

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085473.D
 Acq On : 16 Mar 2016 20:35
 Operator : UM/SJ
 Sample : H1788-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Manual Integrations
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 3/17/2016 5:20:04 PM

Quant Time: Mar 17 00:12:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	70625	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	267264	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	130005	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	234960	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	138465	20.00	ng	-0.01
86) Perylene-d12	15.51	264	108506	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1007267	245.16	ng	0.00
7) Phenol-d6	6.54	99	1337650	250.99	ng	-0.01
23) Nitrobenzene-d5	7.46	82	944664	208.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	329612	275.27	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1483371	197.95	ng	-0.01
78) Terphenyl-d14	13.01	244	1258739	205.65	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	156362	76.27	ng	97
3) Pyridine	3.34	79	358681	73.70	ng	97
4) n-Nitrosodimethylamine	3.28	42	191275	85.11	ng	96
6) Aniline	6.56	93	524840	71.34	ng	96
8) 2-Chlorophenol	6.69	128	433024	89.89	ng	99
9) Benzaldehyde	6.45	77	94042	31.60	ng	95
10) Phenol	6.55	94	528328	88.44	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	423222	92.13	ng	98
12) 1,3-Dichlorobenzene	6.85	146	465461	87.18	ng	100
13) 1,4-Dichlorobenzene	6.92	146	448244	83.81	ng	99
14) 1,2-Dichlorobenzene	7.08	146	443487	94.49	ng	99
15) Benzyl Alcohol	7.04	79	359426	94.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	528795	84.53	ng	98
17) 2-Methylphenol	7.16	107	353911	87.76	ng	97
18) Hexachloroethane	7.42	117	173998	88.69	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	269675	84.50	ng	# 91
20) 3+4-Methylphenols	7.32	107	433526	100.27	ng	# 81
22) Acetophenone	7.32	105	526246	80.35	ng	# 95
24) Nitrobenzene	7.49	77	444126	87.20	ng	99
25) Isophorone	7.73	82	835576	90.65	ng	99
26) 2-Nitrophenol	7.81	139	251564	103.10	ng	# 85
27) 2,4-Dimethylphenol	7.84	122	389700	89.80	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	519566	94.27	ng	98
29) 2,4-Dichlorophenol	8.05	162	362679	103.02	ng	92
30) 1,2,4-Trichlorobenzene	8.13	180	353120	86.81	ng	99
31) Naphthalene	8.21	128	1184218	90.68	ng	99
32) Benzoic acid	7.92	122	73036	29.27	ng	96
33) 4-Chloroaniline	8.25	127	289805	51.59	ng	99
34) Hexachlorobutadiene	8.33	225	197442	92.85	ng	99
35) Caprolactam	8.63	113	110566m	96.18	ng	
36) 4-Chloro-3-methylphenol	8.74	107	398496	99.13	ng	98
37) 2-Methylnaphthalene	8.90	142	835289	101.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	328880	81.33	ng	98
40) Hexachlorocyclopentadiene	9.06	237	343711	175.89	ng	96

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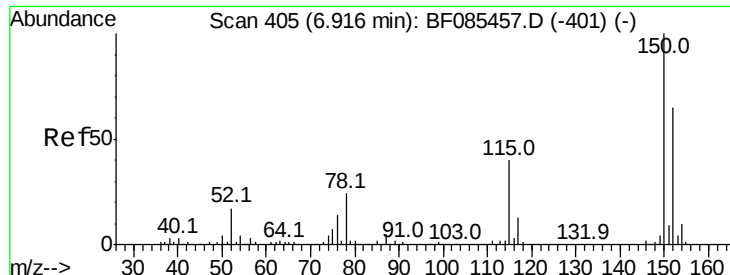
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	230790	86.43	nq	98
43) 2,4,5-Trichlorophenol	9.22	196	248862	92.26	nq	98
45) 1,1'-Biphenyl	9.37	154	935850	88.19	nq	93
46) 2-Chloronaphthalene	9.40	162	767475	96.53	nq	97
47) 2-Nitroaniline	9.49	65	233028	96.79	nq	89
48) Acenaphthylene	9.81	152	1099754	85.50	nq	98
49) Dimethylphthalate	9.67	163	1026778	108.25	nq	99
50) 2,6-Dinitrotoluene	9.73	165	174490	83.27	nq	# 80
51) Acenaphthene	9.98	154	730477	90.33	nq	99
52) 3-Nitroaniline	9.90	138	180179	71.91	nq	92
53) 2,4-Dinitrophenol	10.00	184	139886	118.29	nq	# 65
54) Dibenzofuran	10.15	168	953877	96.02	nq	100
55) 4-Nitrophenol	10.06	139	335772	194.69	nq	# 73
56) 2,4-Dinitrotoluene	10.14	165	280942	106.89	nq	# 81
57) Fluorene	10.49	166	727364	91.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	184616	99.68	nq	95
59) Diethylphthalate	10.37	149	818110	89.10	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	333171	81.85	nq	92
61) 4-Nitroaniline	10.52	138	217443	92.30	nq	98
62) Azobenzene	10.64	77	885245	97.08	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	114169	81.34	nq	# 37
65) n-Nitrosodiphenylamine	10.61	169	717424	99.08	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	207642	87.32	nq	91
67) Hexachlorobenzene	11.04	284	224462	91.48	nq	# 88
68) Atrazine	11.13	200	230334	111.17	nq	97
69) Pentachlorophenol	11.24	266	237898	182.91	nq	99
70) Phenanthrene	11.45	178	1074381	87.79	nq	99
71) Anthracene	11.51	178	1235270	99.10	nq	100
72) Carbazole	11.66	167	946401	89.73	nq	99
73) Di-n-butylphthalate	11.99	149	1315040	100.64	nq	99
74) Fluoranthene	12.64	202	1134138	98.59	nq	99
76) Benzidine	12.76	184	297535	69.18	nq	98
77) Pyrene	12.87	202	1146396	110.39	nq	99
79) Butylbenzylphthalate	13.49	149	508995	112.09	nq	# 79
80) Benzo(a)anthracene	14.06	228	798361	100.57	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	169325	63.01	nq	98
82) Chrysene	14.09	228	762139	106.73	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	623131	112.50	nq	# 96
84) Di-n-octyl phthalate	14.65	149	908820	112.38	nq	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	713701	105.43	nq	97
87) Benzo(b)fluoranthene	15.09	252	729989m	103.01	nq	
88) Benzo(k)fluoranthene	15.12	252	471848m	85.01	nq	
89) Benzo(a)pyrene	15.45	252	592364	96.76	nq	100
90) Dibenzo(a,h)anthracene	16.96	278	597771	99.96	nq	99
91) Benzo(g,h,i)perylene	17.39	276	609827	99.84	nq	97

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



#1

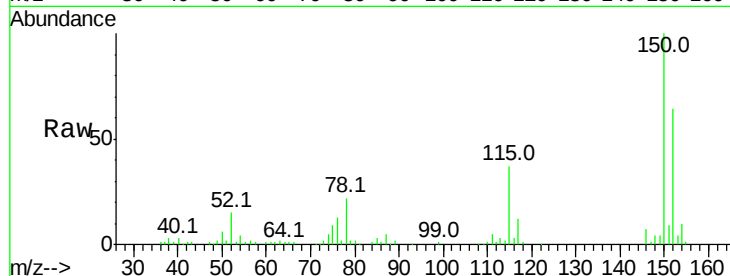
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

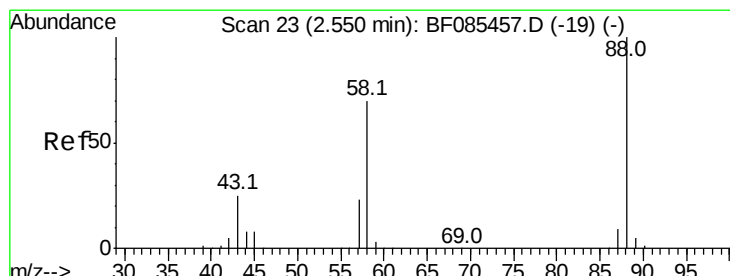
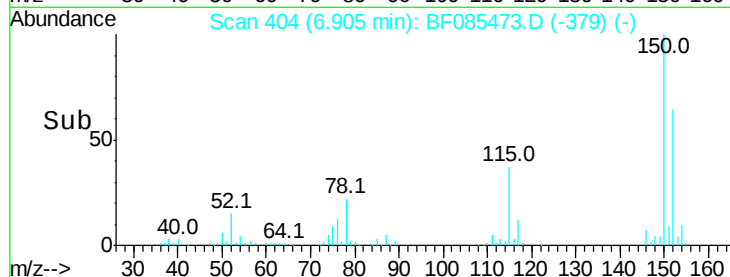
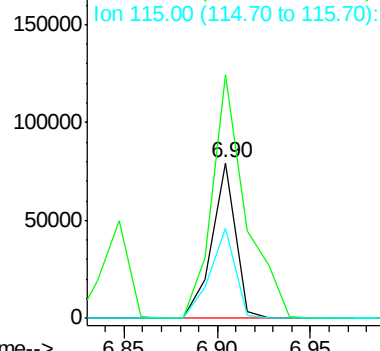
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	58.0	46.6	70.0

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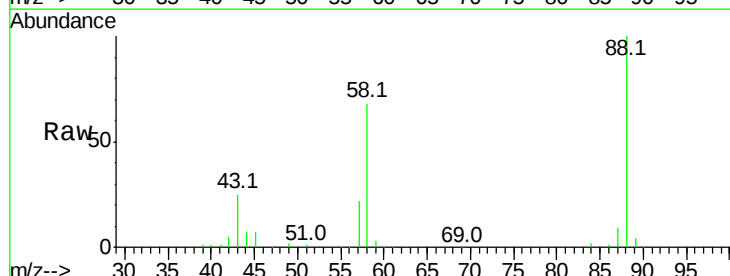
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



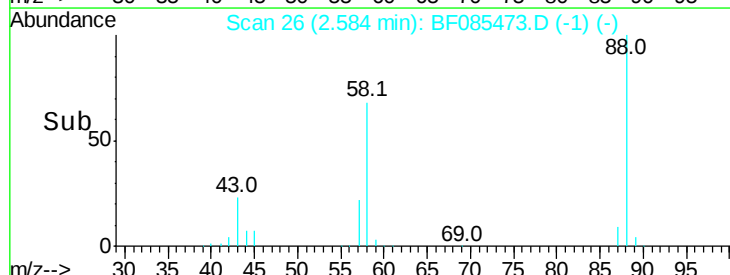
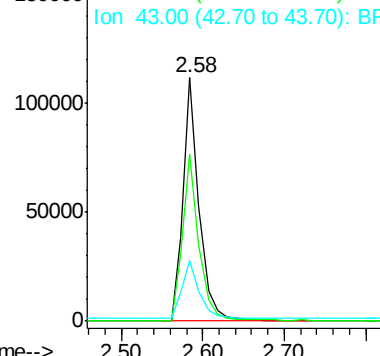
#2

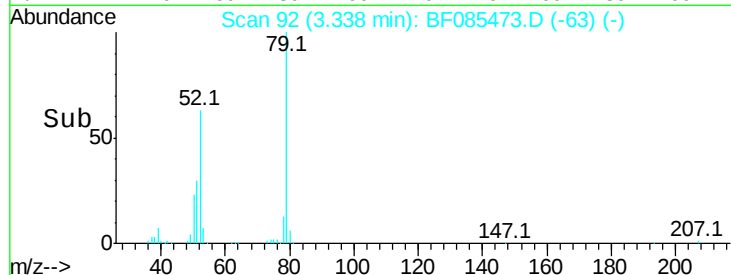
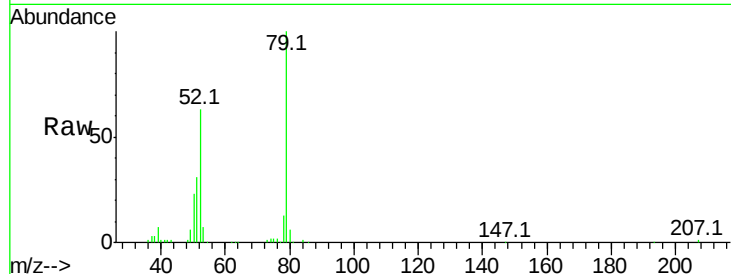
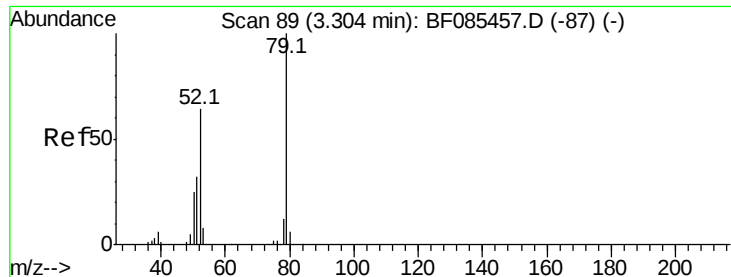
1,4-Dioxane
Concen: 76.27 ng
RT: 2.58 min Scan# 26
Delta R.T. 0.03 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.0	85.6
43	25.1	20.5	30.7



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 73.70 ng

RT: 3.34 min Scan# 92

Delta R.T. 0.03 min

Lab File: BF085473.D

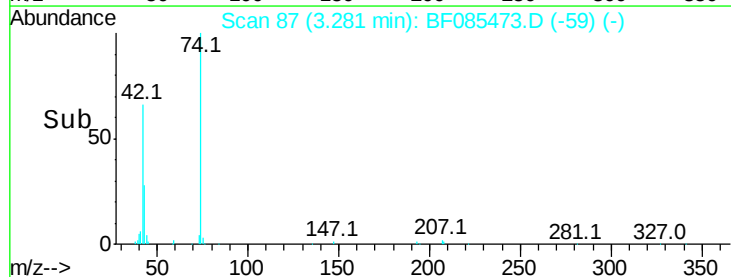
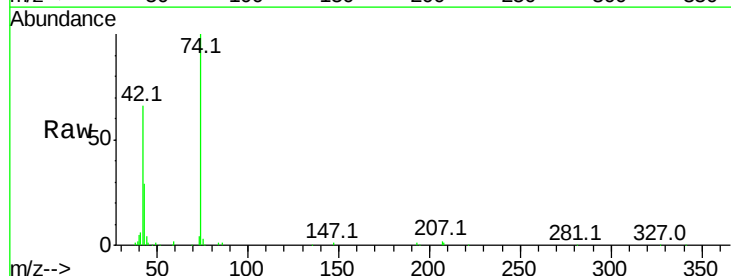
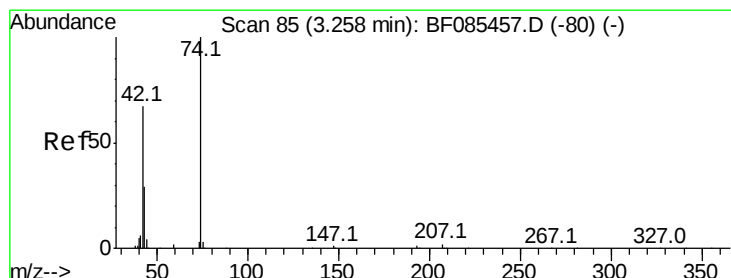
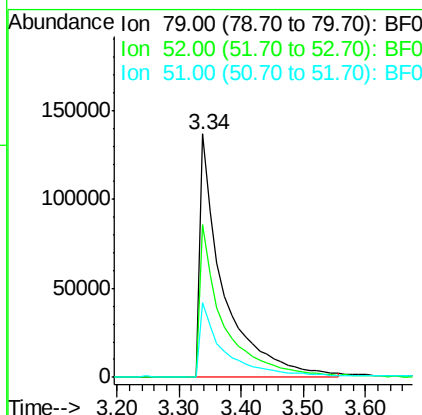
Acq: 16 Mar 2016 20:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.9	52.6	79.0
51	30.8	25.8	38.8

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SB-1(8-9)MS

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#4

n-Nitrosodimethylamine

Concen: 85.11 ng

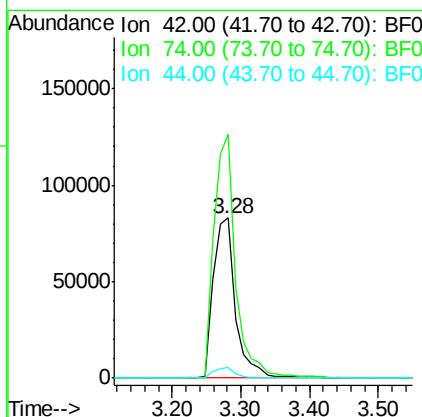
RT: 3.28 min Scan# 87

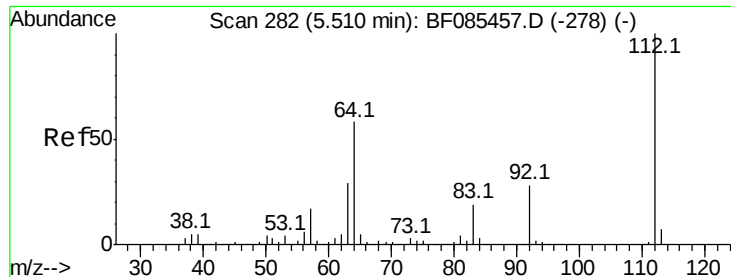
Delta R.T. 0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.8	116.8	175.2
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 245.16 ng

RT: 5.51 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

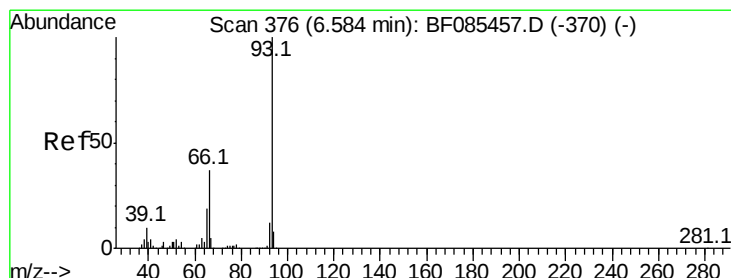
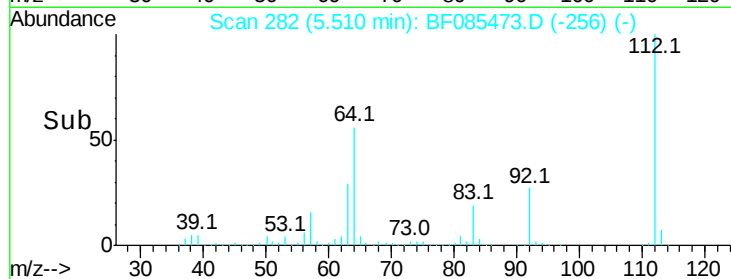
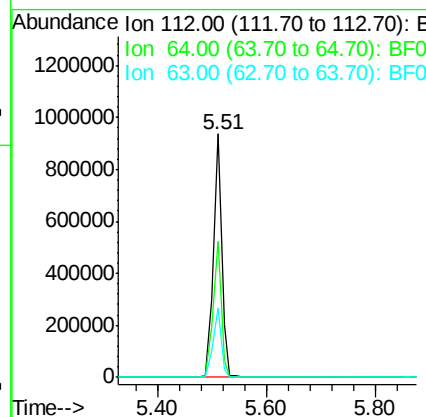
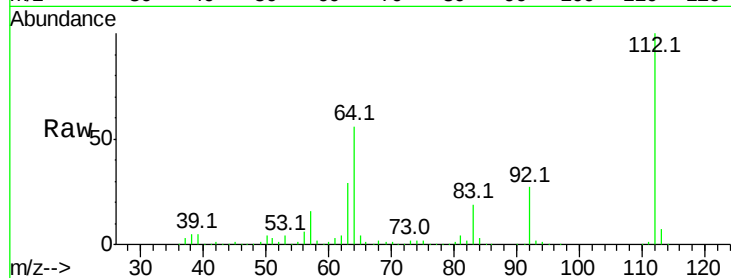
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	112	Resp:	1007267
Ion Ratio	Lower	Upper	
112	100		
64	55.9	49.0	73.4
63	28.5	24.8	37.2

Manual Integrations
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#6

Aniline

Concen: 71.34 ng

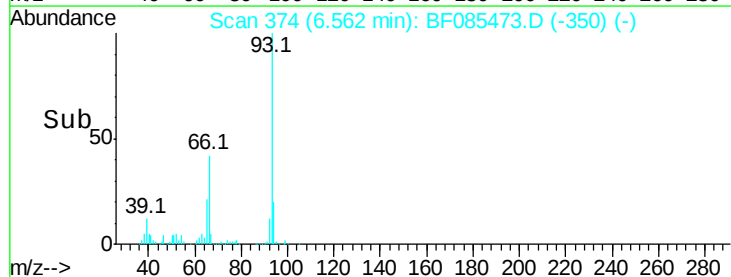
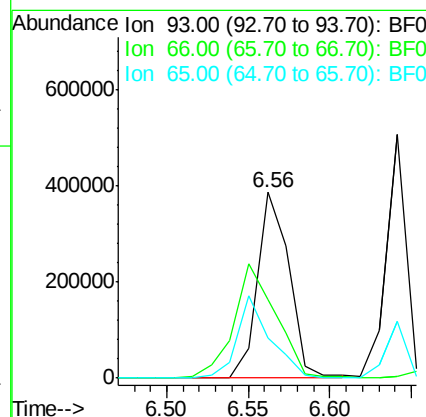
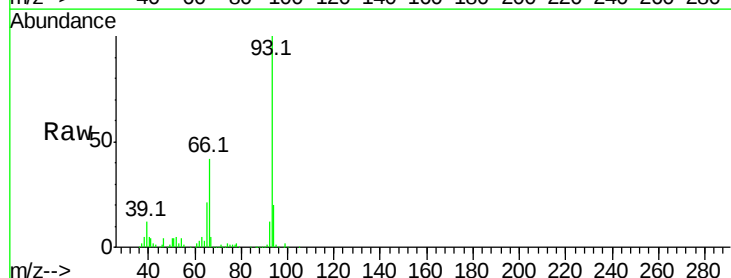
RT: 6.56 min Scan# 374

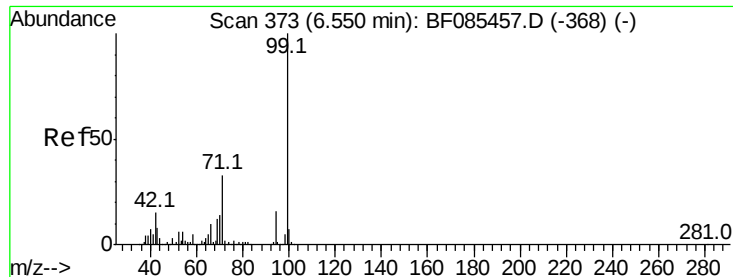
Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	93	Resp:	524840
Ion Ratio	Lower	Upper	
93	100		
66	41.9	31.6	47.4
65	21.4	15.8	23.8





#7

Phenol-d6

Concen: 250.99 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tot Ion: 99 Resp: 1337650

Ion Ratio Lower Upper

99 100

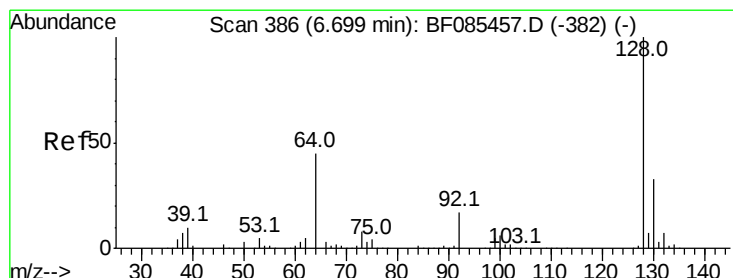
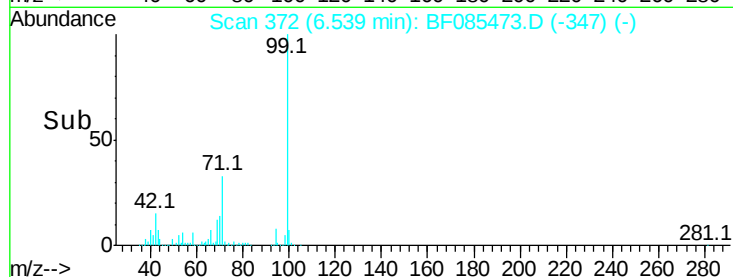
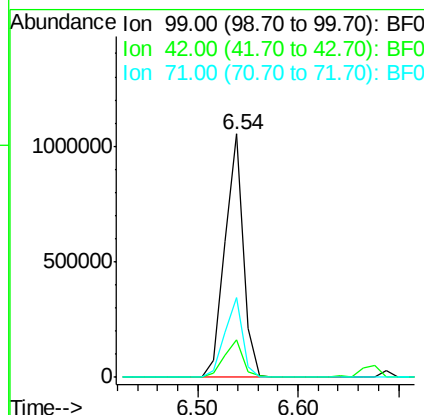
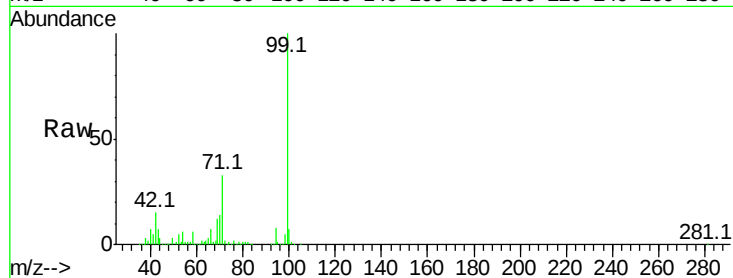
42 15.2 13.6 20.4

71 32.8 26.7 40.1

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#8

2-Chlorophenol

Concen: 89.89 ng

RT: 6.69 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

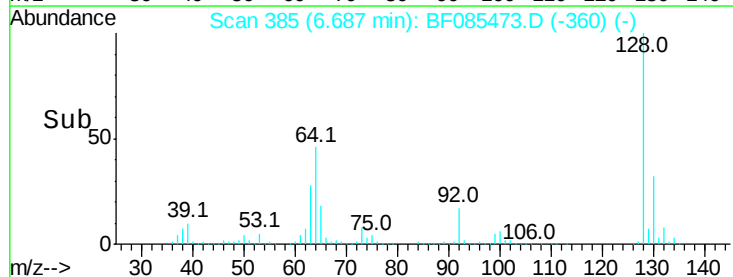
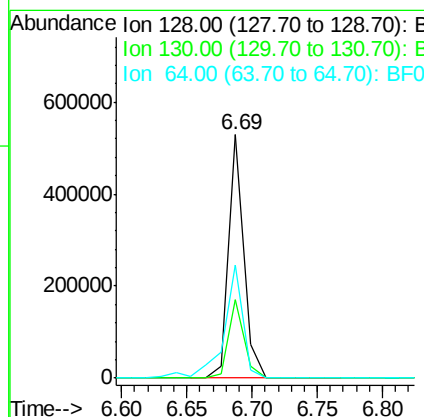
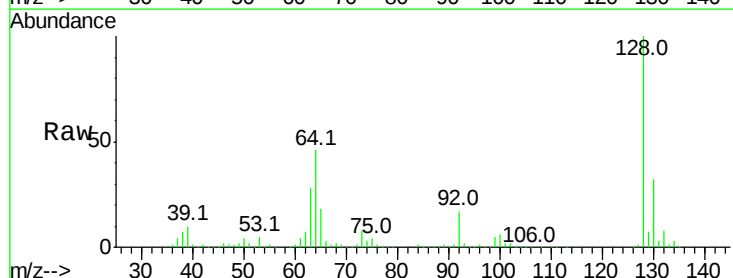
Tgt Ion: 128 Resp: 433024

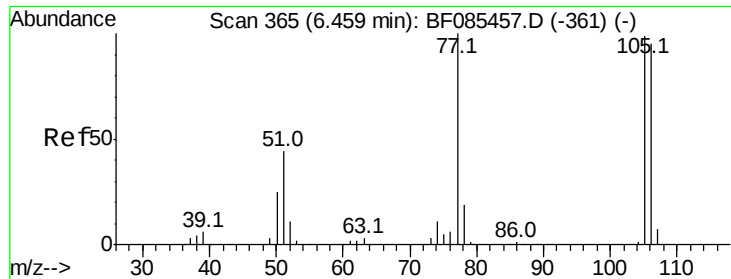
Ion Ratio Lower Upper

128 100

130 32.3 13.3 53.3

64 46.4 25.7 65.7





#9

Benzaldehyde

Concen: 31.60 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

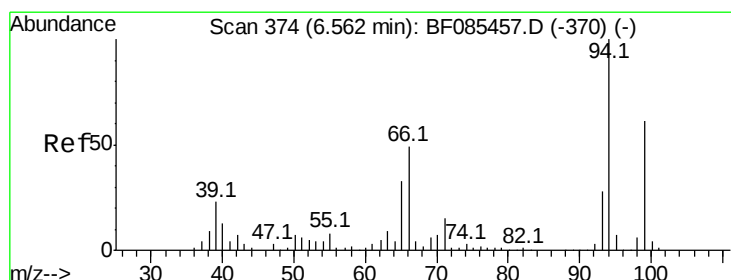
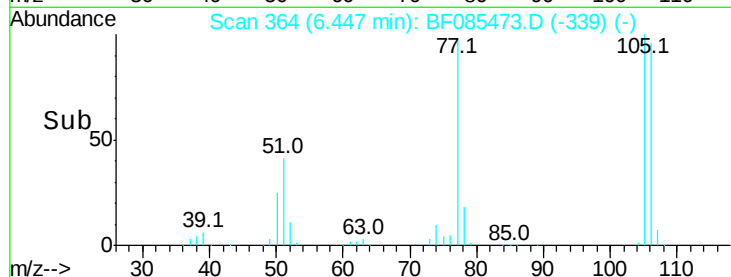
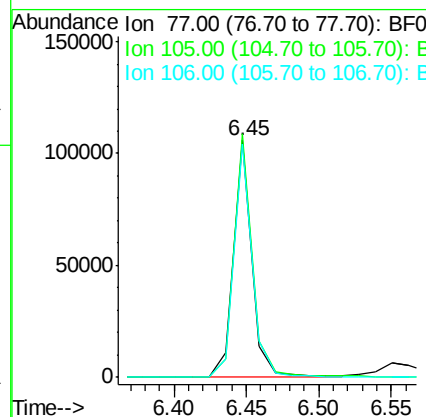
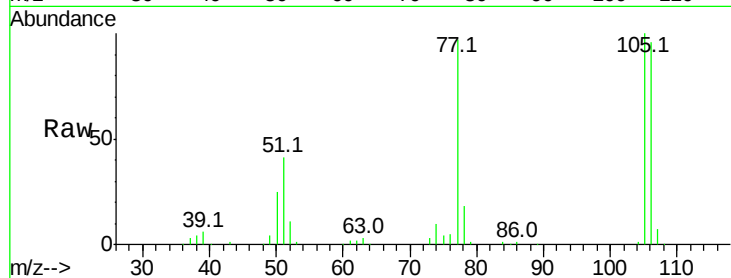
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	77	Resp:	94042
Ion	Ratio	Lower	Upper
77	100		
105	102.8	78.2	118.2
106	98.6	72.9	112.9

