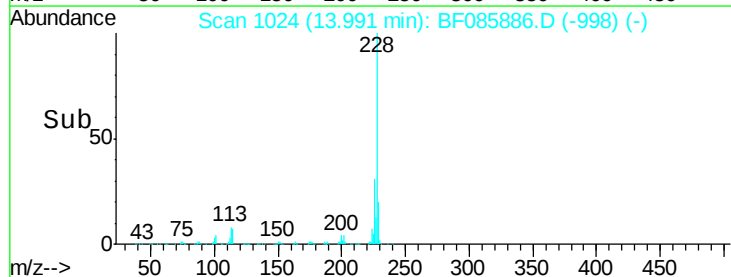
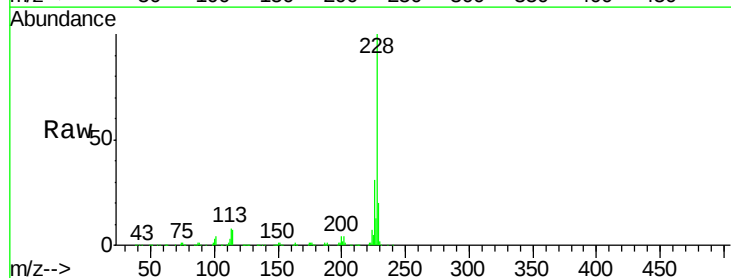
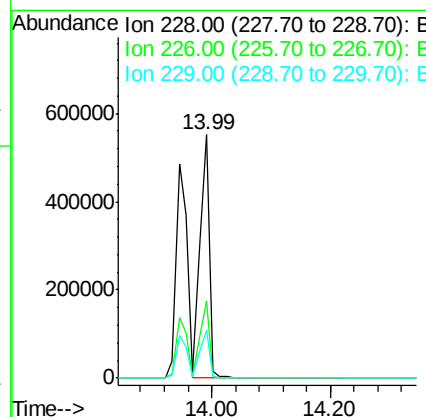
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#82
 Chrysene
 Concen: 41.60 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion:	228	Resp:	617989
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	19.6	15.7	23.5





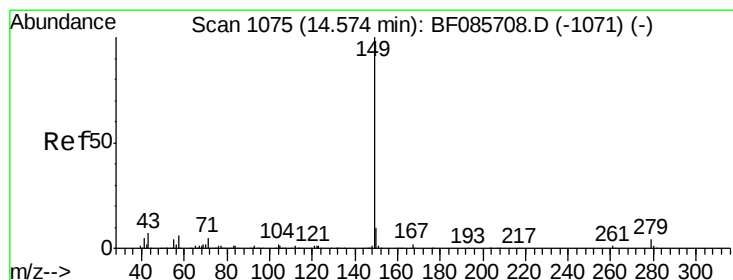
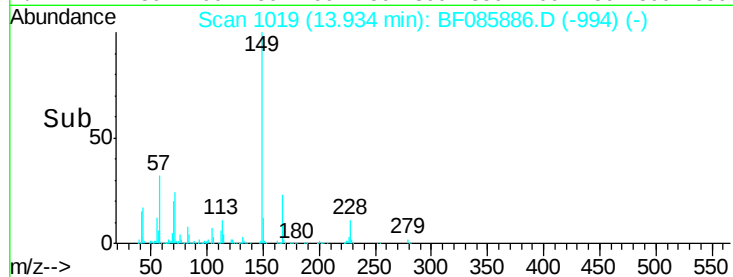
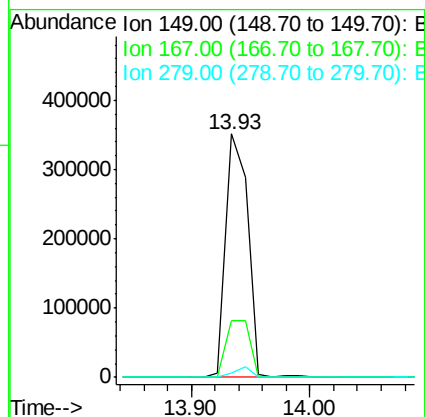
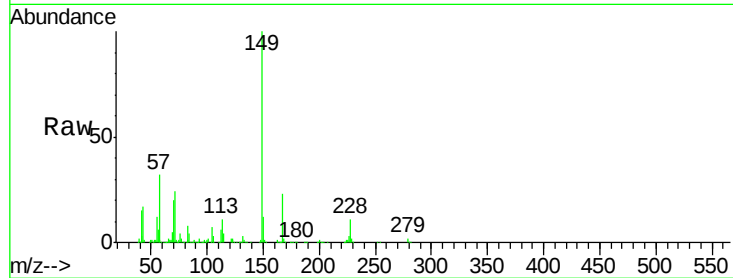
