

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
 Data File : BF089966.D
 Acq On : 1 Sep 2016 12:39
 Operator : UM/SJ
 Sample : PB93161BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Manual Integrations
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 9/2/2016 2:08:47 AM

Quant Time: Sep 01 14:08:04 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	192043	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	744970	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	355435	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	647280	20.00	ng	0.00
75) Chrysene-d12	13.76	240	461496	20.00	ng	0.00
86) Perylene-d12	15.10	264	439204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1528534	127.40	ng	0.01
7) Phenol-d6	6.28	99	1798221	123.35	ng	0.01
23) Nitrobenzene-d5	7.21	82	1119799	87.18	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	402519	114.79	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1967411	90.86	ng	0.00
78) Terphenyl-d14	12.72	244	1521727	81.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	210005	36.94	ng	99
3) Pyridine	2.80	79	555064	36.60	ng	98
4) n-Nitrosodimethylamine	2.75	42	338480	45.26	ng	97
6) Aniline	6.30	93	545847	27.44	ng	# 61
8) 2-Chlorophenol	6.42	128	560242	43.04	ng	92
9) Benzaldehyde	6.17	77	111323	11.84	ng	88
10) Phenol	6.30	94	578663	34.13	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	594868	46.37	ng	88
12) 1,3-Dichlorobenzene	6.58	146	660473	45.43	ng	99
13) 1,4-Dichlorobenzene	6.65	146	630605	42.40	ng	99
14) 1,2-Dichlorobenzene	6.81	146	620904	46.56	ng	99
15) Benzyl Alcohol	6.79	79	422423	46.25	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1096976	44.85	ng	98
17) 2-Methylphenol	6.91	107	515245	49.57	ng	98
18) Hexachloroethane	7.15	117	226017	44.36	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	428503	45.10	ng	96
20) 3+4-Methylphenols	7.06	107	573421	45.51	ng	96
22) Acetophenone	7.05	105	709078	42.43	ng	# 93
24) Nitrobenzene	7.22	77	571047	41.81	ng	97
25) Isophorone	7.47	82	1155288	44.23	ng	99
26) 2-Nitrophenol	7.54	139	306419	46.94	ng	98
27) 2,4-Dimethylphenol	7.60	122	569060	47.12	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	766868	48.68	ng	99
29) 2,4-Dichlorophenol	7.79	162	509267	47.04	ng	89
30) 1,2,4-Trichlorobenzene	7.87	180	556090	46.98	ng	100
31) Naphthalene	7.94	128	1561245	42.07	ng	99
32) Benzoic acid	7.72	122	276403	33.98	ng	94
33) 4-Chloroaniline	8.00	127	346188	23.12	ng	96
34) Hexachlorobutadiene	8.07	225	296641	42.77	ng	100
35) Caprolactam	8.38	113	170815m	49.99	ng	
36) 4-Chloro-3-methylphenol	8.49	107	508021	44.31	ng	86
37) 2-Methylnaphthalene	8.64	142	1187820	48.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	409778	39.36	ng	99
40) Hexachlorocyclopentadiene	8.79	237	419204	78.52	ng	94

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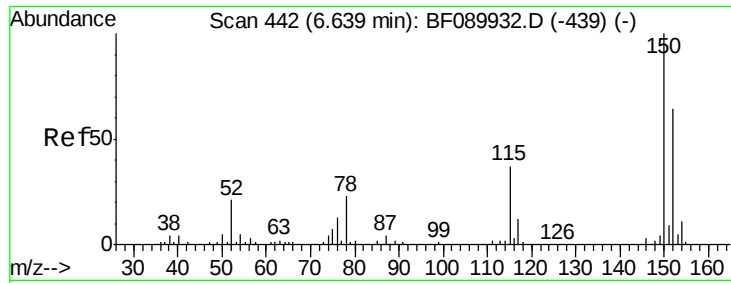
Manual Integrations
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Quant Time: Sep 01 14:08:04 2016
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 QLast Update : Wed Aug 31 11:55:18 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	351222	48.67	ng	98
43) 2,4,5-Trichlorophenol	8.96	196	339884	48.98	ng #	94
45) 1,1'-Biphenyl	9.10	154	1129519	39.47	ng	99
46) 2-Chloronaphthalene	9.12	162	944383	46.65	ng	99
47) 2-Nitroaniline	9.22	65	363275	54.89	ng #	72
48) Acenaphthylene	9.53	152	1468434	43.87	ng	100
49) Dimethylphthalate	9.42	163	1249562	48.64	ng #	98
50) 2,6-Dinitrotoluene	9.46	165	256975	44.98	ng	95
51) Acenaphthene	9.70	154	1016602	47.94	ng	100
52) 3-Nitroaniline	9.62	138	189398	29.06	ng	99
53) 2,4-Dinitrophenol	9.74	184	222727	63.17	ng #	68
54) Dibenzofuran	9.87	168	1307275	46.00	ng	99
55) 4-Nitrophenol	9.80	139	482111	98.08	ng	98
56) 2,4-Dinitrotoluene	9.86	165	310278	42.82	ng #	84
57) Fluorene	10.22	166	989333	47.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	302621	50.94	ng	96
59) Diethylphthalate	10.10	149	1141388	47.23	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	479989	49.12	ng	97
61) 4-Nitroaniline	10.24	138	274322	42.84	ng	93
62) Azobenzene	10.36	77	1202367	49.81	ng	99
64) 4,6-Dinitro-2-methylphenol	10.27	198	159661	38.53	ng #	49
65) n-Nitrosodiphenylamine	10.33	169	885796	45.52	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	308528	47.35	ng	95
67) Hexachlorobenzene	10.75	284	329463	44.26	ng	95
68) Atrazine	10.87	200	348221	53.60	ng	94
69) Pentachlorophenol	10.95	266	329740	82.34	ng	99
70) Phenanthrene	11.16	178	1431987	44.43	ng	100
71) Anthracene	11.21	178	1489171	45.55	ng	100
72) Carbazole	11.37	167	1288008	42.02	ng	99
73) Di-n-butylphthalate	11.72	149	1734368	48.54	ng #	97
74) Fluoranthene	12.34	202	1448323	42.88	ng	98
76) Benzidine	12.47	184	490392	28.05	ng	95
77) Pyrene	12.57	202	1433948	44.07	ng	98
79) Butylbenzylphthalate	13.20	149	607670	46.31	ng	99
80) Benzo(a)anthracene	13.75	228	1267747	44.85	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	364414	35.72	ng	99
82) Chrysene	13.78	228	1163083	44.05	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	864651	47.64	ng	99
84) Di-n-octyl phthalate	14.38	149	1495179	51.04	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1164643	59.66	ng	100
87) Benzo(h)fluoranthene	14.74	252	1345359m	48.90	ng	
88) Benzo(k)fluoranthene	14.77	252	973662m	41.70	ng	
89) Benzo(a)pyrene	15.05	252	1150473	48.80	ng #	97
90) Dibenzo(a,h)anthracene	16.35	278	984011	56.97	ng	99
91) Benzo(g,h,i)perylene	16.71	276	936656	53.87	ng	99

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



#1

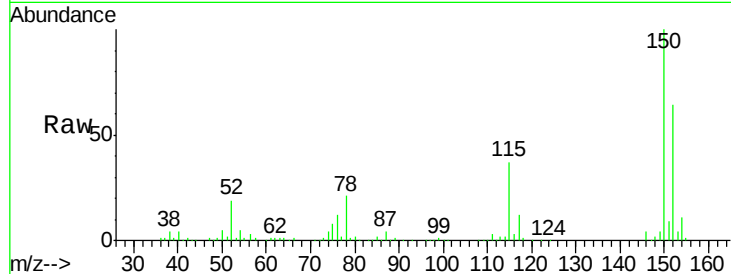
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
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ClientSampleId :
PB93161BSD

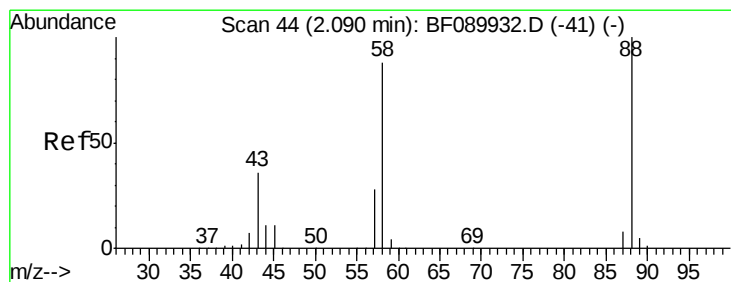
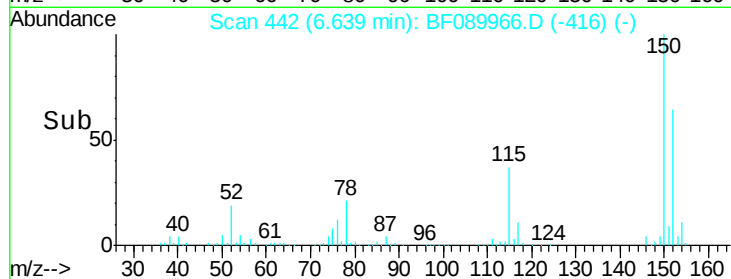
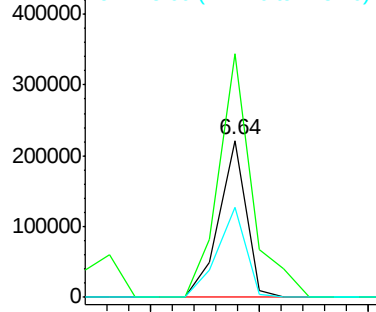
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.2
115	57.2	46.3	69.5

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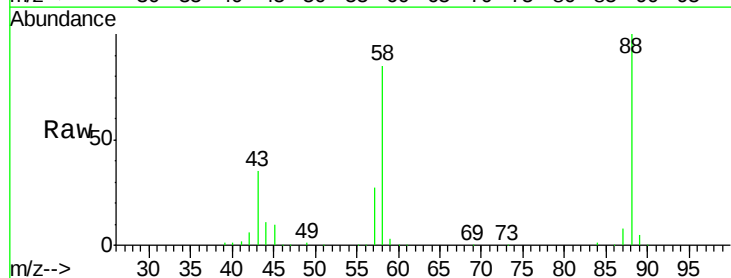
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



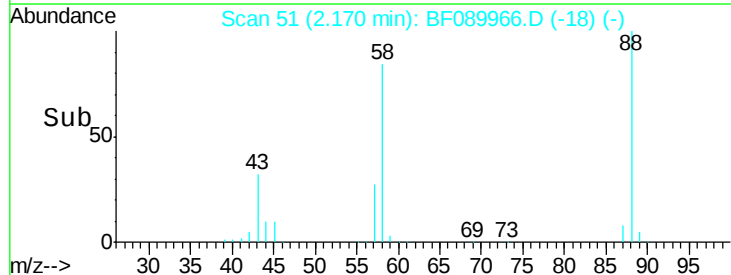
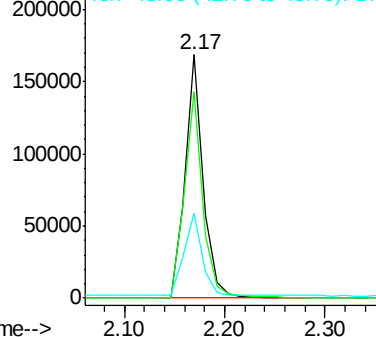
#2

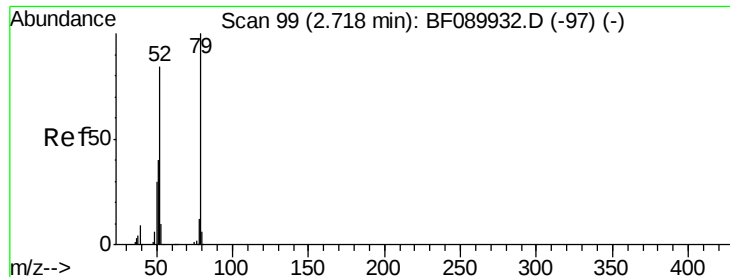
1,4-Dioxane
Concen: 36.94 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	68.8	103.2
43	34.0	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: 36.60 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

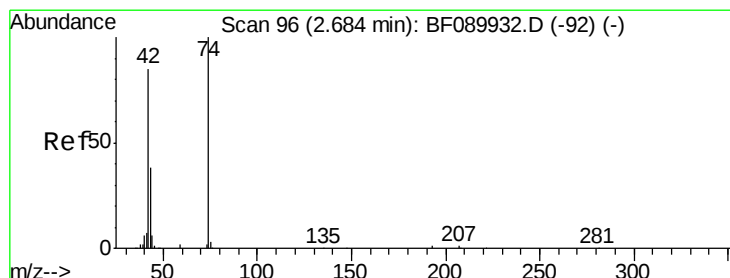
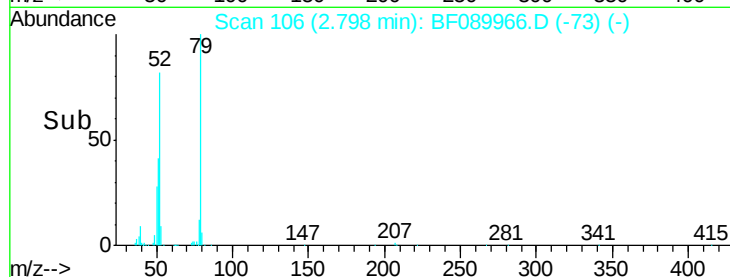
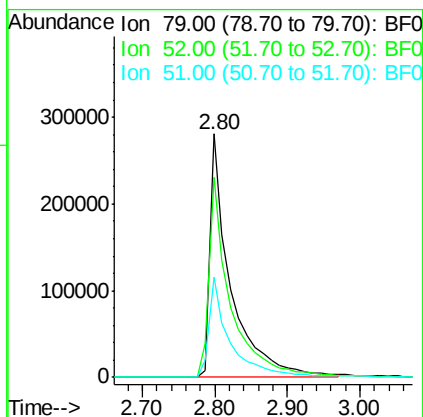
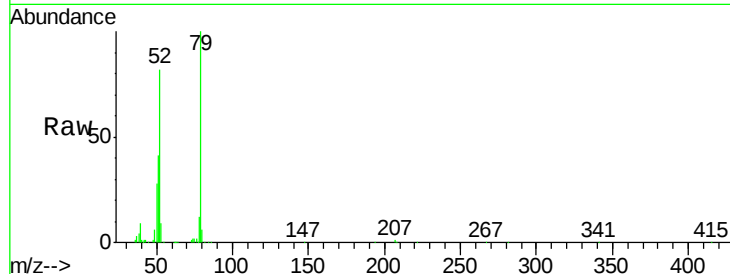
ClientSampleId :

PB93161BSD

Tgt Ion:	79	Resp:	555064
Ion	Ratio	Lower	Upper
79	100		
52	82.3	67.8	101.6
51	41.0	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 45.26 ng

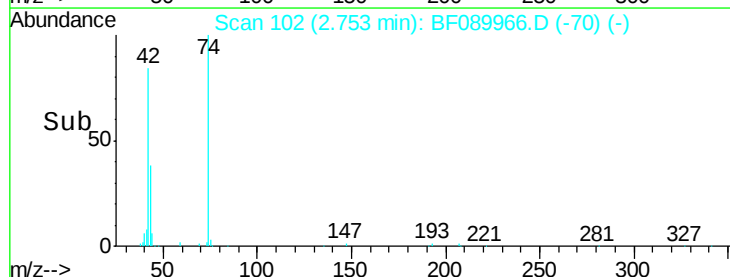
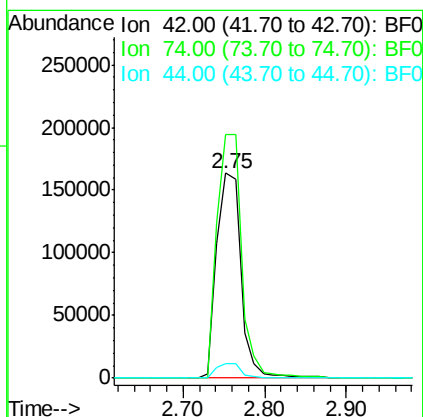
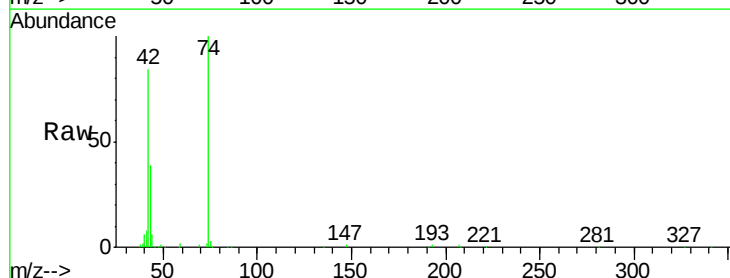
RT: 2.75 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:	42	Resp:	338480
Ion	Ratio	Lower	Upper
42	100		
74	118.9	92.0	138.0
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 127.40 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

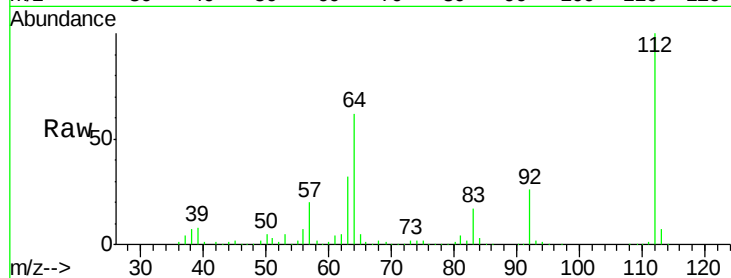
ClientSampleId :

PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1528534		
64	61.6		41.1	61.7
63	32.0		21.2	31.8

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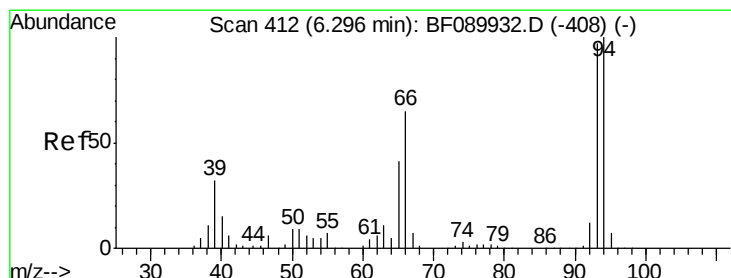
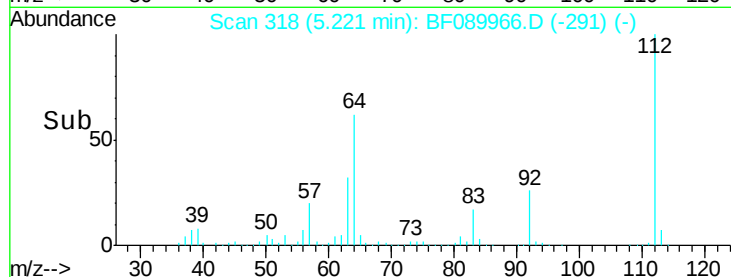
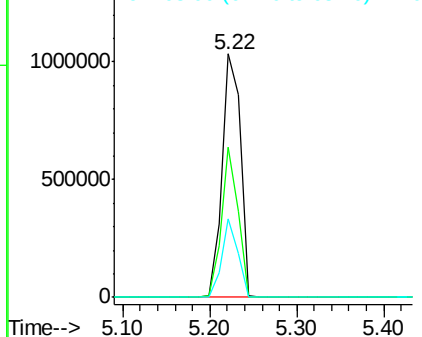
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.44 ng

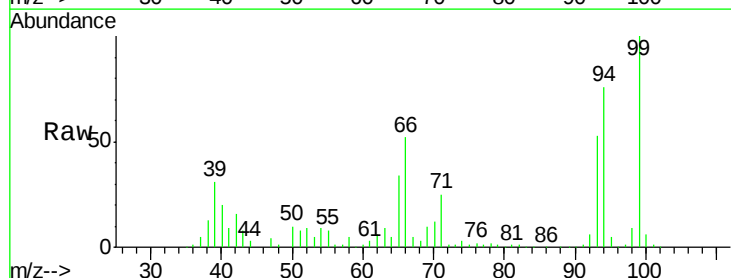
RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

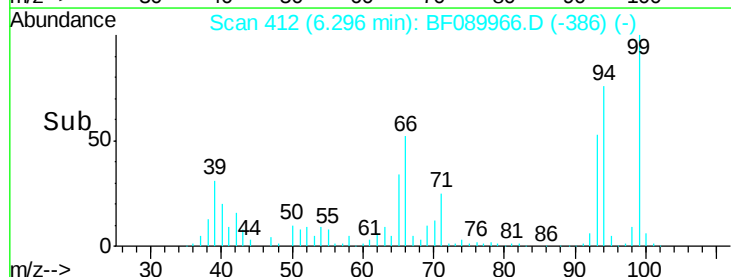
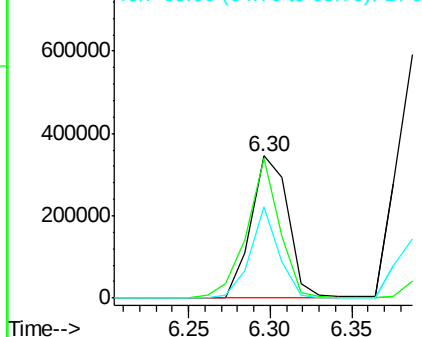
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	545847		
66	98.8		52.9	79.3
65	63.9		33.0	49.6

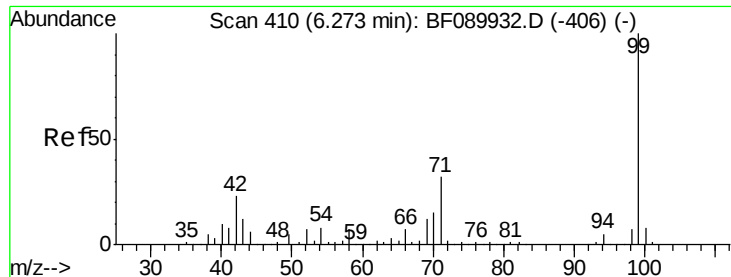


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.35 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1798221

Ion Ratio Lower Upper

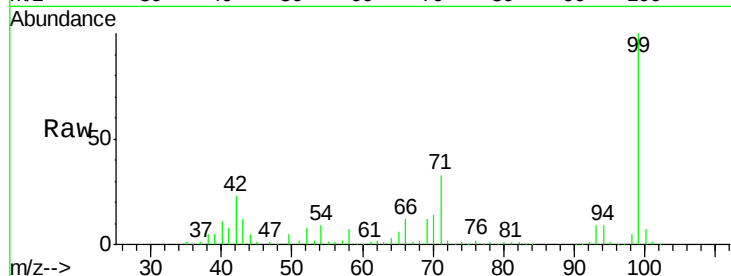
99 100

42 23.2 18.6 27.8

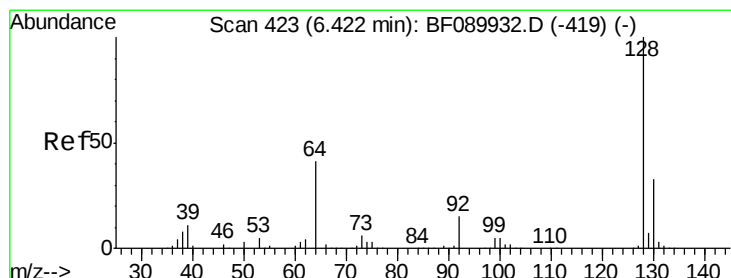
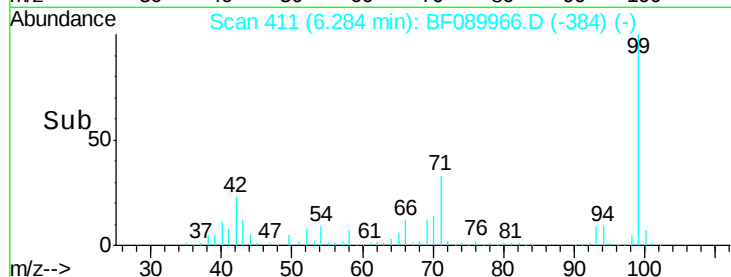
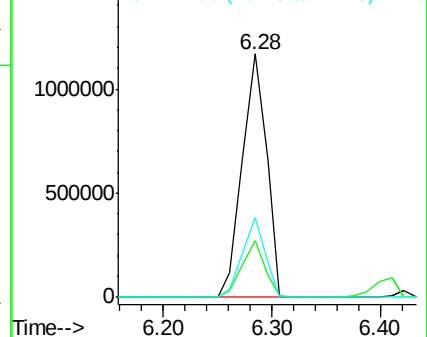
71 32.9 25.8 38.6

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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: 43.04 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

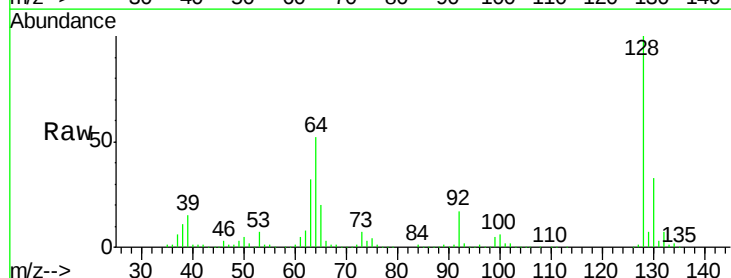
Tgt Ion: 128 Resp: 560242

Ion Ratio Lower Upper

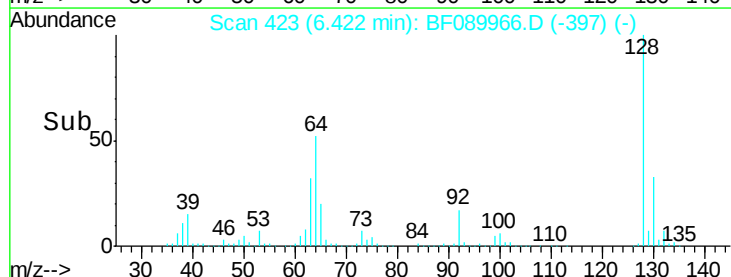
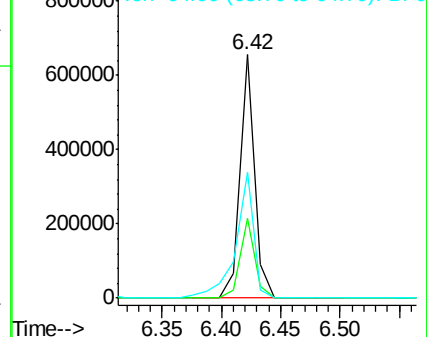
128 100

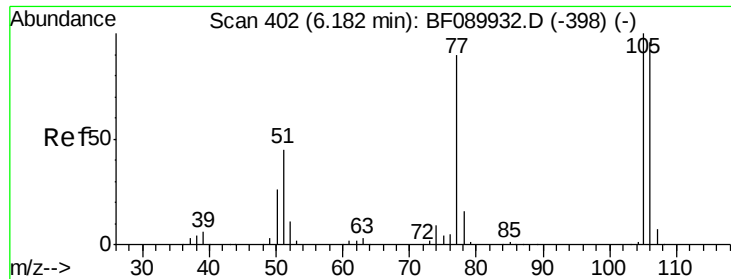
130 32.9 12.8 52.8

64 51.6 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: 11.84 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

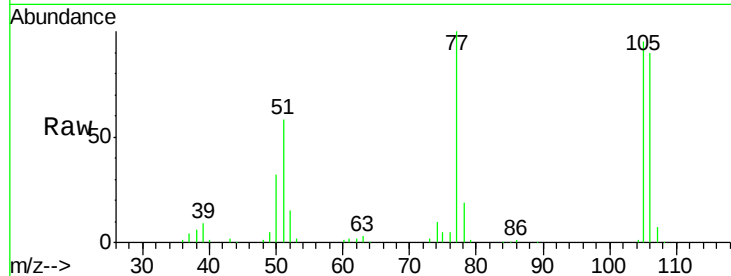
ClientSampleId :

PB93161BSD

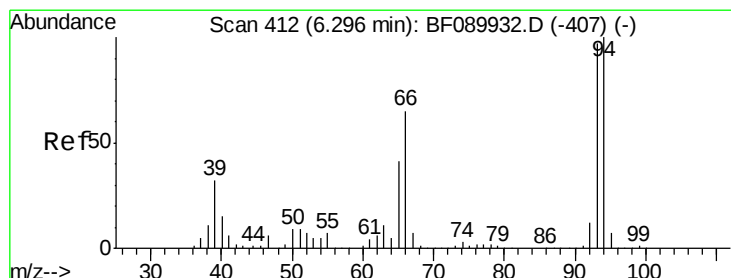
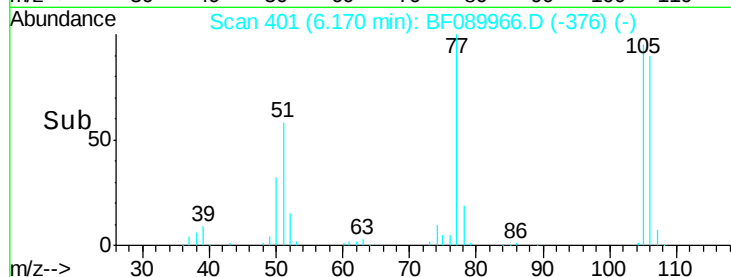
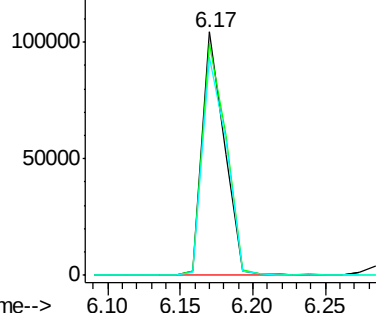
Tgt Ion:	77	Resp:	111323
Ion Ratio	Lower	Upper	
77	100		
105	95.4	85.4	125.4
106	89.6	83.4	123.4