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#10

Phenol

Concen: 88.44 ng

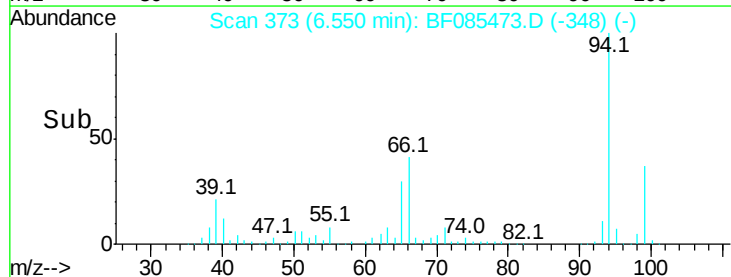
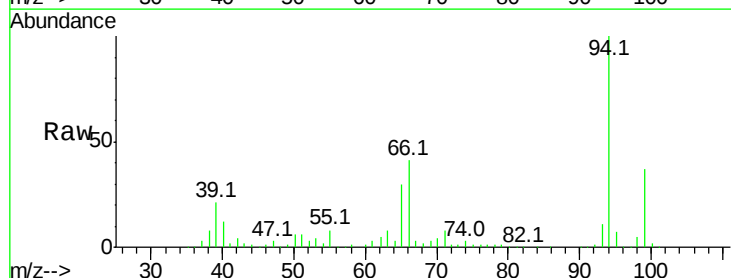
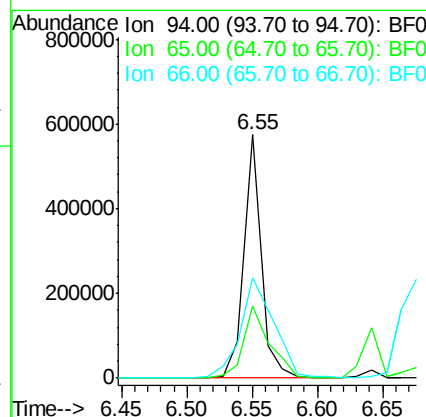
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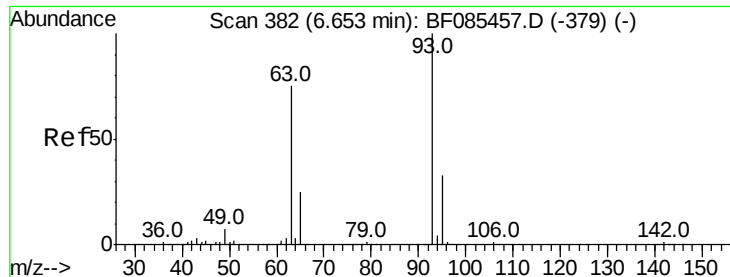
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	94	Resp:	528328
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.1	49.1
66	41.3	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 92.13 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

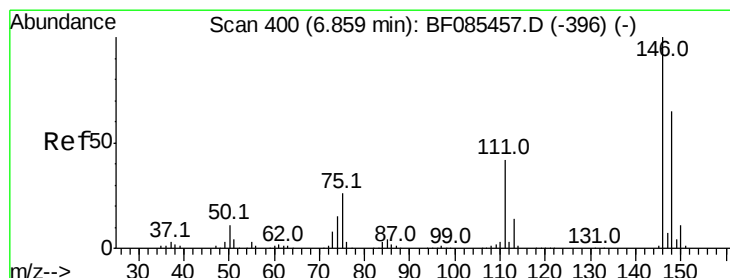
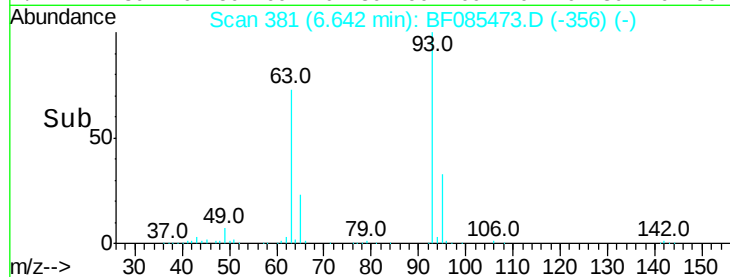
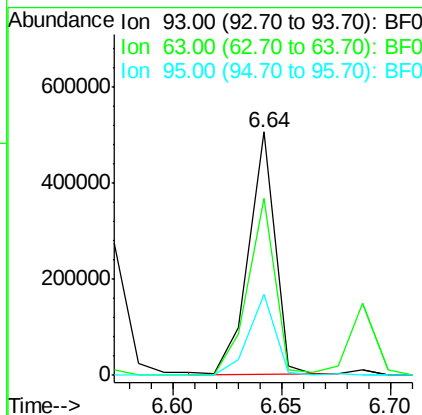
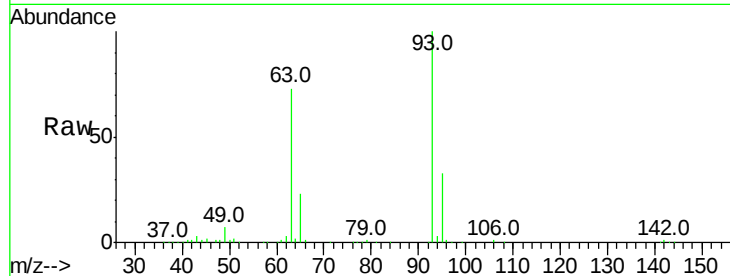
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	93	Resp:	423222
Ion Ratio	Lower	Upper	
93	100		
63	72.5	50.9	90.9
95	33.2	13.7	53.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 87.18 ng

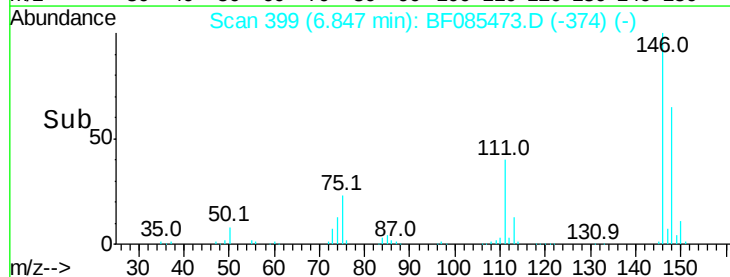
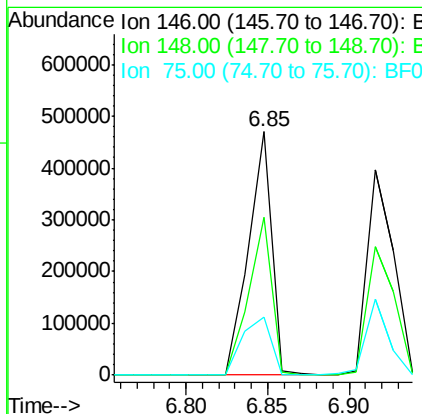
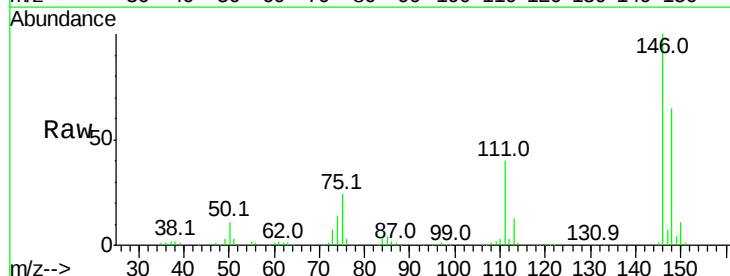
RT: 6.85 min Scan# 399

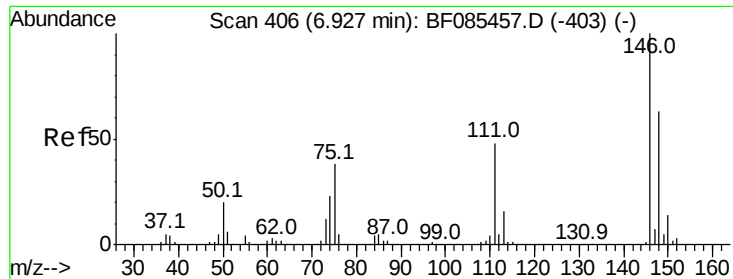
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	146	Resp:	465461
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.1	78.1
75	24.0	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 83.81 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

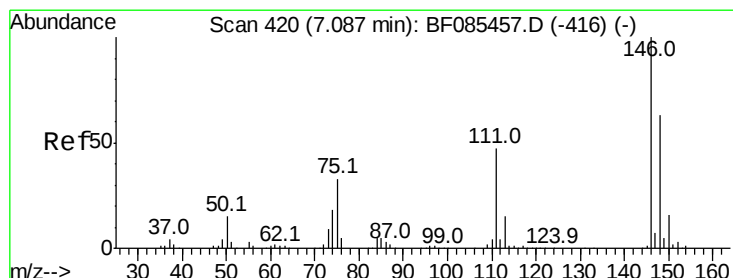
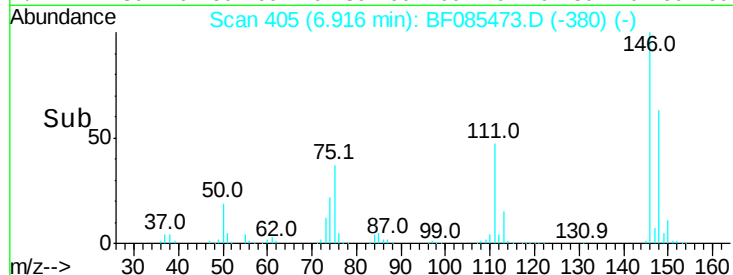
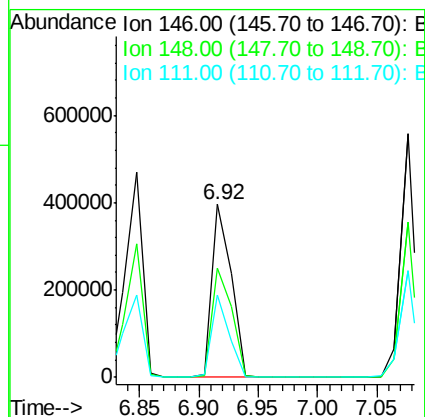
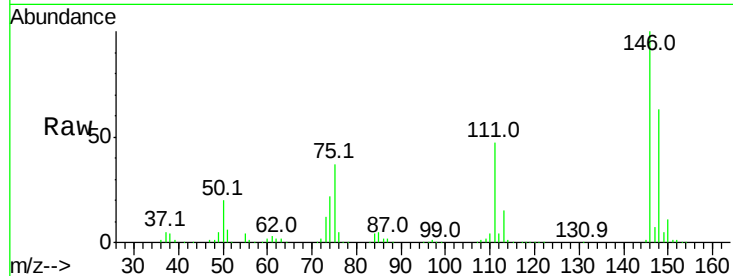
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	146	Resp:	448244
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.3	76.9
111	47.3	38.4	57.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 94.49 ng

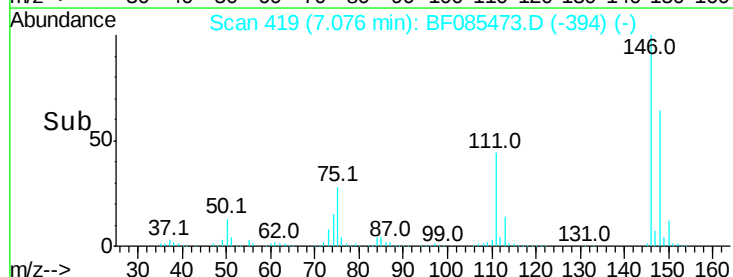
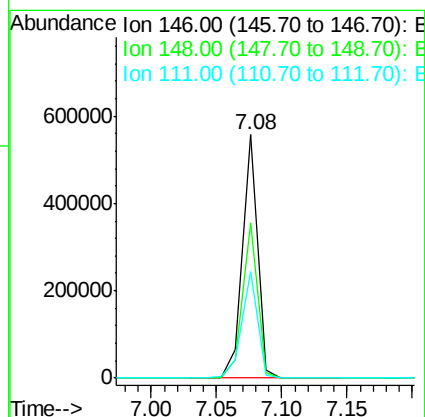
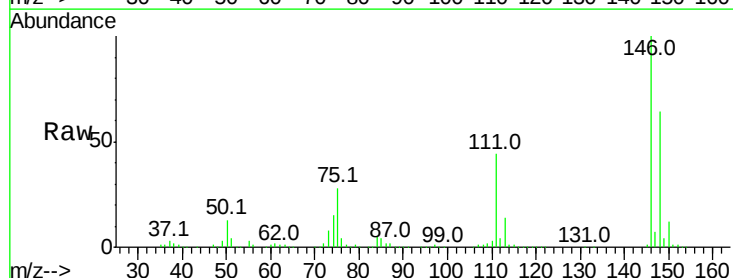
RT: 7.08 min Scan# 419

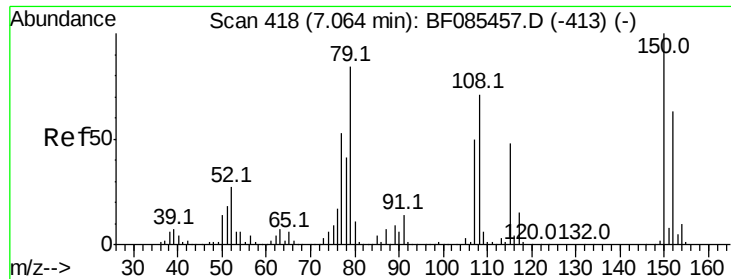
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	146	Resp:	443487
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
111	43.9	36.7	55.1





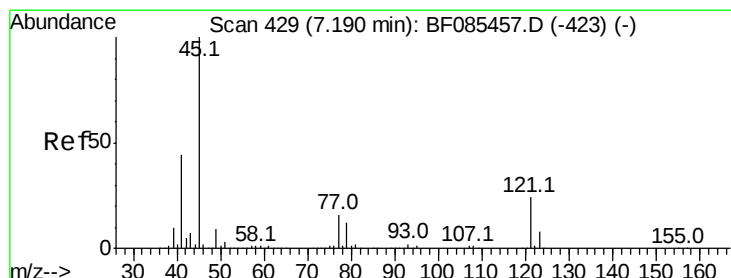
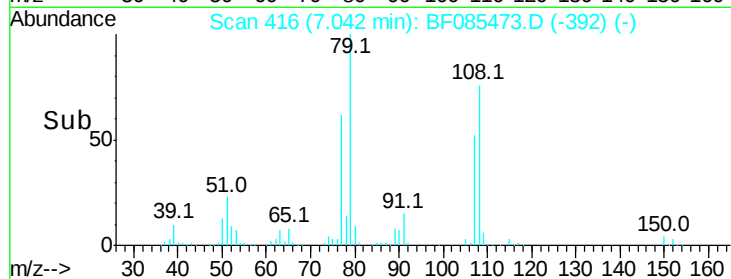
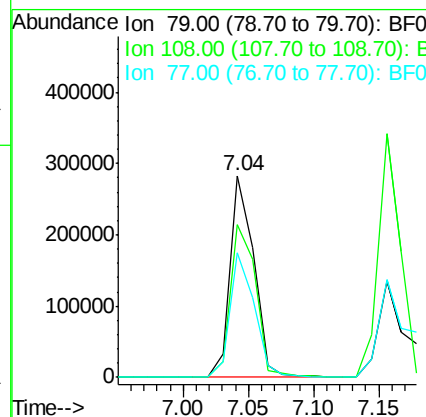
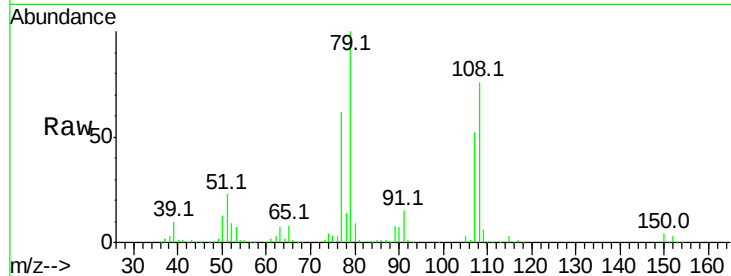
#15
Benzyl Alcohol
Concen: 94.43 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.9	94.3
77	61.9	49.5	74.3

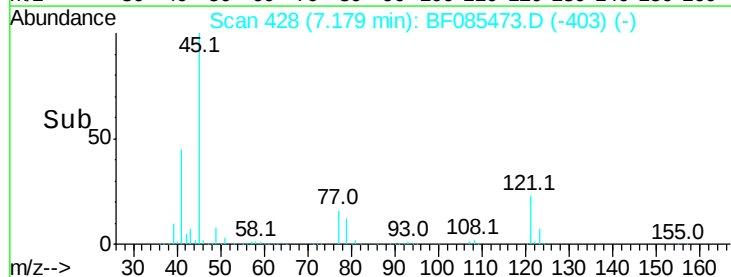
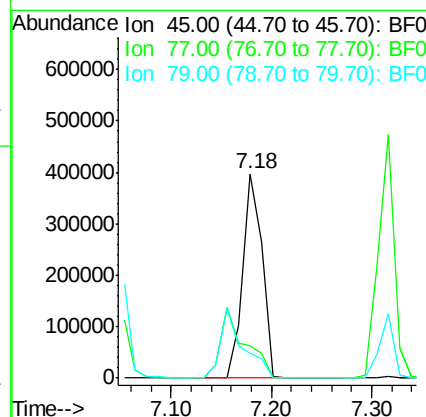
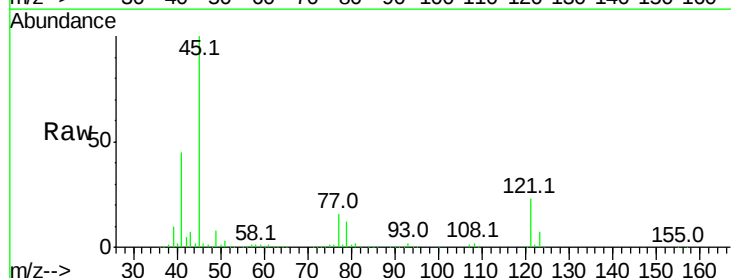
Manual Integrations
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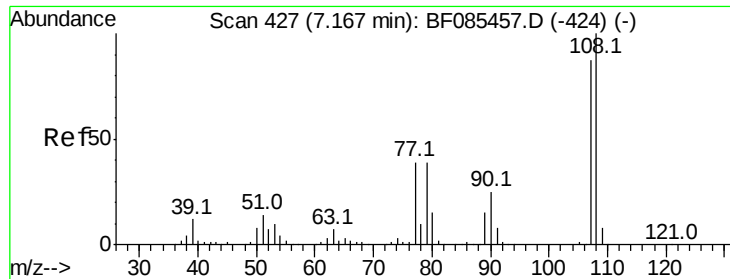
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 84.53 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	35.1
79	11.9	0.0	31.3





#17

2-Methylphenol

Concen: 87.76 ng

RT: 7.16 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

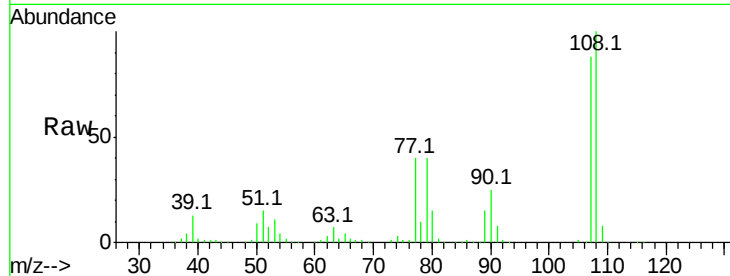
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	107	Resp:	353911
Ion Ratio	Lower	Upper	
107	100		
108	114.0	90.9	136.3
77	45.9	32.6	48.8
79	45.3	32.8	49.2

Manual Integrations
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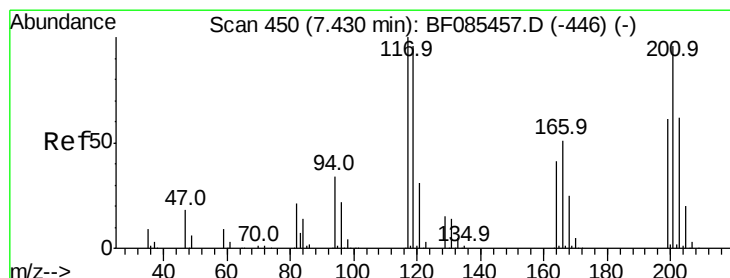
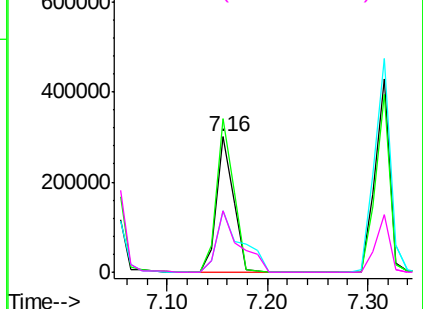
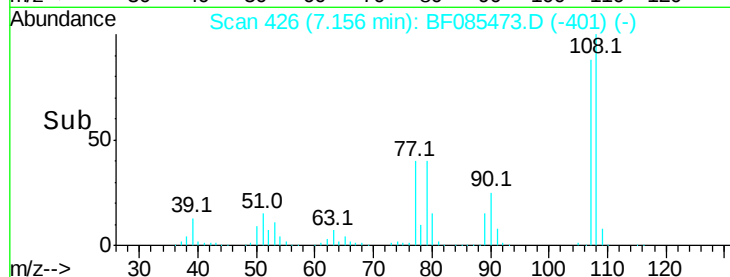


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 88.69 ng

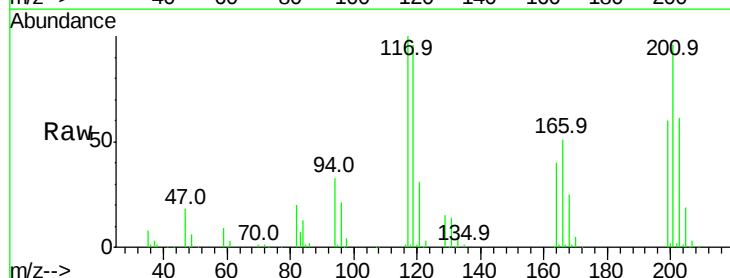
RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

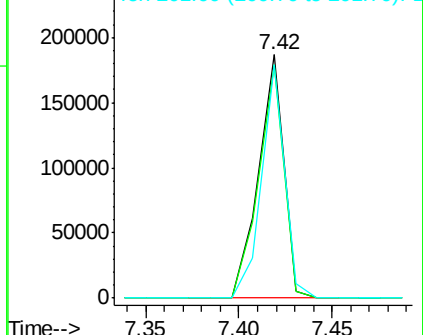
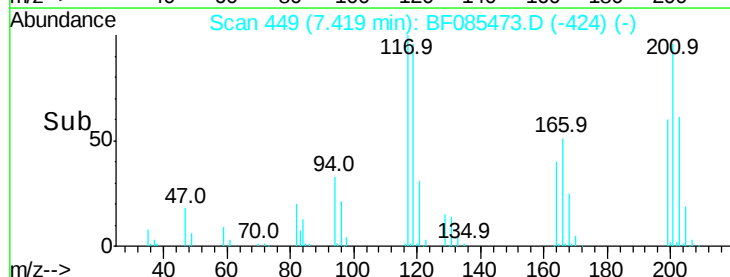
Tgt Ion:	117	Resp:	173998
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.2	117.4
201	96.1	72.0	108.0

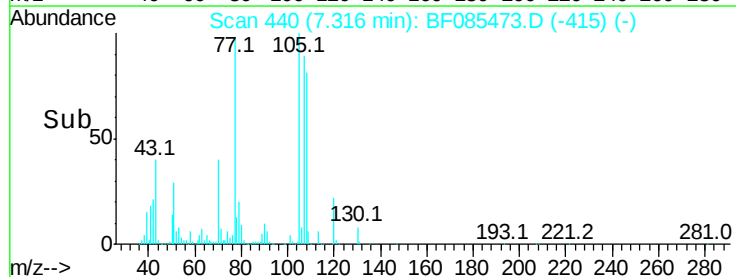
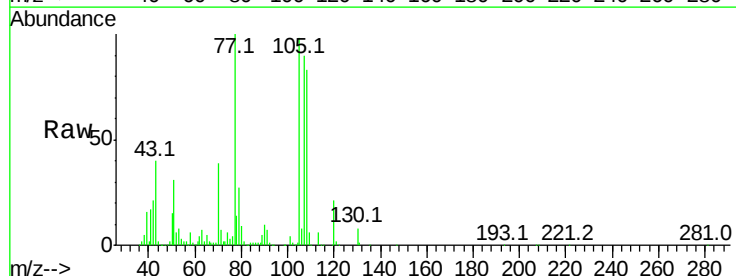
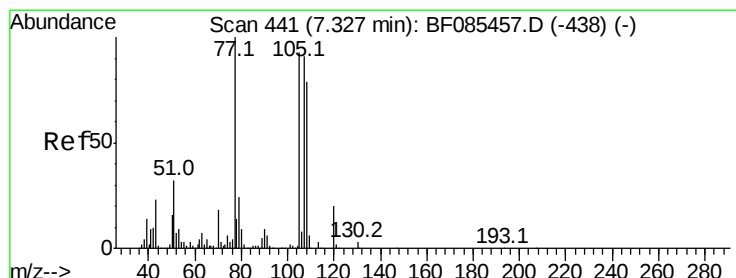
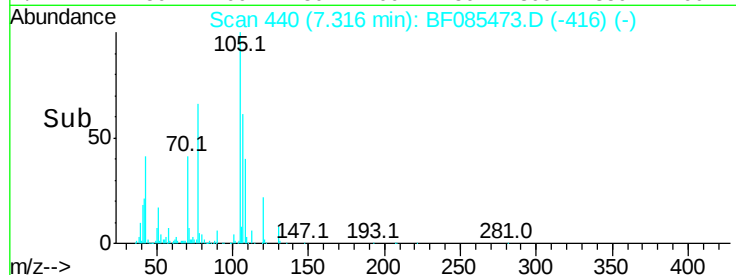
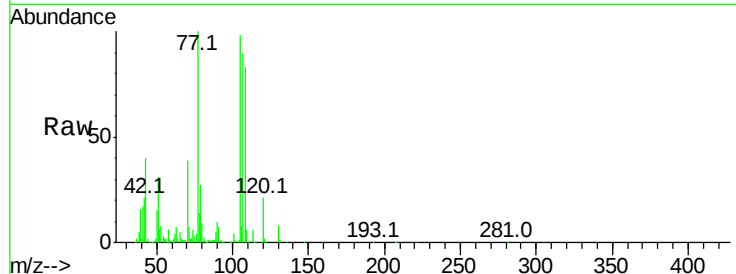
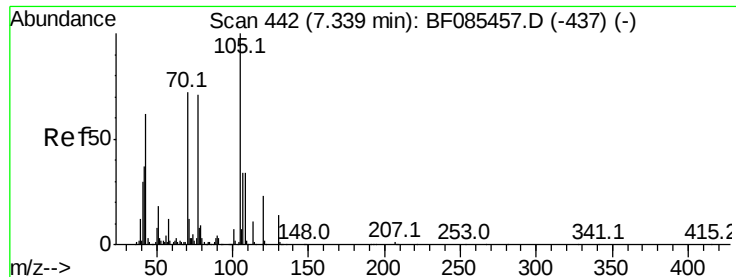


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 84.50 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF085473.D

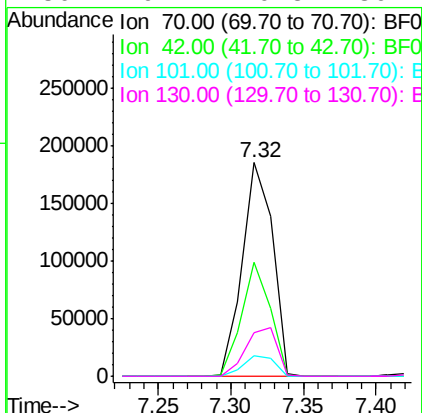
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	37.7	56.5
101	9.6	8.2	12.4
130	20.2	20.5	30.7#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 100.27 ng

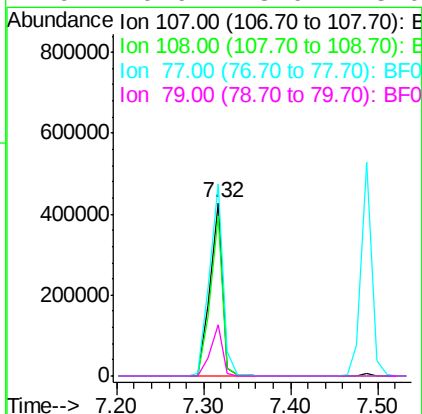
RT: 7.32 min Scan# 440

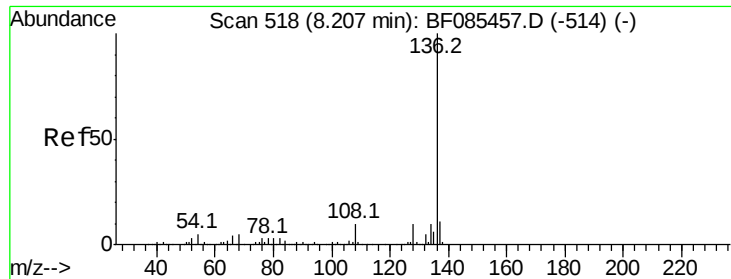
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.8	108.8
77	110.8	53.6	93.6#
79	29.6	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

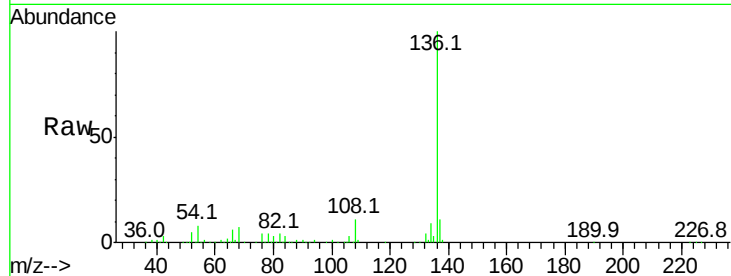
ClientSampleId :

SB-1(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	267264		
137	11.2	9.3	13.9	
54	8.4	7.4	11.2	
68	6.7	6.0	9.0	

Manual Integrations
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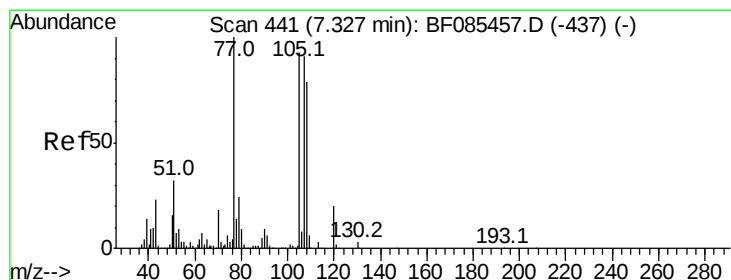
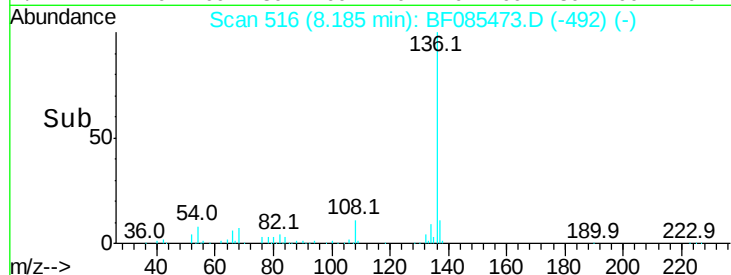
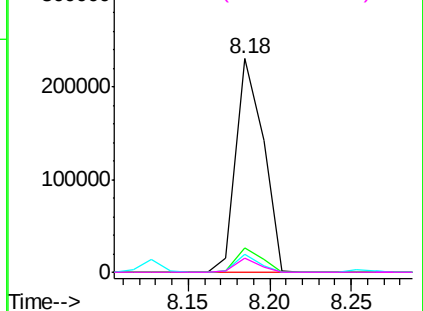