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.31 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	23.5	19.4	29.2
279	1.7	1.5	2.3

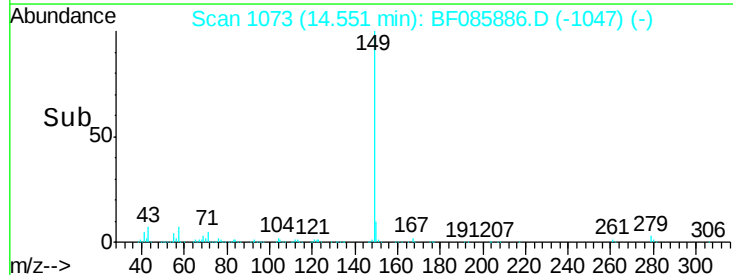
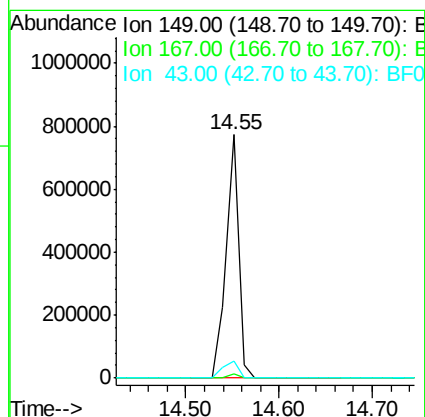
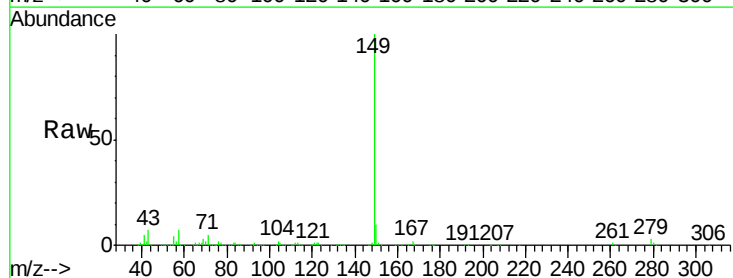
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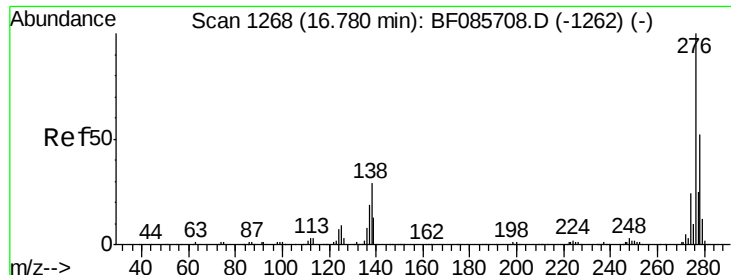
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#84
 Di-n-octyl phthalate
 Concen: 45.46 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.6	7.1	10.7





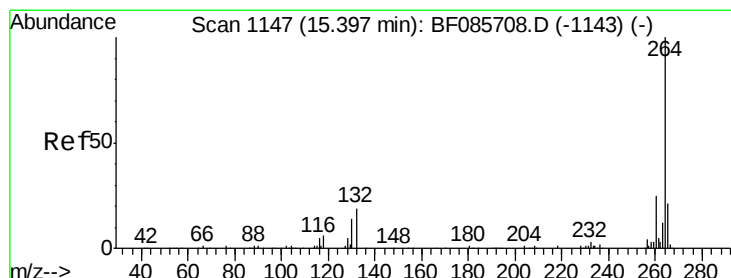
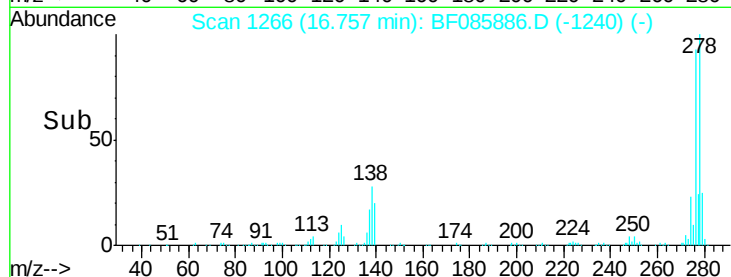
