

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089958.D
 Acq On : 31 Aug 2016 18:53
 Operator : UM/SJ
 Sample : H4645-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:54:25 AM

Quant Time: Aug 31 19:38:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	176990	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	656975	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	333256	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	563928	20.00	ng	0.00
75) Chrysene-d12	13.76	240	358974	20.00	ng	0.00
86) Perylene-d12	15.10	264	412813	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1309937	118.47	ng	0.01
7) Phenol-d6	6.28	99	1673816	124.58	ng	0.01
23) Nitrobenzene-d5	7.21	82	1104458	97.50	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	410818	124.95	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1961341	96.61	ng	0.00
78) Terphenyl-d14	12.72	244	1385279	95.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	191373	36.53	ng	98
3) Pyridine	2.79	79	315923	22.60	ng	96
4) n-Nitrosodimethylamine	2.73	42	326455	47.36	ng	100
6) Aniline	6.30	93	600977	32.78	ng	# 64
8) 2-Chlorophenol	6.42	128	542543	45.23	ng	95
9) Benzaldehyde	6.17	77	111715	12.89	ng	91
10) Phenol	6.30	94	593703	38.00	ng	94
11) bis(2-Chloroethyl)ether	6.39	93	566364	47.90	ng	# 84
12) 1,3-Dichlorobenzene	6.58	146	599784	44.77	ng	99
13) 1,4-Dichlorobenzene	6.65	146	590117	43.05	ng	100
14) 1,2-Dichlorobenzene	6.81	146	590680	48.06	ng	98
15) Benzyl Alcohol	6.79	79	400488	47.58	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1065243	47.25	ng	97
17) 2-Methylphenol	6.91	107	492190	51.37	ng	97
18) Hexachloroethane	7.15	117	212896	45.34	ng	95
19) n-Nitroso-di-n-propylamine	7.07	70	415330	47.44	ng	98
20) 3+4-Methylphenols	7.06	107	505089	43.49	ng	98
22) Acetophenone	7.05	105	679900	46.13	ng	# 93
24) Nitrobenzene	7.22	77	518162	43.02	ng	96
25) Isophorone	7.47	82	1106187	48.02	ng	99
26) 2-Nitrophenol	7.54	139	288715	50.15	ng	98
27) 2,4-Dimethylphenol	7.59	122	527691	49.55	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	736335	53.00	ng	99
29) 2,4-Dichlorophenol	7.78	162	460495	48.24	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	528794	50.66	ng	99
31) Naphthalene	7.94	128	1478490	45.17	ng	100
32) Benzoic acid	7.70	122	144939	20.20	ng	96
33) 4-Chloroaniline	8.00	127	445678	33.75	ng	96
34) Hexachlorobutadiene	8.07	225	286525	46.84	ng	98
35) Caprolactam	8.36	113	147593	48.98	ng	94
36) 4-Chloro-3-methylphenol	8.49	107	508130	50.26	ng	88
37) 2-Methylnaphthalene	8.64	142	1113779	51.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	380879	39.01	ng	99
40) Hexachlorocyclopentadiene	8.79	237	372739	74.46	ng	94

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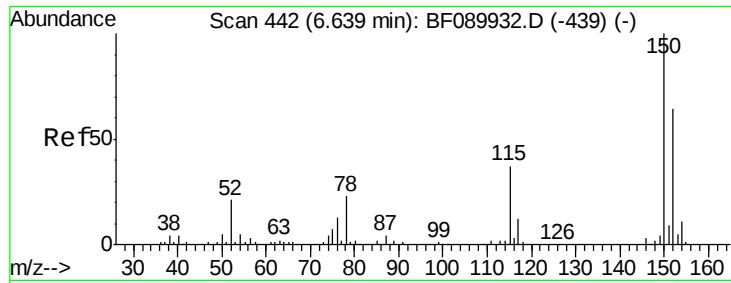
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	338191	49.99	ng	98
43) 2,4,5-Trichlorophenol	8.96	196	336084	51.66	ng #	91
45) 1,1'-Biphenyl	9.10	154	1048381	39.07	ng	100
46) 2-Chloronaphthalene	9.12	162	915512	48.23	ng	99
47) 2-Nitroaniline	9.22	65	325037	52.38	ng #	55
48) Acenaphthylene	9.53	152	1421564	45.29	ng	100
49) Dimethylphthalate	9.42	163	1584875	65.80	ng #	97
50) 2,6-Dinitrotoluene	9.46	165	244559	45.65	ng	94
51) Acenaphthene	9.70	154	956979	48.13	ng	99
52) 3-Nitroaniline	9.62	138	190742	31.22	ng	98
53) 2,4-Dinitrophenol	9.74	184	158143	52.61	ng #	52
54) Dibenzofuran	9.87	168	1278428	47.98	ng	99
55) 4-Nitrophenol	9.79	139	349732	75.89	ng #	62
56) 2,4-Dinitrotoluene	9.86	165	320109	47.12	ng	88
57) Fluorene	10.22	166	993428	51.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	262454	47.12	ng	98
59) Diethylphthalate	10.10	149	1056867	46.64	ng	100
60) 4-Chlorophenyl-phenylether	10.22	204	458728	50.06	ng	98
61) 4-Nitroaniline	10.24	138	267935	44.63	ng	98
62) Azobenzene	10.36	77	1108354	48.97	ng	100
64) 4,6-Dinitro-2-methylphenol	10.26	198	125398	34.73	ng	99
65) n-Nitrosodiphenylamine	10.33	169	851118	50.20	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	299058	52.68	ng	99
67) Hexachlorobenzene	10.75	284	294347	45.39	ng	99
68) Atrazine	10.87	200	282049	49.83	ng	89
69) Pentachlorophenol	10.95	266	295889	84.81	ng	99
70) Phenanthrene	11.16	178	1398992	49.82	ng	99
71) Anthracene	11.21	178	1273331	44.70	ng	100
72) Carbazole	11.37	167	1222897	45.79	ng	99
73) Di-n-butylphthalate	11.71	149	1549462	49.78	ng	100
74) Fluoranthene	12.34	202	1358897	46.17	ng	99
76) Benzidine	12.47	184	544503	40.04	ng	96
77) Pyrene	12.56	202	1241413	49.05	ng	99
79) Butylbenzylphthalate	13.20	149	561356	55.00	ng	96
80) Benzo(a)anthracene	13.75	228	1142773	51.98	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	375305	47.29	ng	98
82) Chrysene	13.78	228	1074357	52.31	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	738217	52.29	ng	99
84) Di-n-octyl phthalate	14.38	149	1317493	57.82	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1181638	77.82	ng	99
87) Benzo(b)fluoranthene	14.74	252	1293385m	50.01	ng	
88) Benzo(k)fluoranthene	14.77	252	878419m	40.03	ng	
89) Benzo(a)pyrene	15.05	252	1123584	50.71	ng #	99
90) Dibenzo(a,h)anthracene	16.35	278	991390	61.07	ng	97
91) Benzo(g,h,i)perylene	16.70	276	975606	59.70	ng #	94

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



#1

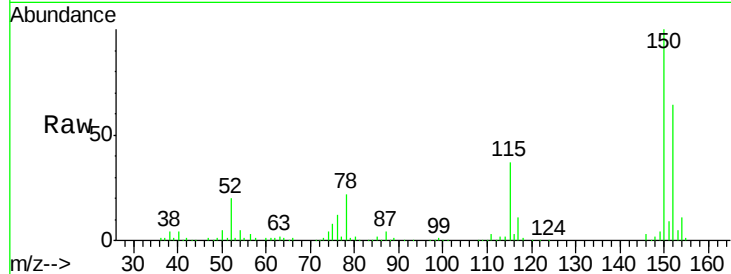
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

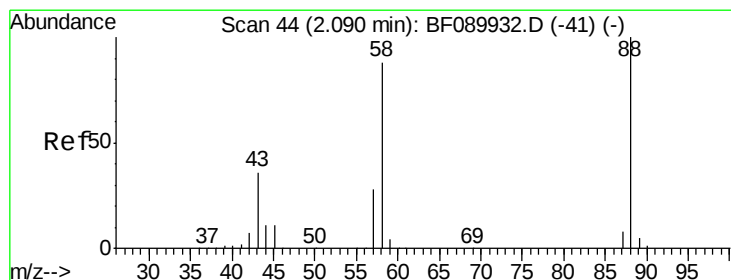
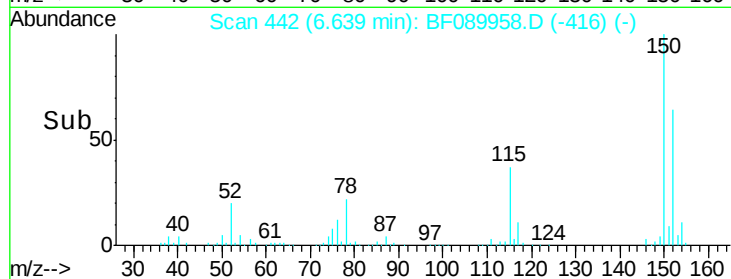
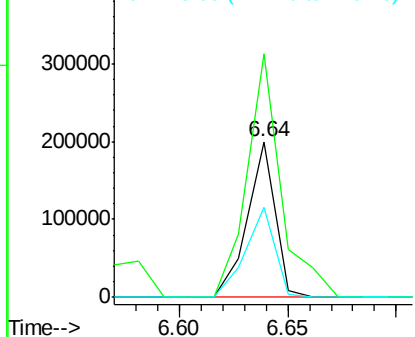
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.2
115	57.7	46.3	69.5

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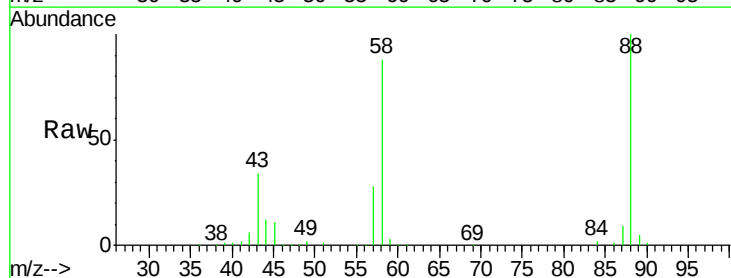
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



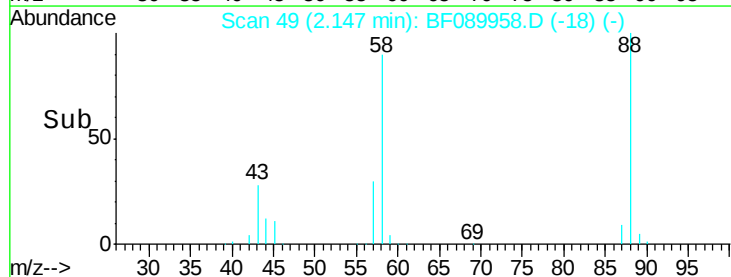
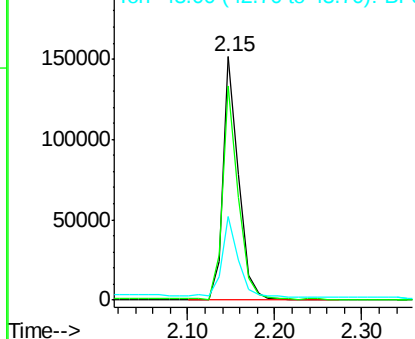
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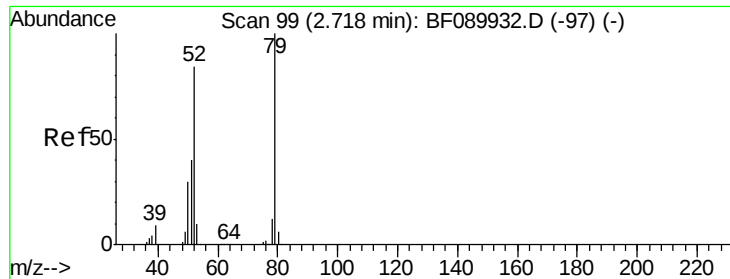
1,4-Dioxane
Concen: 36.53 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.06 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	68.8	103.2
43	34.1	27.0	40.6



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





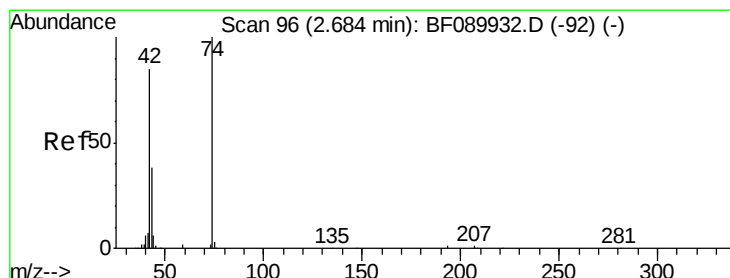
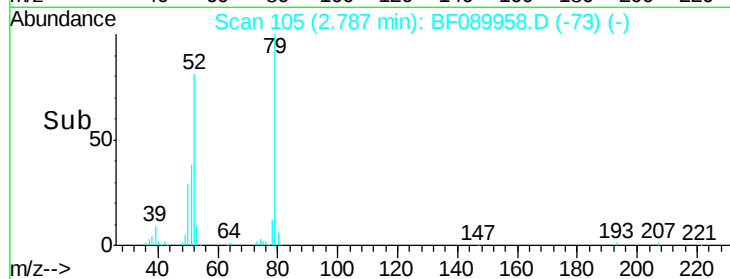
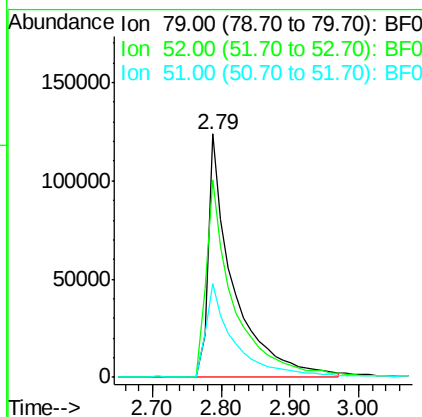
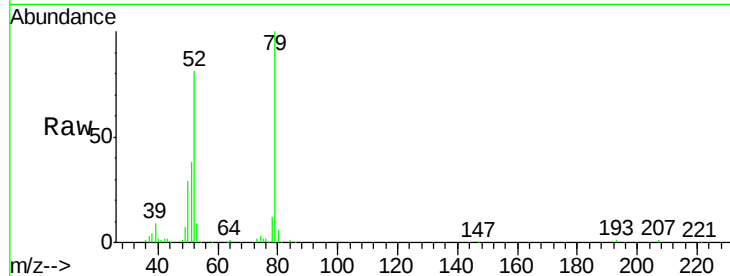
#3
 Pyridine
 Concen: 22.60 ng
 RT: 2.79 min Scan# 105
 Delta R.T. 0.07 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
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 MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.0	67.8	101.6
51	38.4	32.9	49.3

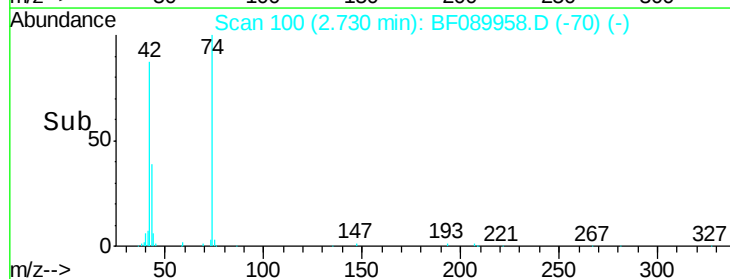
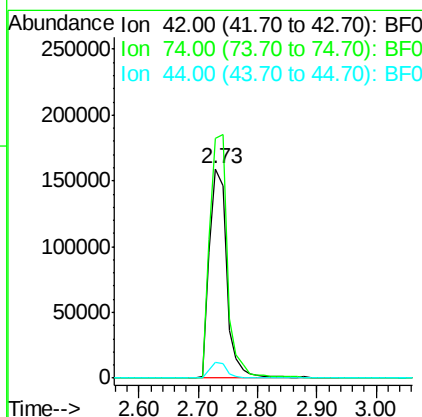
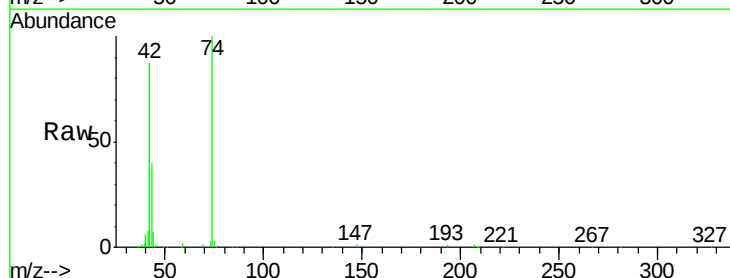
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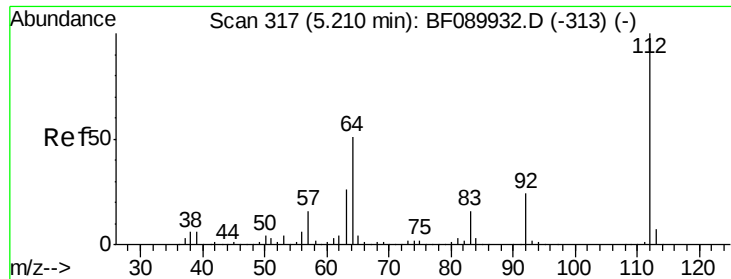
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#4
 n-Nitrosodimethylamine
 Concen: 47.36 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.05 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.8	92.0	138.0
44	7.6	5.8	8.8





#5

2-Fluorophenol

Concen: 118.47 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion: 112 Resp: 1309937

Ion Ratio Lower Upper

112 100

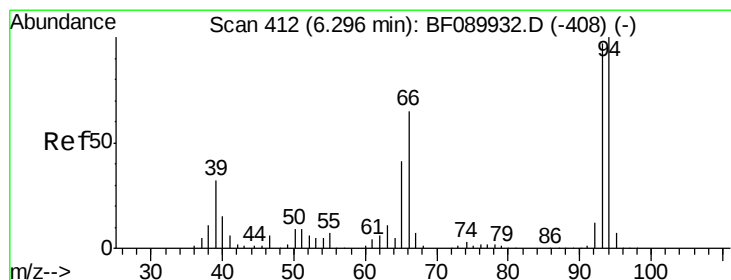
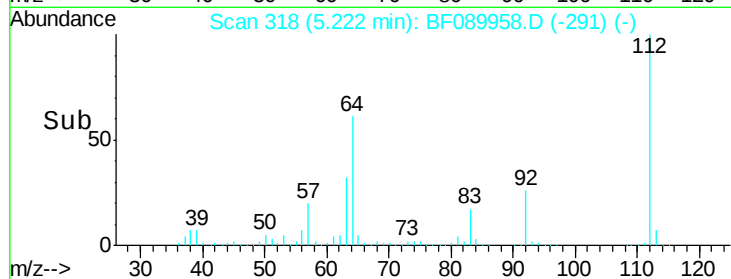
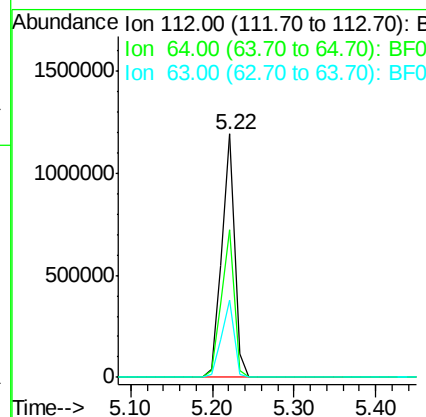
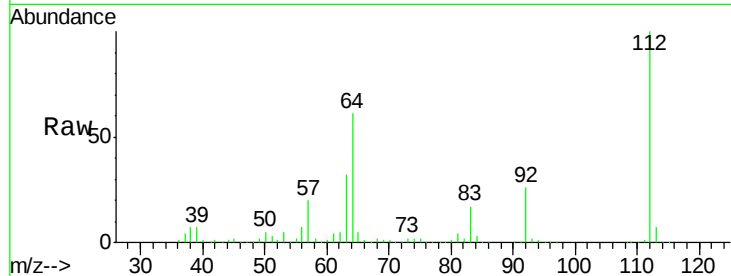
64 60.8 41.1 61.7

63 32.0 21.2 31.8#

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#6

Aniline

Concen: 32.78 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

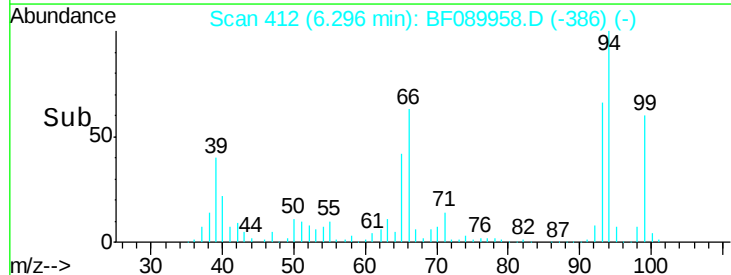
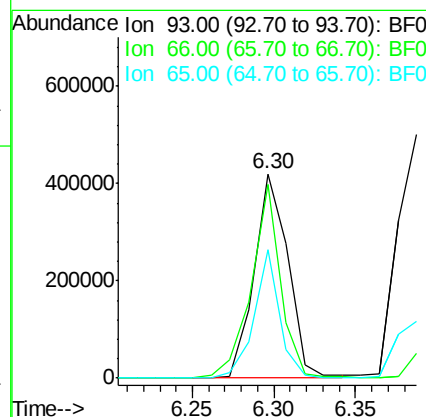
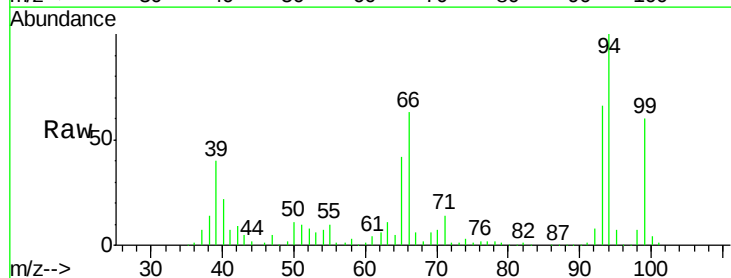
Tgt Ion: 93 Resp: 600977

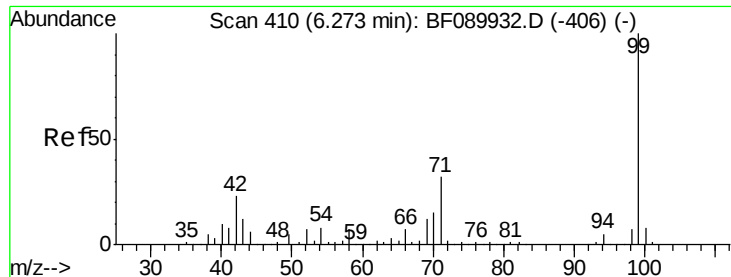
Ion Ratio Lower Upper

93 100

66 95.2 52.9 79.3#

65 63.1 33.0 49.6#





#7

Phenol-d6

Concen: 124.58 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion: 99 Resp: 1673816

Ion Ratio Lower Upper

99 100

42 23.2 18.6 27.8

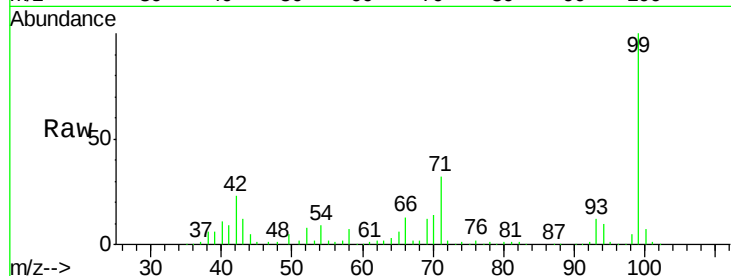
71 32.3 25.8 38.6

Manual Integrations

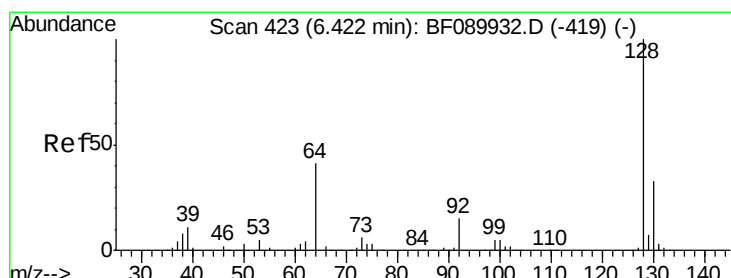
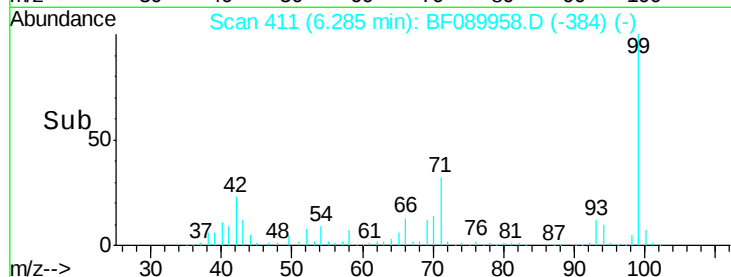
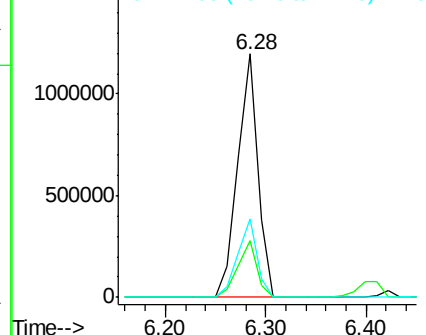
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.23 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

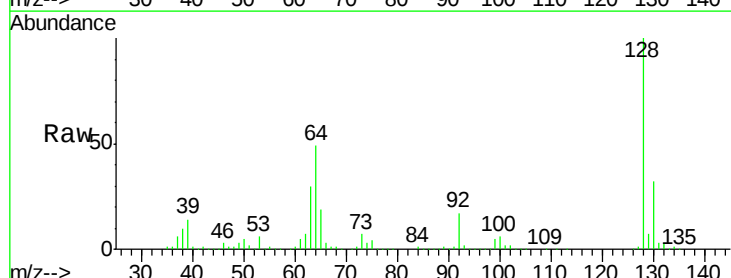
Tgt Ion: 128 Resp: 542543

Ion Ratio Lower Upper

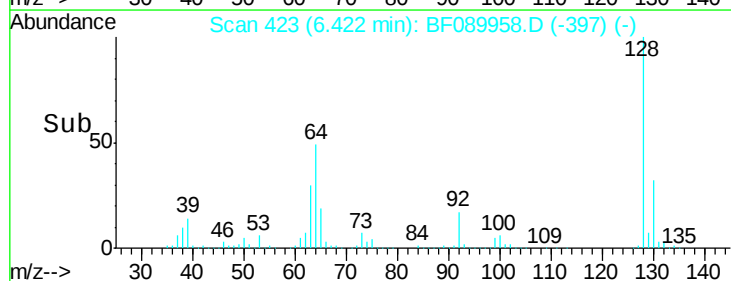
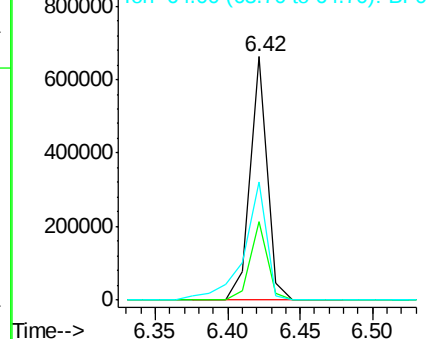
128 100

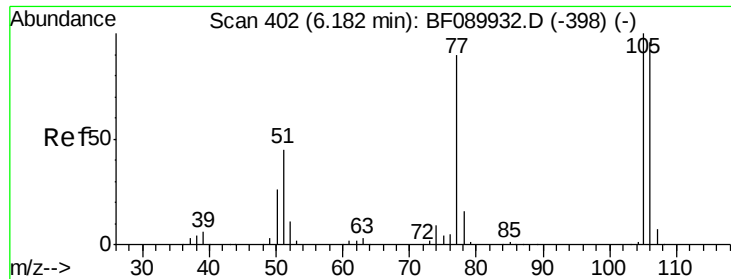
130 32.4 12.8 52.8

64 48.7 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.89 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

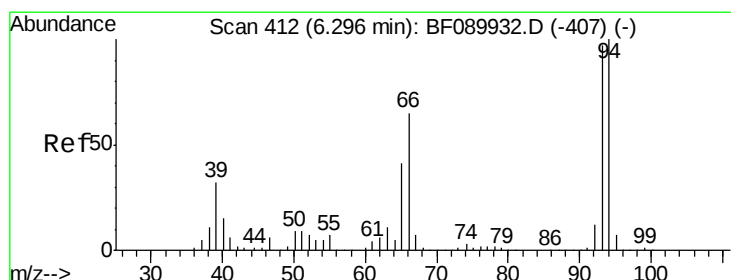
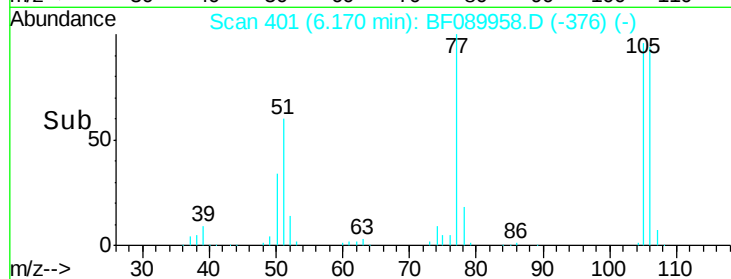
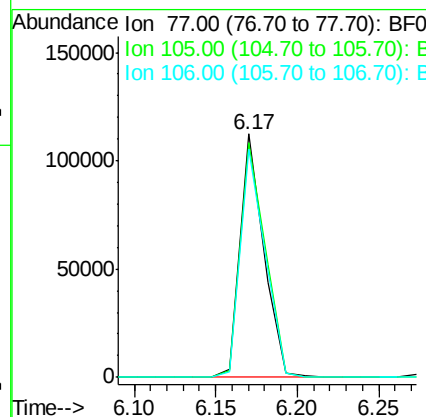
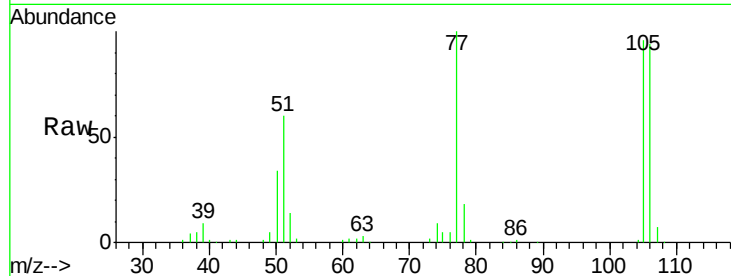
ClientSampleId :