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.13 ng

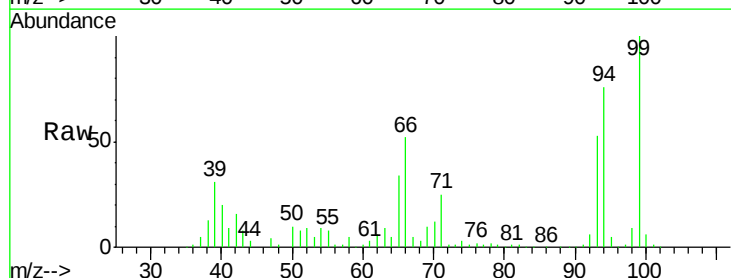
RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

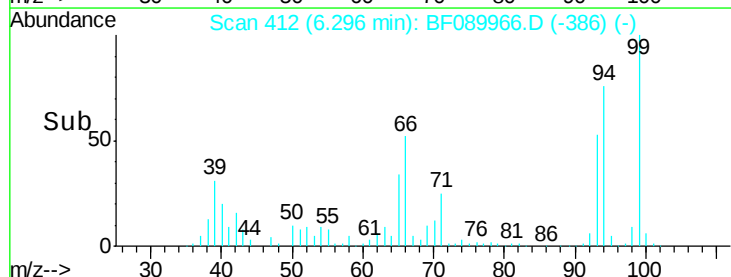
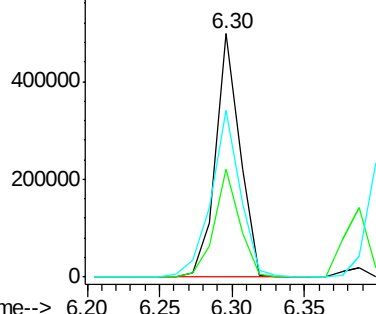
Lab File: BF089966.D

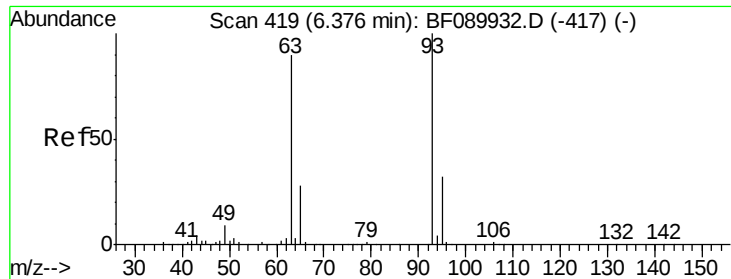
Acq: 1 Sep 2016 12:39

Tgt Ion:	94	Resp:	578663
Ion Ratio	Lower	Upper	
94	100		
65	44.3	23.2	63.2
66	68.5	49.2	89.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.37 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion: 93 Resp: 594868

Ion Ratio Lower Upper

93 100

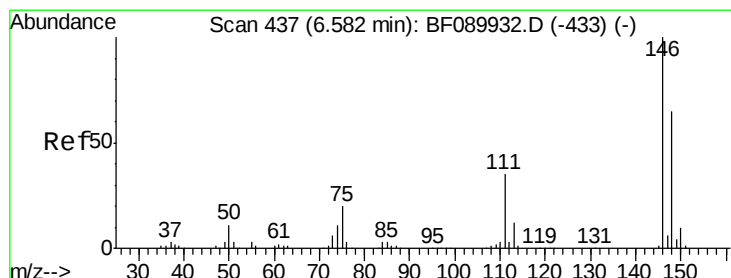
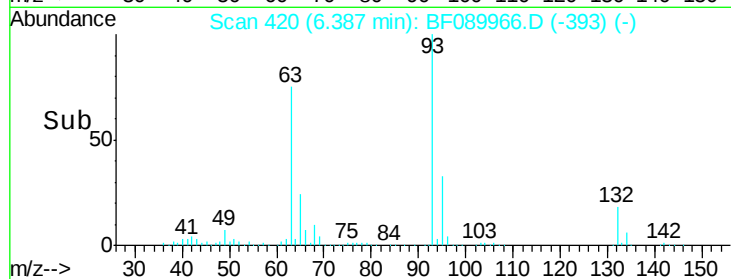
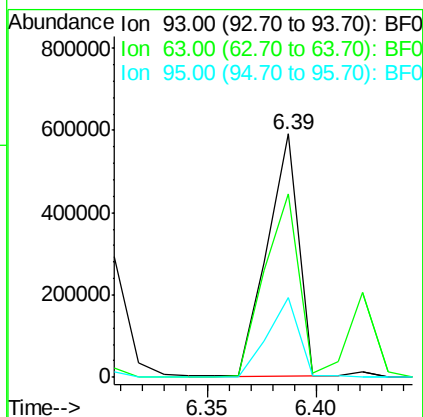
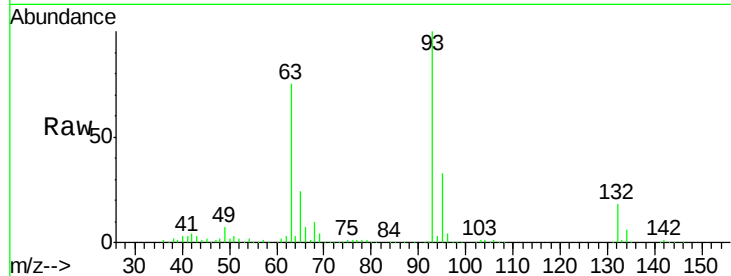
63 75.4 71.1 111.1

95 32.5 12.4 52.4

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#12

1,3-Dichlorobenzene

Concen: 45.43 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

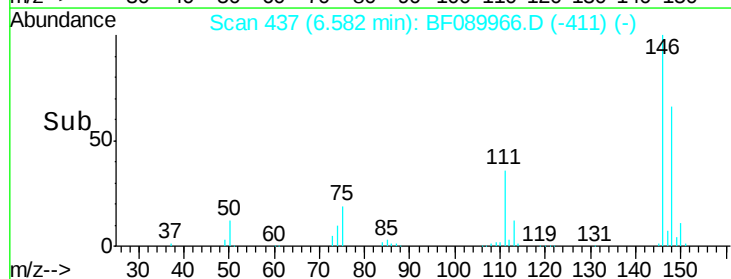
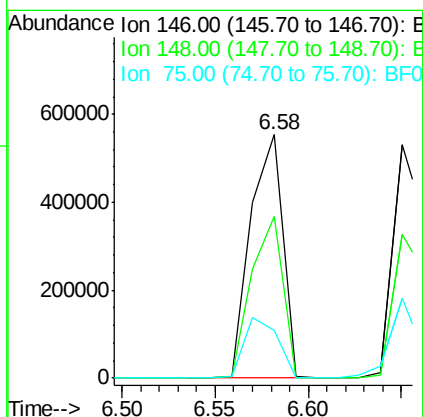
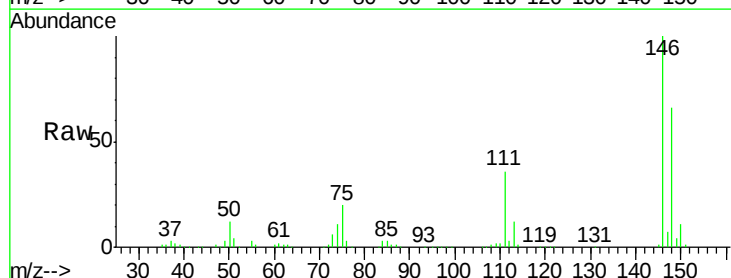
Tgt Ion: 146 Resp: 660473

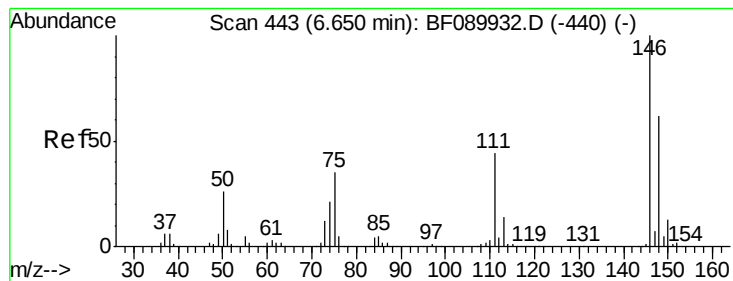
Ion Ratio Lower Upper

146 100

148 66.2 52.5 78.7

75 19.8 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 42.40 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

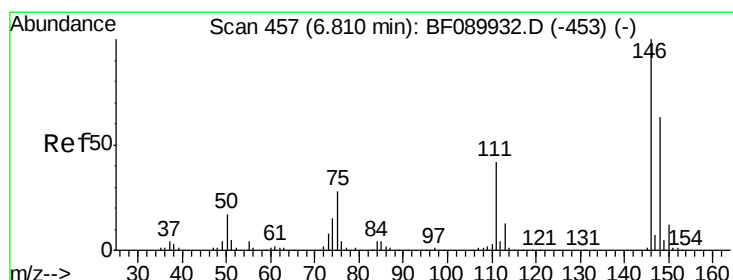
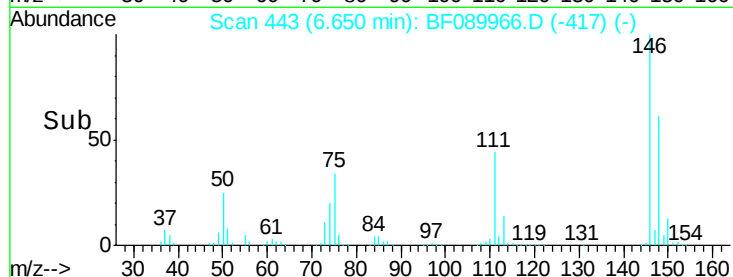
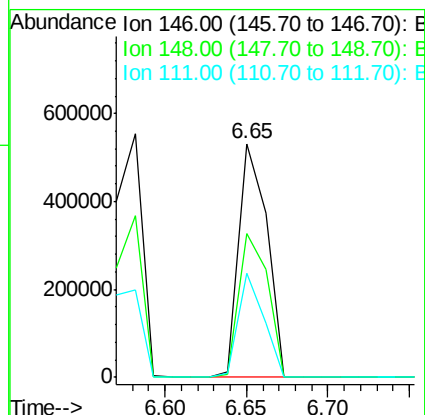
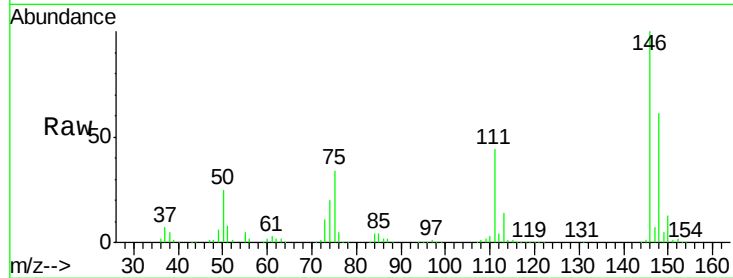
ClientSampleId :

PB93161BSD

Tgt Ion:	146	Resp:	630605
Ion Ratio	Lower	Upper	
146	100		
148	61.4	50.1	75.1
111	44.3	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 46.56 ng

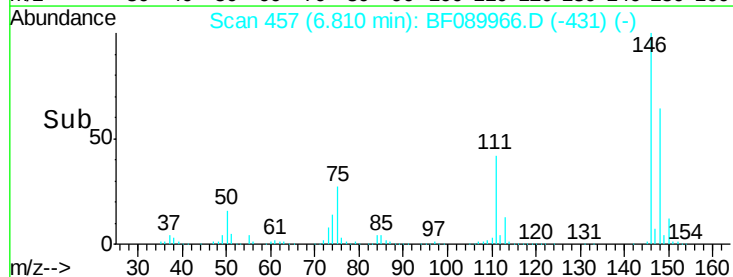
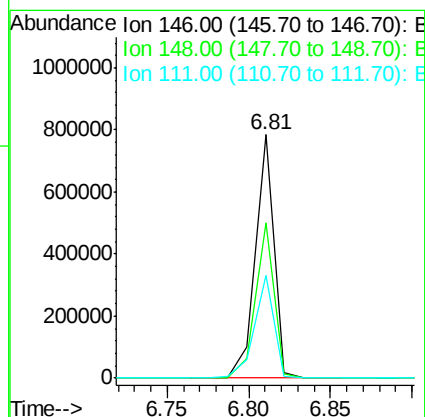
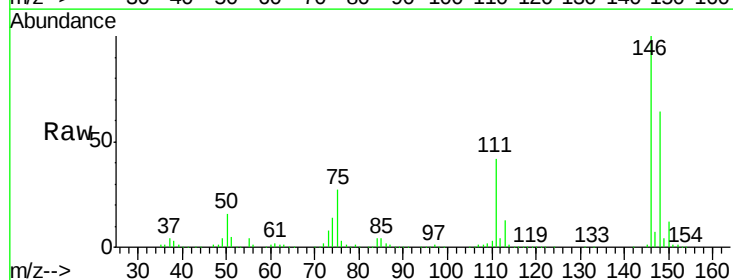
RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:	146	Resp:	620904
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
111	42.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.25 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

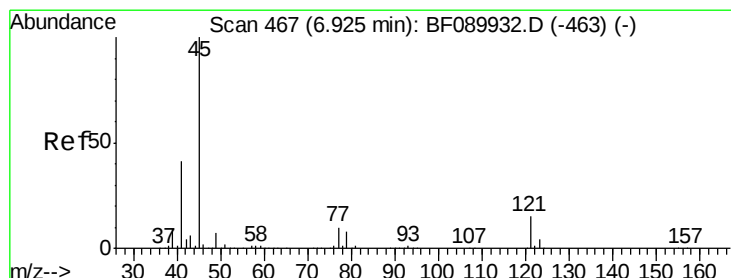
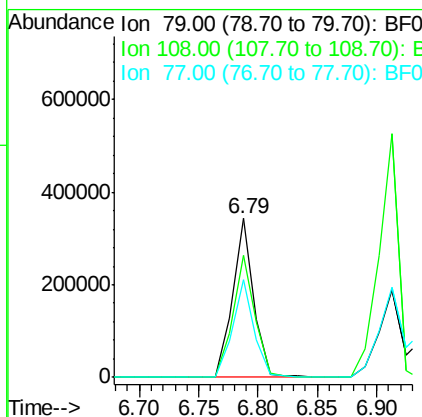
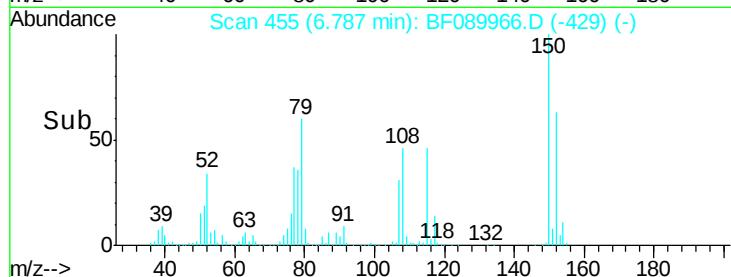
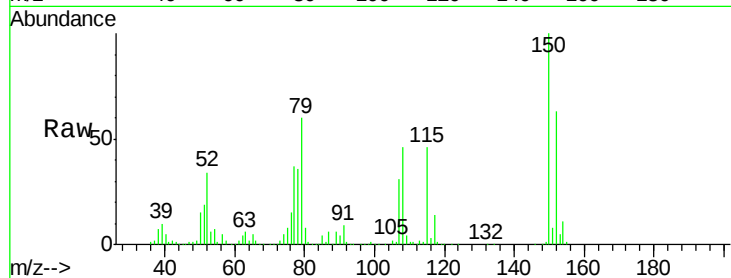
ClientSampleId :

PB93161BSD

Tgt Ion:	79	Resp:	422423
Ion Ratio	Lower	Upper	
79	100		
108	77.2	62.1	93.1
77	61.8	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.85 ng

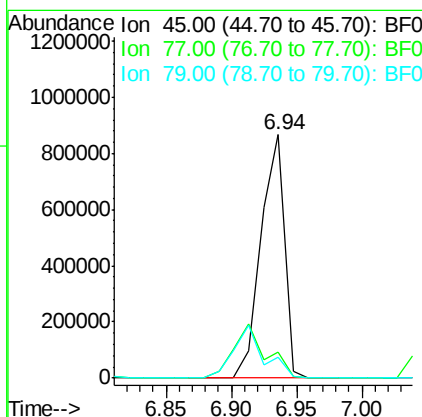
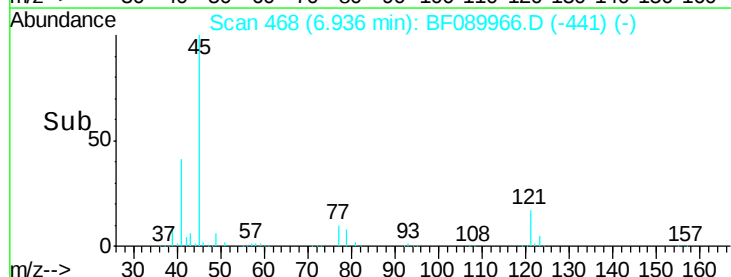
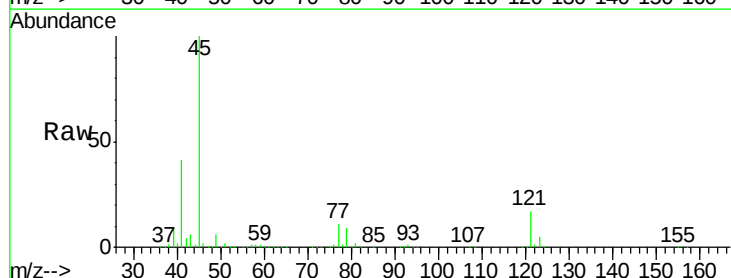
RT: 6.94 min Scan# 468

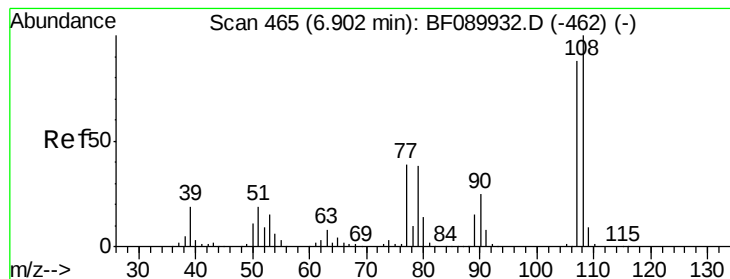
Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:	45	Resp:	1096976
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.3
79	8.8	0.0	27.5





#17

2-Methylphenol

Concen: 49.57 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

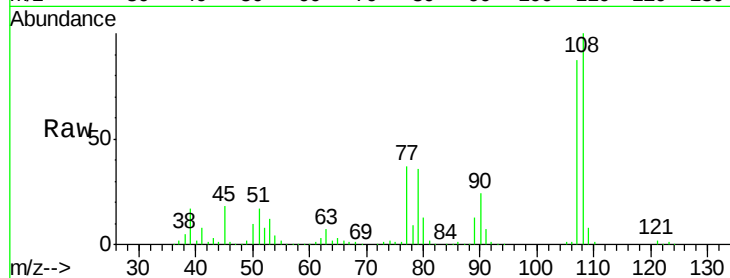
ClientSampleId :

PB93161BSD

Tgt Ion:	107	Resp:	515245
Ion Ratio	Lower	Upper	
107	100		
108	115.1	91.8	137.6
77	42.3	36.0	54.0
79	41.3	35.9	53.9

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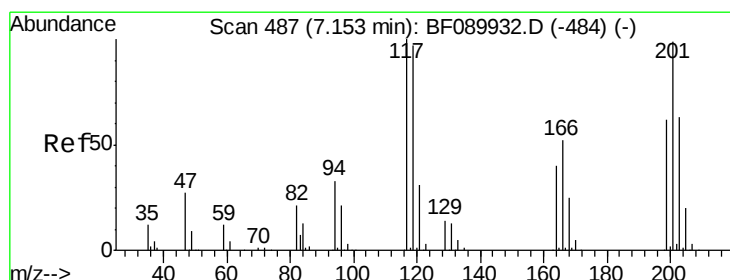
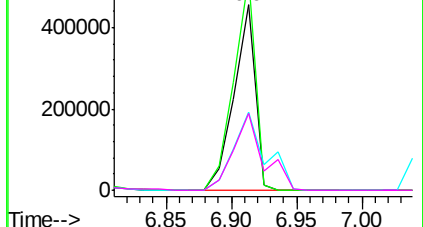
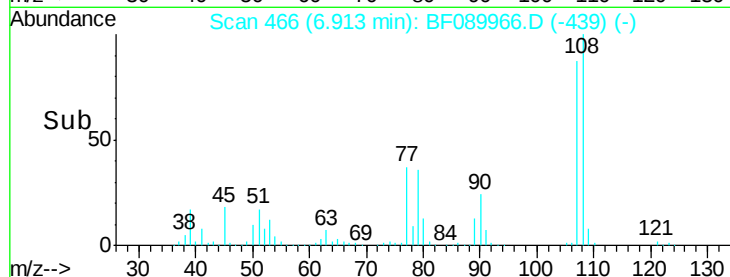


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.36 ng

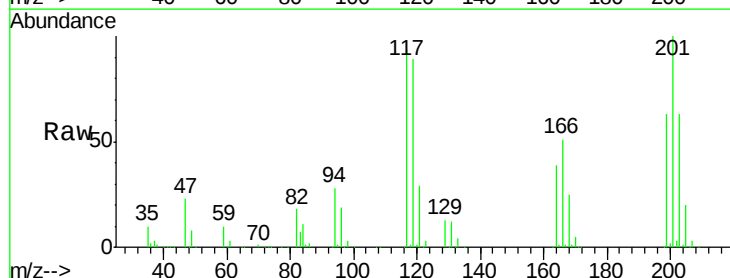
RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

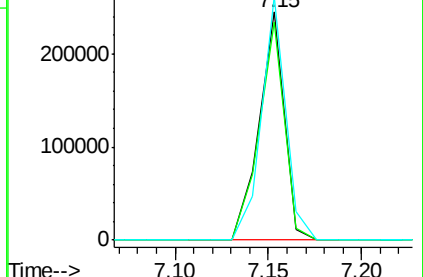
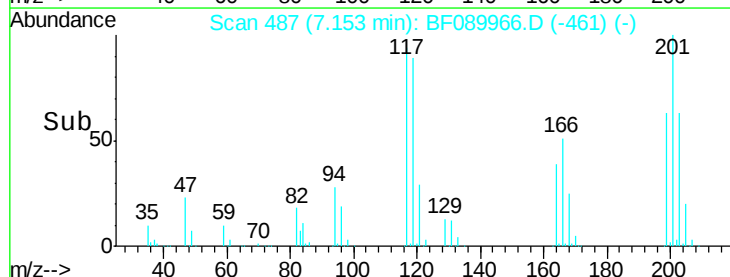
Tgt Ion:	117	Resp:	226017
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.2	114.2
201	106.8	80.2	120.2

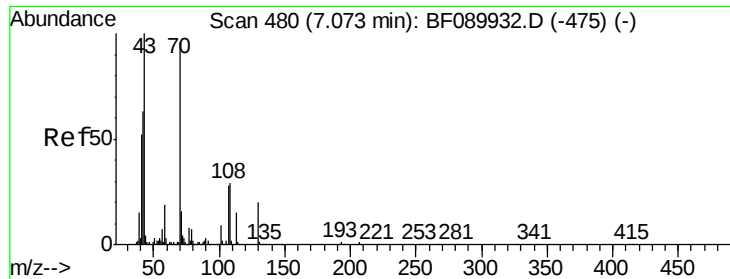


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





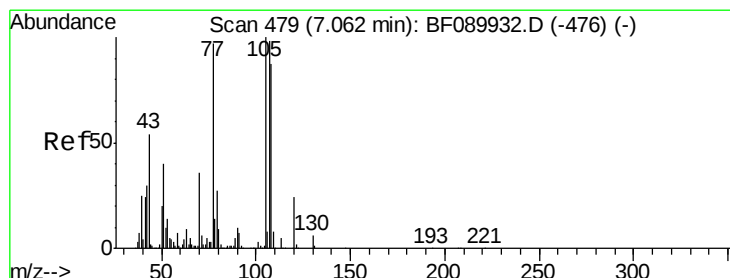
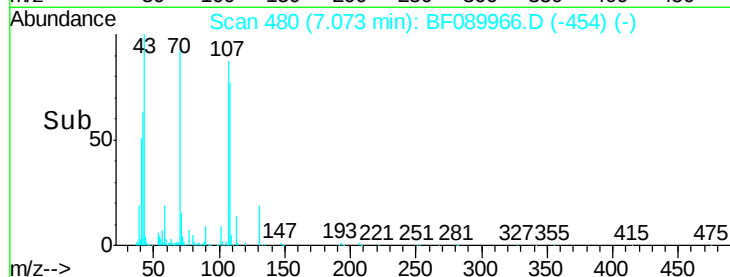
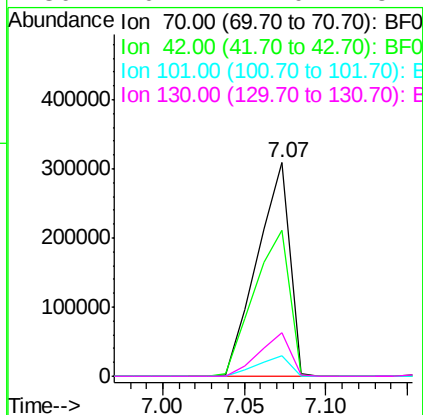
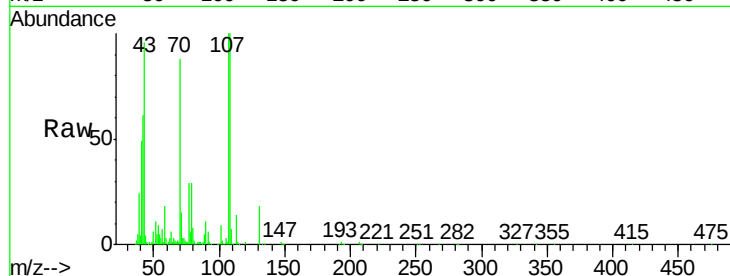
#19
n-Nitroso-di-n-propylamine
Concen: 45.10 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.6	52.1	78.1
101	9.8	7.4	11.2
130	20.1	17.0	25.4

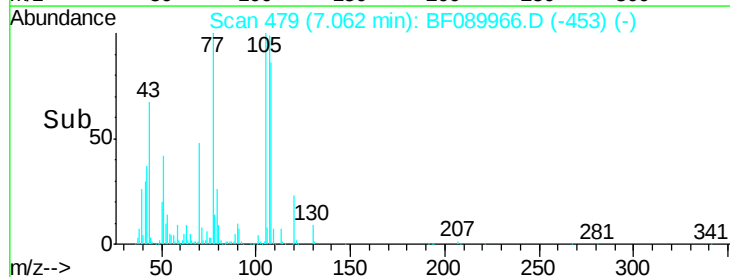
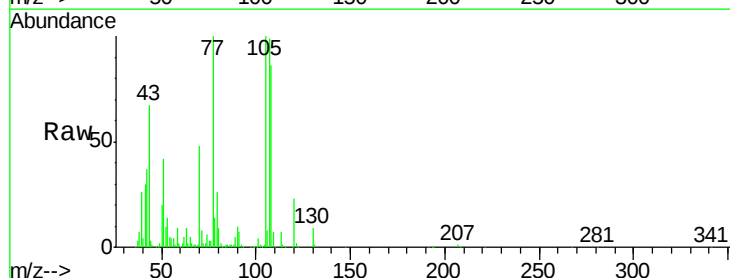
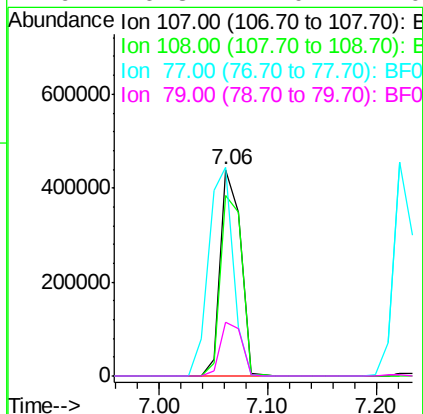
Manual Integrations
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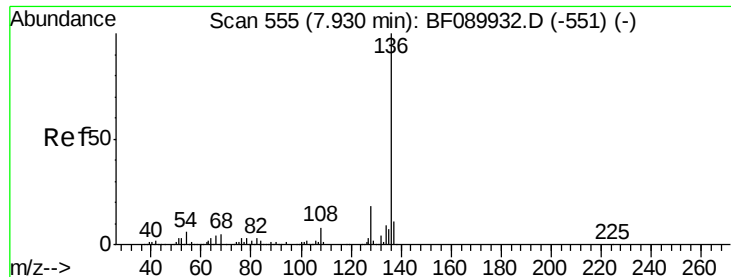
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#20
3+4-Methylphenols
Concen: 45.51 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.2	110.2
77	101.3	75.7	115.7
79	26.3	7.0	47.0