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 80.35 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

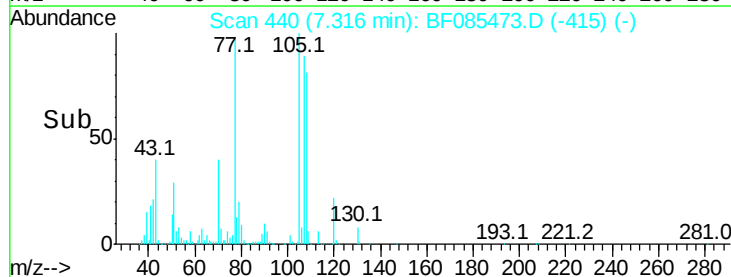
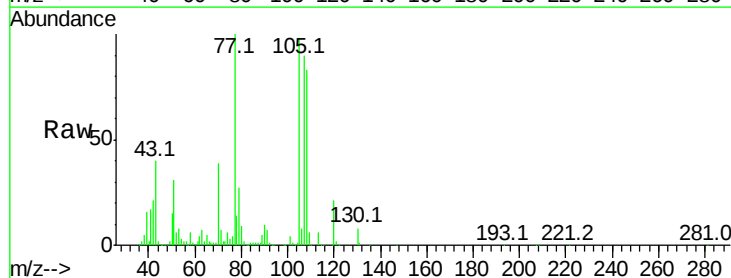
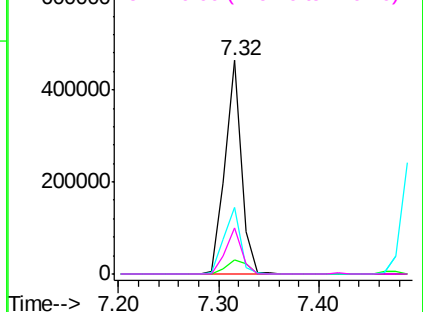
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	526246		
71	6.9	4.1	6.1#	
51	31.2	21.1	31.7	
120	21.7	17.3	25.9	

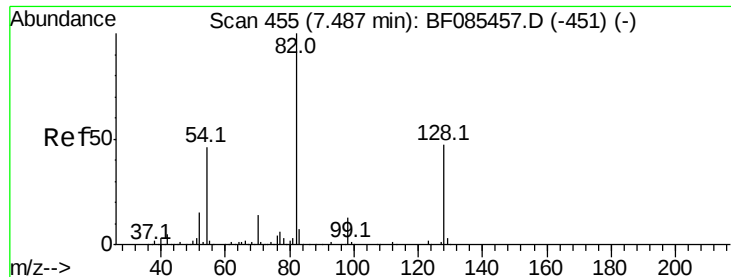
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





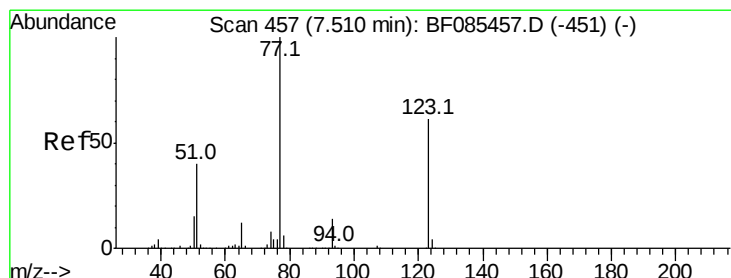
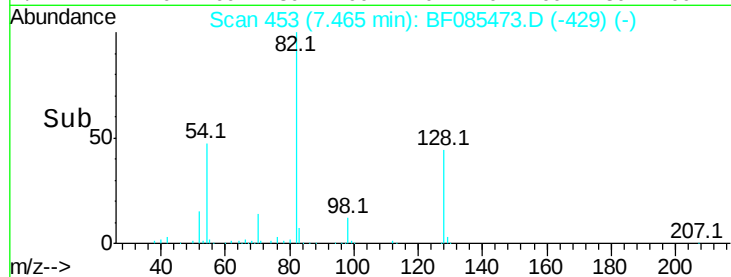
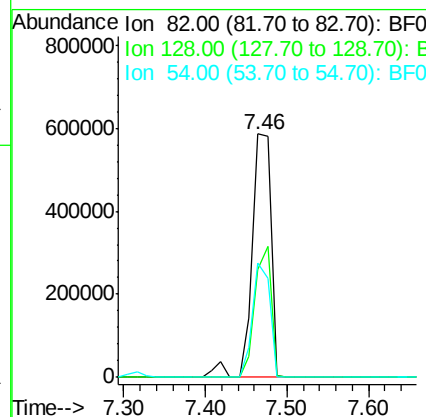
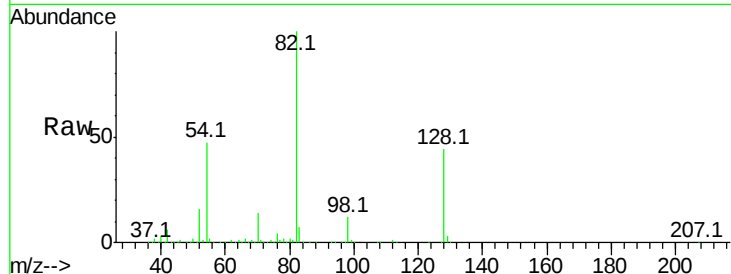
#23
 Nitrobenzene-d5
 Concen: 208.98 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	34.5	51.7	
54	47.0	39.3	58.9	

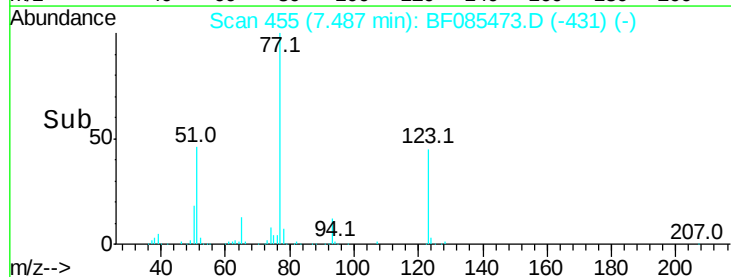
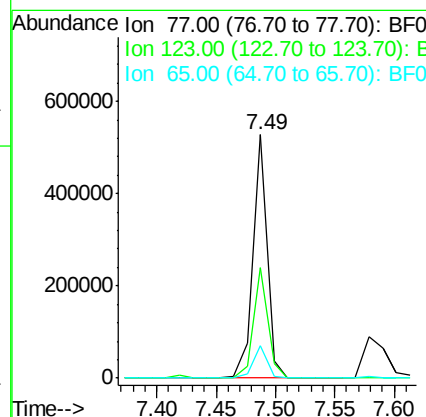
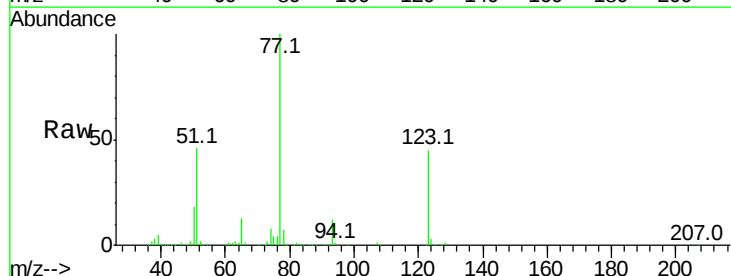
Manual Integrations
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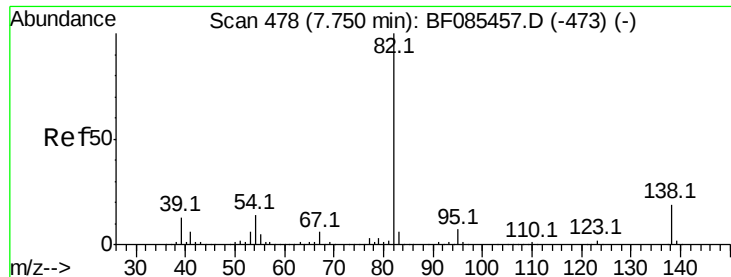
Sohil
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#24
 Nitrobenzene
 Concen: 87.20 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.3	35.4	53.2	
65	13.3	10.6	16.0	





#25

Isophorone

Concen: 90.65 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

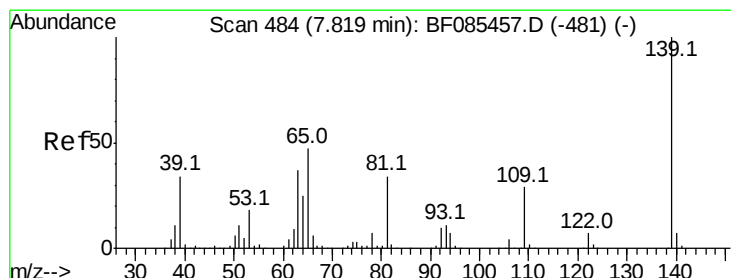
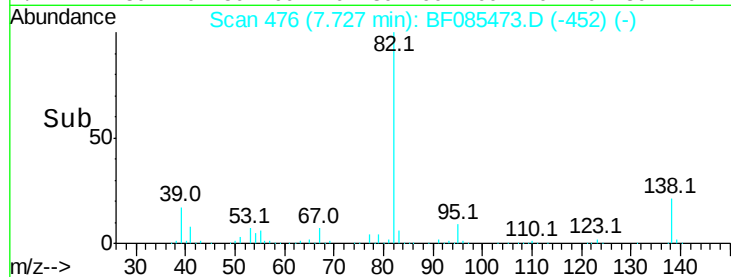
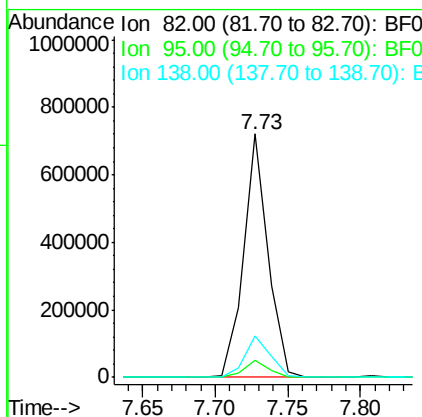
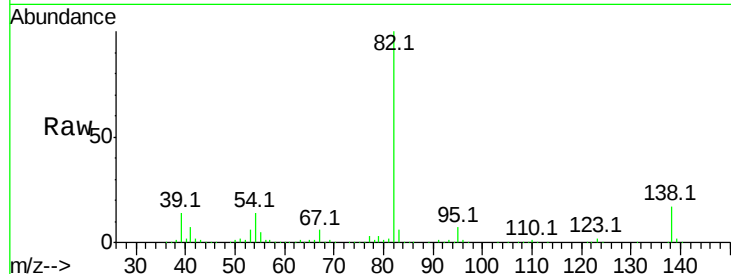
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	82	Resp:	835576
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	16.8	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 103.10 ng

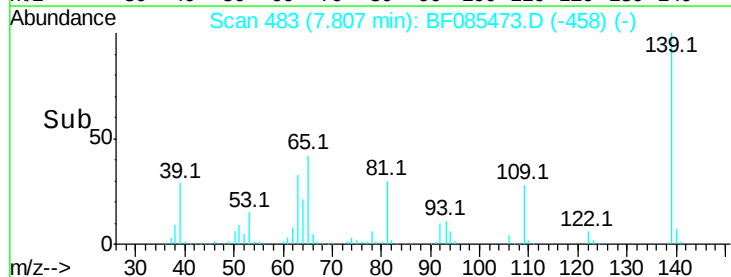
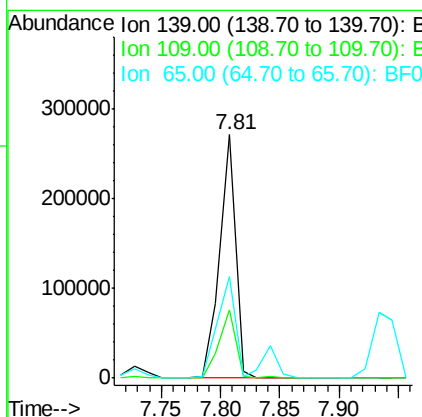
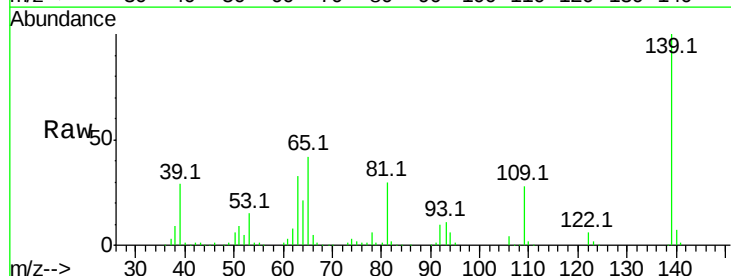
RT: 7.81 min Scan# 483

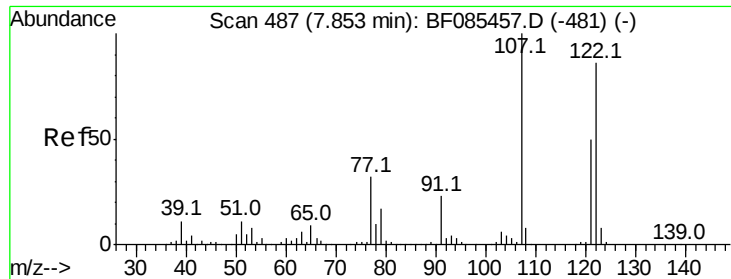
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	139	Resp:	251564
Ion Ratio	Lower	Upper	
139	100		
109	27.8	19.1	28.7
65	41.5	23.9	35.9#





#27

2,4-Dimethylphenol

Concen: 89.80 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

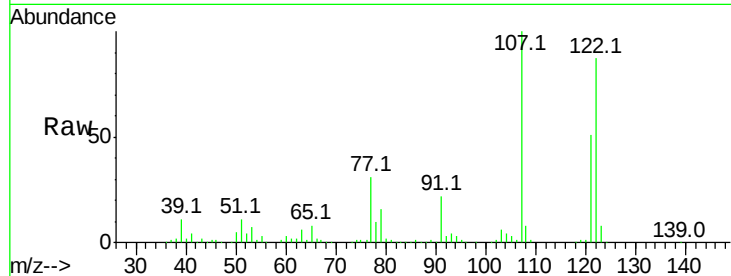
ClientSampleId :

SB-1(8-9)MS

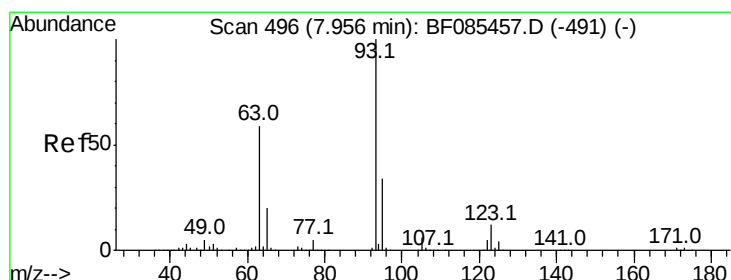
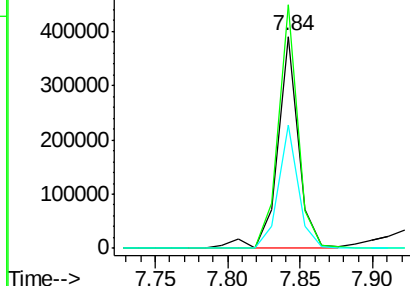
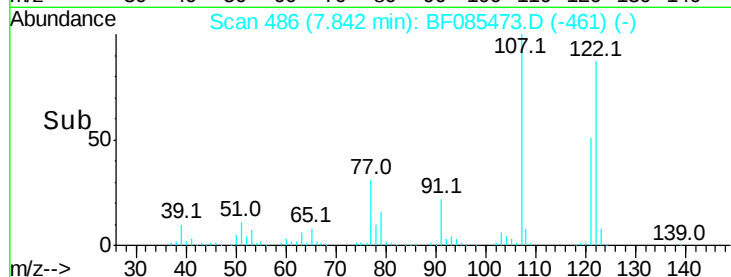
Tot Ion:	122	Resp:	389700
Ion Ratio	Lower	Upper	
122	100		
107	114.9	84.8	127.2
121	58.4	47.0	70.6

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 94.27 ng

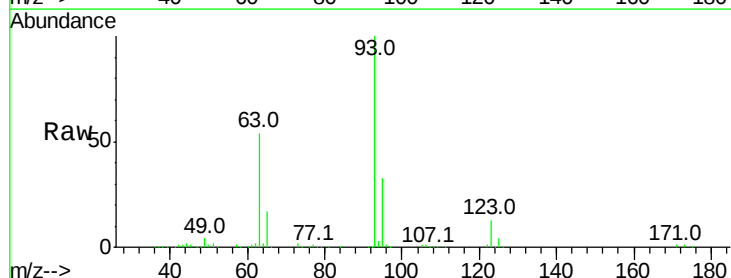
RT: 7.94 min Scan# 495

Delta R.T. -0.01 min

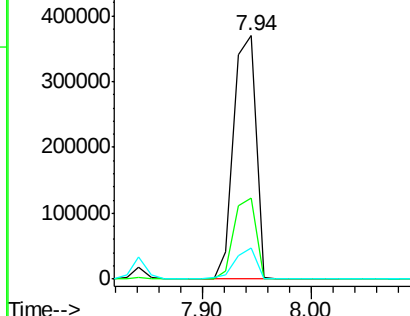
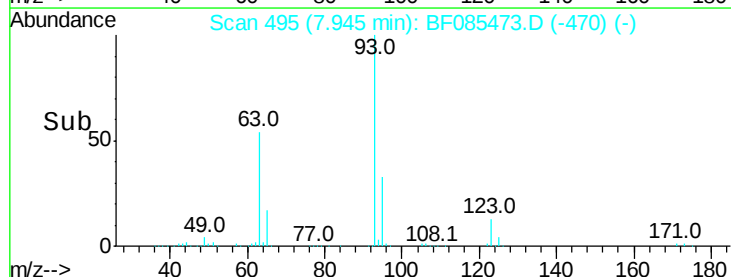
Lab File: BF085473.D

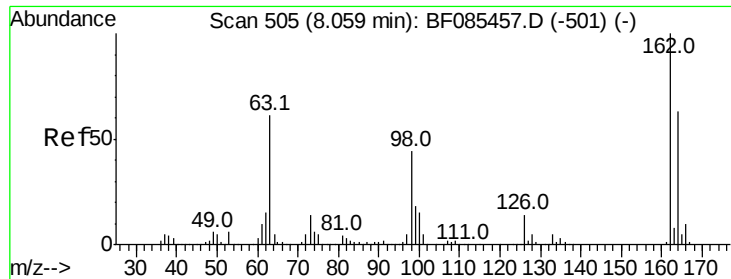
Acq: 16 Mar 2016 20:35

Tgt Ion:	93	Resp:	519566
Ion Ratio	Lower	Upper	
93	100		
95	33.3	25.9	38.9
123	12.8	8.8	13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





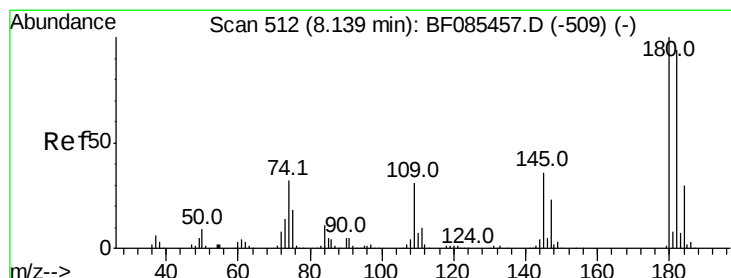
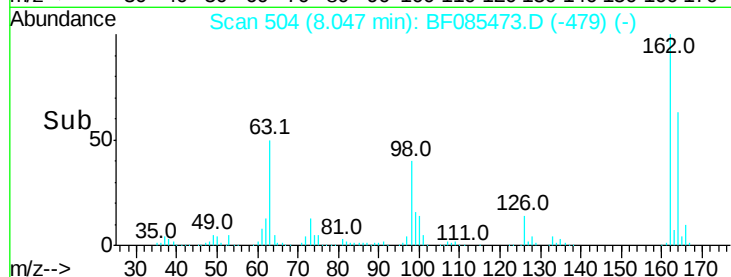
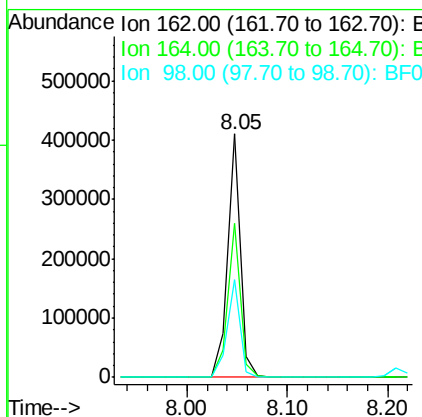
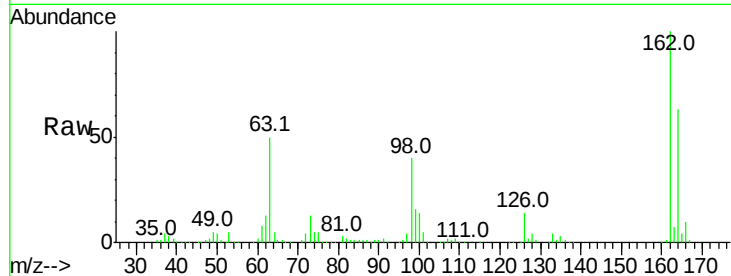
#29
 2,4-Dichlorophenol
 Concen: 103.02 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	45.7	85.7
98	40.2	9.4	49.4

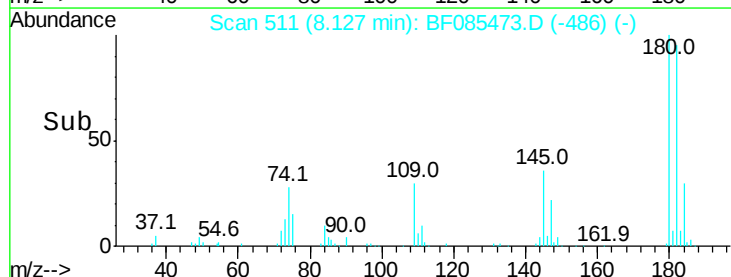
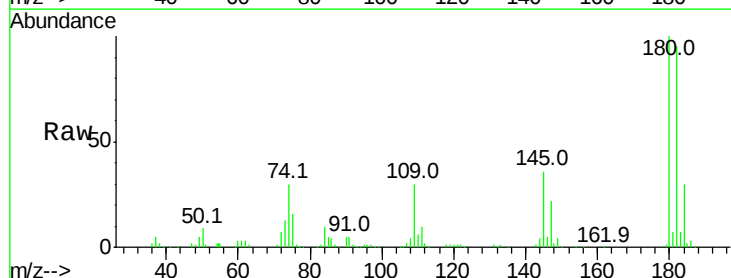
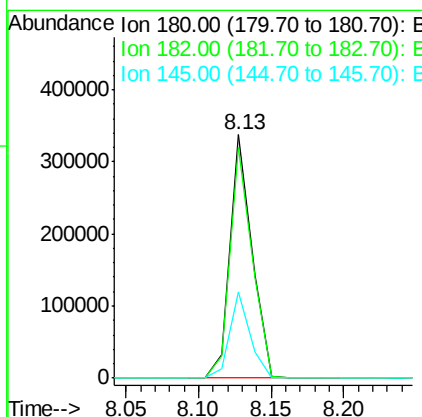
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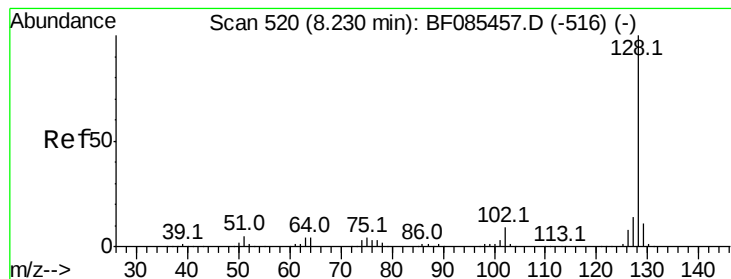
Sohil
 3/17/2016 5:20:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 86.81 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	74.9	112.3
145	35.5	27.9	41.9





#31

Naphthalene

Concen: 90.68 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tot Ion:128 Resp: 1184218

Ion Ratio Lower Upper

128 100

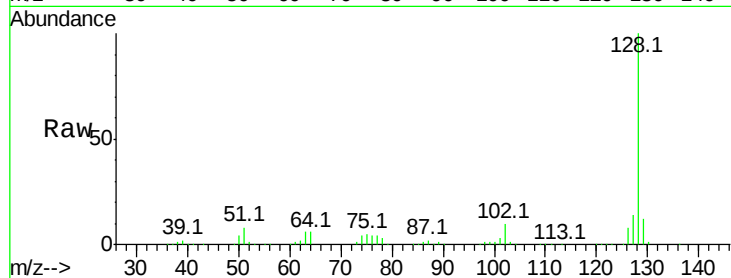
129 11.6 9.7 14.5

127 13.7 11.2 16.8

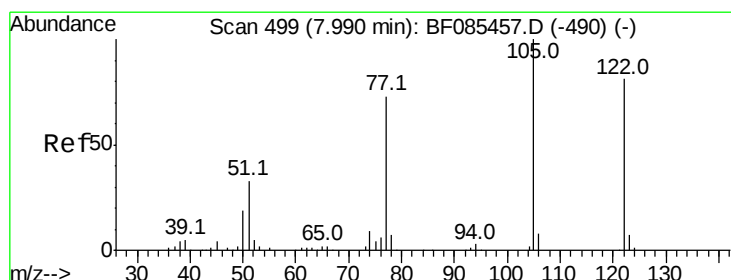
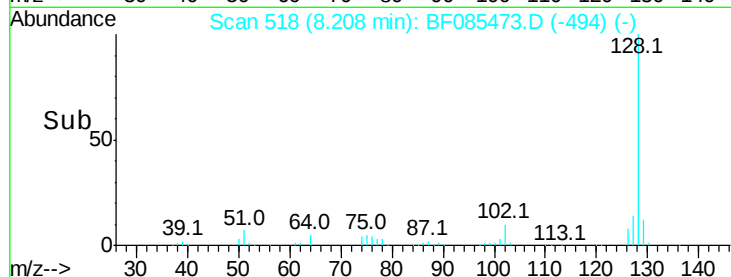
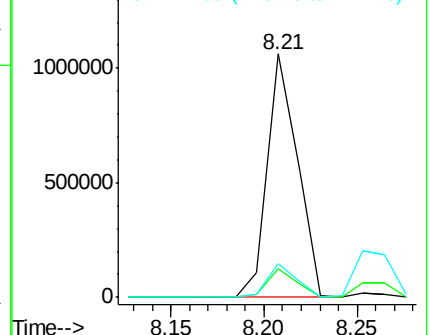
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.27 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

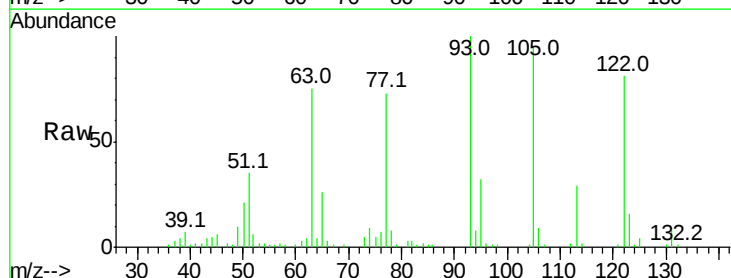
Tgt Ion:122 Resp: 73036

Ion Ratio Lower Upper

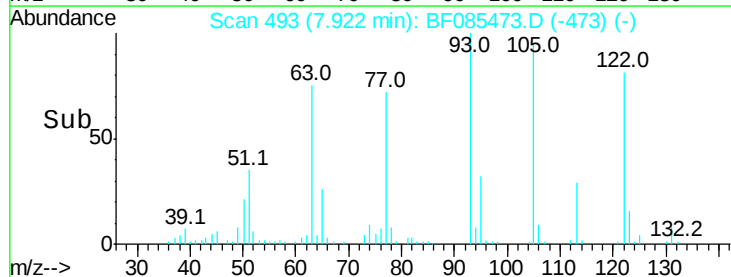
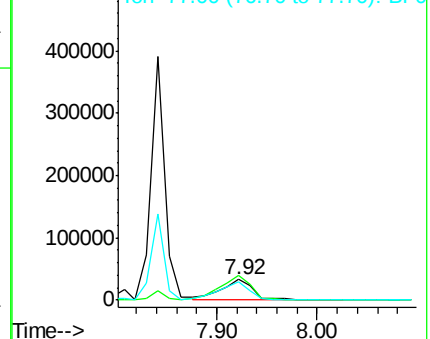
122 100

