

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090855.D
 Acq On : 26 Oct 2016 22:10
 Operator : UM/SJ
 Sample : H5403-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

Manual Integrations
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 10/27/2016 3:44:53 PM

Quant Time: Oct 27 02:27:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	177382	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	799202	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	414832	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	690090	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	492143	20.00	ng	-0.01
86) Perylene-d12	15.37	264	385027	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1371058	135.14	ng	0.01
7) Phenol-d6	6.44	99	1658791	121.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	1117024	91.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	600578	140.88	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2397509	101.49	ng	-0.01
78) Terphenyl-d14	12.91	244	2556328	130.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	210997	40.68	ng	# 78
3) Pyridine	3.17	79	373485	26.54	ng	# 72
4) n-Nitrosodimethylamine	3.10	42	207745	52.44	ng	# 64
6) Aniline	6.46	93	260802	16.68	ng	# 75
8) 2-Chlorophenol	6.58	128	566746	45.28	ng	# 99
9) Benzaldehyde	6.34	77	75986	10.75	ng	# 83
10) Phenol	6.45	94	654306	43.38	ng	# 79
11) bis(2-Chloroethyl)ether	6.53	93	598632	47.97	ng	# 86
12) 1,3-Dichlorobenzene	6.73	146	569370	44.48	ng	# 94
13) 1,4-Dichlorobenzene	6.81	146	608746	45.22	ng	# 95
14) 1,2-Dichlorobenzene	6.96	146	534023m	41.38	ng	# 95
15) Benzyl Alcohol	6.93	79	423799	47.14	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.07	45	568064	45.74	ng	# 45
17) 2-Methylphenol	7.06	107	457686	48.07	ng	# 83
18) Hexachloroethane	7.30	117	207878	42.43	ng	# 84
19) n-Nitroso-di-n-propylamine	7.22	70	397967	50.29	ng	# 68
20) 3+4-Methylphenols	7.21	107	541829	49.16	ng	# 51
22) Acetophenone	7.21	105	759282	46.18	ng	# 86
24) Nitrobenzene	7.38	77	712561	55.18	ng	# 73
25) Isophorone	7.62	82	1334858	53.88	ng	# 89
26) 2-Nitrophenol	7.70	139	346253	50.05	ng	# 85
27) 2,4-Dimethylphenol	7.74	122	598927	53.48	ng	# 83
28) bis(2-Chloroethoxy)methane	7.84	93	830783	58.96	ng	# 95
29) 2,4-Dichlorophenol	7.94	162	526109	50.73	ng	# 93
30) 1,2,4-Trichlorobenzene	8.02	180	548855	45.80	ng	# 97
31) Naphthalene	8.10	128	1805929	48.34	ng	# 97
32) Benzoic acid	7.88	122	354448	43.59	ng	# 64
33) 4-Chloroaniline	8.16	127	161690	10.71	ng	# 91
34) Hexachlorobutadiene	8.21	225	294780	41.83	ng	# 98
35) Caprolactam	8.53	113	144275m	44.82	ng	# 98
36) 4-Chloro-3-methylphenol	8.65	107	571126	50.64	ng	# 85
37) 2-Methylnaphthalene	8.80	142	1185837	49.15	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	520320	45.72	ng	# 99
40) Hexachlorocyclopentadiene	8.94	237	573436	109.53	ng	# 98

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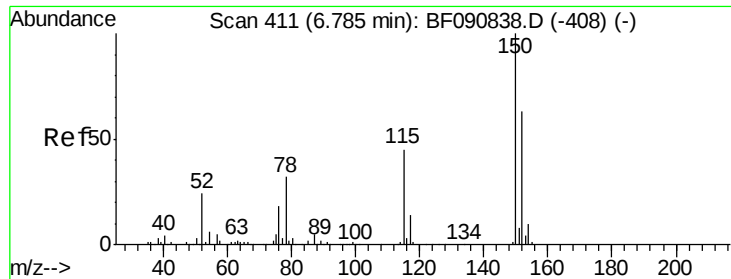
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	372428	50.69	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	399408	52.78	nq #	91
45) 1,1'-Biphenyl	9.25	154	1337095	44.75	nq	92
46) 2-Chloronaphthalene	9.28	162	1076755	47.37	nq #	91
47) 2-Nitroaniline	9.38	65	297262	46.35	nq	82
48) Acenaphthylene	9.70	152	1780438	51.73	nq	96
49) Dimethylphthalate	9.56	163	1348694	48.66	nq #	97
50) 2,6-Dinitrotoluene	9.63	165	321135	52.46	nq #	83
51) Acenaphthene	9.87	154	1131670	47.74	nq	89
52) 3-Nitroaniline	9.79	138	123041	18.88	nq #	71
53) 2,4-Dinitrophenol	9.90	184	371991	115.44	nq #	90
54) Dibenzofuran	10.04	168	1603163	52.41	nq #	87
55) 4-Nitrophenol	9.97	139	435511	109.59	nq #	84
56) 2,4-Dinitrotoluene	10.03	165	399230	52.50	nq #	85
57) Fluorene	10.38	166	1282269	51.18	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	318413	47.12	nq	98
59) Diethylphthalate	10.27	149	1382222	50.21	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	587554	48.04	nq	91
61) 4-Nitroaniline	10.41	138	286055	44.32	nq #	57
62) Azobenzene	10.53	77	1254288	46.33	nq	87
64) 4,6-Dinitro-2-methylphenol	10.44	198	248499	54.31	nq #	65
65) n-Nitrosodiphenylamine	10.50	169	1109737	52.50	nq	89
66) 4-Bromophenyl-phenylether	10.86	248	411747	54.49	nq	96
67) Hexachlorobenzene	10.93	284	490213	54.81	nq #	78
68) Atrazine	11.02	200	343617	52.55	nq	85
69) Pentachlorophenol	11.13	266	511767	106.66	nq	98
70) Phenanthrene	11.34	178	2006205m	57.09	nq	
71) Anthracene	11.39	178	1793384	48.46	nq	95
72) Carbazole	11.55	167	1717015	52.54	nq #	92
73) Di-n-butylphthalate	11.88	149	2046520	48.58	nq #	96
74) Fluoranthene	12.52	202	1906856	49.55	nq	97
76) Benzidine	12.66	184	94258	8.77	nq #	97
77) Pyrene	12.75	202	1838720	59.04	nq	95
79) Butylbenzylphthalate	13.38	149	869842	61.56	nq #	86
80) Benzo(a)anthracene	13.94	228	1516719	58.07	nq	96
81) 3,3'-Dichlorobenzidine	13.91	252	295841	29.18	nq	99
82) Chrysene	13.99	228	1602489m	60.66	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	1197824	65.09	nq #	93
84) Di-n-octyl phthalate	14.56	149	1967037	63.66	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.74	276	1331015	56.85	nq #	93
87) Benzo(b)fluoranthene	14.97	252	1240914	47.93	nq #	90
88) Benzo(k)fluoranthene	15.00	252	1298775m	63.48	nq	
89) Benzo(a)pyrene	15.31	252	1150161	51.70	nq #	89
90) Dibenzo(a,h)anthracene	16.75	278	1131228	60.07	nq #	86
91) Benzo(g,h,i)perylene	17.15	276	1084255	61.13	nq #	81

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion:152 Resp: 177382

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

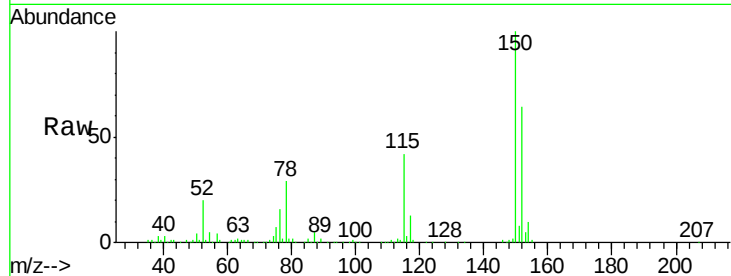
115 65.4 39.0 58.4#

Manual Integrations

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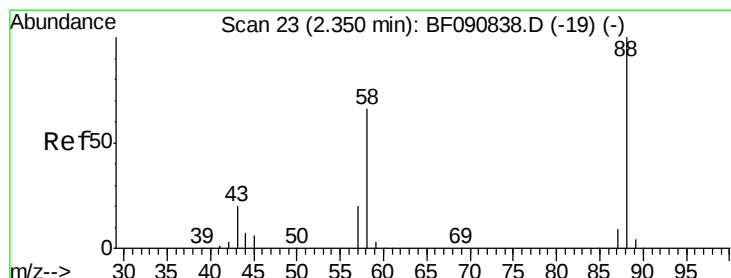
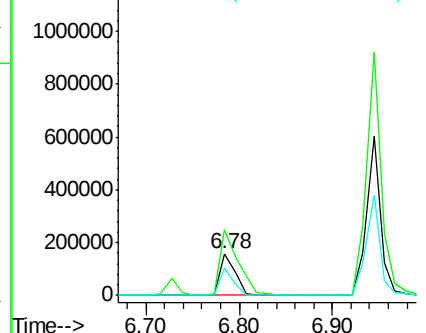
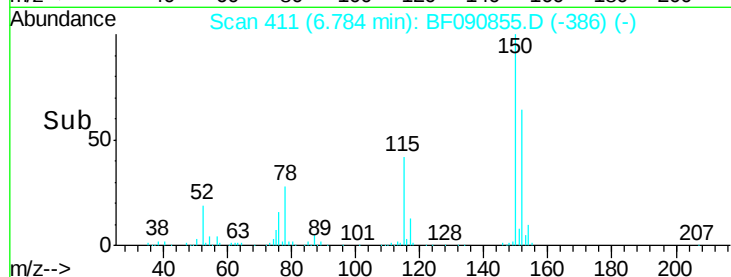
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.68 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

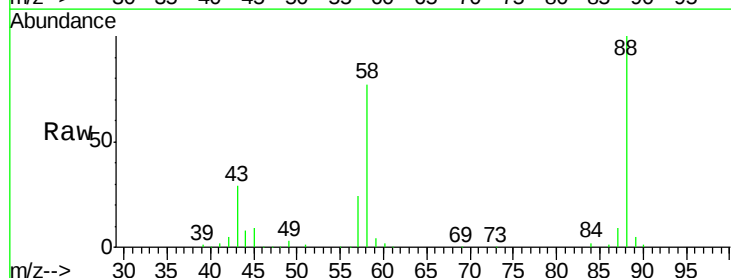
Tgt Ion: 88 Resp: 210997

Ion Ratio Lower Upper

88 100

58 72.5 77.7 116.5#

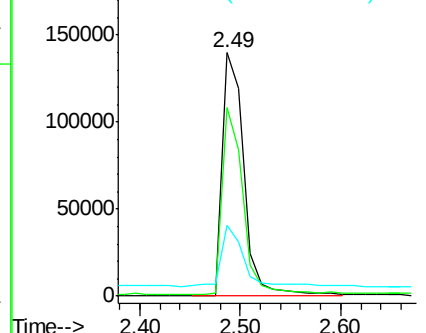
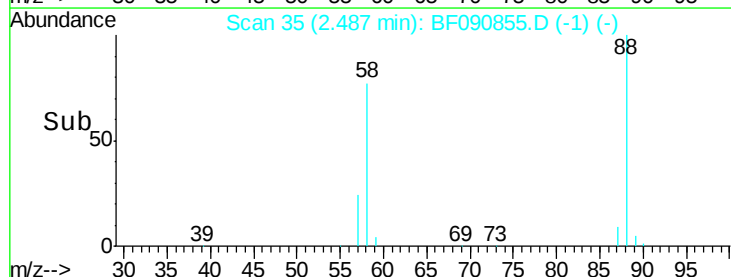
43 24.8 26.6 40.0#

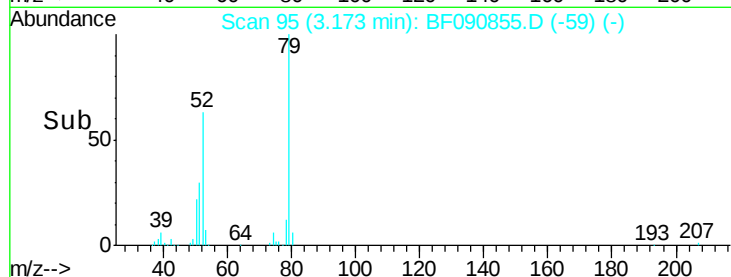
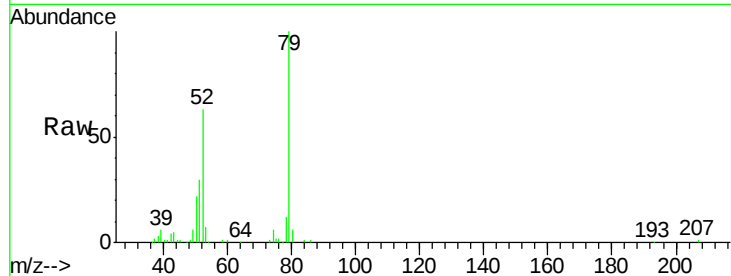
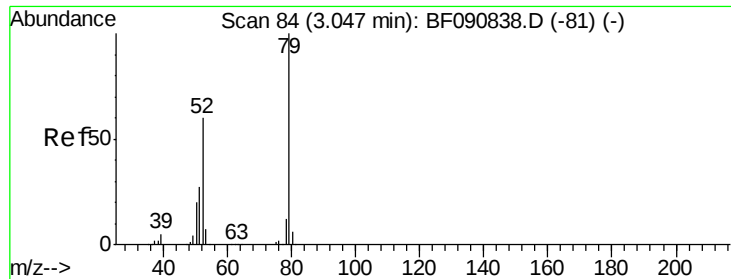