MSP-BPMMSD

Tgt Ion:	77	Resp:	111715
Ion Ratio	Lower	Upper	
77	100		
105	96.3	85.4	125.4
106	94.0	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 38.00 ng

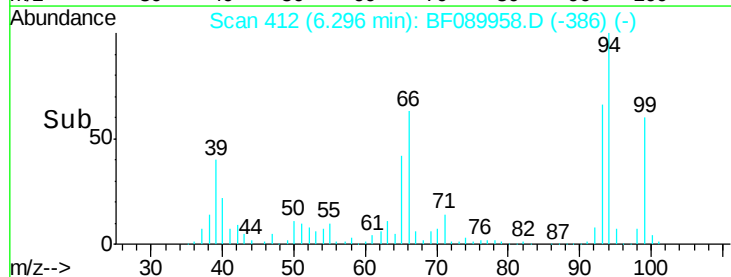
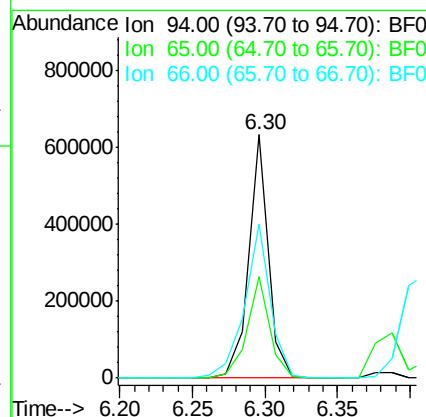
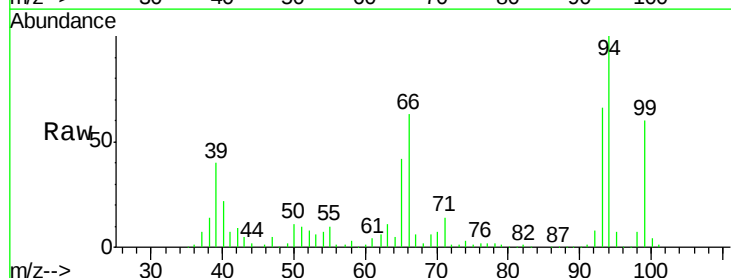
RT: 6.30 min Scan# 412

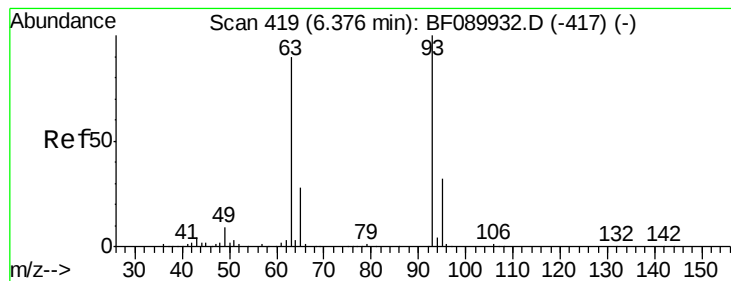
Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	94	Resp:	593703
Ion Ratio	Lower	Upper	
94	100		
65	41.8	23.2	63.2
66	63.0	49.2	89.2





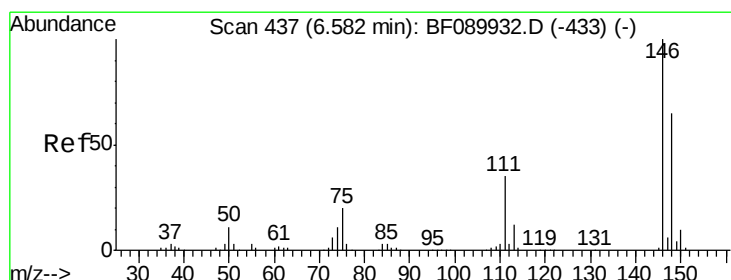
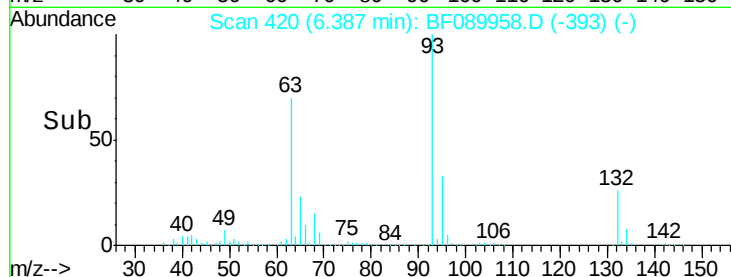
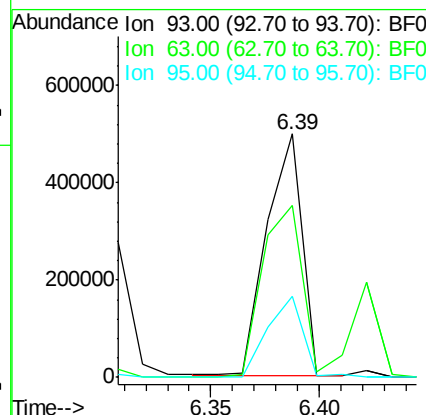
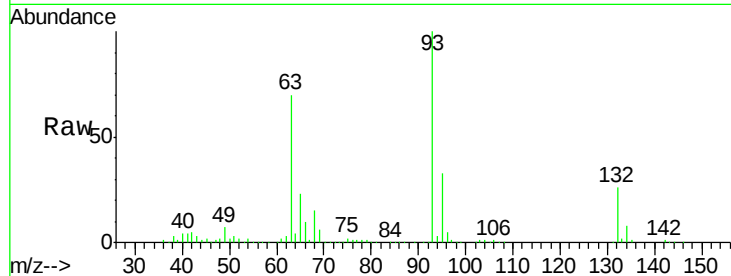
#11
bis(2-Chloroethyl)ether
Concen: 47.90 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.5	71.1	111.1#
95	33.1	12.4	52.4

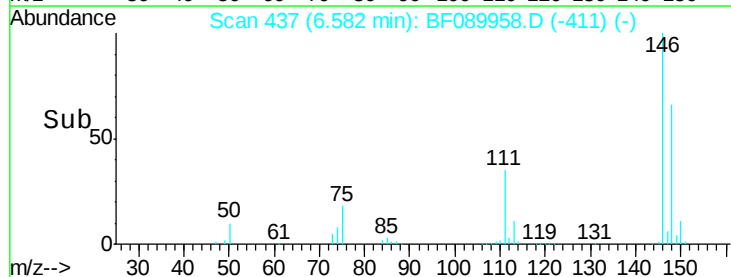
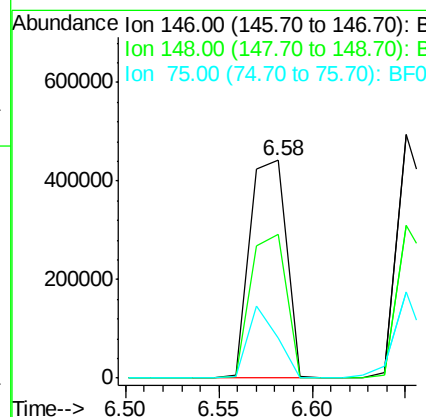
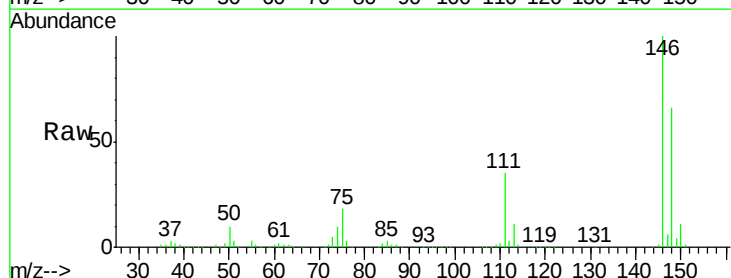
Manual Integrations
APPROVED

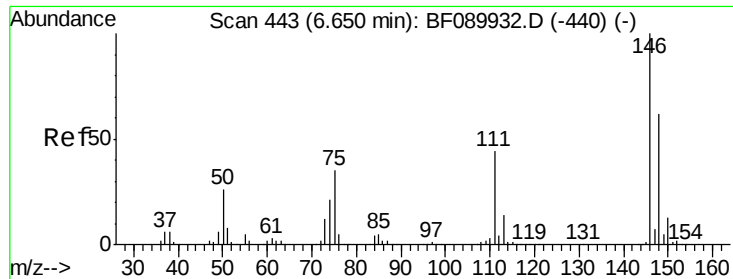
SOHIL
9/1/2016 11:54:25 AM



#12
1,3-Dichlorobenzene
Concen: 44.77 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.5	78.7
75	18.4	16.6	24.8





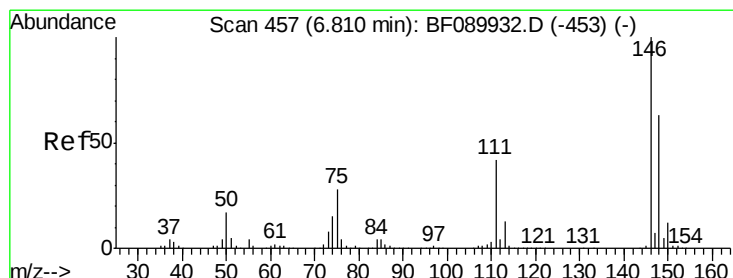
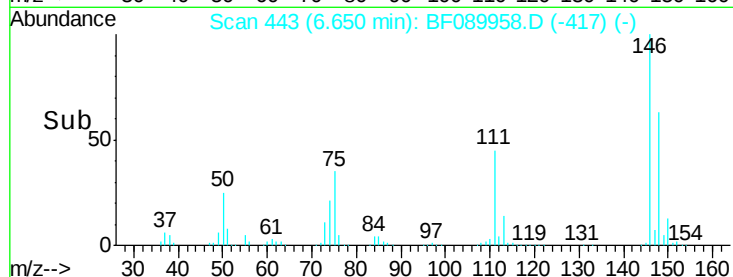
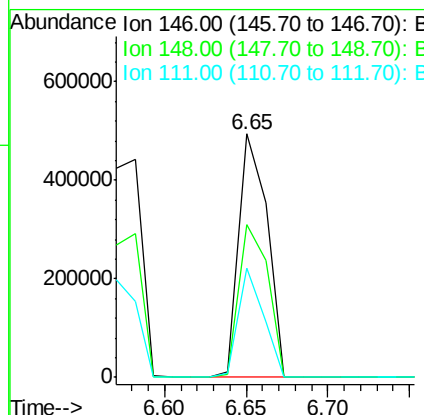
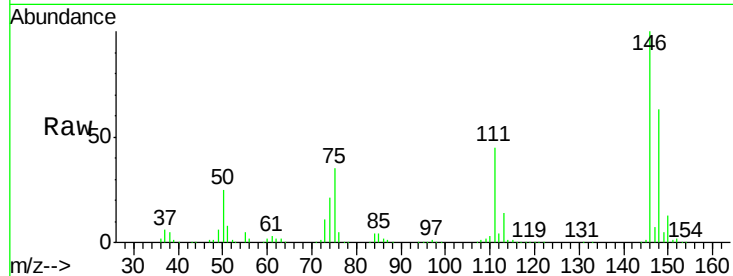
#13
 1,4-Dichlorobenzene
 Concen: 43.05 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.1	75.1
111	44.9	35.8	53.6

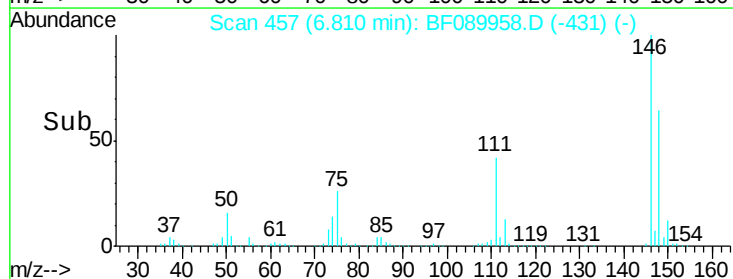
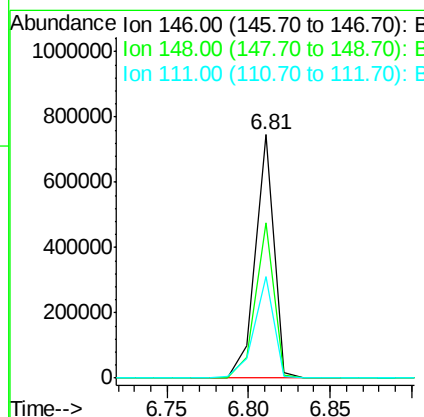
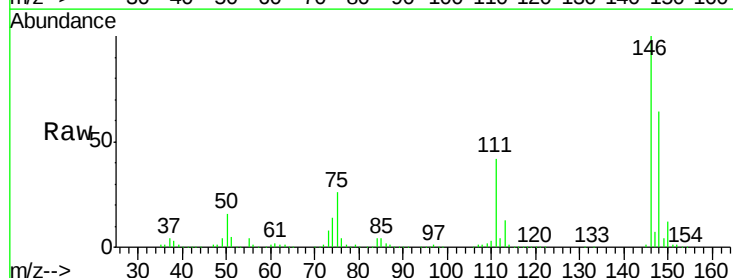
Manual Integrations
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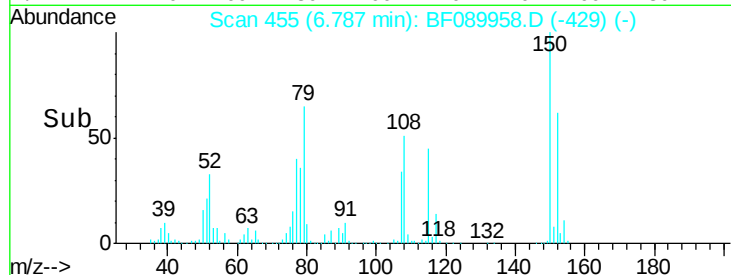
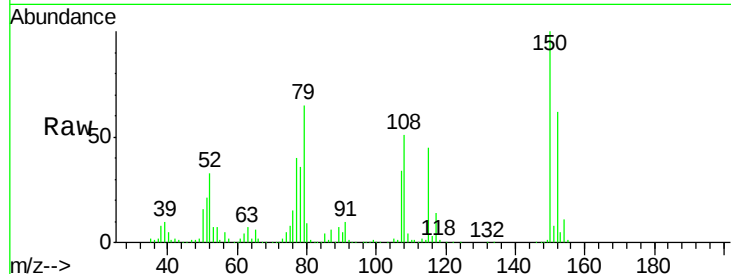
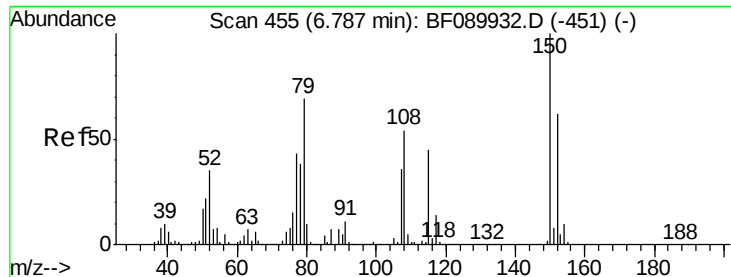
SOHIL
 9/1/2016 11:54:25 AM



#14
 1,2-Dichlorobenzene
 Concen: 48.06 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	41.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 47.58 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	79	Resp:	400488
Ion	Ratio	Lower	Upper
79	100		
108	77.6	62.1	93.1
77	62.1	50.1	75.1

Instrument :

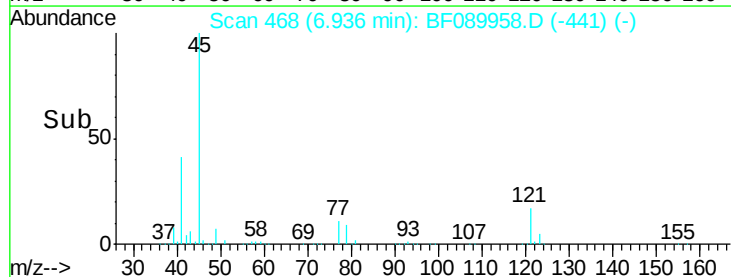
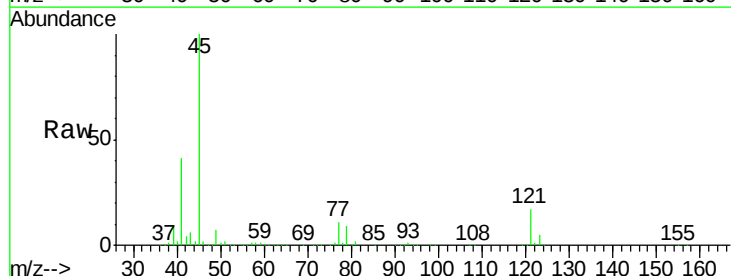
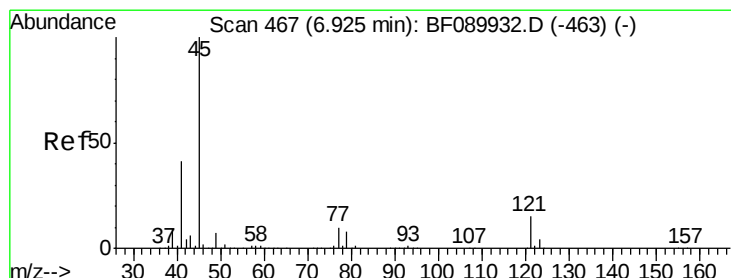
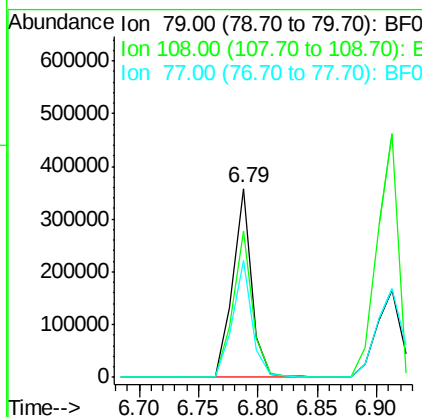
BNA_F

ClientSampleId :

MSP-BPMMSD

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.25 ng

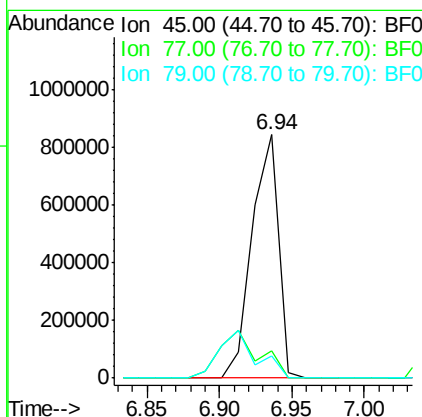
RT: 6.94 min Scan# 468

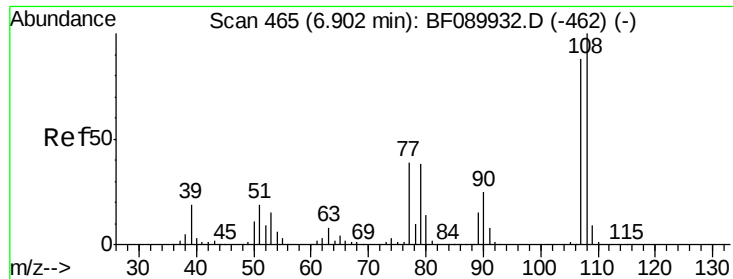
Delta R.T. 0.01 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	45	Resp:	1065243
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.3
79	8.9	0.0	27.5





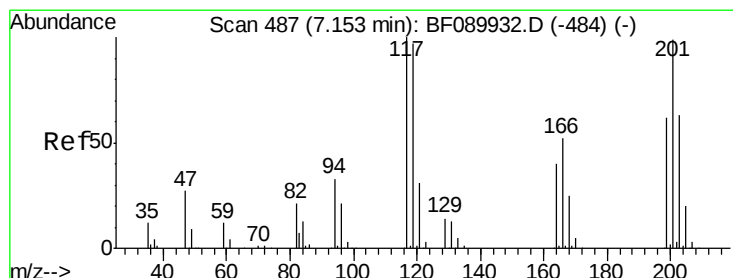
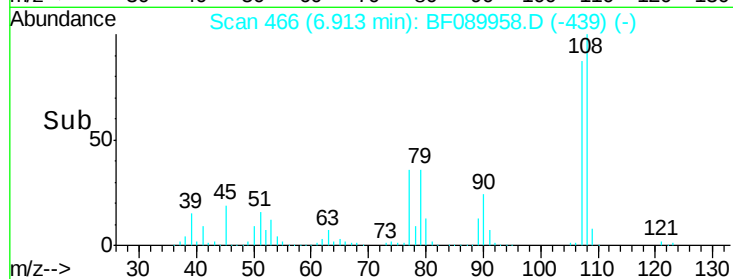
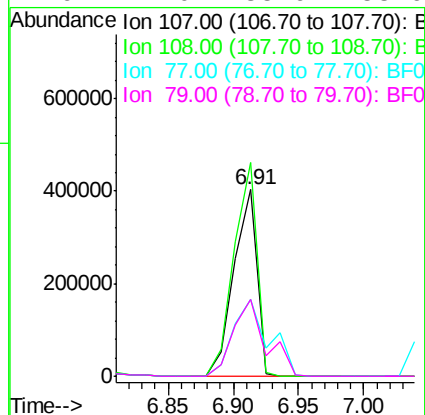
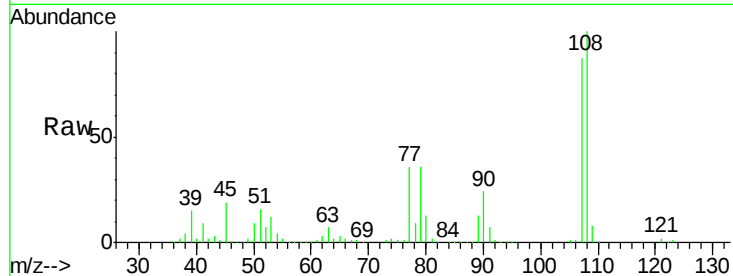
#17
2-Methylphenol
Concen: 51.37 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	492190		
108	114.3	91.8	137.6	
77	41.4	36.0	54.0	
79	41.0	35.9	53.9	

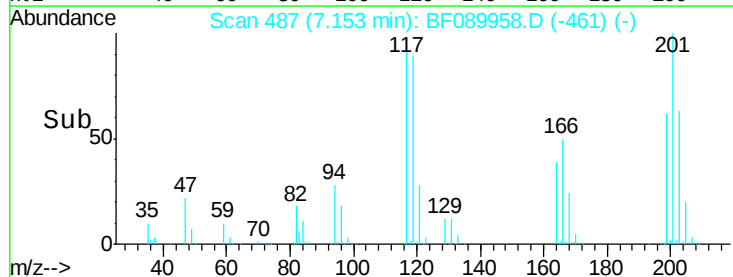
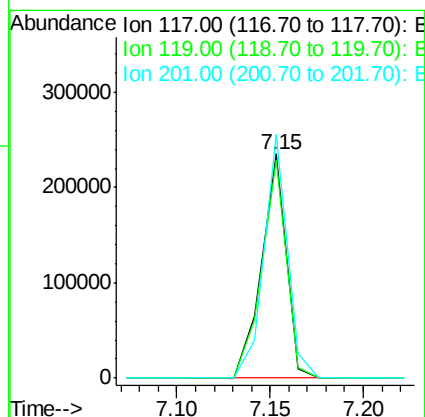
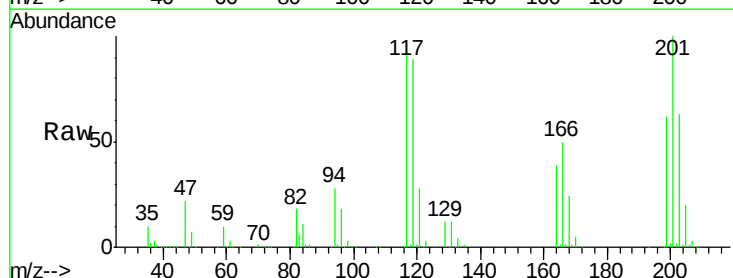
Manual Integrations
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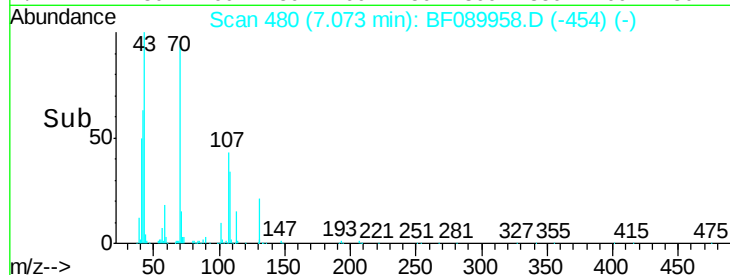
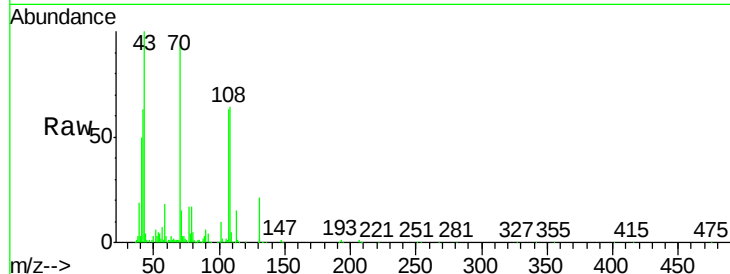
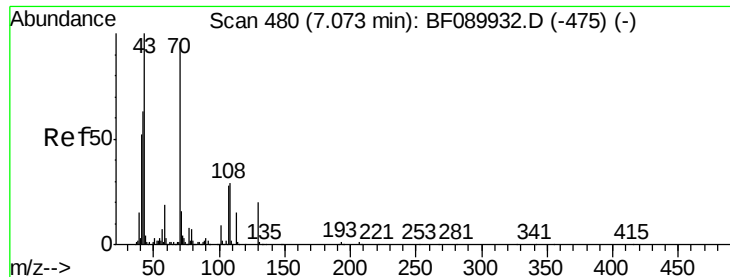
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#18
Hexachloroethane
Concen: 45.34 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	212896		
119	97.1	76.2	114.2	
201	108.7	80.2	120.2	





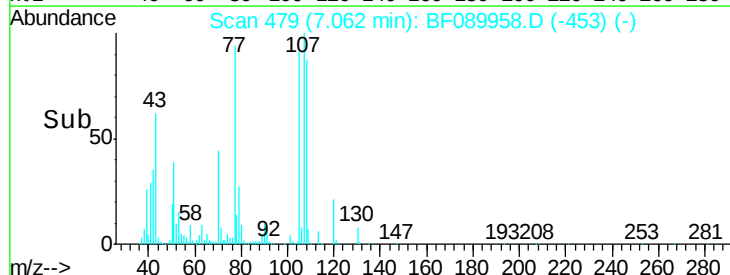
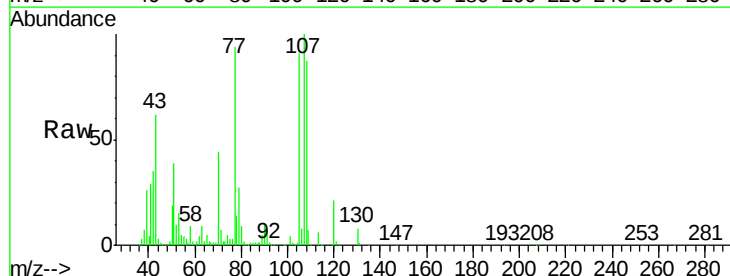
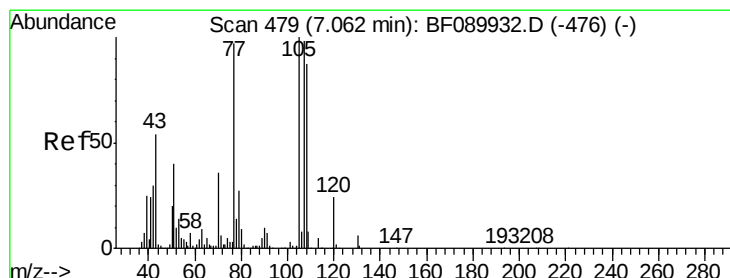
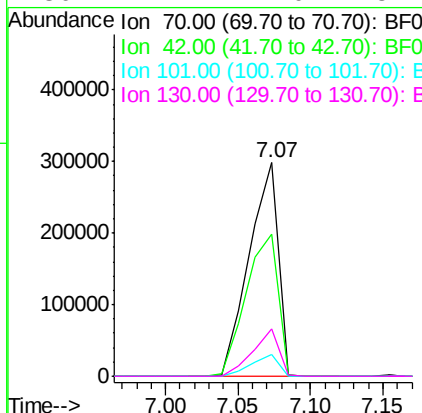
#19
n-Nitroso-di-n-propylamine
Concen: 47.44 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.6	52.1	78.1
101	10.3	7.4	11.2
130	22.1	17.0	25.4

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

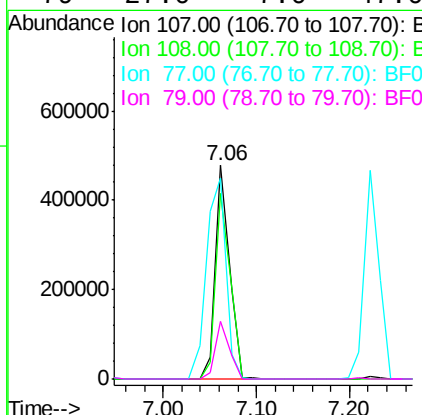
Manual Integrations
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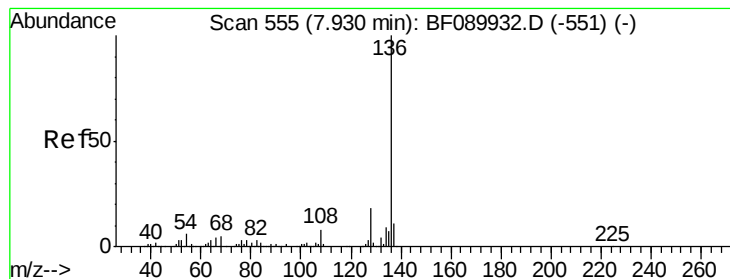
SOHIL
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#20
3+4-Methylphenols
Concen: 43.49 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.2	110.2
77	94.1	75.7	115.7
79	27.0	7.0	47.0