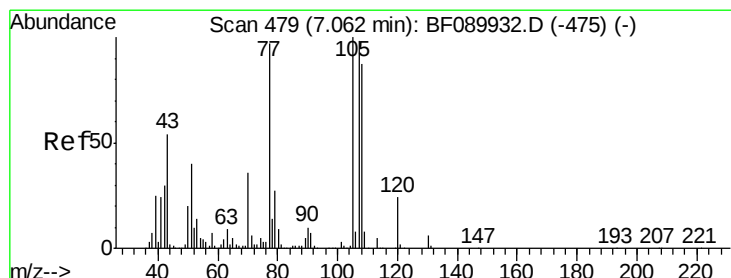
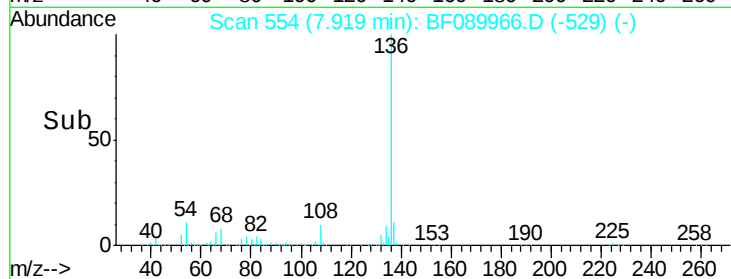
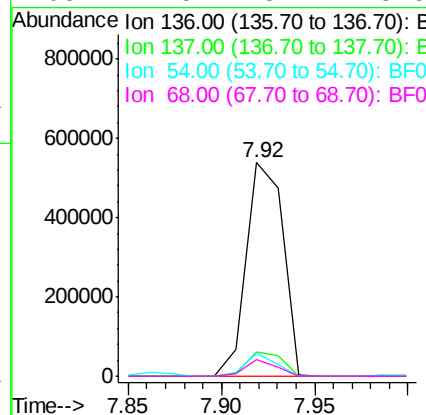
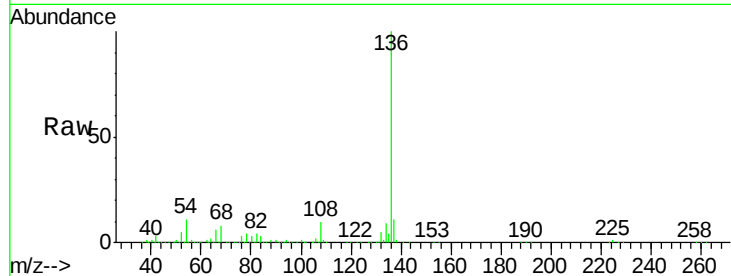
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	744970		
137	11.3	8.3	12.5	
54	10.9	4.8	7.2#	
68	7.5	3.7	5.5#	

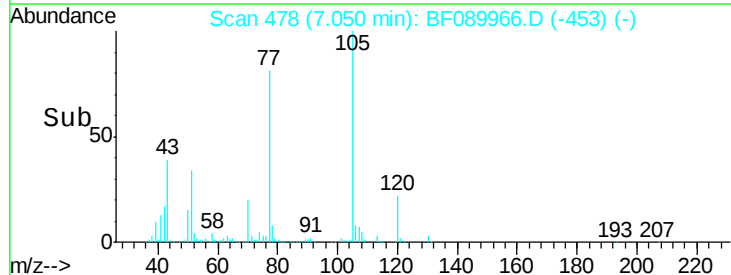
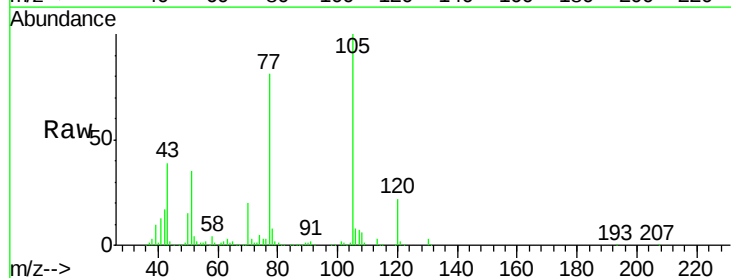
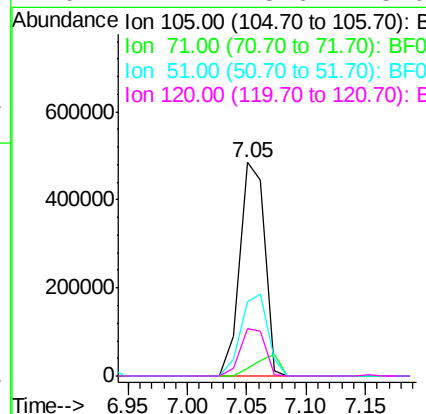
Manual Integrations
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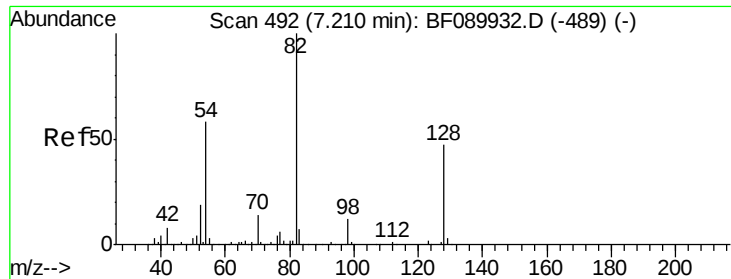
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#22
Acetophenone
Concen: 42.43 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	709078		
71	3.3	5.3	7.9#	
51	34.5	32.6	48.8	
120	22.2	18.6	28.0	





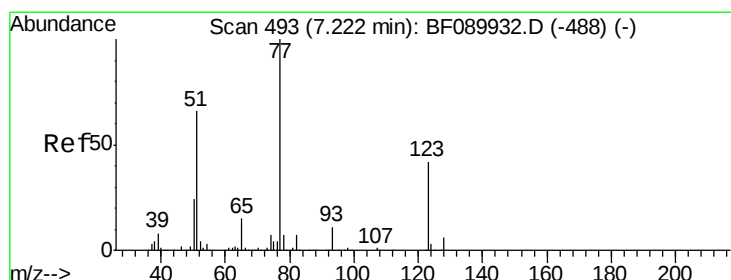
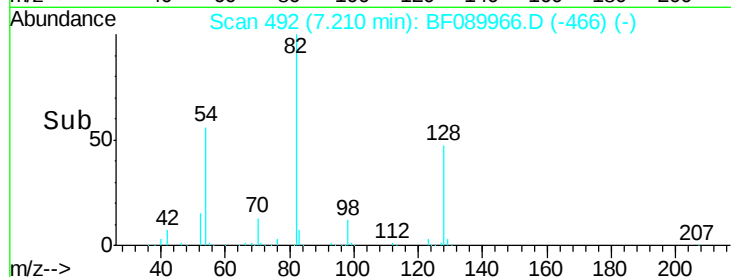
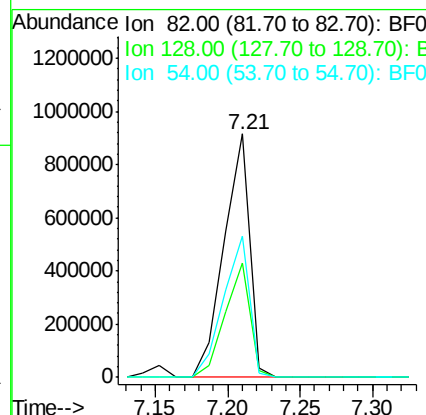
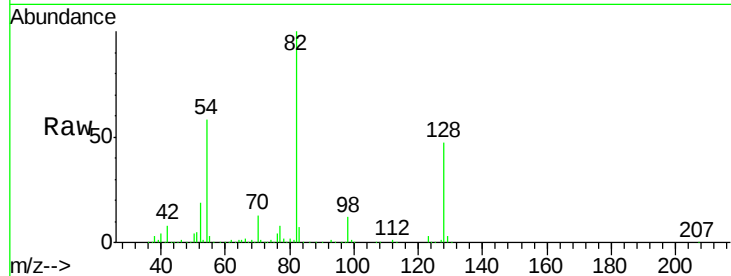
#23
 Nitrobenzene-d5
 Concen: 87.18 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	58.1	46.9	70.3

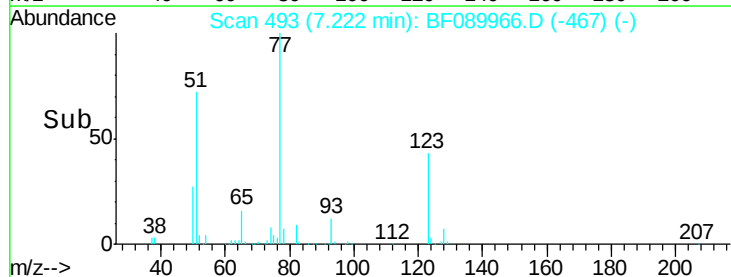
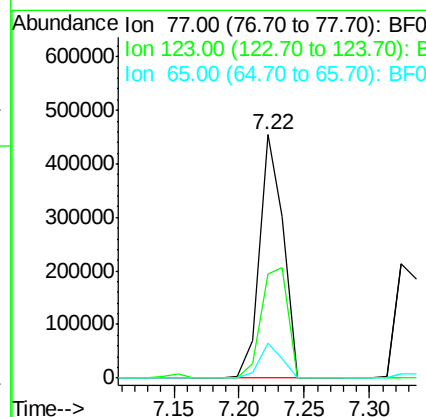
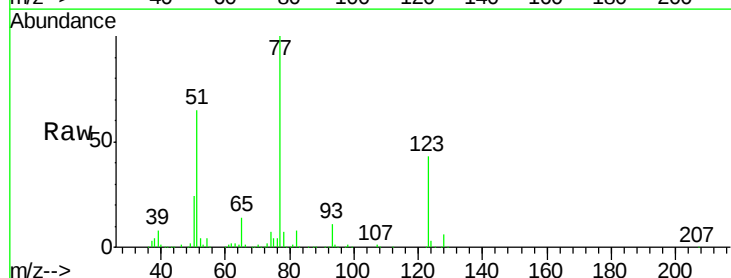
Manual Integrations
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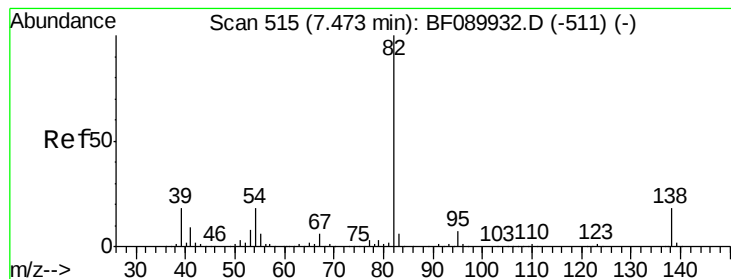
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#24
 Nitrobenzene
 Concen: 41.81 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	32.0	48.0
65	14.2	11.2	16.8





#25

Isophorone

Concen: 44.23 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion: 82 Resp: 1155288

Ion Ratio Lower Upper

82 100

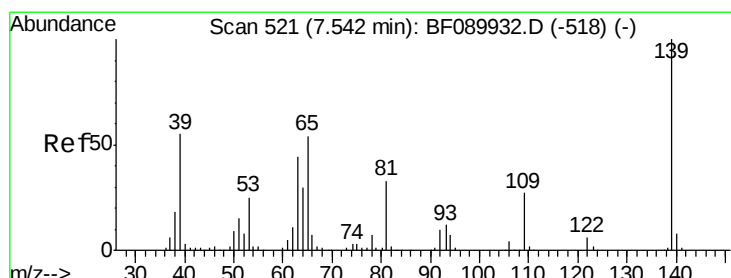
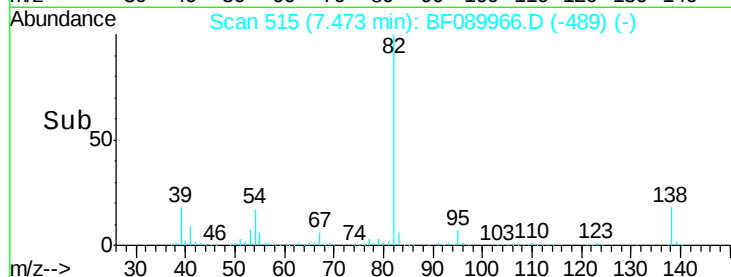
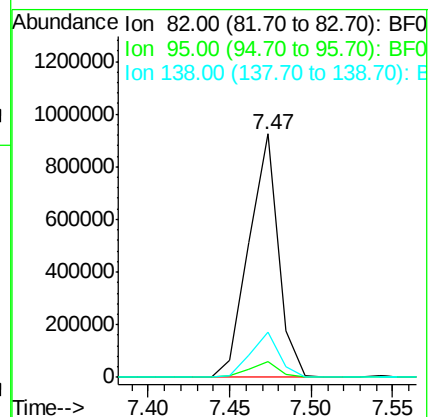
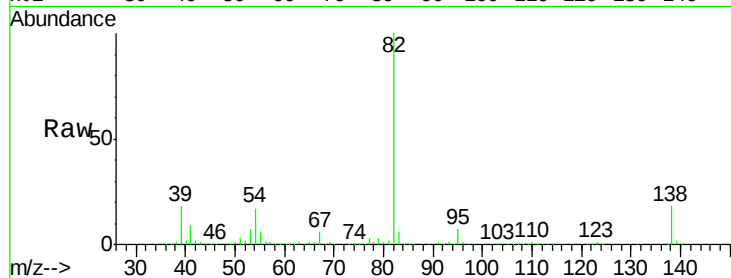
95 6.7 5.5 8.3

138 18.4 14.4 21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.94 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

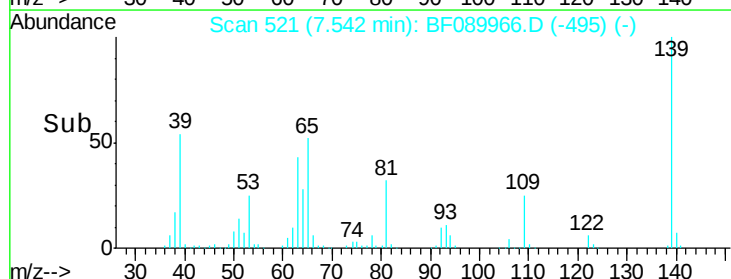
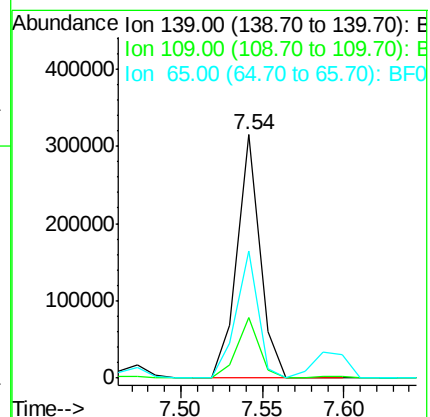
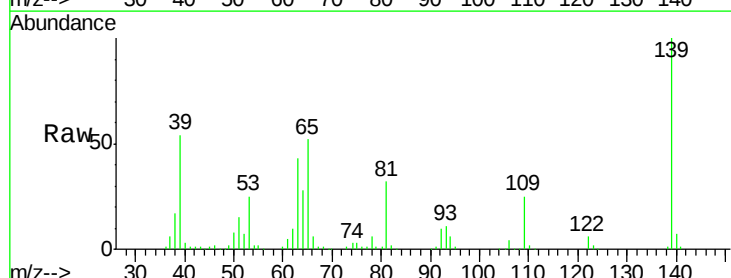
Tgt Ion: 139 Resp: 306419

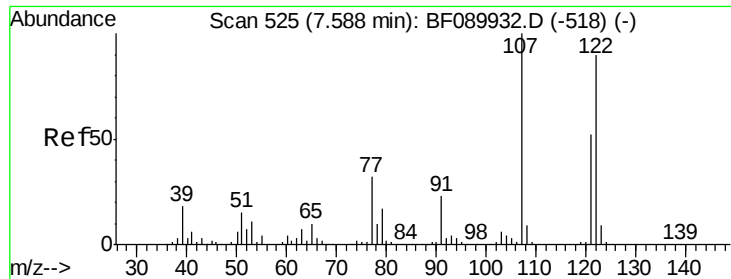
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.4

65 52.4 43.4 65.0





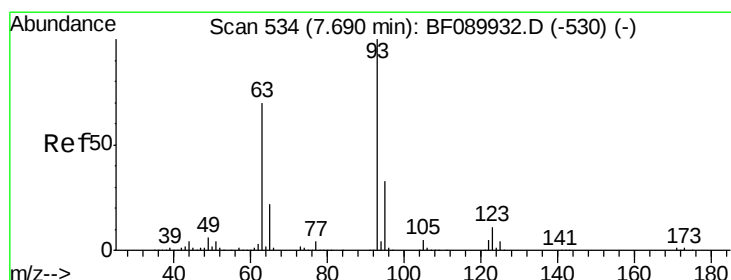
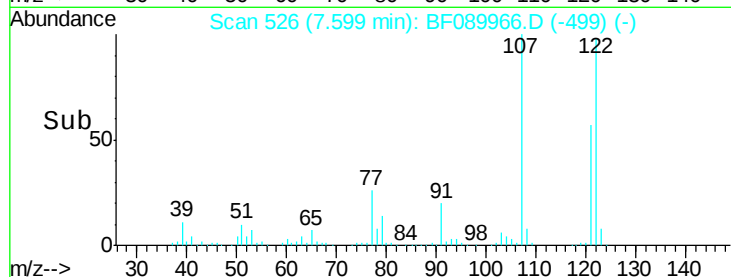
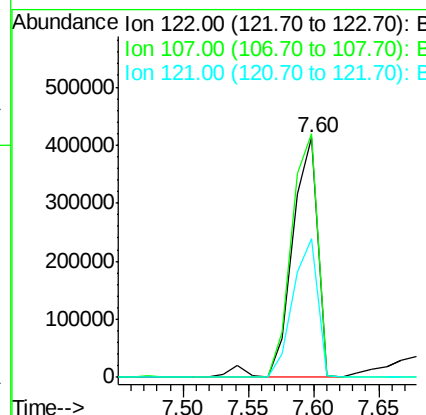
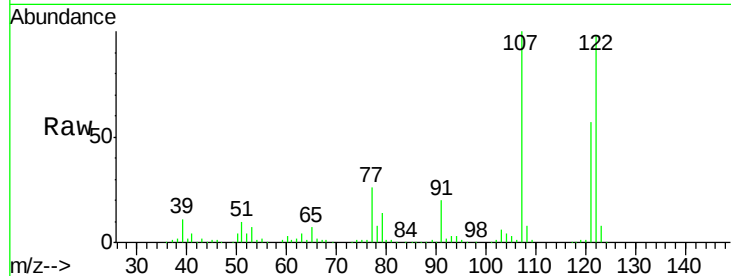
#27
 2,4-Dimethylphenol
 Concen: 47.12 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampled :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	569060		
107	101.8	88.5	132.7	
121	57.7	46.0	69.0	

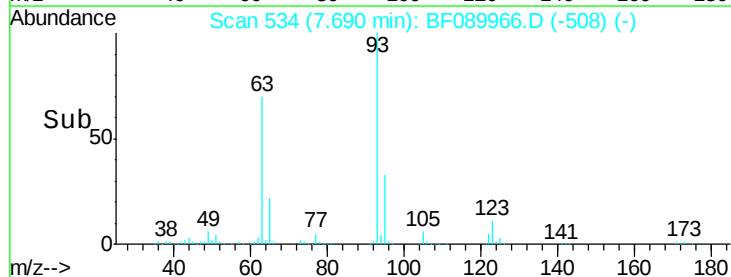
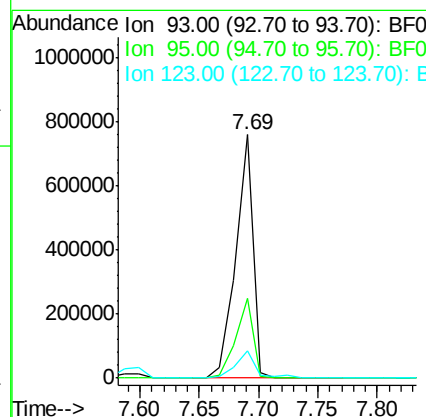
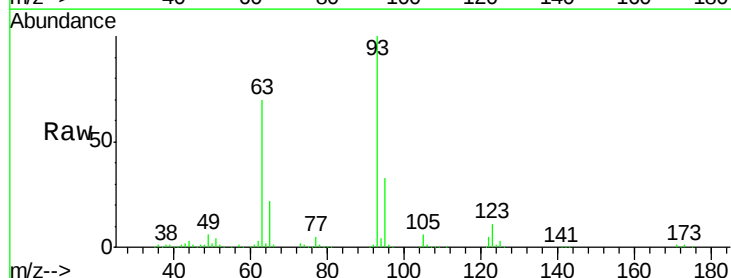
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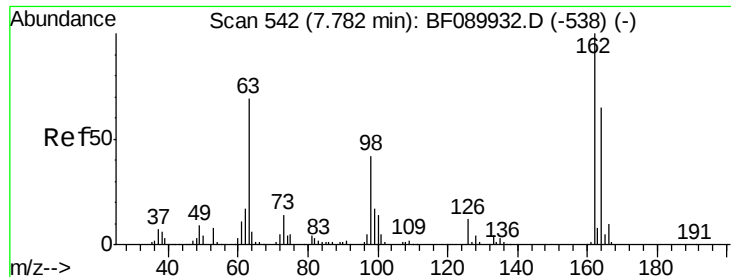
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.68 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	766868		
95	32.9	26.6	40.0	
123	11.0	9.1	13.7	





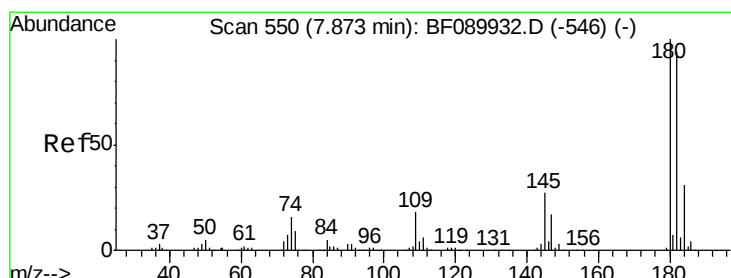
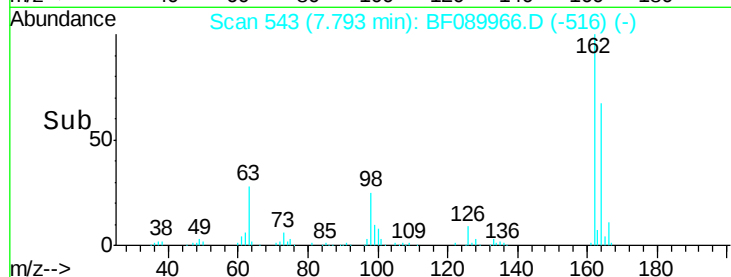
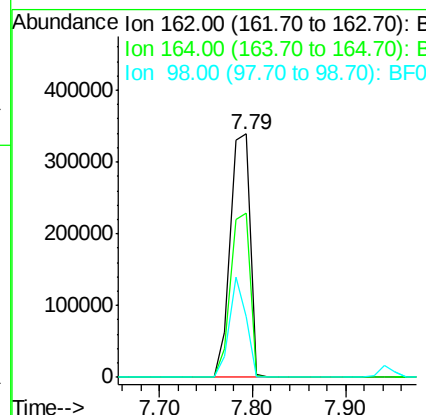
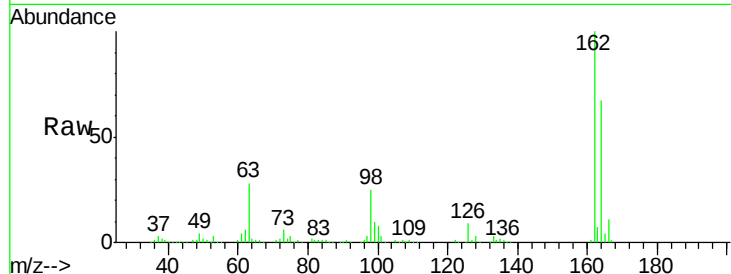
#29
2,4-Dichlorophenol
Concen: 47.04 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	509267		
164	67.4	46.6	86.6	
98	24.8	22.0	62.0	

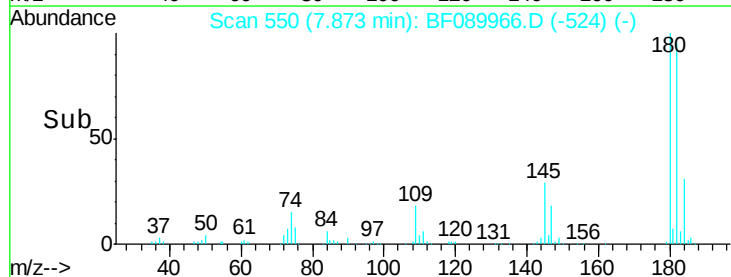
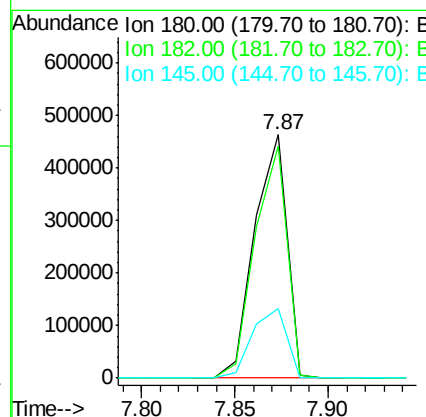
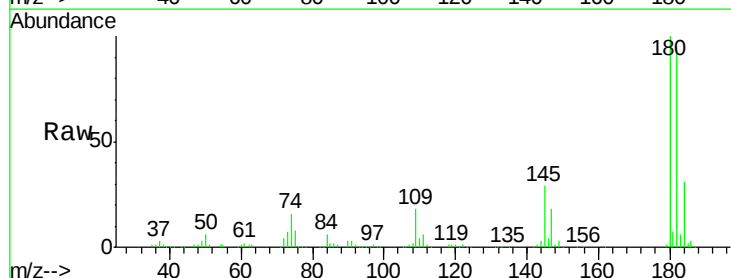
Manual Integrations
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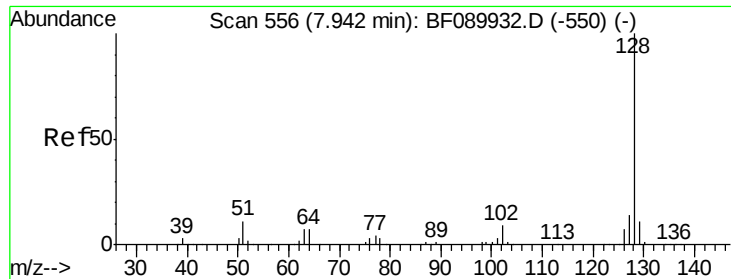
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#30
1,2,4-Trichlorobenzene
Concen: 46.98 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	556090		
182	95.3	76.2	114.2	
145	28.6	22.2	33.4	





#31

Naphthalene

Concen: 42.07 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:128 Resp: 1561245

Ion Ratio Lower Upper

128 100

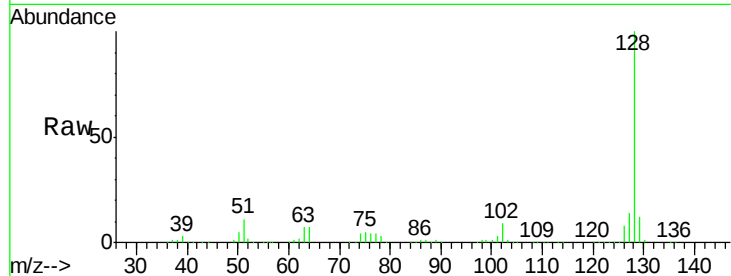
129 11.9 9.4 14.0

127 13.6 10.7 16.1

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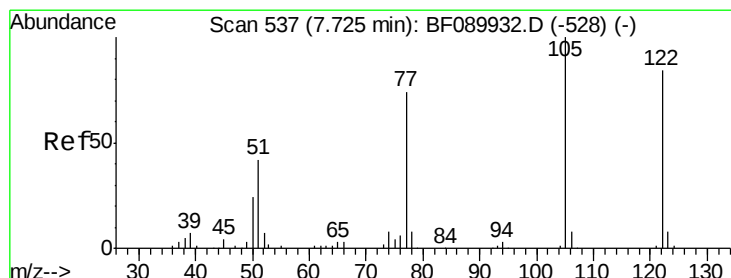
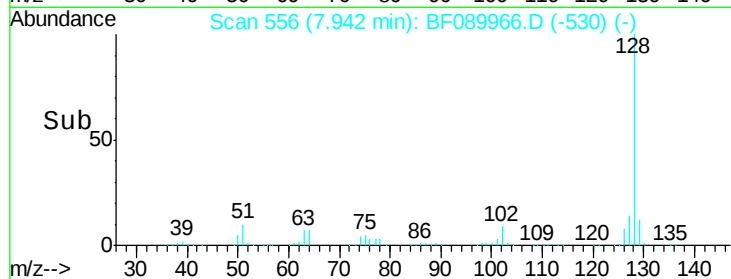
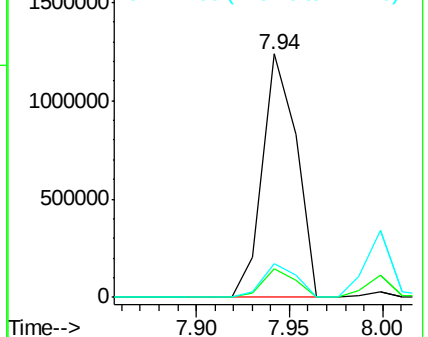
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.98 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

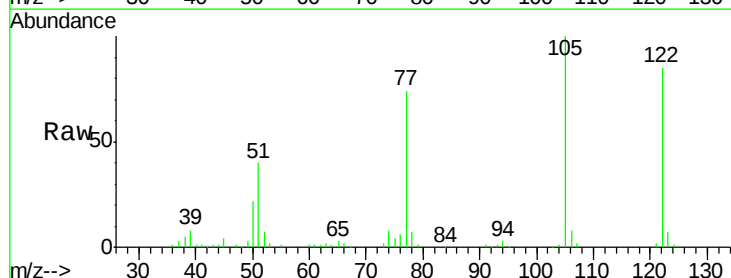
Tgt Ion:122 Resp: 276403

Ion Ratio Lower Upper

122 100

105 117.1 102.2 142.2

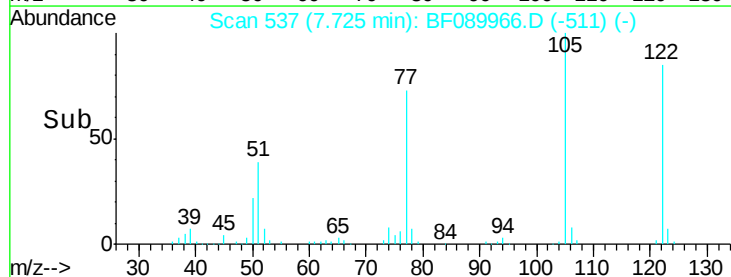
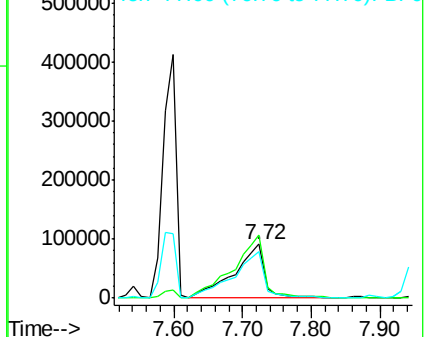
77 86.7 74.1 114.1