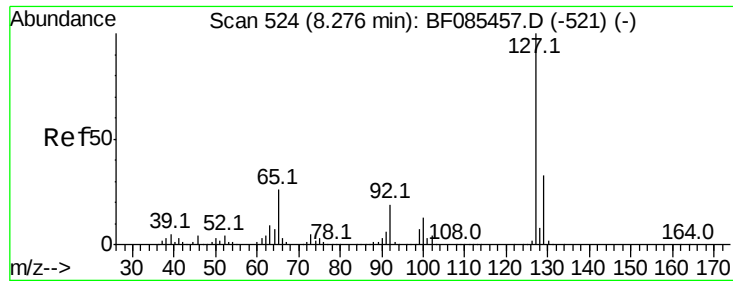
105 116.8 101.3 141.3

77 90.2 74.7 114.7



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





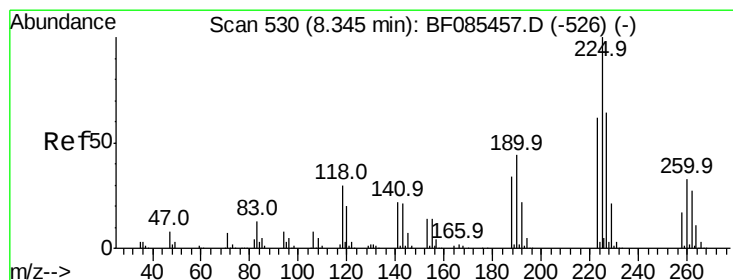
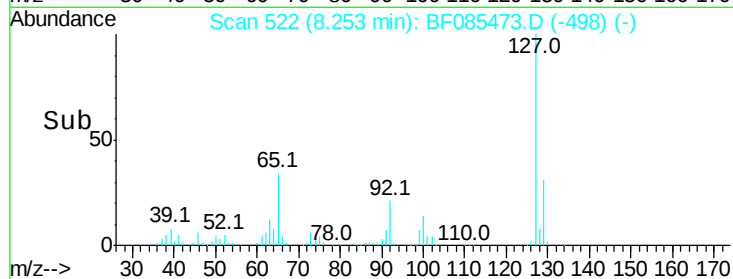
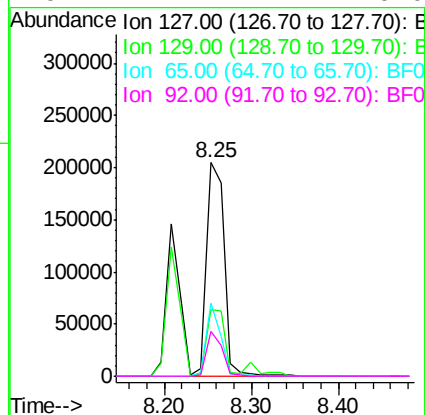
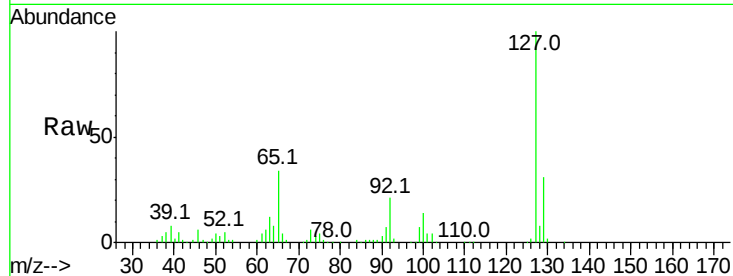
#33
4-Chloroaniline
Concen: 51.59 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.1	39.1		
65	34.1	27.0	40.6		
92	21.1	17.4	26.0		

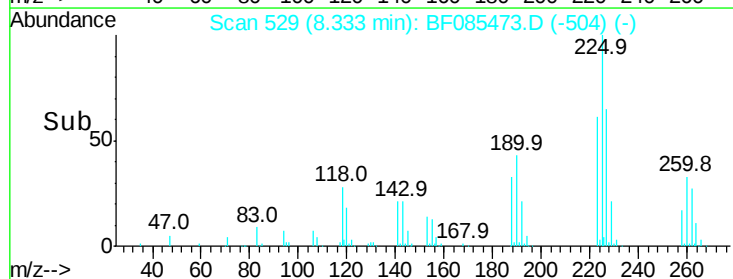
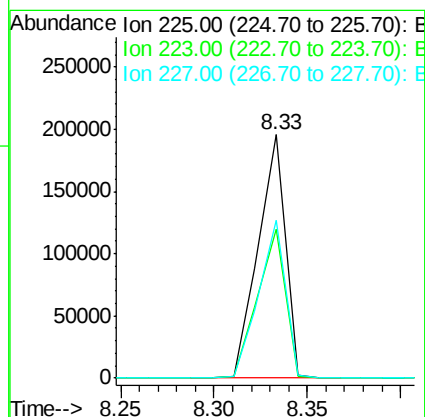
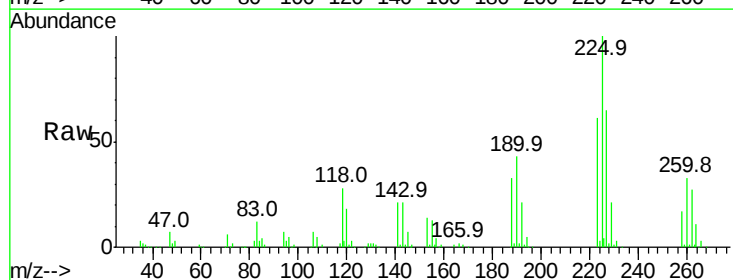
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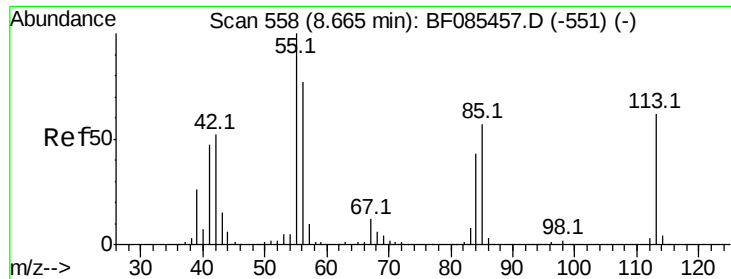
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#34
Hexachlorobutadiene
Concen: 92.85 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	49.7	74.5		
227	65.0	52.2	78.4		





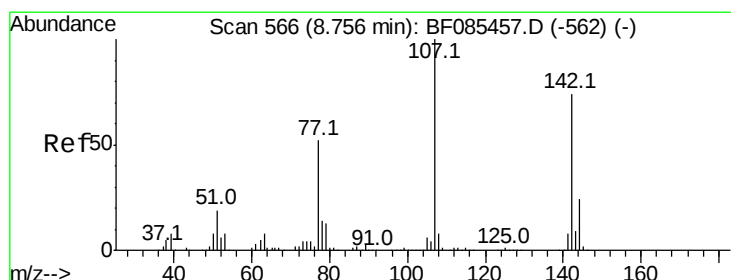
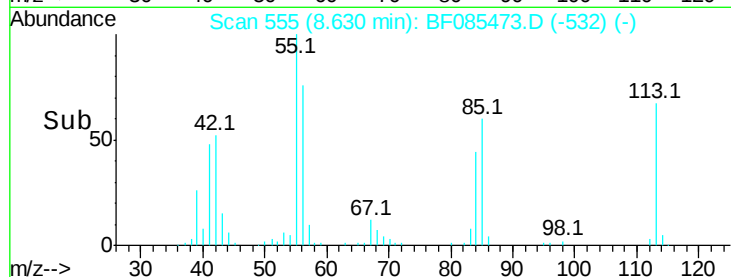
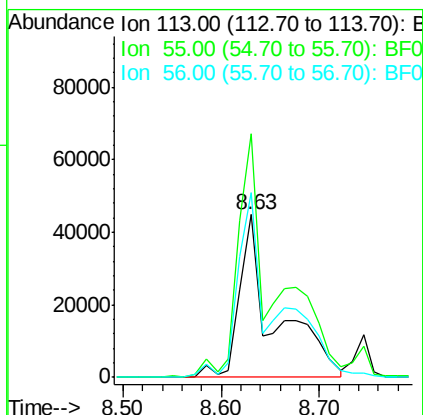
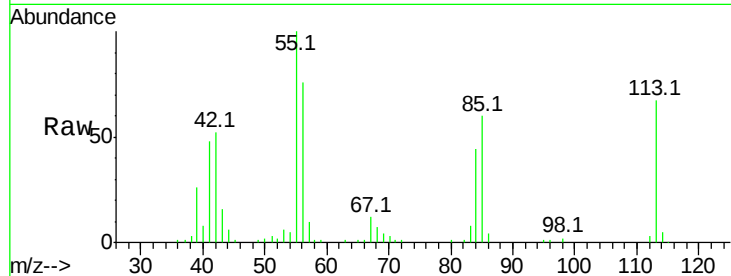
#35
 Caprolactam
 Concen: 96.18 ng/ml
 RT: 8.63 min Scan# 555
 Delta R.T. -0.03 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.7	152.7	192.7#
56	113.8	109.0	149.0

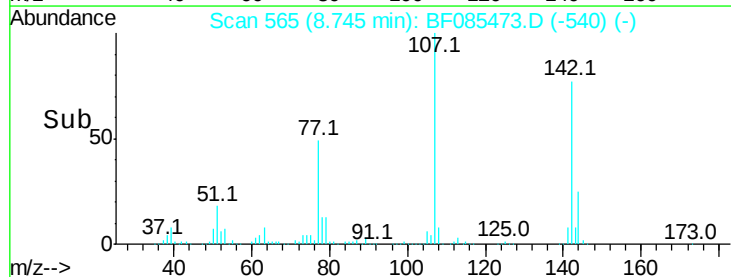
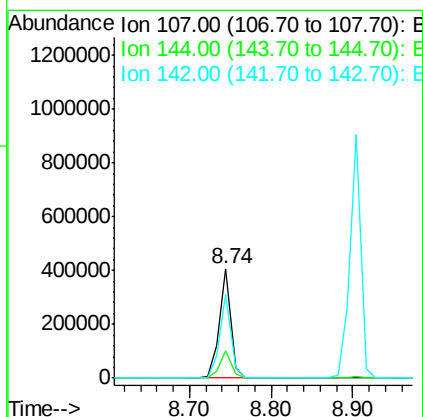
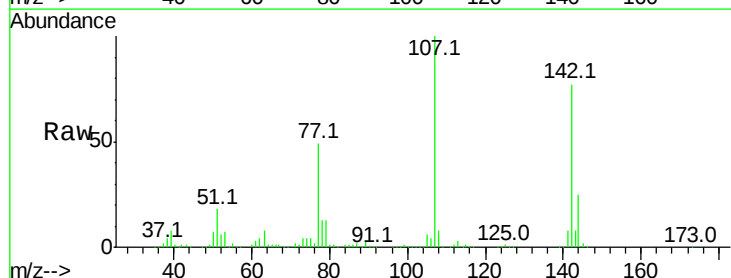
Manual Integrations
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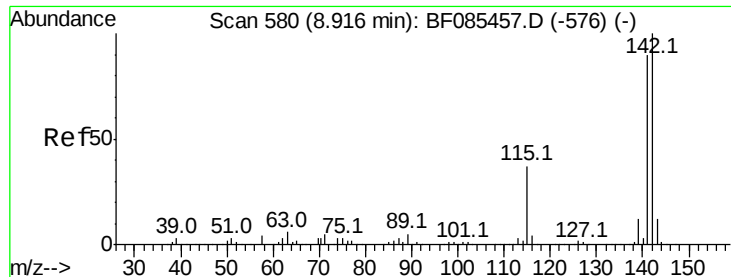
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#36
 4-Chloro-3-methylphenol
 Concen: 99.13 ng/ml
 RT: 8.74 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.4	29.2
142	76.6	59.4	89.2





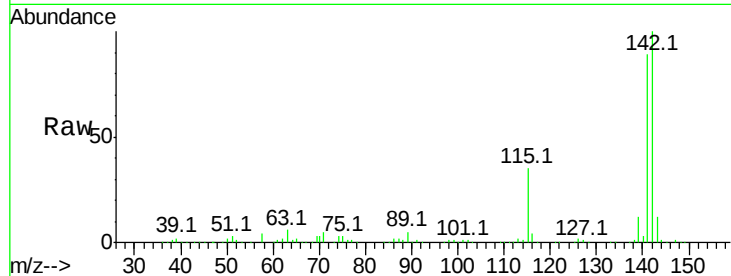
#37
2-Methylnaphthalene
Concen: 101.01 ng
RT: 8.90 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

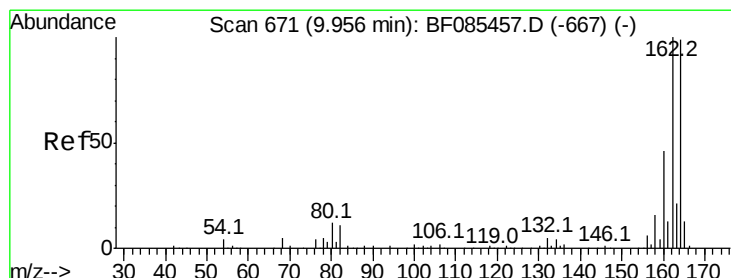
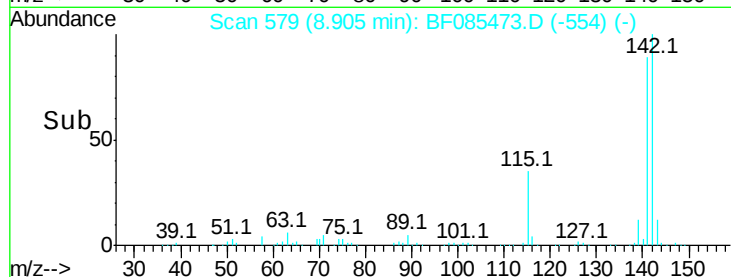
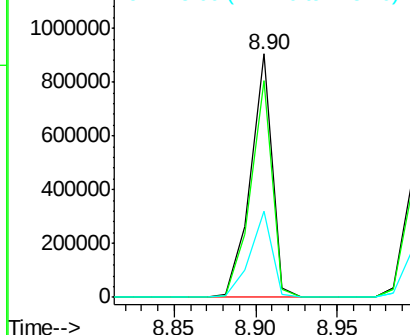
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	35.1	26.2	39.4

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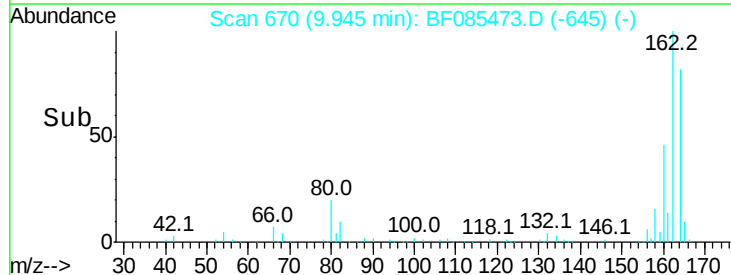
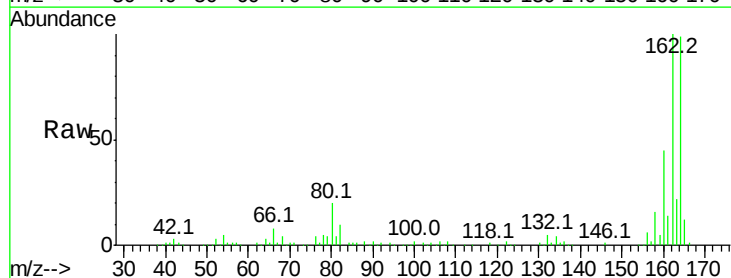
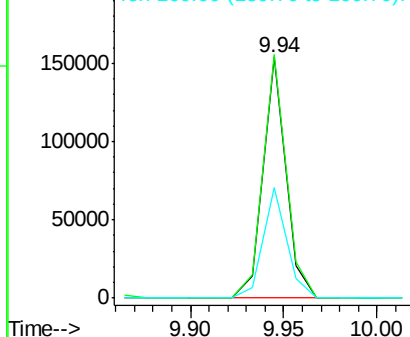
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

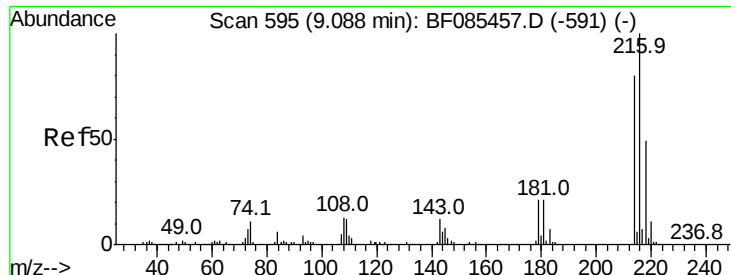


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.3	124.9
160	45.8	37.9	56.9

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





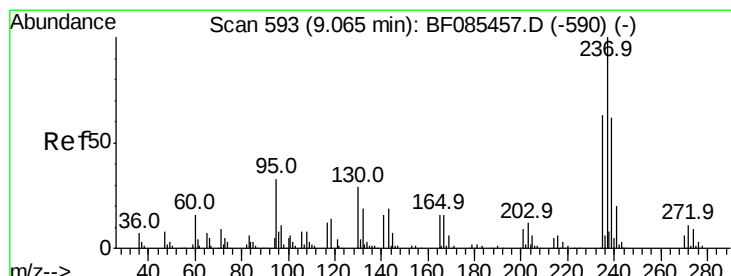
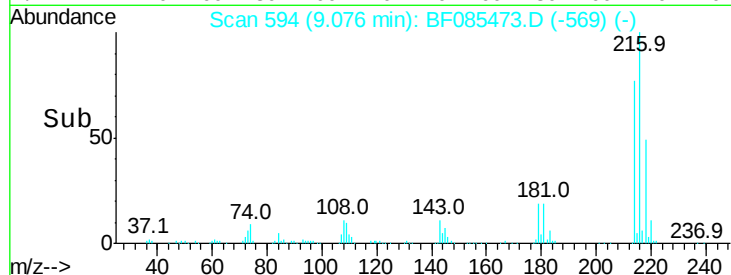
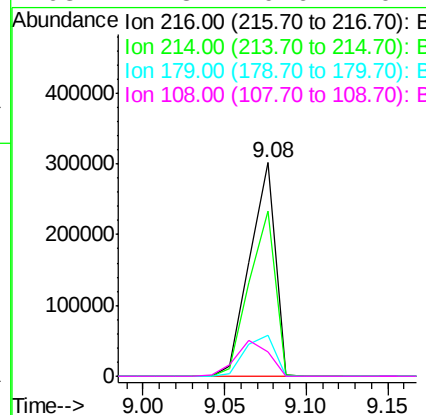
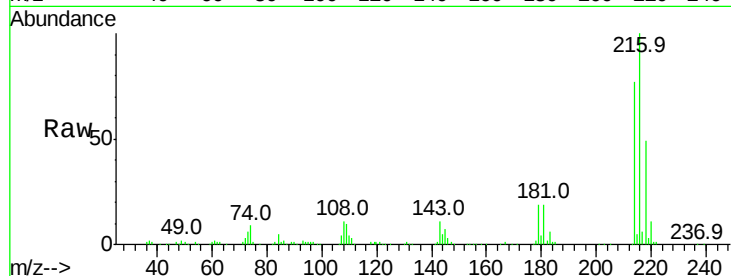
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 81.33 ng
 RT: 9.08 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.8	95.6
179	22.4	19.6	29.4
108	21.8	19.6	29.4

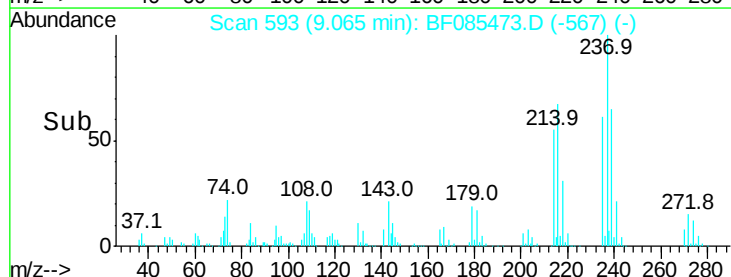
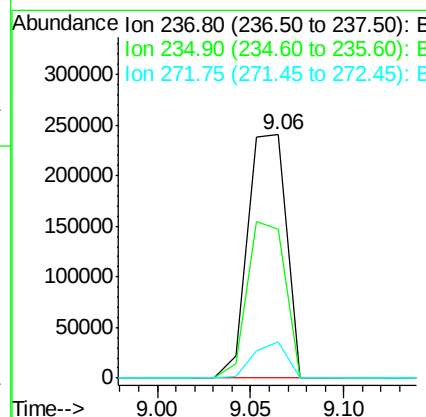
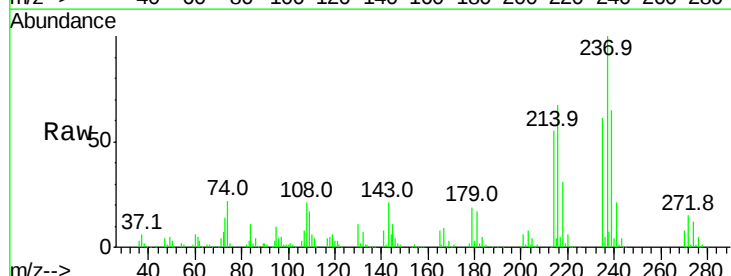
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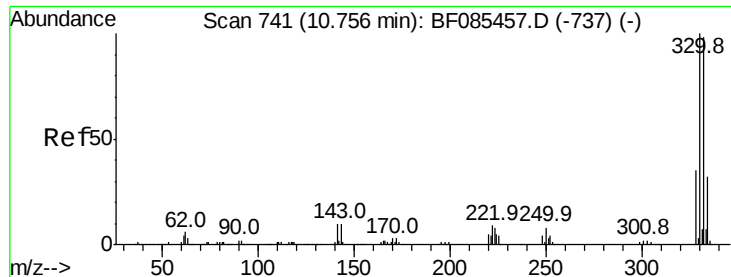
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#40
 Hexachlorocyclopentadiene
 Concen: 175.89 ng
 RT: 9.06 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	43.7	83.7
272	15.0	0.0	31.5





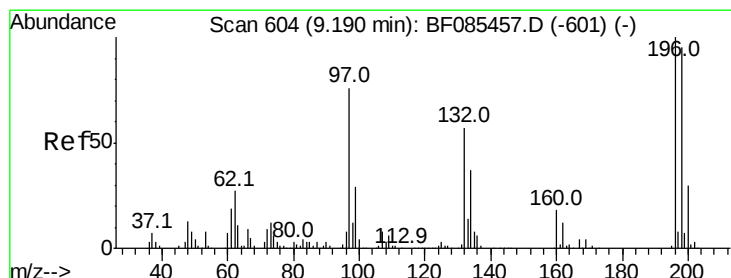
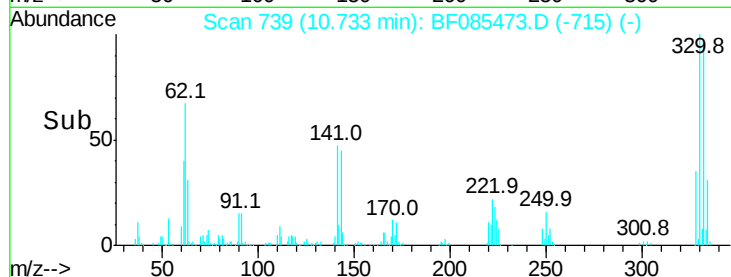
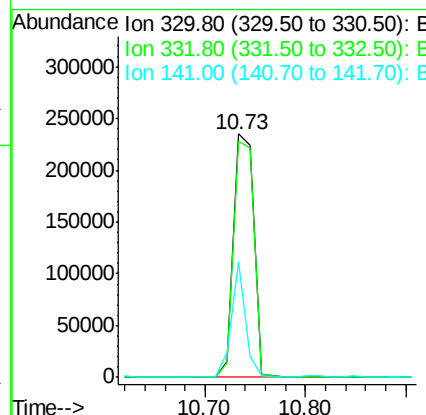
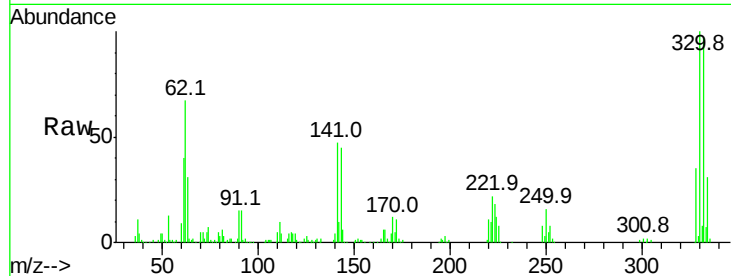
#41
 2,4,6-Tribromophenol
 Concen: 275.27 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	329612		
332	98.0	77.1	115.7	
141	33.0	35.0	52.6#	

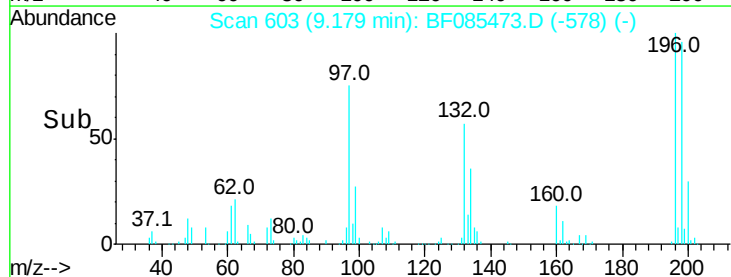
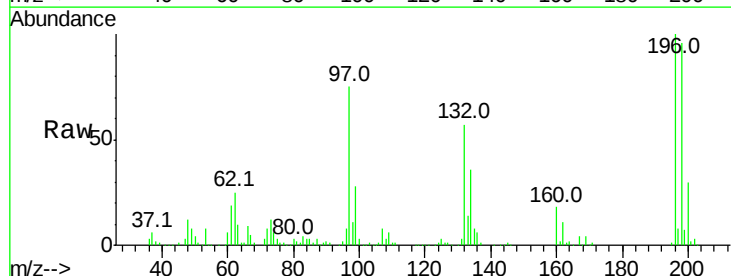
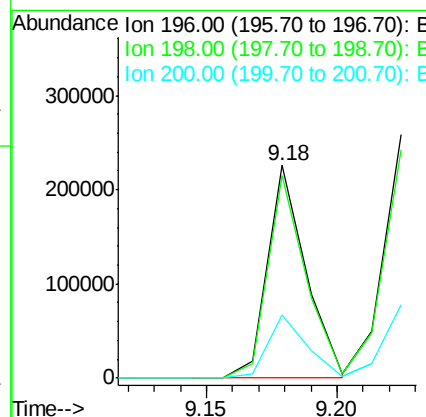
Manual Integrations
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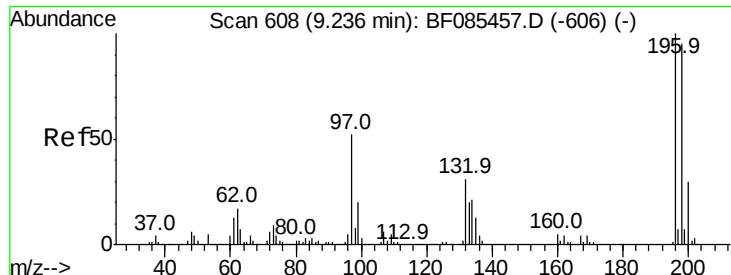
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#42
 2,4,6-Trichlorophenol
 Concen: 86.43 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230790		
198	95.5	77.8	116.6	
200	29.6	25.0	37.6	





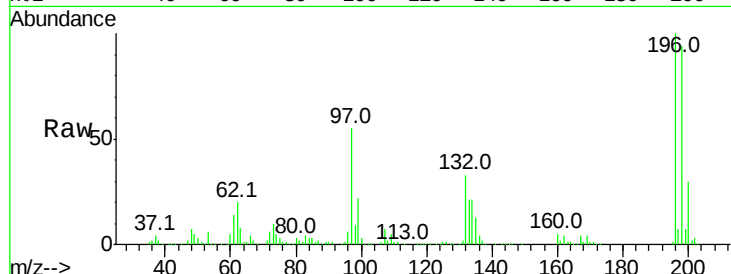
#43
 2,4,5-Trichlorophenol
 Concen: 92.26 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion:	196	Resp:	248862
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.7	113.5
97	55.5	46.4	69.6
132	32.7	26.2	39.4

Manual Integrations
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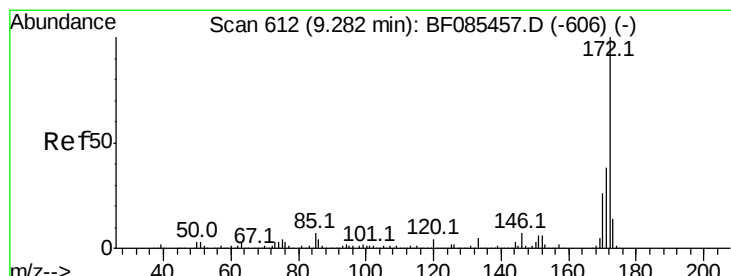
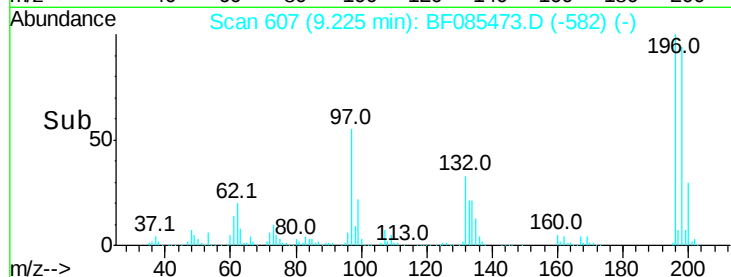
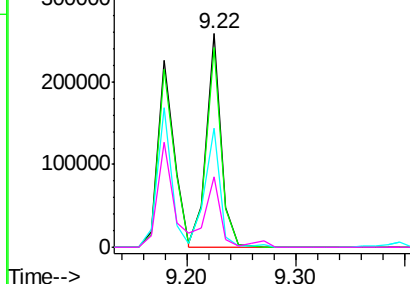
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 197.95 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

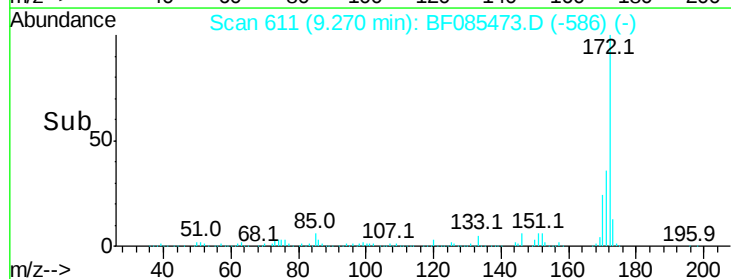
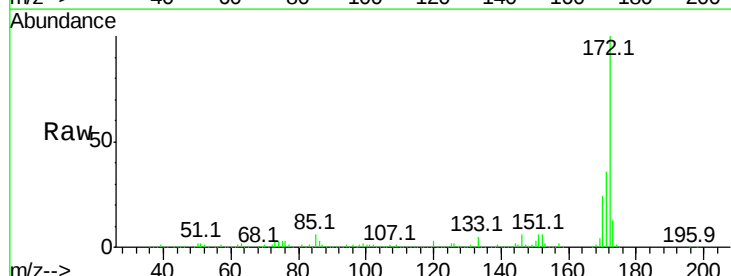
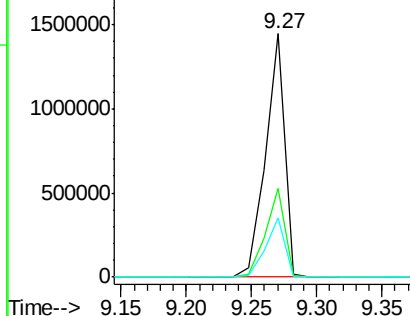
Tgt Ion:	172	Resp:	1483371
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.3	43.9
170	24.5	20.0	30.0

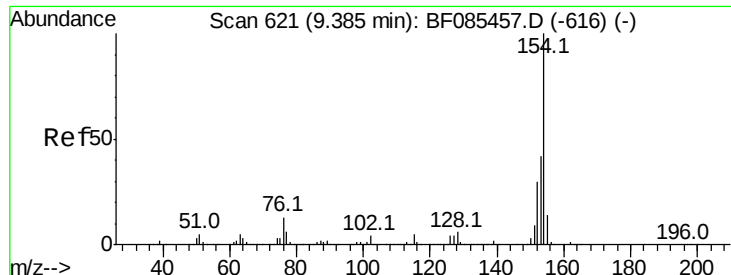
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 88.19 ng