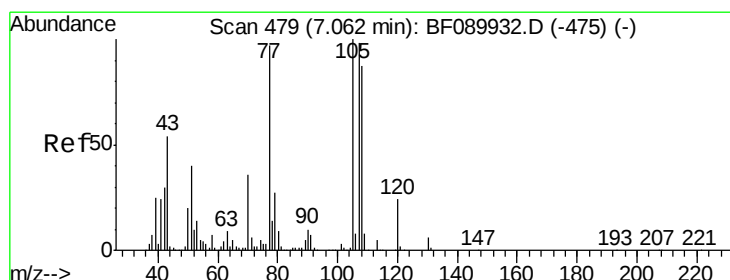
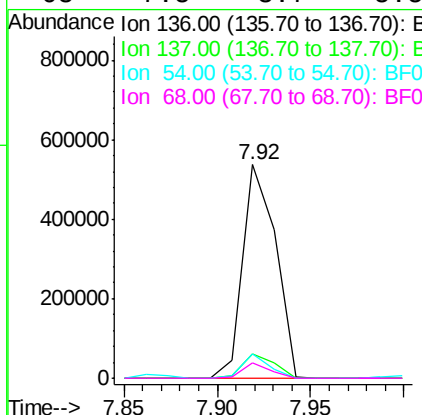
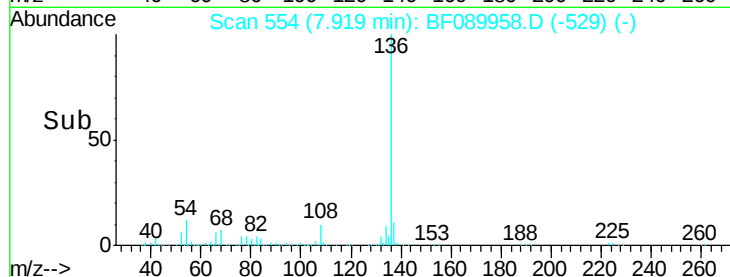
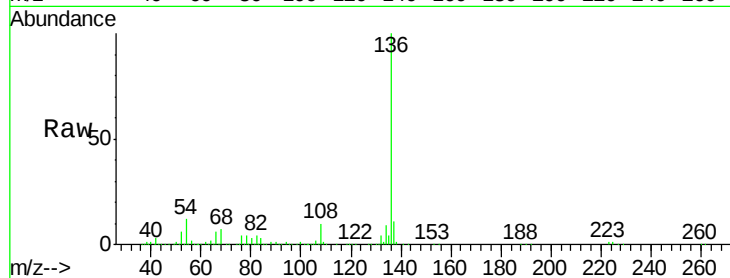
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	656975		
137	11.2	8.3	12.5	
54	11.6	4.8	7.2#	
68	7.5	3.7	5.5#	

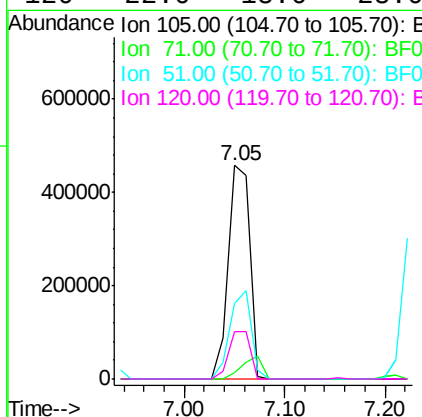
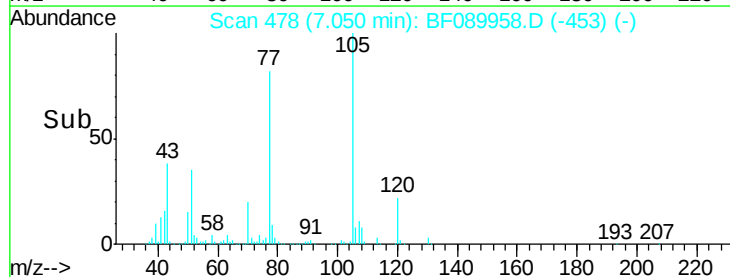
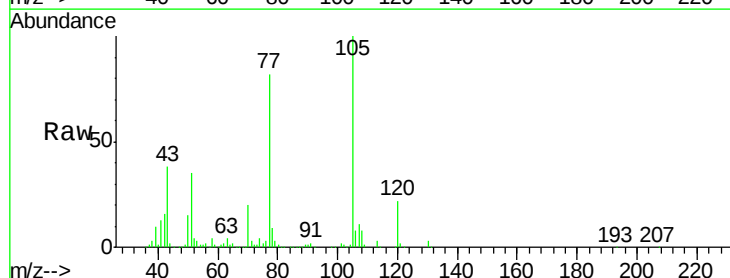
Manual Integrations
APPROVED

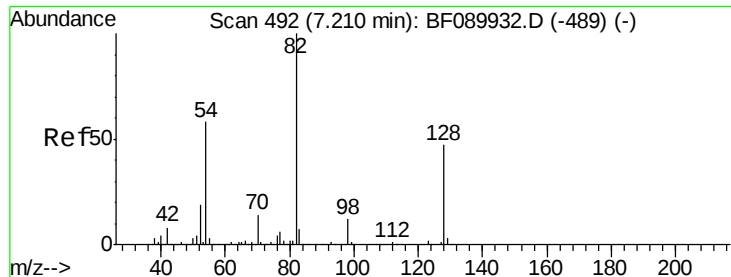
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#22
Acetophenone
Concen: 46.13 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679900		
71	3.3	5.3	7.9#	
51	35.1	32.6	48.8	
120	22.0	18.6	28.0	





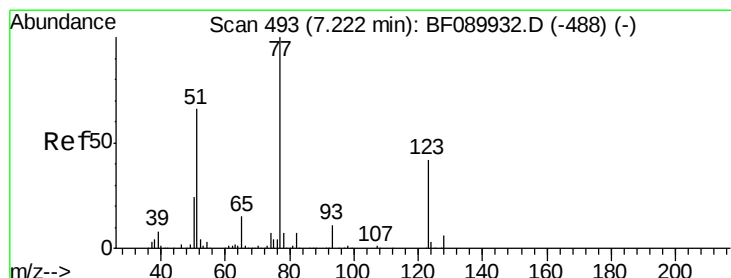
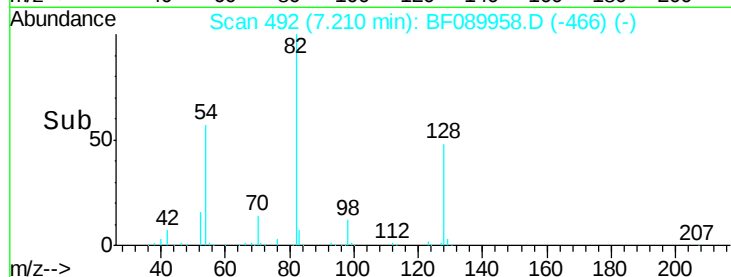
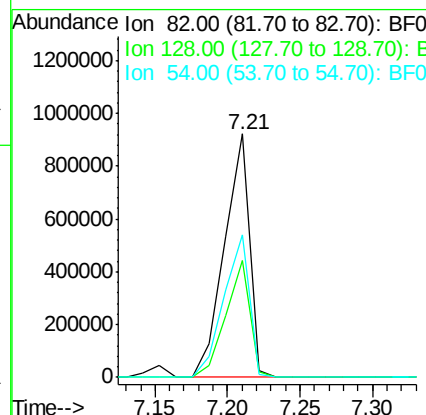
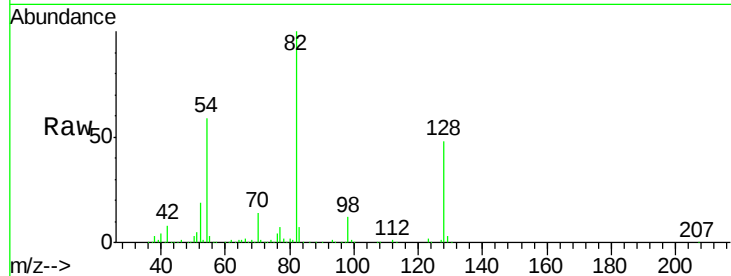
#23
Nitrobenzene-d5
Concen: 97.50 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	58.6	46.9	70.3

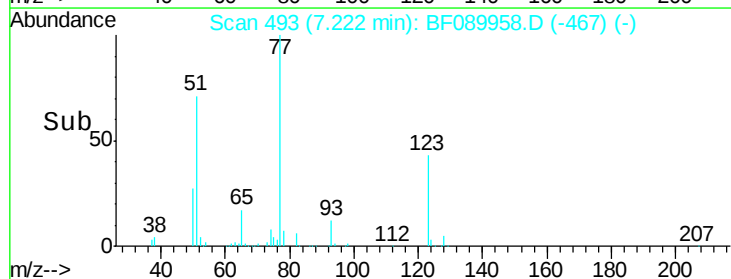
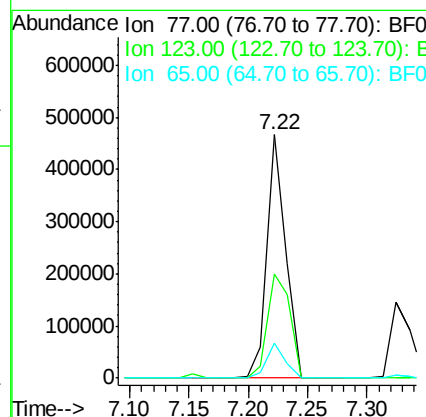
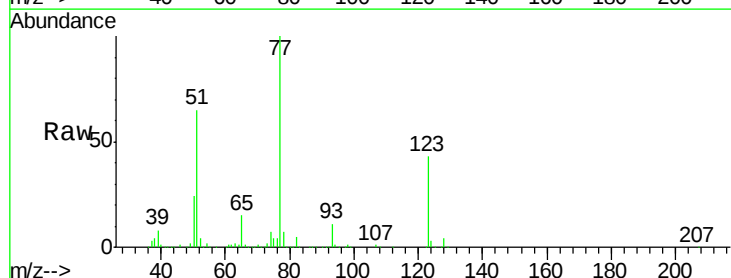
Manual Integrations
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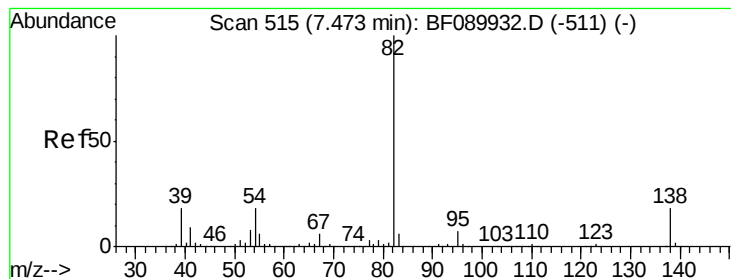
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#24
Nitrobenzene
Concen: 43.02 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	32.0	48.0
65	14.5	11.2	16.8





#25

Isophorone

Concen: 48.02 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion: 82 Resp: 1106187

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

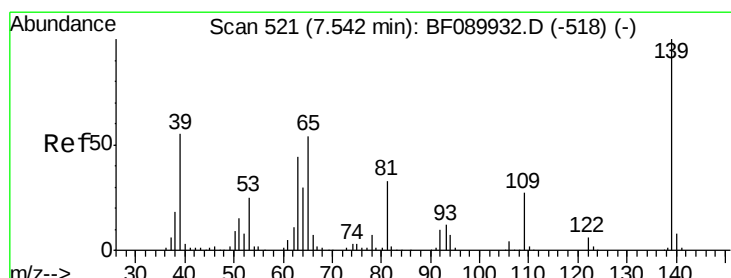
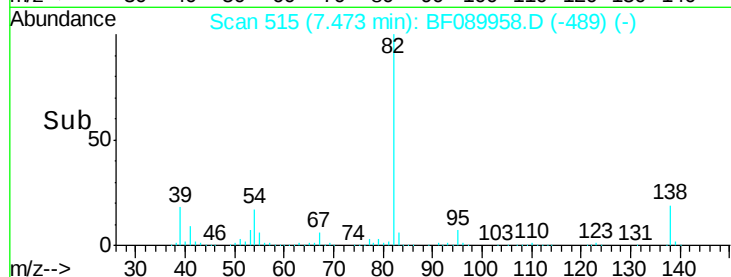
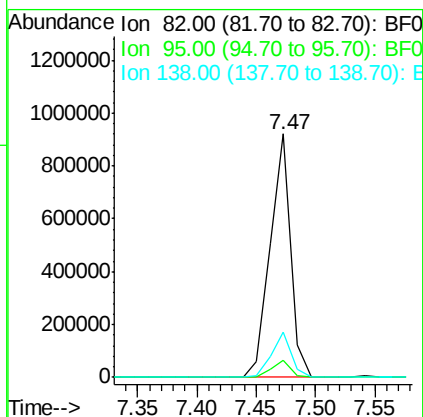
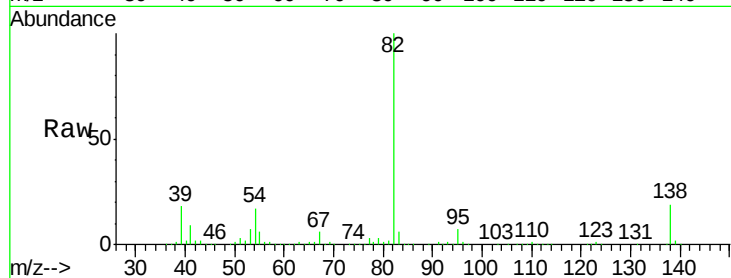
138 18.6 14.4 21.6

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.15 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

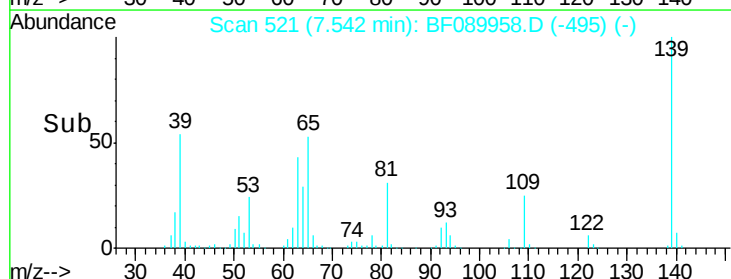
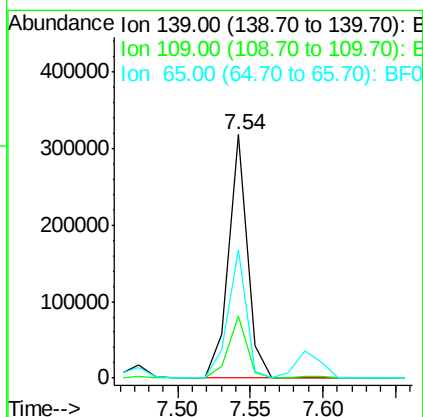
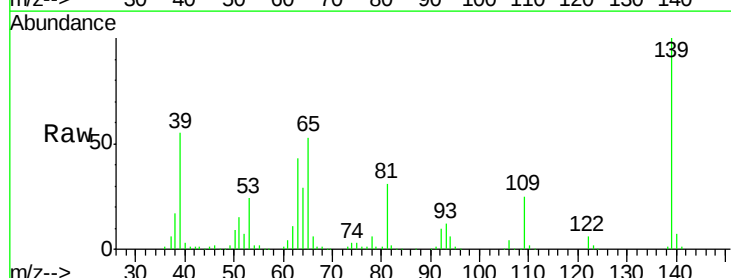
Tgt Ion: 139 Resp: 288715

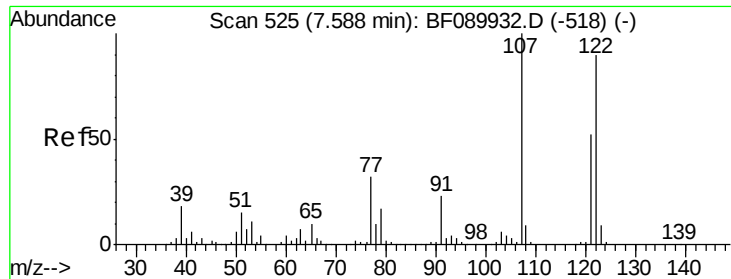
Ion Ratio Lower Upper

139 100

109 25.3 21.0 31.4

65 52.5 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 49.55 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

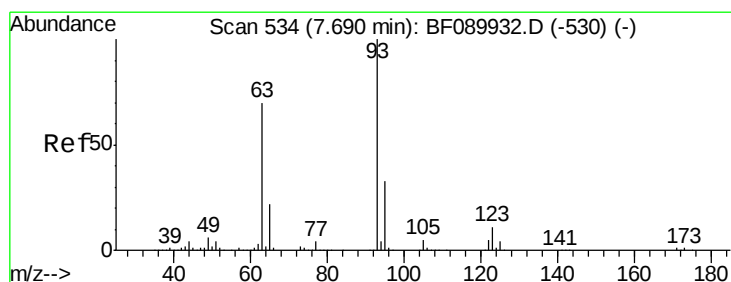
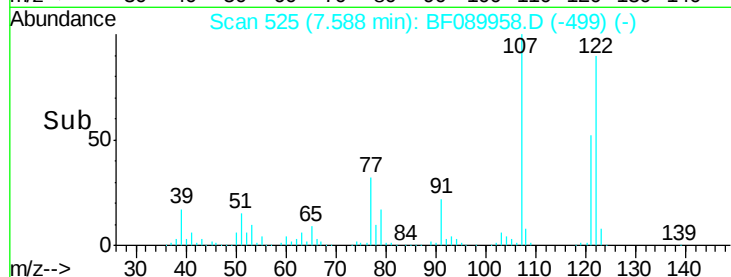
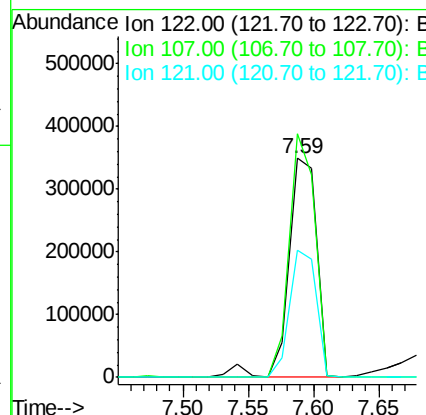
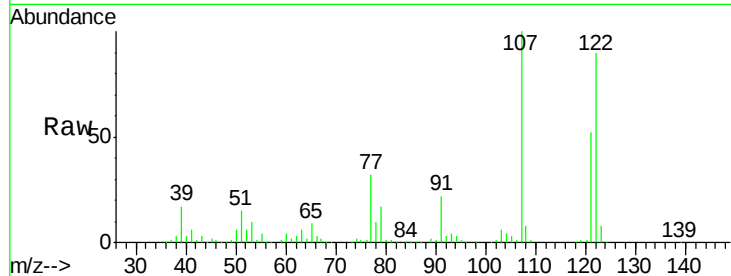
ClientSampleId :

MSP-BPMMSD

Tgt Ion:	122	Resp:	527691
Ion Ratio	Lower	Upper	
122	100		
107	111.3	88.5	132.7
121	57.9	46.0	69.0

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9/1/2016 11:54:25 AM



#28

bis(2-Chloroethoxy)methane

Concen: 53.00 ng

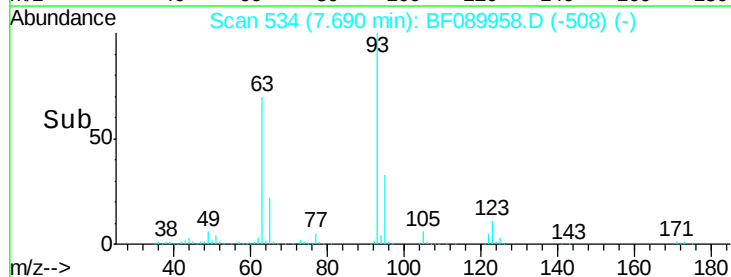
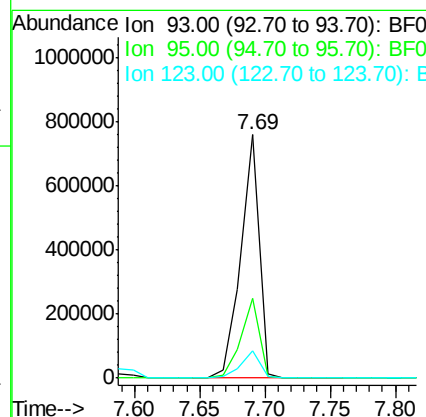
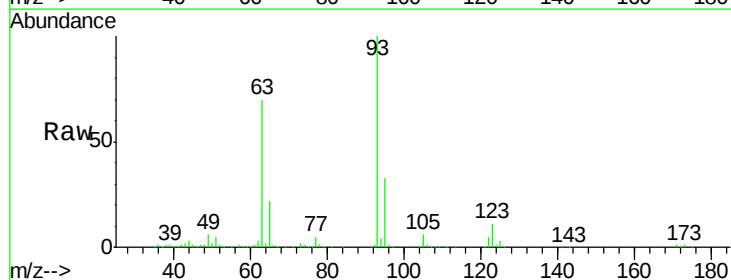
RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	93	Resp:	736335
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	40.0
123	11.4	9.1	13.7





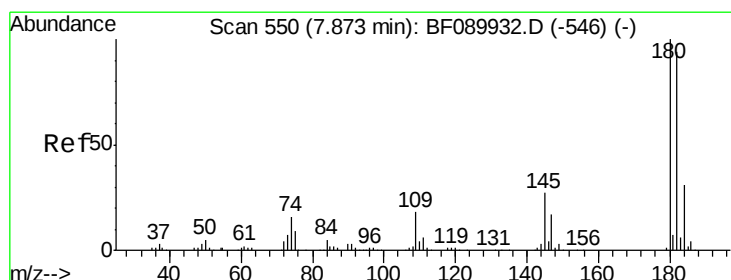
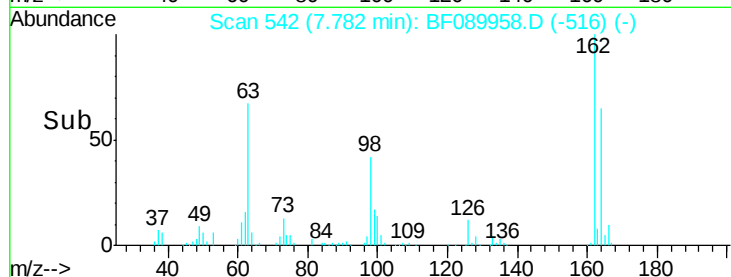
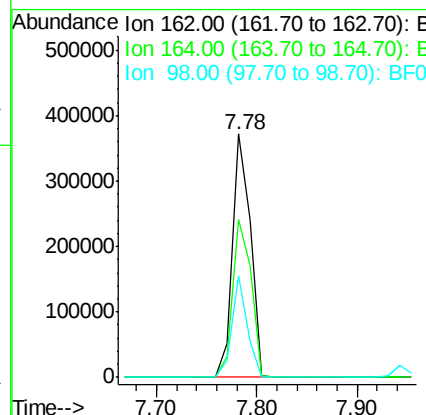
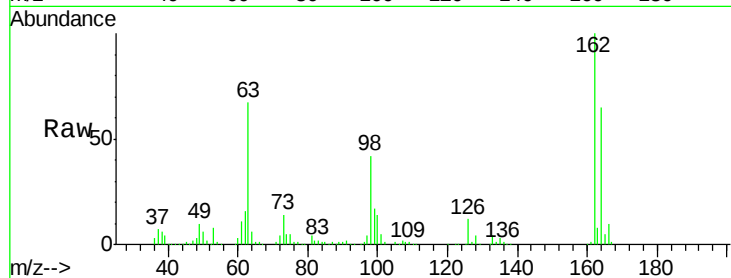
#29
2,4-Dichlorophenol
Concen: 48.24 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	46.6	86.6
98	41.7	22.0	62.0

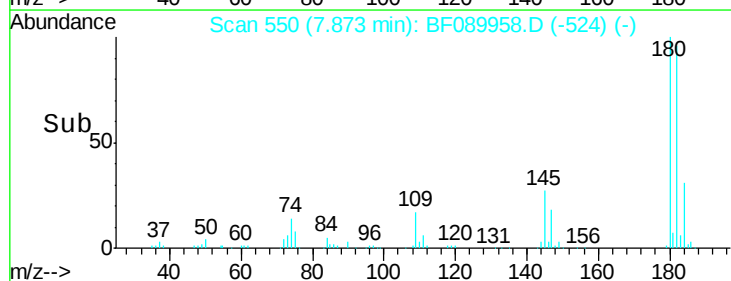
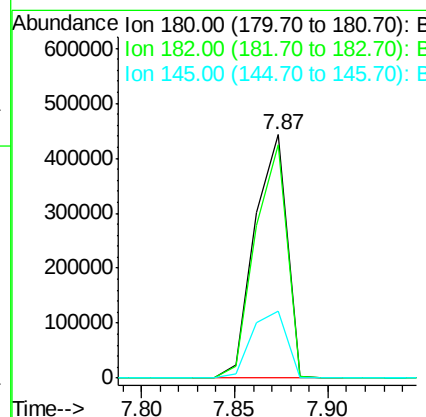
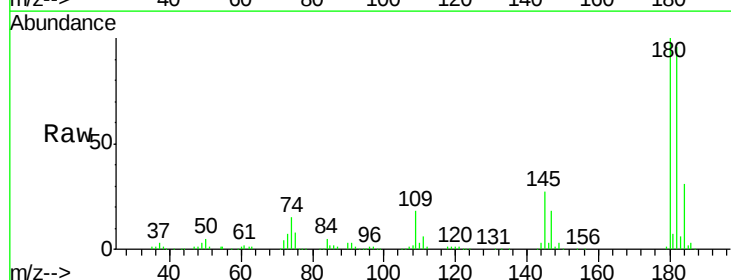
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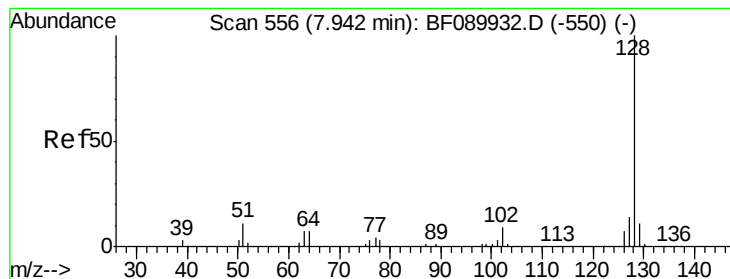
SOHIL
9/1/2016 11:54:25 AM



#30
1,2,4-Trichlorobenzene
Concen: 50.66 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.2	114.2
145	27.4	22.2	33.4





#31

Naphthalene

Concen: 45.17 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion:128 Resp: 1478490

Ion Ratio Lower Upper

128 100

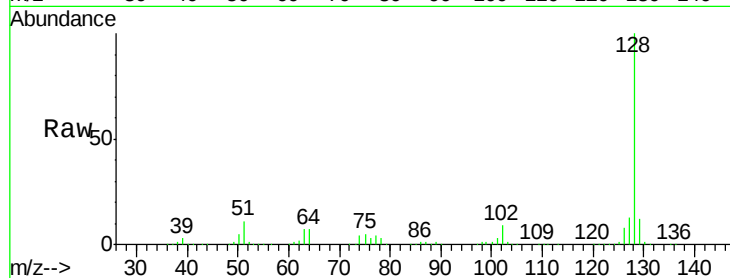
129 11.7 9.4 14.0

127 13.3 10.7 16.1

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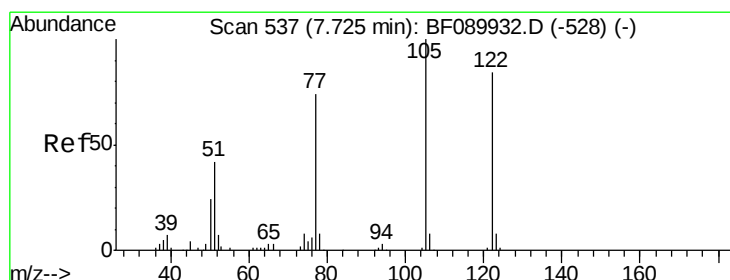
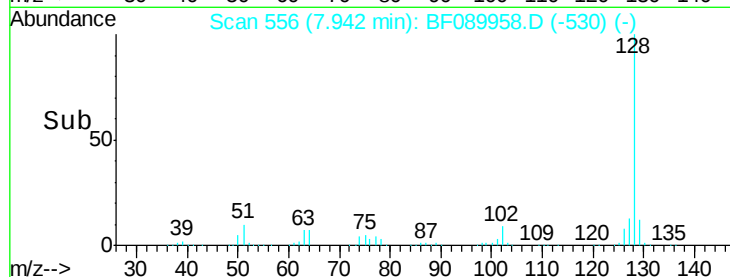
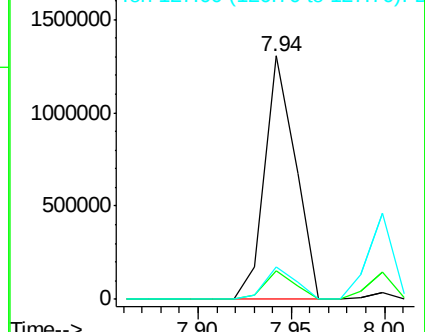
9/1/2016 11:54:25 AM



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: 20.20 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

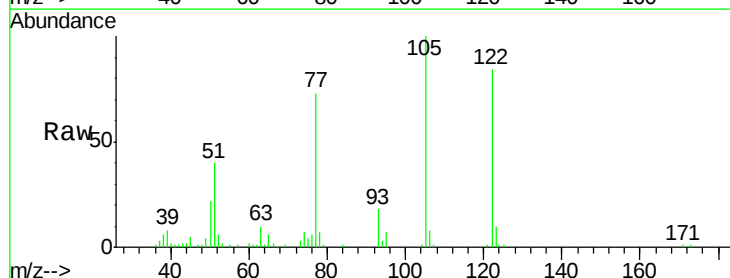
Tgt Ion:122 Resp: 144939

Ion Ratio Lower Upper

122 100

105 119.3 102.2 142.2

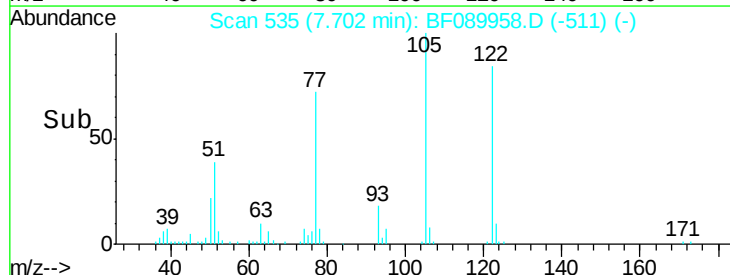
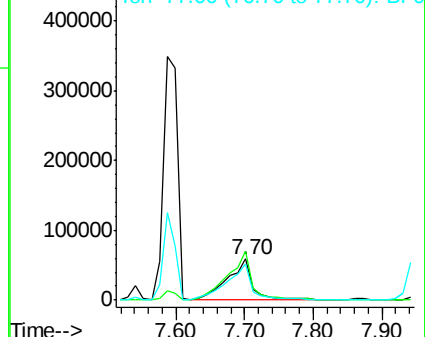
77 87.4 74.1 114.1