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





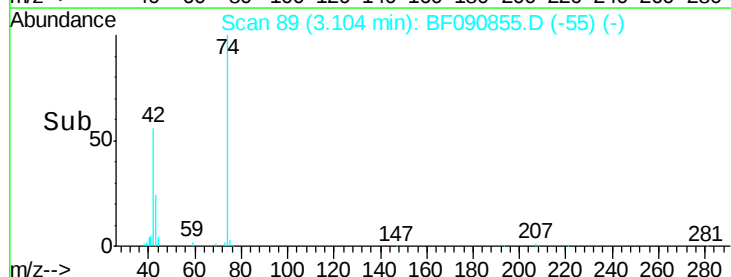
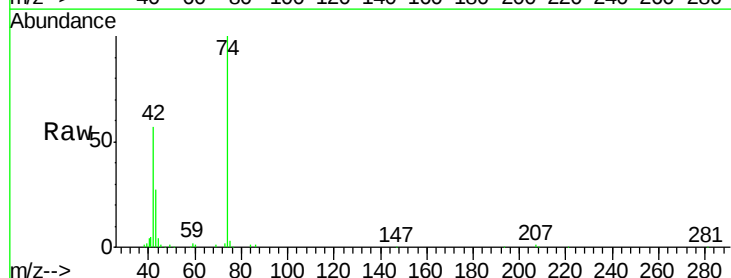
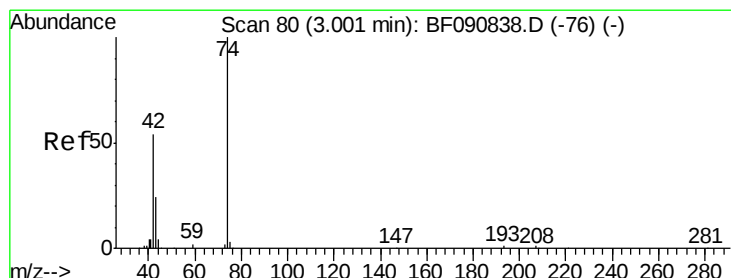
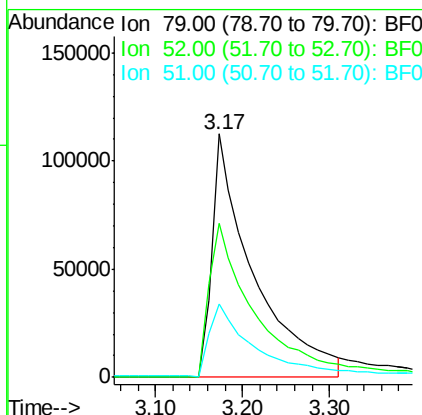
#3
 Pvridine
 Concen: 26.54 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.11 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	76.8	115.2#
51	30.4	32.2	48.4#

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 C0AA0MSD

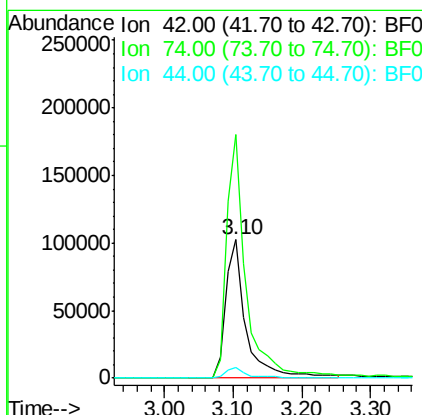
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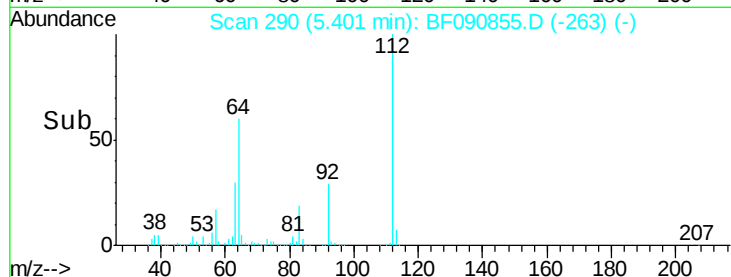
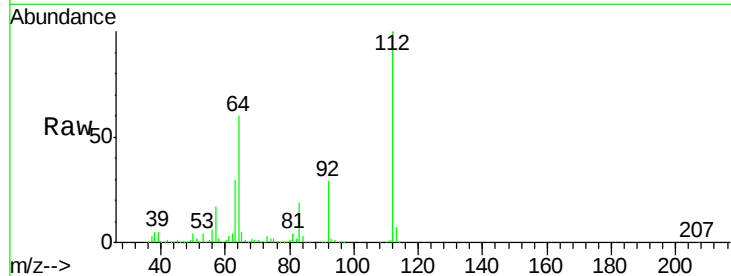
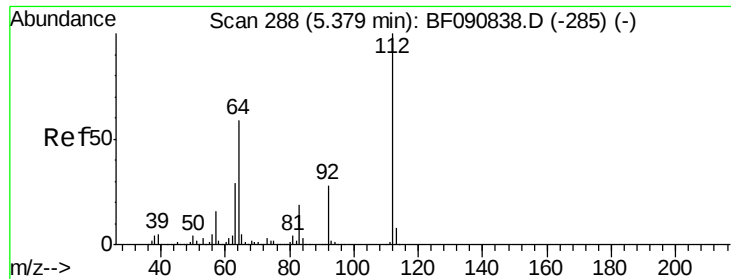
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#4
 n-Nitrosodimethylamine
 Concen: 52.44 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.09 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	176.1	105.0	157.6#
44	7.5	6.6	10.0





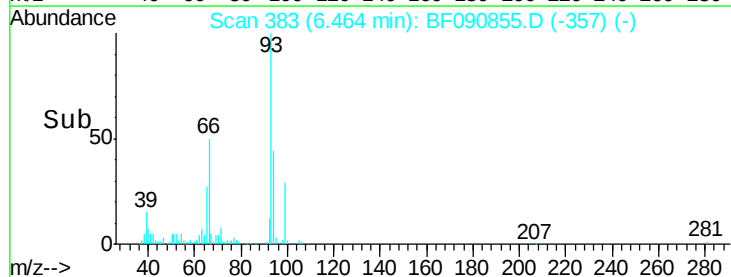
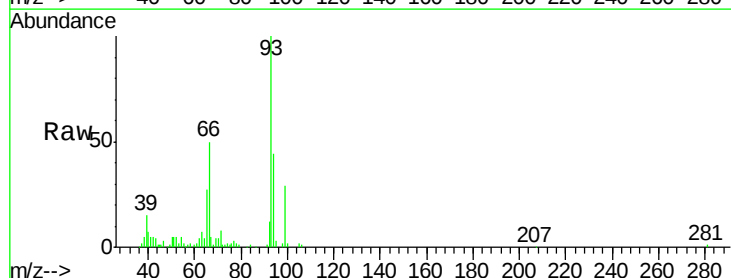
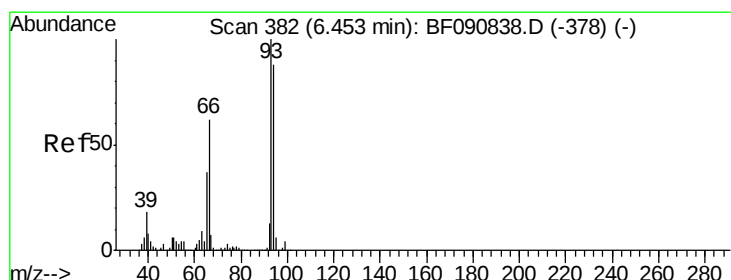
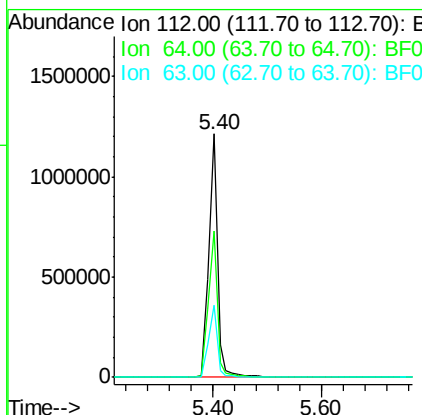
#5
2-Fluorophenol
Concen: 135.14 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tot Ion: 112 Resp: 1371058
Ion Ratio Lower Upper
112 100
64 59.9 39.7 59.5#
63 29.9 17.4 26.0#

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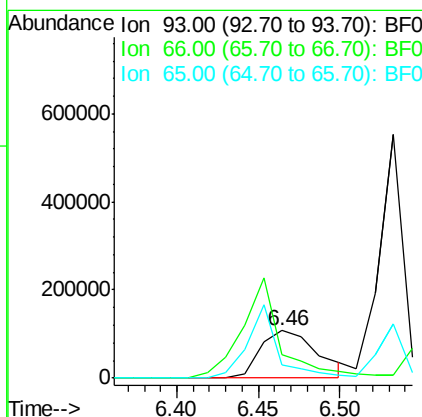
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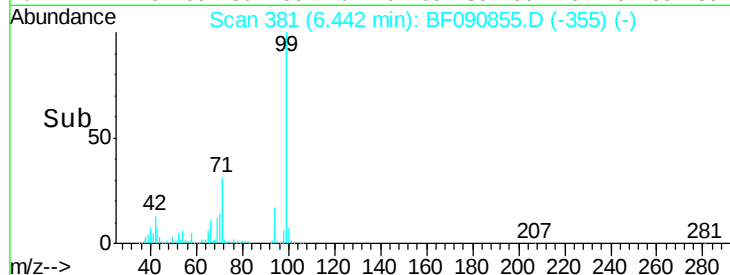
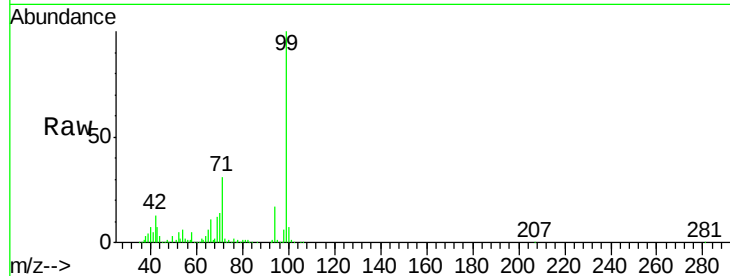
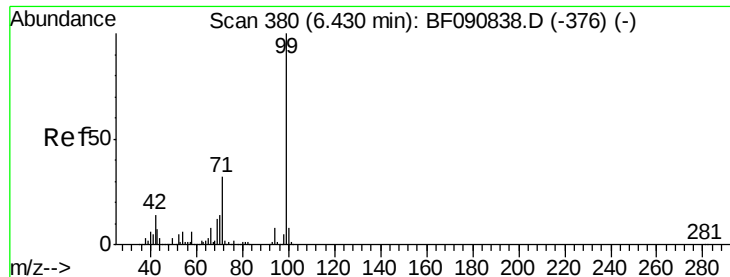
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#6
Aniline
Concen: 16.68 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion: 93 Resp: 260802
Ion Ratio Lower Upper
93 100
66 49.6 27.2 40.8#
65 27.3 14.7 22.1#





#7

Phenol-d6

Concen: 121.19 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tot Ion:	99	Resp:	1658791
Ion	Ratio	Lower	Upper
99	100		
42	13.1	13.7	20.5#
71	30.7	14.2	21.2#

Instrument :

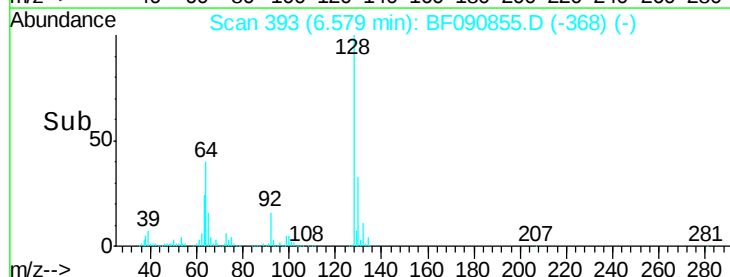
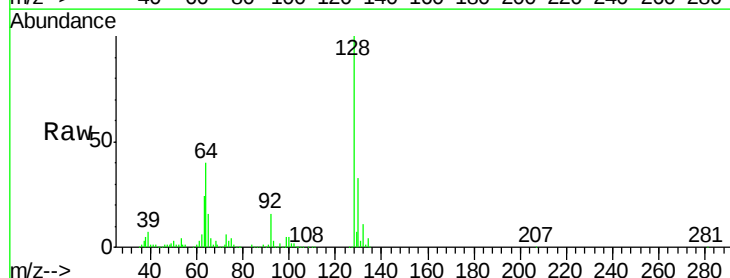
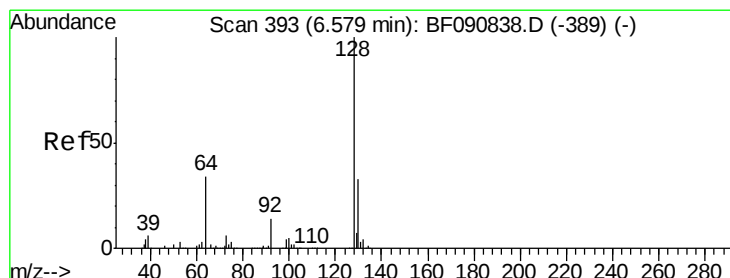
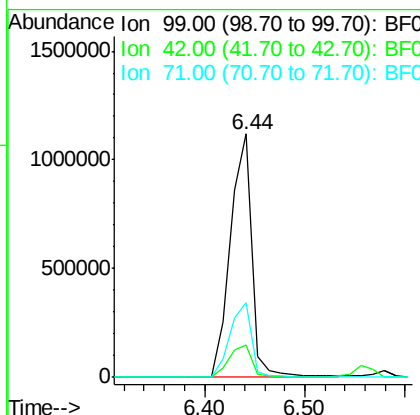
BNA_F