RT: 9.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

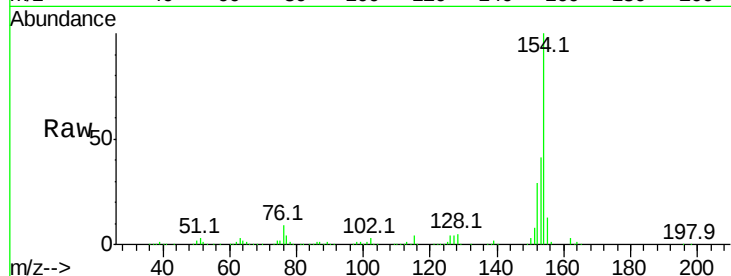
ClientSampled :

SB-1(8-9)MS

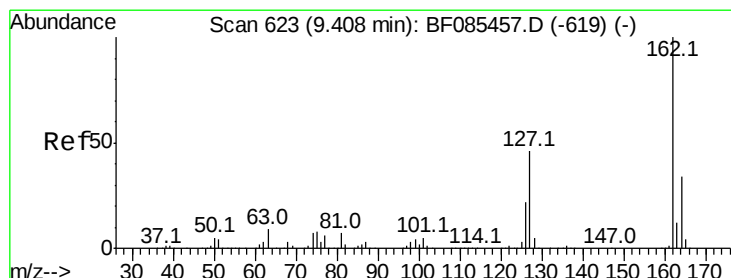
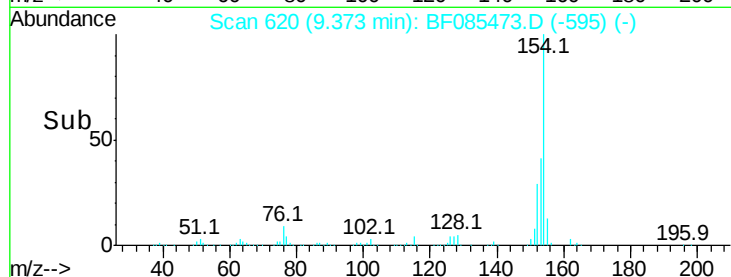
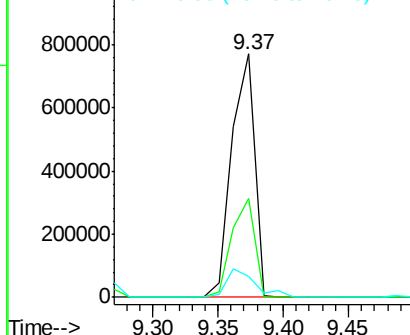
Tot Ion:	154	Resp:	935850
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.4	61.4
76	8.7	0.0	37.5

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



#46

2-Chloronaphthalene

Concen: 96.53 ng

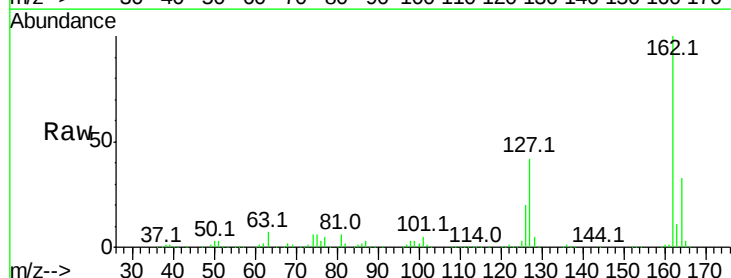
RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

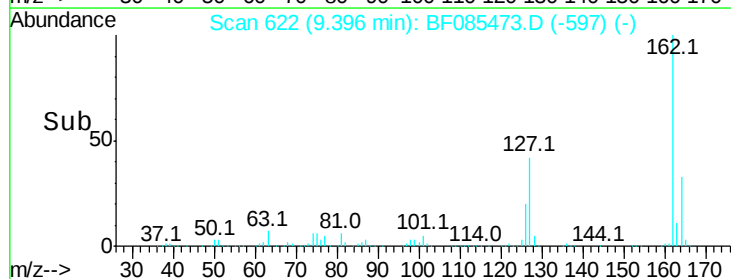
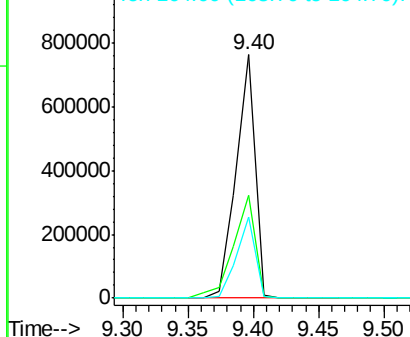
Lab File: BF085473.D

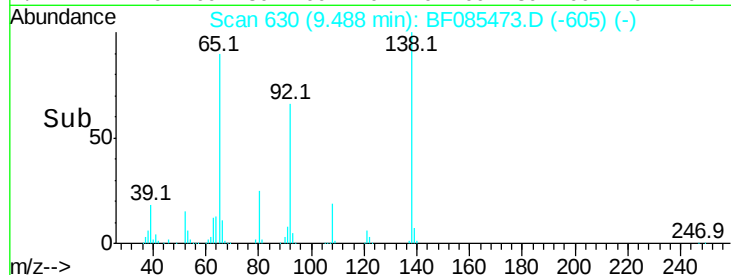
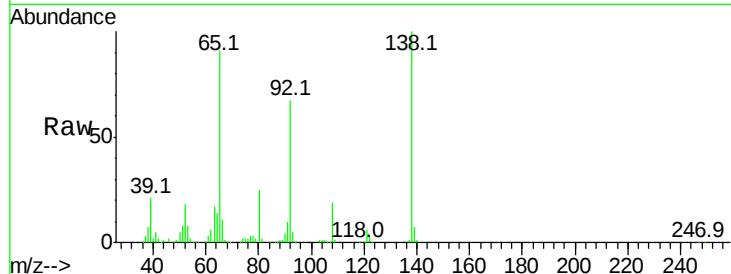
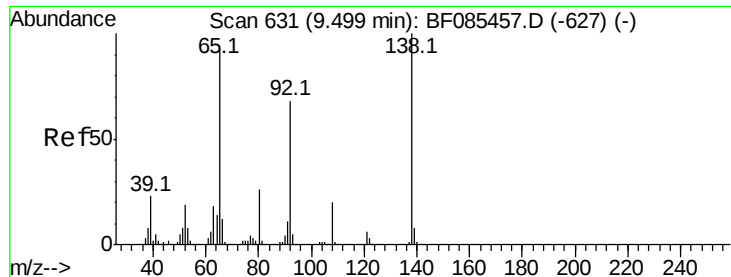
Acq: 16 Mar 2016 20:35

Tgt Ion:	162	Resp:	767475
Ion Ratio	Lower	Upper	
162	100		
127	42.1	31.6	47.4
164	33.2	27.1	40.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





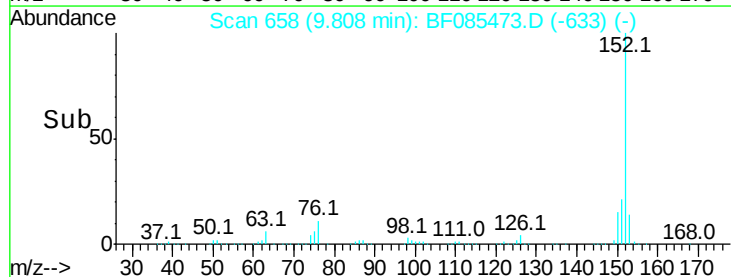
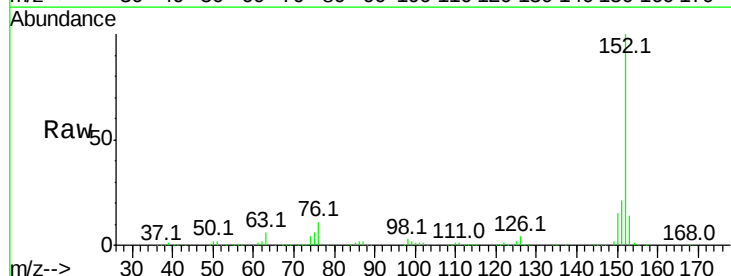
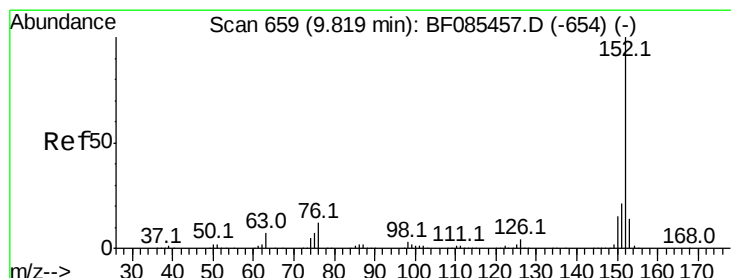
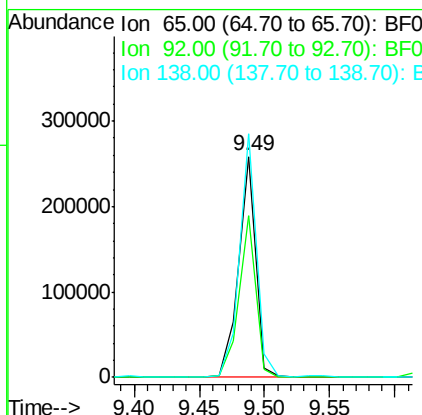
#47
2-Nitroaniline
Concen: 96.79 ng
RT: 9.49 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.4	83.2
138	110.1	75.7	113.5

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

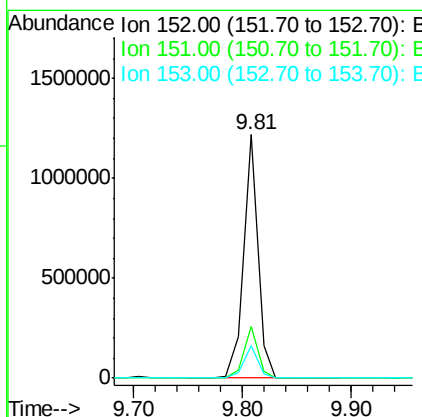
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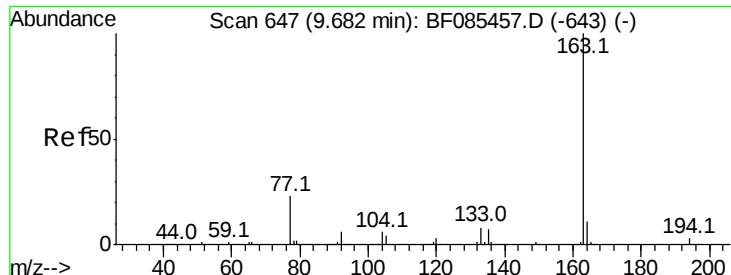
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#48
Acenaphthylene
Concen: 85.50 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.5	26.3
153	13.6	11.3	16.9





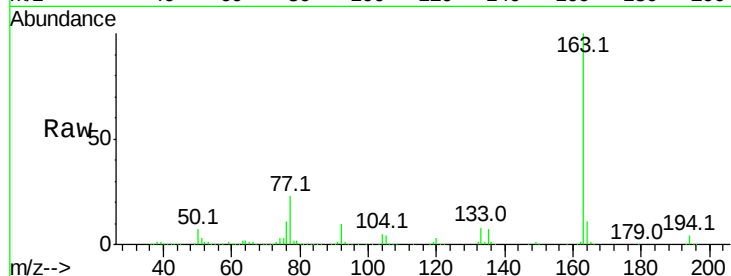
#49
Dimethylphthalate
Concen: 108.25 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

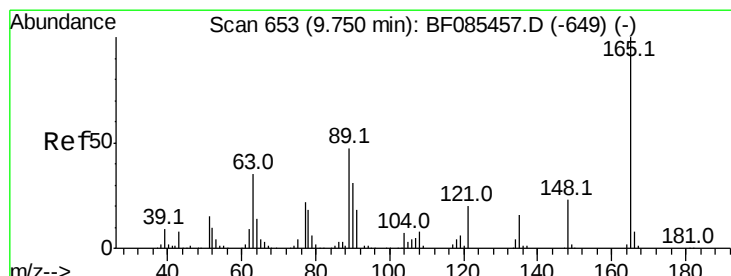
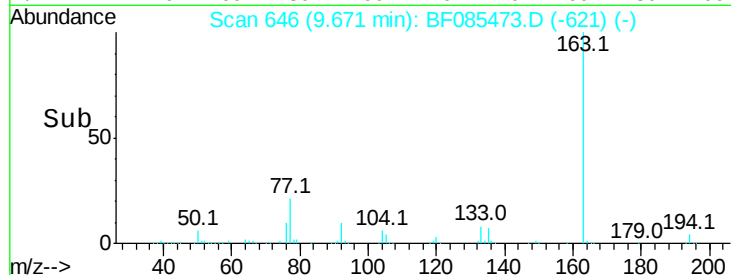
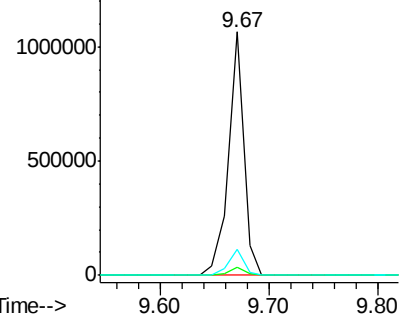
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.6	8.2	12.4

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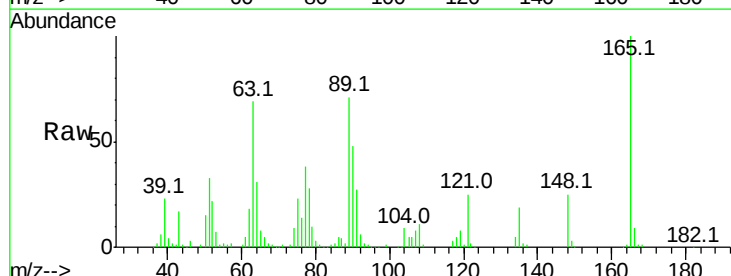


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

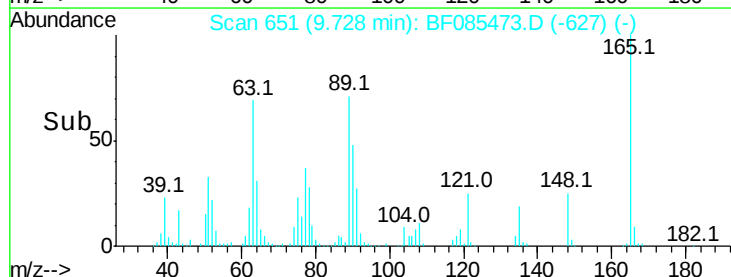
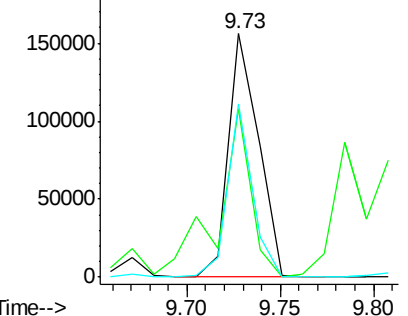


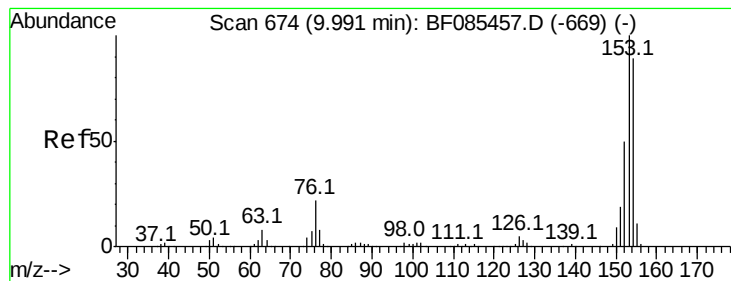
#50
2,6-Dinitrotoluene
Concen: 83.27 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.2	41.8	62.8#
89	71.3	46.7	70.1#



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





#51

Acenaphthene

Concen: 90.33 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

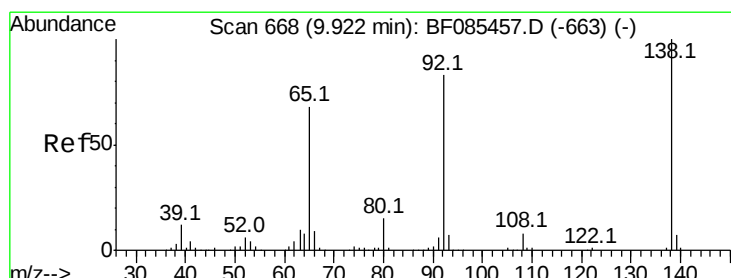
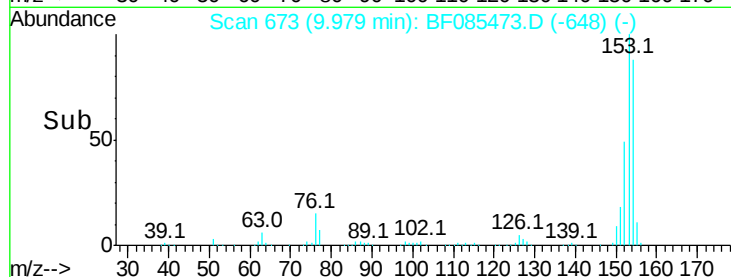
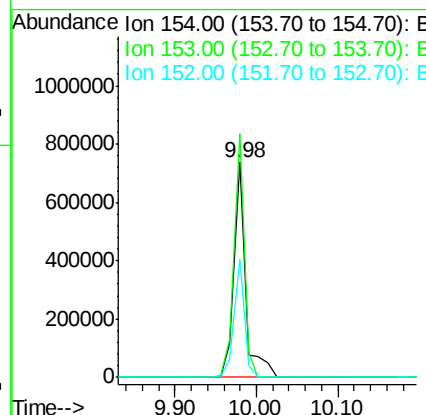
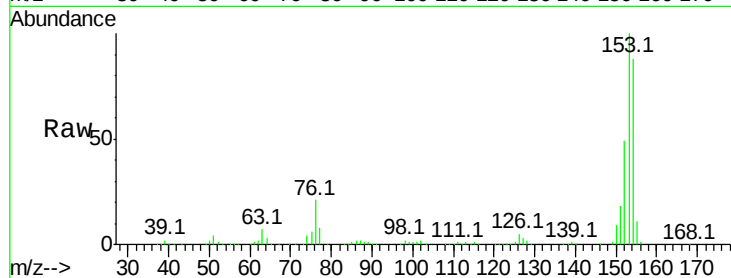
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	154	Resp:	730477
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.8
152	55.2	44.6	66.8

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#52

3-Nitroaniline

Concen: 71.91 ng

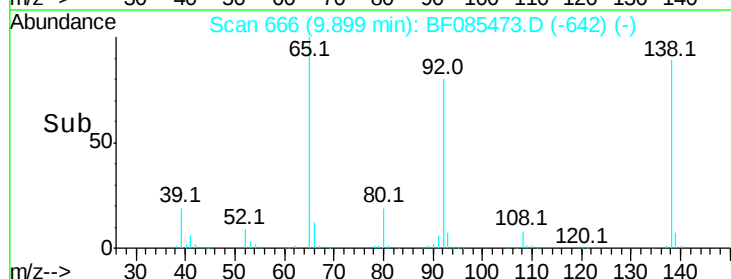
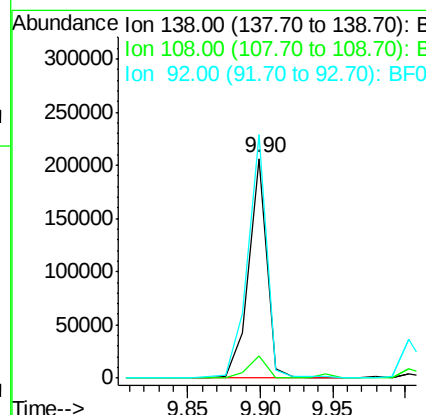
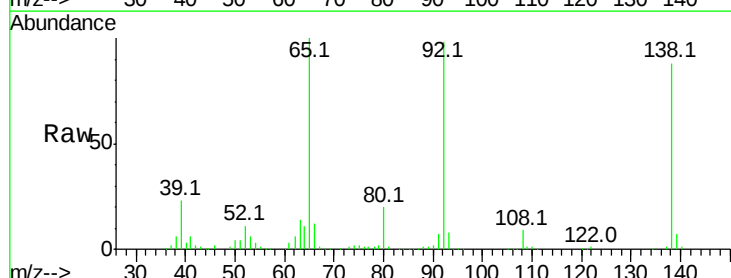
RT: 9.90 min Scan# 666

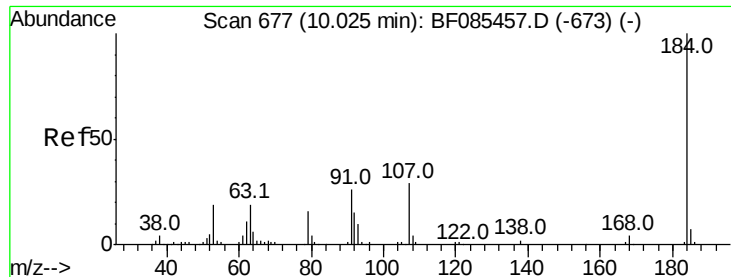
Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	138	Resp:	180179
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.6
92	110.7	81.3	121.9





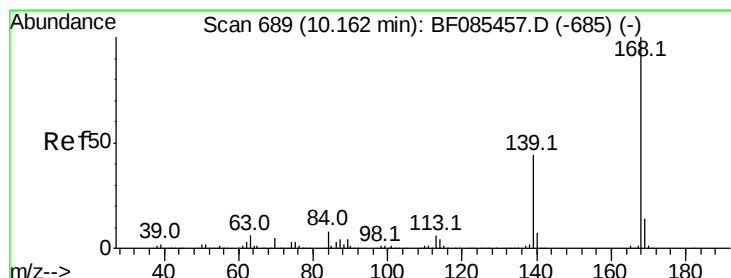
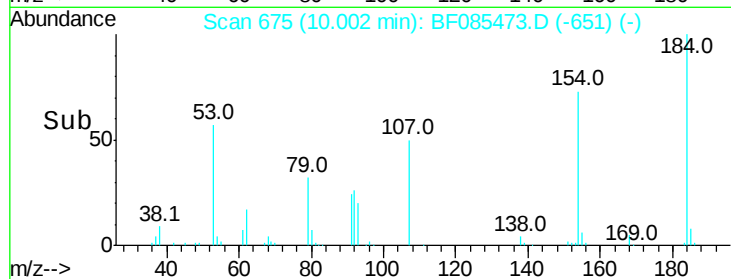
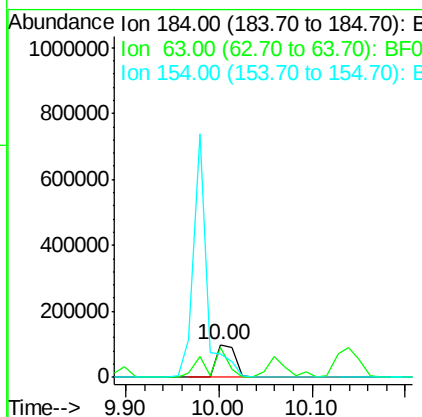
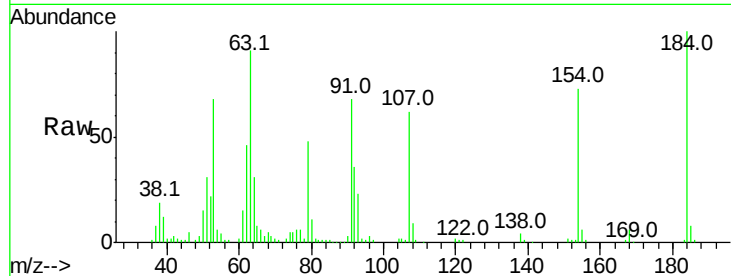
#53
 2,4-Dinitrophenol
 Concen: 118.29 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	91.4	82.2	123.4	
154	73.3	108.9	163.3	

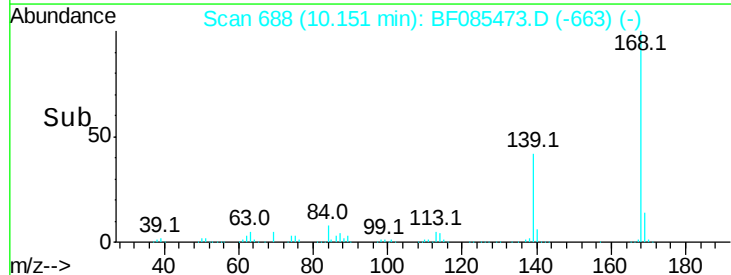
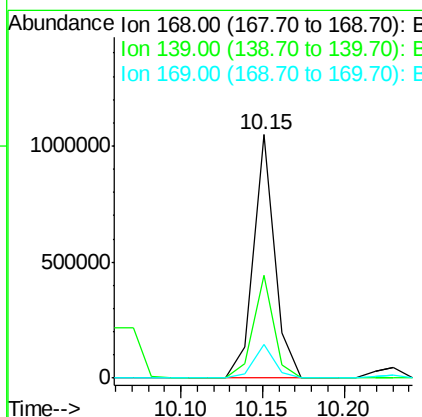
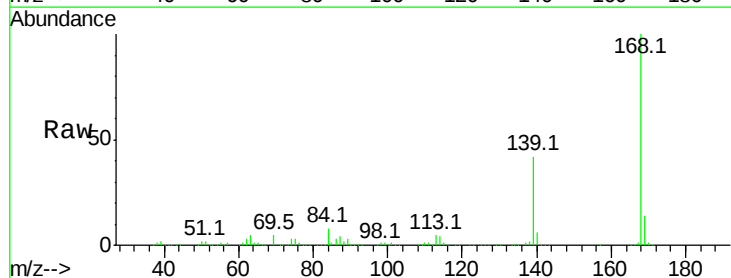
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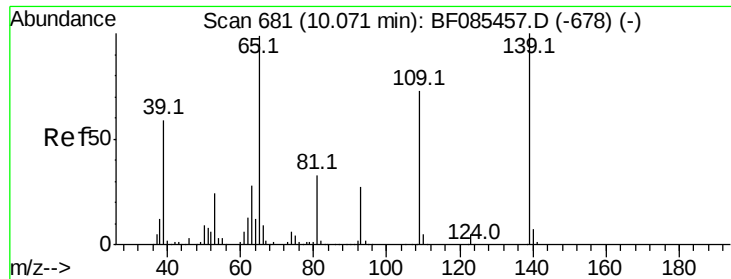
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#54
 Dibenzofuran
 Concen: 96.02 ng
 RT: 10.15 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.3	33.6	50.4	
169	13.9	11.2	16.8	





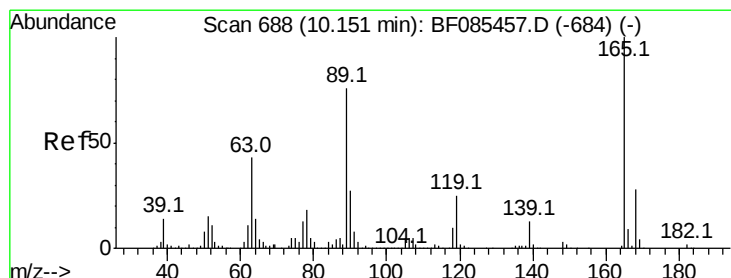
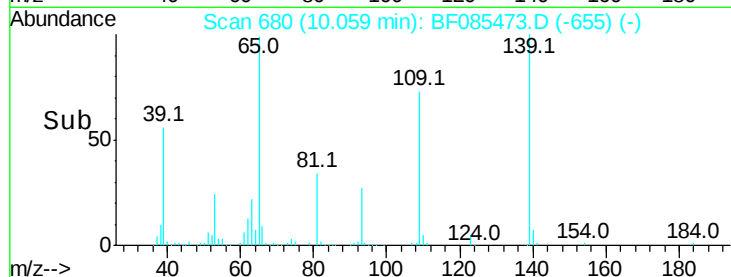
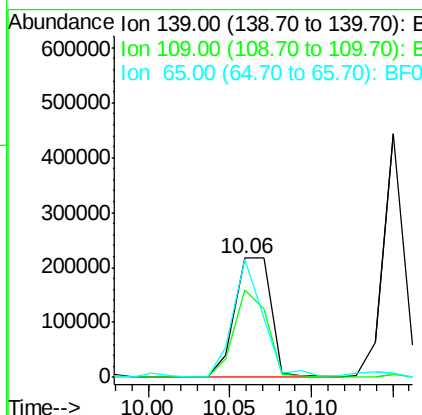
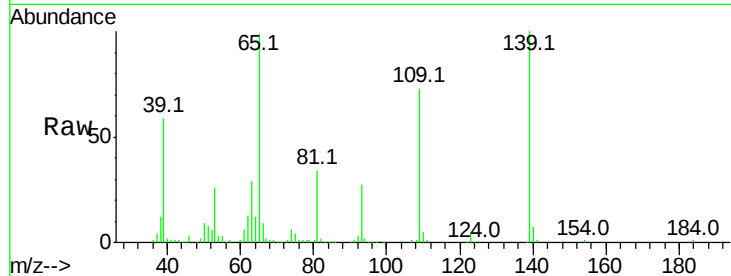
#55
4-Nitrophenol
Concen: 194.69 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.1	41.9	81.9	
65	99.2	48.3	88.3#	

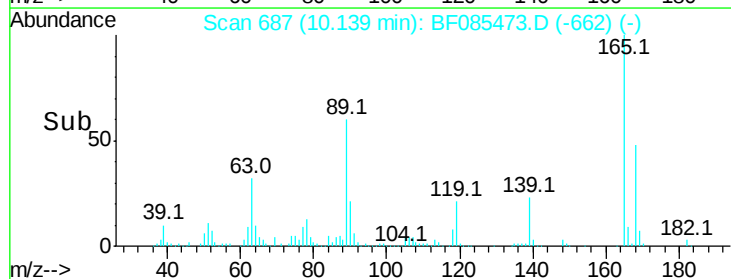
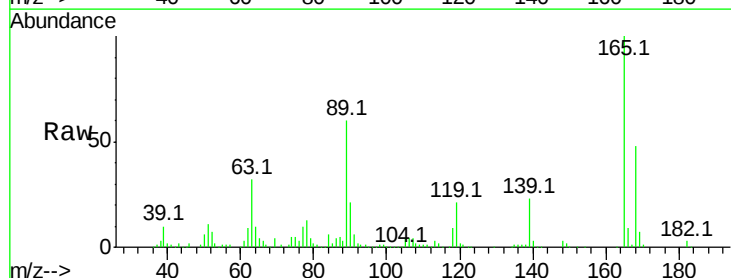
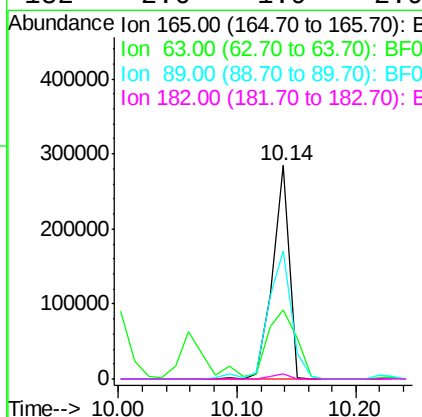
Manual Integrations
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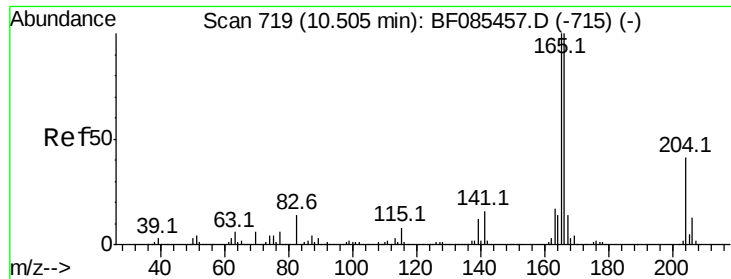
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#56
2,4-Dinitrotoluene
Concen: 106.89 ng
RT: 10.14 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.4	35.4	53.0#	
89	60.1	61.9	92.9#	
182	2.6	1.9	2.9	