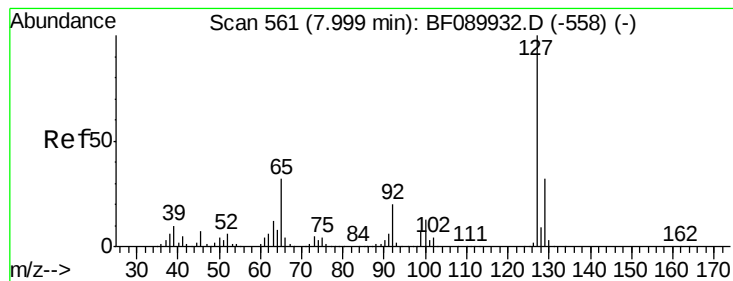


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





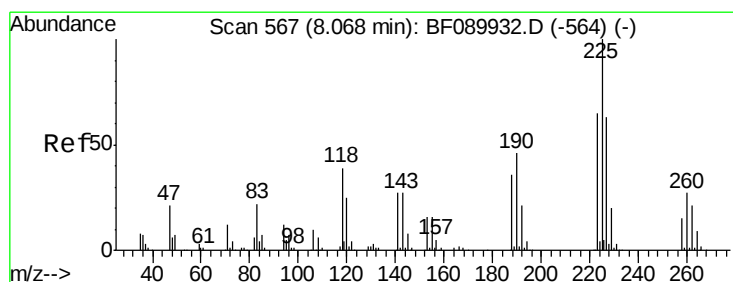
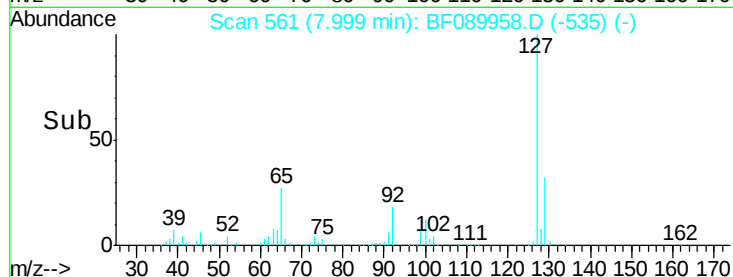
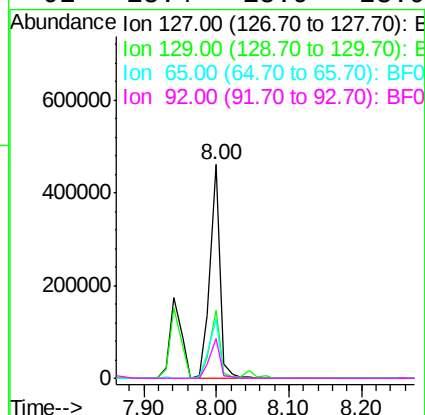
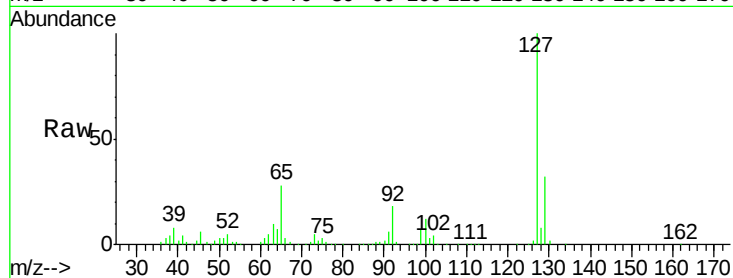
#33
4-Chloroaniline
Concen: 33.75 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion:	127	Resp:	445678
Ion Ratio		Lower	Upper
127	100		
129	31.9	25.9	38.9
65	27.7	26.0	39.0
92	18.4	15.9	23.9

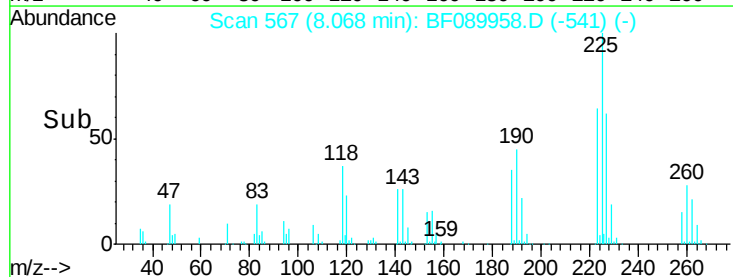
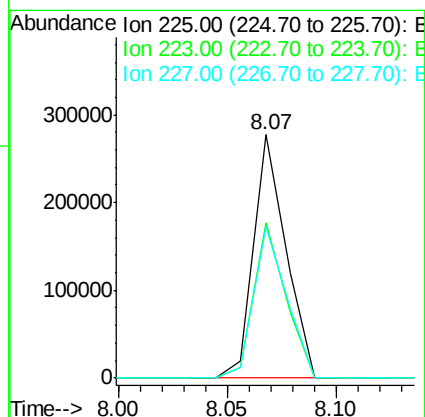
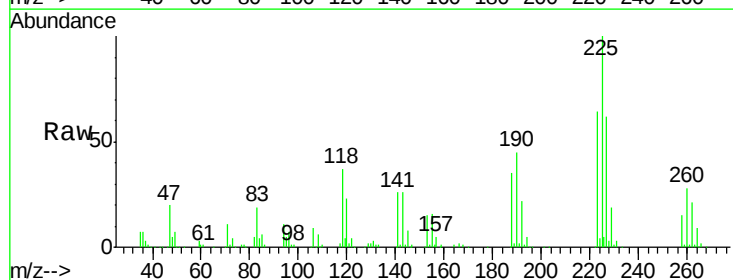
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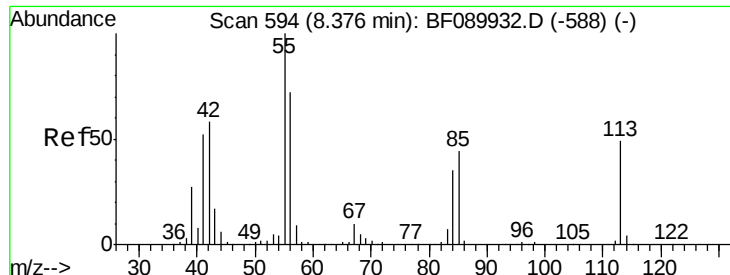
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#34
Hexachlorobutadiene
Concen: 46.84 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion:	225	Resp:	286525
Ion Ratio		Lower	Upper
225	100		
223	63.9	52.6	78.8
227	62.2	50.8	76.2





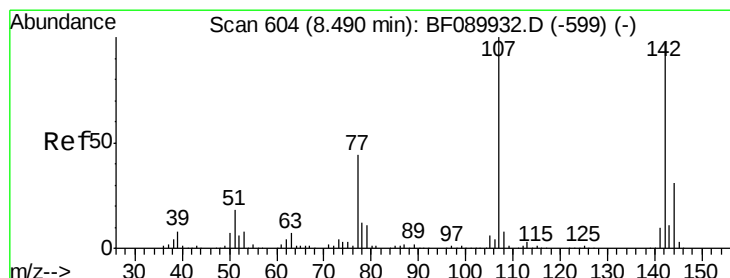
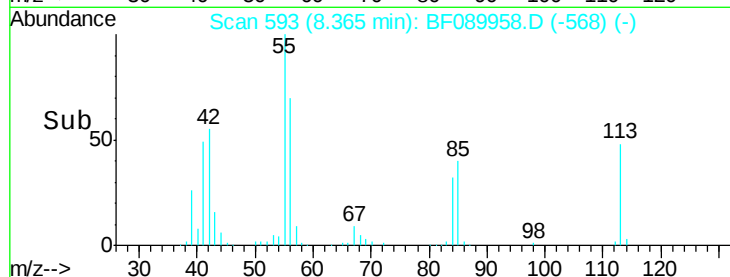
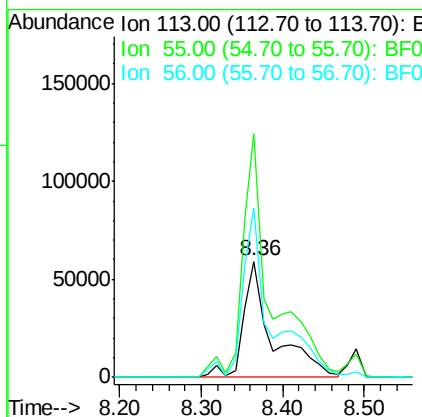
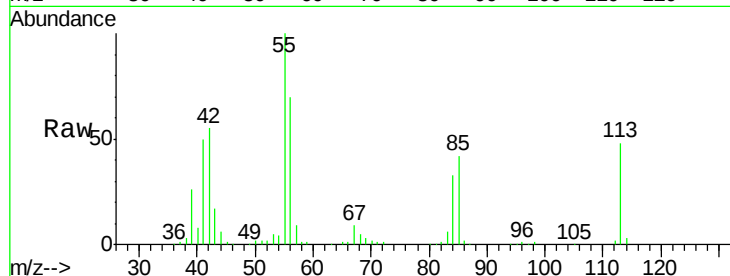
#35
 Caprolactam
 Concen: 48.98 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	210.3	178.5	218.5
56	146.3	122.7	162.7

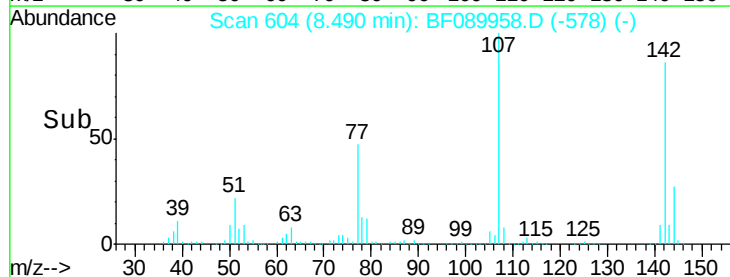
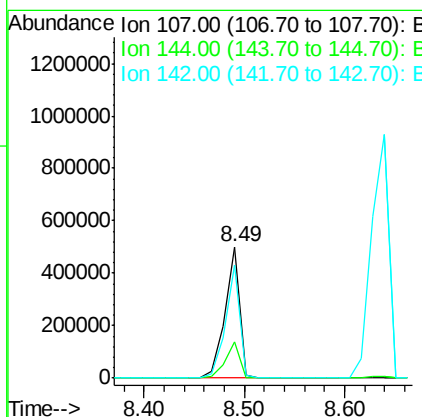
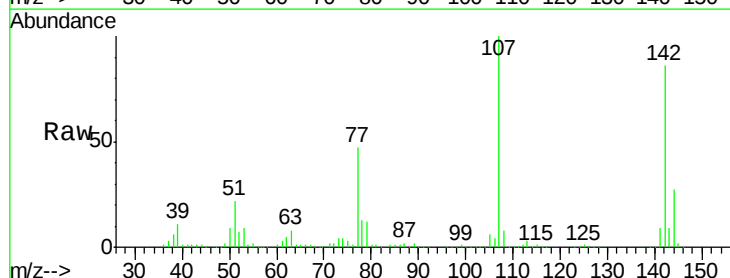
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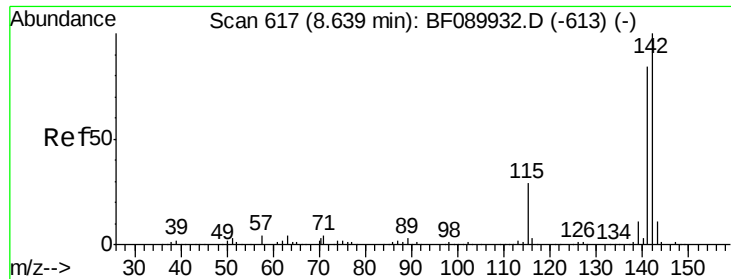
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 9/1/2016 11:54:25 AM



#36
 4-Chloro-3-methylphenol
 Concen: 50.26 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	25.8	38.8
142	86.1	79.2	118.8





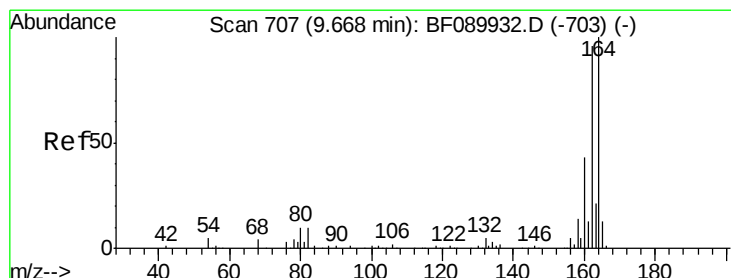
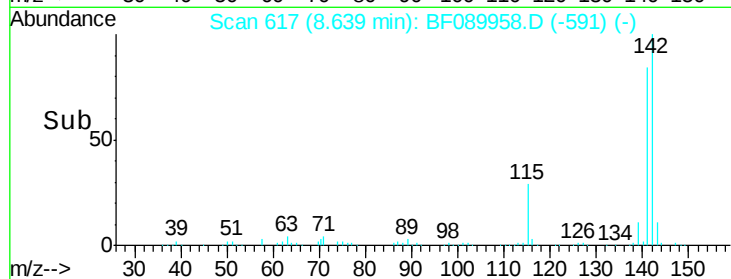
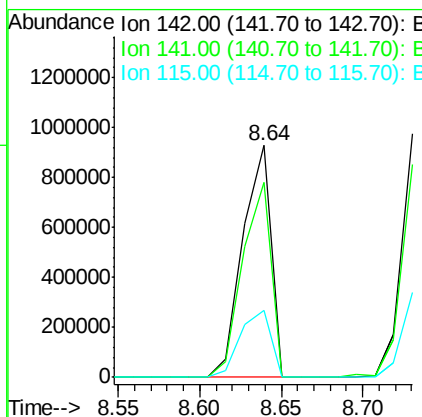
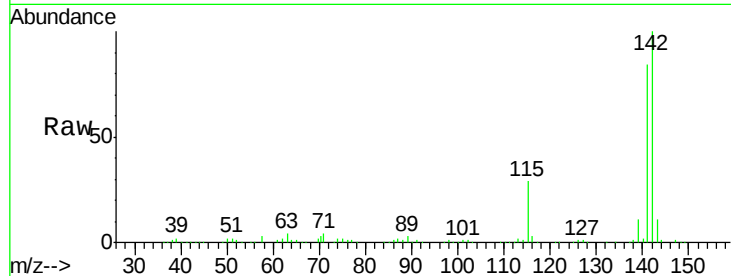
#37
2-Methylnaphthalene
Concen: 51.50 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion:142 Resp: 1113779
Ion Ratio Lower Upper
142 100
141 84.2 68.3 102.5
115 29.0 23.8 35.8

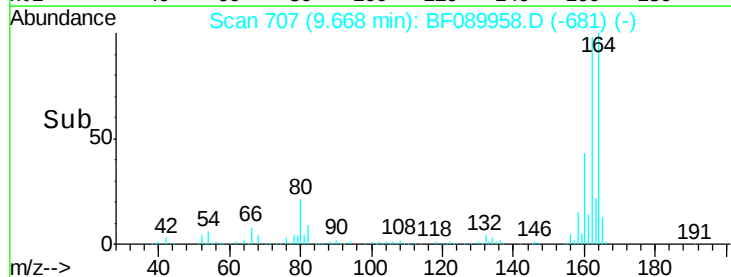
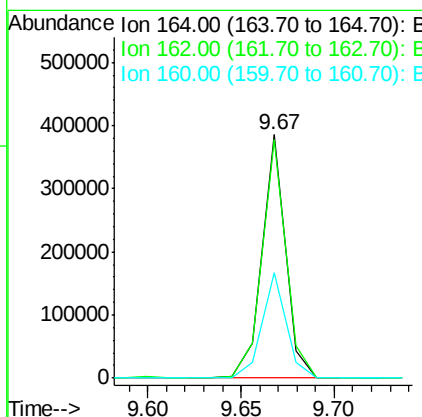
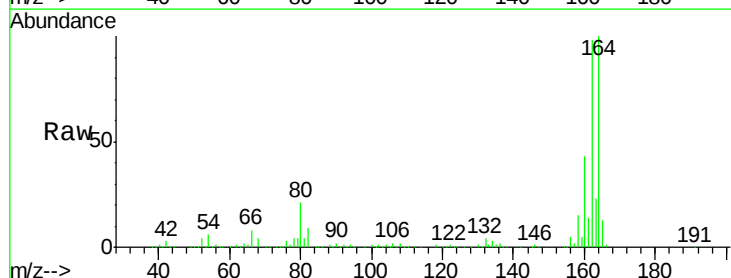
Manual Integrations
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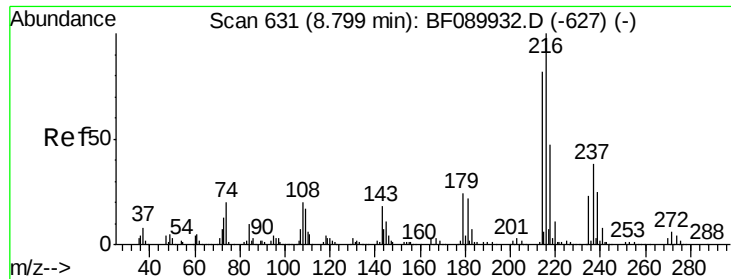
SOHIL
9/1/2016 11:54:25 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion:164 Resp: 333256
Ion Ratio Lower Upper
164 100
162 97.9 77.1 115.7
160 43.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.01 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

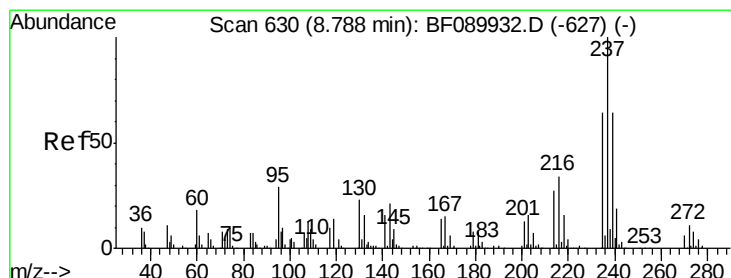
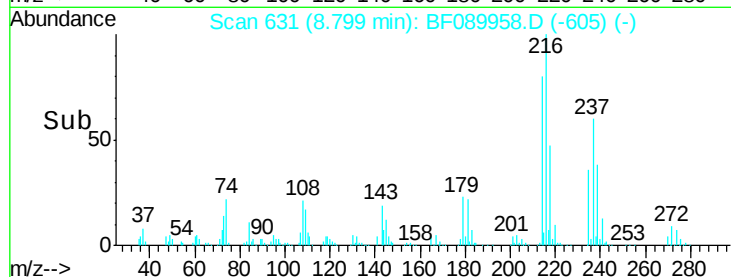
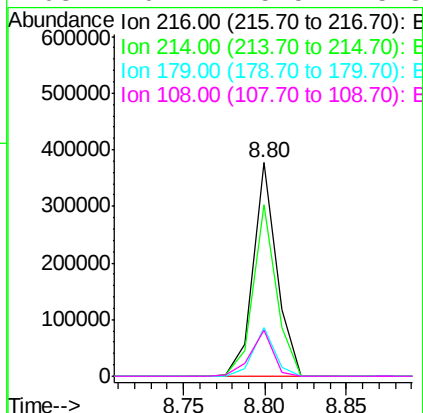
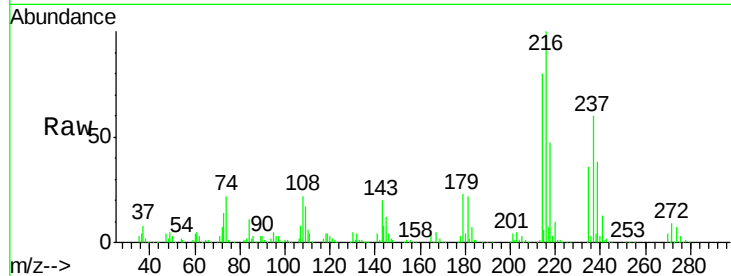
ClientSampleId :

MSP-BPMMSD

Tgt Ion:	216	Resp:	380879
Ion Ratio		Lower	Upper
216	100		
214	78.6	63.4	95.2
179	20.9	17.3	25.9
108	20.4	15.5	23.3

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 74.46 ng

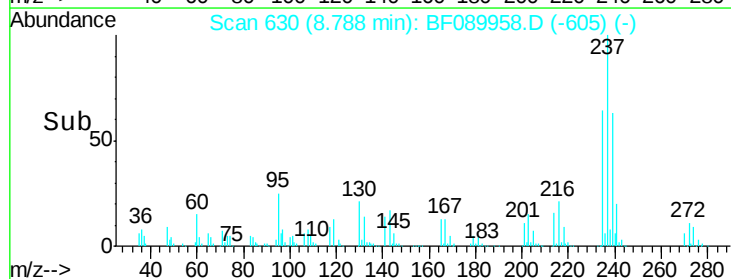
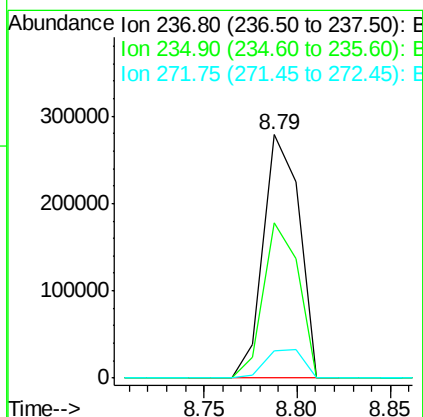
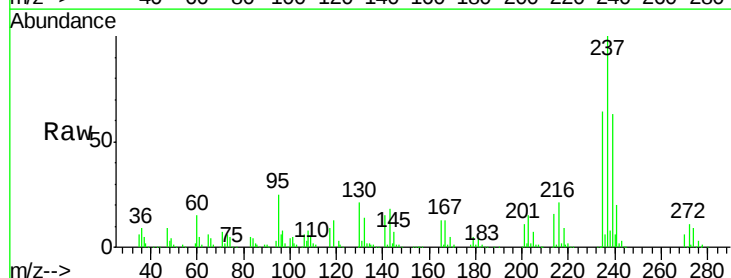
RT: 8.79 min Scan# 630

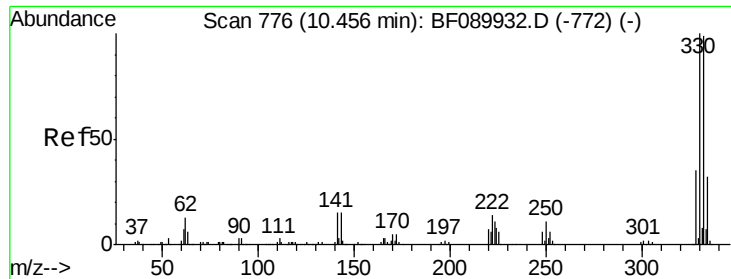
Delta R.T. -0.01 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	237	Resp:	372739
Ion Ratio		Lower	Upper
237	100		
235	63.9	39.6	79.6
272	11.4	0.0	34.6





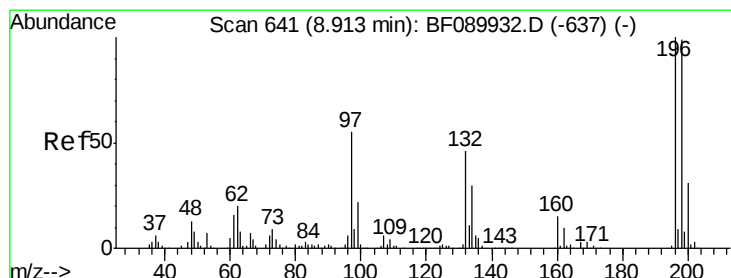
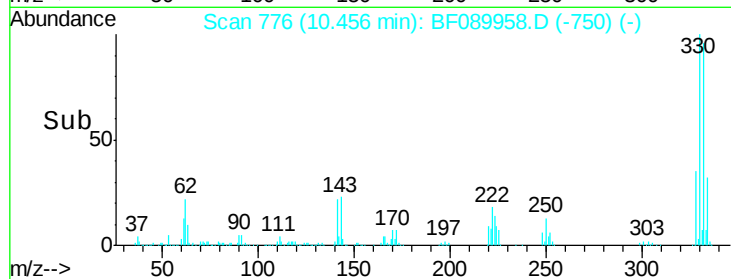
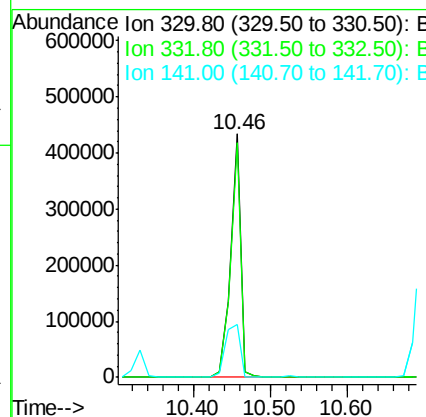
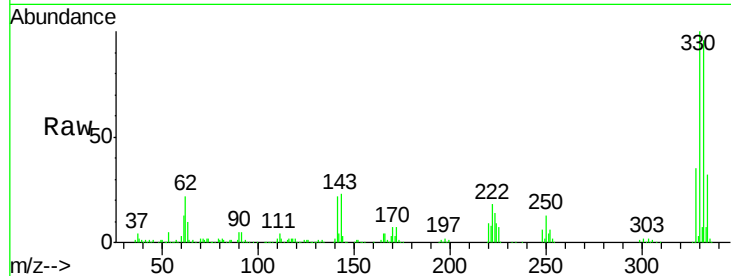
#41
 2,4,6-Tribromophenol
 Concen: 124.95 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	410818		
332	96.4	78.6	117.8	
141	32.2	23.3	34.9	

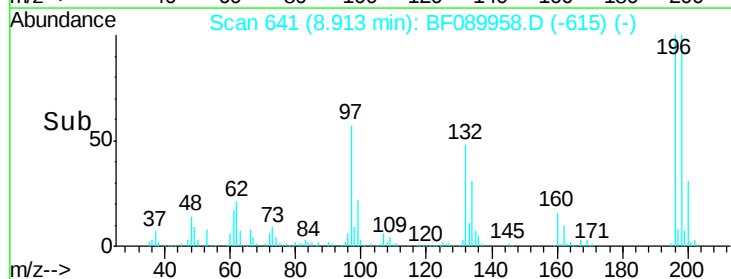
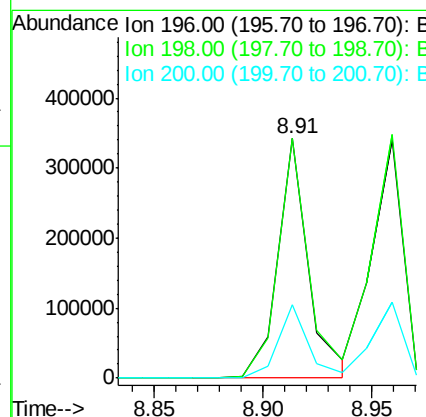
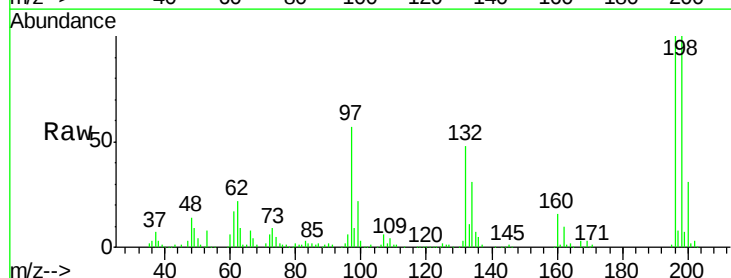
Manual Integrations
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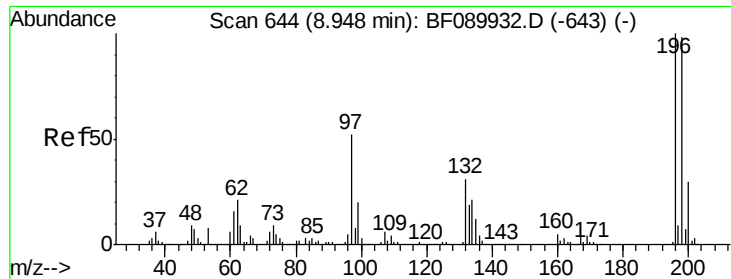
SOHIL
 9/1/2016 11:54:25 AM



#42
 2,4,6-Trichlorophenol
 Concen: 49.99 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

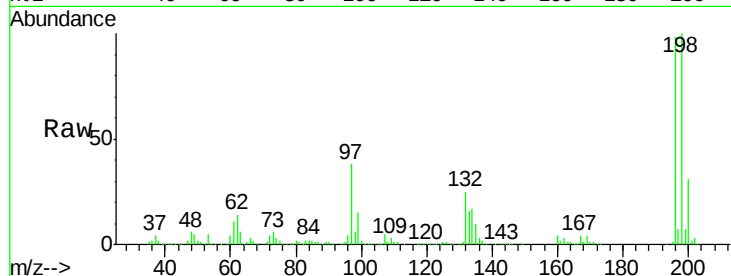
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338191		
198	100.3	78.3	117.5	
200	30.8	24.8	37.2	





#43
 2,4,5-Trichlorophenol
 Concen: 51.66 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

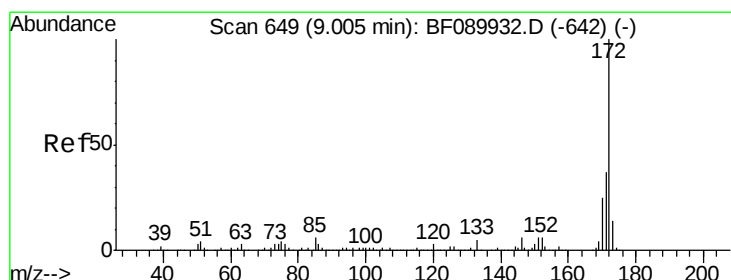
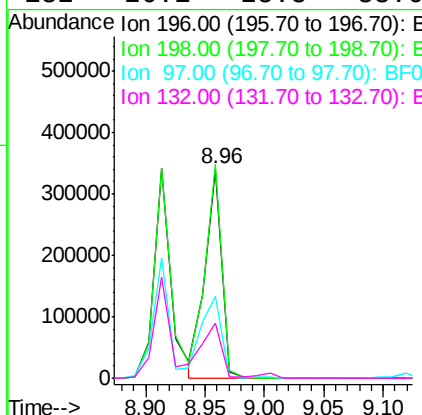
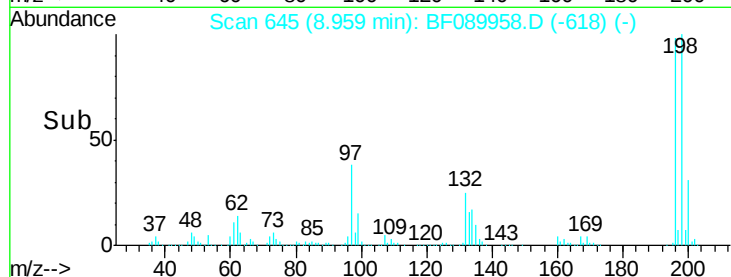
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD