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#8

2-Chlorophenol

Concen: 45.28 ng

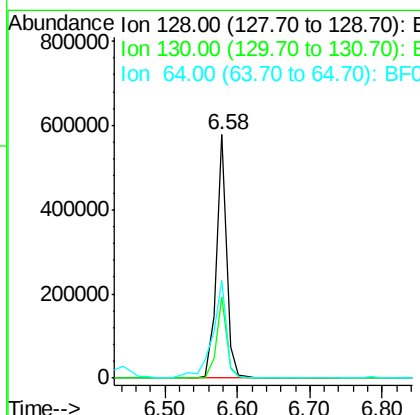
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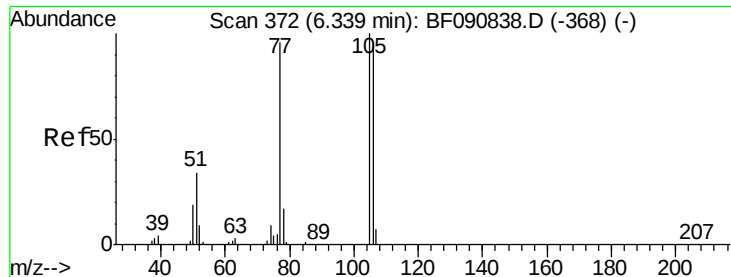
Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion:	128	Resp:	566746
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.2	52.2
64	40.2	20.5	60.5





#9

Benzaldehyde

Concen: 10.75 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

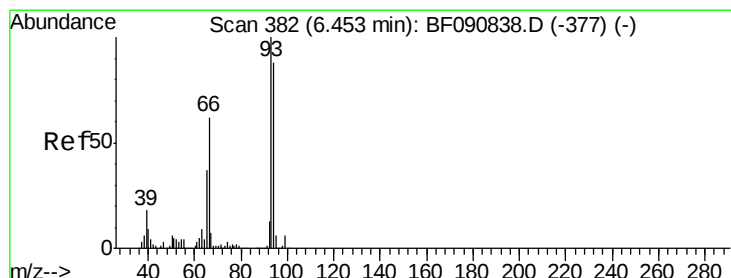
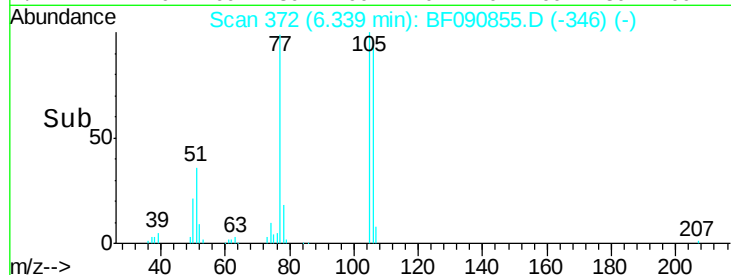
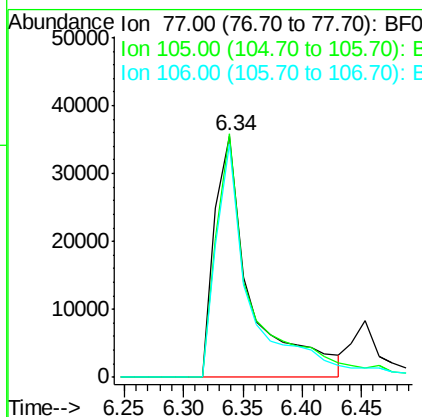
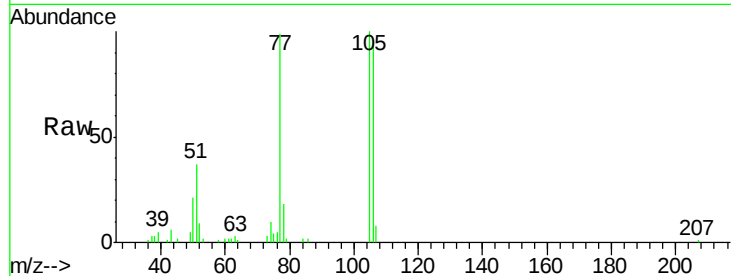
ClientSampleId :

C0AA0MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	91.6	131.6
106	96.8	102.6	142.6

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#10

Phenol

Concen: 43.38 ng

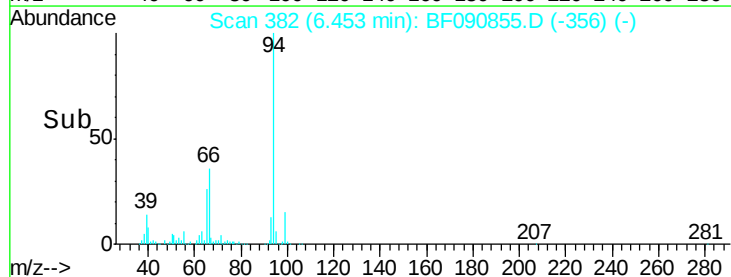
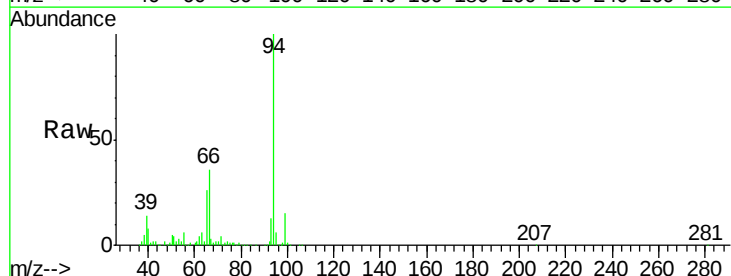
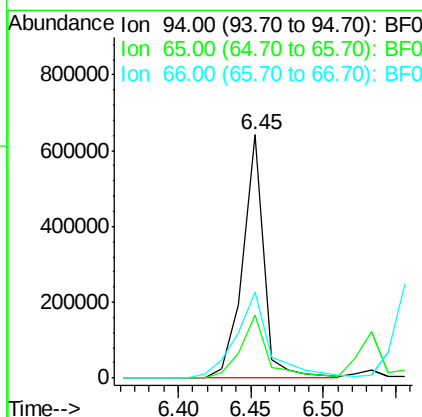
RT: 6.45 min Scan# 382

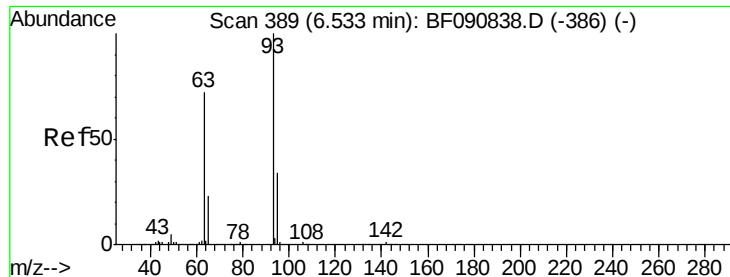
Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.8	0.7	40.7
66	35.6	0.8	40.8





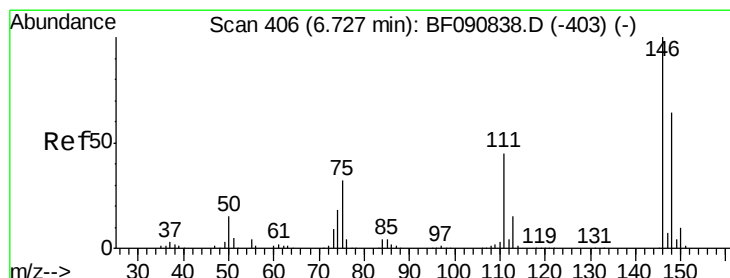
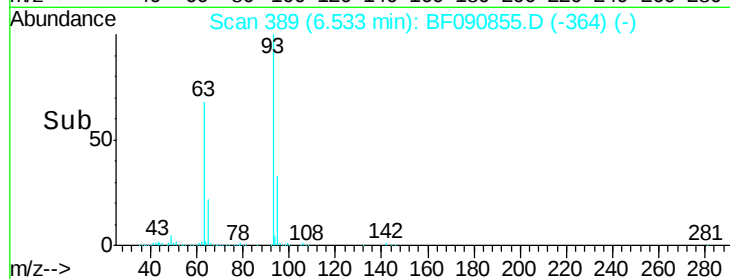
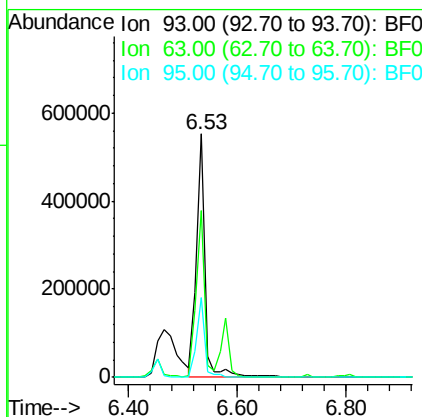
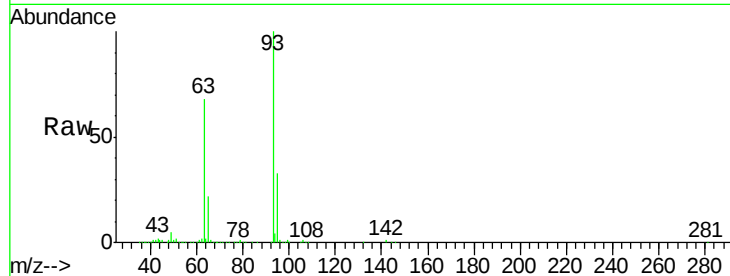
#11
bis(2-Chloroethyl)ether
Concen: 47.97 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.4	65.6	105.6
95	32.8	13.6	53.6

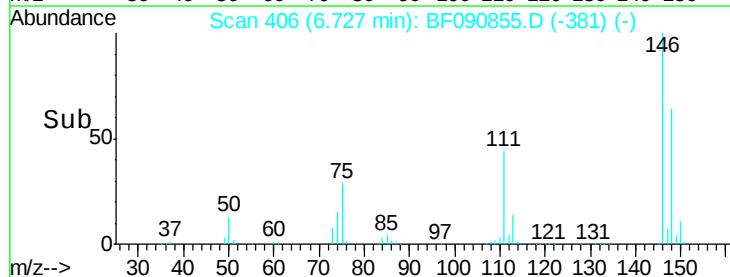
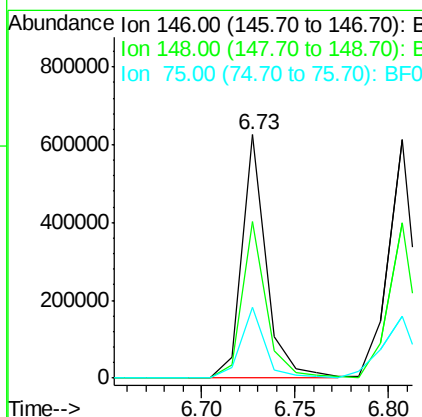
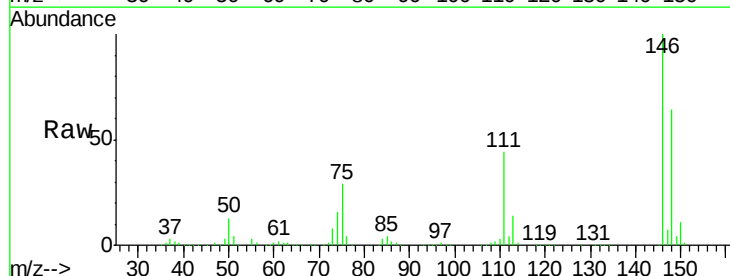
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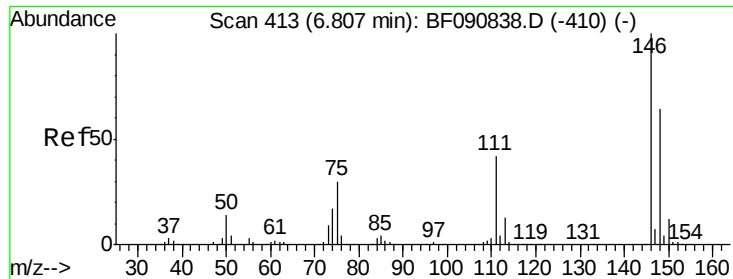
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#12
1,3-Dichlorobenzene
Concen: 44.48 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
75	29.1	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 45.22 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