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





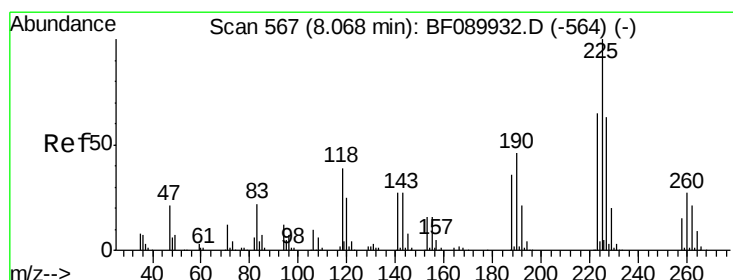
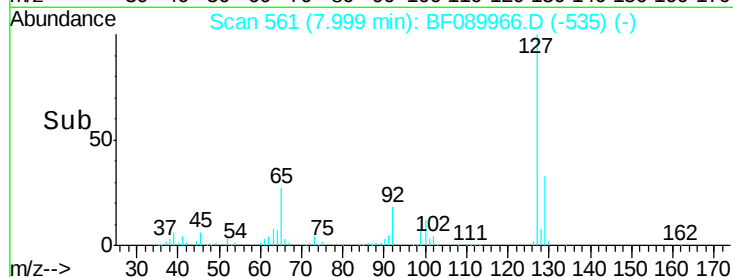
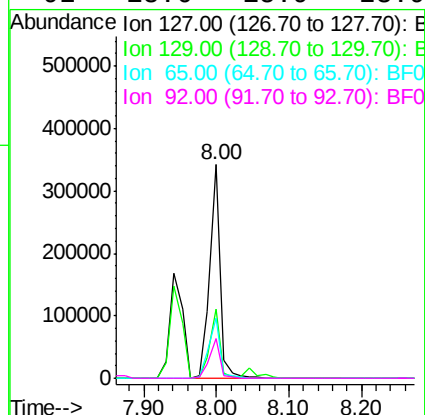
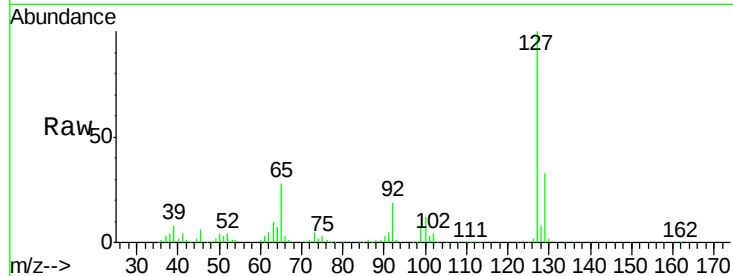
#33
4-Chloroaniline
Concen: 23.12 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	346188		
129	32.6	25.9	38.9	
65	28.1	26.0	39.0	
92	18.6	15.9	23.9	

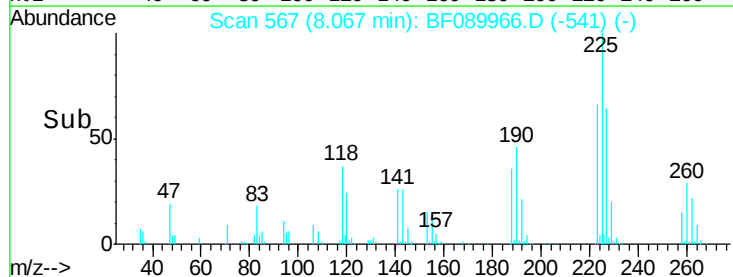
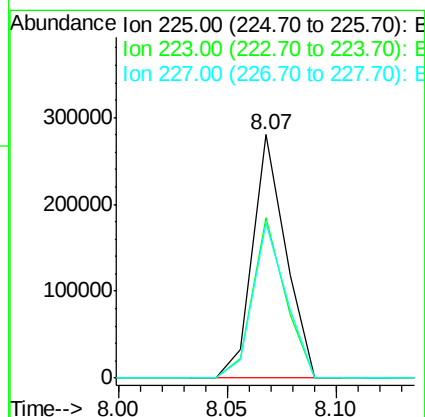
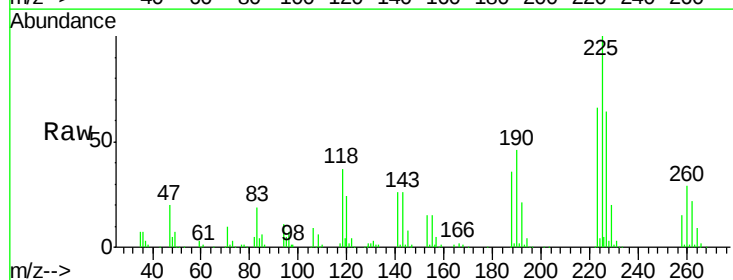
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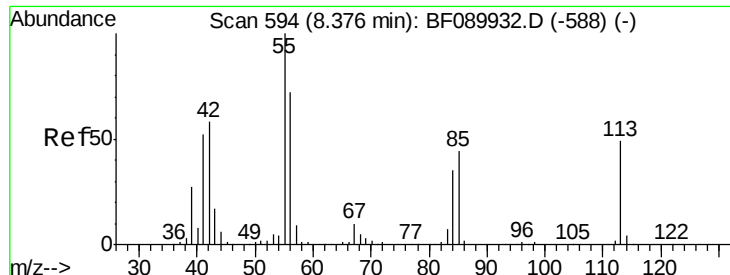
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#34
Hexachlorobutadiene
Concen: 42.77 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	296641		
223	65.7	52.6	78.8	
227	63.7	50.8	76.2	





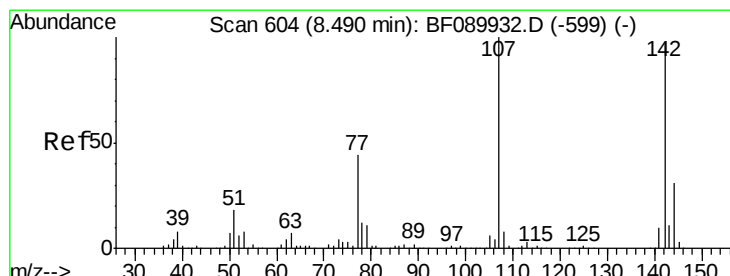
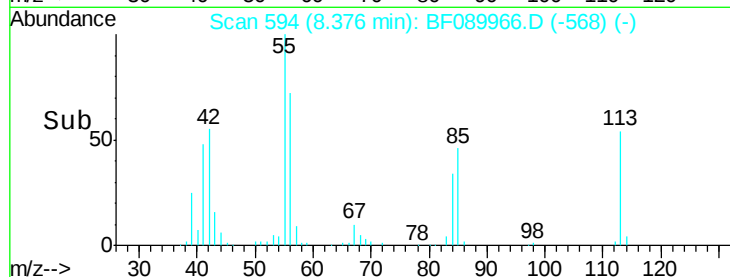
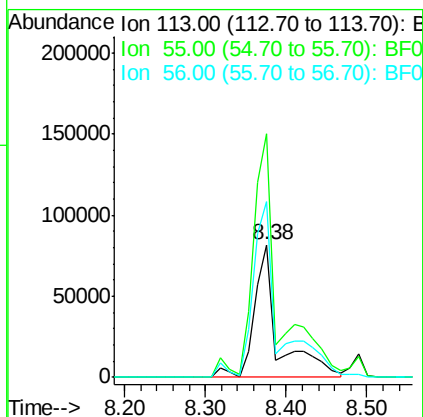
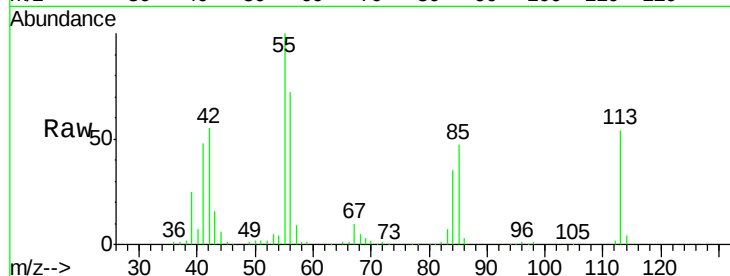
#35
 Caprolactam
 Concen: 49.99 ng m
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	170815		
55	184.0	178.5	218.5	
56	132.4	122.7	162.7	

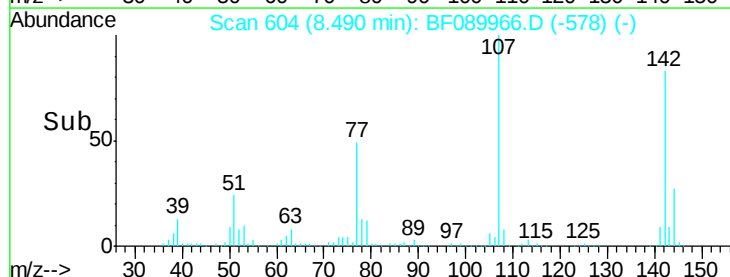
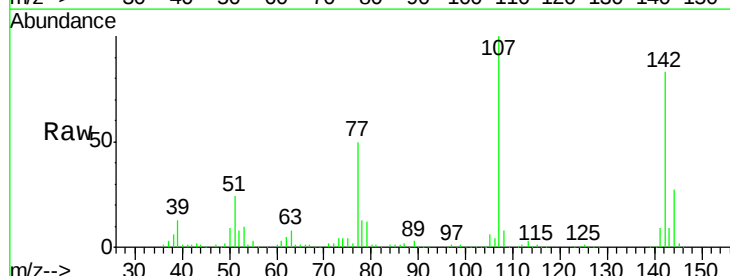
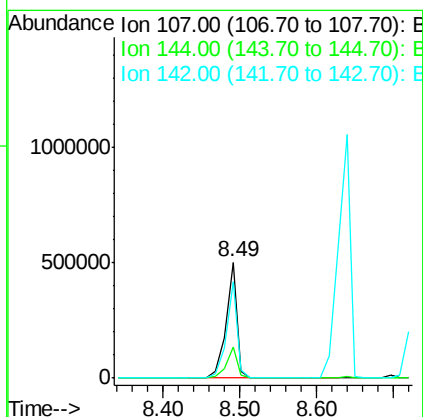
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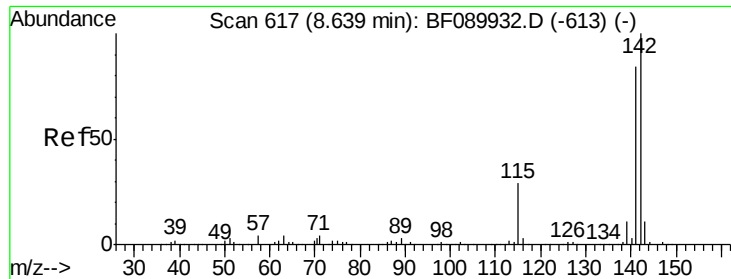
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#36
 4-Chloro-3-methylphenol
 Concen: 44.31 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	508021		
144	26.9	25.8	38.8	
142	83.2	79.2	118.8	





#37

2-Methylnaphthalene

Concen: 48.43 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:142 Resp: 1187820

Ion Ratio Lower Upper

142 100

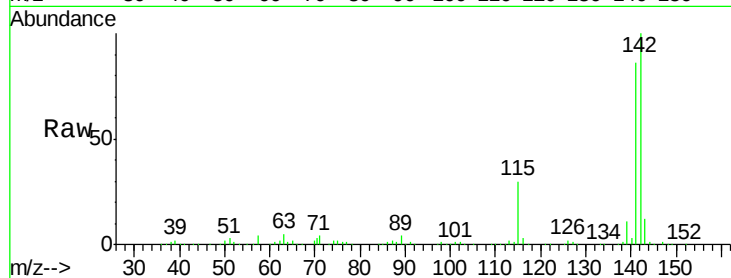
141 85.8 68.3 102.5

115 30.2 23.8 35.8

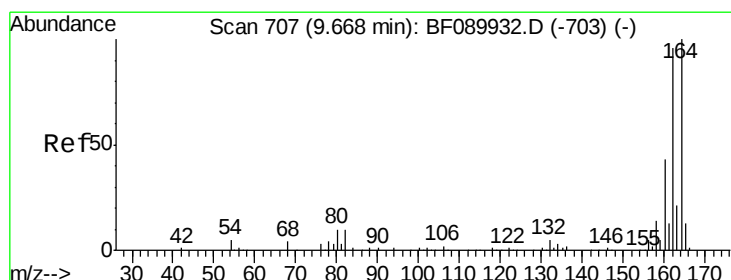
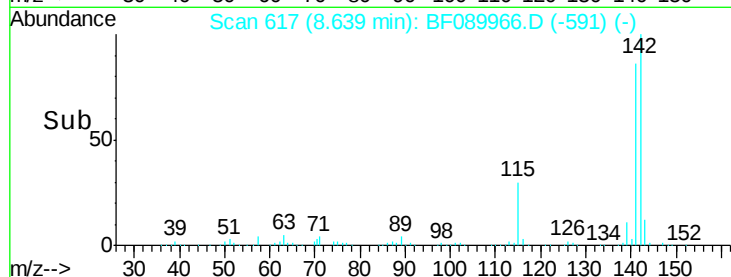
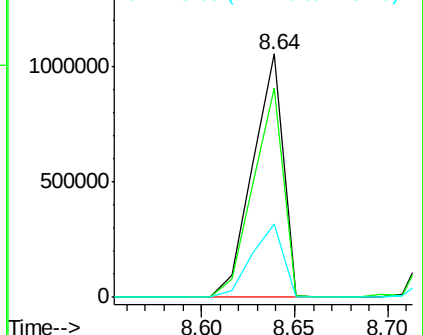
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

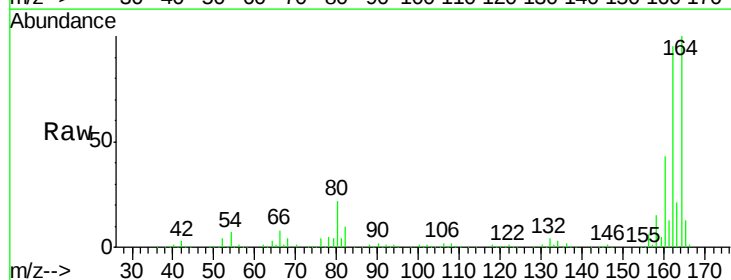
Tgt Ion:164 Resp: 355435

Ion Ratio Lower Upper

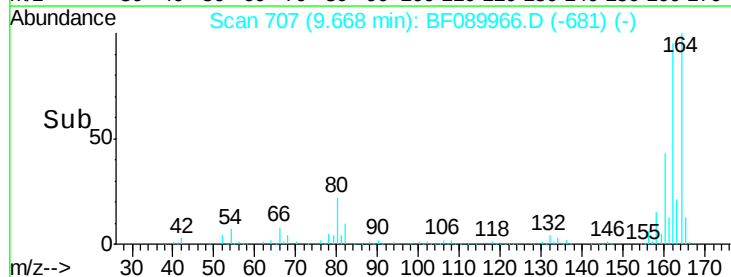
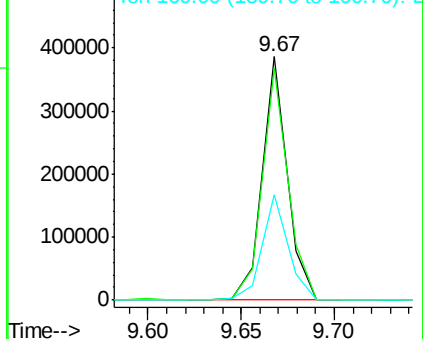
164 100

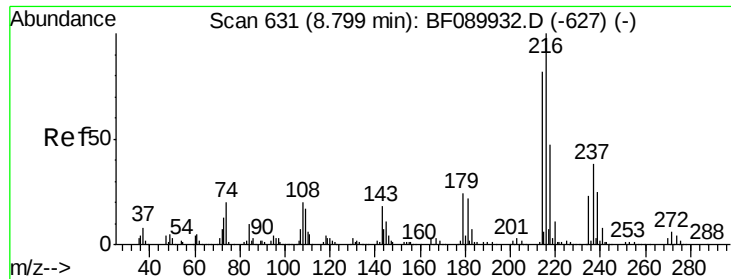
162 95.5 77.1 115.7

160 43.0 35.3 52.9



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





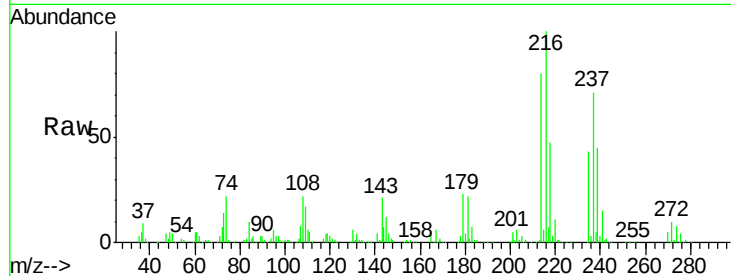
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.36 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

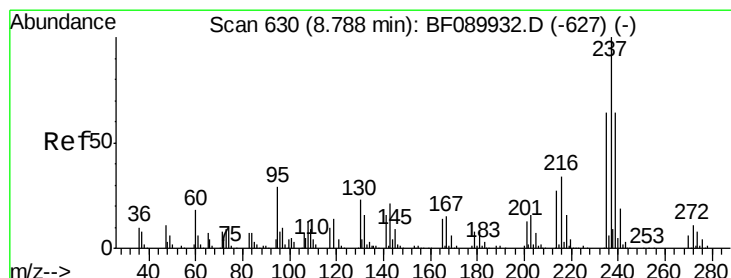
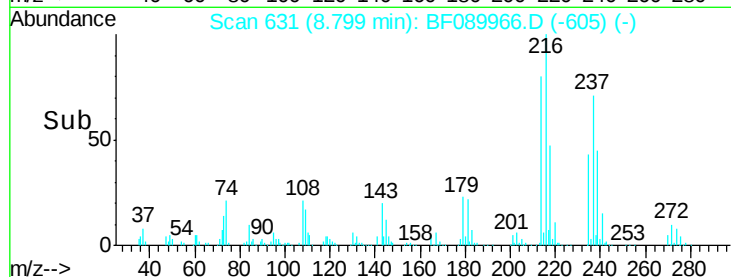
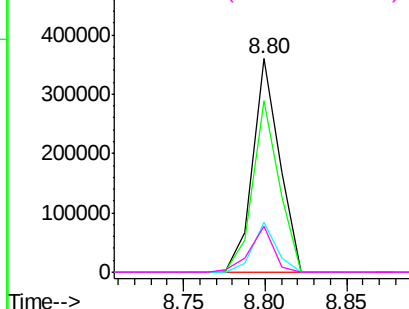
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	409778		
214	78.7	63.4	95.2	
179	20.8	17.3	25.9	
108	19.3	15.5	23.3	

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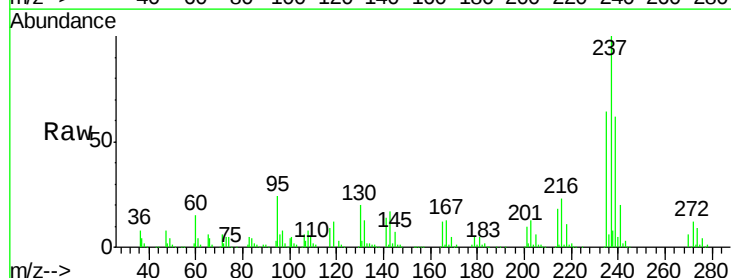


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

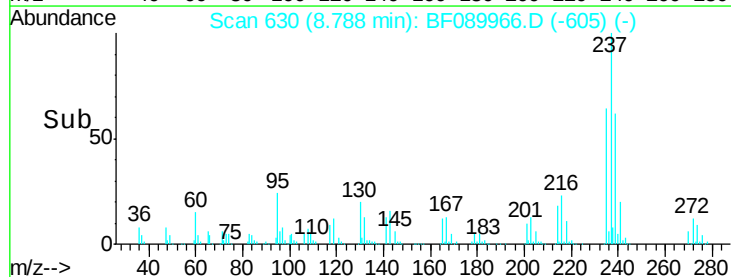
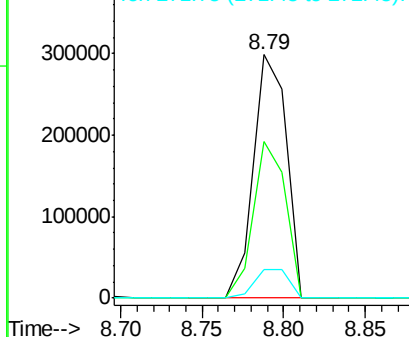


#40
 Hexachlorocyclopentadiene
 Concen: 78.52 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	419204		
235	64.1	39.6	79.6	
272	11.6	0.0	34.6	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





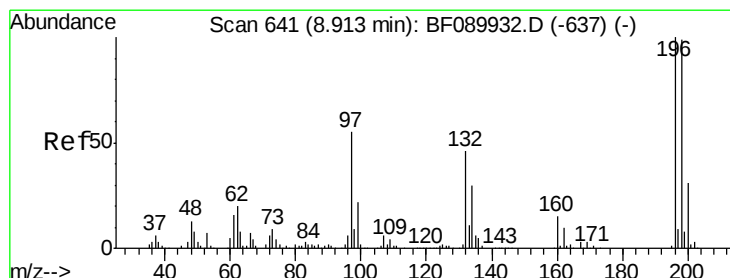
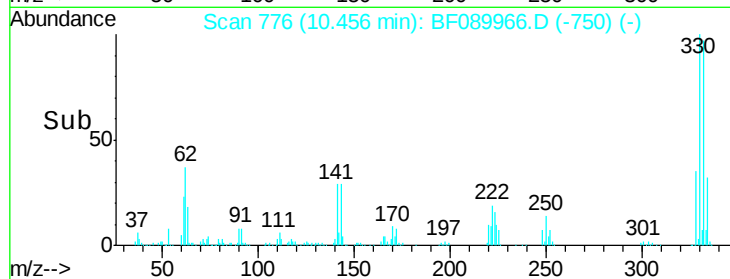
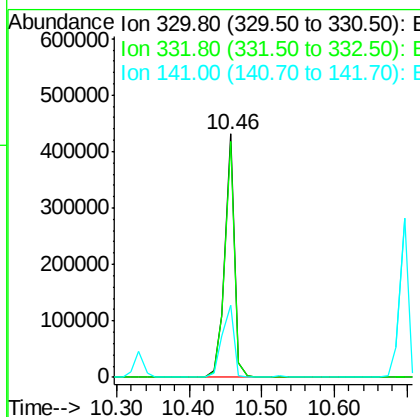
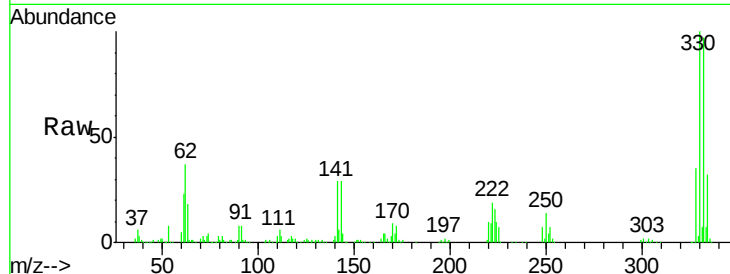
#41
 2,4,6-Tribromophenol
 Concen: 114.79 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	402519		
332	97.4	78.6	117.8	
141	35.9	23.3	34.9#	

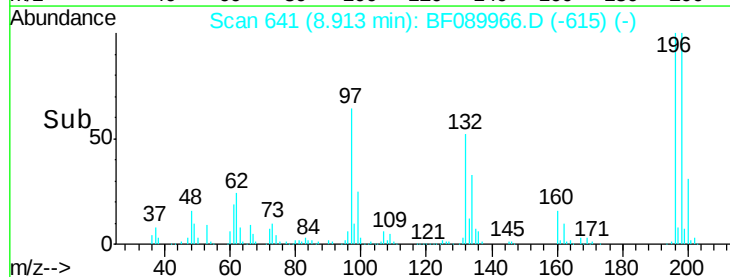
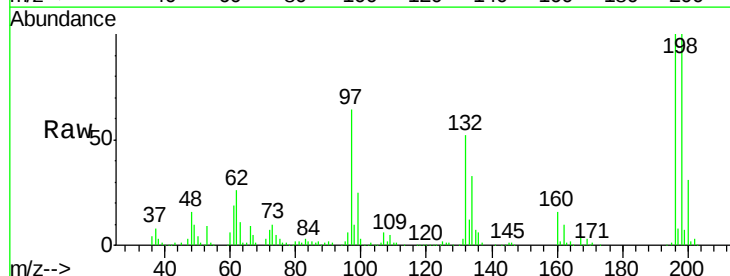
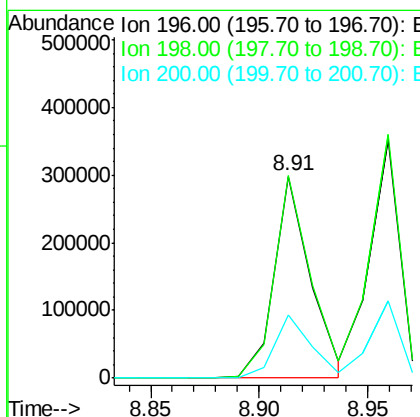
Manual Integrations
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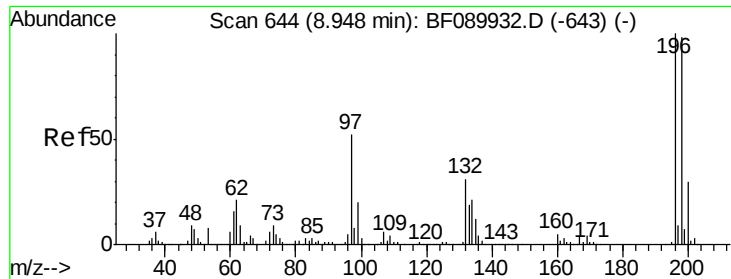
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#42
 2,4,6-Trichlorophenol
 Concen: 48.67 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	351222		
198	100.1	78.3	117.5	
200	31.3	24.8	37.2	





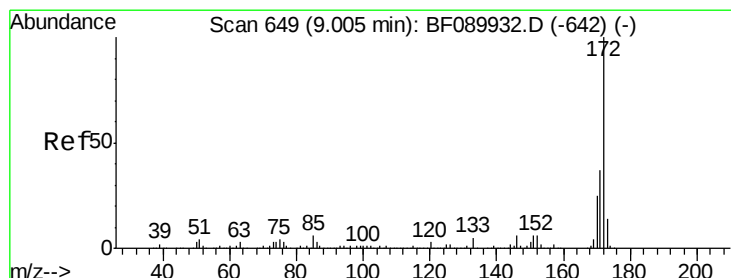
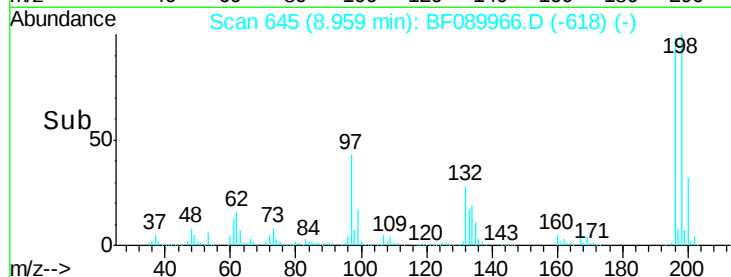
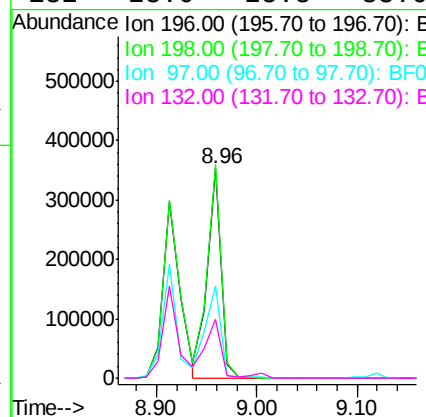
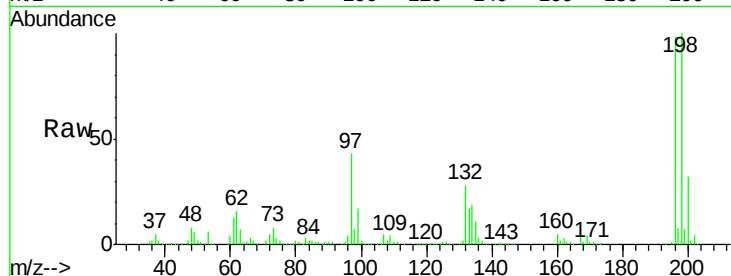
#43
 2,4,5-Trichlorophenol
 Concen: 48.98 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339884		
198	101.9	80.8	121.2	
97	44.1	44.2	66.4	
132	28.0	25.8	38.6	