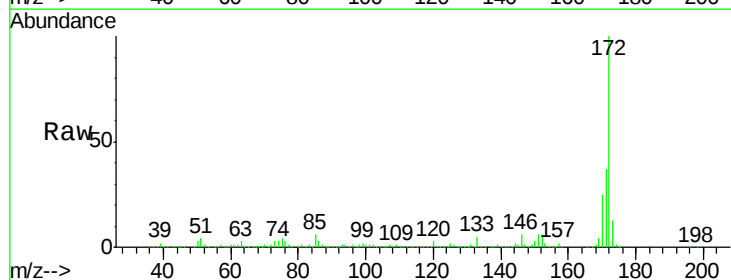
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336084		
198	102.3	80.8	121.2	
97	39.4	44.2	66.4	
132	26.1	25.8	38.6	

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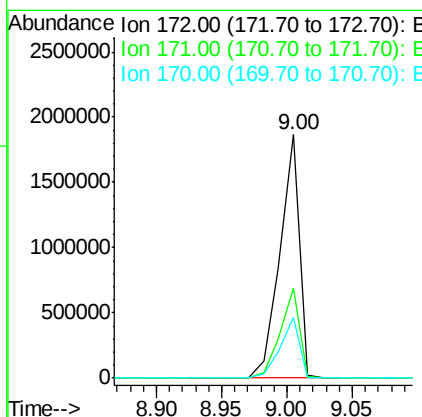
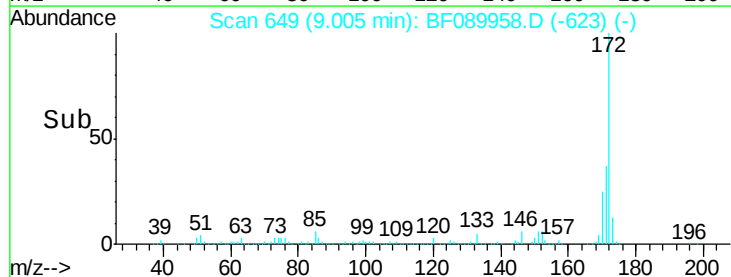
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#44
 2-Fluorobiphenyl
 Concen: 96.61 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1961341		
171	36.9	29.4	44.2	
170	24.9	20.1	30.1	





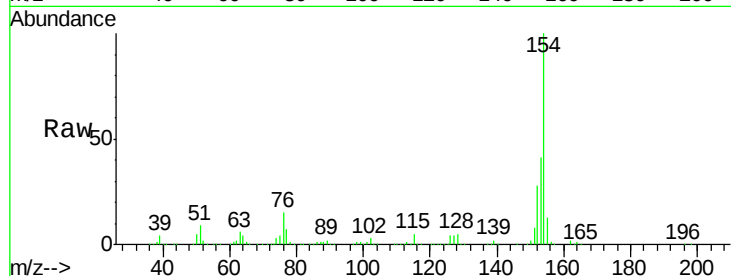
#45
 1,1'-Biphenyl
 Concen: 39.07 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

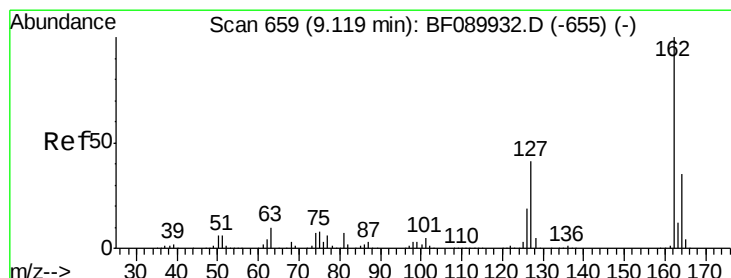
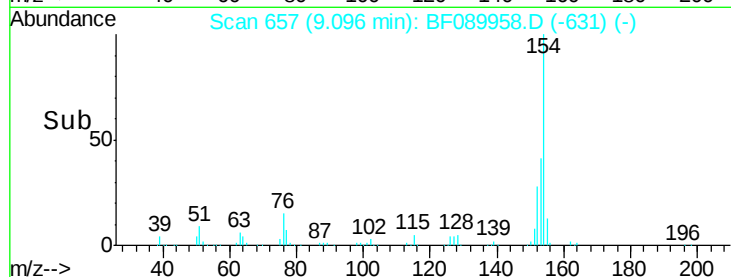
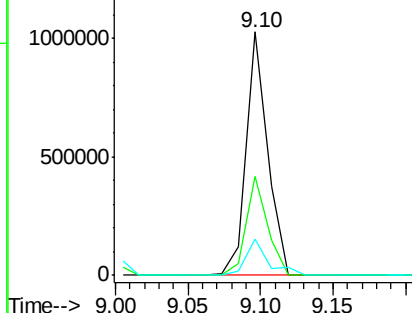
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	14.7	0.0	34.9

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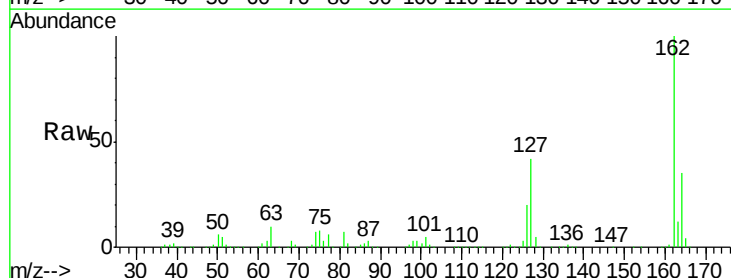


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

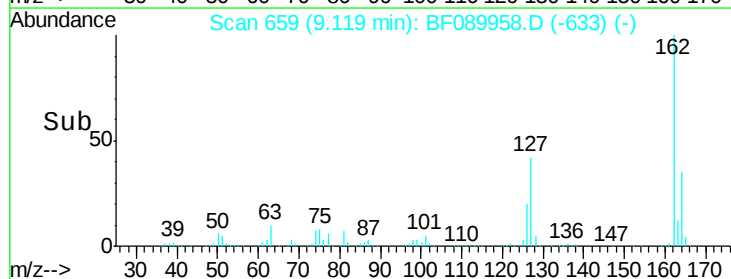
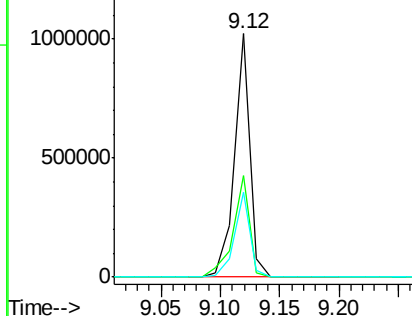


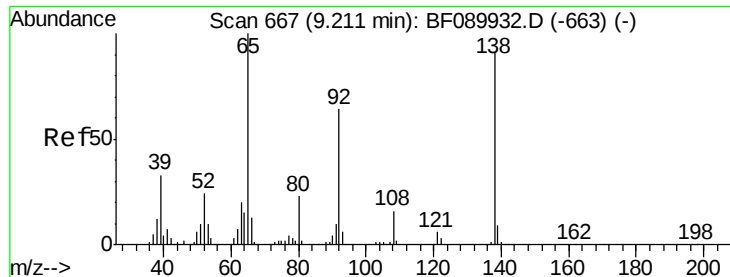
#46
 2-Chloronaphthalene
 Concen: 48.23 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.5	50.3
164	34.8	28.2	42.4



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: 52.38 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion: 65 Resp: 325037
Ion Ratio Lower Upper

65 100

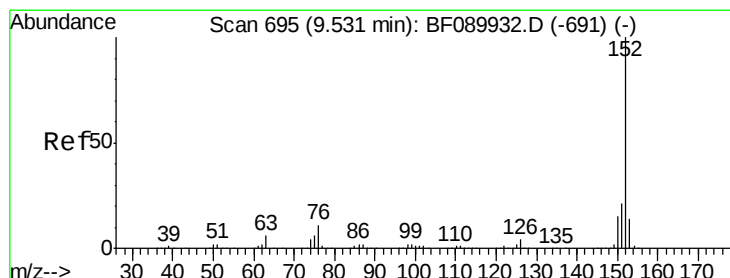
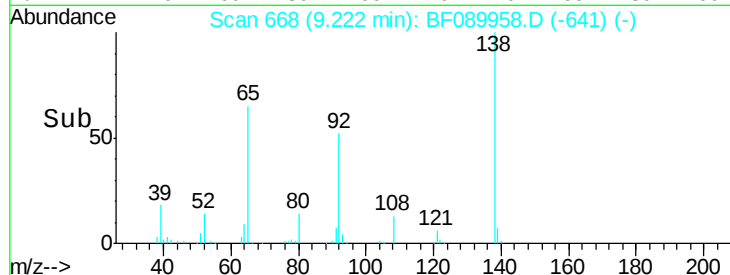
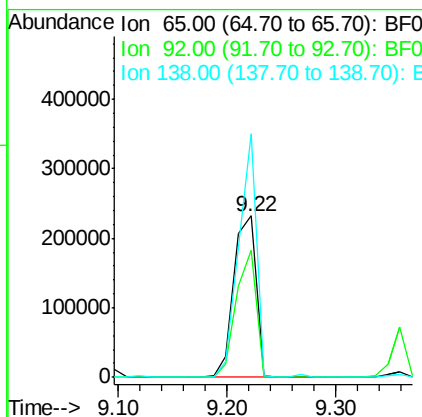
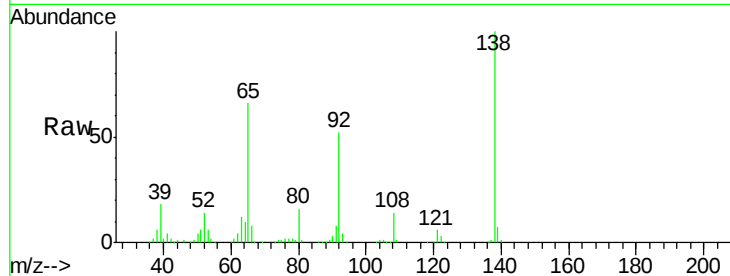
92 78.9 52.0 78.0#

138 150.8 72.1 108.1#

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#48

Acenaphthylene

Concen: 45.29 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089958.D

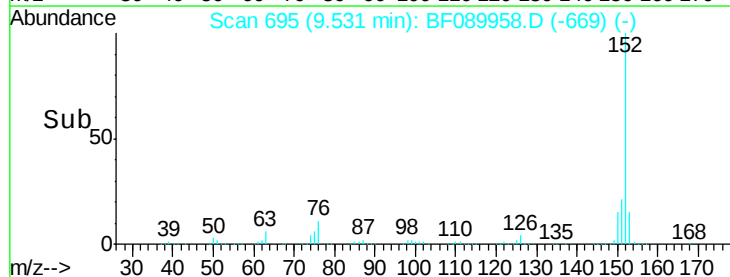
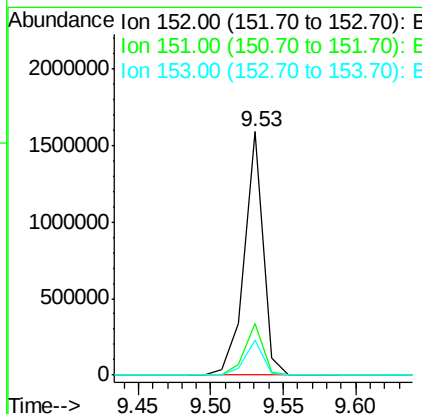
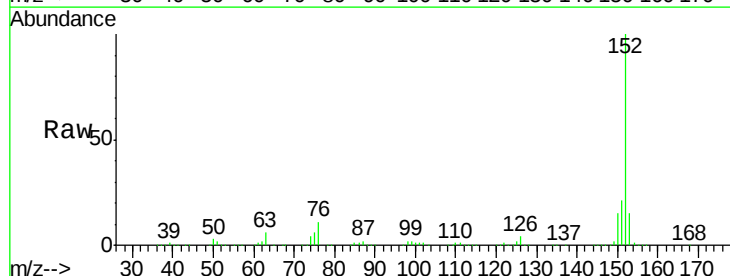
Acq: 31 Aug 2016 18:53

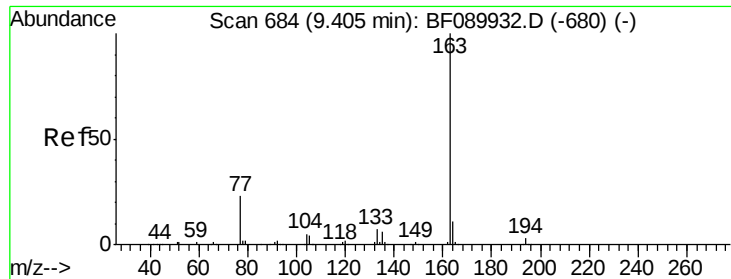
Tgt Ion: 152 Resp: 1421564
Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

153 14.5 11.6 17.4





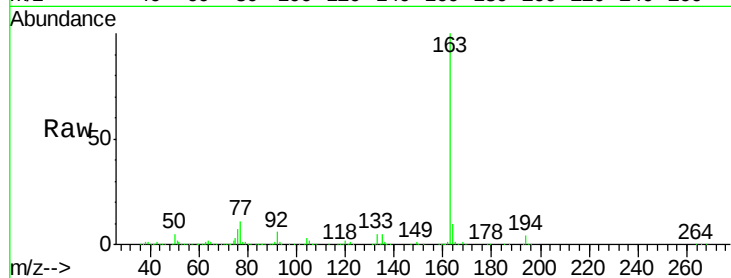
#49
Dimethylphthalate
Concen: 65.80 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

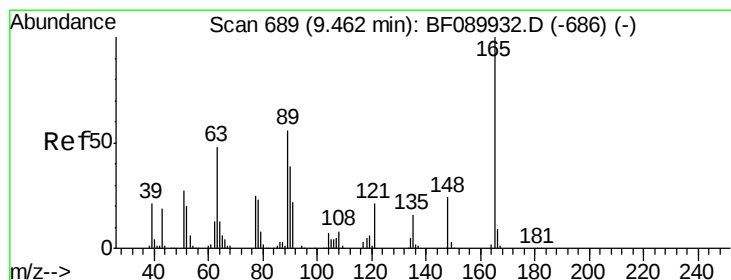
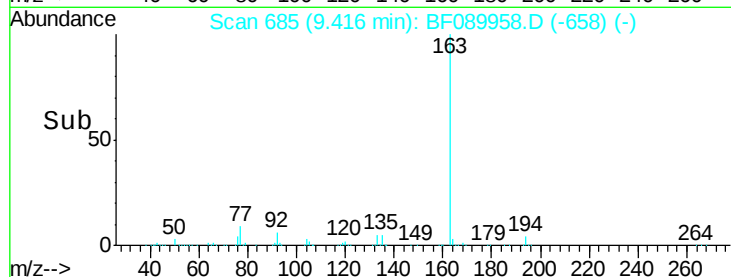
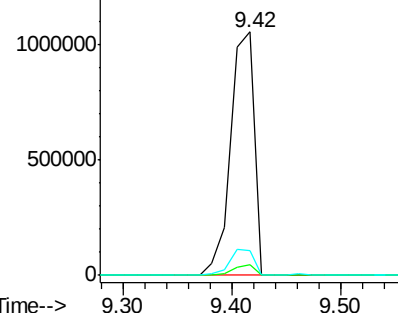
Tgt Ion:163 Resp: 1584875
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 9.0 13.4

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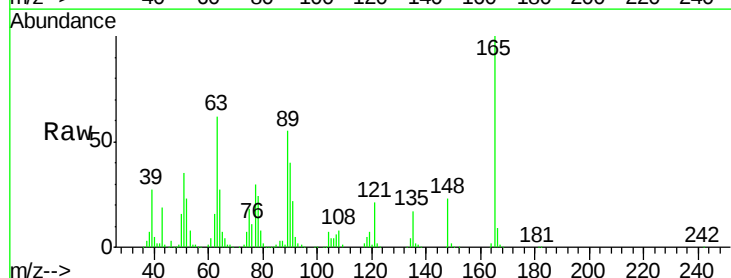


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

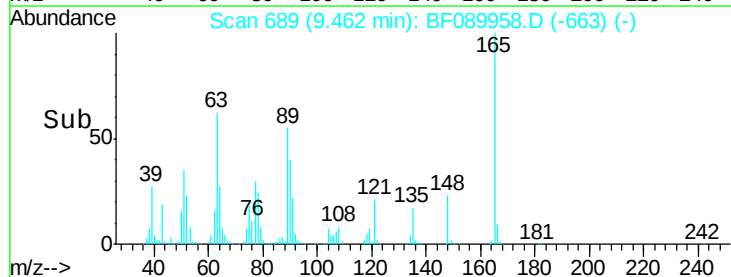
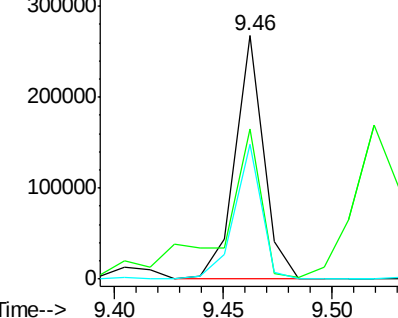


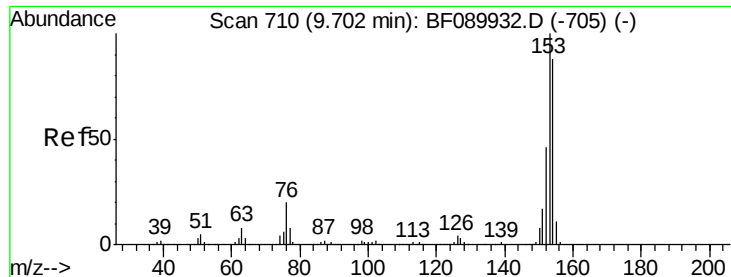
#50
2,6-Dinitrotoluene
Concen: 45.65 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion:165 Resp: 244559
Ion Ratio Lower Upper
165 100
63 61.7 45.0 67.4
89 55.4 41.5 62.3



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: 48.13 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

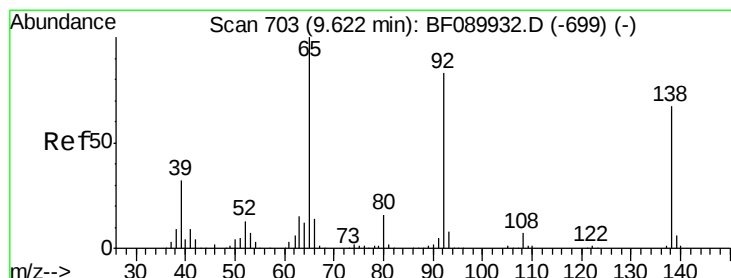
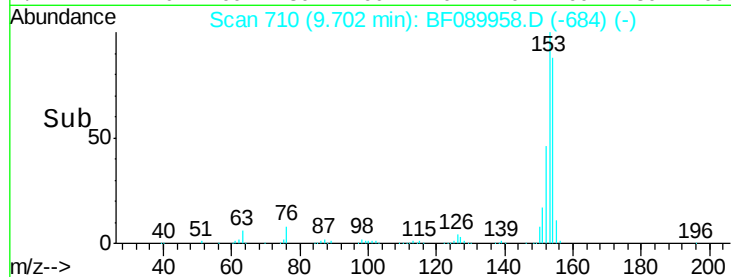
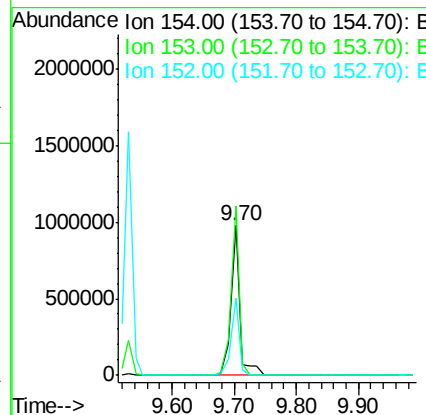
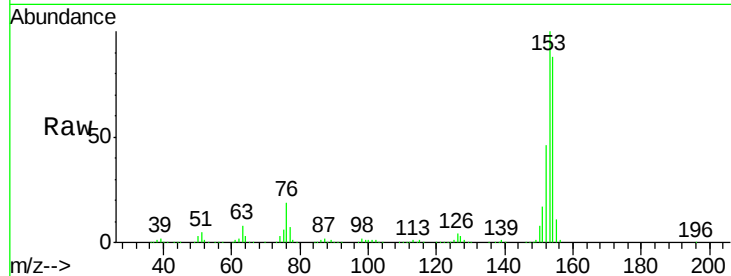
ClientSampleId :

MSP-BPMMSD

Tgt Ion:	154	Resp:	956979
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.6	135.8
152	51.8	42.4	63.6

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#52

3-Nitroaniline

Concen: 31.22 ng

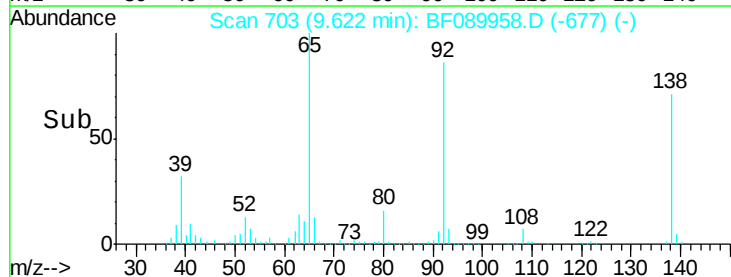
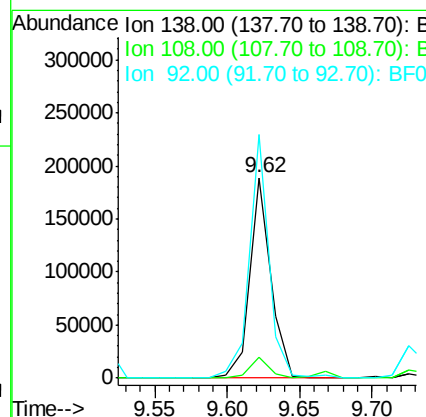
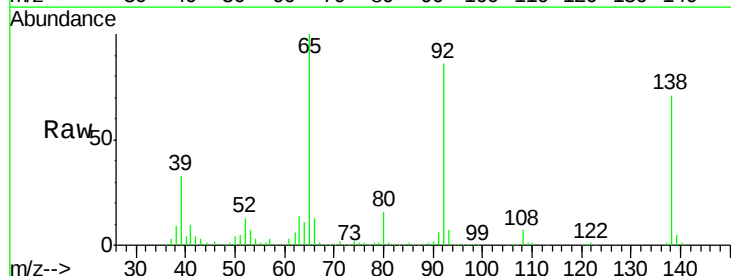
RT: 9.62 min Scan# 703

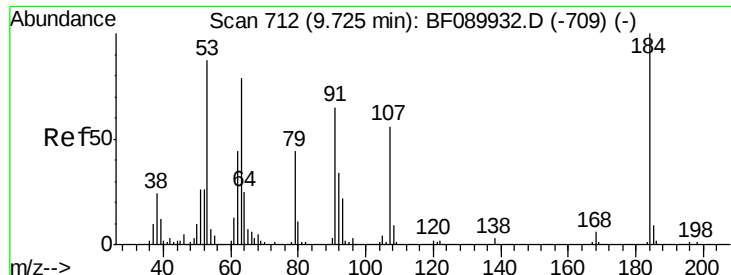
Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	138	Resp:	190742
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.3	12.5
92	121.4	99.1	148.7





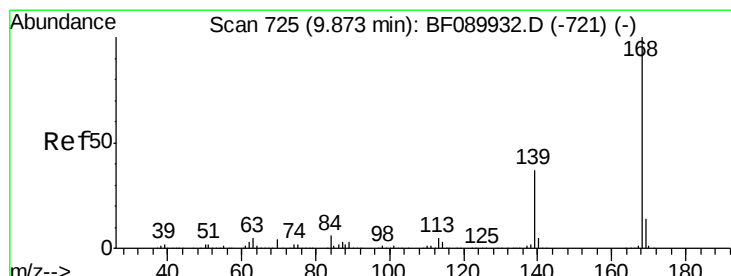
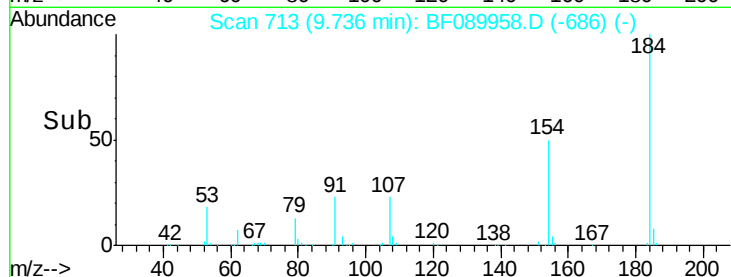
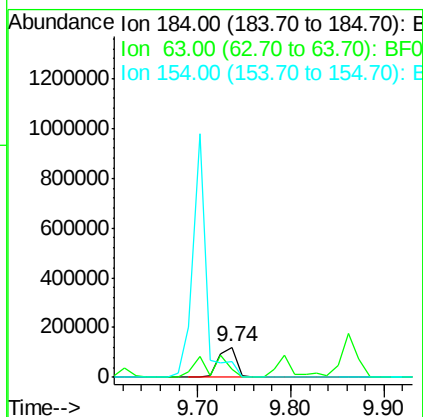
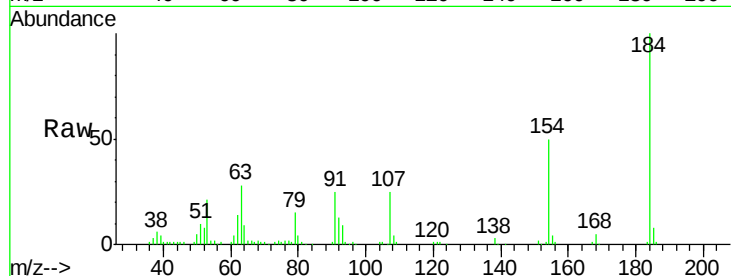
#53
2,4-Dinitrophenol
Concen: 52.61 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion:184 Resp: 158143
Ion Ratio Lower Upper
184 100
63 27.7 73.9 110.9#
154 50.1 53.5 80.3#

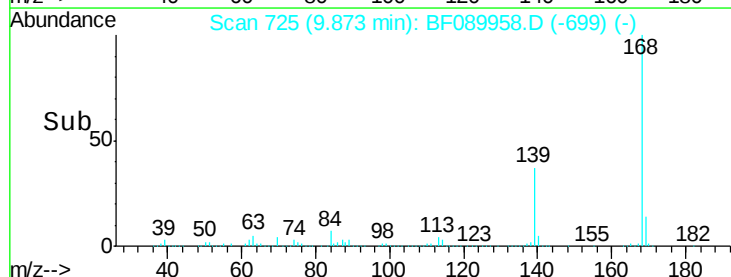
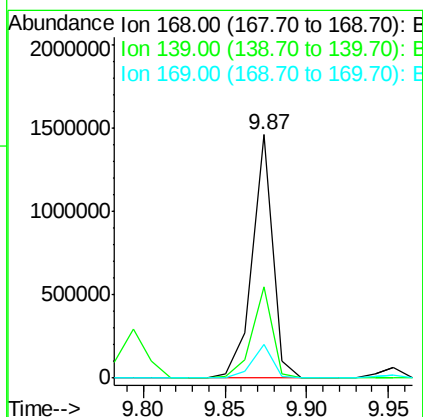
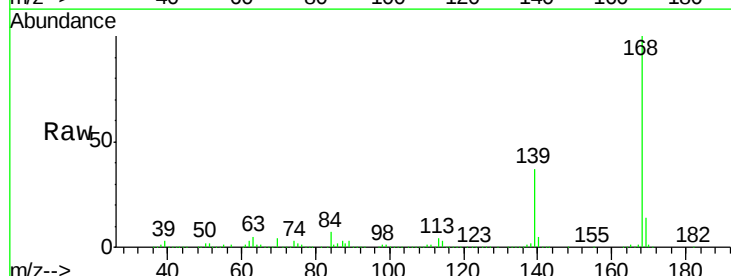
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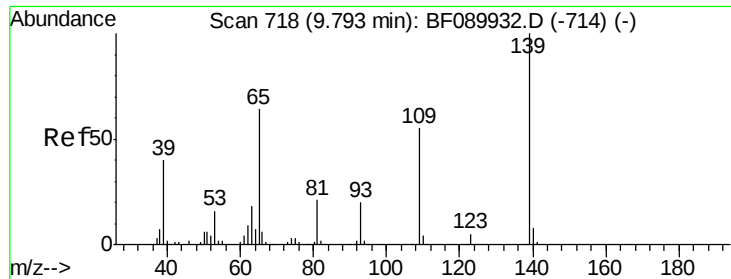
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#54
Dibenzofuran
Concen: 47.98 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion:168 Resp: 1278428
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 75.89 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

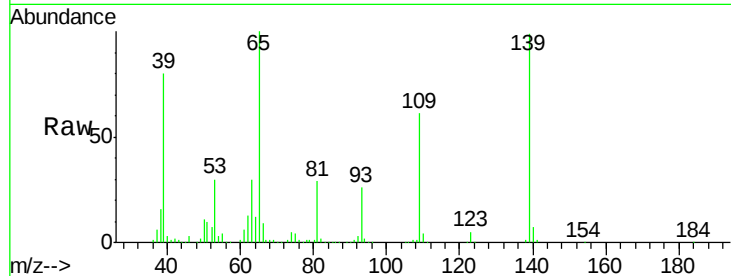
ClientSampleId :