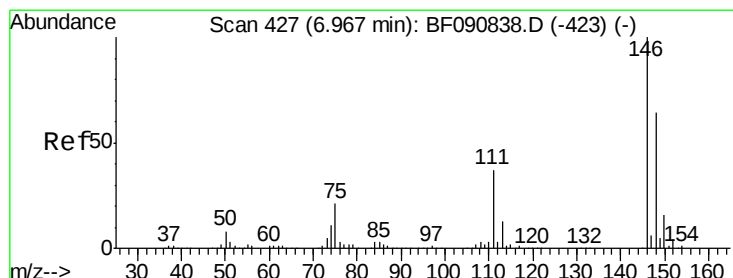
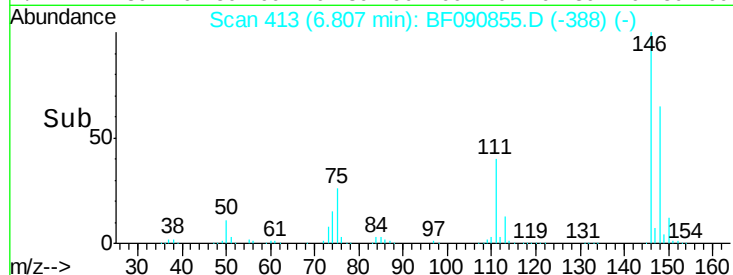
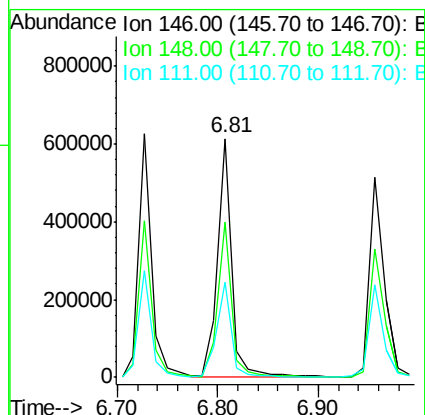
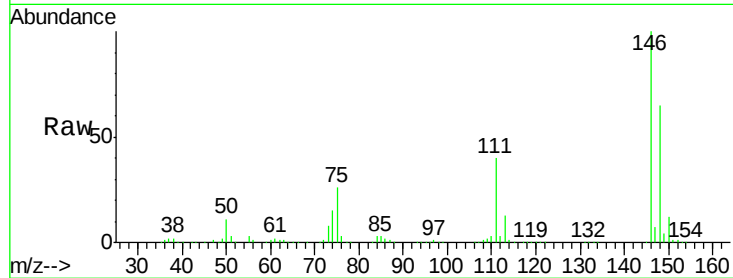
ClientSampleId :

C0AA0MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	39.8	24.9	37.3

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#14

1,2-Dichlorobenzene

Concen: 41.38 ng m

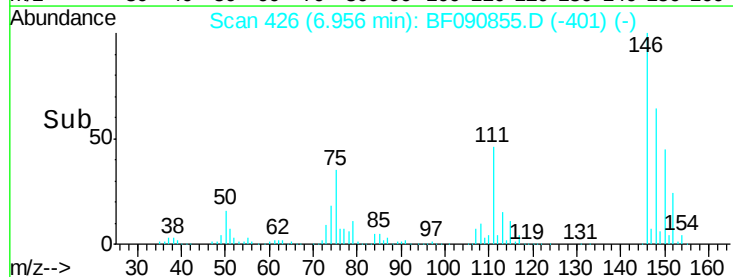
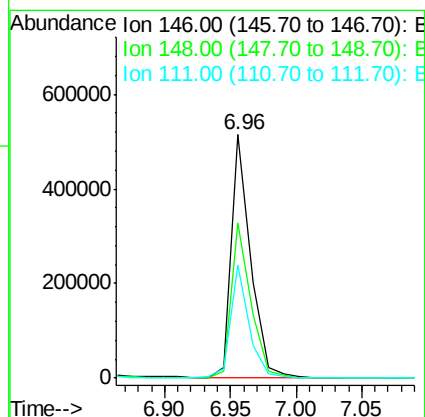
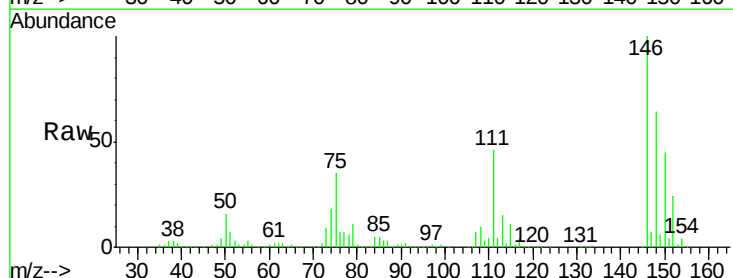
RT: 6.96 min Scan# 426

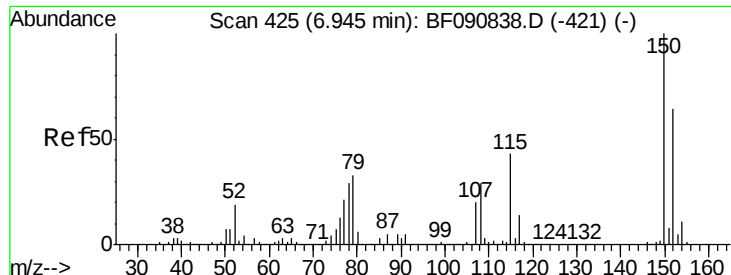
Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.7	79.1
111	46.5	28.8	43.2





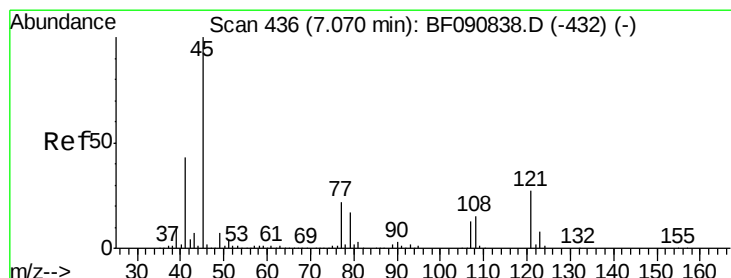
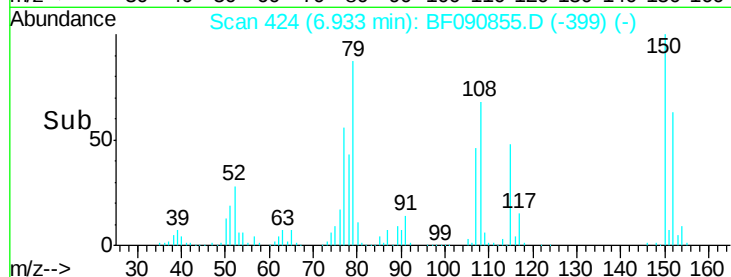
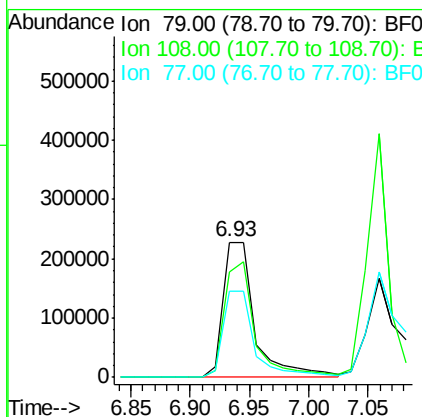
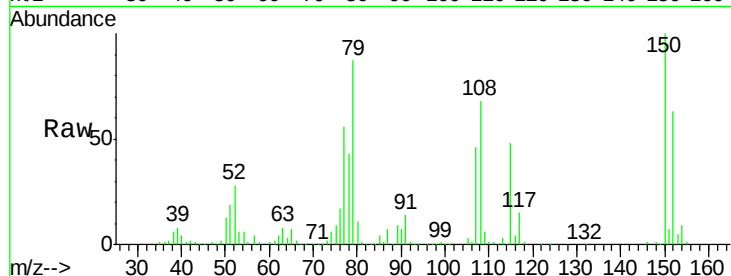
#15
Benzyl Alcohol
Concen: 47.14 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	88.6	132.8#
77	63.9	47.0	70.4

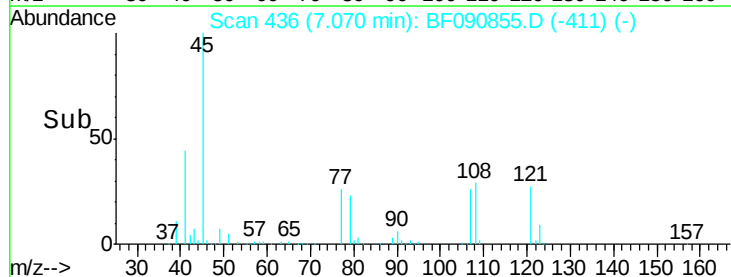
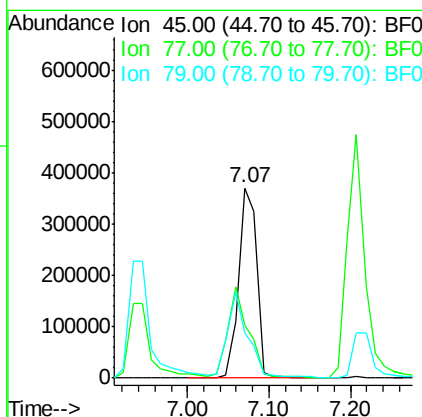
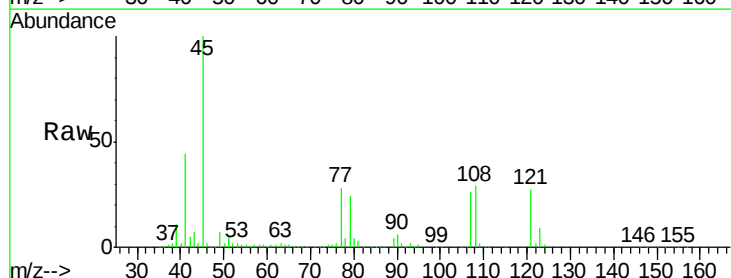
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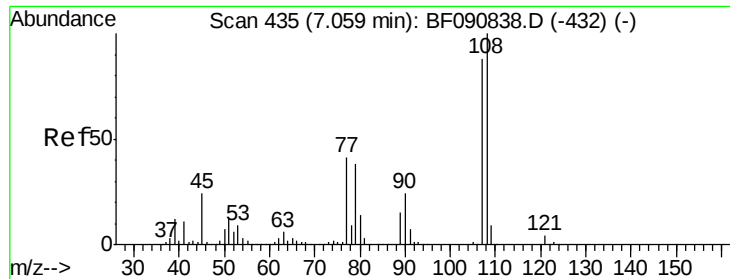
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.74 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.0	0.0	28.1
79	23.8	0.0	26.0





#17

2-Methylphenol

Concen: 48.07 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion:107 Resp: 457686
Ion Ratio Lower Upper

107 100

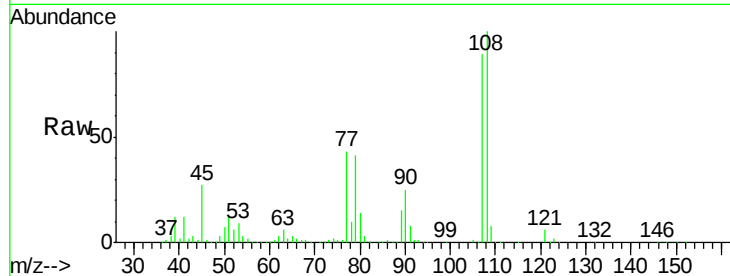
108 112.5 96.6 145.0

77 48.6 23.3 34.9#

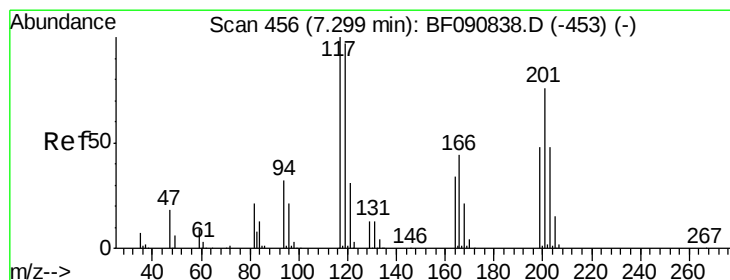
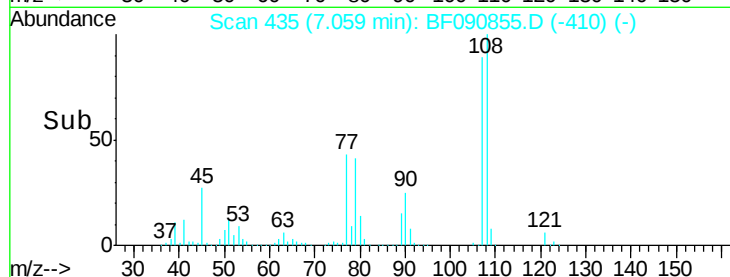
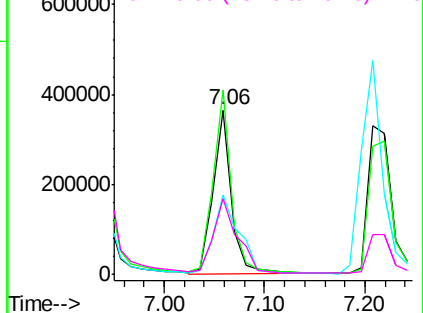
79 46.0 22.0 33.0#