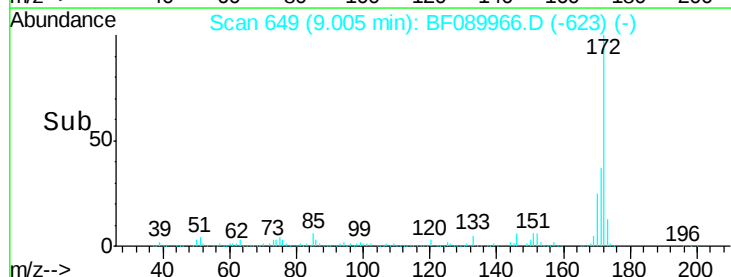
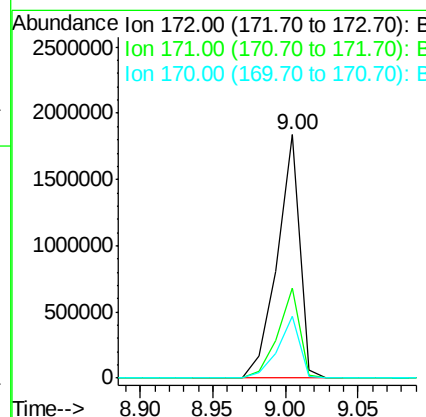
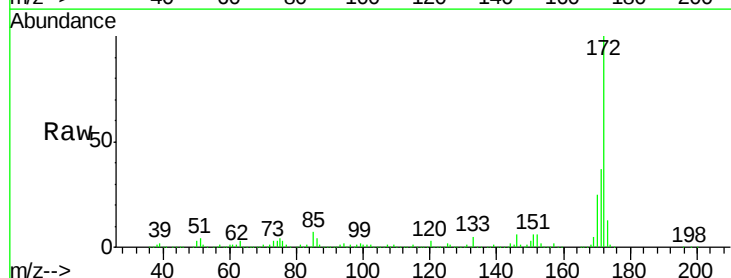
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#44
 2-Fluorobiphenyl
 Concen: 90.86 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1967411		
171	37.0	29.4	44.2	
170	25.2	20.1	30.1	





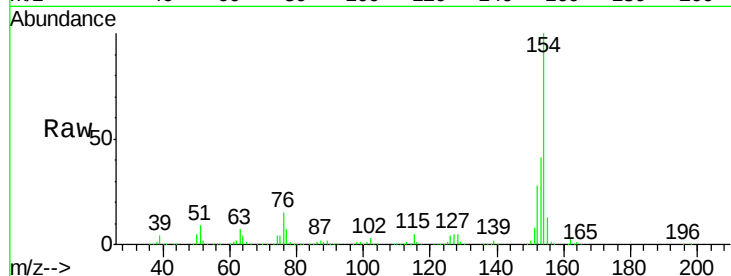
#45
 1,1'-Biphenyl
 Concen: 39.47 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	14.8	0.0	34.9

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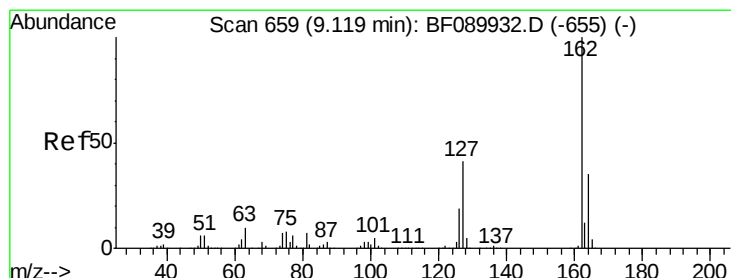
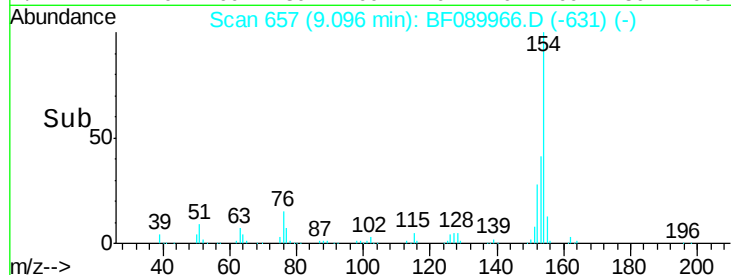
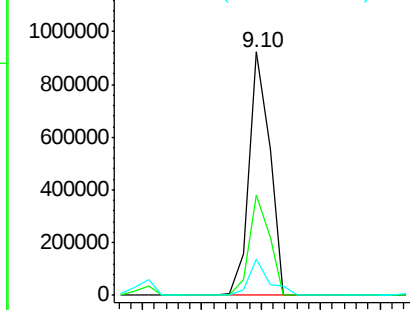


Abundance

Ion 154.00 (153.70 to 154.70): E

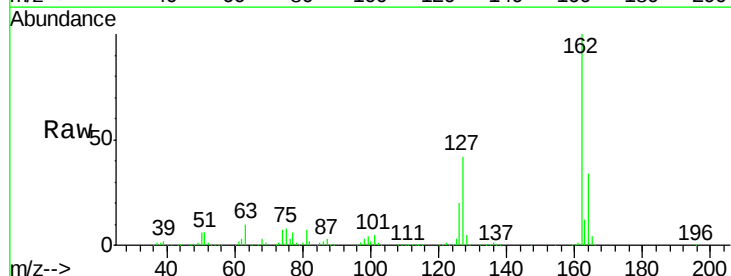
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 46.65 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.5	50.3
164	34.3	28.2	42.4

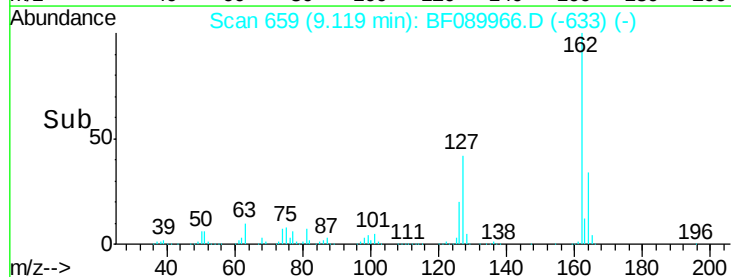
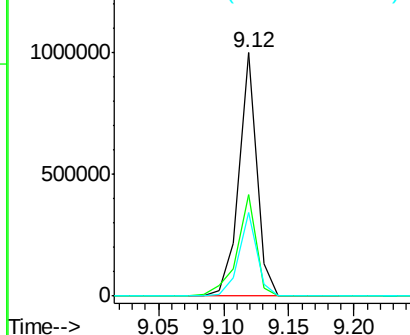


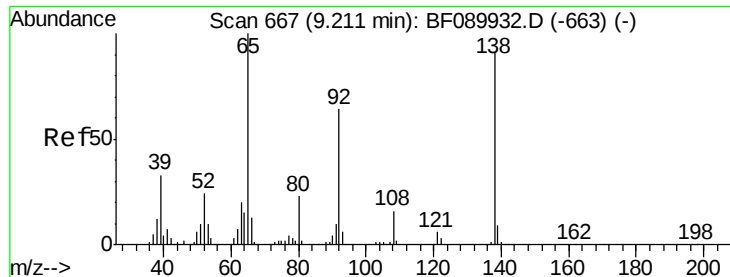
Abundance

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: 54.89 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion: 65 Resp: 363275

Ion Ratio Lower Upper

65 100

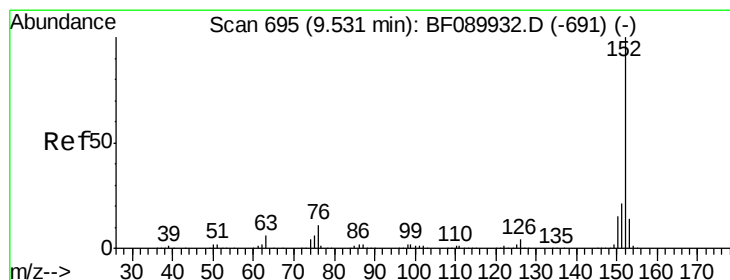
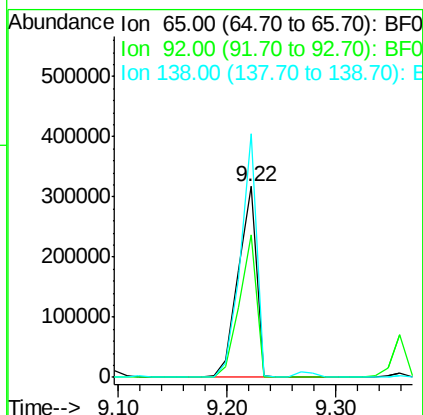
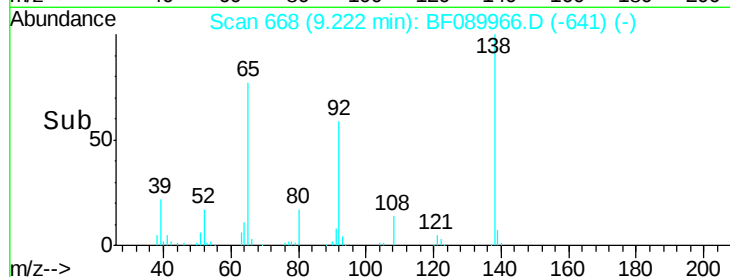
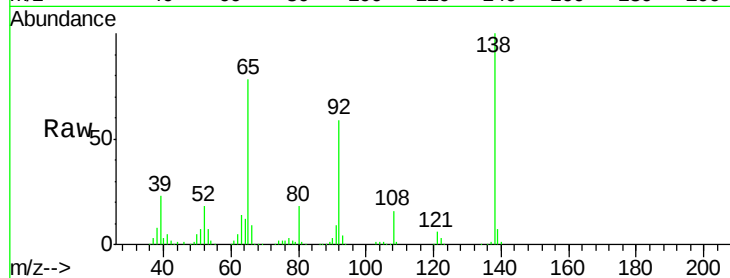
92 74.9 52.0 78.0

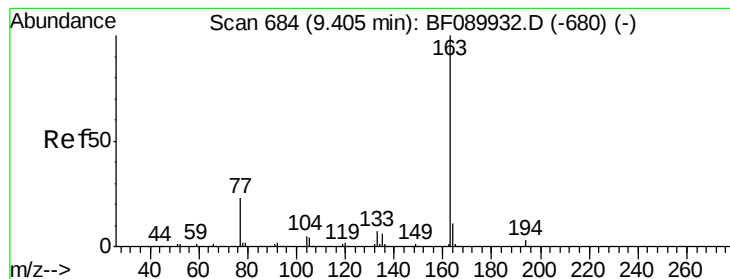
138 127.7 72.1 108.1#

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#49

Dimethylphthalate

Concen: 48.64 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:163 Resp: 1249562

Ion Ratio Lower Upper

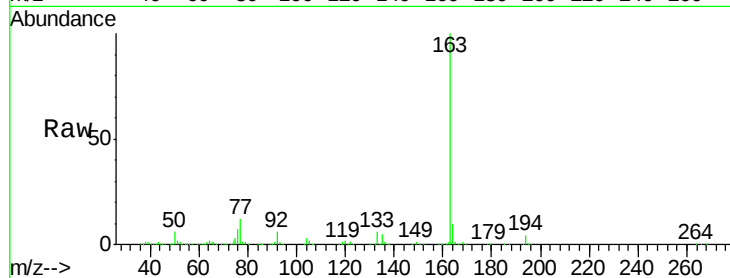
163 100

194 4.2 2.7 4.1#

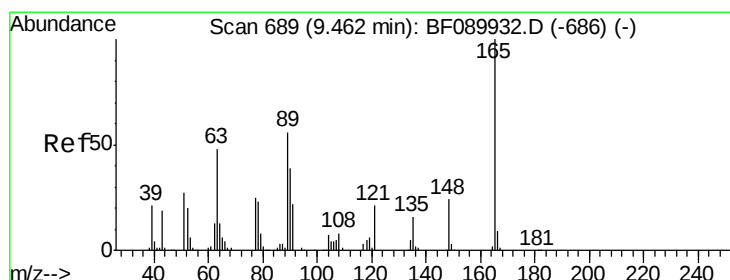
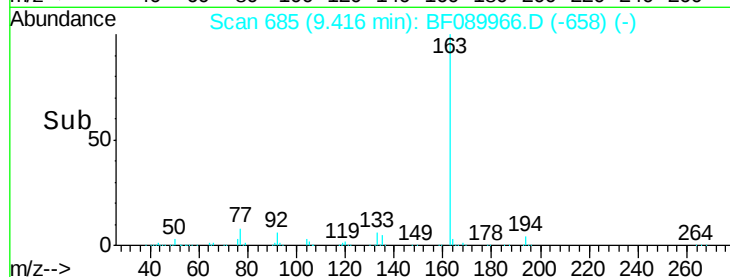
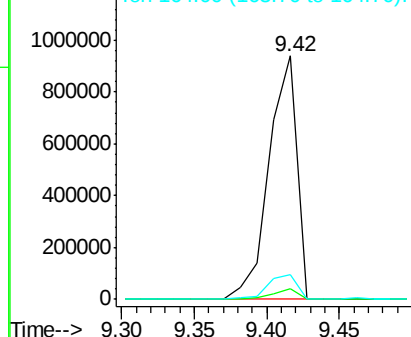
164 10.4 9.0 13.4

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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: 44.98 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

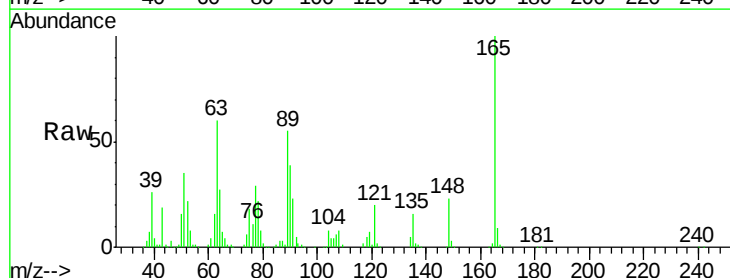
Tgt Ion:165 Resp: 256975

Ion Ratio Lower Upper

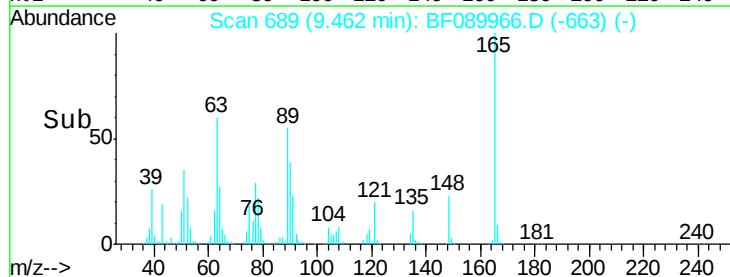
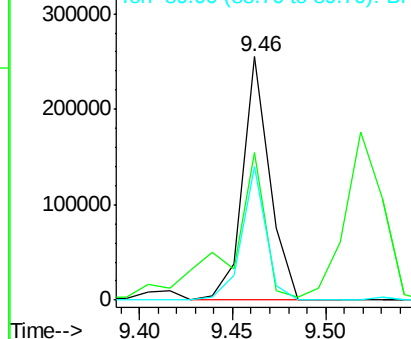
165 100

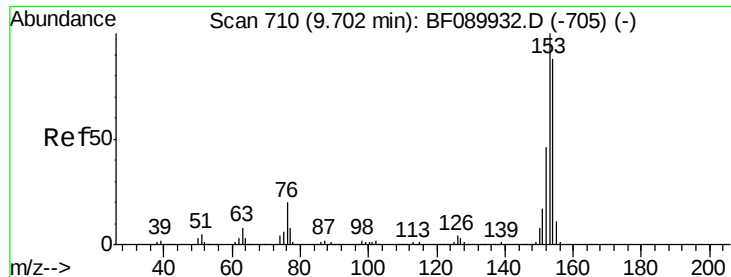
63 60.4 45.0 67.4

89 54.7 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: 47.94 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:154 Resp: 1016602

Ion Ratio Lower Upper

154 100

153 112.9 90.6 135.8

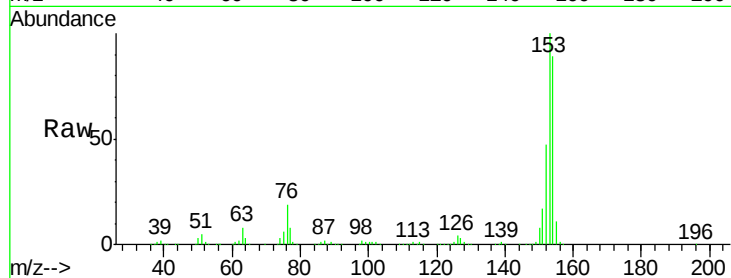
152 52.9 42.4 63.6

Manual Integrations

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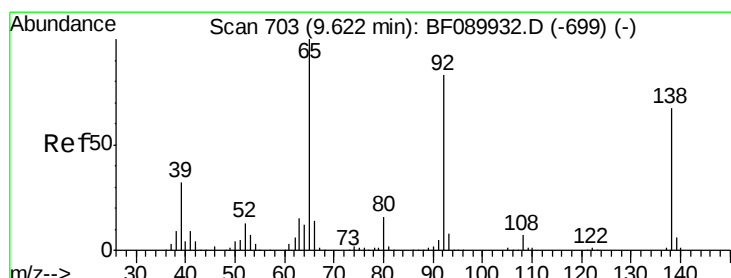
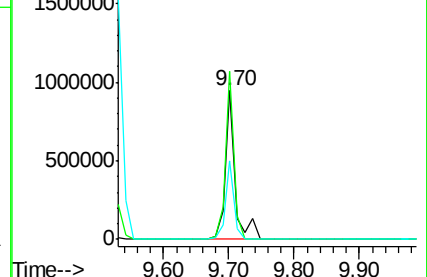
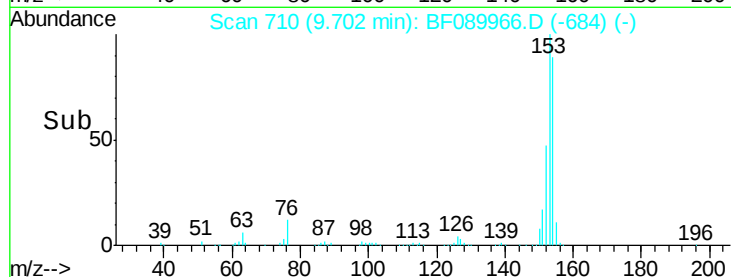
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.06 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

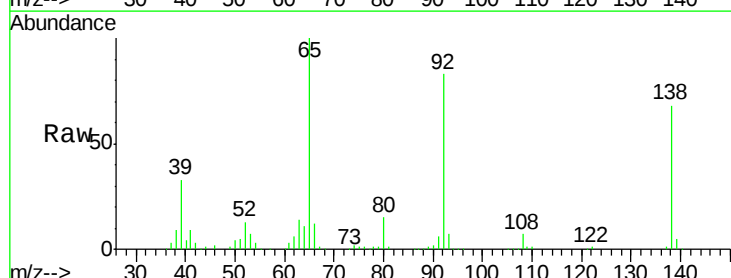
Tgt Ion:138 Resp: 189398

Ion Ratio Lower Upper

138 100

108 10.2 8.3 12.5

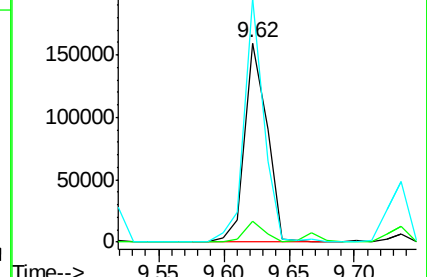
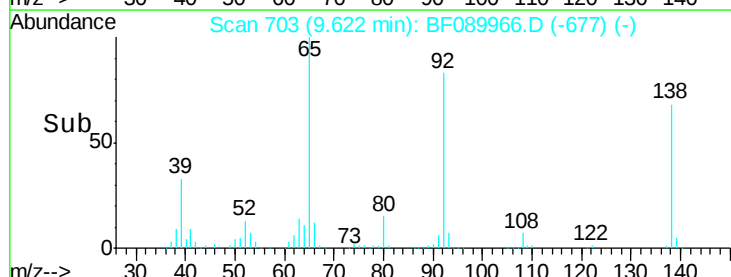
92 122.5 99.1 148.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





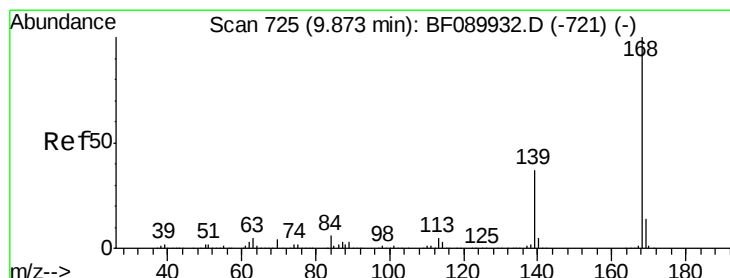
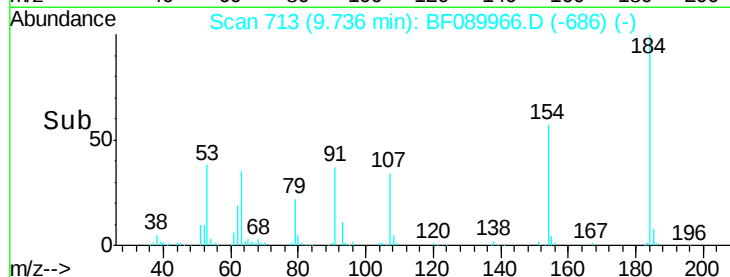
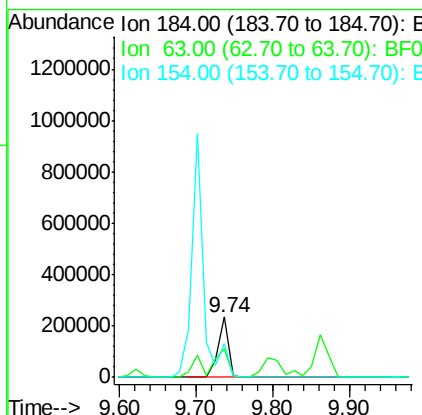
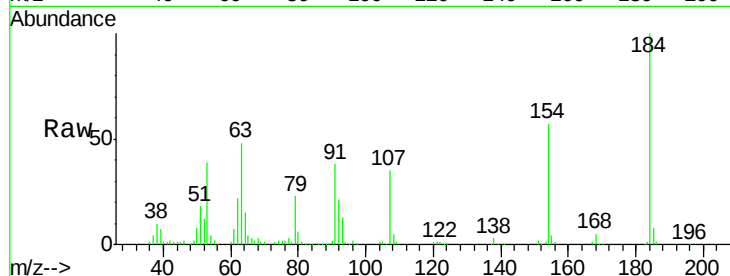
#53
2,4-Dinitrophenol
Concen: 63.17 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	222727		
63	47.8	73.9	110.9#	
154	56.9	53.5	80.3	

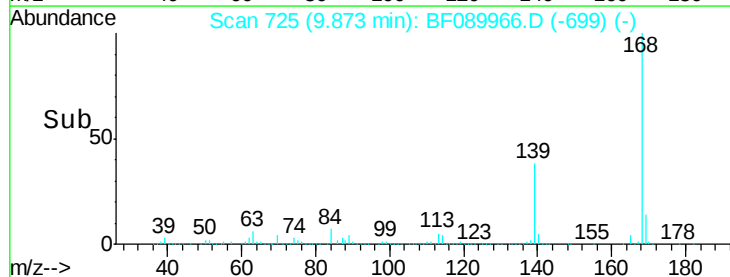
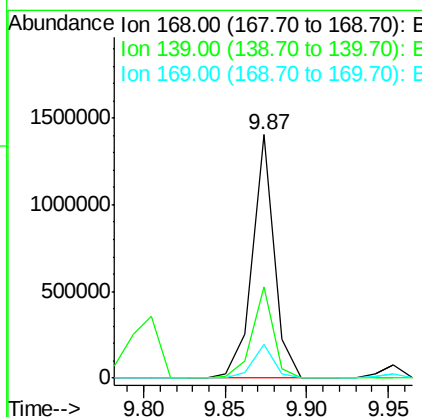
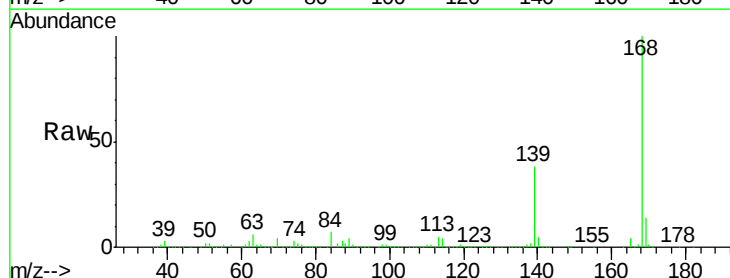
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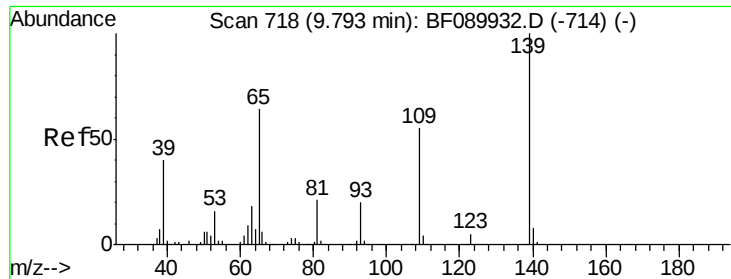
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#54
Dibenzofuran
Concen: 46.00 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1307275		
139	37.7	29.5	44.3	
169	13.7	10.8	16.2	





#55

4-Nitrophenol

Concen: 98.08 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

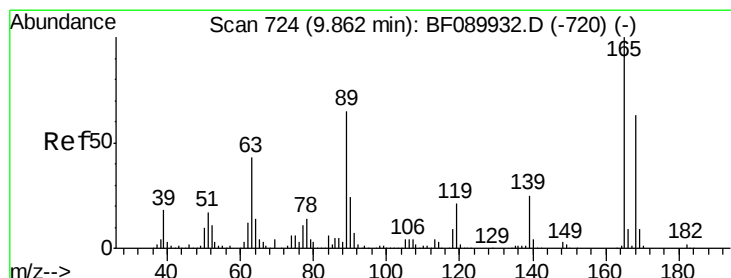
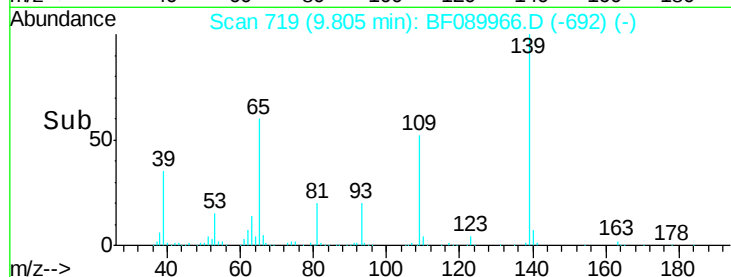
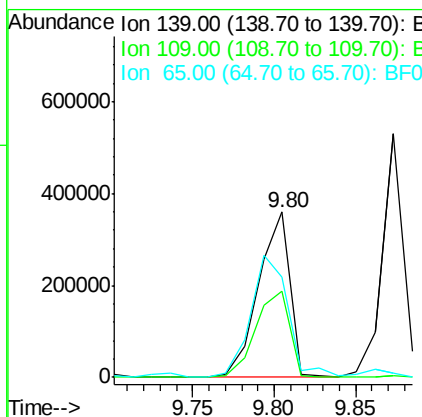
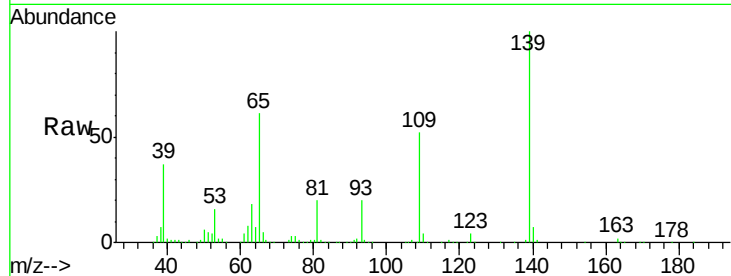
ClientSampleId :

PB93161BSD

Tgt Ion:	139	Resp:	482111
Ion Ratio	Lower	Upper	
139	100		
109	52.3	31.3	71.3
65	60.6	38.5	78.5

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#56

2,4-Dinitrotoluene

Concen: 42.82 ng

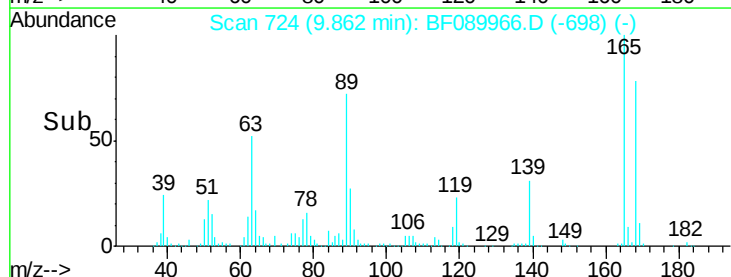
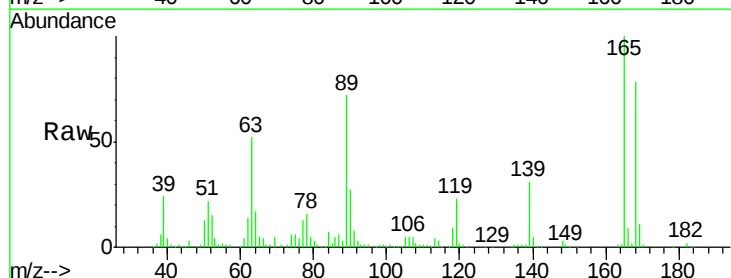
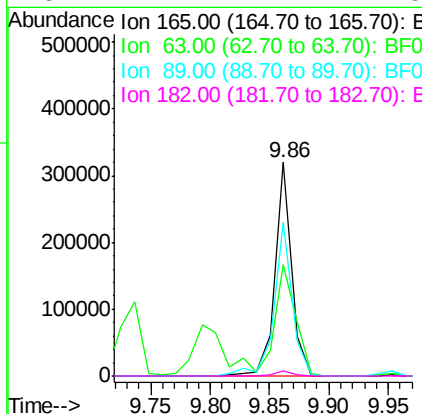
RT: 9.86 min Scan# 724