MSP-BPMMSD

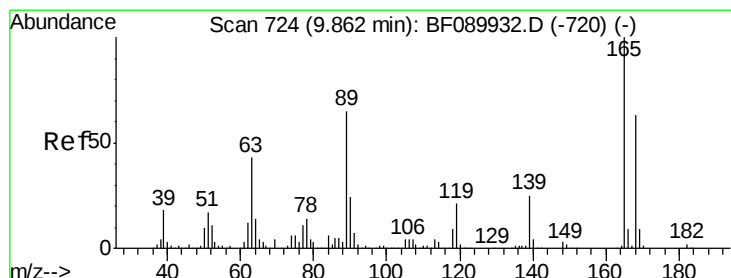
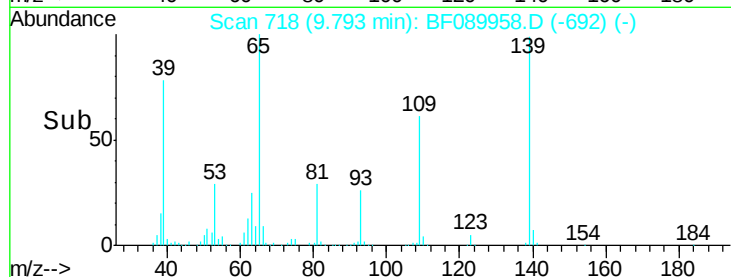
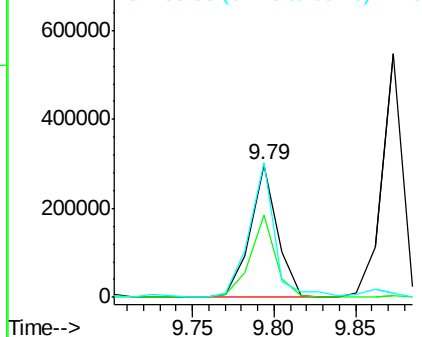
Tgt Ion:	139	Resp:	349732
Ion Ratio	Lower	Upper	
139	100		
109	62.0	31.3	71.3
65	101.3	38.5	78.5#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.12 ng

RT: 9.86 min Scan# 724

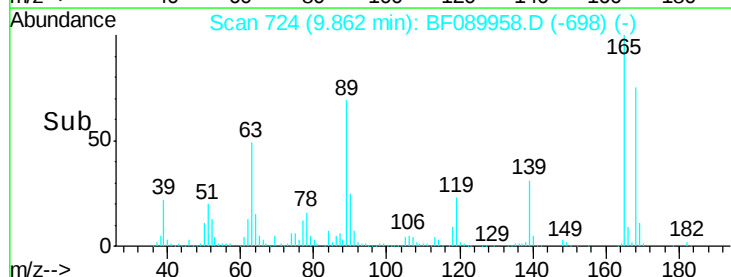
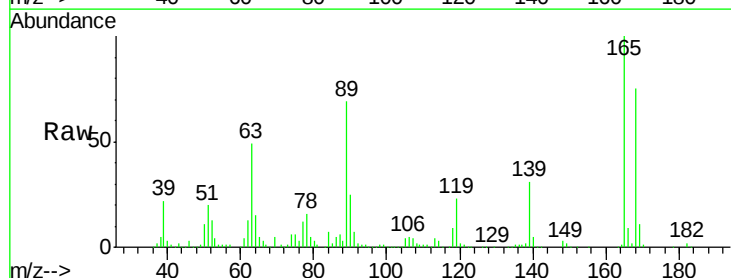
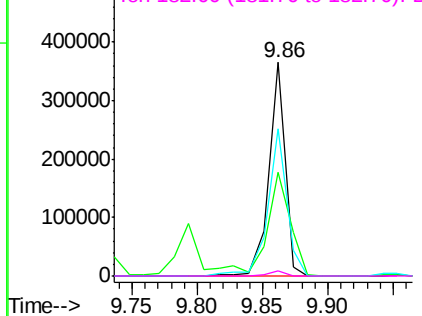
Delta R.T. 0.00 min

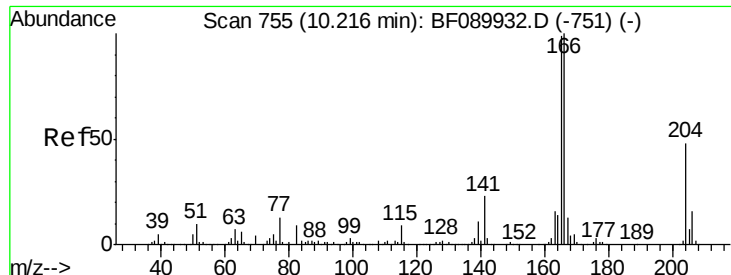
Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	165	Resp:	320109
Ion Ratio	Lower	Upper	
165	100		
63	48.5	32.5	48.7
89	69.0	48.3	72.5
182	2.2	1.7	2.5

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





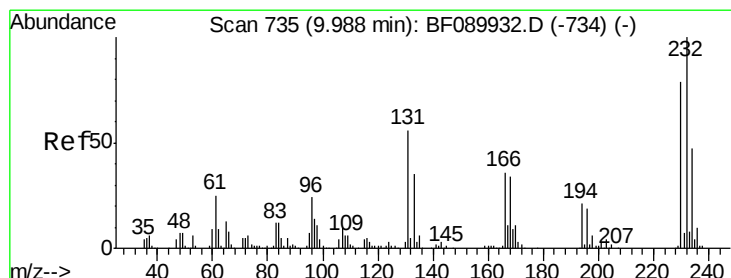
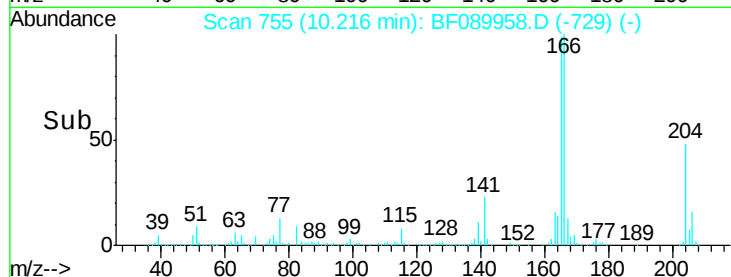
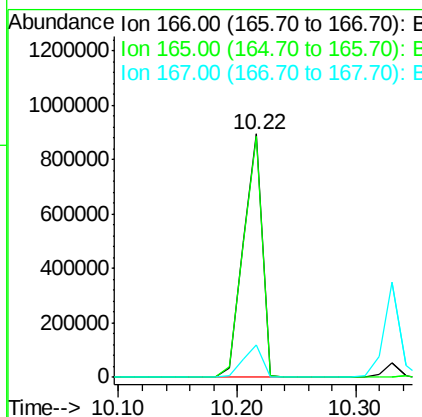
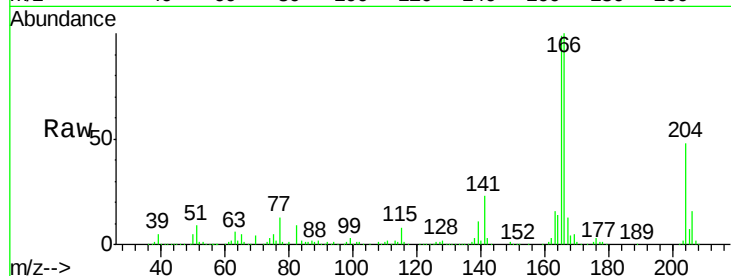
#57
Fluorene
 Concen: 51.02 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	993428		
165	98.9	78.6	118.0	
167	13.3	10.6	15.8	

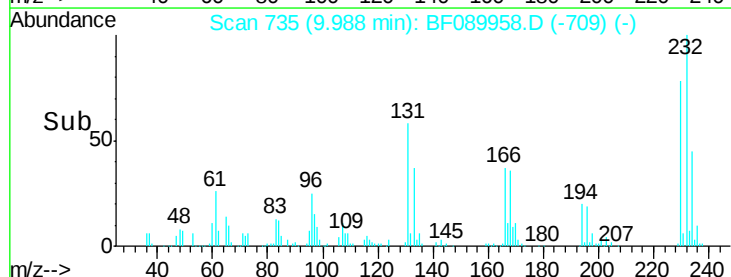
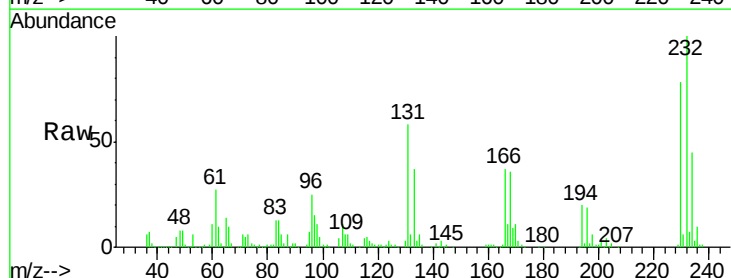
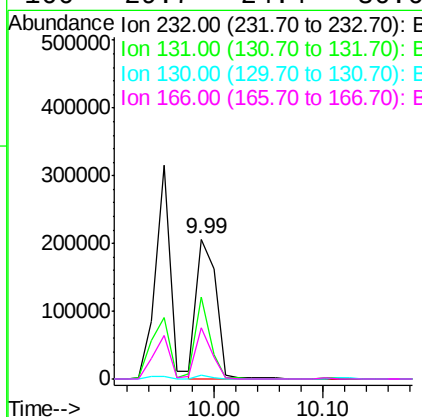
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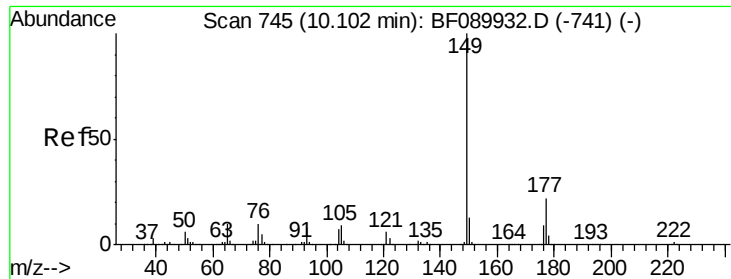
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.12 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	262454		
131	44.2	36.3	54.5	
130	1.9	1.7	2.5	
166	29.7	24.4	36.6	





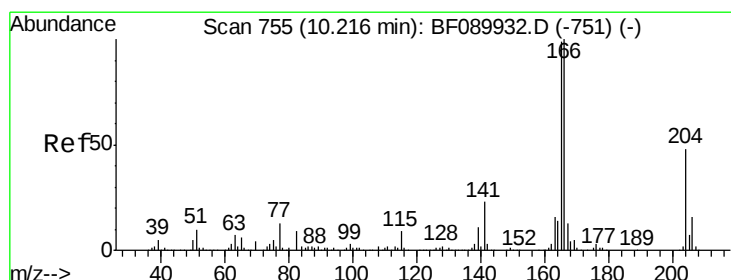
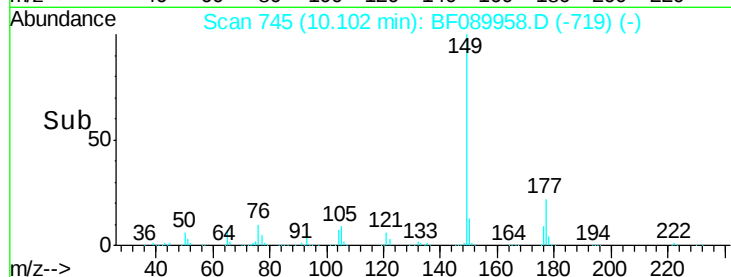
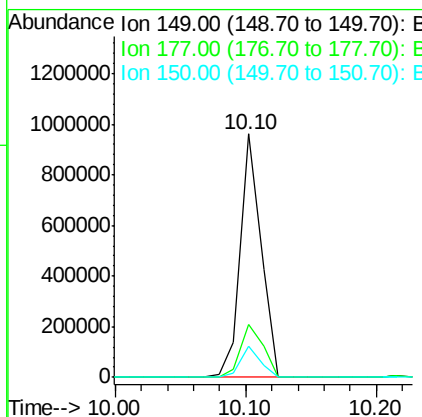
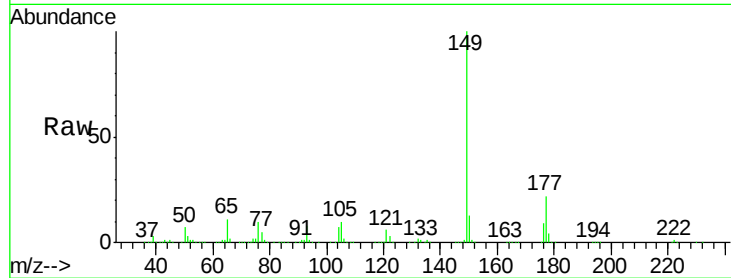
#59
Diethylphthalate
Concen: 46.64 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion:149 Resp: 1056867
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.7 10.2 15.2

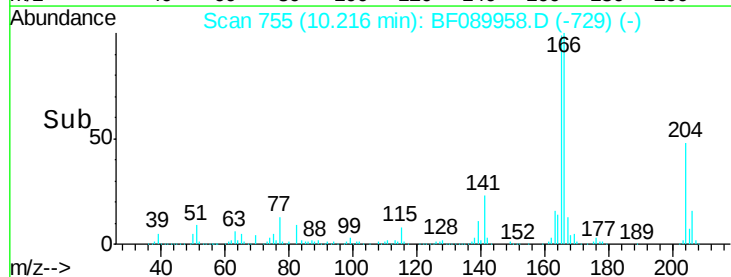
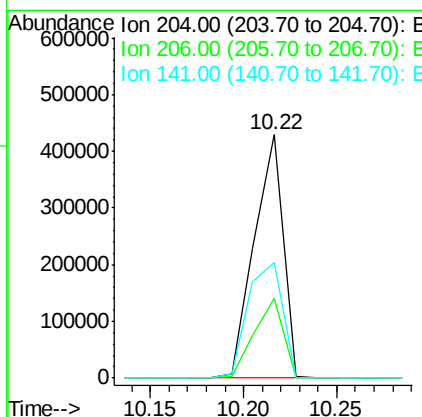
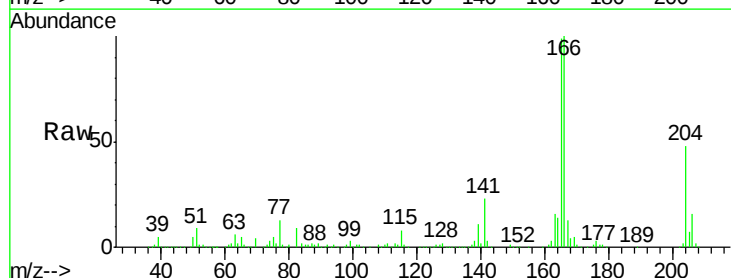
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 50.06 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion:204 Resp: 458728
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 47.7 36.5 54.7





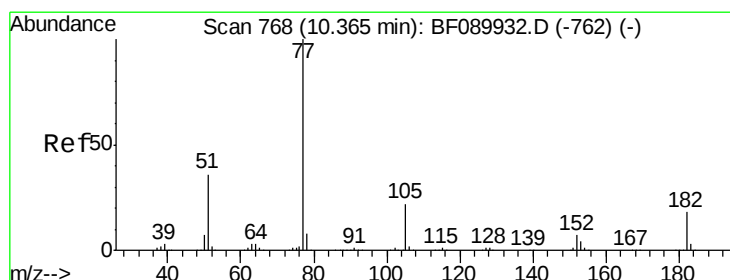
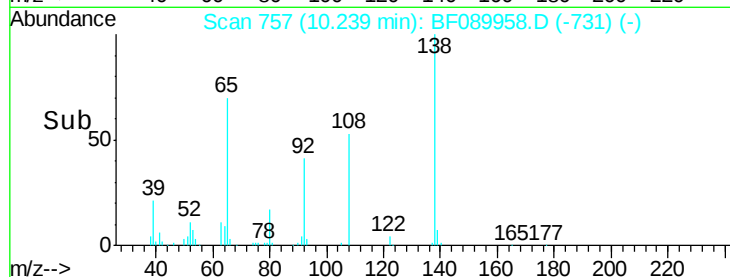
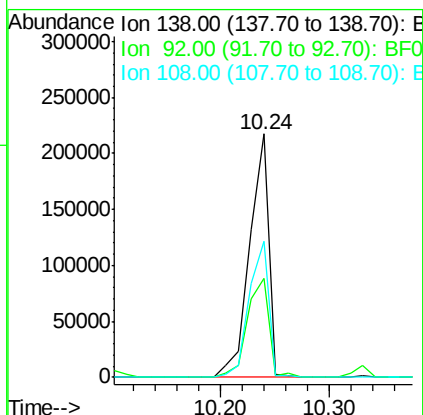
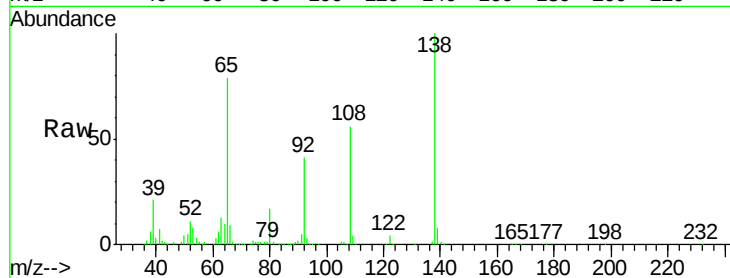
#61
4-Nitroaniline
Concen: 44.63 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.7	21.2	61.2
108	55.8	37.7	77.7

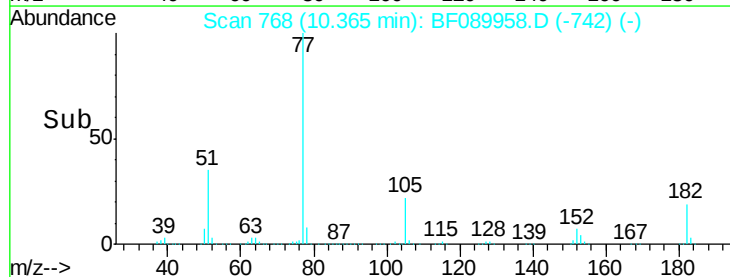
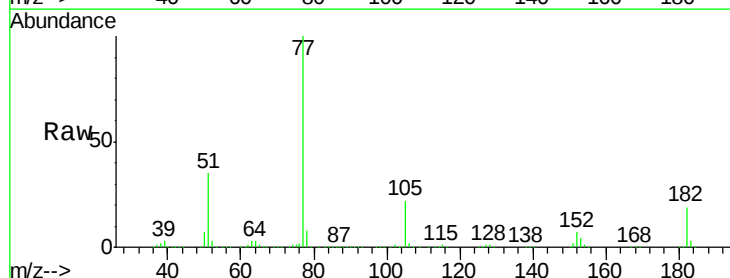
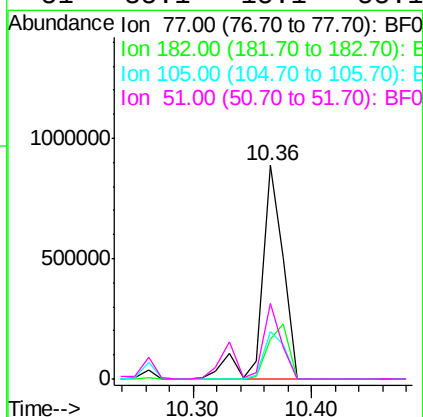
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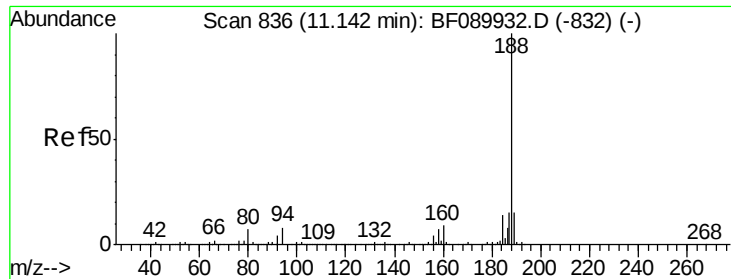
SOHIL
9/1/2016 11:54:25 AM



#62
Azobenzene
Concen: 48.97 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	38.6
105	22.1	2.3	42.3
51	35.1	15.1	55.1





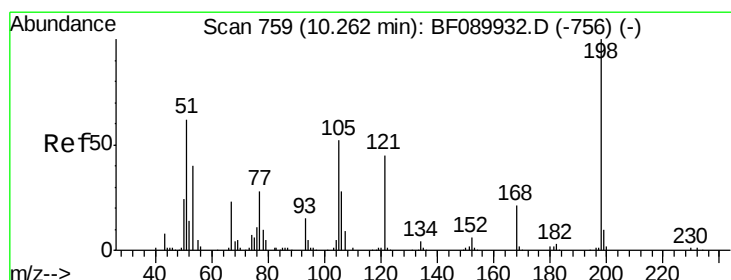
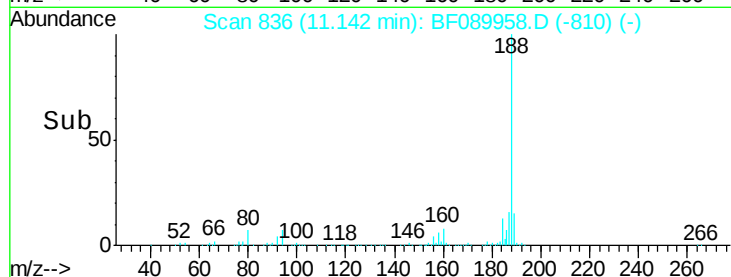
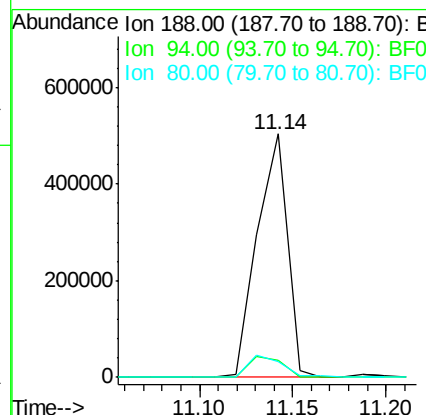
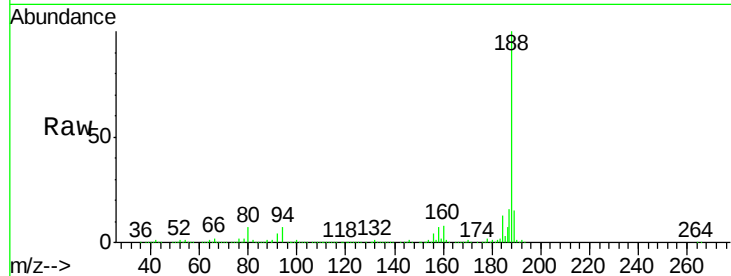
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.1	5.9	8.9
80	6.7	5.8	8.8

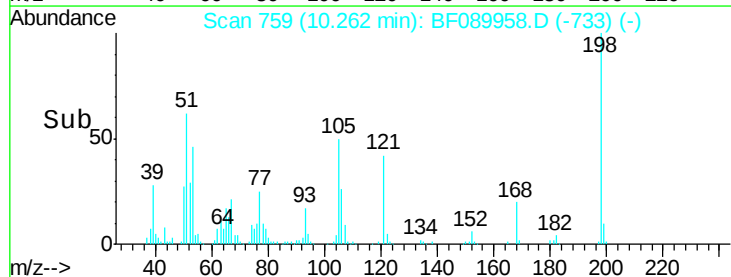
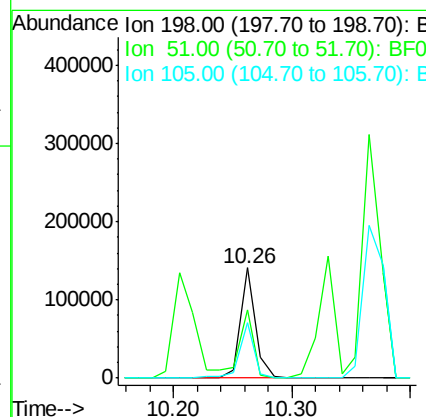
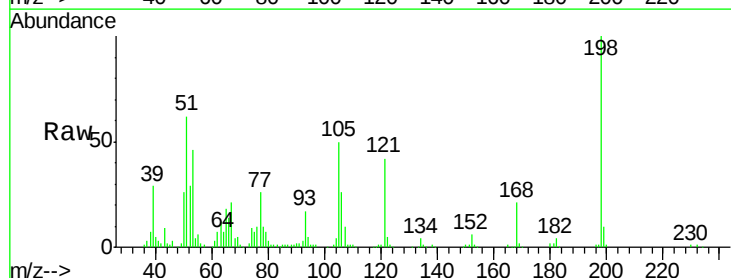
Manual Integrations
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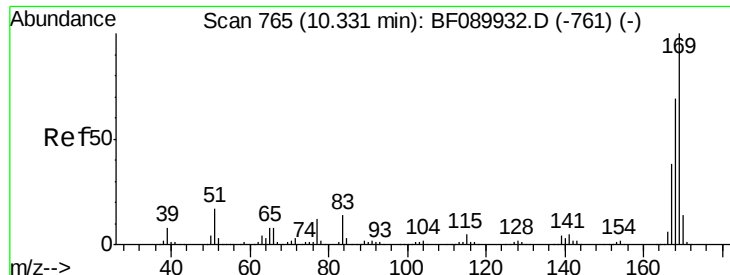
SOHIL
9/1/2016 11:54:25 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.73 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	62.5	43.0	83.0
105	49.8	30.3	70.3





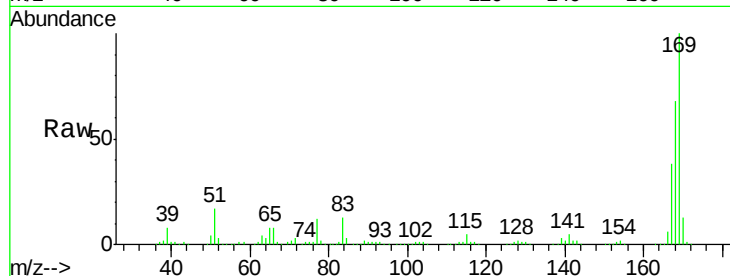
#65
n-Nitrosodiphenylamine
Concen: 50.20 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	851118		
168	68.4	55.0	82.4	
167	37.9	30.5	45.7	

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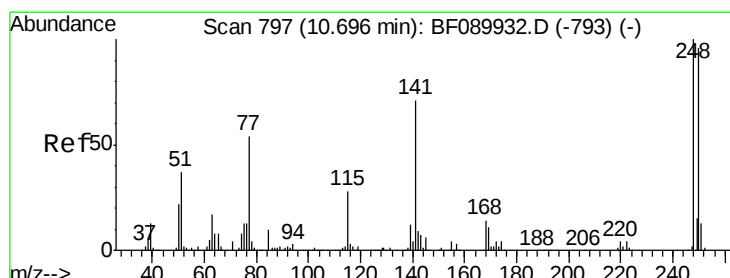
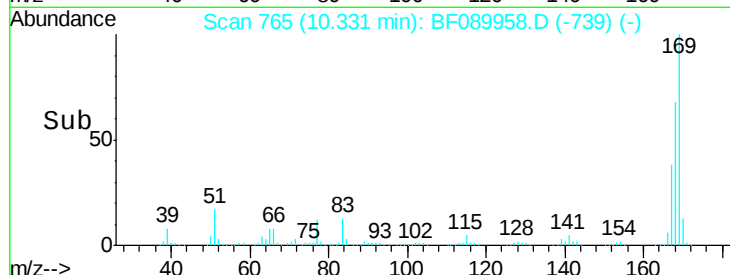
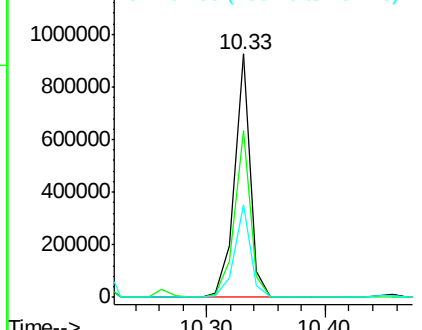


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 52.68 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

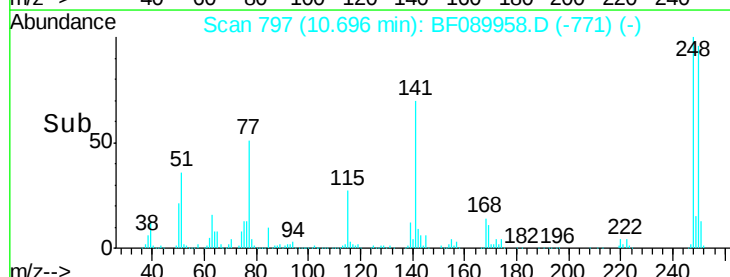
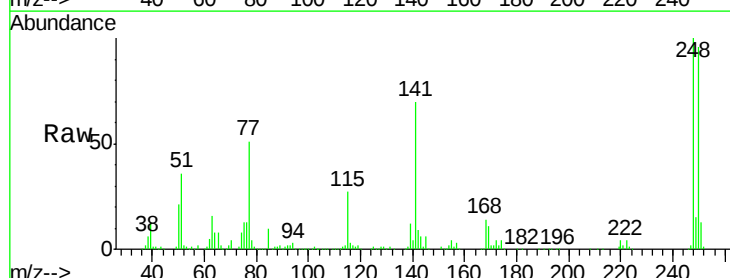
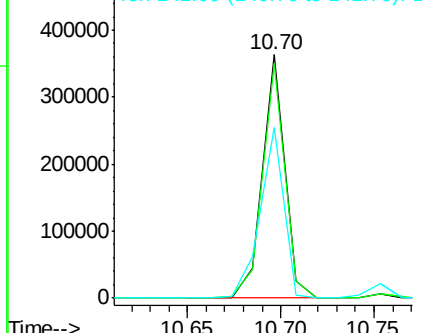
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	299058		
250	96.2	77.3	115.9	
141	70.3	55.8	83.8	

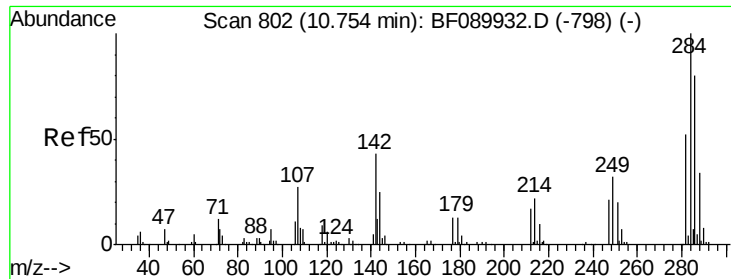
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.39 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