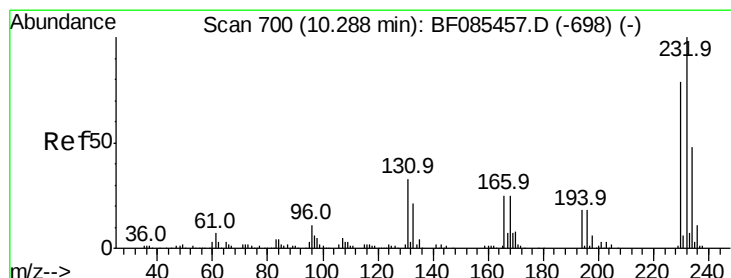
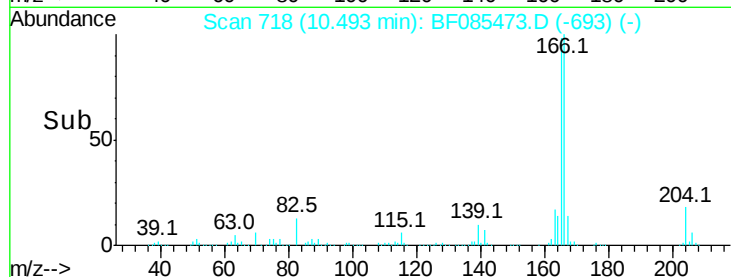
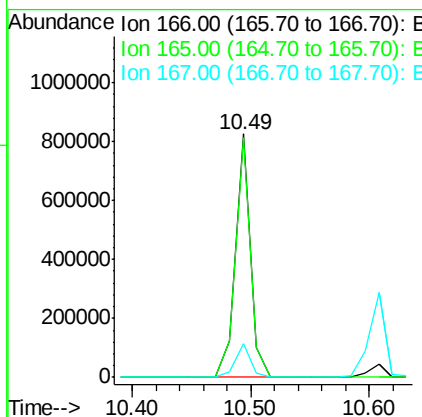
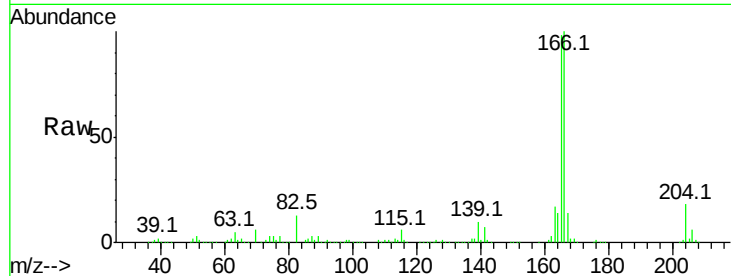
#57
 Fluorene
 Concen: 91.82 ng
 RT: 10.49 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.0
167	13.7	11.0	16.6

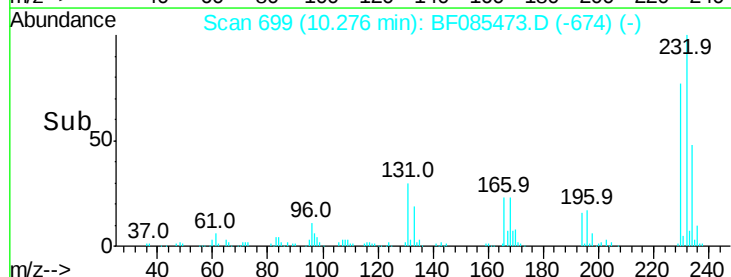
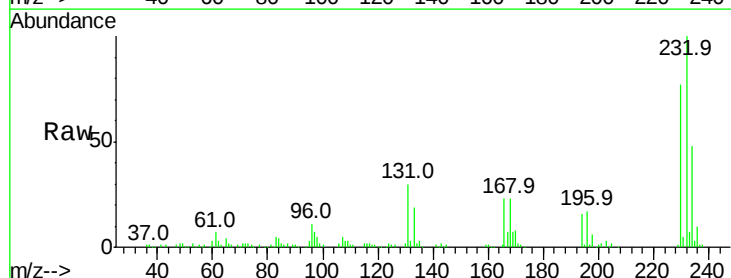
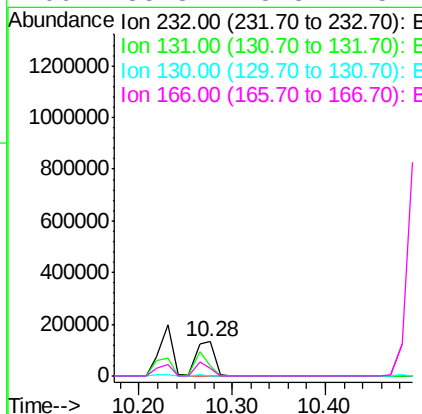
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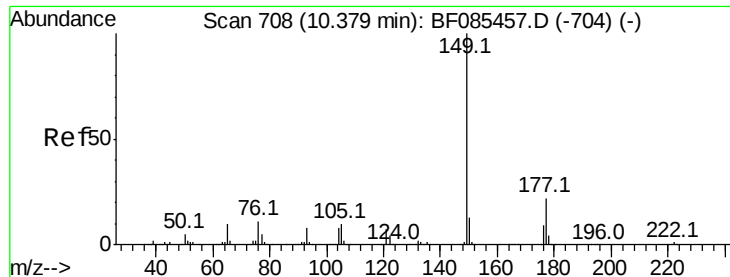
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 99.68 ng
 RT: 10.28 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.4	46.0	69.0
130	2.7	2.2	3.4
166	33.3	28.8	43.2





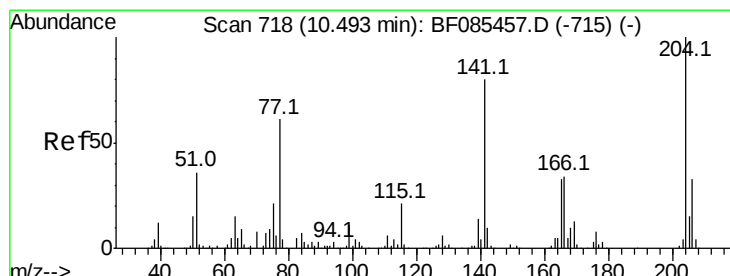
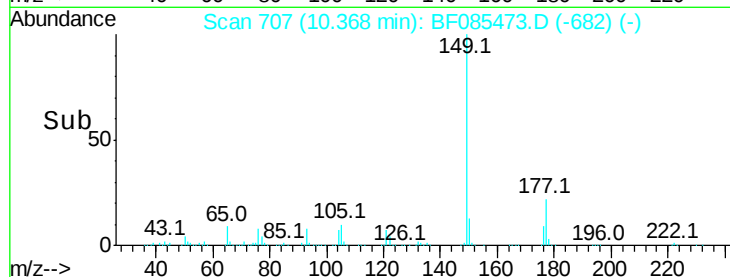
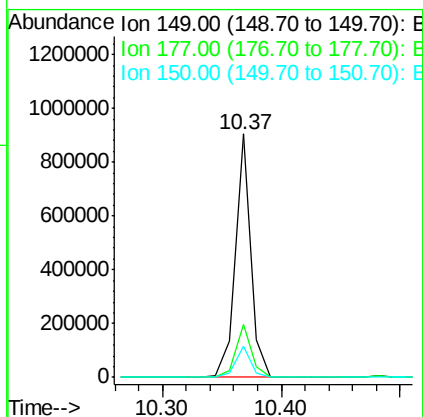
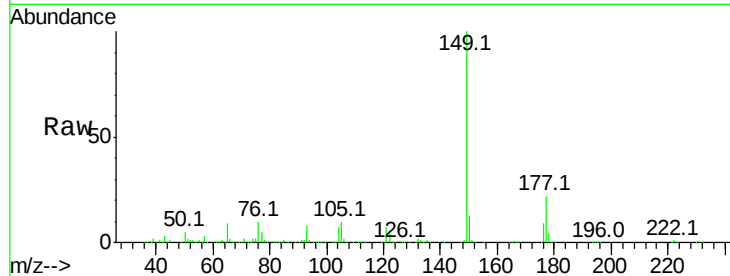
#59
Diethylphthalate
Concen: 89.10 ng
RT: 10.37 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.8	19.2	28.8	
150	13.0	9.9	14.9	

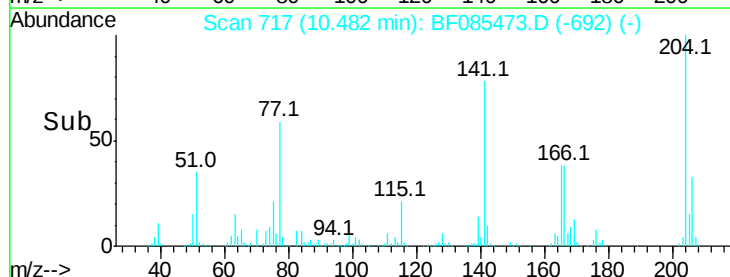
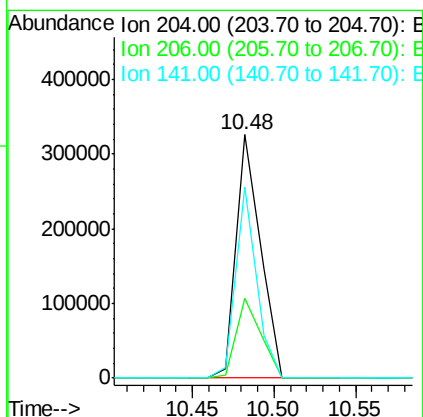
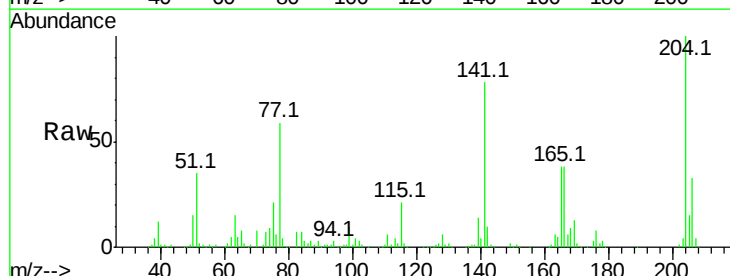
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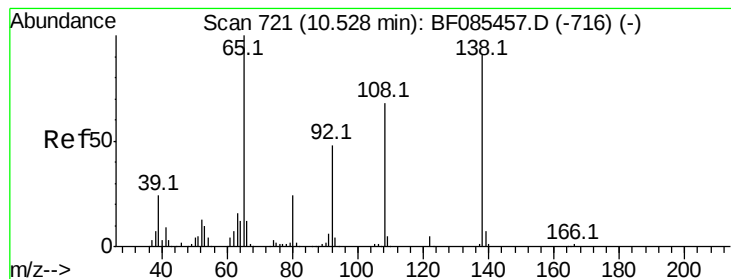
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 81.85 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.7	26.5	39.7	
141	78.5	55.4	83.2	





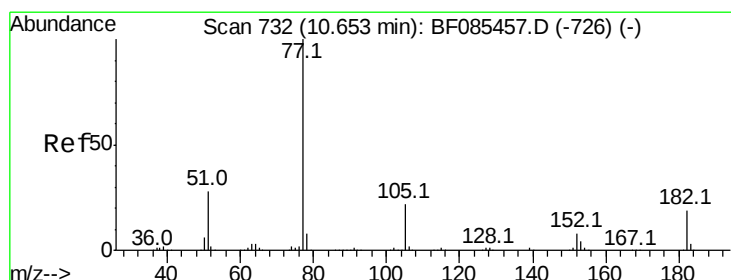
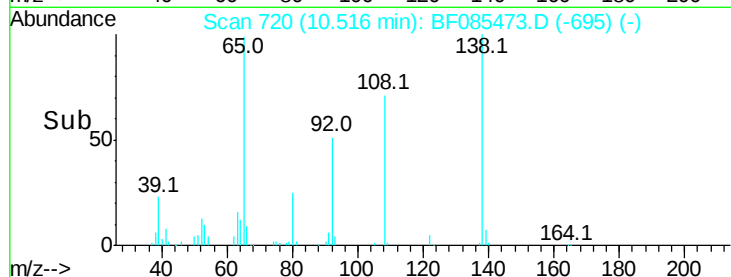
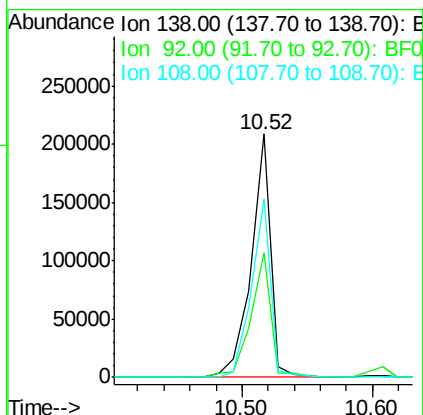
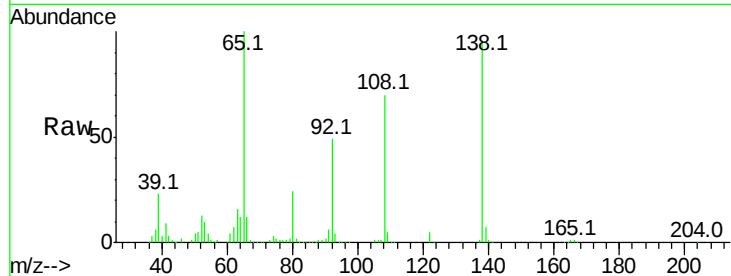
#61
4-Nitroaniline
Concen: 92.30 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	34.2	74.2
108	73.3	53.9	93.9

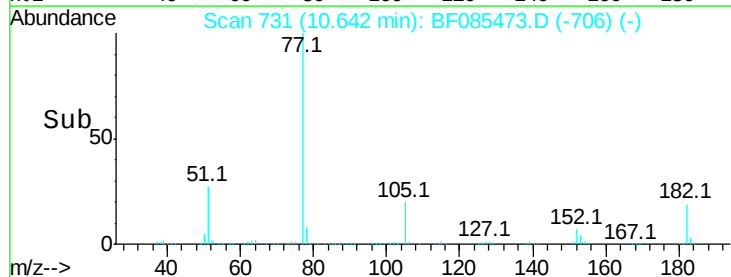
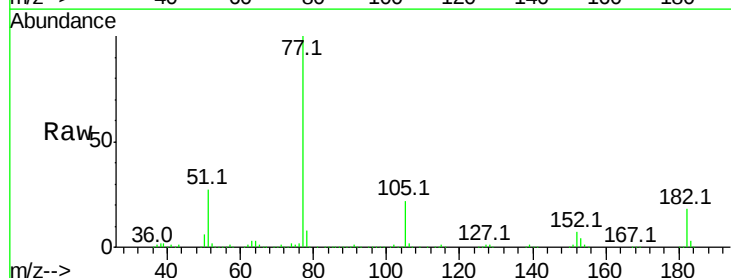
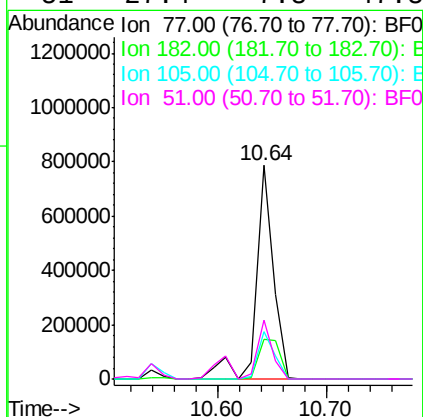
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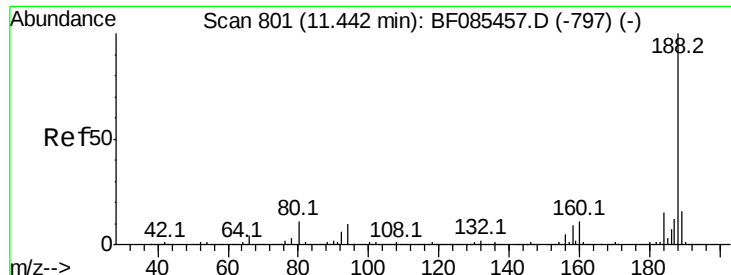
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#62
Azobenzene
Concen: 97.08 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.4	2.1	42.1
105	22.2	3.8	43.8
51	27.4	7.8	47.8





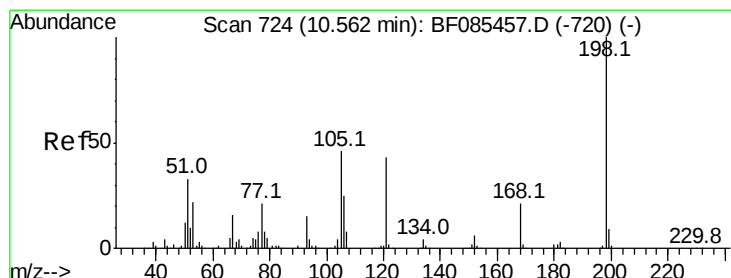
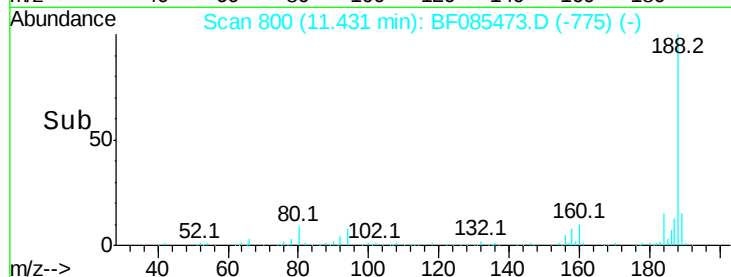
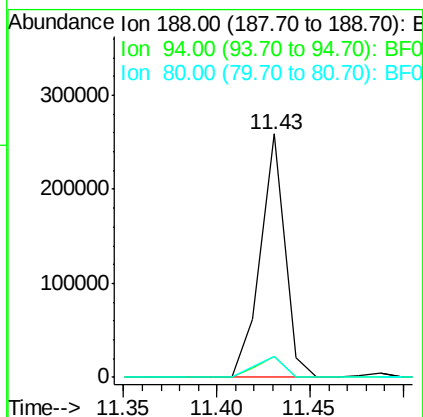
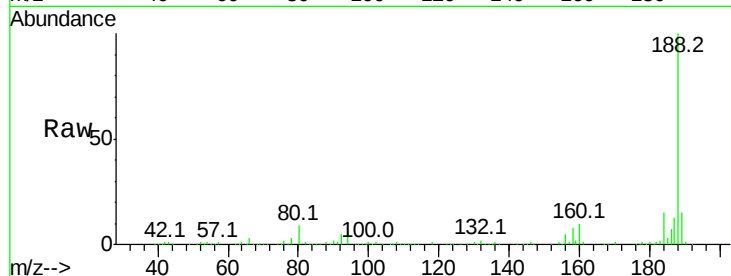
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.5	7.4	11.0

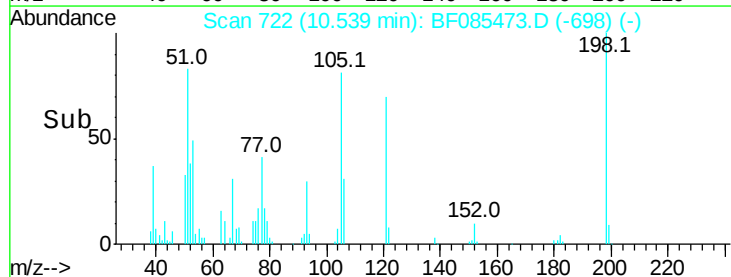
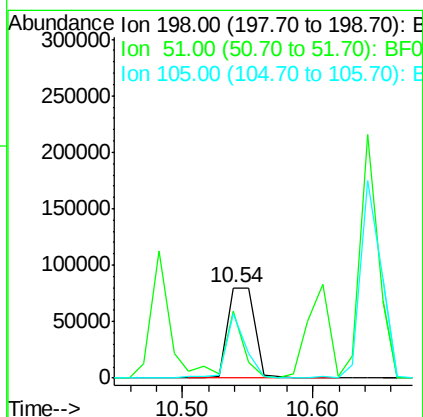
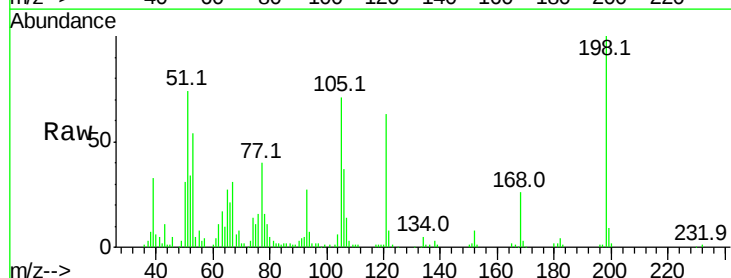
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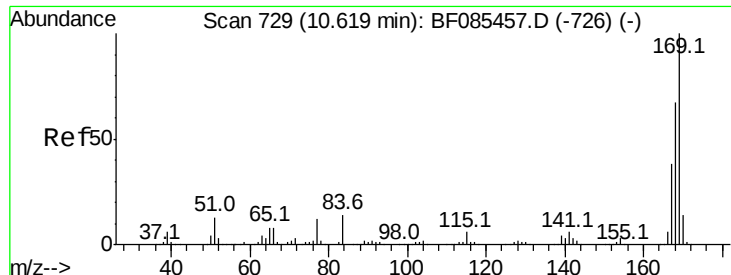
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#64
4,6-Dinitro-2-methylphenol
Concen: 81.34 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	73.7	9.5	49.5#
105	71.4	20.5	60.5#





#65

n-Nitrosodiphenylamine

Concen: 99.08 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

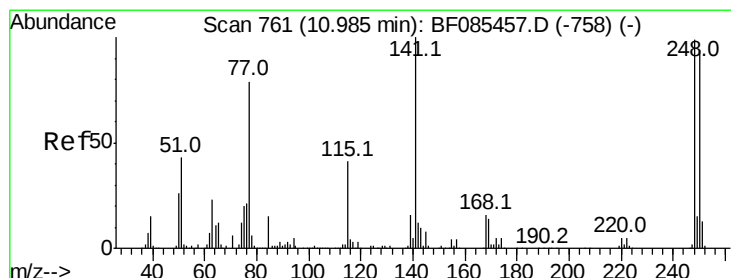
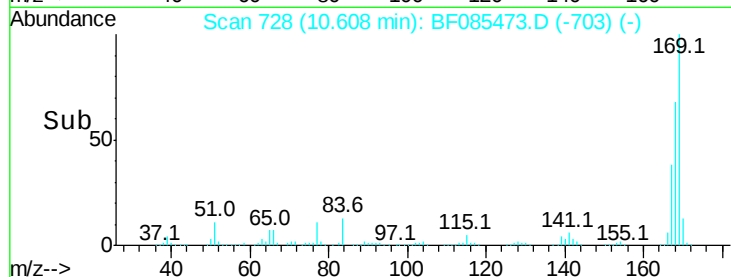
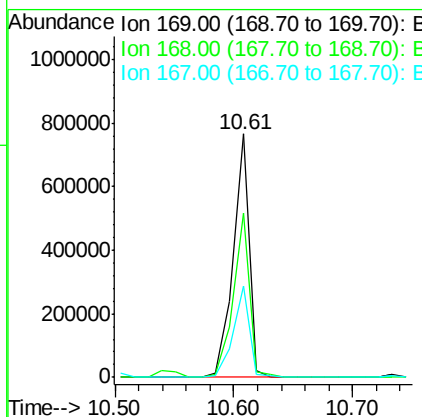
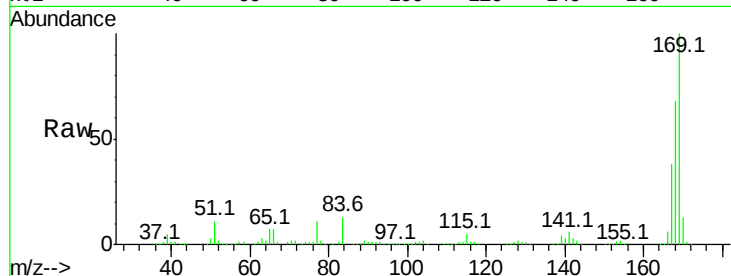
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	169	Resp:	717424
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.8	82.2
167	37.7	30.3	45.5

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#66

4-Bromophenyl-phenylether

Concen: 87.32 ng

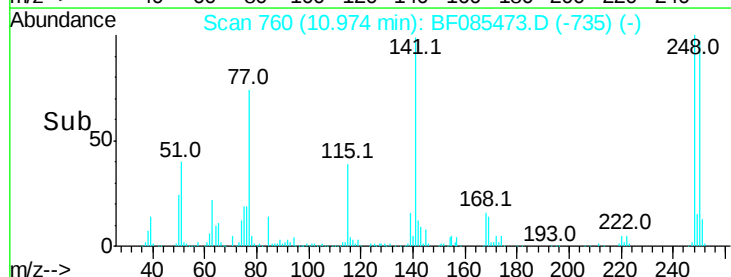
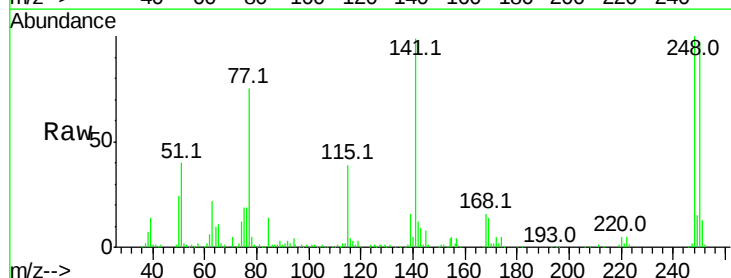
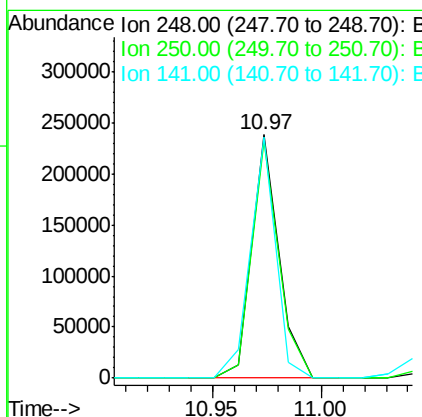
RT: 10.97 min Scan# 760

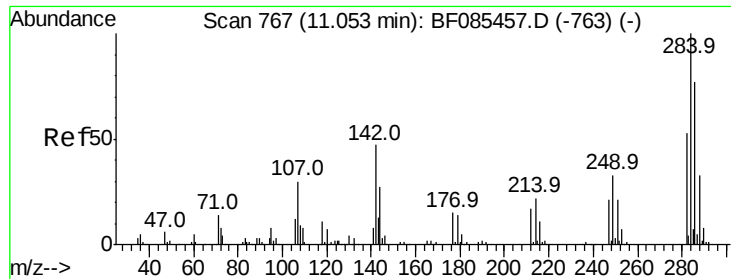
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	248	Resp:	207642
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.1	115.7
141	99.0	66.2	99.2





#67

Hexachlorobenzene

Concen: 91.48 ng

RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

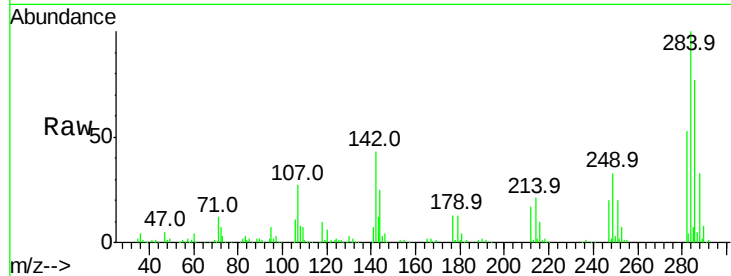
ClientSampleId :

SB-1(8-9)MS

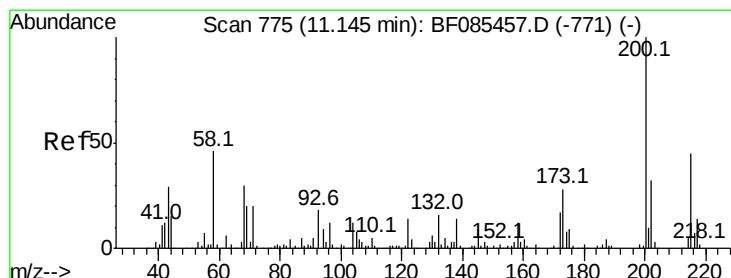
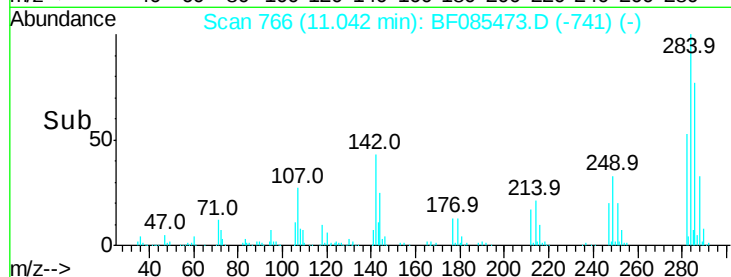
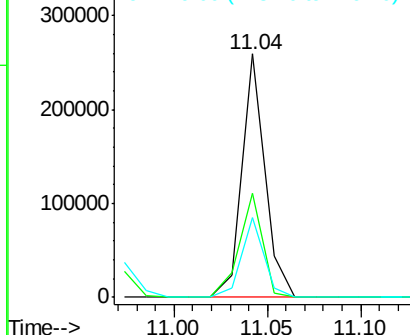
Tot Ion:	284	Resp:	224462
Ion Ratio		Lower	Upper
284	100		
142	42.7	24.9	37.3#
249	32.6	25.0	37.4