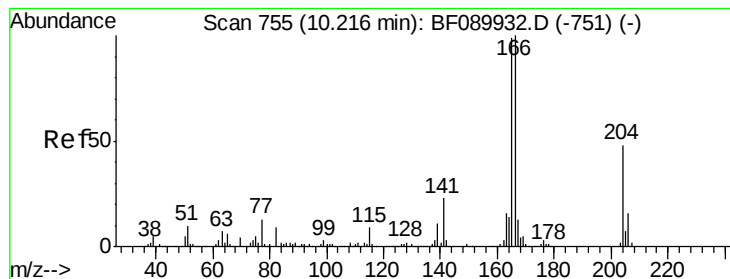
Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:	165	Resp:	310278
Ion Ratio	Lower	Upper	
165	100		
63	52.3	32.5	48.7#
89	71.9	48.3	72.5
182	2.2	1.7	2.5





#57

Fluorene

Concen: 47.64 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:166 Resp: 989333
Ion Ratio Lower Upper

166 100

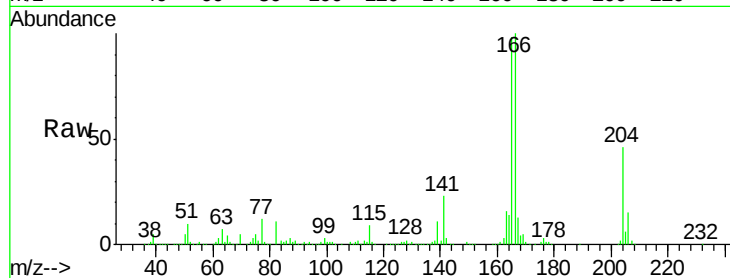
165 98.4 78.6 118.0

167 13.4 10.6 15.8

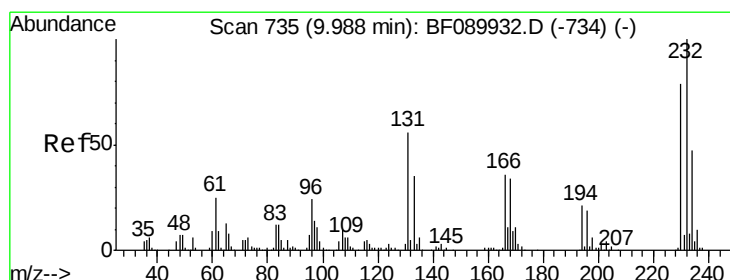
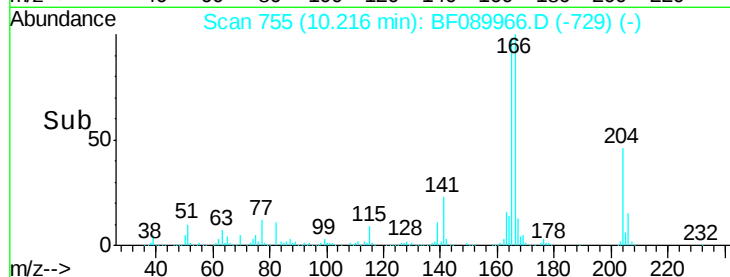
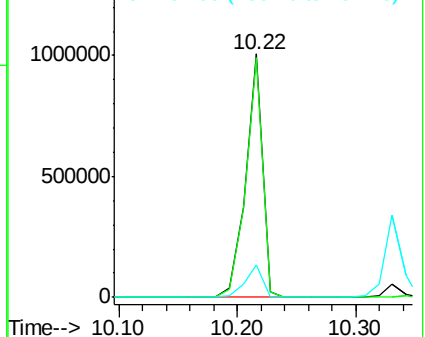
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.94 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:232 Resp: 302621
Ion Ratio Lower Upper

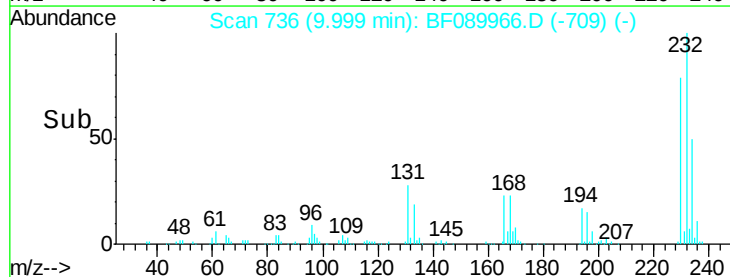
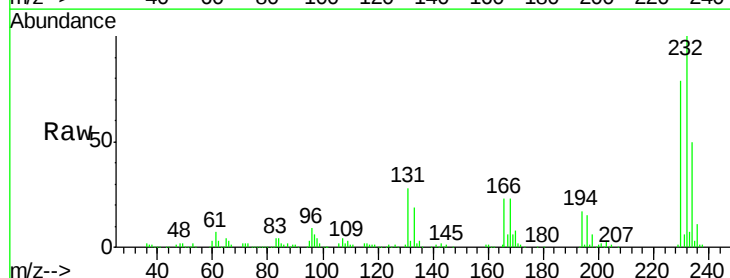
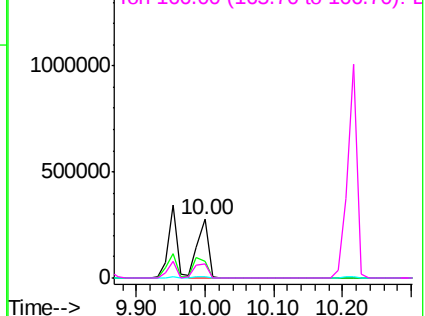
232 100

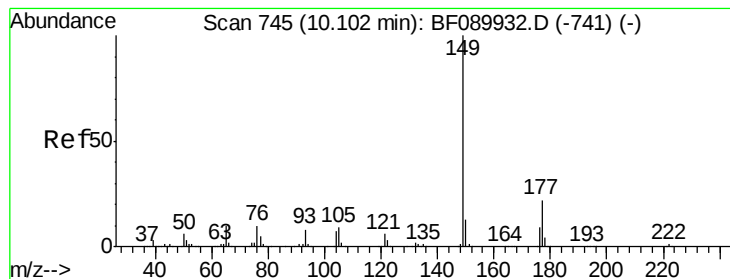
131 41.8 36.3 54.5

130 1.8 1.7 2.5

166 29.7 24.4 36.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.23 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:149 Resp: 1141388

Ion Ratio Lower Upper

149 100

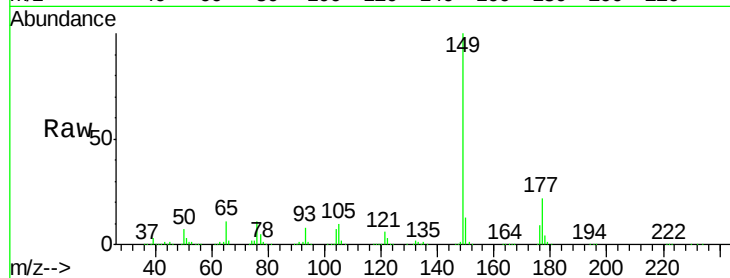
177 21.9 17.7 26.5

150 13.1 10.2 15.2

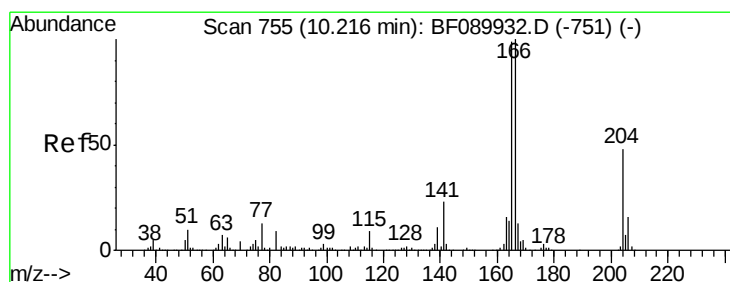
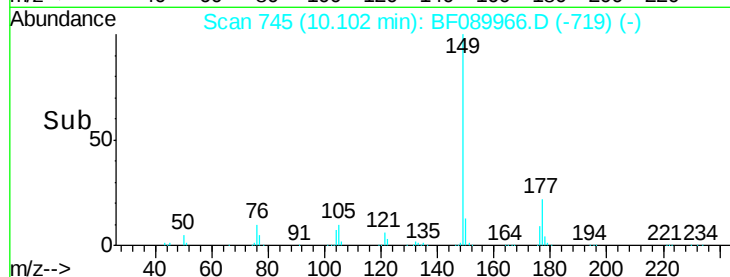
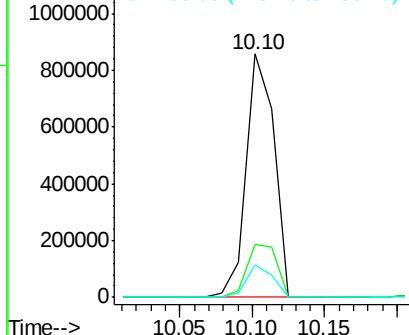
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.12 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

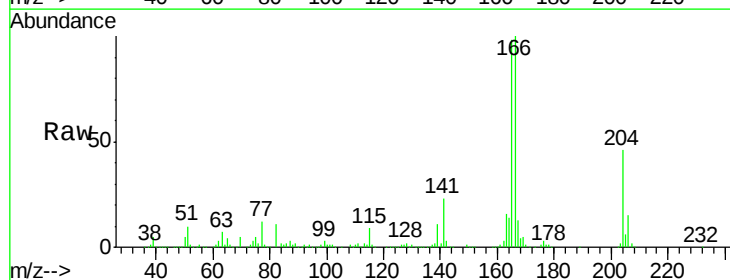
Tgt Ion:204 Resp: 479989

Ion Ratio Lower Upper

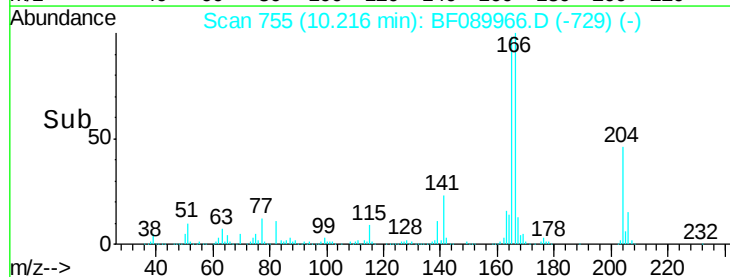
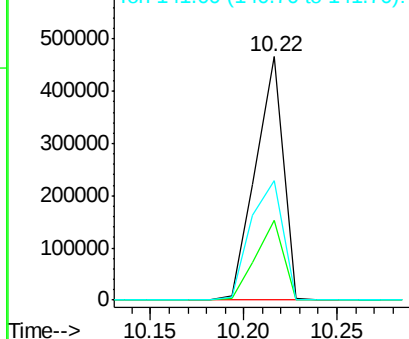
204 100

206 32.9 26.6 40.0

141 49.0 36.5 54.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





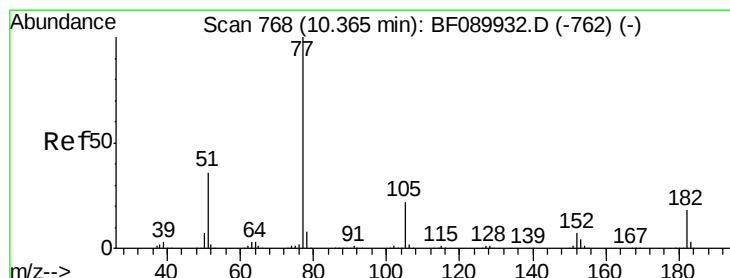
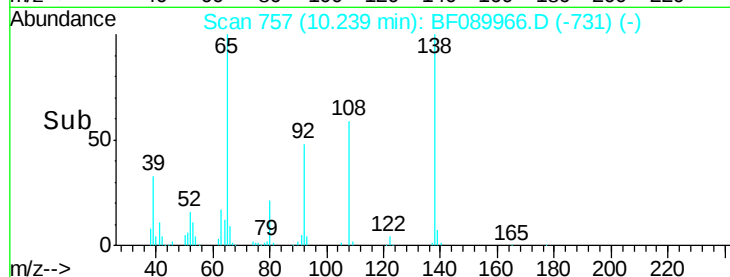
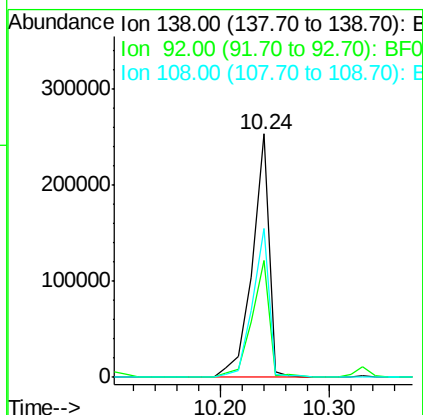
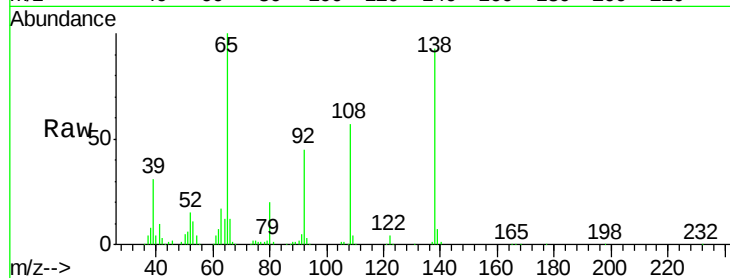
#61
4-Nitroaniline
Concen: 42.84 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	21.2	61.2
108	61.1	37.7	77.7

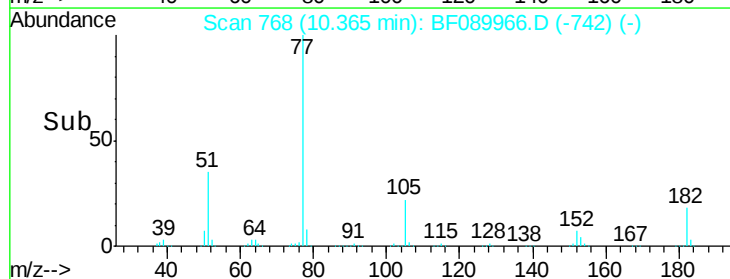
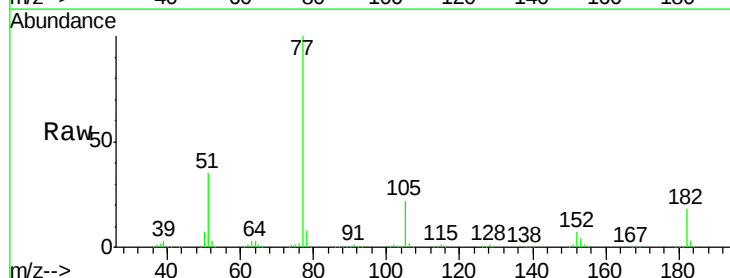
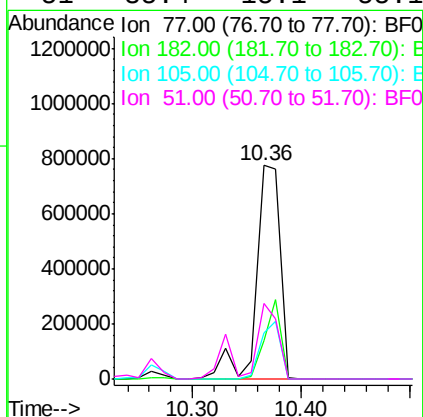
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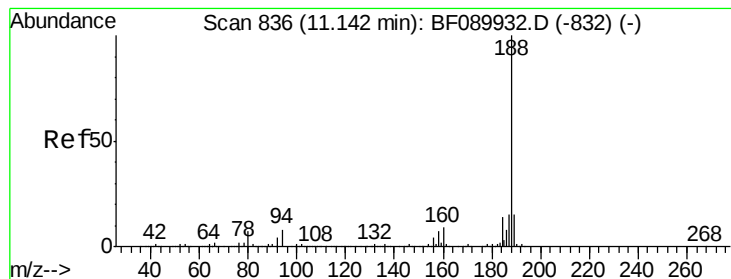
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#62
Azobenzene
Concen: 49.81 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.2	0.0	38.6
105	21.9	2.3	42.3
51	35.4	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: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:188 Resp: 647280
Ion Ratio Lower Upper

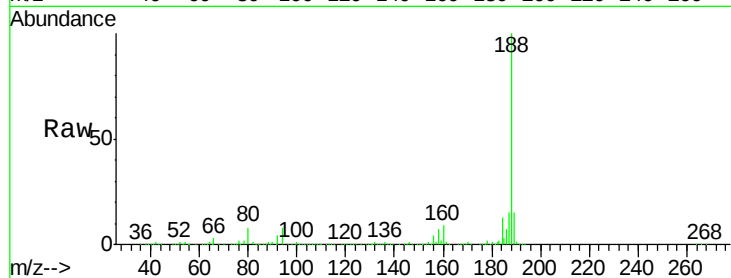
188 100

94 7.7 5.9 8.9

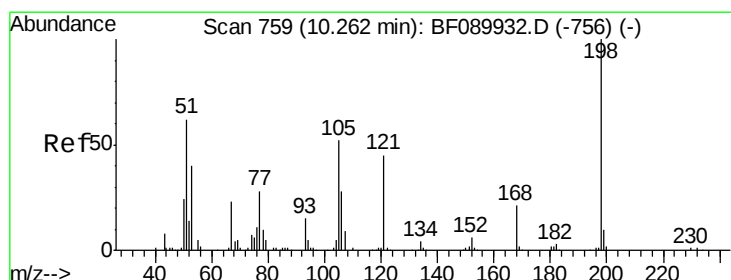
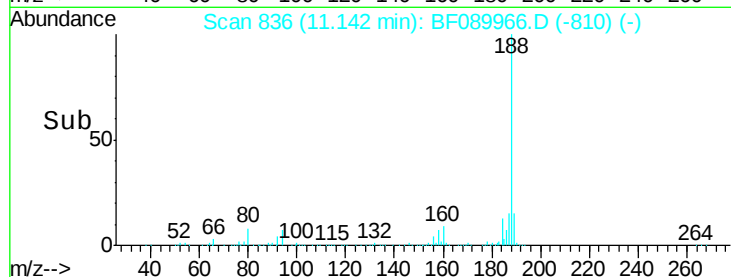
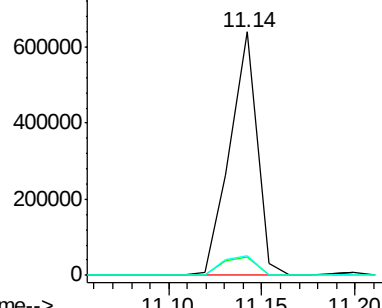
80 8.0 5.8 8.8

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



#64

4,6-Dinitro-2-methylphenol

Concen: 38.53 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089966.D

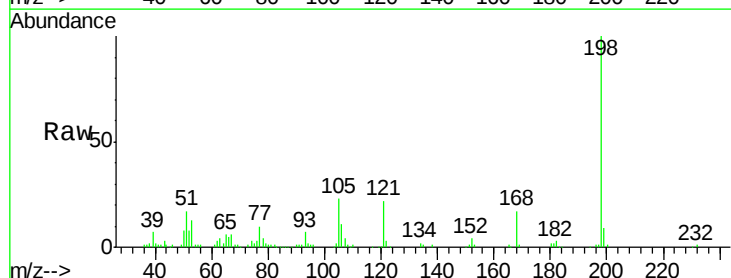
Acq: 1 Sep 2016 12:39

Tgt Ion:198 Resp: 159661
Ion Ratio Lower Upper

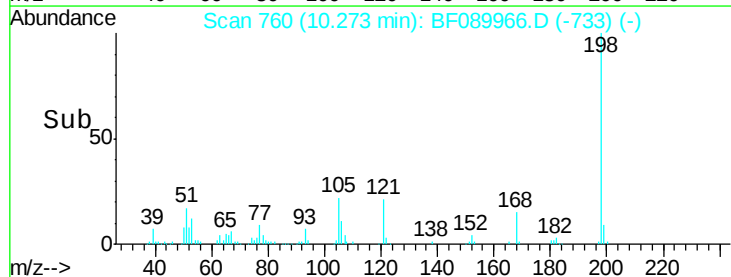
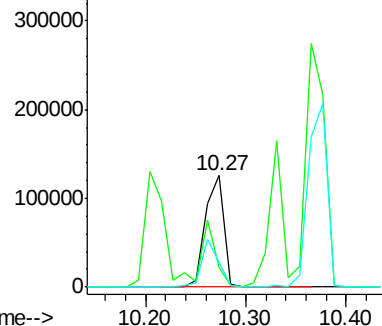
198 100

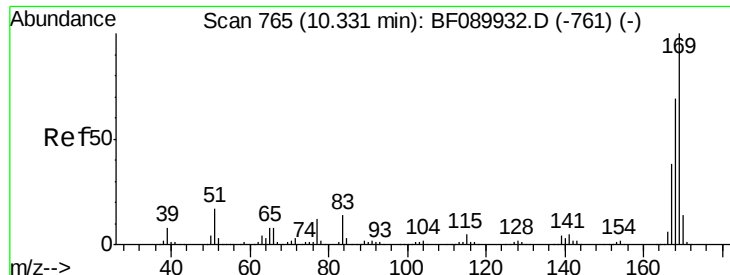
51 17.4 43.0 83.0#

105 22.5 30.3 70.3#



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





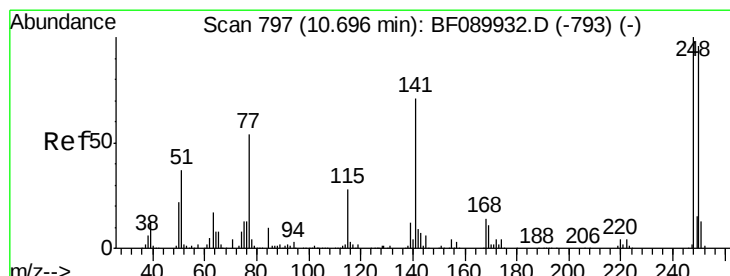
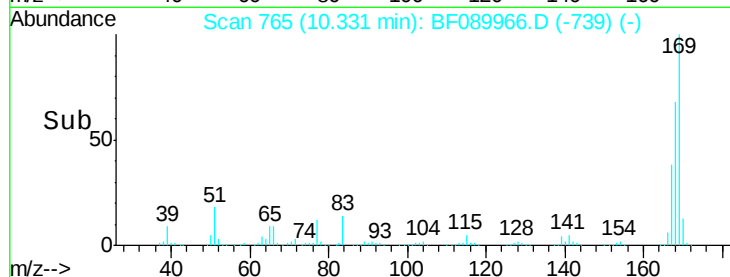
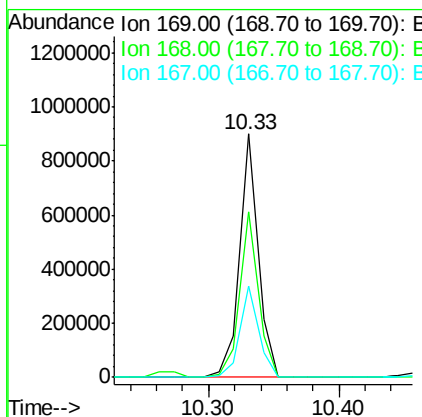
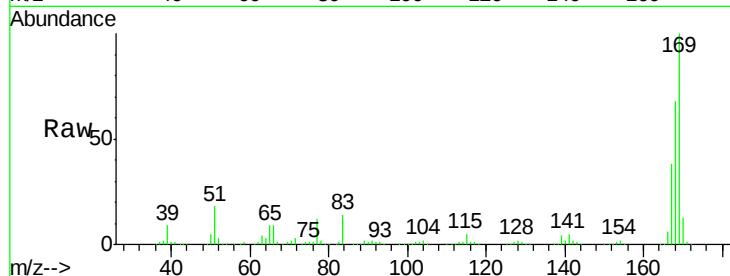
#65
 n-Nitrosodiphenylamine
 Concen: 45.52 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	885796		
168	67.9	55.0	82.4	
167	37.6	30.5	45.7	

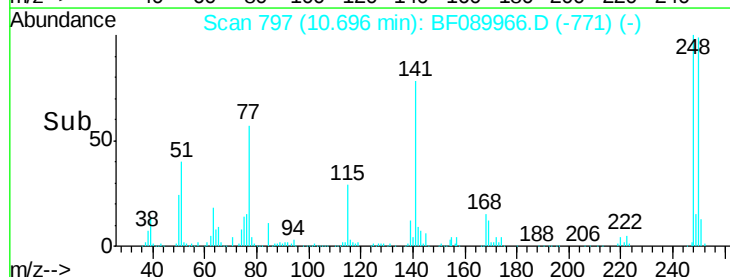
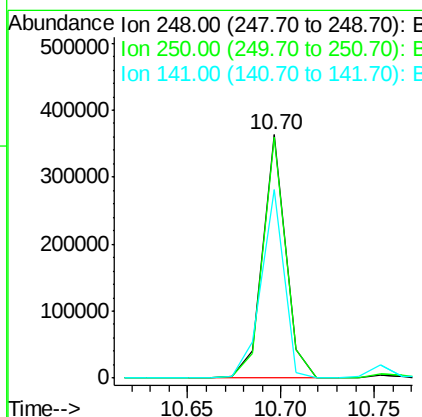
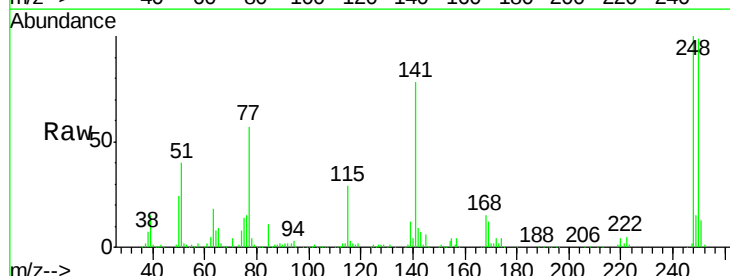
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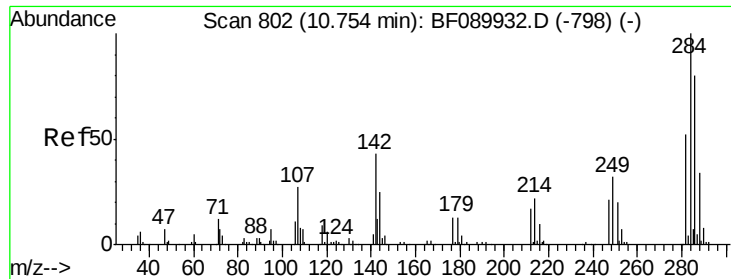
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#66
 4-Bromophenyl-phenylether
 Concen: 47.35 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	308528		
250	98.8	77.3	115.9	
141	77.7	55.8	83.8	





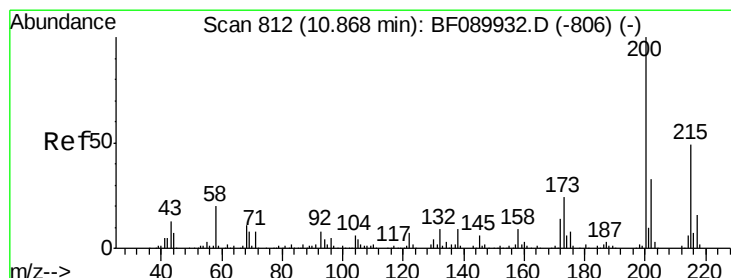
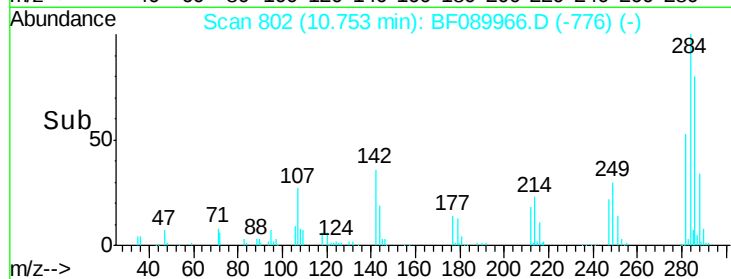
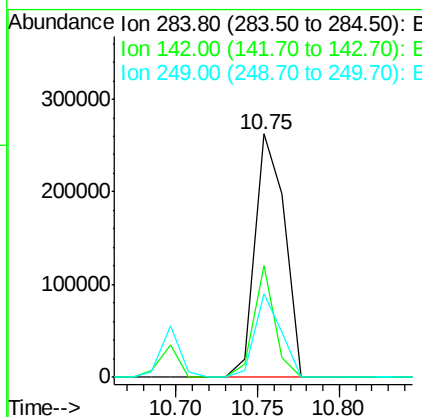
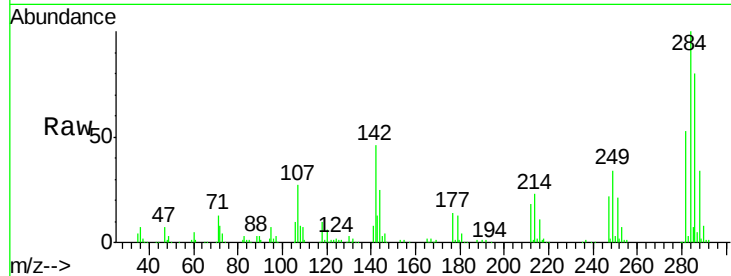
#67
Hexachlorobenzene
Concen: 44.26 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	329463		
142	45.9	32.7	49.1	
249	34.3	26.9	40.3	