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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: 42.43 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF090855.D

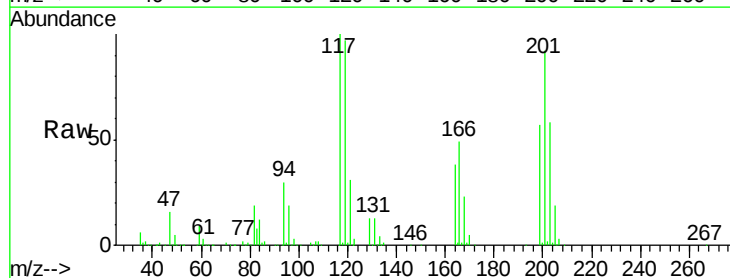
Acq: 26 Oct 2016 22:10

Tgt Ion:117 Resp: 207878
Ion Ratio Lower Upper

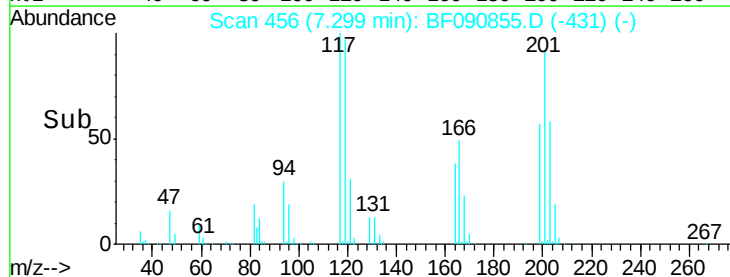
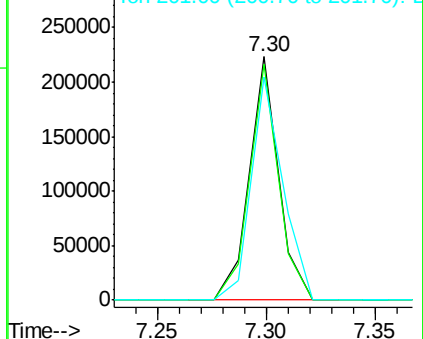
117 100

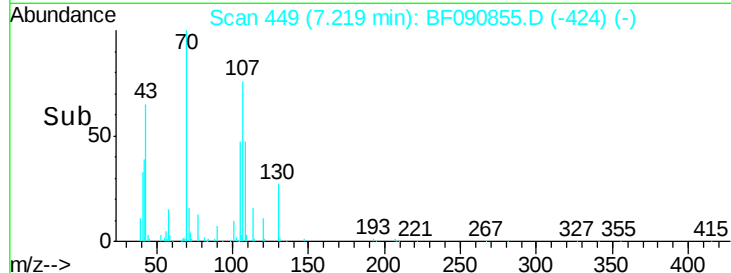
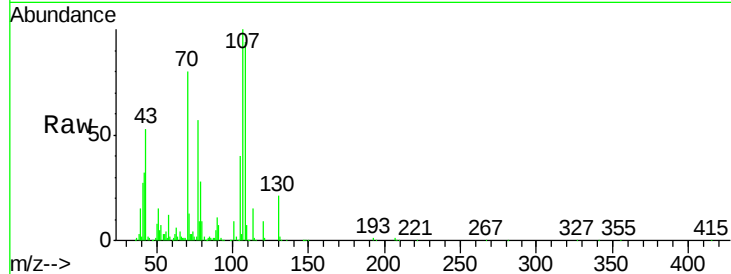
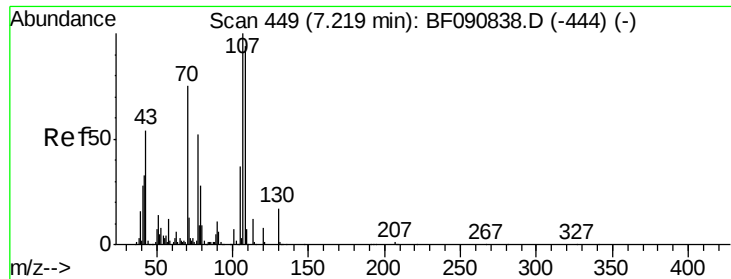
119 97.1 83.8 125.6

201 91.7 55.1 82.7#



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





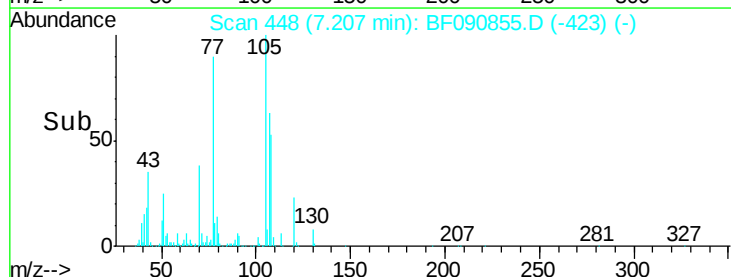
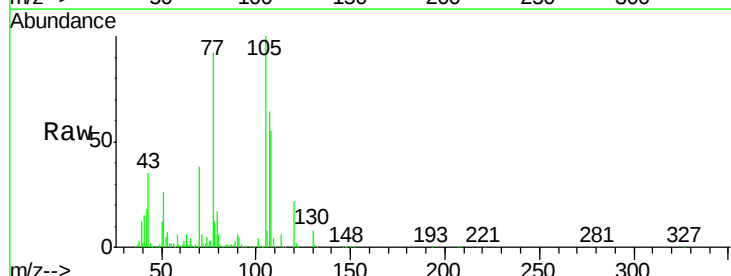
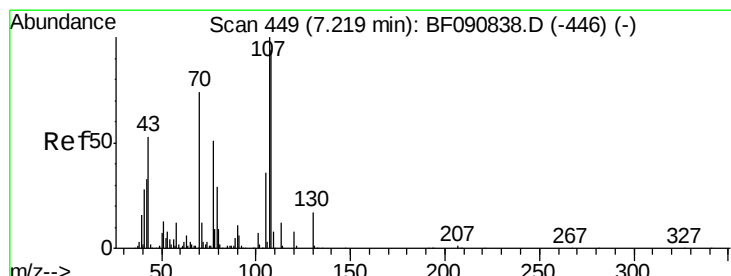
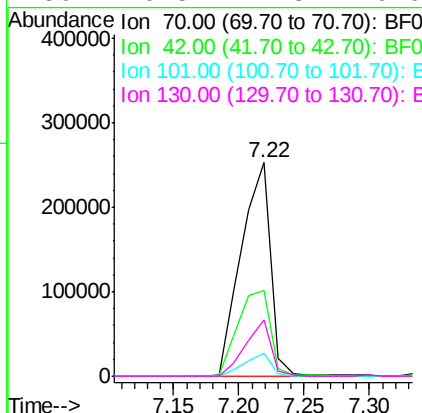
#19
n-Nitroso-di-n-propylamine
Concen: 50.29 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.2	63.8	95.6#
101	10.7	9.2	13.8
130	26.5	27.3	40.9#

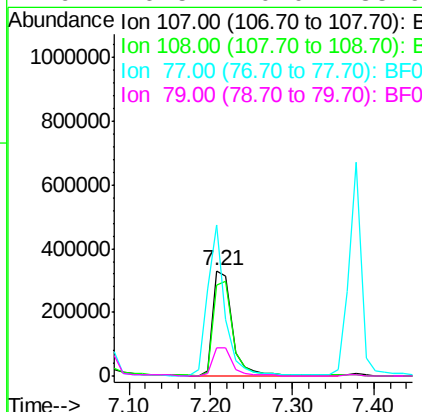
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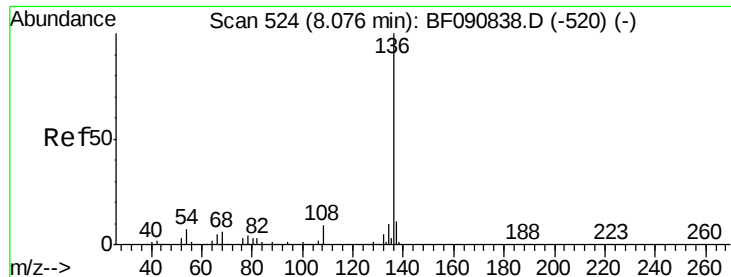
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#20
3+4-Methylphenols
Concen: 49.16 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	74.6	114.6
77	143.9	0.7	40.7#
79	26.5	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

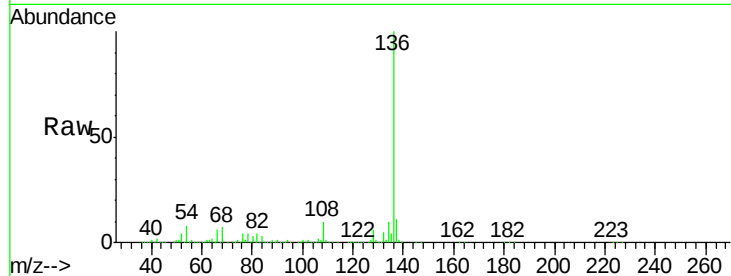
ClientSampleId :

C0AA0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		799202		
137	11.4	9.0	13.6		
54	7.7	8.2	12.2		
68	7.4	5.8	8.6		

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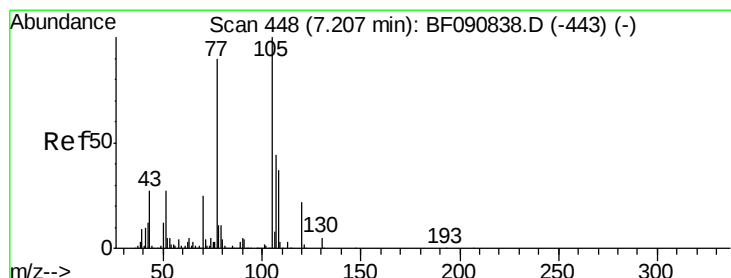
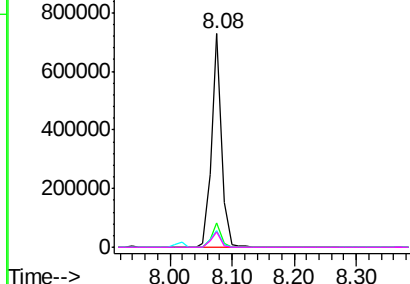
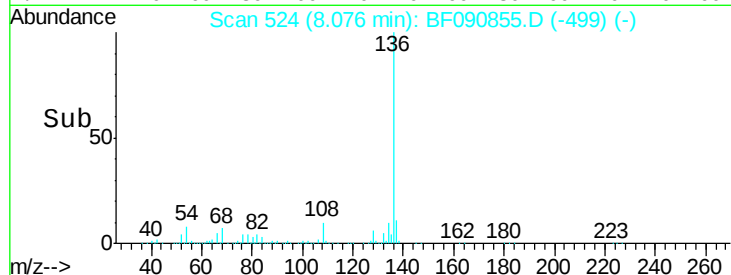


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.18 ng

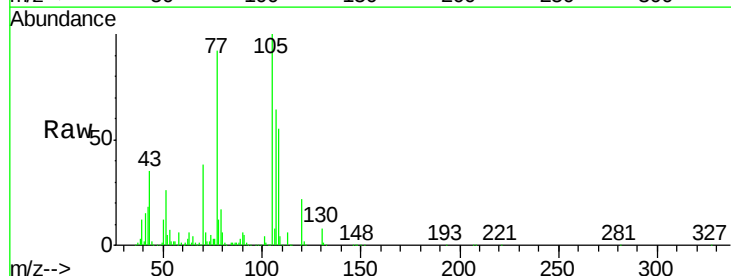
RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		759282		
71	6.4	4.7	7.1		
51	26.3	22.0	33.0		
120	22.5	30.1	45.1		

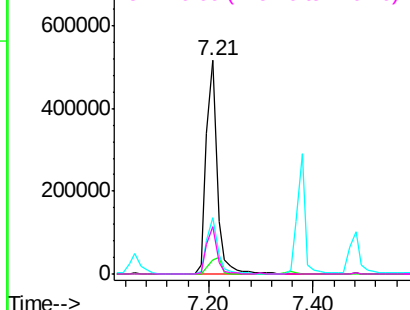
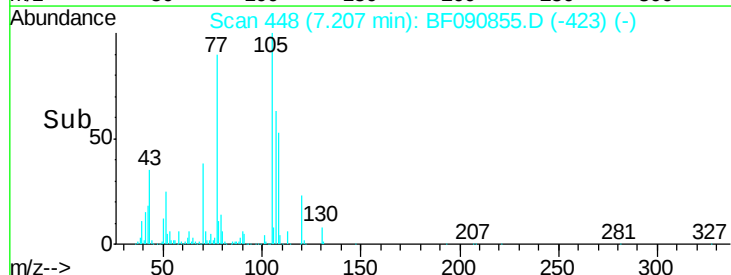


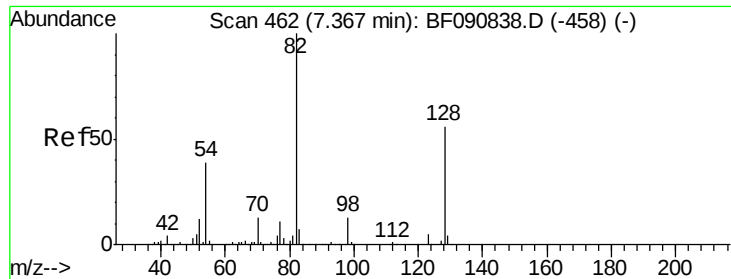
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