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



#68

Atrazine

Concen: 111.17 ng

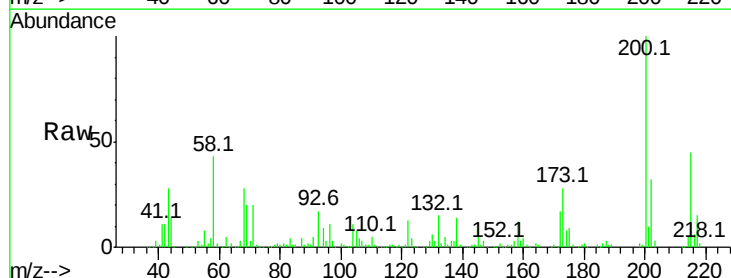
RT: 11.13 min Scan# 774

Delta R.T. -0.01 min

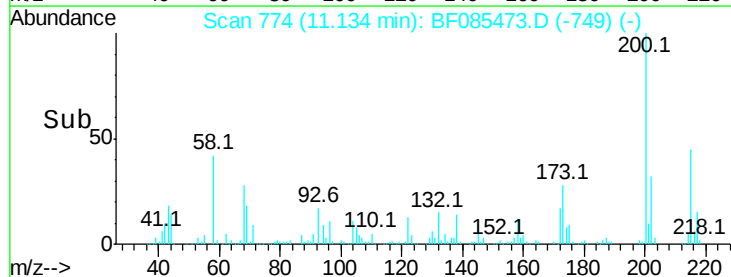
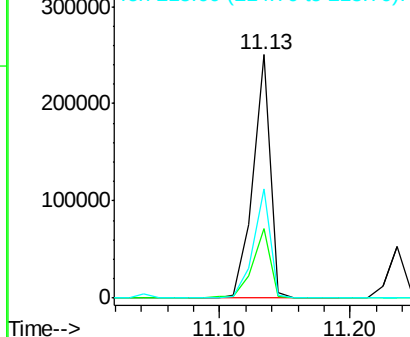
Lab File: BF085473.D

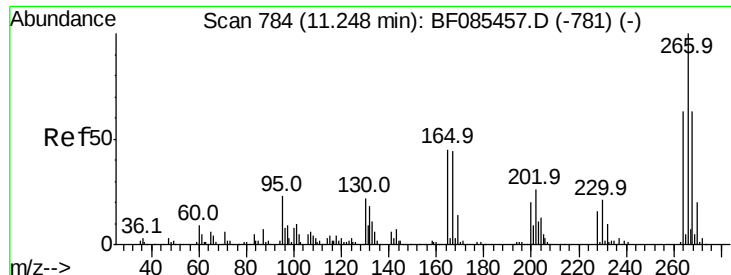
Acq: 16 Mar 2016 20:35

Tgt Ion:	200	Resp:	230334
Ion Ratio		Lower	Upper
200	100		
173	28.5	10.5	50.5
215	44.9	23.4	63.4



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





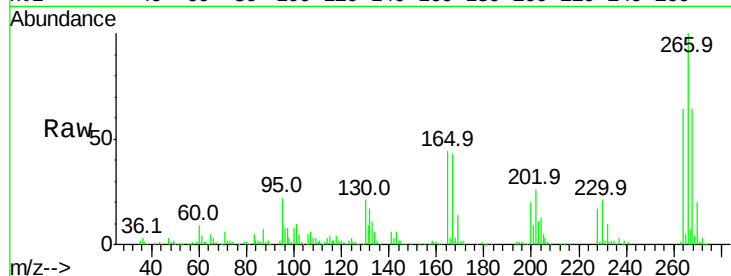
#69
 Pentachlorophenol
 Concen: 182.91 ng
 RT: 11.24 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

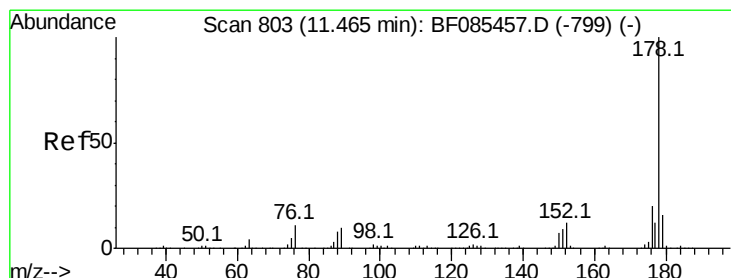
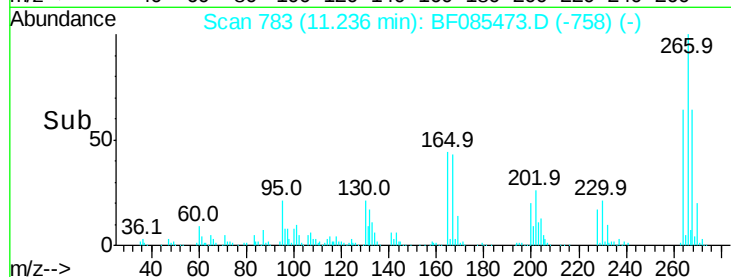
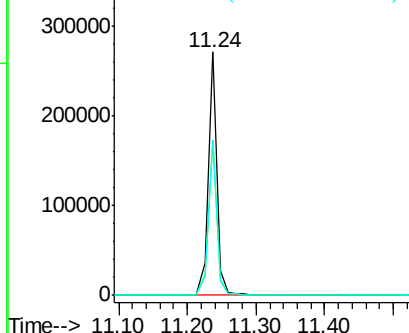
Tot Ion	Ratio	Resp	Lower	Upper
266	100	237898		
268	63.7	50.0	75.0	
264	63.9	51.4	77.2	

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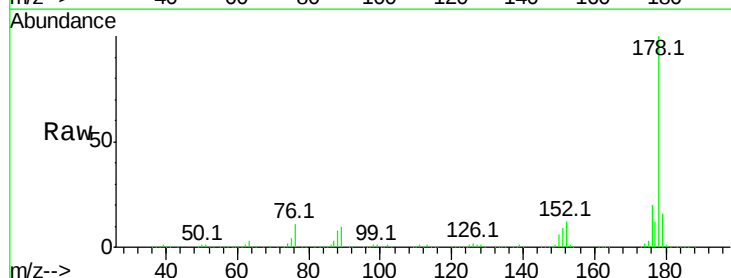


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

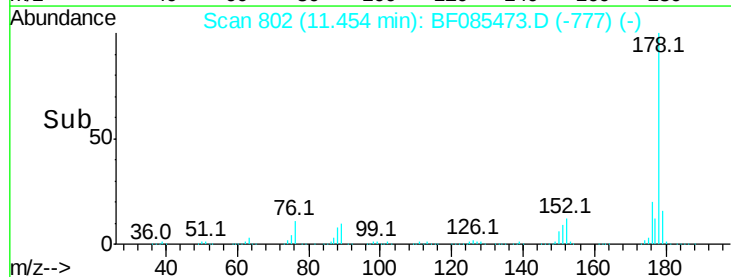
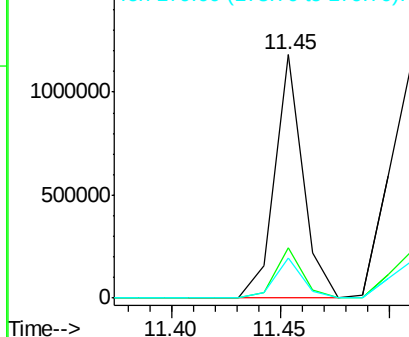


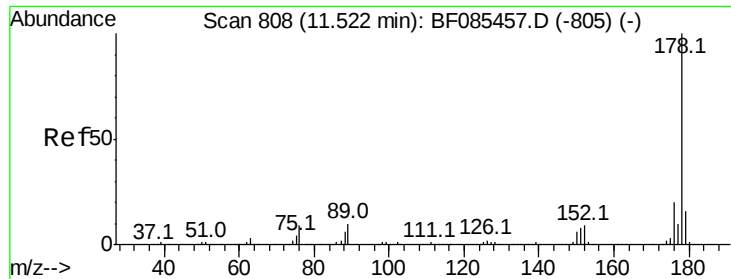
#70
 Phenanthrene
 Concen: 87.79 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1074381		
176	20.4	16.8	25.2	
179	16.2	13.1	19.7	



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





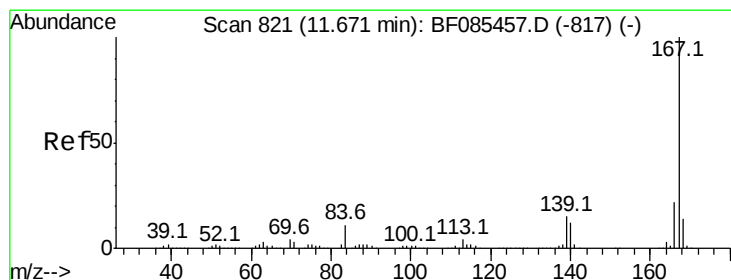
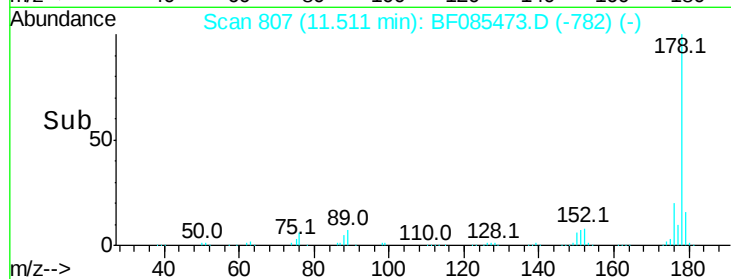
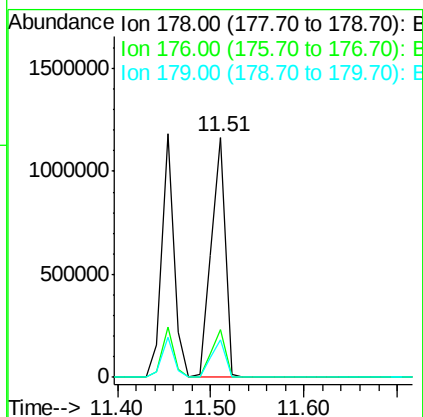
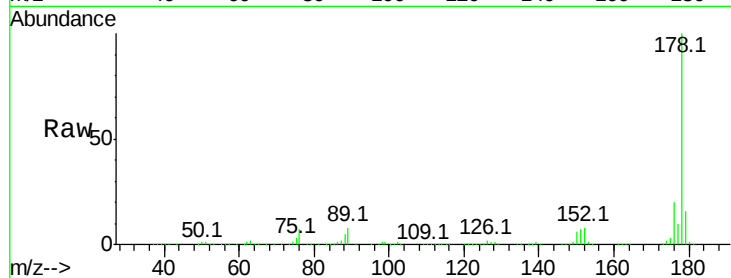
#71
 Anthracene
 Concen: 99.10 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	12.5	18.7

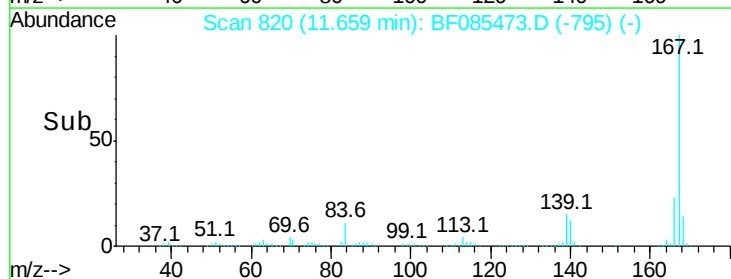
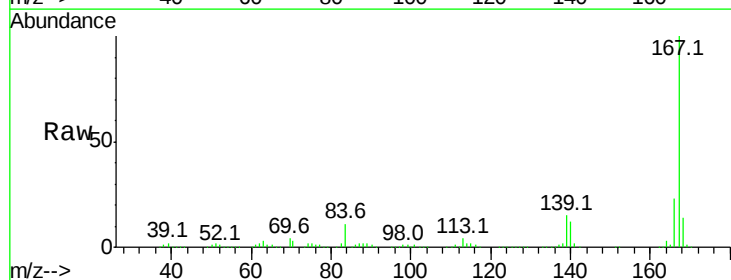
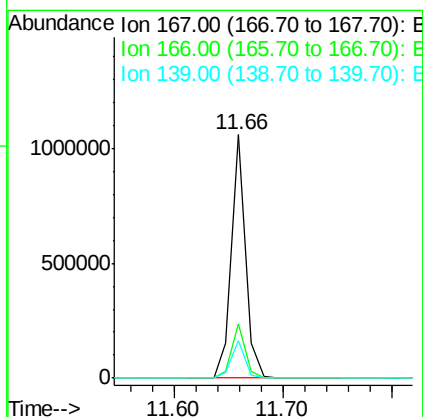
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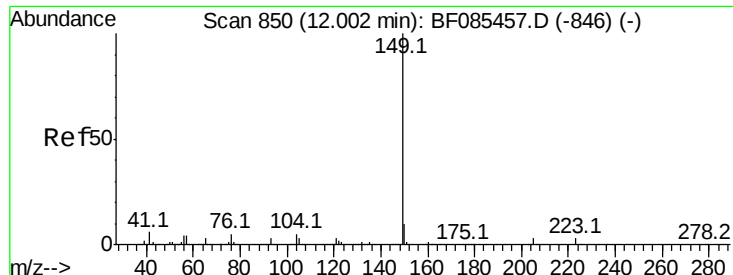
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#72
 Carbazole
 Concen: 89.73 ng
 RT: 11.66 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	15.4	11.4	17.0





#73

Di-n-butylphthalate

Concen: 100.64 ng

RT: 11.99 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tot Ion:149 Resp: 1315040

Ion Ratio Lower Upper

149 100

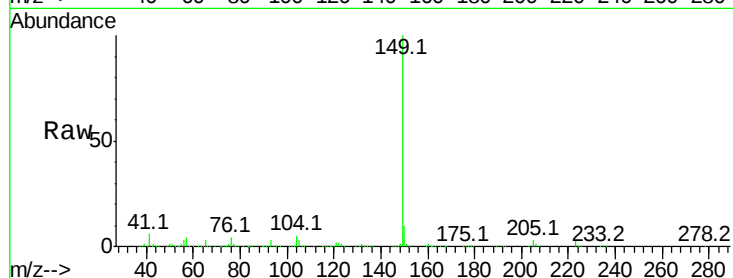
150 9.6 7.8 11.6

104 4.9 4.7 7.1

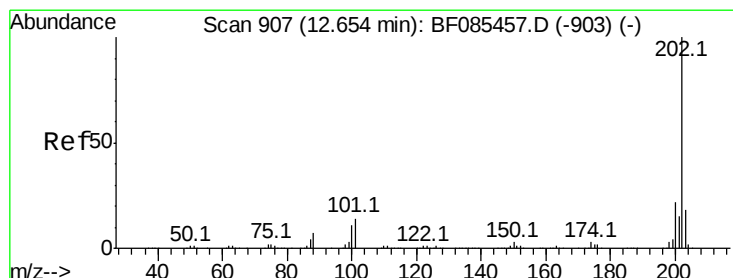
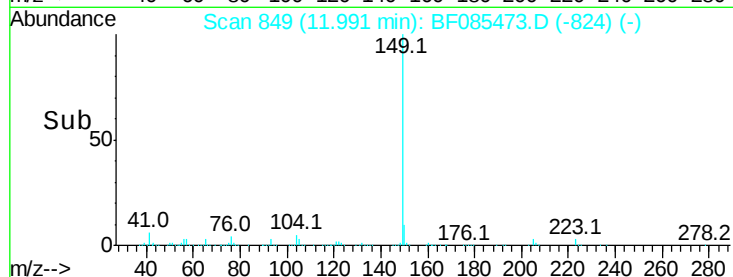
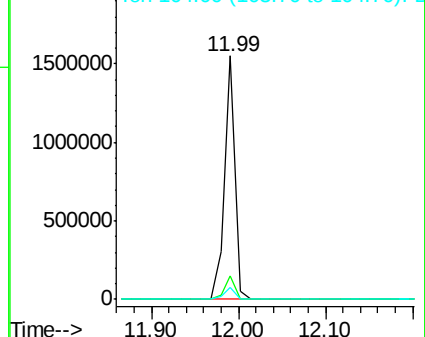
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 98.59 ng

RT: 12.64 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

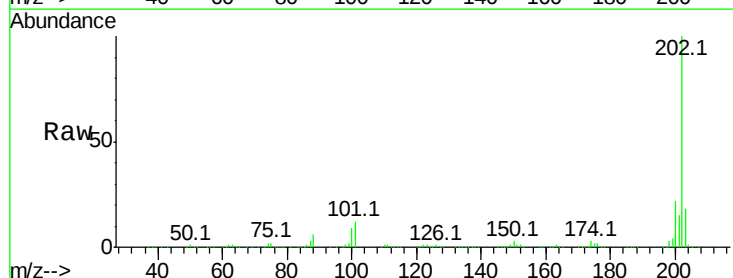
Tgt Ion:202 Resp: 1134138

Ion Ratio Lower Upper

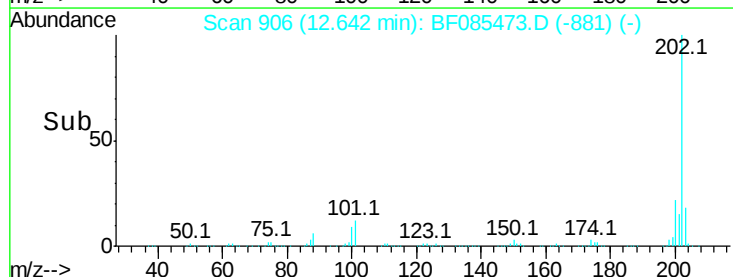
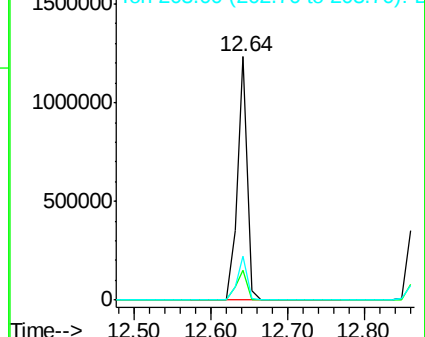
202 100

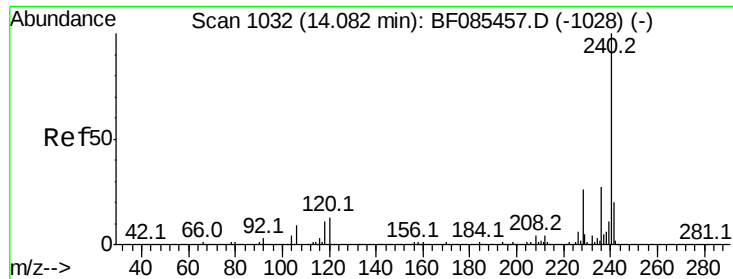
101 12.1 0.0 31.8

203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

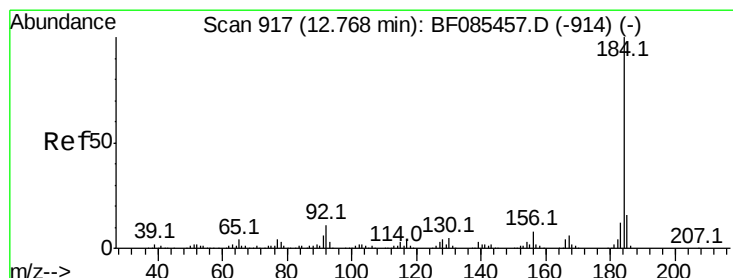
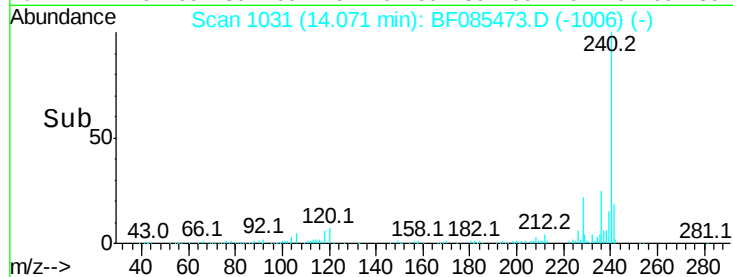
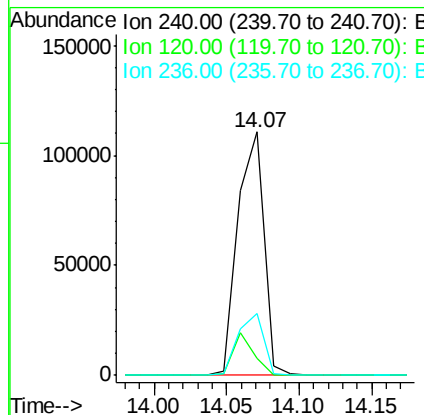
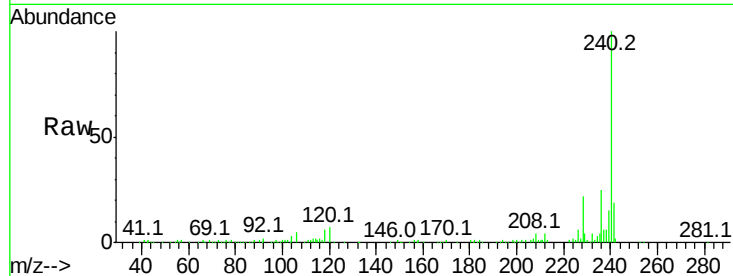
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	240	Resp:	138465
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.3	7.9
236	25.2	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 69.18 ng

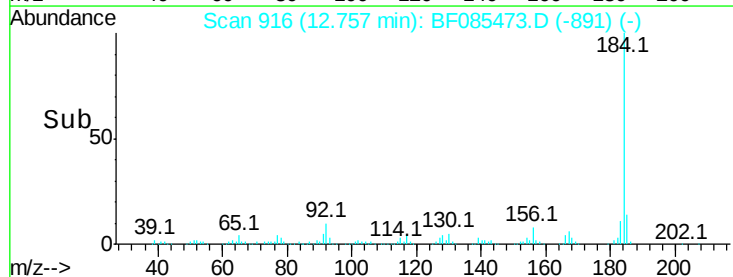
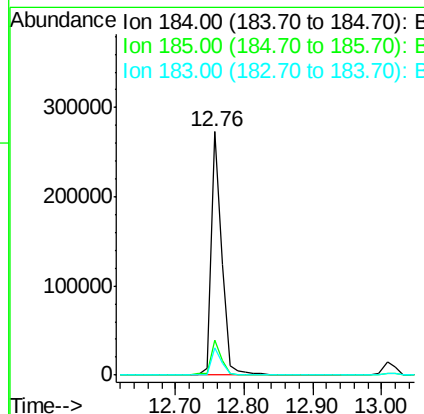
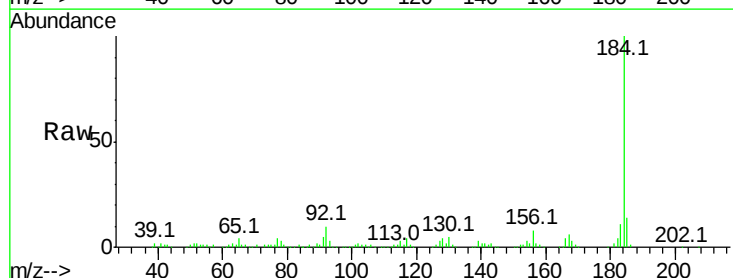
RT: 12.76 min Scan# 916

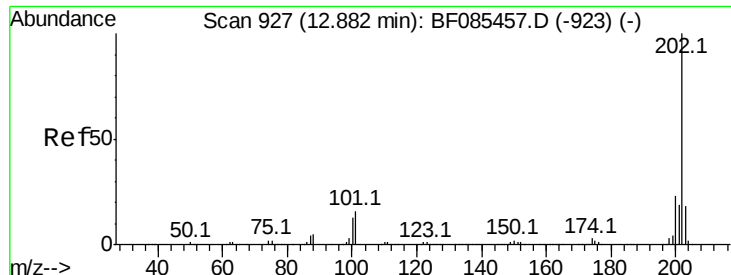
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	184	Resp:	297535
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.4	18.6
183	11.1	9.4	14.2





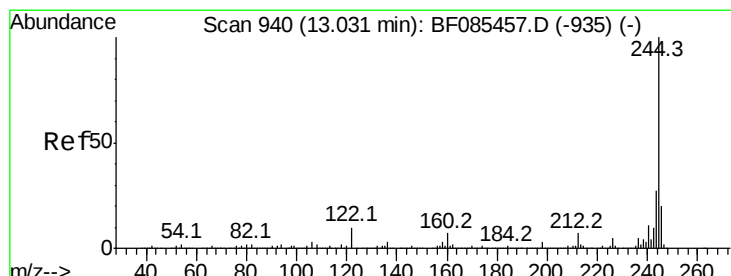
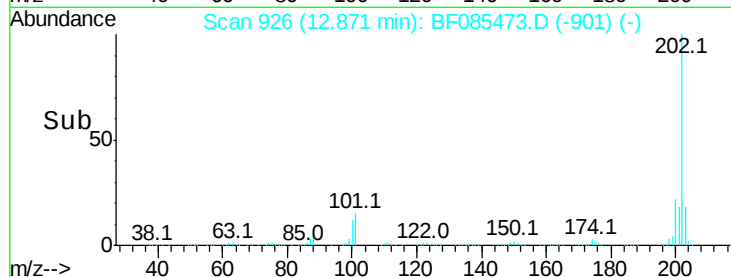
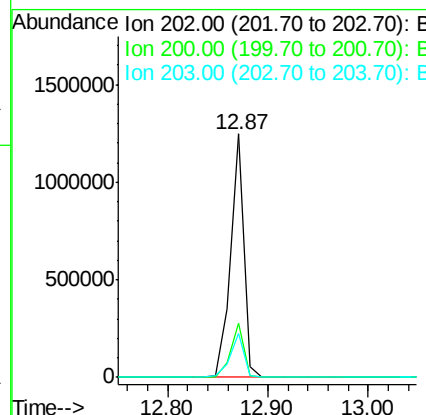
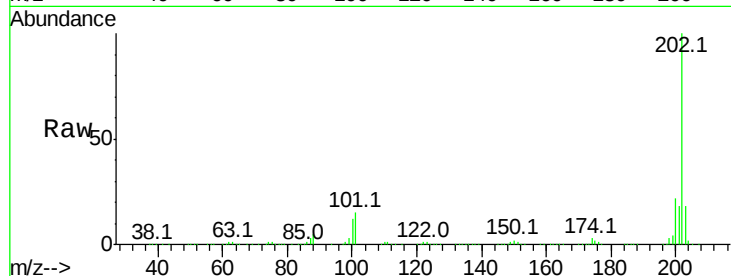
#77
Pvrene
Concen: 110.39 ng
RT: 12.87 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.4
203	18.2	14.7	22.1

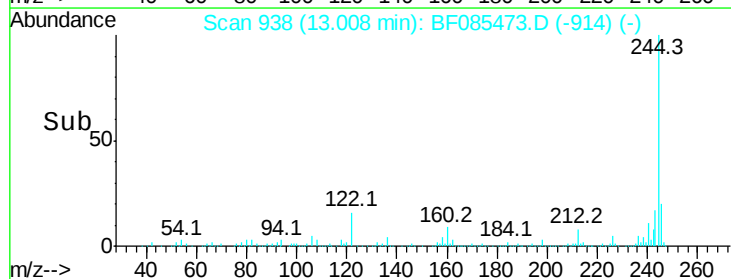
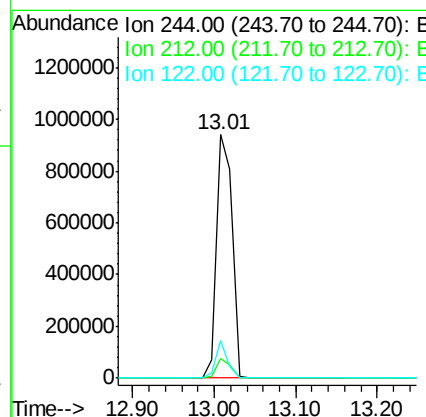
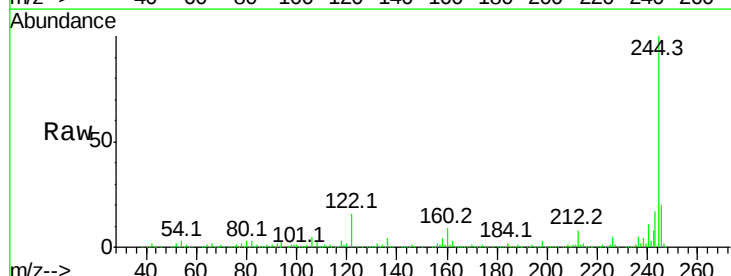
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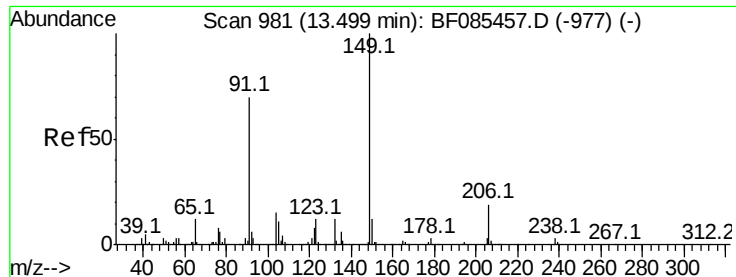
Sohil
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#78
Terphenyl-d14
Concen: 205.65 ng
RT: 13.01 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	15.7	11.4	17.2





#79

Butylbenzylphthalate

Concen: 112.09 ng

RT: 13.49 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

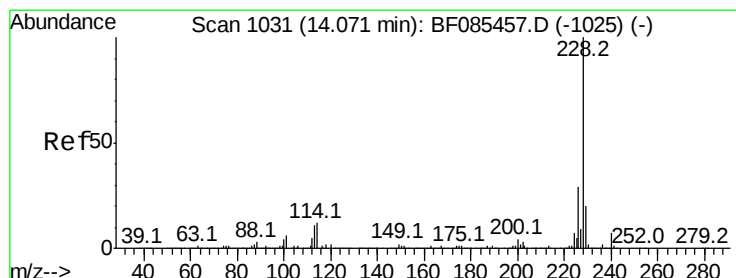
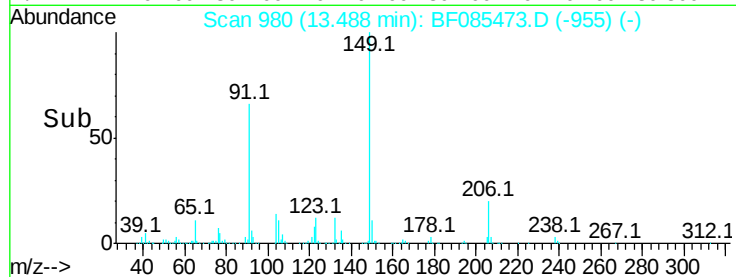
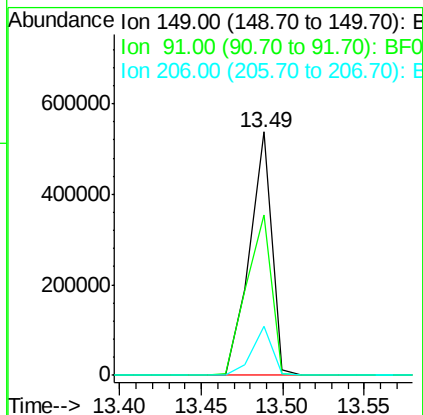
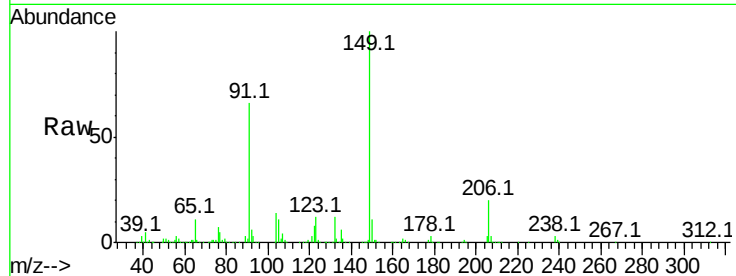
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	149	Resp:	508995
Ion Ratio	Lower	Upper	
149	100		
91	65.7	69.0	103.4#
206	20.2	12.3	18.5#