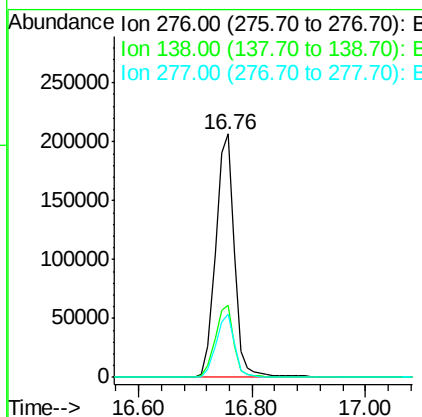
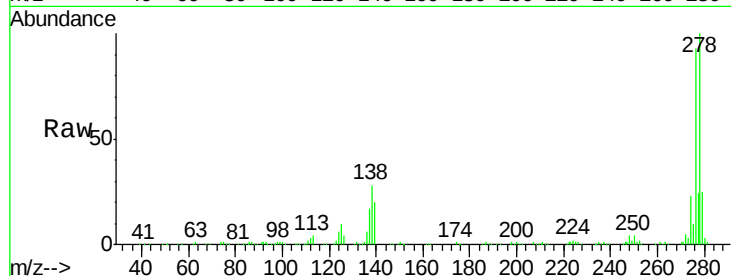
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.11 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	471602		
138	29.5	24.2	36.4	
277	25.6	20.0	30.0	

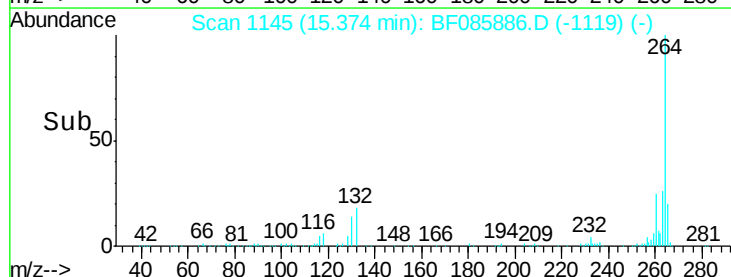
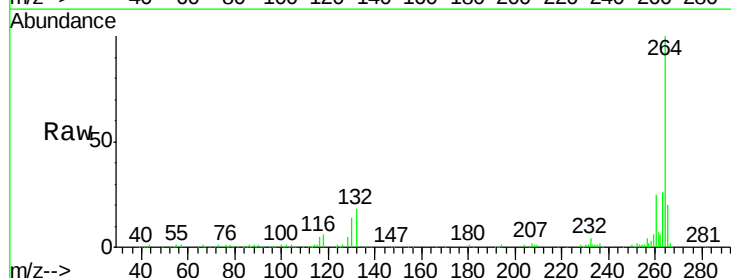
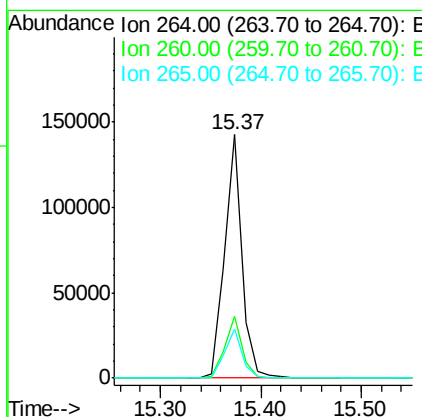
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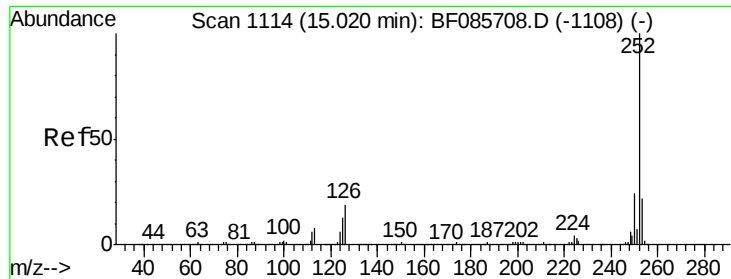
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	171071		
260	25.2	19.4	29.2	
265	20.1	17.2	25.8	