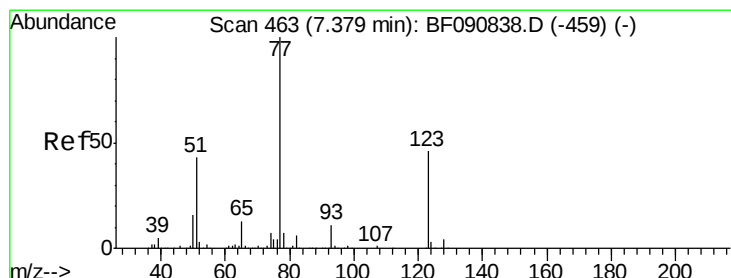
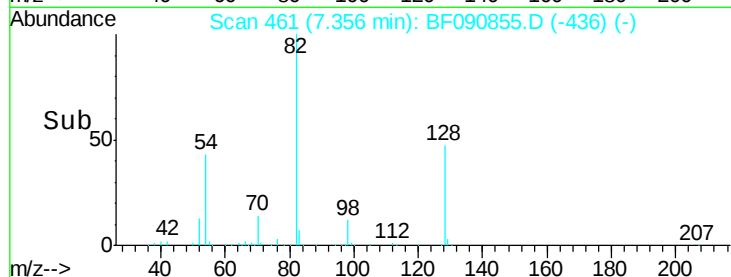
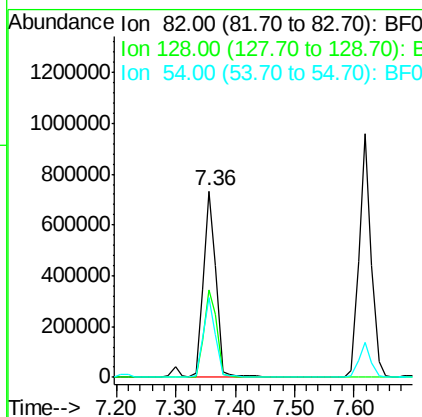
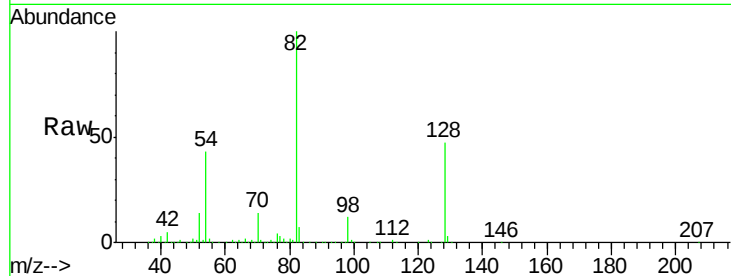
#23
Nitrobenzene-d5
Concen: 91.50 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	82	Resp	1117024
Ion Ratio	100	Lower	Upper
82	100		
128	46.9	51.0	76.6#
54	42.9	47.5	71.3#

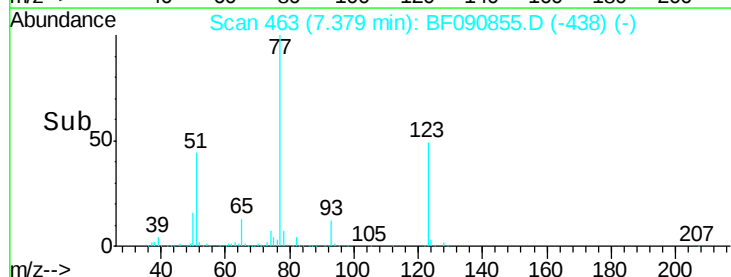
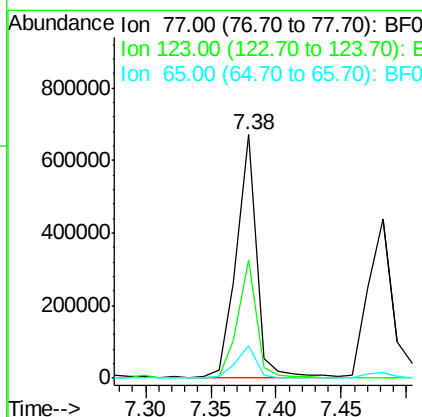
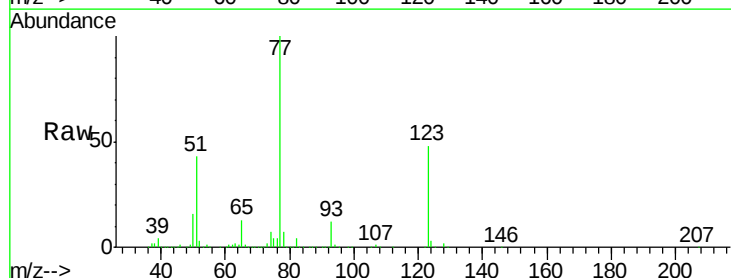
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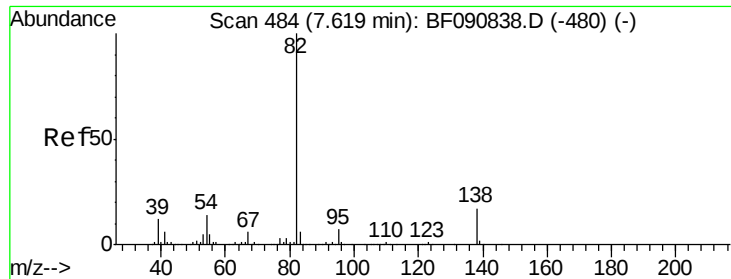
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#24
Nitrobenzene
Concen: 55.18 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	77	Resp	712561
Ion Ratio	100	Lower	Upper
77	100		
123	48.4	59.8	89.8#
65	13.2	10.2	15.4





#25

Isophorone

Concen: 53.88 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion: 82 Resp: 1334858

Ion Ratio Lower Upper

82 100

95 6.5 4.0 6.0#

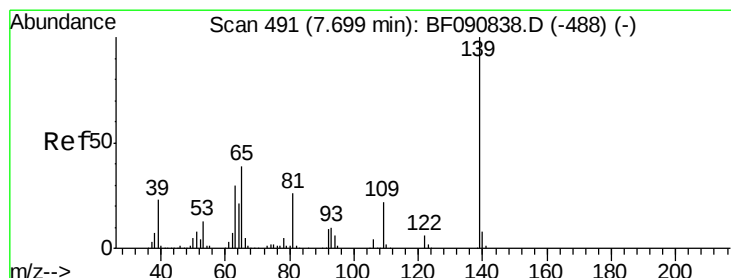
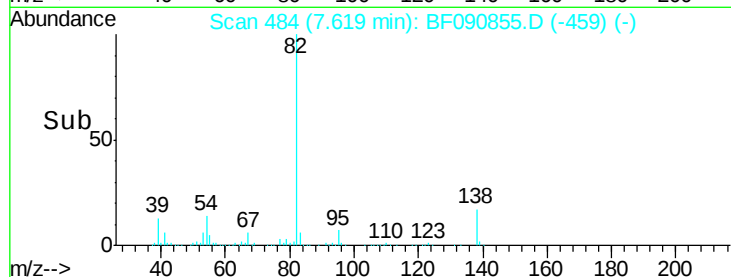
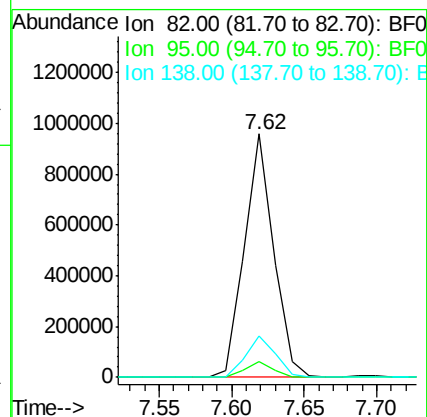
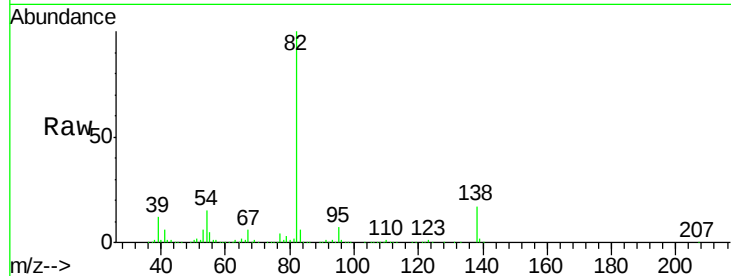
138 16.9 18.3 27.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.05 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

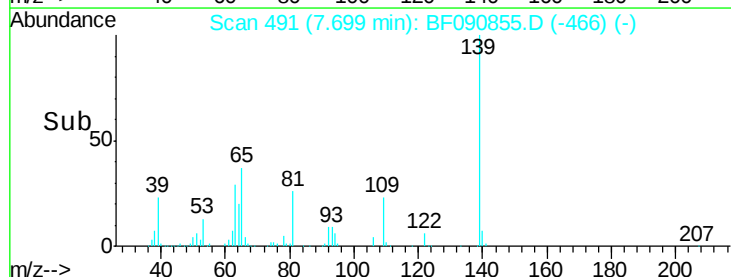
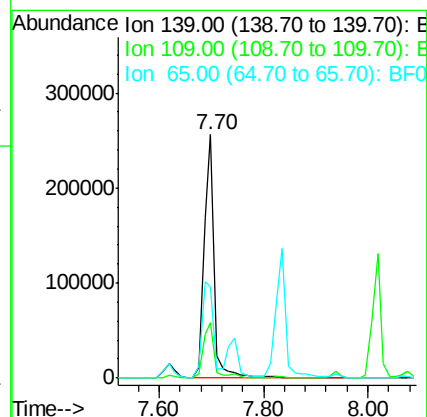
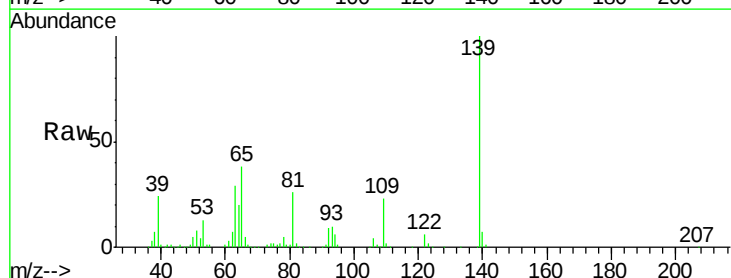
Tgt Ion: 139 Resp: 346253

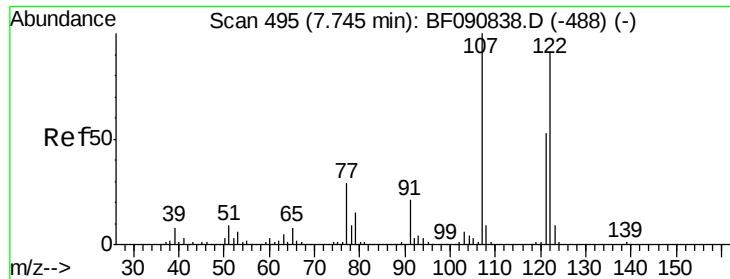
Ion Ratio Lower Upper

139 100

109 22.5 11.0 16.4#

65 37.6 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 53.48 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

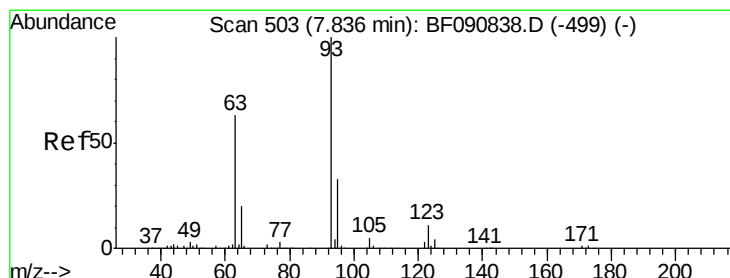
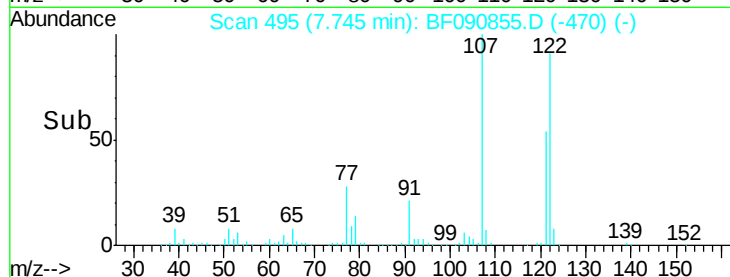
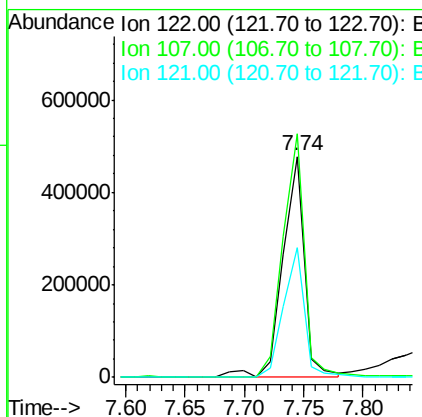
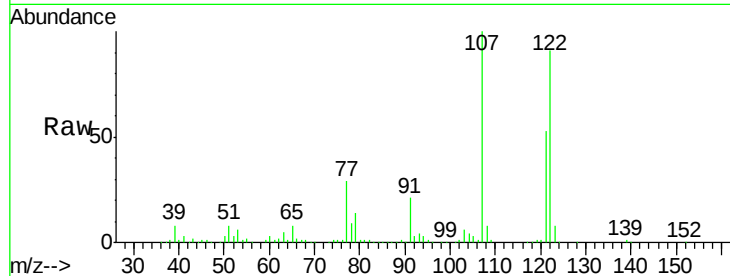
ClientSampleId :