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#80

Benzo(a)anthracene

Concen: 100.57 ng

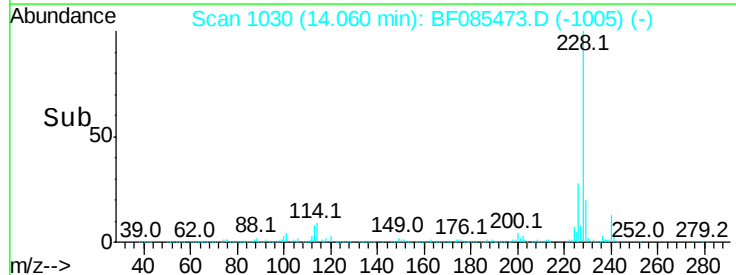
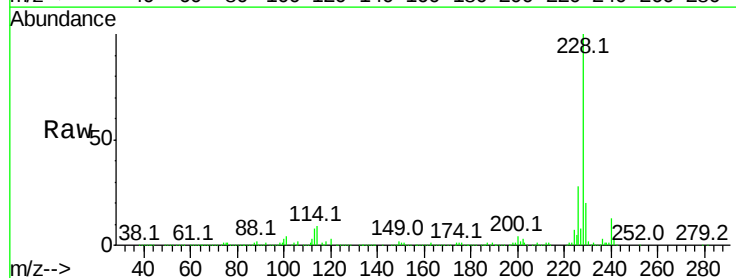
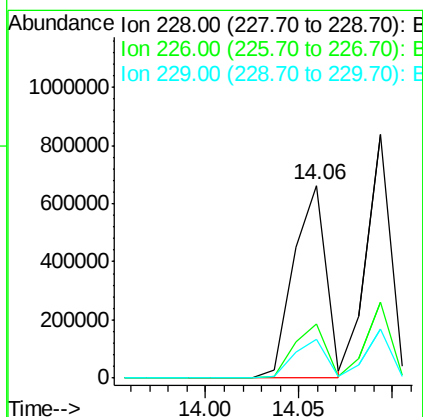
RT: 14.06 min Scan# 1030

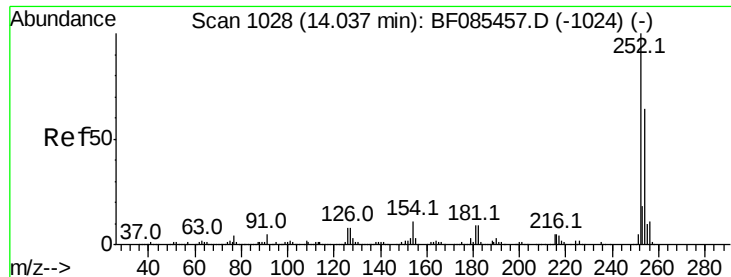
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	228	Resp:	798361
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.8	34.2
229	20.1	16.6	24.8





#81

3,3'-Dichlorobenzidine

Concen: 63.01 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

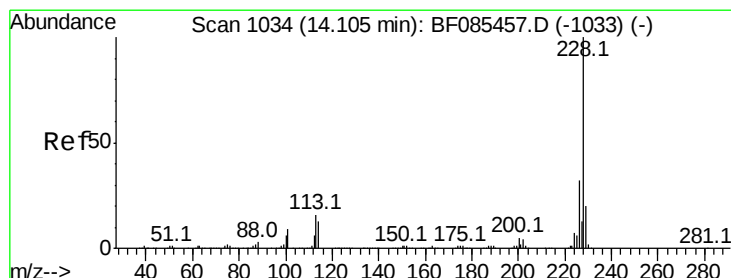
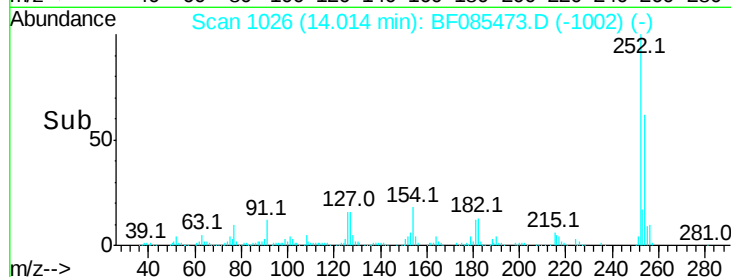
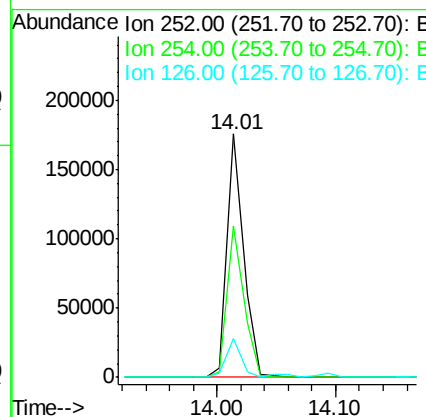
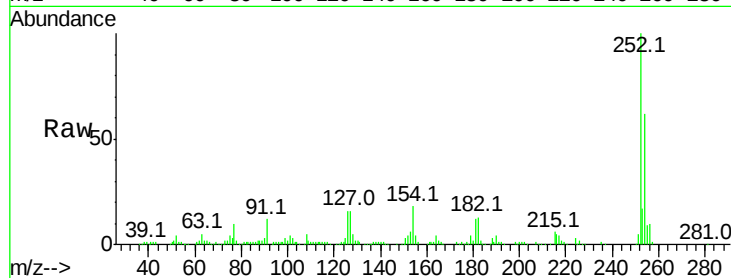
ClientSampleId :

SB-1(8-9)MS

Tot Ion:	252	Resp:	169325
Ion Ratio	Lower	Upper	
252	100		
254	62.3	51.4	77.0
126	15.8	12.9	19.3

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#82

Chrysene

Concen: 106.73 ng

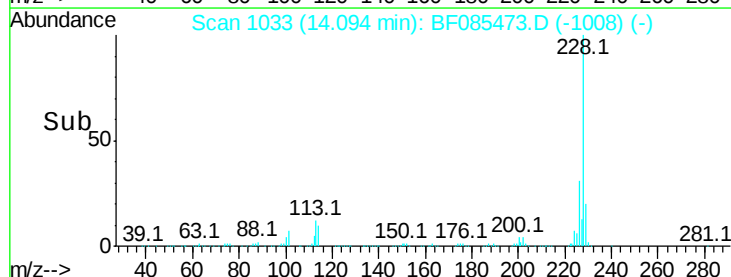
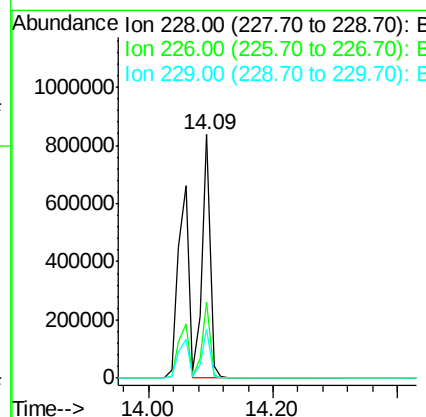
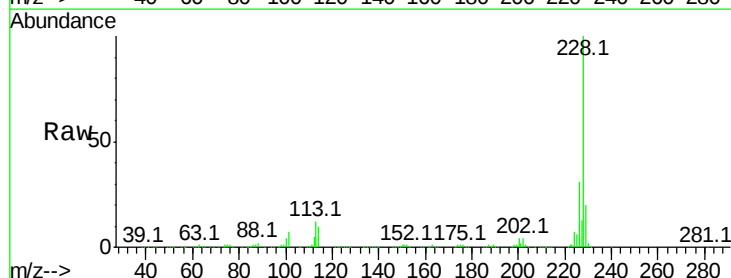
RT: 14.09 min Scan# 1033

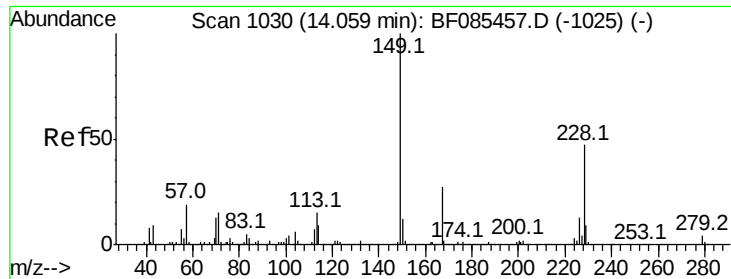
Delta R.T. -0.01 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion:	228	Resp:	762139
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.2	37.8
229	20.1	16.0	24.0





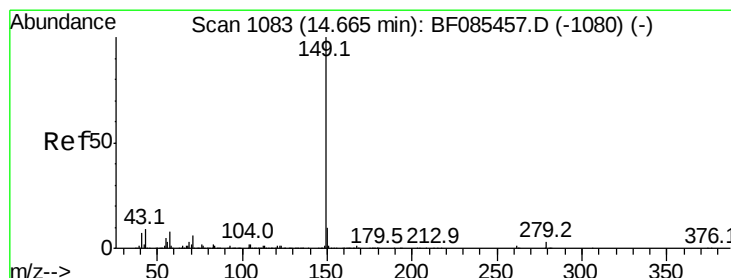
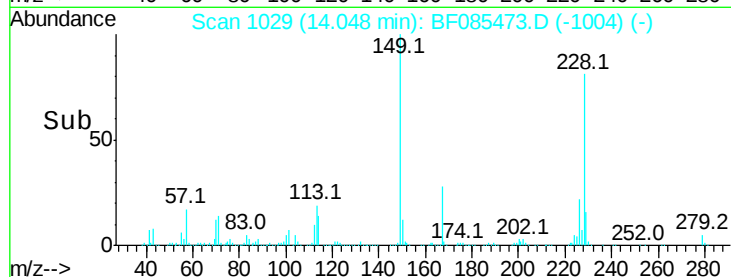
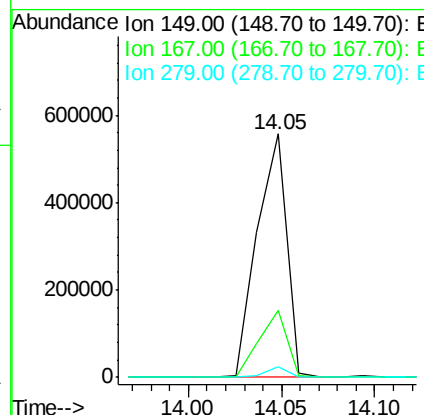
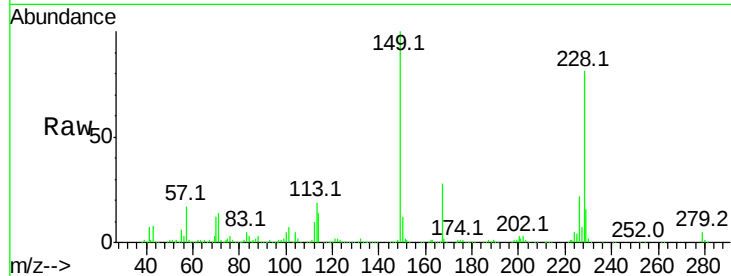
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 112.50 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.6	20.3	30.5
279	4.5	1.9	2.9

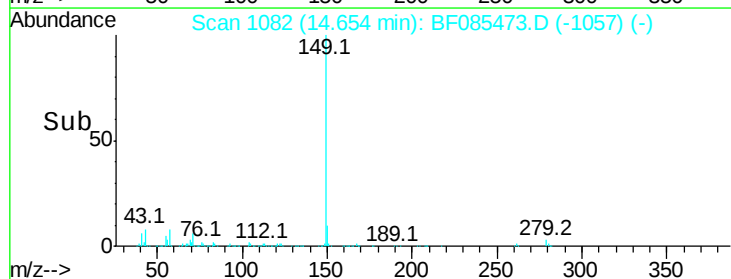
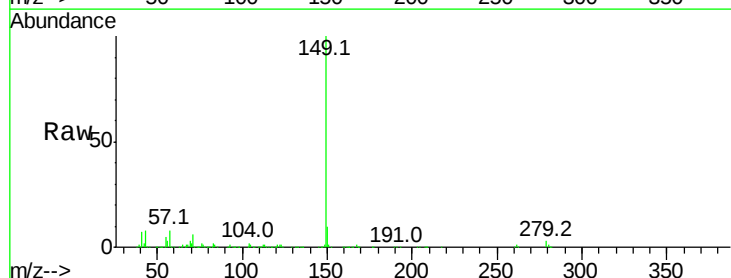
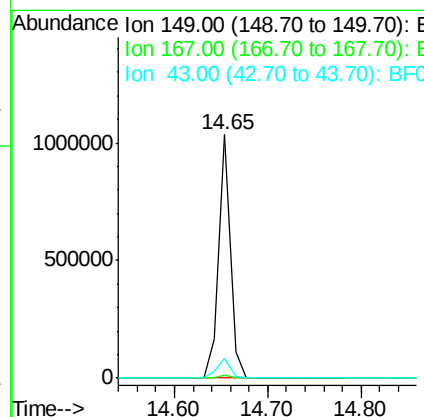
Manual Integrations
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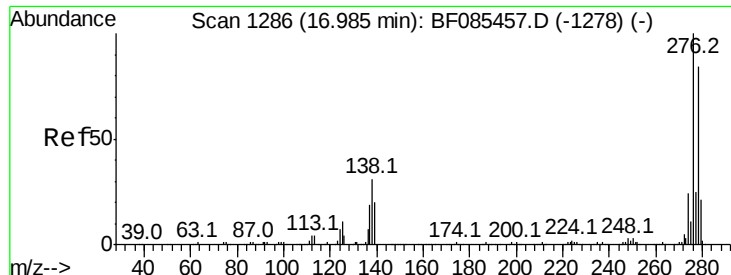
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 112.38 ng
 RT: 14.65 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.0	7.8	11.8





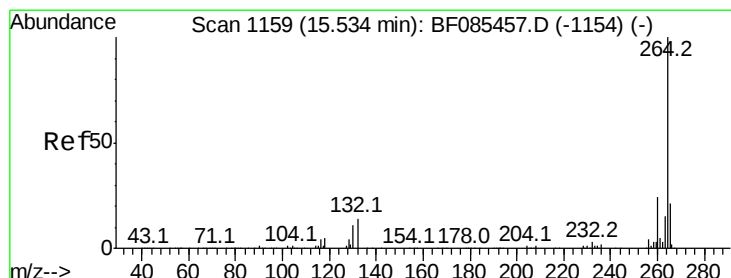
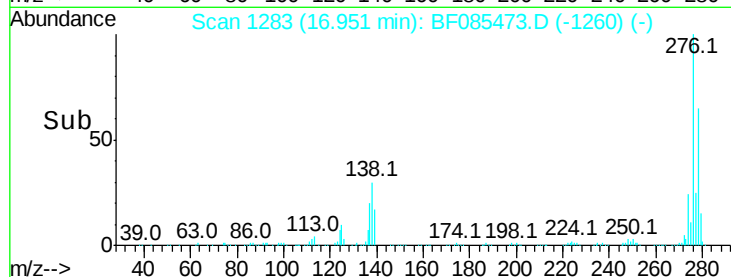
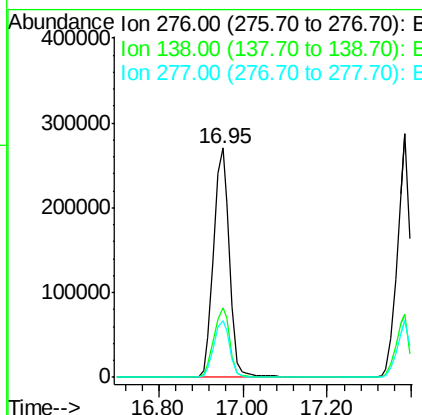
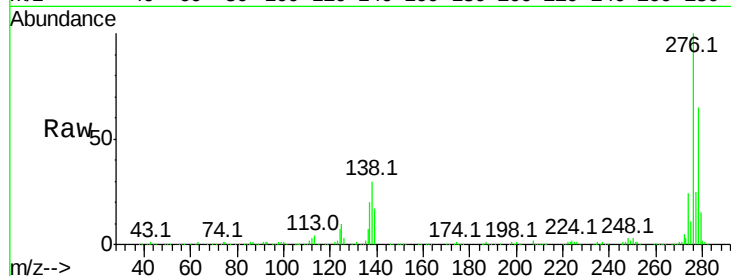
#85
Indeno(1,2,3-cd)pyrene
Concen: 105.43 ng
RT: 16.95 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	26.4	39.6
277	25.0	20.2	30.2

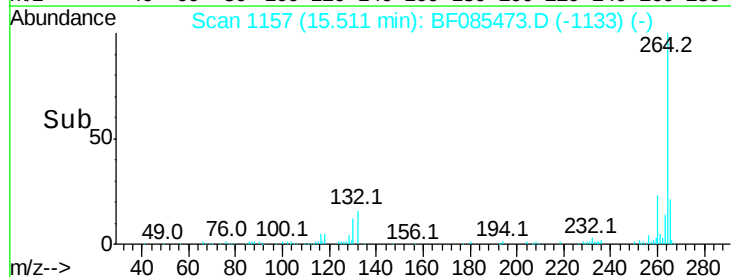
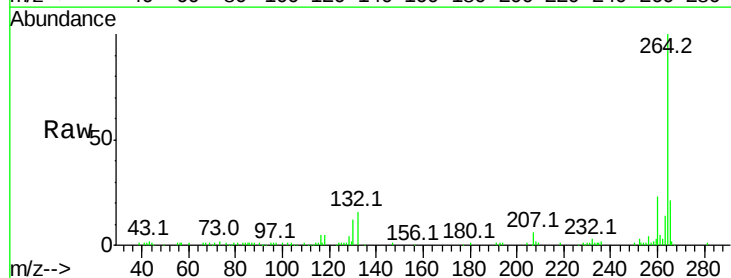
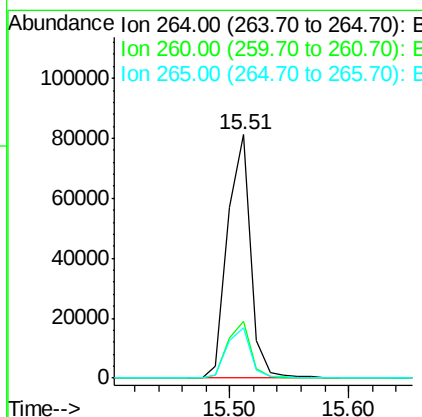
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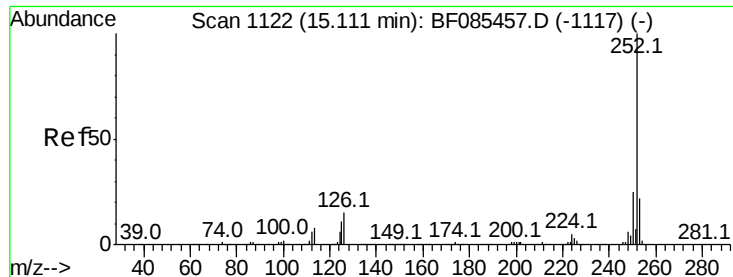
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 103.01 ng m

RT: 15.09 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Instrument :

BNA_F

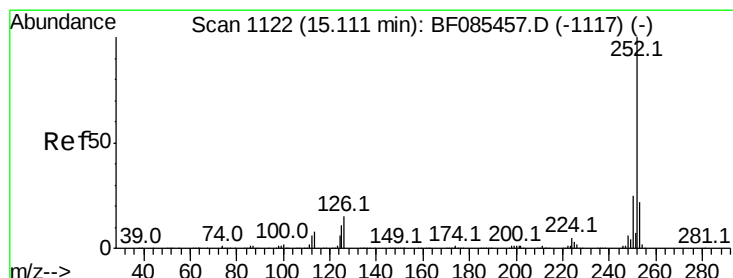
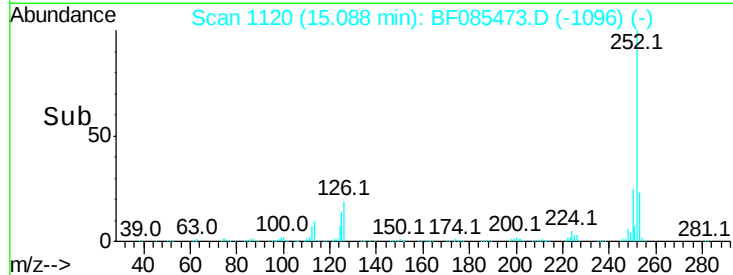
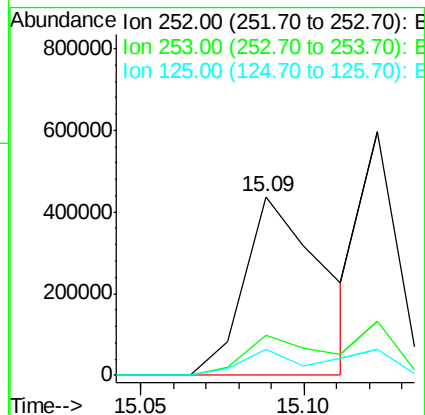
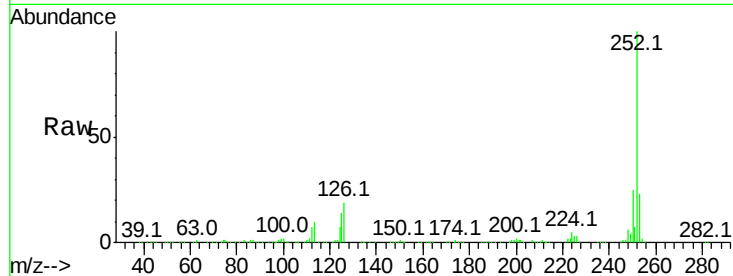
ClientSampleId :

SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	14.2	11.3	16.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 85.01 ng m

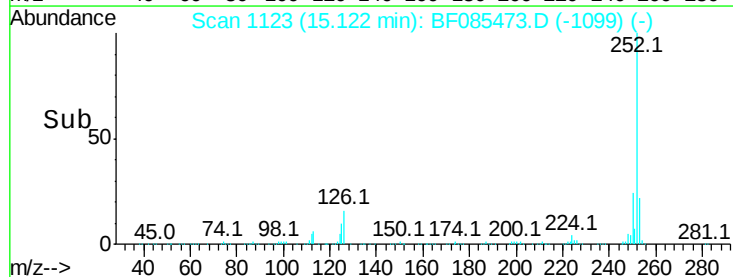
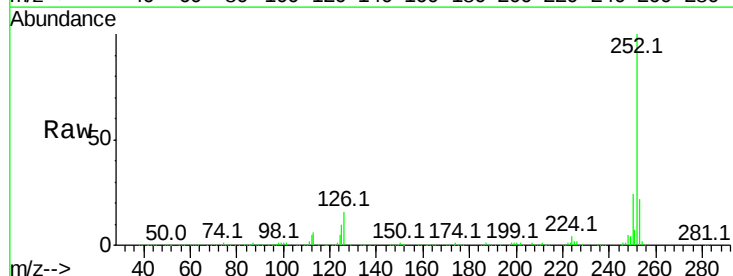
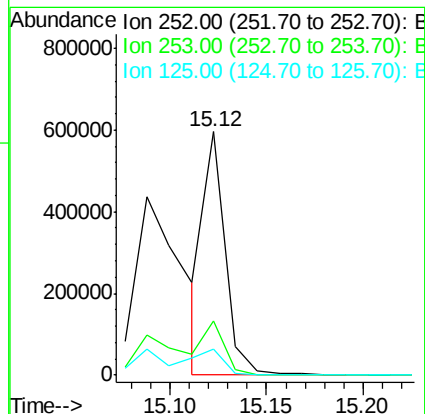
RT: 15.12 min Scan# 1123

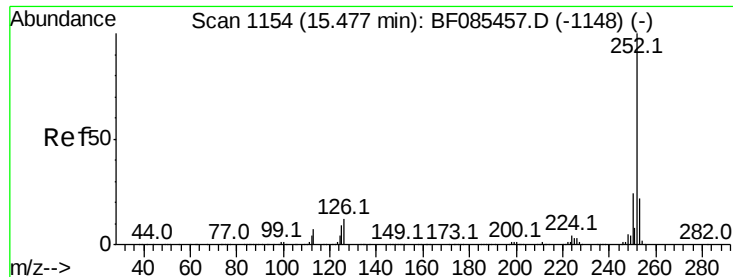
Delta R.T. -0.02 min

Lab File: BF085473.D

Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.4	10.4	15.6





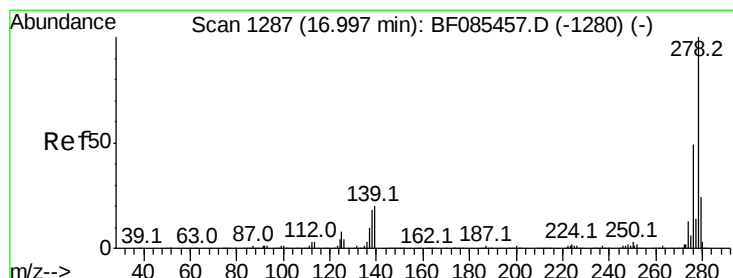
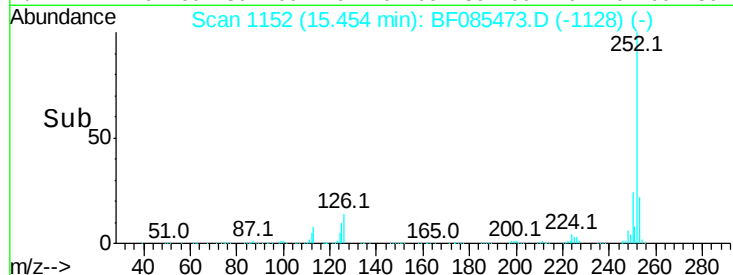
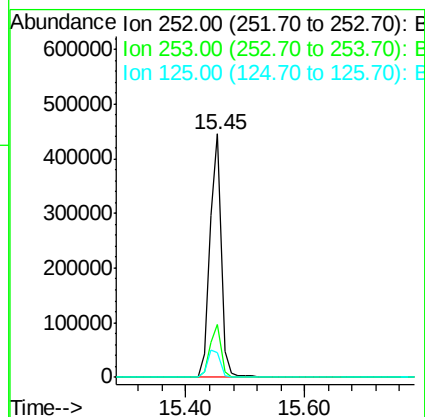
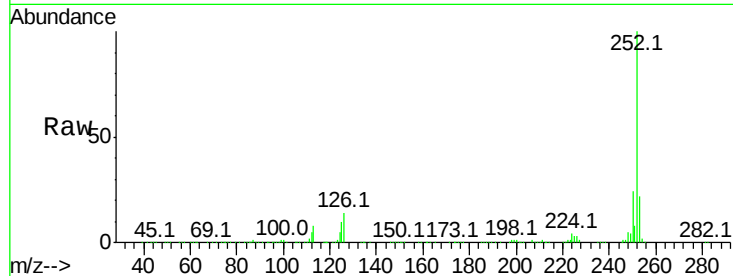
#89
Benzo(a)pyrene
Concen: 96.76 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.1	8.2	12.4

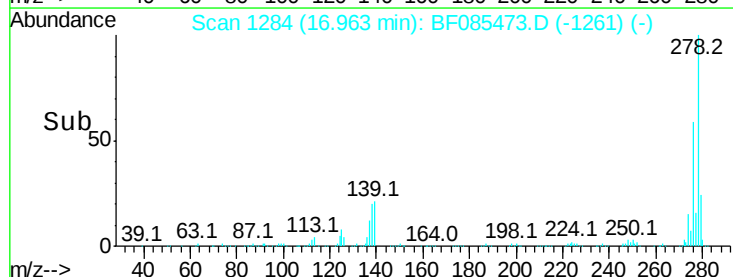
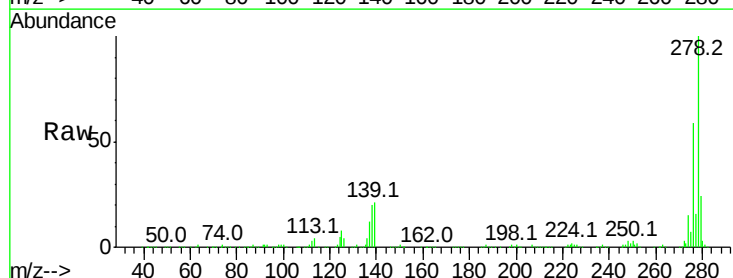
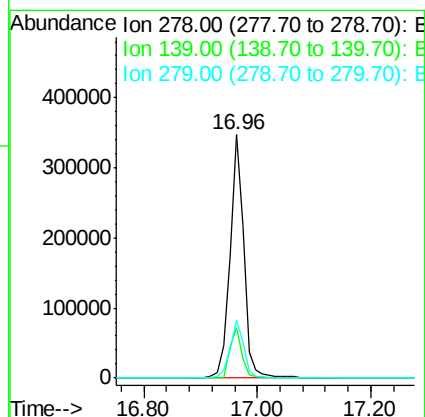
Manual Integrations
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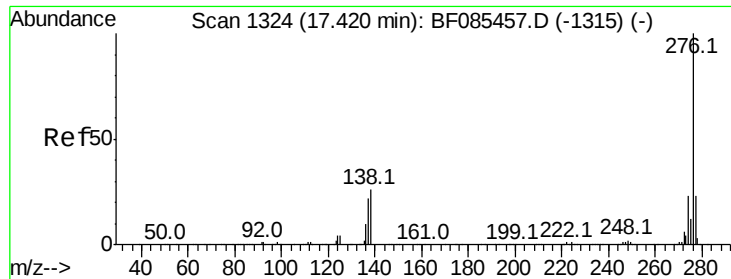
Sohil
3/17/2016 5:20:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 99.96 ng
RT: 16.96 min Scan# 1284
Delta R.T. -0.03 min
Lab File: BF085473.D
Acq: 16 Mar 2016 20:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	17.3	25.9
279	23.7	19.2	28.8





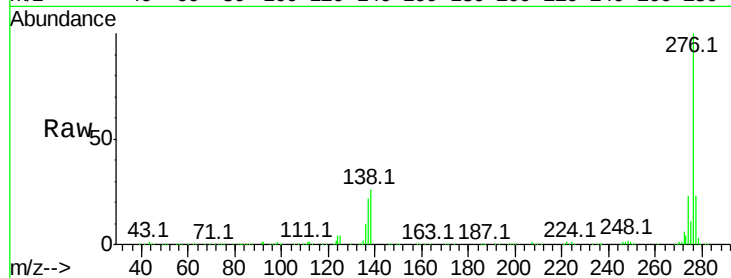
#91
 Benzo(a,h,i)perylene
 Concen: 99.84 ng
 RT: 17.39 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF085473.D
 Acq: 16 Mar 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tot Ion:	276	Resp:	609827
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.0	22.5	33.7

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:04 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