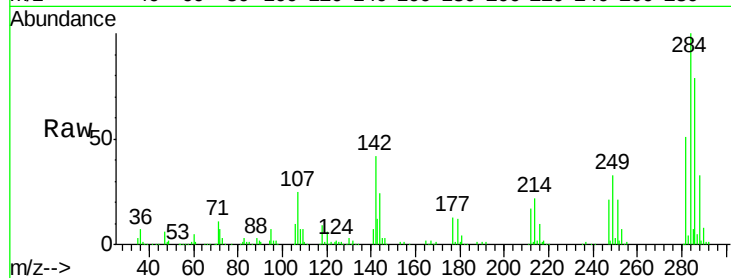
ClientSampleId :

MSP-BPMMSD

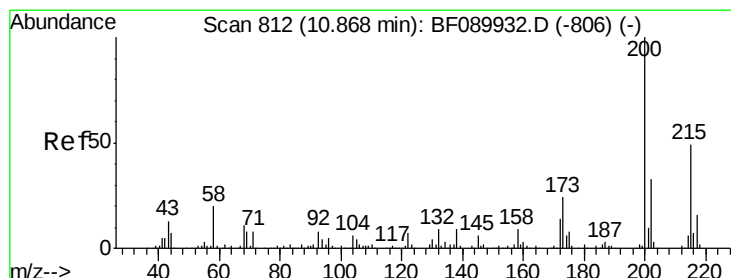
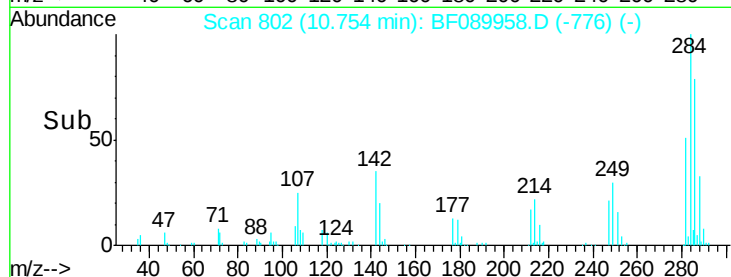
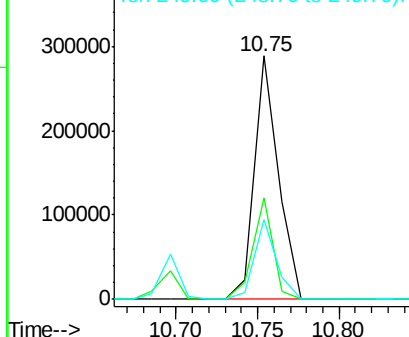
Tgt Ion:	284	Resp:	294347
Ion Ratio	Lower	Upper	
284	100		
142	41.8	32.7	49.1
249	32.9	26.9	40.3

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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: 49.83 ng

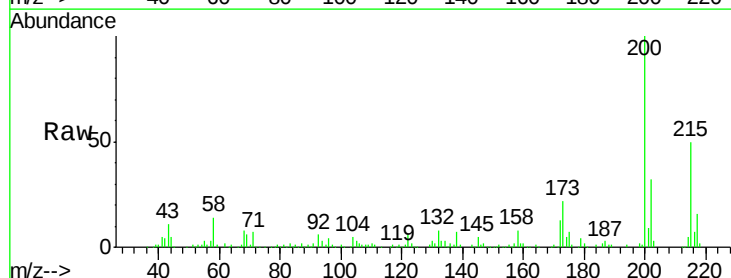
RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

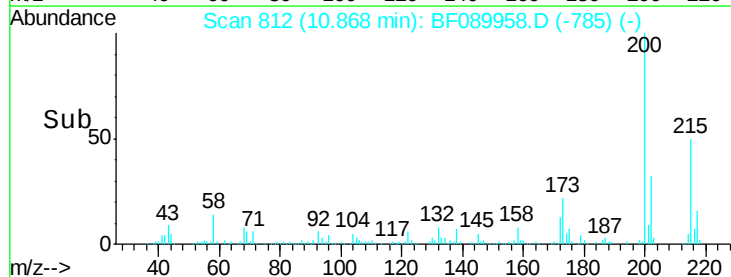
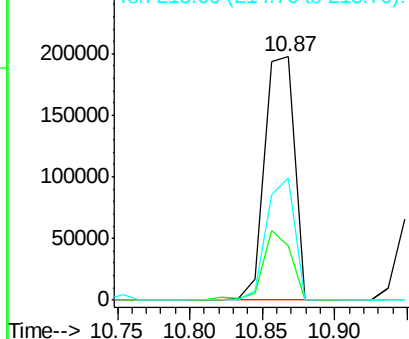
Lab File: BF089958.D

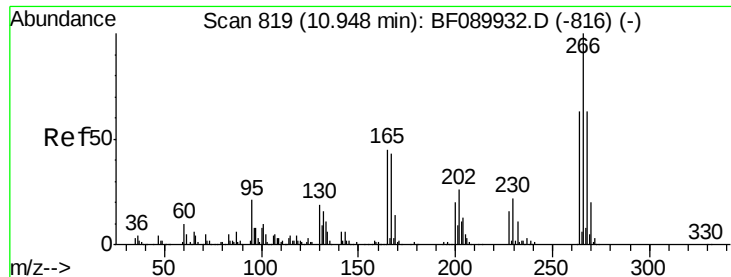
Acq: 31 Aug 2016 18:53

Tgt Ion:	200	Resp:	282049
Ion Ratio	Lower	Upper	
200	100		
173	22.0	9.4	49.4
215	50.1	24.5	64.5



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





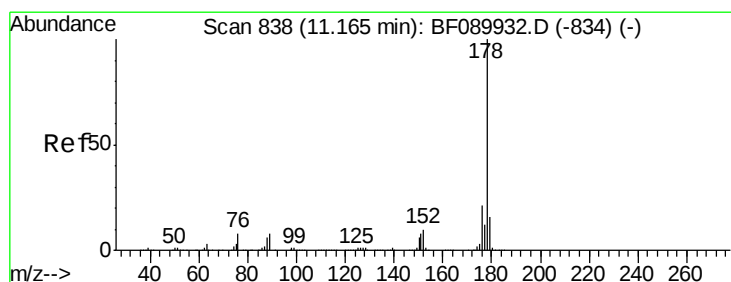
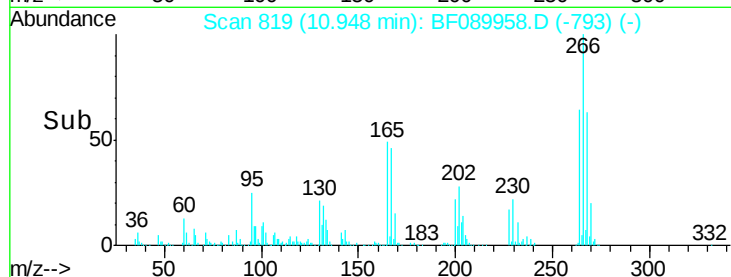
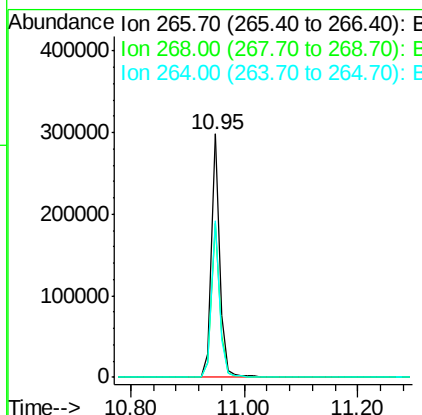
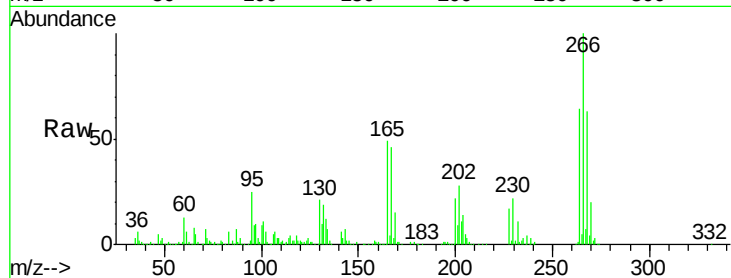
#69
 Pentachlorophenol
 Concen: 84.81 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	295889		
268	63.4	51.0	76.6	
264	64.1	50.6	75.8	

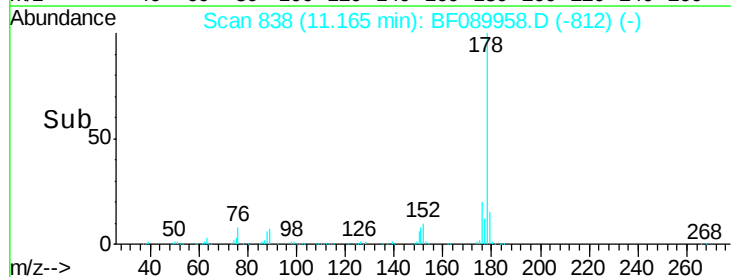
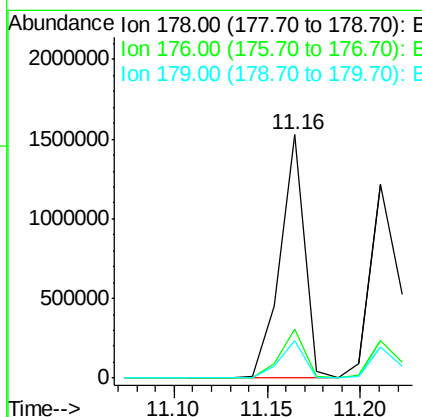
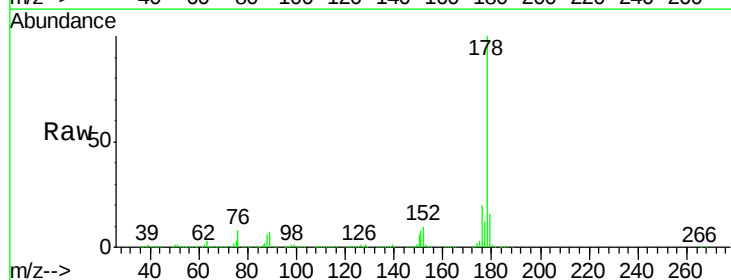
Manual Integrations
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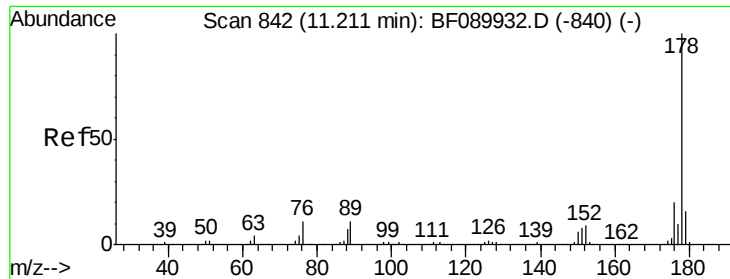
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#70
 Phenanthrene
 Concen: 49.82 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1398992		
176	20.0	16.5	24.7	
179	15.6	12.8	19.2	





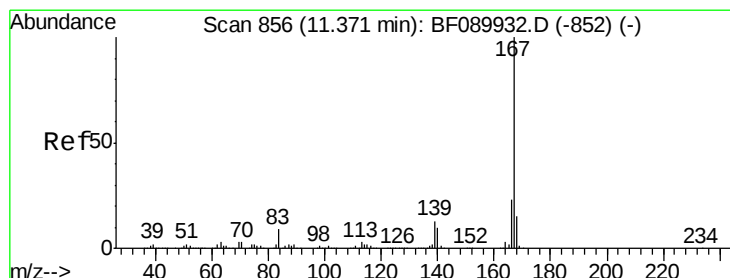
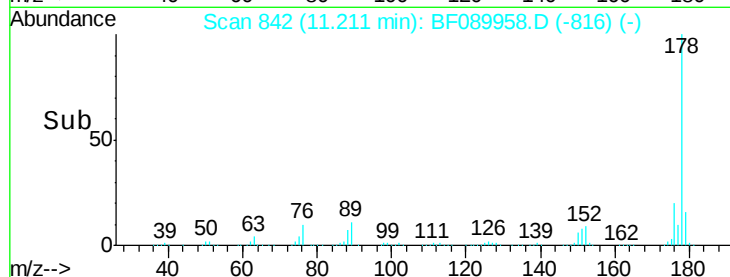
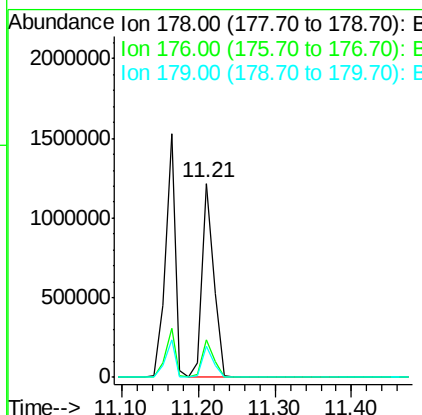
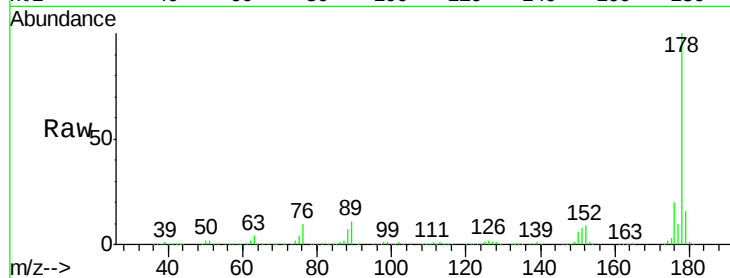
#71
 Anthracene
 Concen: 44.70 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion:178 Resp: 1273331
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 16.1 13.0 19.4

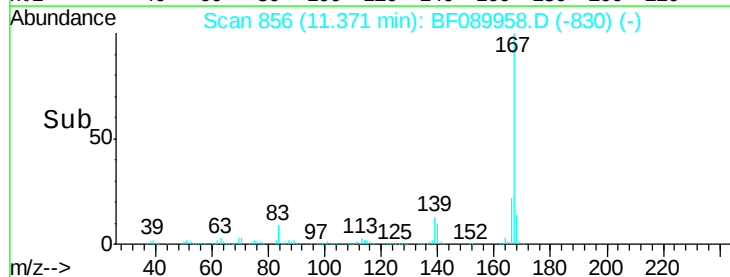
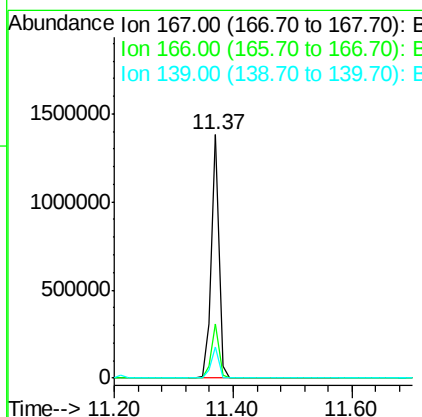
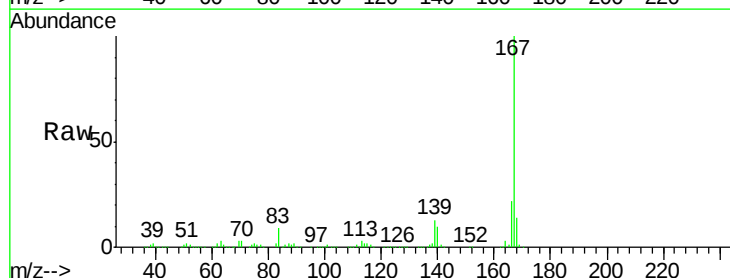
Manual Integrations
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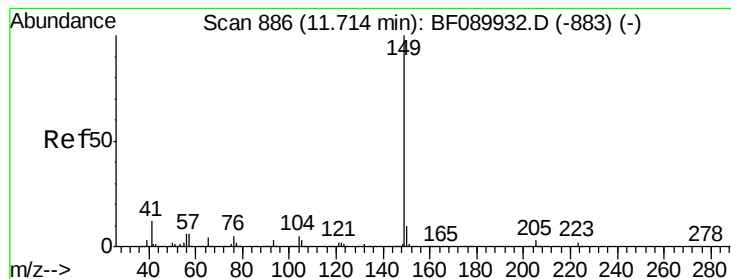
SOHIL
 9/1/2016 11:54:25 AM



#72
 Carbazole
 Concen: 45.79 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion:167 Resp: 1222897
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.9 10.4 15.6





#73

Di-n-butylphthalate

Concen: 49.78 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion:149 Resp: 1549462

Ion Ratio Lower Upper

149 100

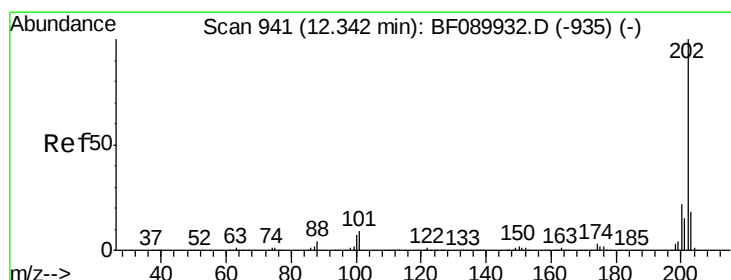
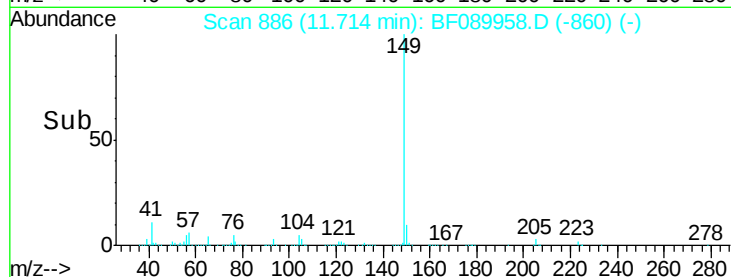
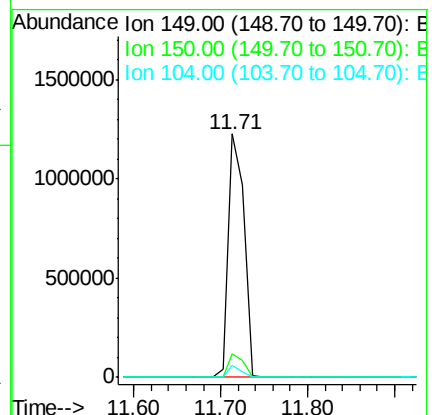
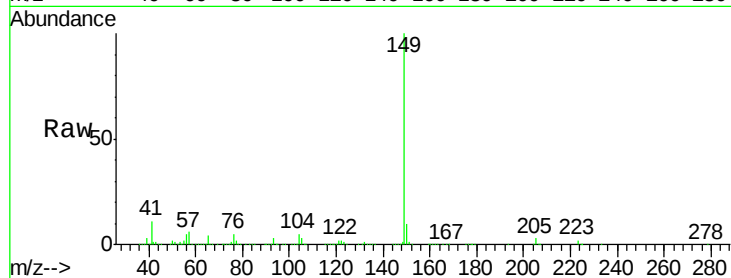
150 9.8 7.8 11.8

104 4.8 3.9 5.9

Manual Integrations
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#74

Fluoranthene

Concen: 46.17 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

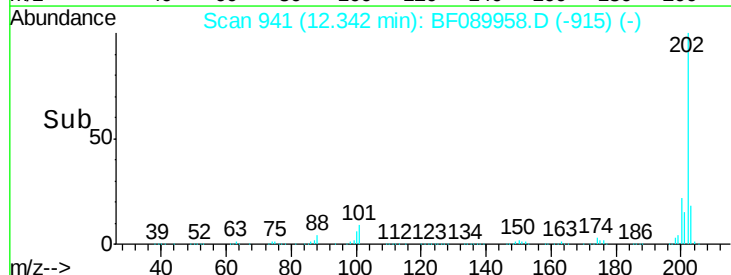
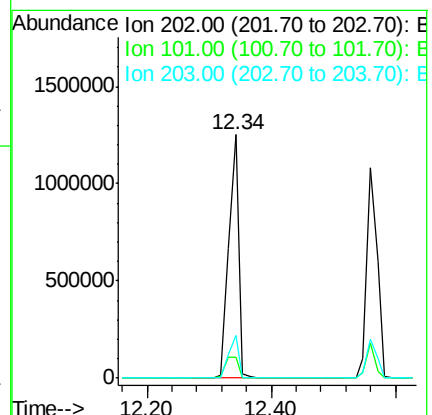
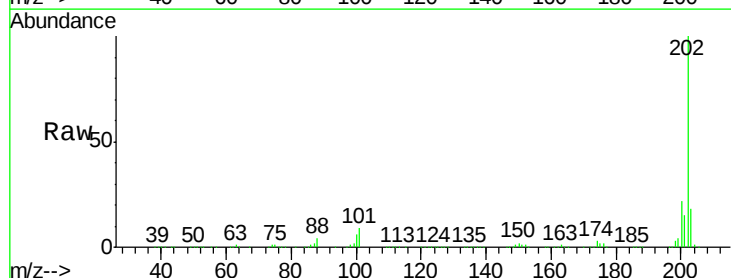
Tgt Ion:202 Resp: 1358897

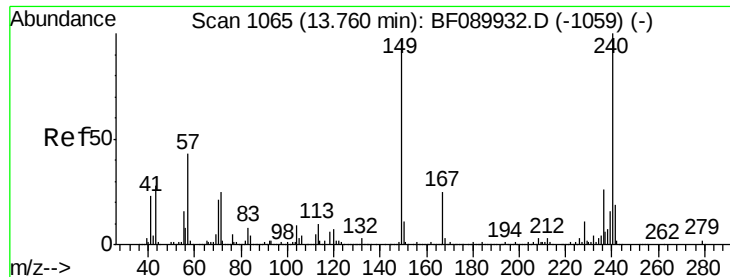
Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.5

203 17.7 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

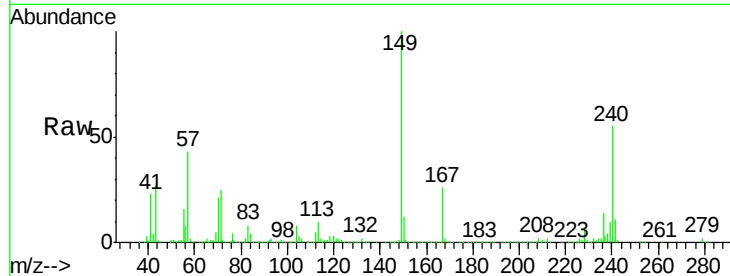
ClientSampleId :

MSP-BPMMSD

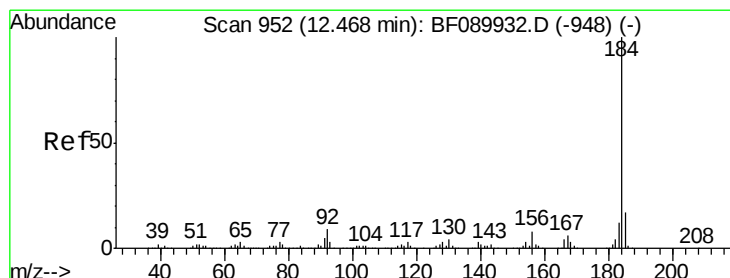
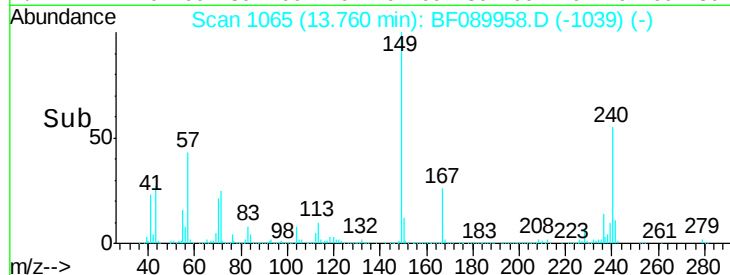
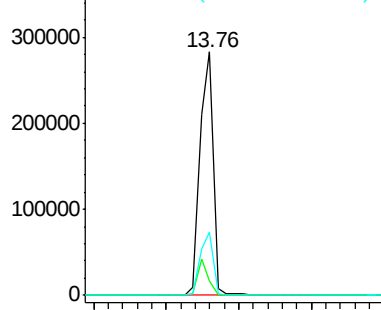
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	25.7	21.3	31.9

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Abundance Ion 240.00 (239.70 to 240.70): E



#76

Benzidine

Concen: 40.04 ng

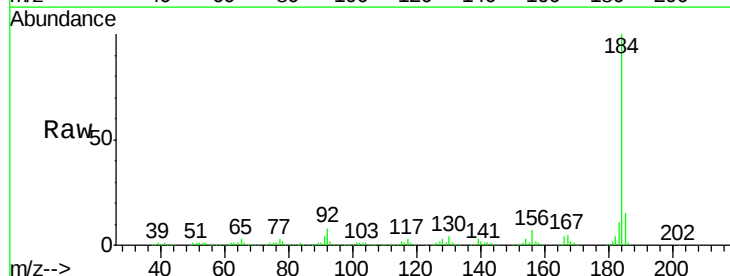
RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

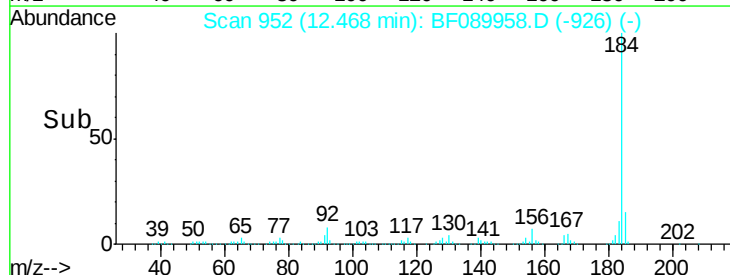
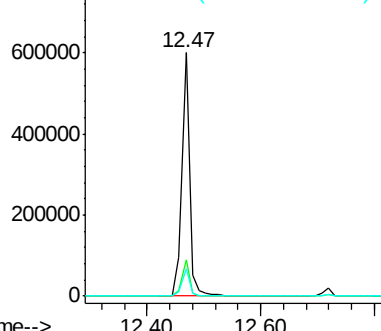
Lab File: BF089958.D

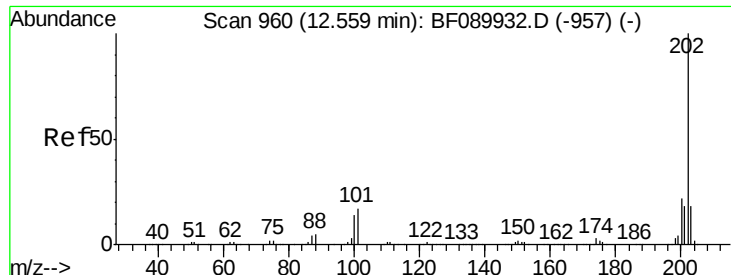
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.8	20.8
183	11.4	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E





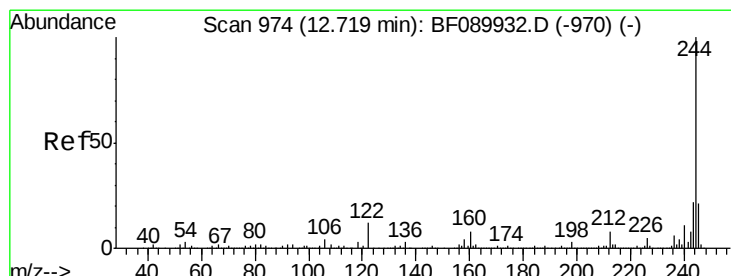
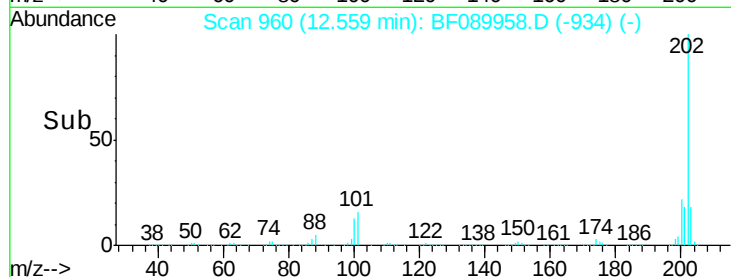
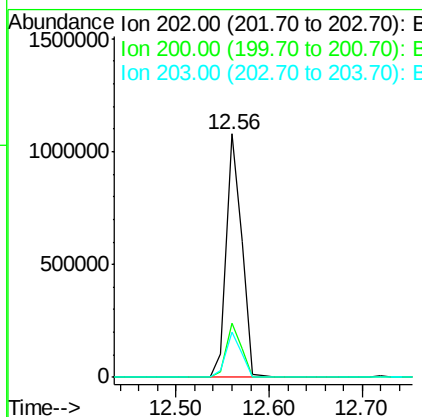
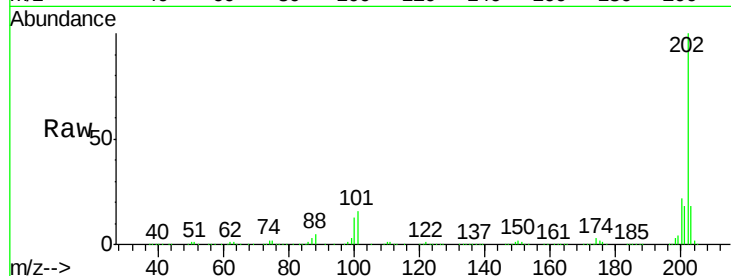
#77
Pyrene
 Concen: 49.05 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.4	14.6	21.8

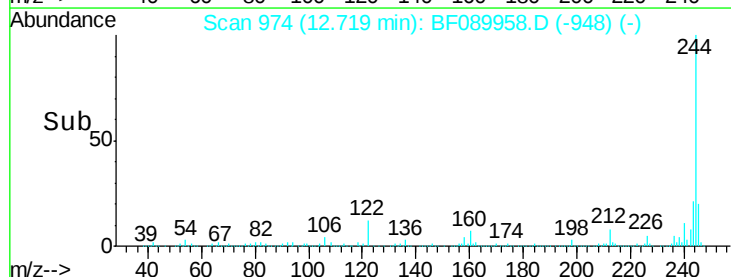
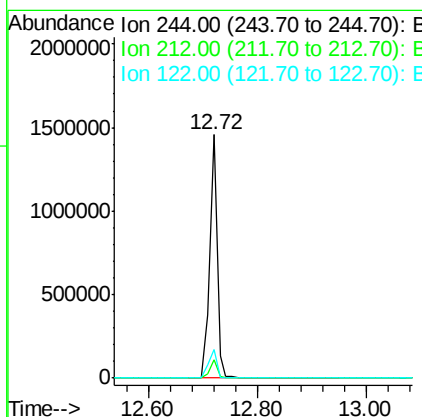
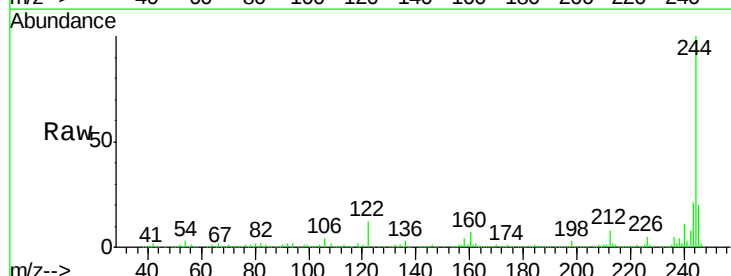
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#78
Terphenyl-d14
 Concen: 95.33 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.7	9.6	14.4