C0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	598927		
107	110.3	71.8	107.6#	
121	58.9	42.3	63.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 58.96 ng

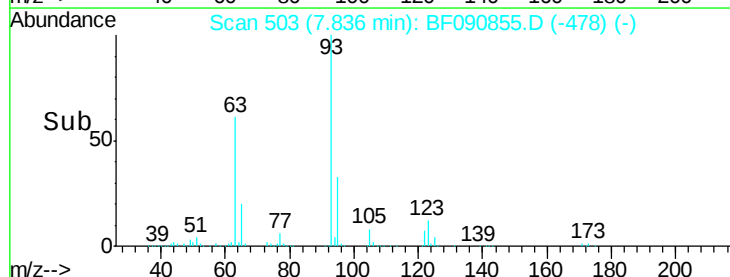
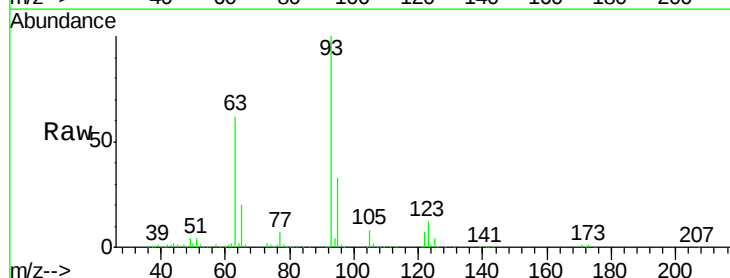
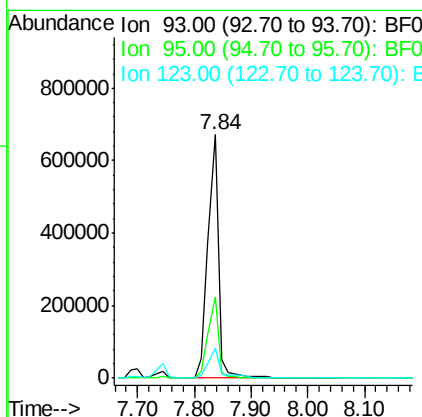
RT: 7.84 min Scan# 503

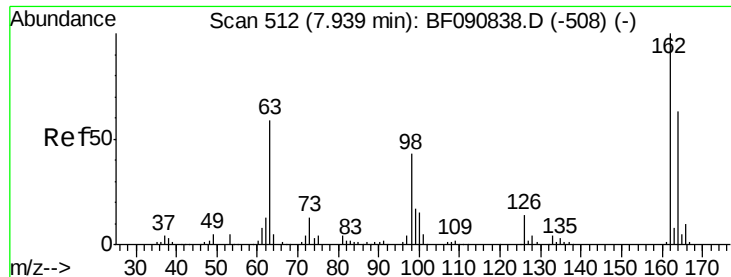
Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	830783		
95	33.1	27.5	41.3	
123	12.2	13.7	20.5#	





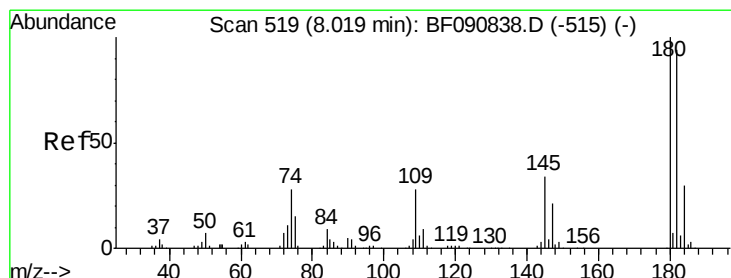
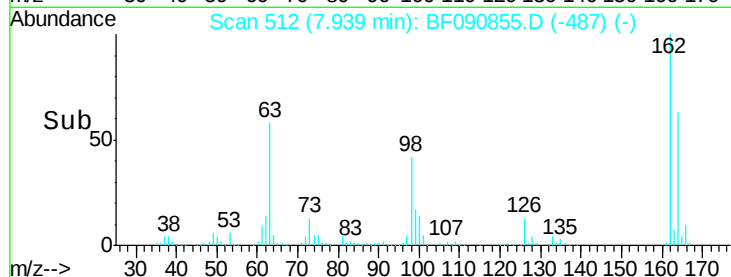
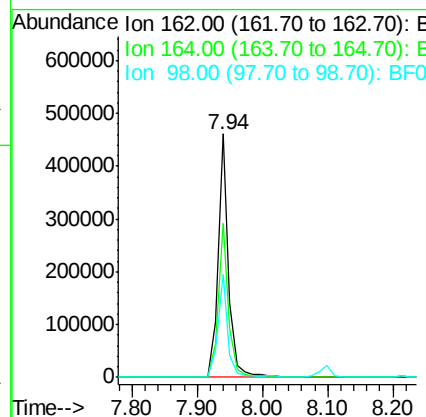
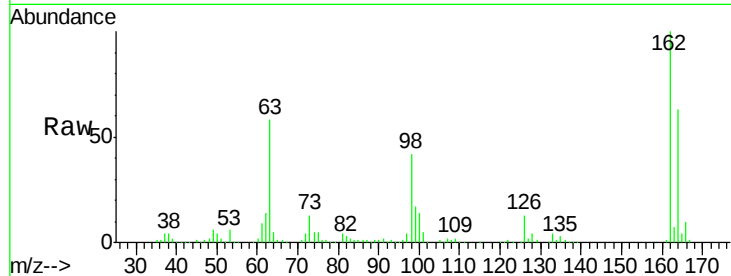
#29
2,4-Dichlorophenol
Concen: 50.73 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	526109		
164	63.2		44.9	84.9
98	42.1		13.0	53.0

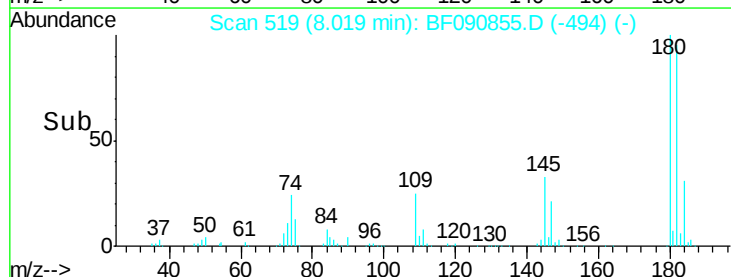
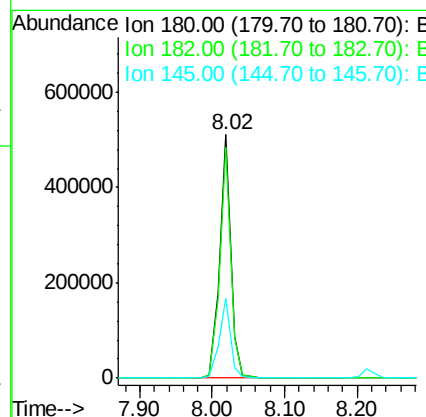
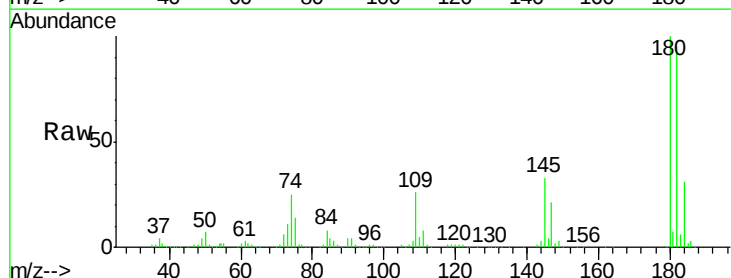
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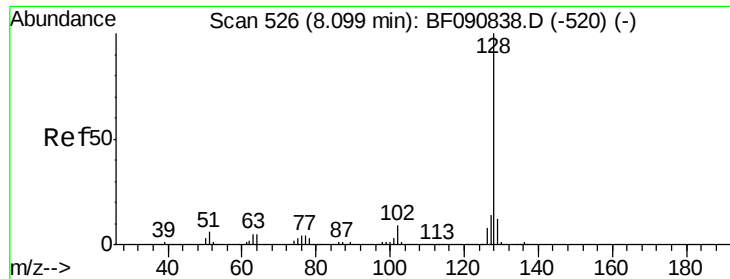
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#30
1,2,4-Trichlorobenzene
Concen: 45.80 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	548855		
182	94.6		77.1	115.7
145	32.6		23.3	34.9





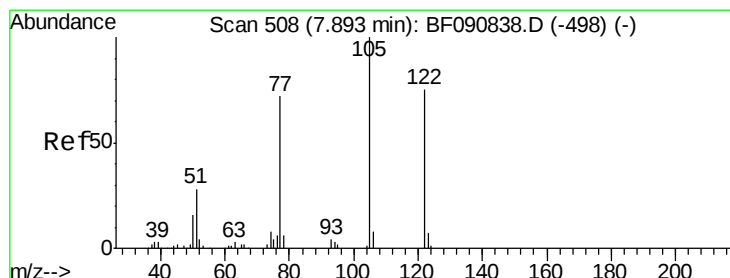
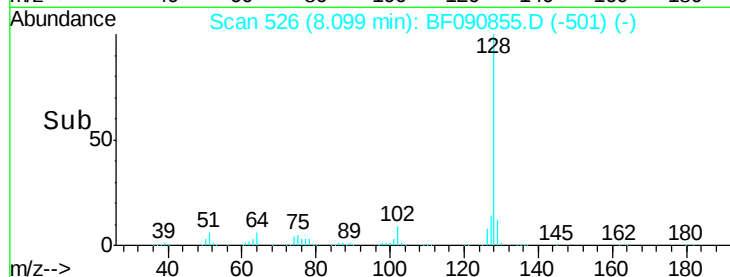
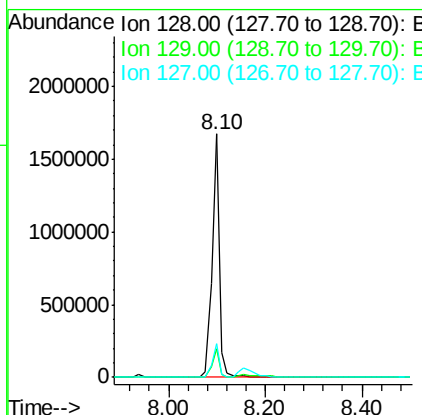
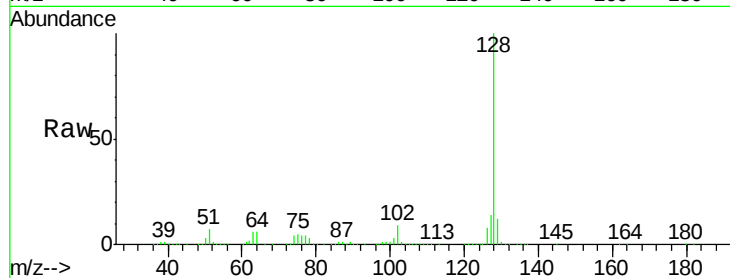
#31
Naphthalene
Concen: 48.34 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.8	9.9	14.9

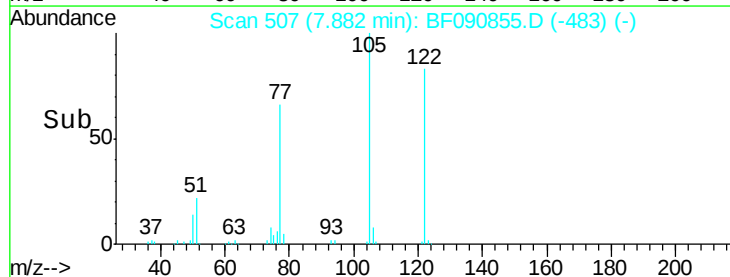
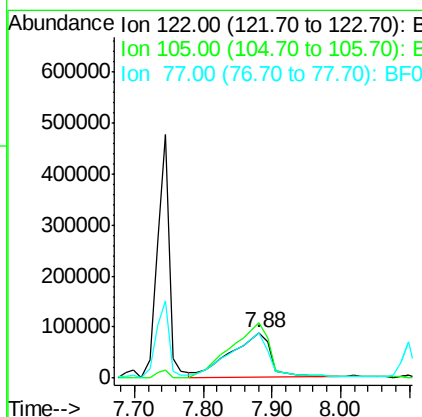
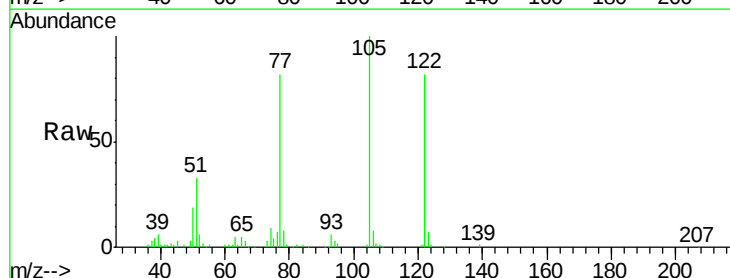
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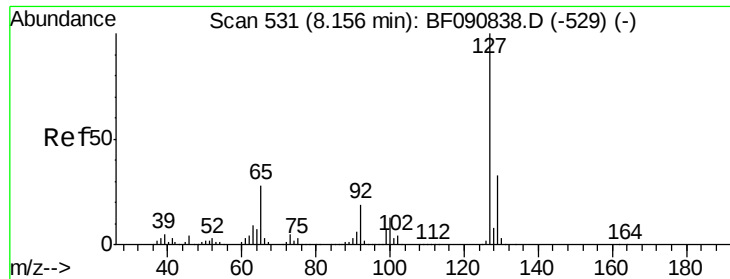
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#32
Benzoic acid
Concen: 43.59 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	76.1	116.1#
77	99.9	40.5	80.5#