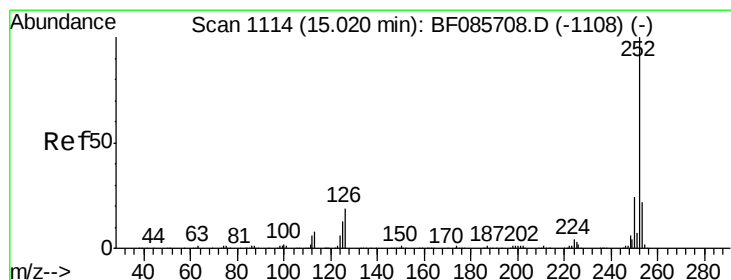
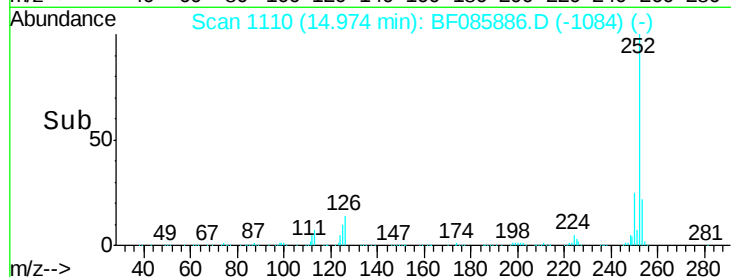
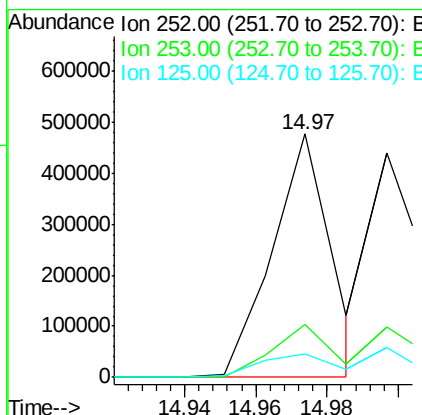
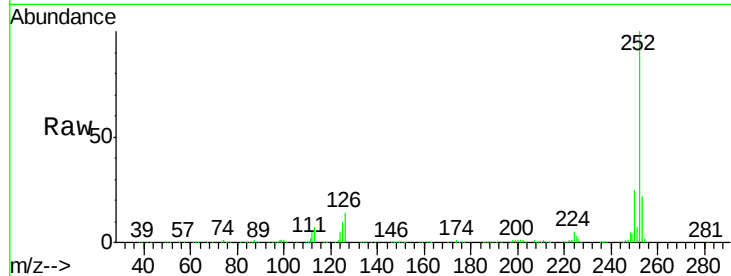
#87
Benzo(b)fluoranthene
Concen: 51.11 ng m
RT: 14.97 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.8	10.3	15.5#

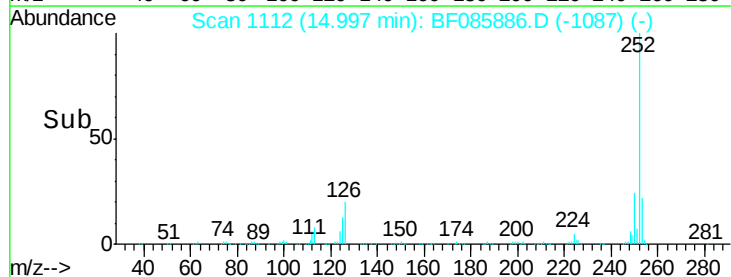
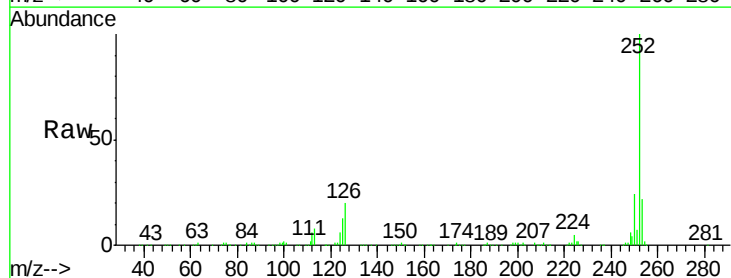
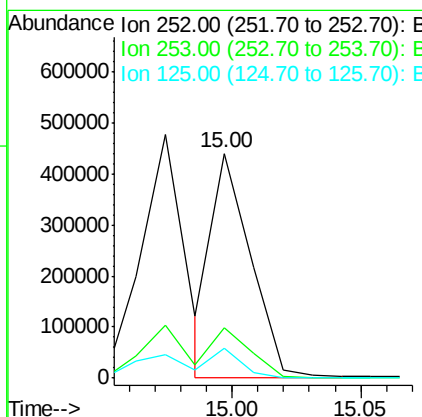
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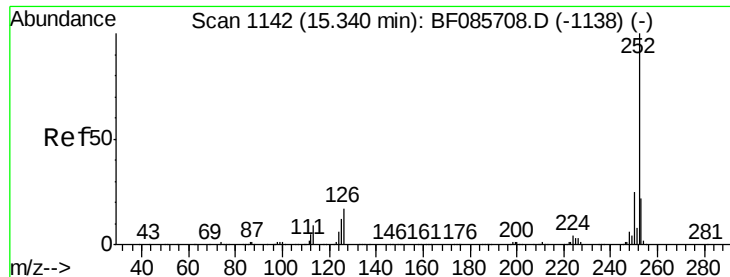
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#88
Benzo(k)fluoranthene