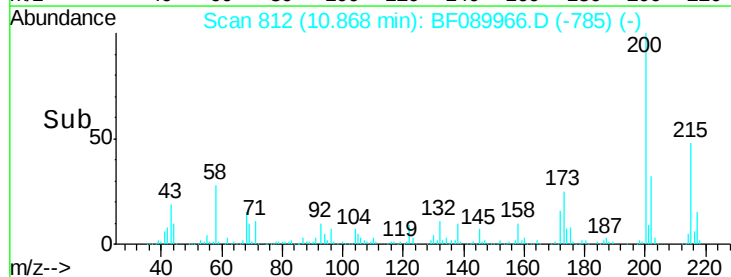
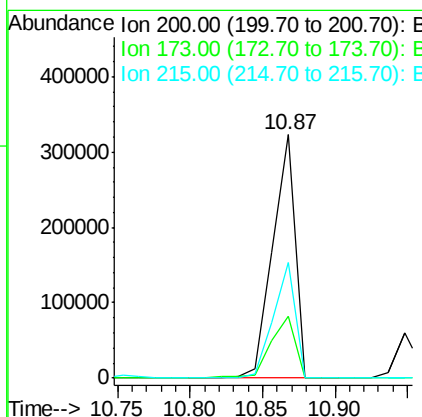
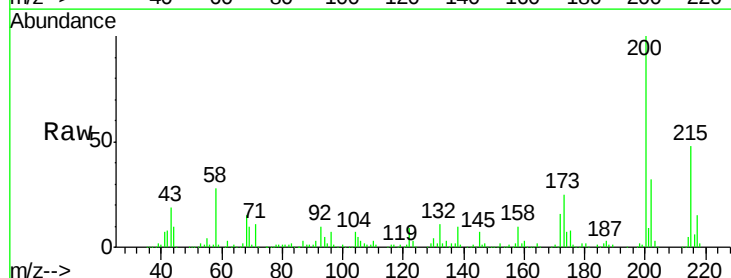
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#68
Atrazine
Concen: 53.60 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	348221		
173	25.3	9.4	49.4	
215	47.6	24.5	64.5	





#69

Pentachlorophenol

Concen: 82.34 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

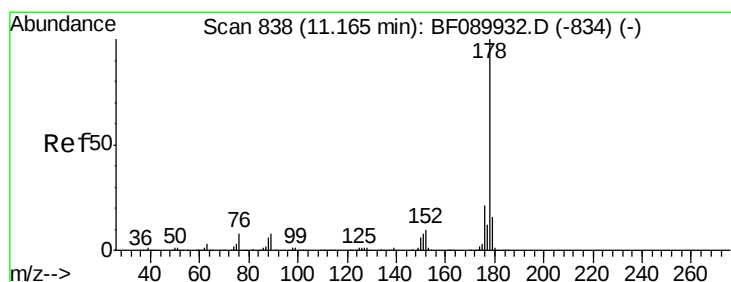
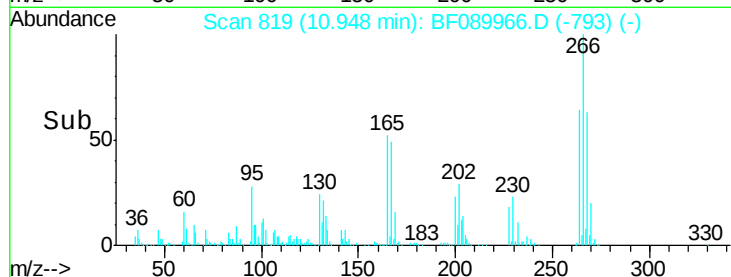
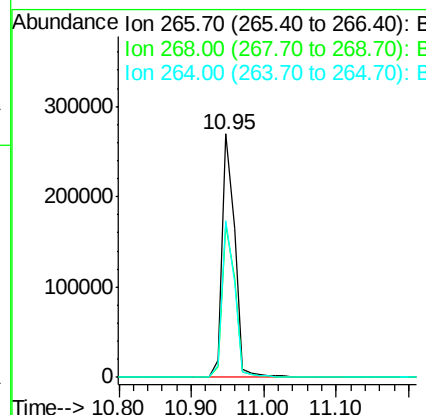
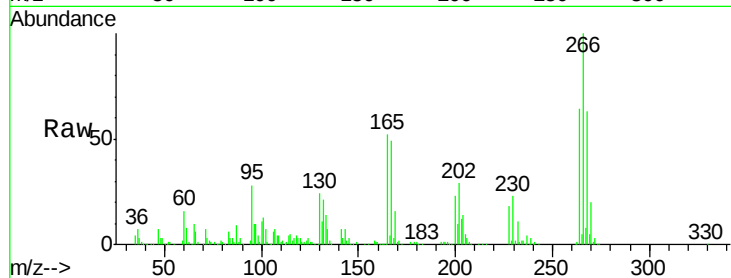
ClientSampleId :

PB93161BSD

Tgt Ion:	266	Resp:	329740
Ion Ratio	Lower	Upper	
266	100		
268	62.7	51.0	76.6
264	64.2	50.6	75.8

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#70

Phenanthrene

Concen: 44.43 ng

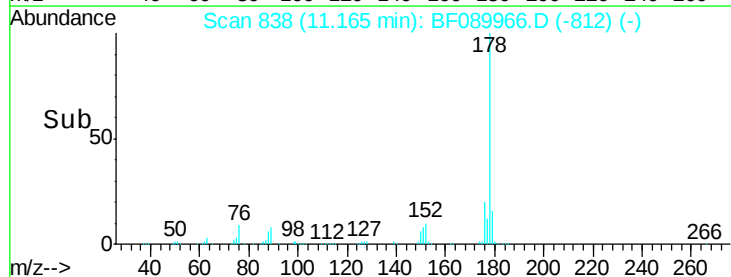
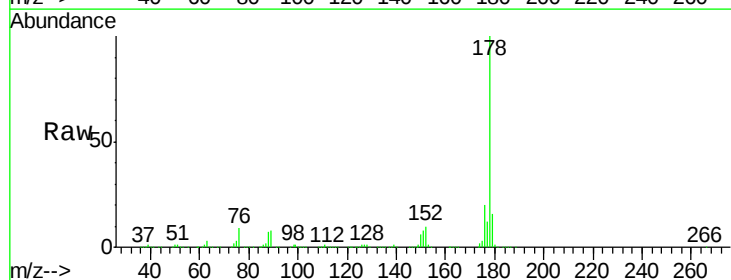
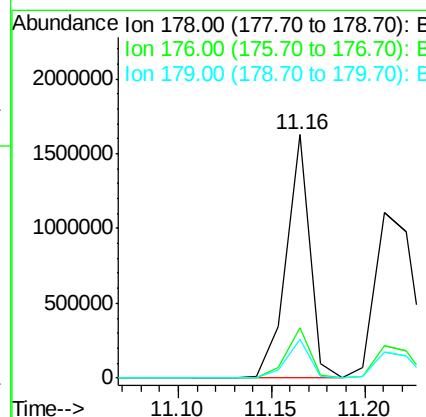
RT: 11.16 min Scan# 838

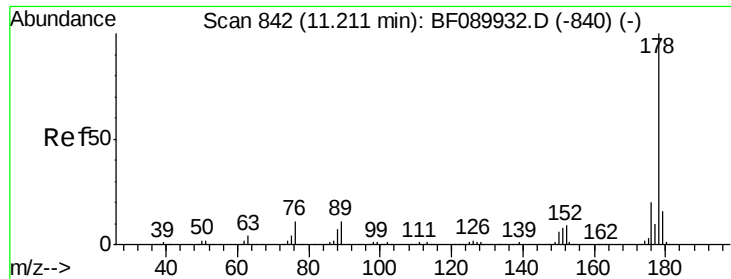
Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:	178	Resp:	1431987
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.5	24.7
179	16.0	12.8	19.2





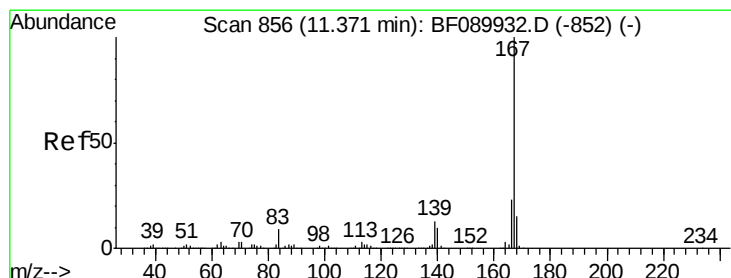
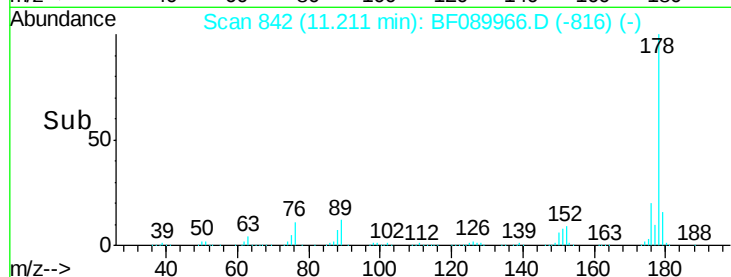
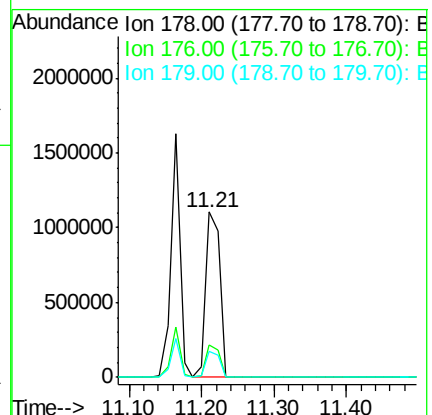
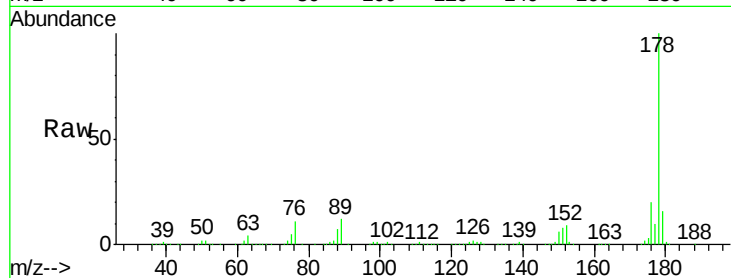
#71
 Anthracene
 Concen: 45.55 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion:178 Resp: 1489171
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.1 13.0 19.4

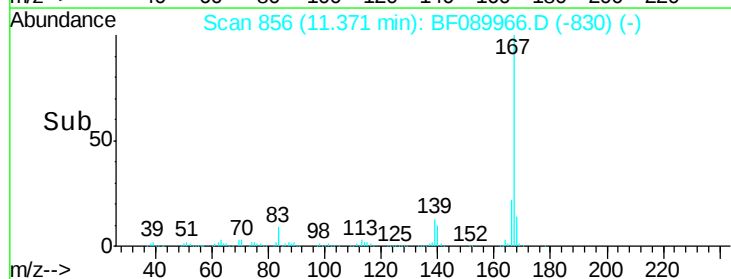
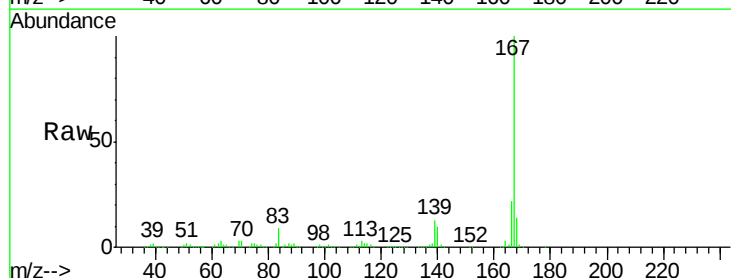
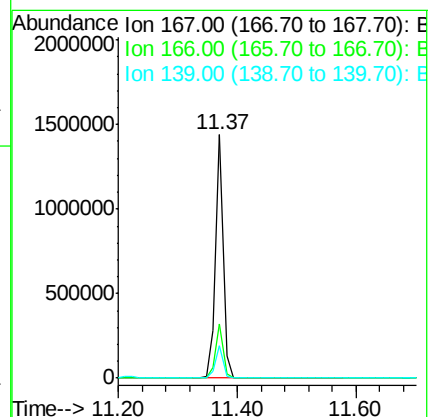
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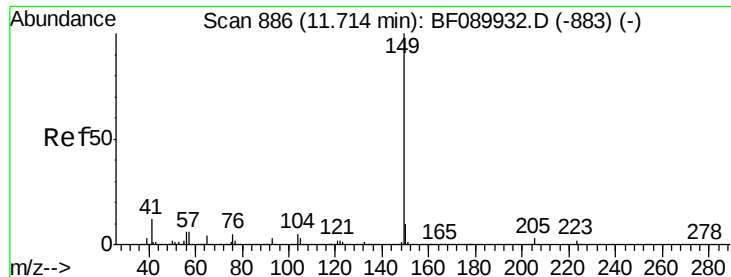
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#72
 Carbazole
 Concen: 42.02 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:167 Resp: 1288008
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.3 10.4 15.6





#73

Di-n-butylphthalate

Concen: 48.54 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:149 Resp: 1734368

Ion Ratio Lower Upper

149 100

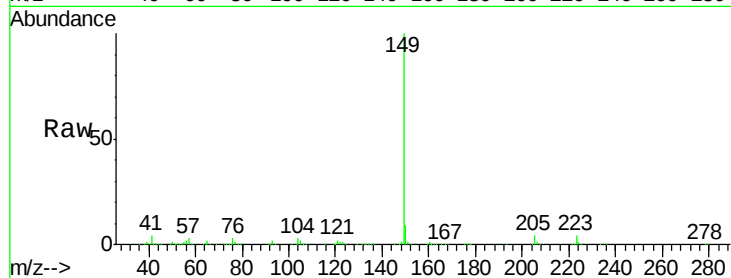
150 8.9 7.8 11.8

104 3.2 3.9 5.9#

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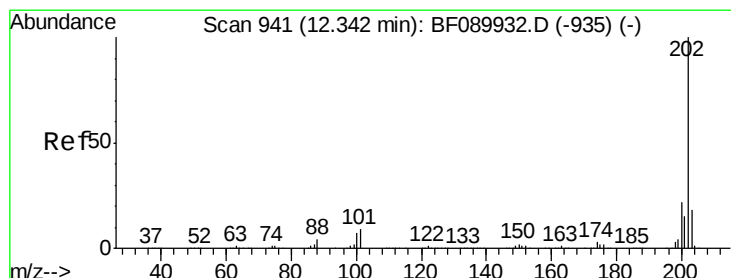
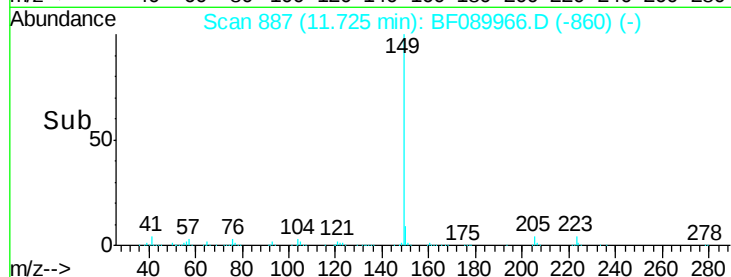
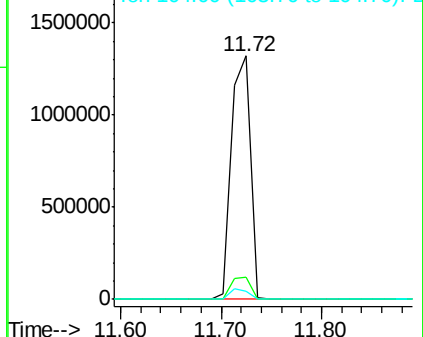
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.88 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

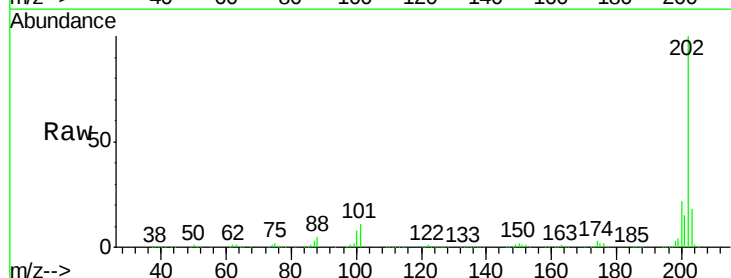
Tgt Ion:202 Resp: 1448323

Ion Ratio Lower Upper

202 100

101 10.7 0.0 28.5

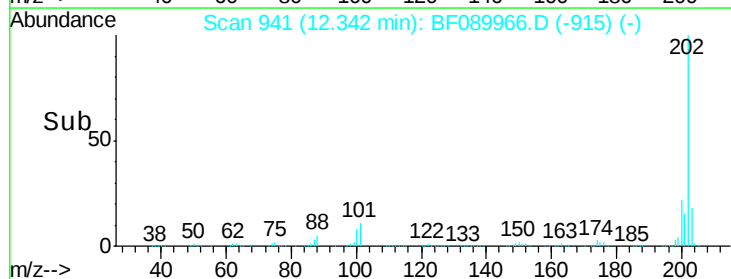
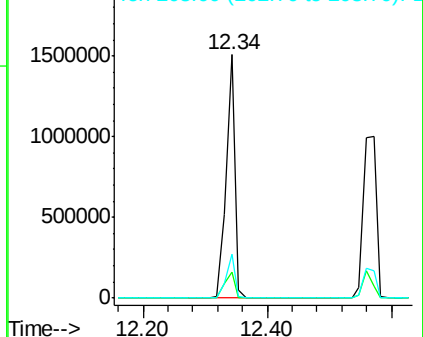
203 18.0 0.0 38.0

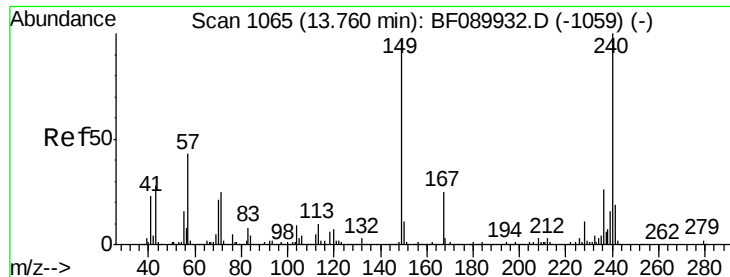


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:240 Resp: 461496

Ion Ratio Lower Upper

240 100

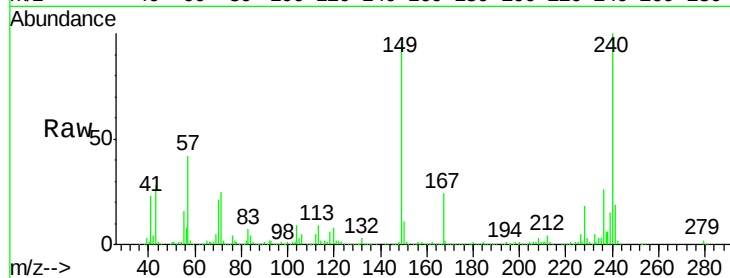
120 7.6 5.7 8.5

236 26.3 21.3 31.9

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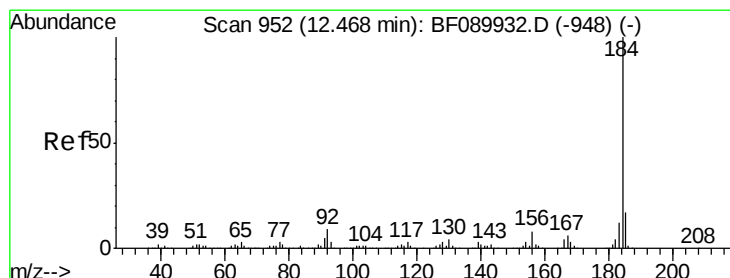
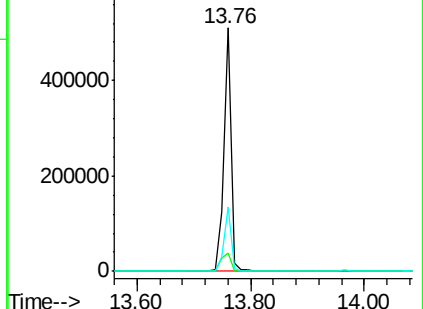
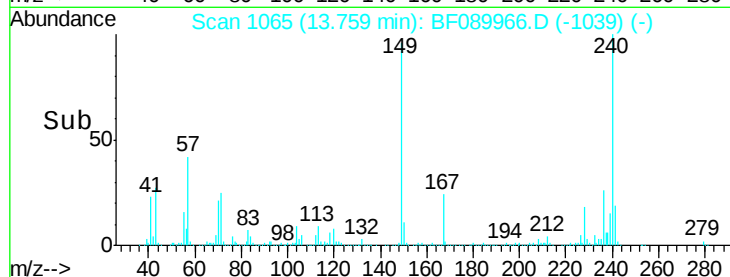
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.05 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

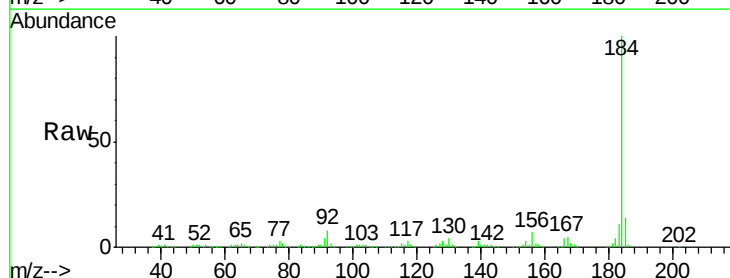
Tgt Ion:184 Resp: 490392

Ion Ratio Lower Upper

184 100

185 14.4 13.8 20.8

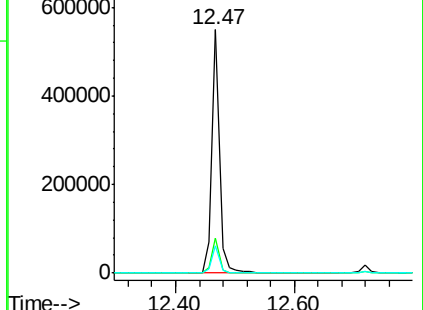
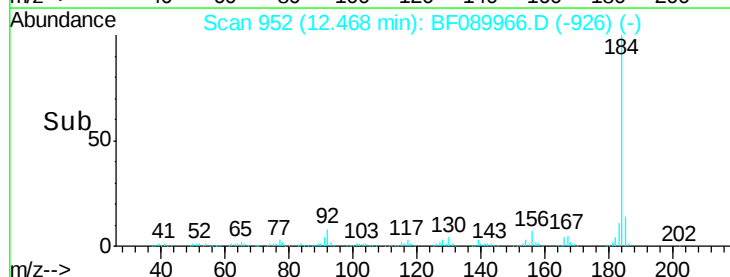
183 11.3 9.6 14.4

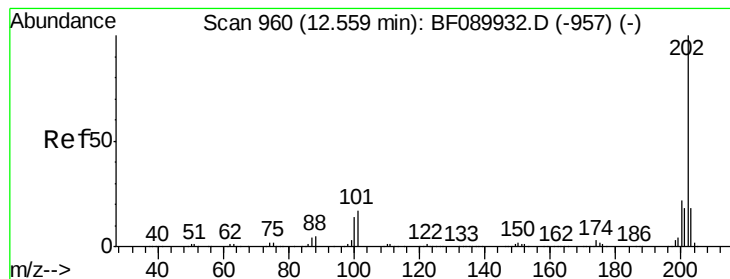


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.07 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:202 Resp: 1433948

Ion Ratio Lower Upper

202 100

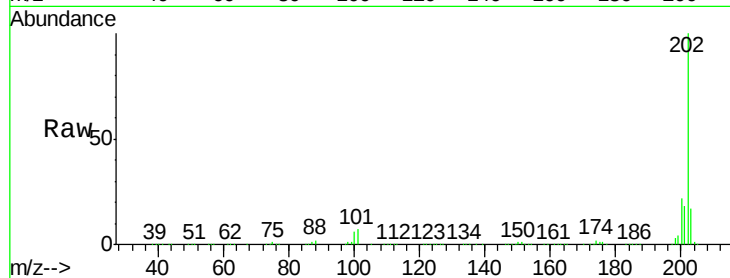
200 21.6 17.6 26.4

203 17.0 14.6 21.8

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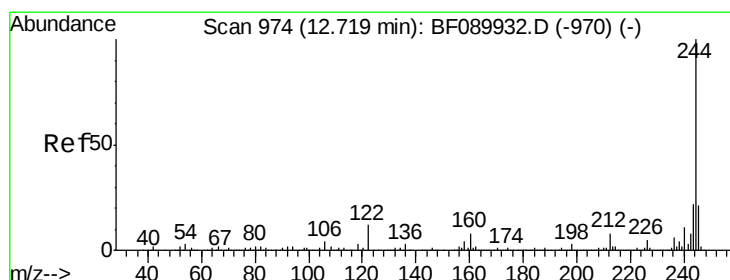
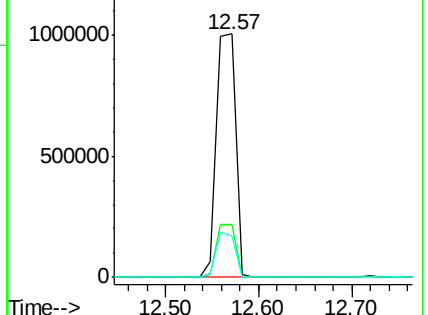
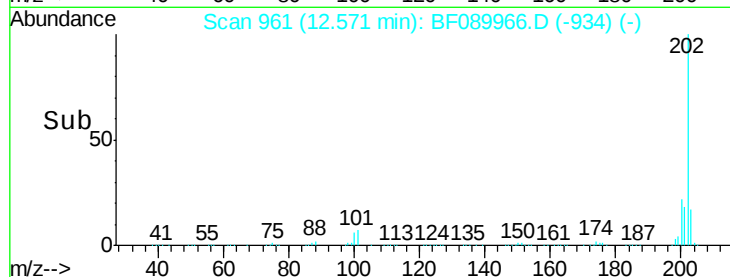
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.45 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

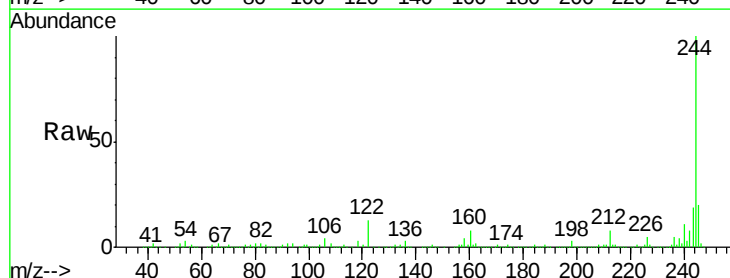
Tgt Ion:244 Resp: 1521727

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

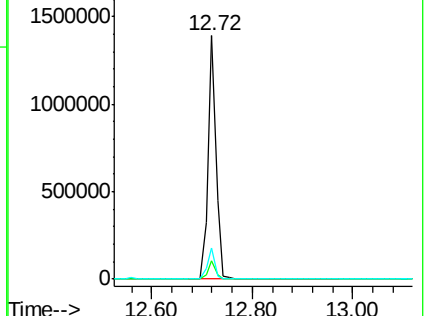
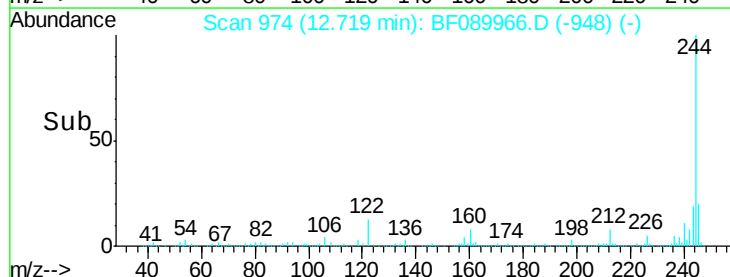
122 12.7 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





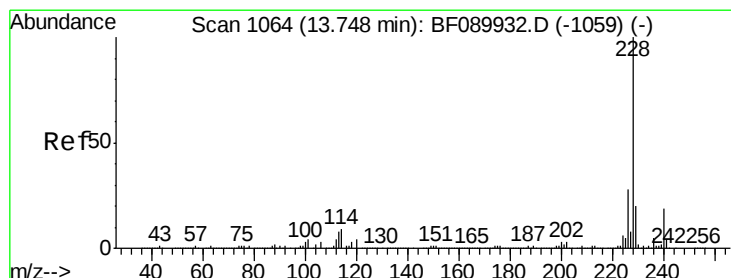
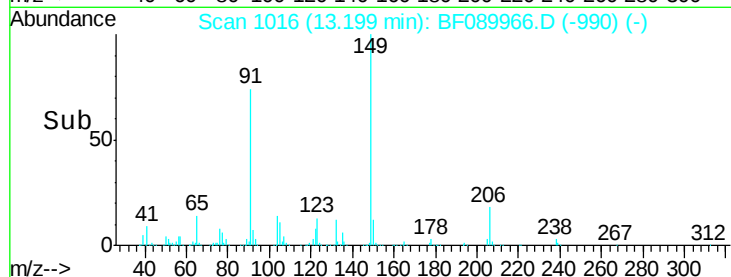
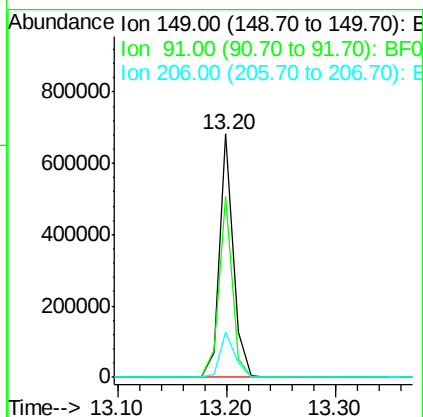
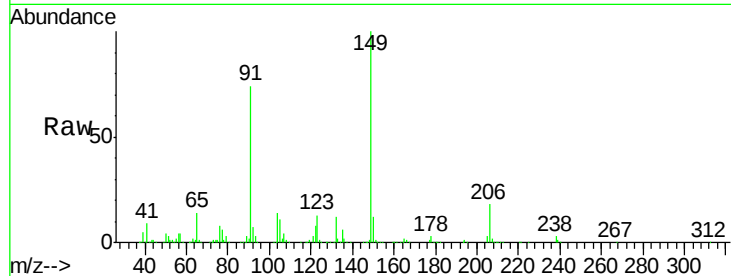
#79
Butylbenzylphthalate
Concen: 46.31 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	607670		
91	74.3	60.0	90.0	
206	18.3	15.1	22.7	