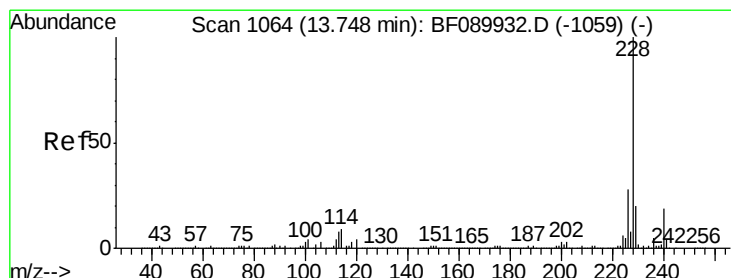
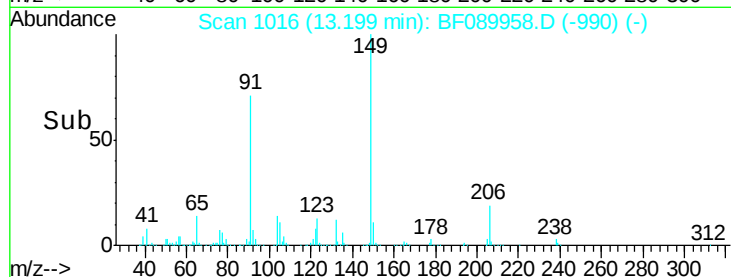
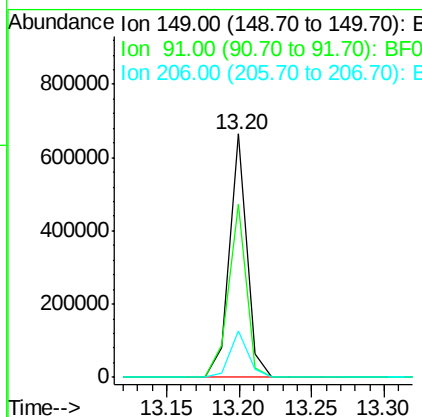
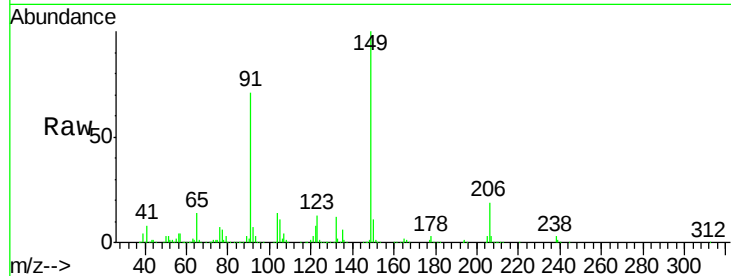
#79
Butylbenzylphthalate
Concen: 55.00 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.2	60.0	90.0
206	19.2	15.1	22.7

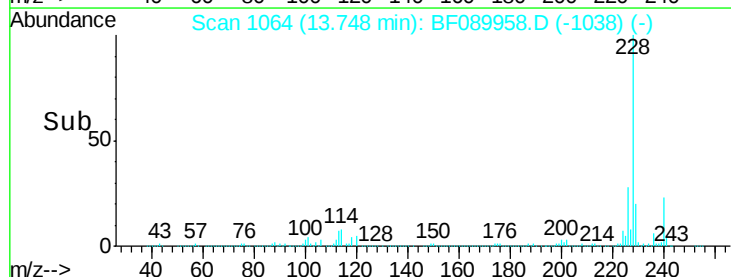
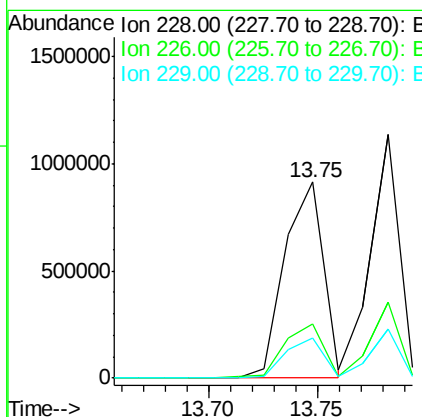
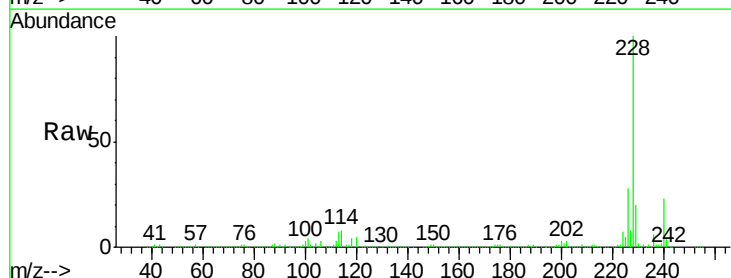
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 51.98 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.2	33.2
229	20.2	15.8	23.6





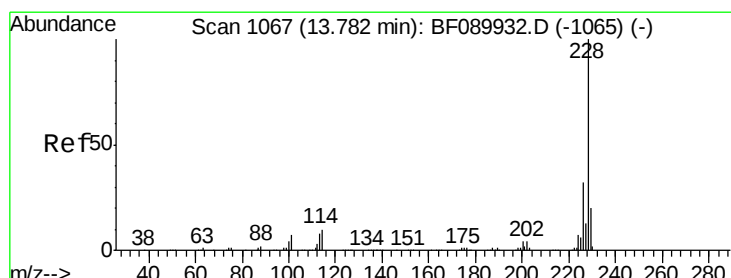
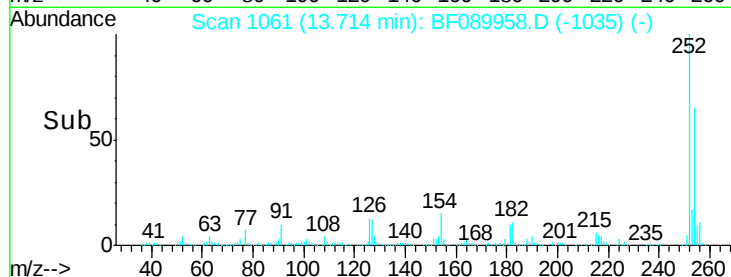
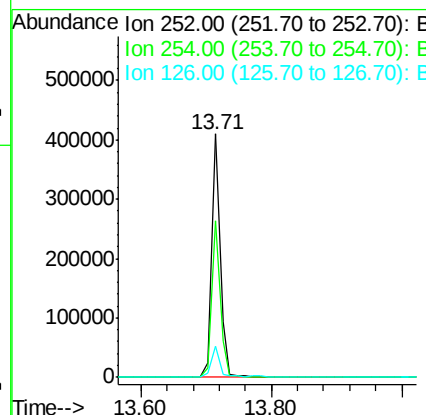
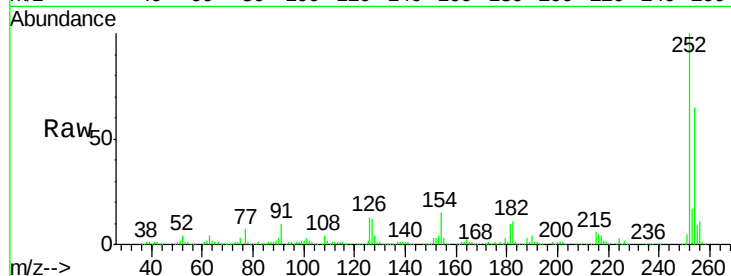
#81
 3,3'-Dichlorobenzidine
 Concen: 47.29 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	375305		
254	64.5	51.3	76.9	
126	12.7	12.3	18.5	

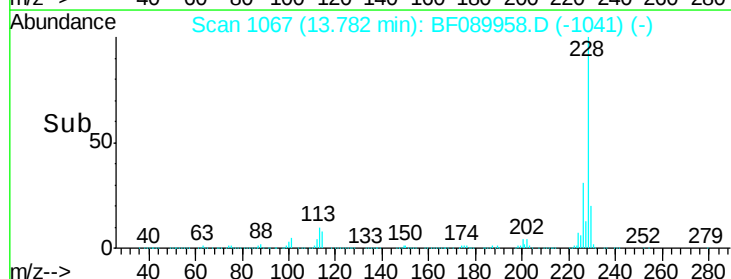
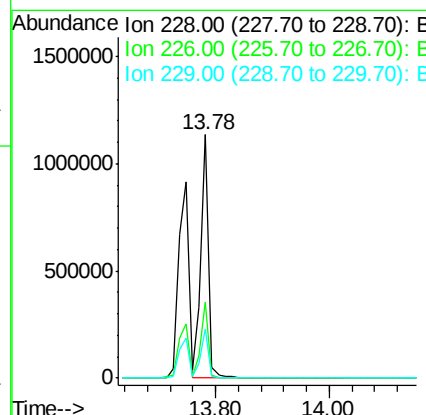
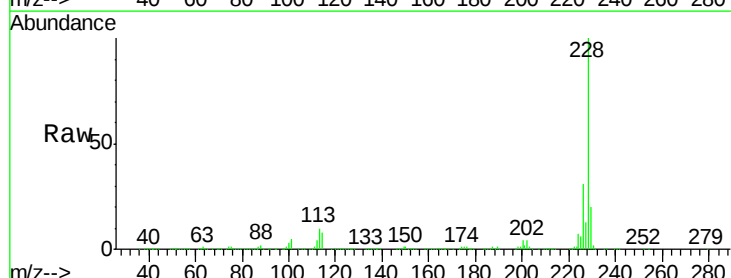
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#82
 Chrysene
 Concen: 52.31 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1074357		
226	31.1	25.2	37.8	
229	20.0	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.29 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

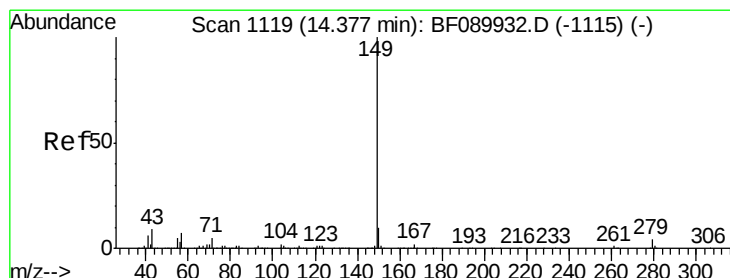
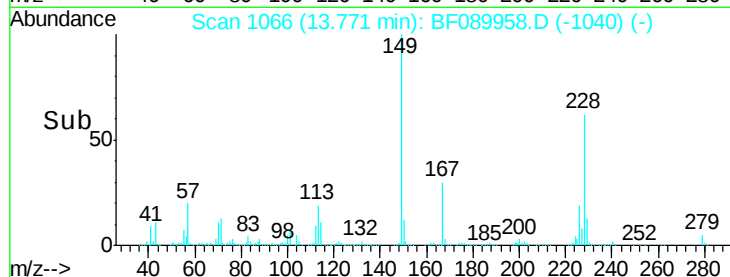
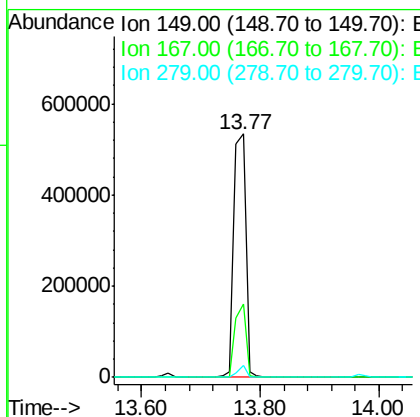
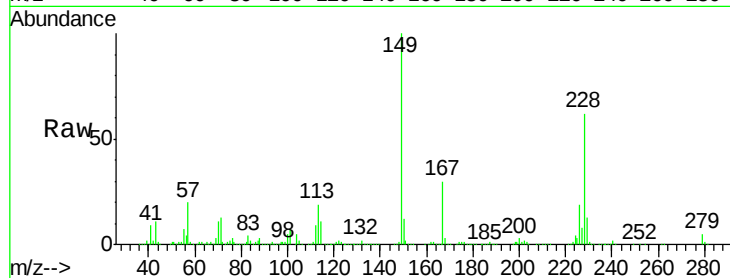
ClientSampleId :

MSP-BPMMSD

Tgt Ion:	149	Resp:	738217
Ion Ratio	Lower	Upper	
149	100		
167	30.2	23.6	35.4
279	4.7	3.4	5.2

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#84

Di-n-octyl phthalate

Concen: 57.82 ng

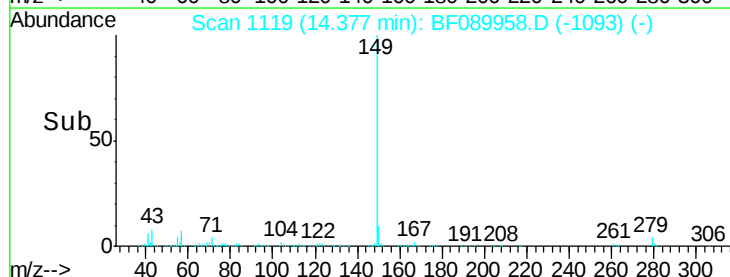
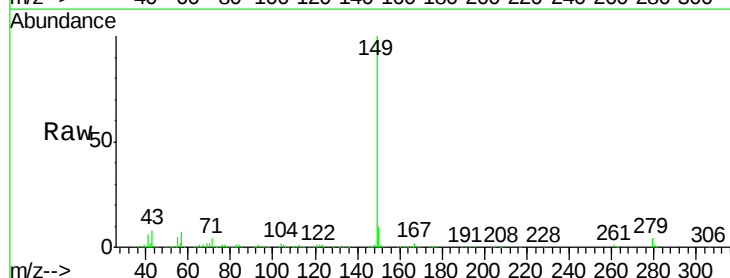
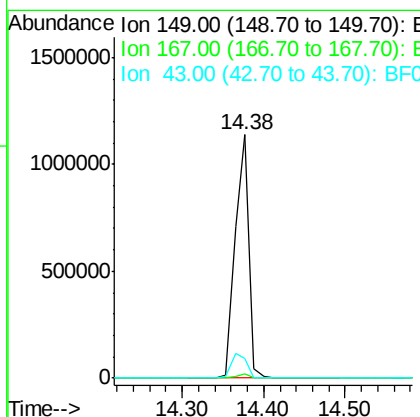
RT: 14.38 min Scan# 1119

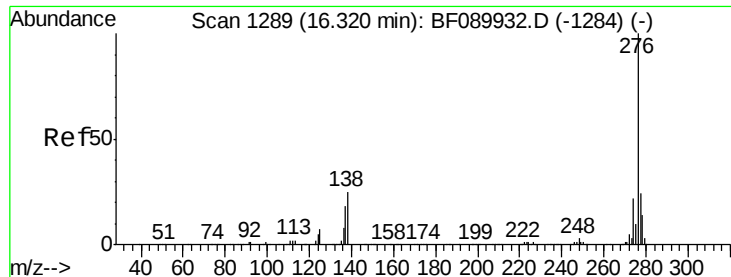
Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Tgt Ion:	149	Resp:	1317493
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.4	9.3	13.9





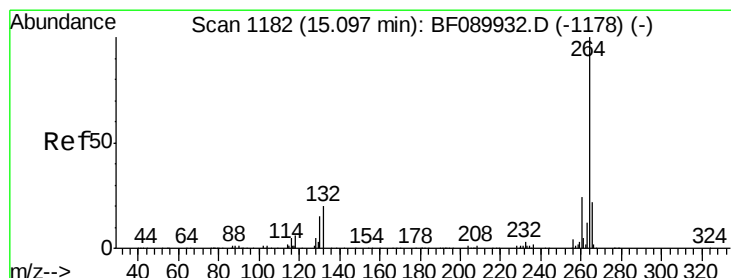
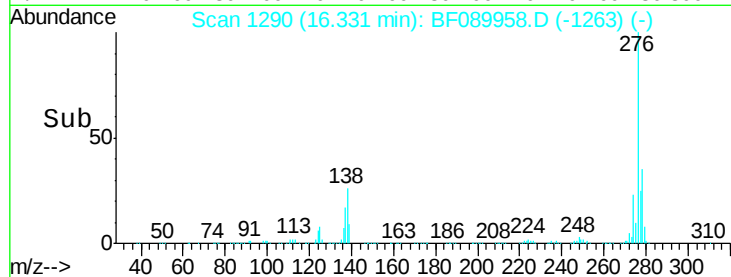
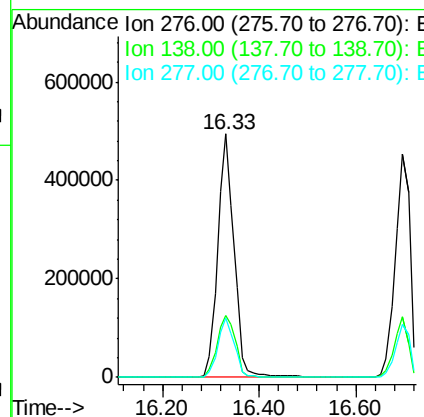
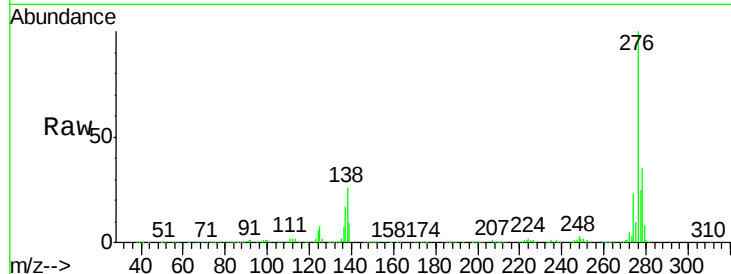
#85
Indeno(1,2,3-cd)pyrene
Concen: 77.82 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion:276 Resp: 1181638
Ion Ratio Lower Upper
276 100
138 28.7 22.6 34.0
277 25.0 20.1 30.1

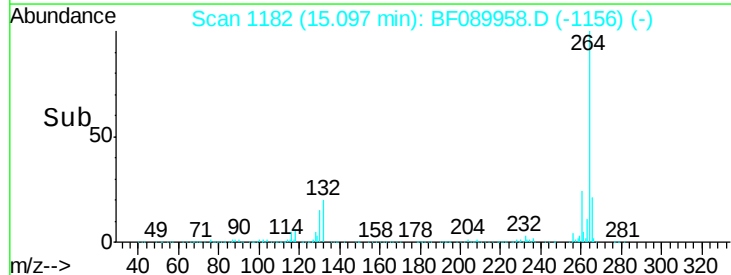
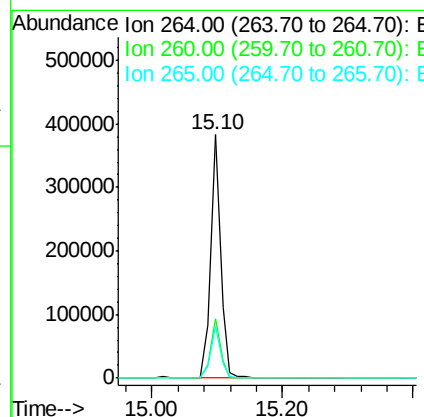
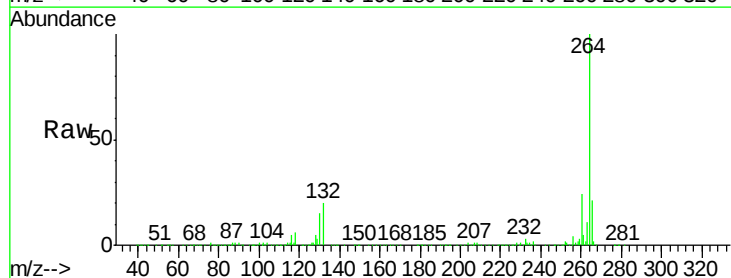
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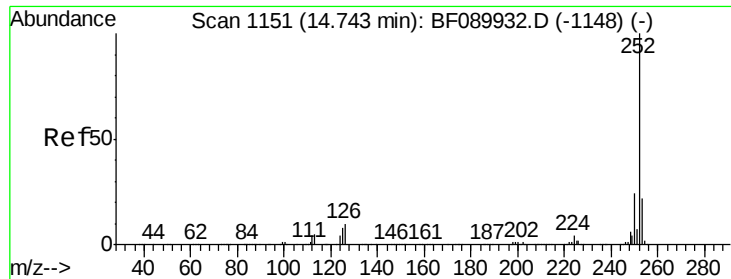
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion:264 Resp: 412813
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 21.1 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 50.01 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMSD

Tgt Ion:252 Resp: 1293385

Ion Ratio Lower Upper

252 100

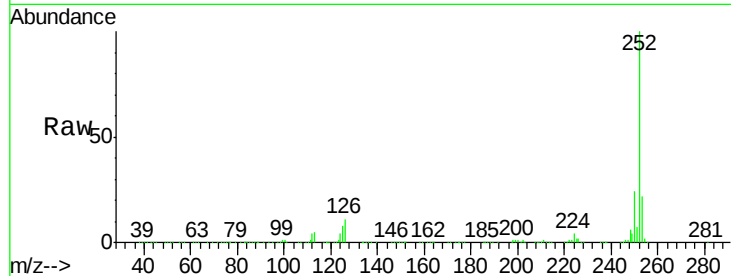
253 22.0 18.0 27.0

125 7.9 5.7 8.5

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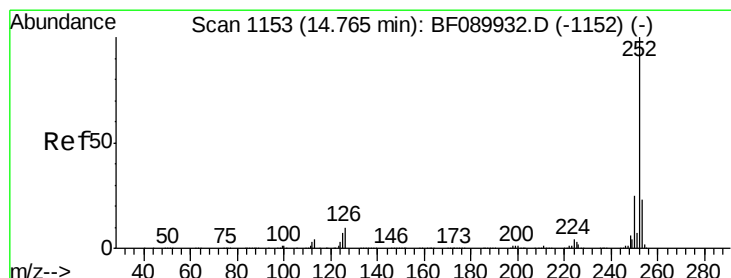
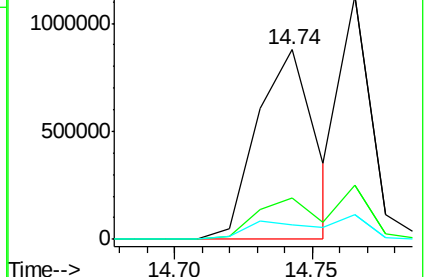
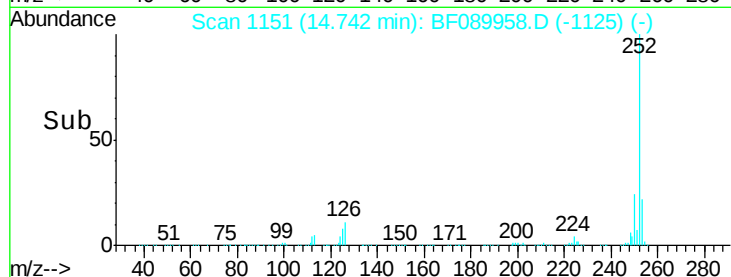
9/1/2016 11:54:25 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.03 ng m

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089958.D

Acq: 31 Aug 2016 18:53

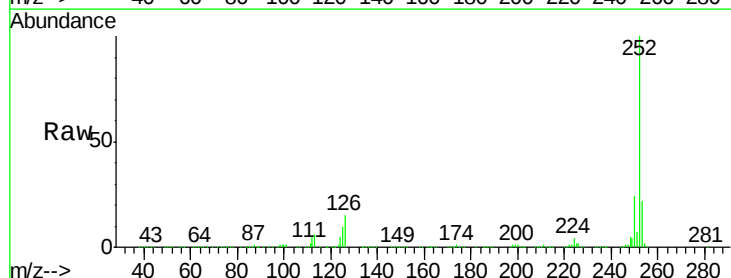
Tgt Ion:252 Resp: 878419

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

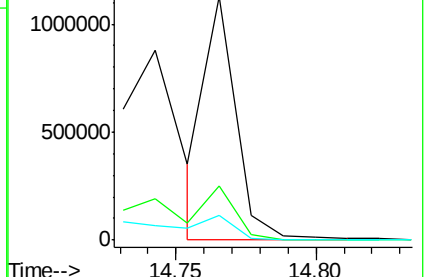
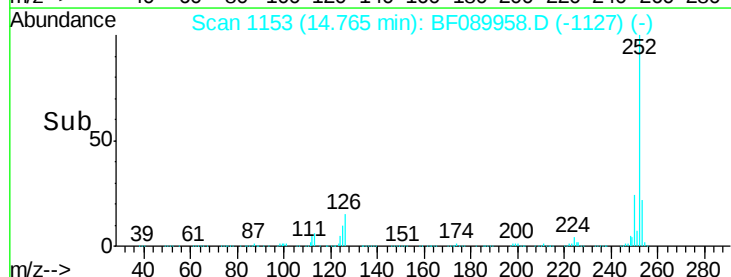
125 10.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





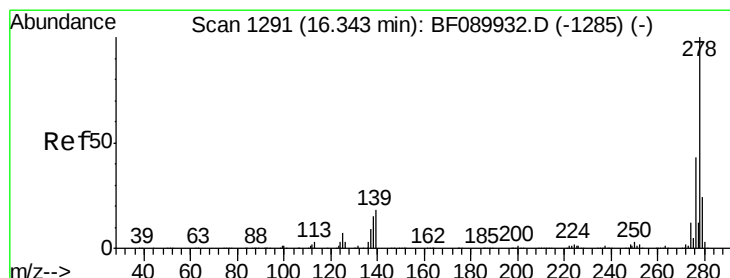
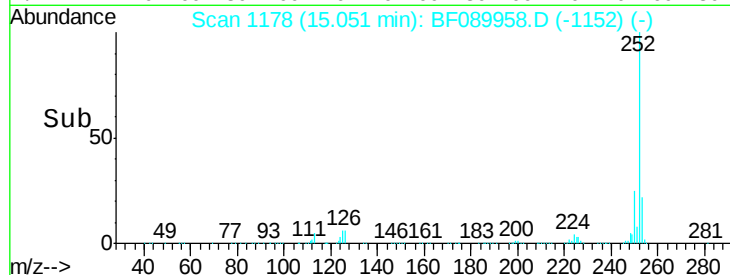
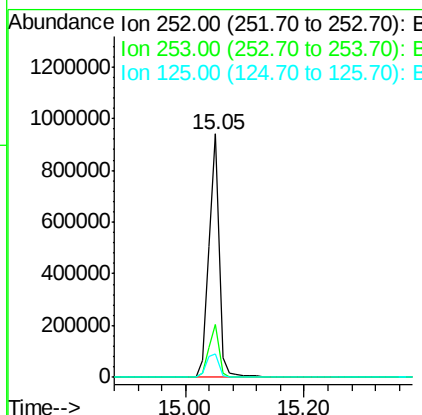
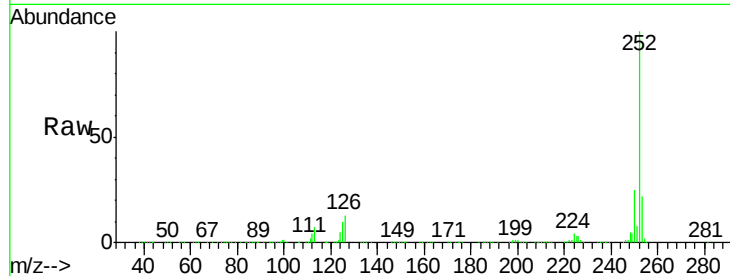
#89
Benzo(a)pyrene
Concen: 50.71 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.7	6.3	9.5

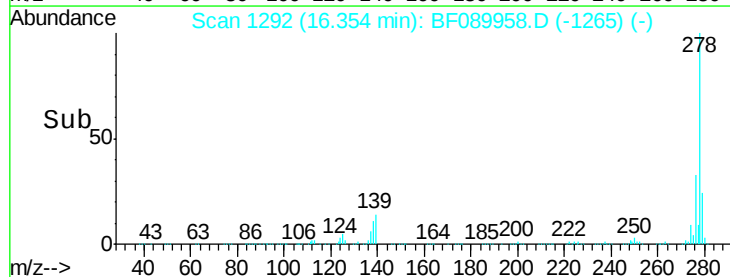
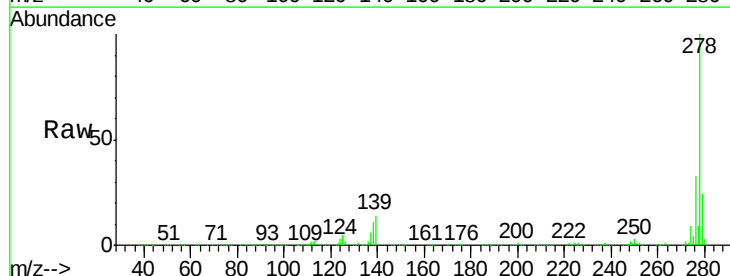
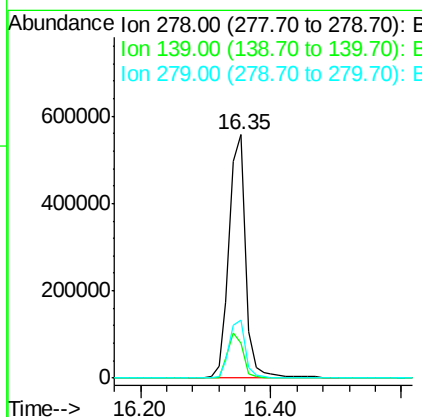
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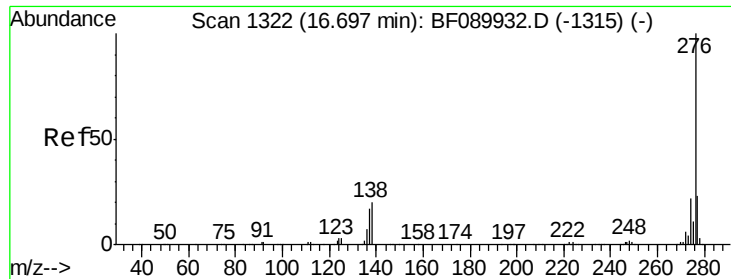
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#90
Dibenzo(a,h)anthracene
Concen: 61.07 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089958.D
Acq: 31 Aug 2016 18:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.4	20.2
279	24.1	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 59.70 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089958.D
 Acq: 31 Aug 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	19.0	28.4
138	26.9	16.4	24.6

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