Concen: 48.09 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.3	7.7	11.5#





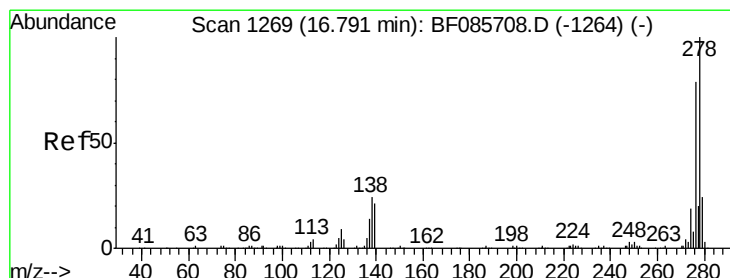
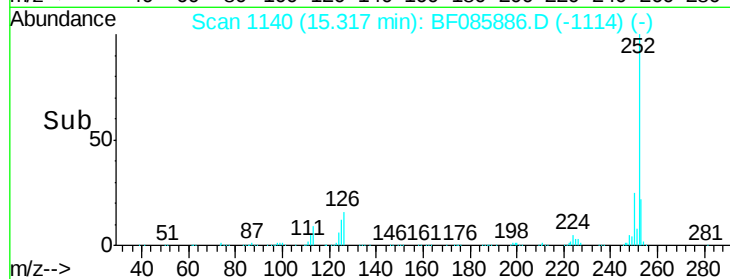
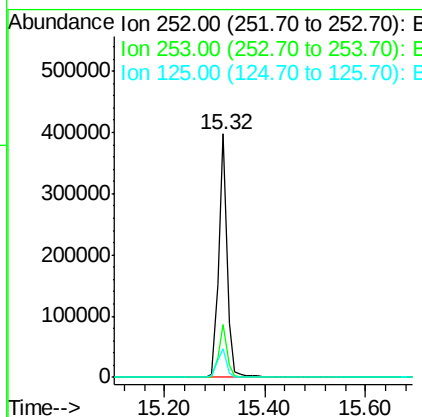
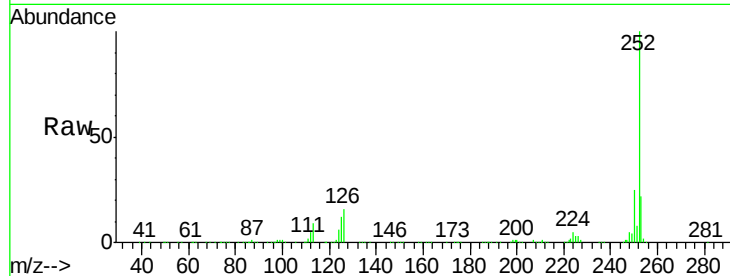
#89
Benzo(a)pyrene
Concen: 48.38 ng
RT: 15.32 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.6	10.3	15.5

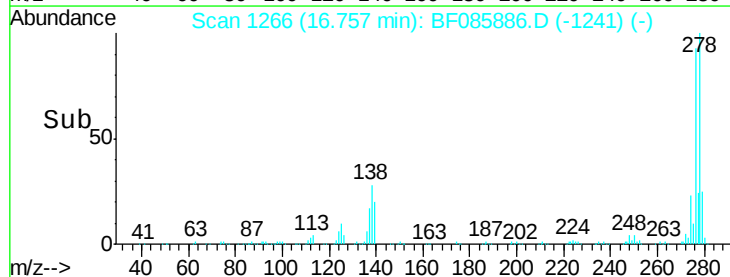
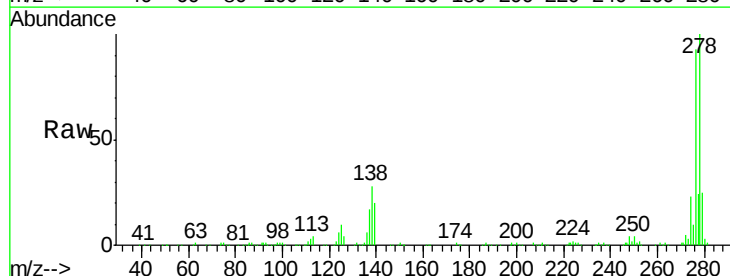
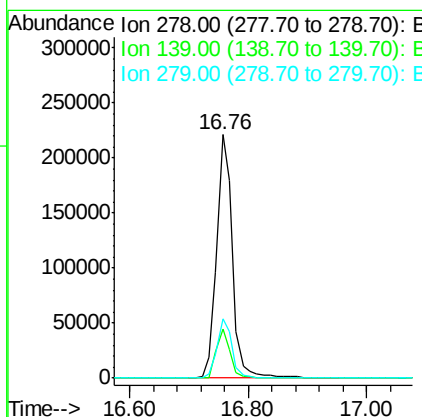
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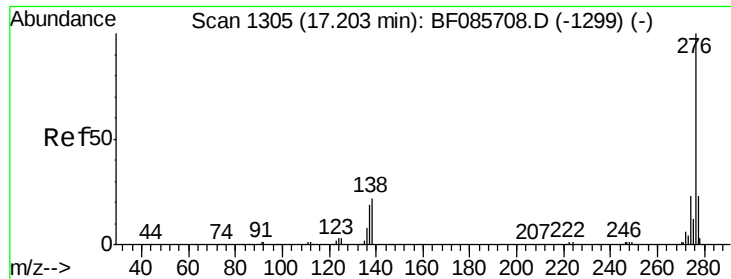
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#90
Dibenzo(a,h)anthracene
Concen: 45.79 ng
RT: 16.76 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF085886.D
Acq: 30 Mar 2016 15:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.4	21.6
279	24.6	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 43.55 ng
 RT: 17.17 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF085886.D
 Acq: 30 Mar 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.0	18.8	28.2
138	23.0	22.6	34.0

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