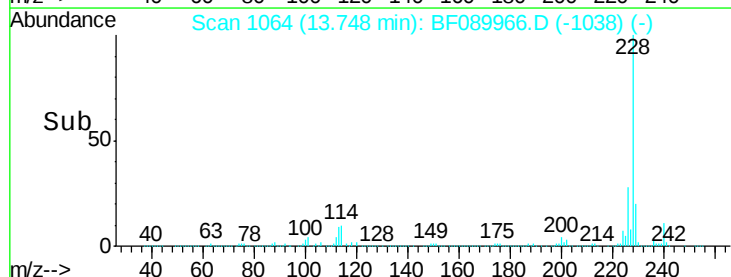
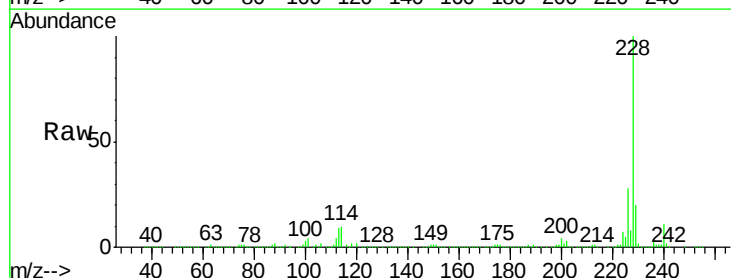
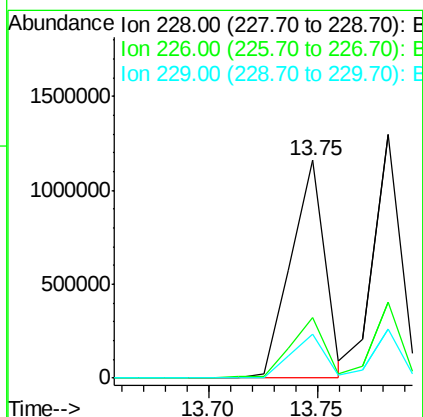
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#80
Benzo(a)anthracene
Concen: 44.85 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1267747		
226	28.1	22.2	33.2	
229	20.1	15.8	23.6	





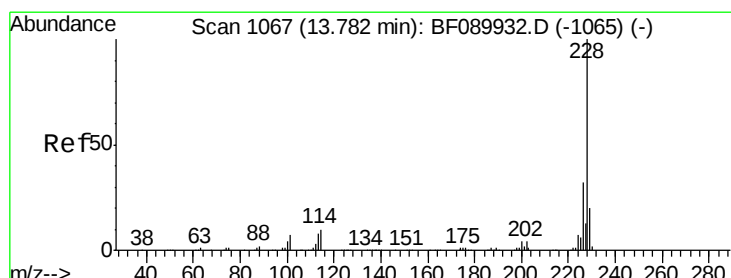
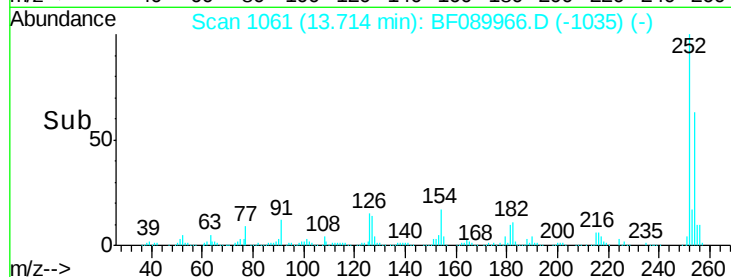
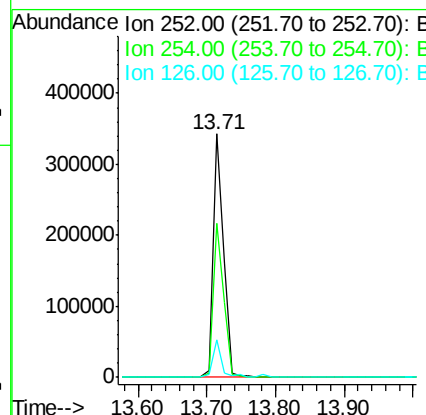
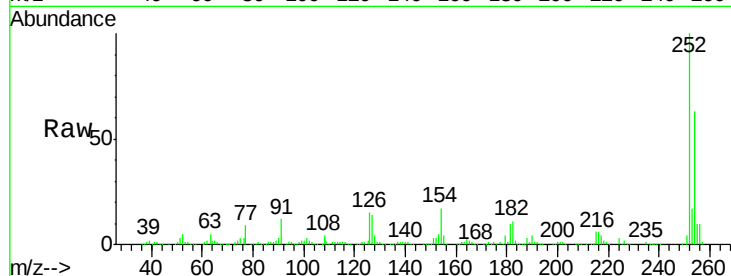
#81
 3,3'-Dichlorobenzidine
 Concen: 35.72 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	364414		
254	63.0	51.3	76.9	
126	15.2	12.3	18.5	

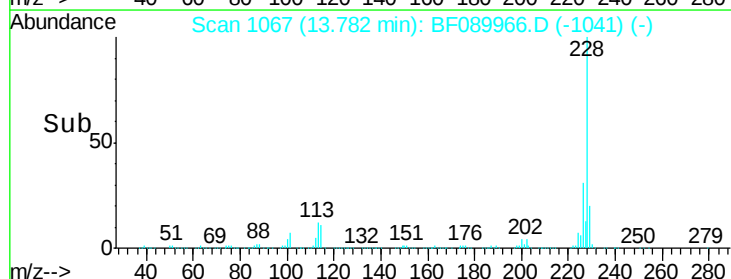
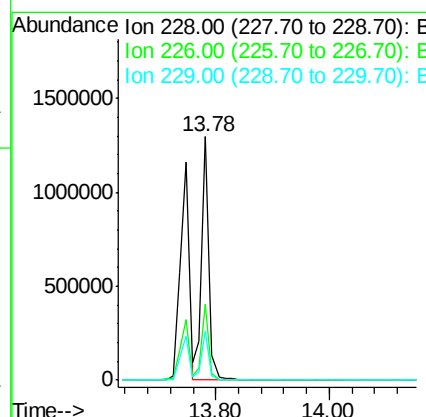
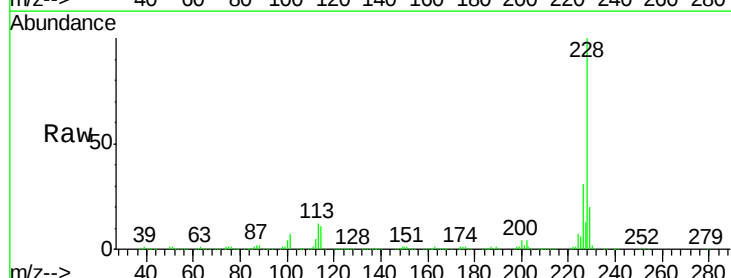
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#82
 Chrysene
 Concen: 44.05 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1163083		
226	31.0	25.2	37.8	
229	20.0	16.2	24.2	





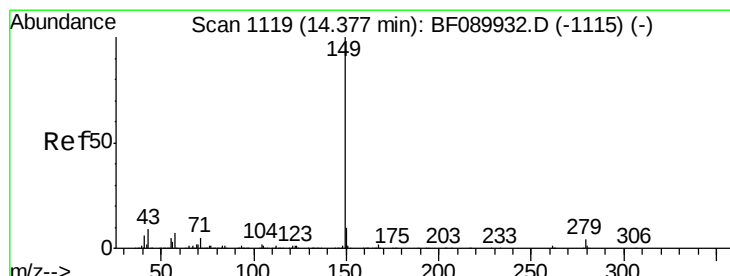
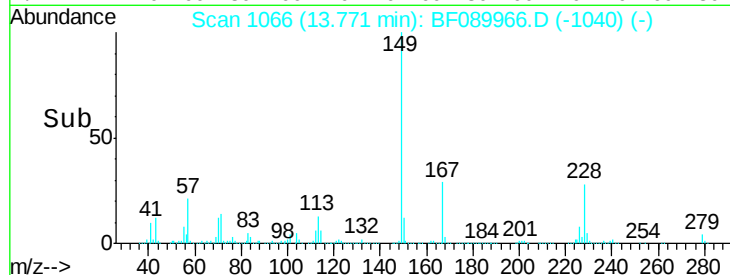
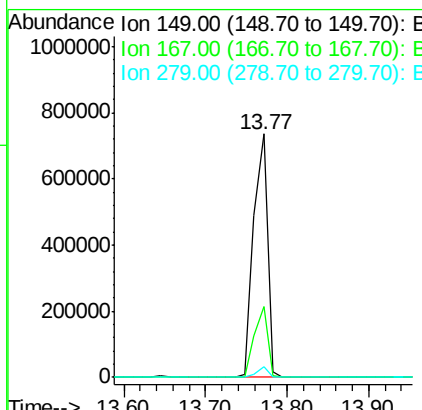
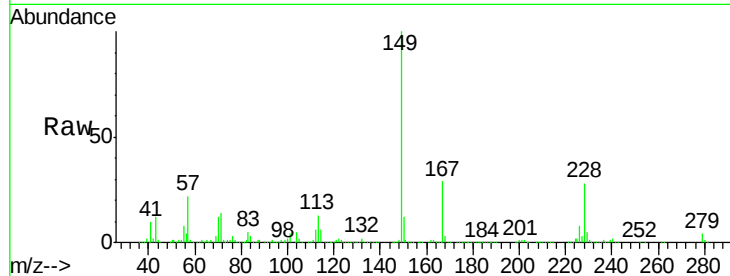
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.64 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	864651		
167	29.0	23.6	35.4	
279	4.2	3.4	5.2	

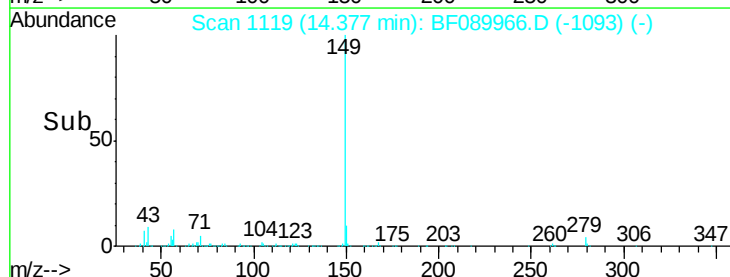
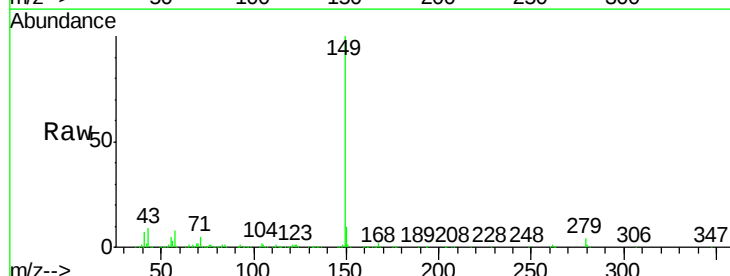
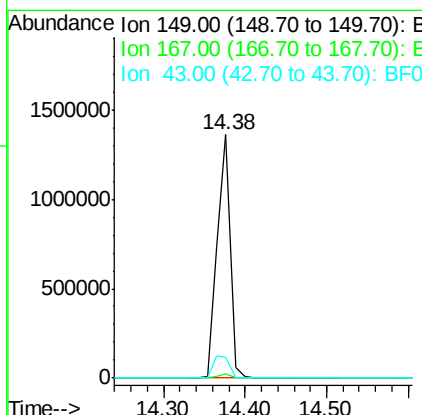
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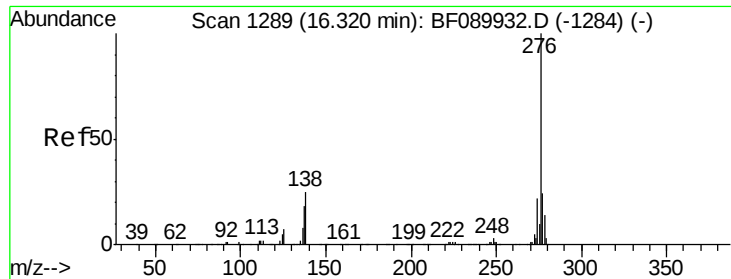
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#84
 Di-n-octyl phthalate
 Concen: 51.04 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1495179		
167	1.6	1.2	1.8	
43	11.5	9.3	13.9	





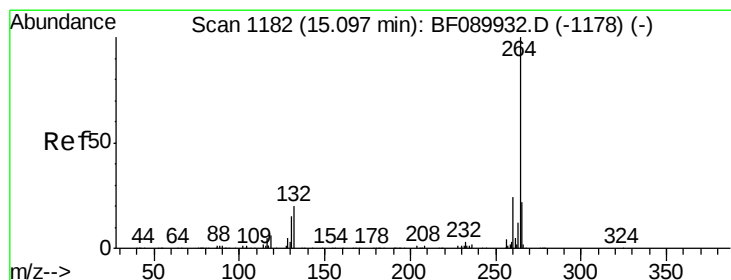
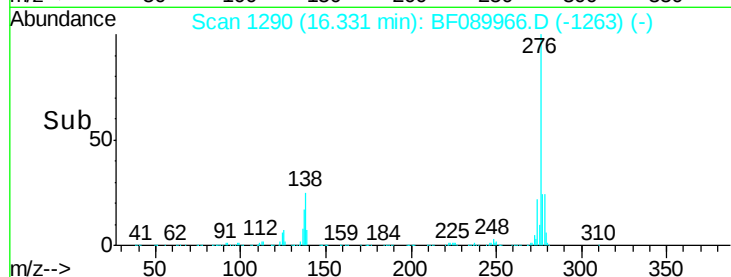
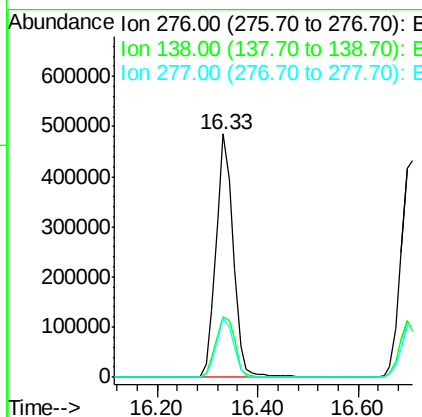
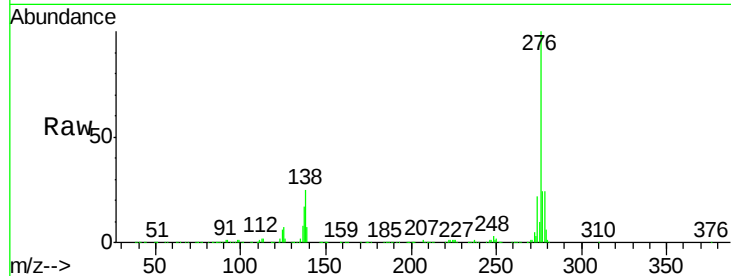
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.66 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BSD

Tgt Ion:276 Resp: 1164643
 Ion Ratio Lower Upper
 276 100
 138 28.2 22.6 34.0
 277 24.9 20.1 30.1

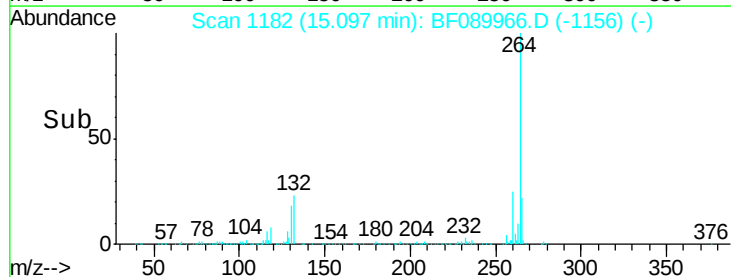
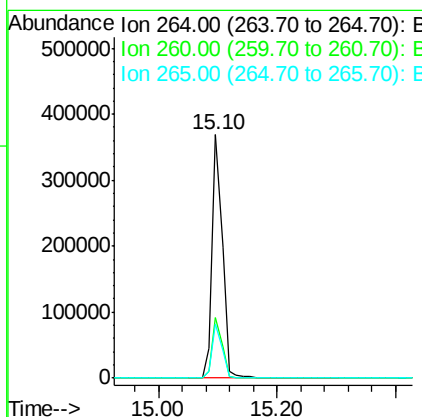
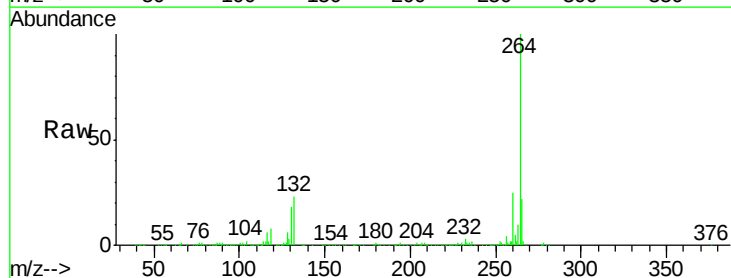
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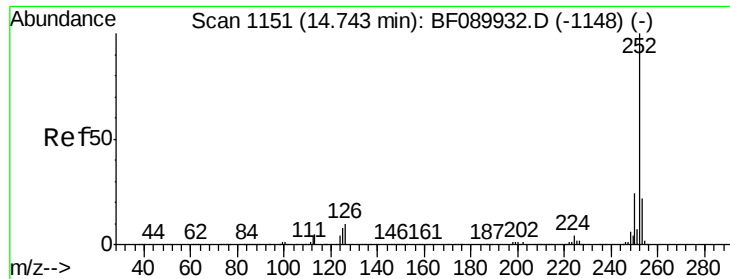
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:264 Resp: 439204
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 22.1 17.4 26.2





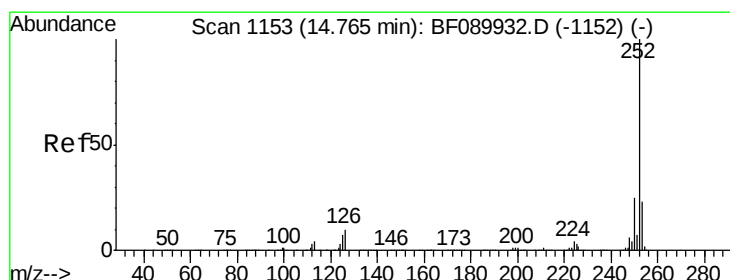
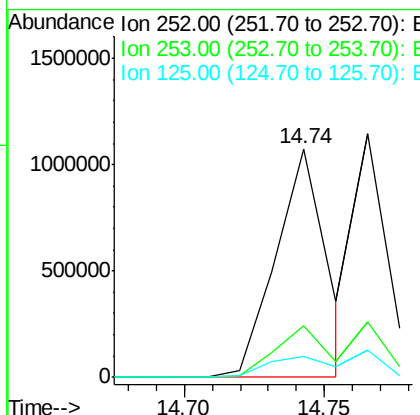
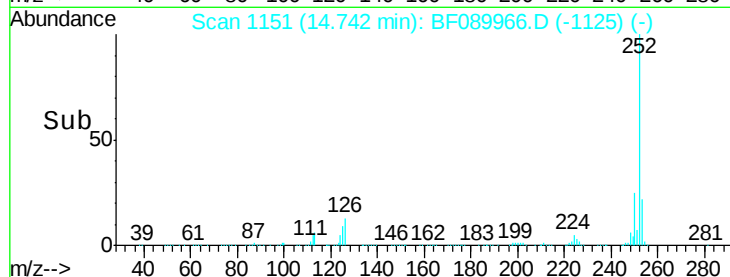
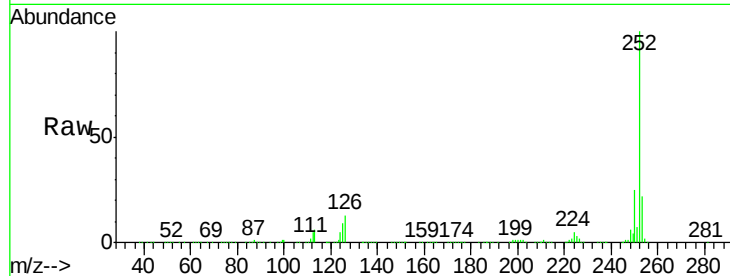
#87
Benzo(b)fluoranthene
Concen: 48.90 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion:252 Resp: 1345359
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.4 5.7 8.5#

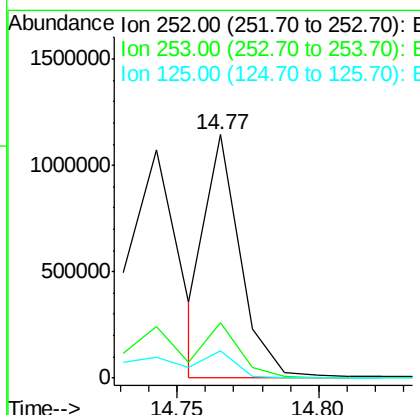
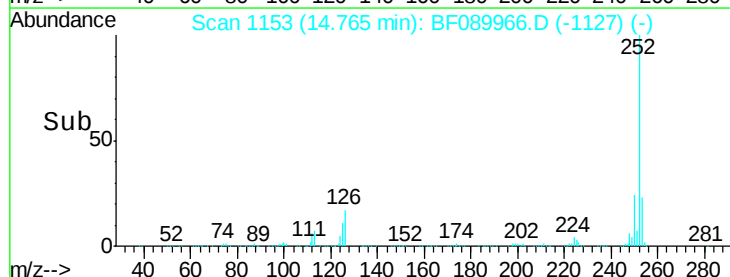
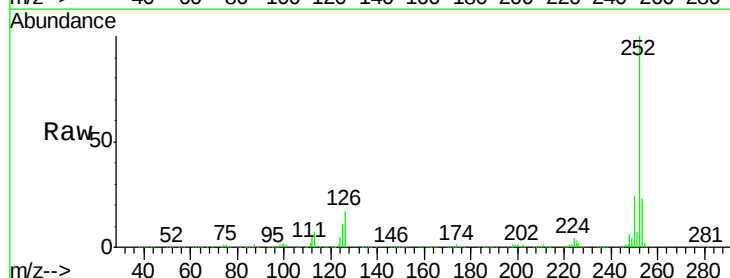
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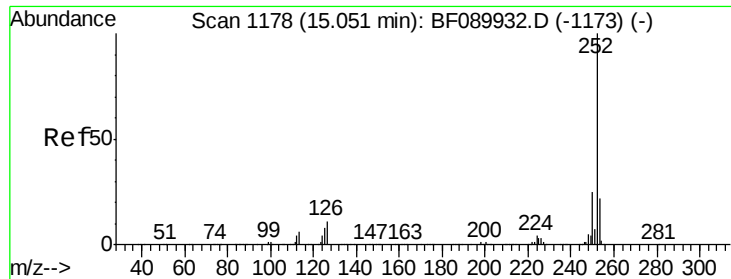
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#88
Benzo(k)fluoranthene
Concen: 41.70 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion:252 Resp: 973662
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.2 7.3 10.9#





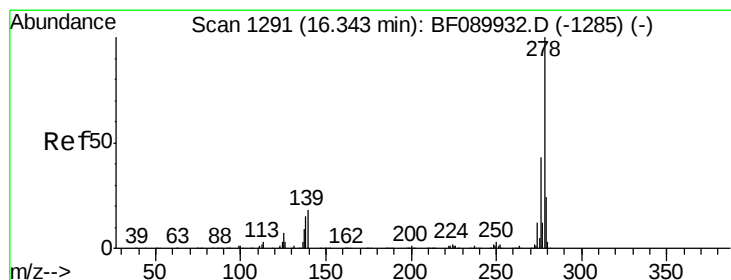
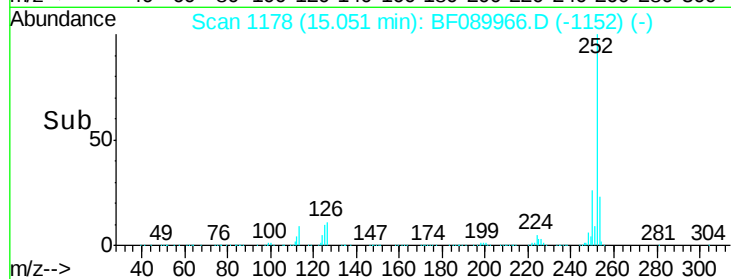
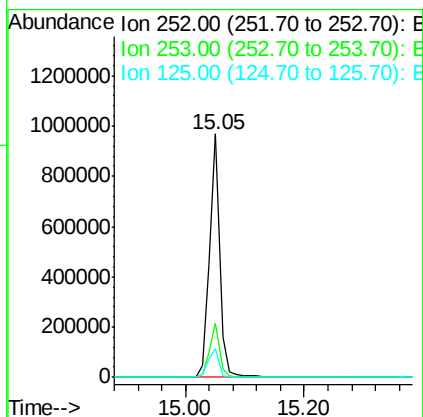
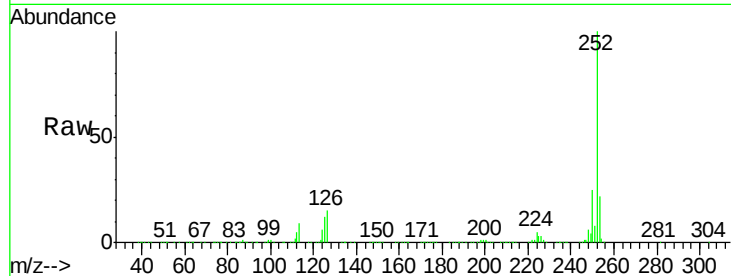
#89
Benzo(a)pyrene
Concen: 48.80 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Tgt Ion: 252 Resp: 1150473
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.6 6.3 9.5#

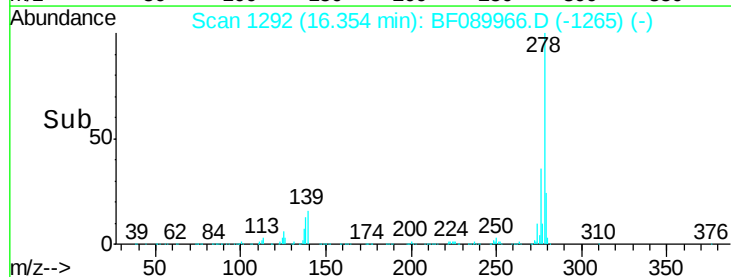
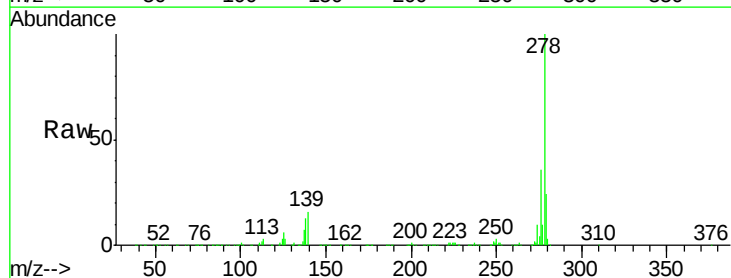
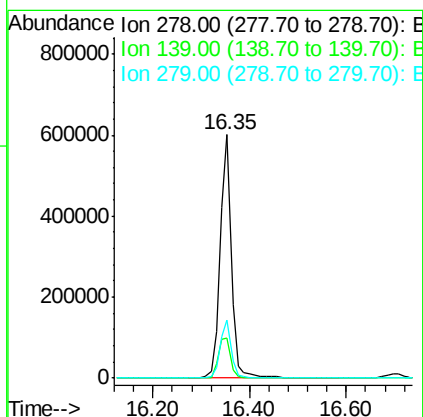
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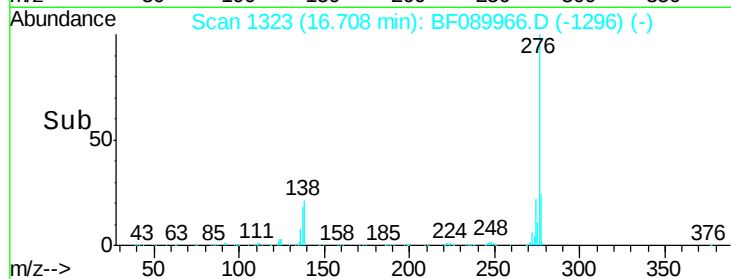
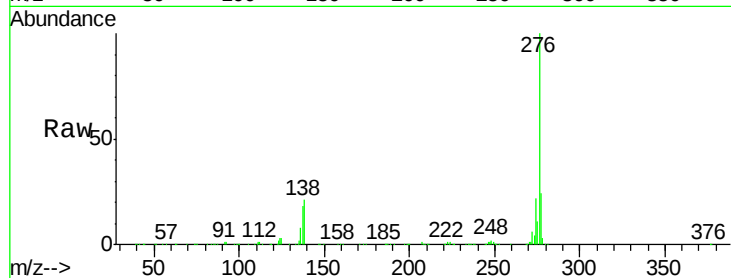
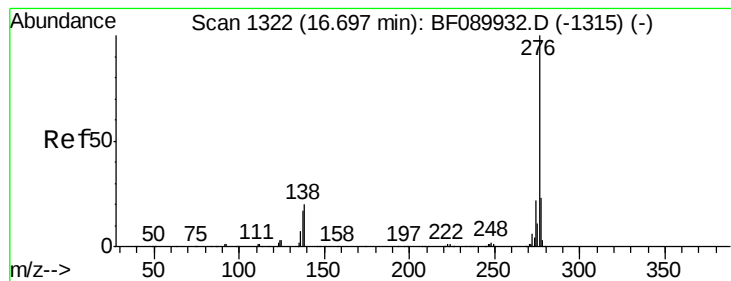
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#90
Dibenzo(a,h)anthracene
Concen: 56.97 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion: 278 Resp: 984011
Ion Ratio Lower Upper
278 100
139 16.3 13.4 20.2
279 24.0 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 53.87 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB93161BSD

Tgt Ion:	276	Resp:	936656
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	21.3	16.4	24.6

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