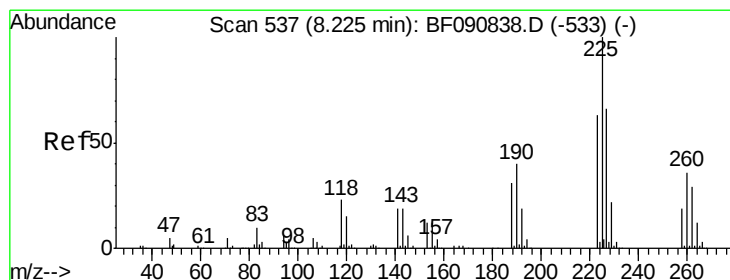
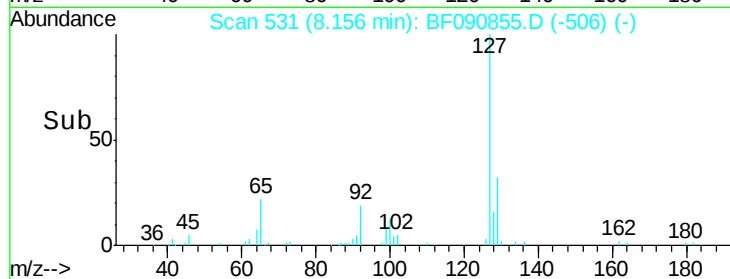
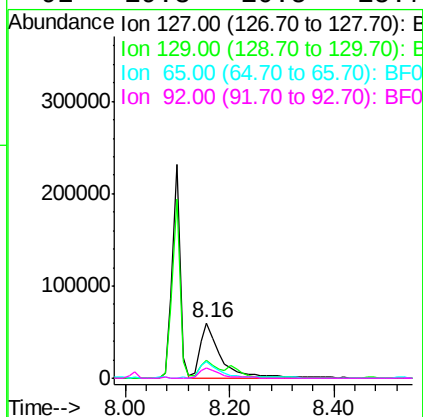
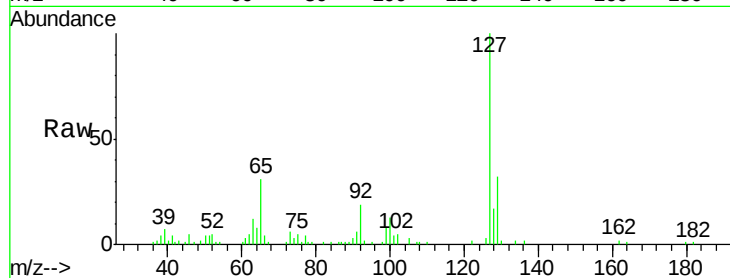
#33
4-Chloroaniline
Concen: 10.71 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.8	38.6		
65	30.8	17.9	26.9		
92	19.3	10.5	15.7		

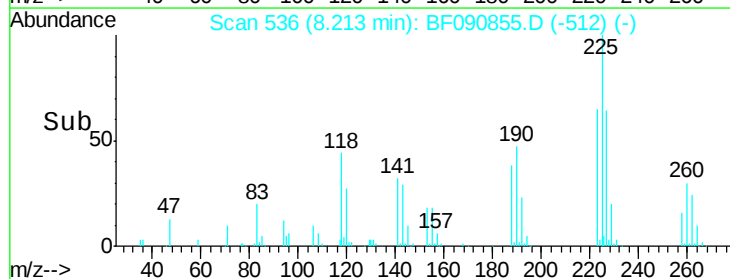
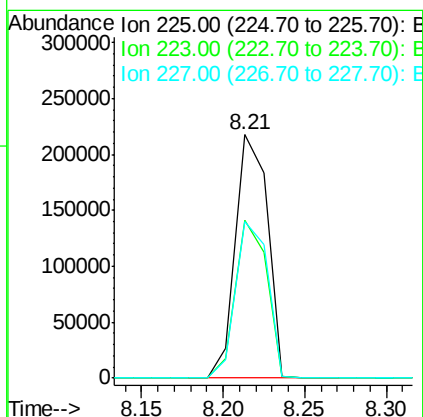
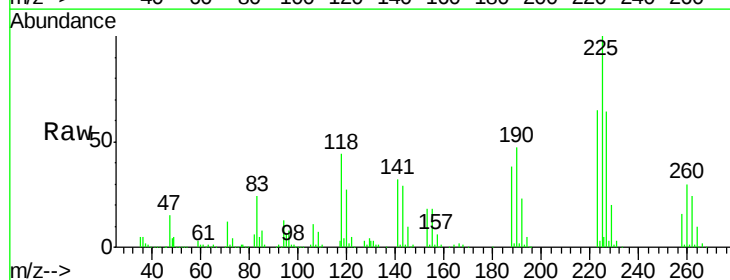
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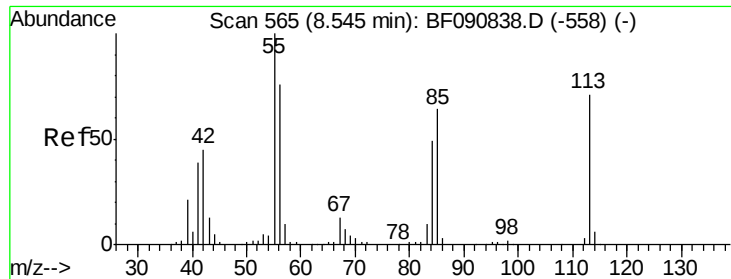
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#34
Hexachlorobutadiene
Concen: 41.83 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	50.2	75.2		
227	64.3	52.2	78.2		





#35

Caprolactam

Concen: 44.82 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

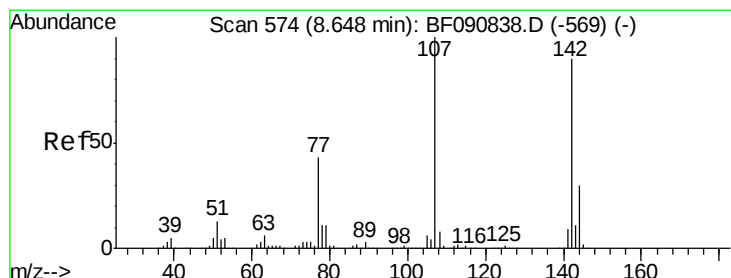
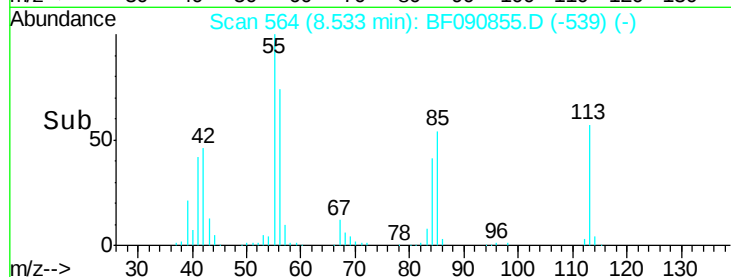
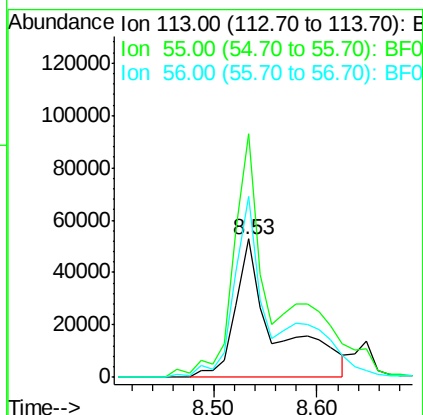
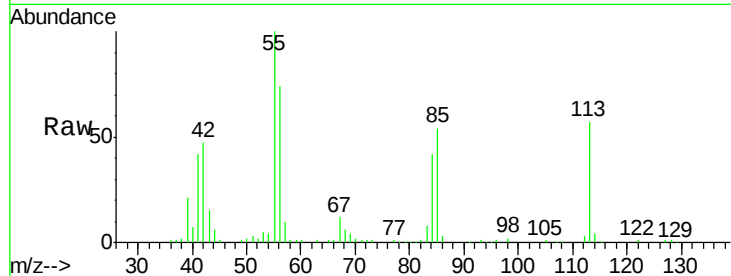
ClientSampleID :

C0AA0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	175.8		152.4	192.4	
56	130.3		104.6	144.6	

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#36

4-Chloro-3-methylphenol

Concen: 50.64 ng/ml

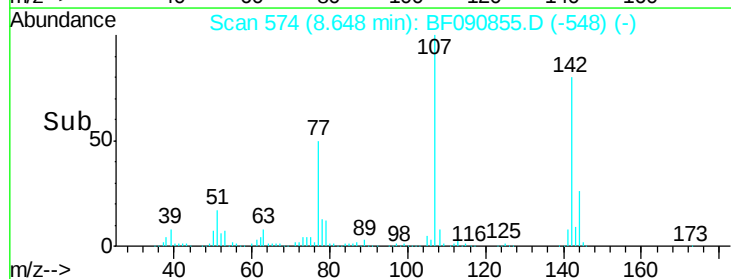
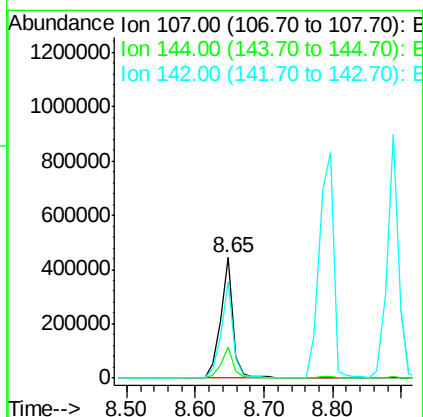
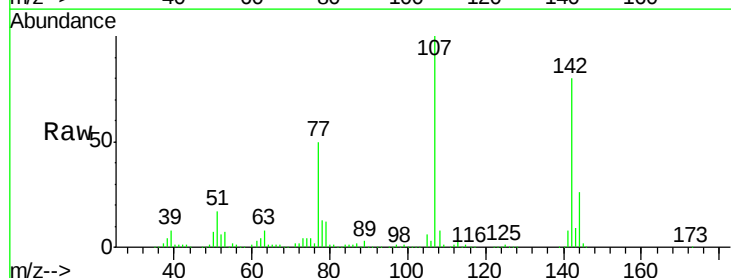
RT: 8.65 min Scan# 574

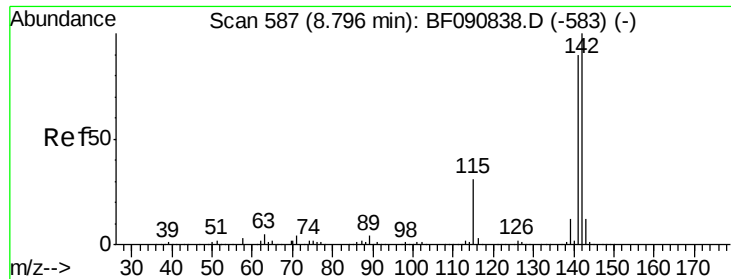
Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2		25.4	38.0	
142	79.8		77.3	115.9	





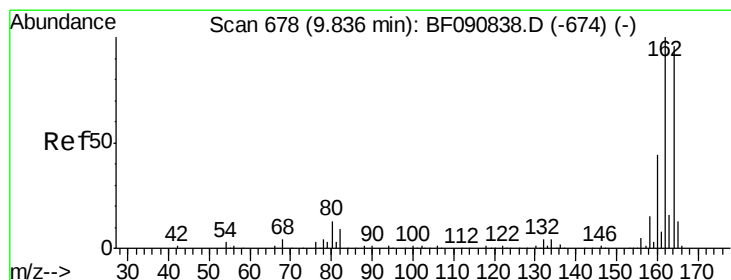
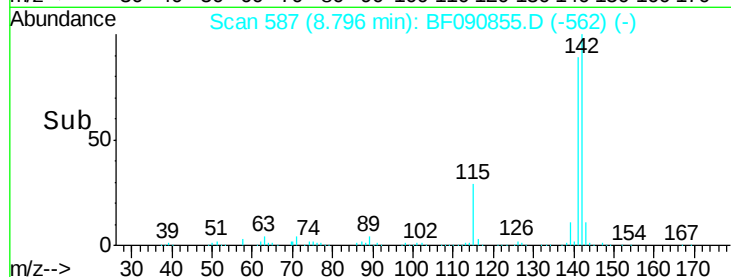
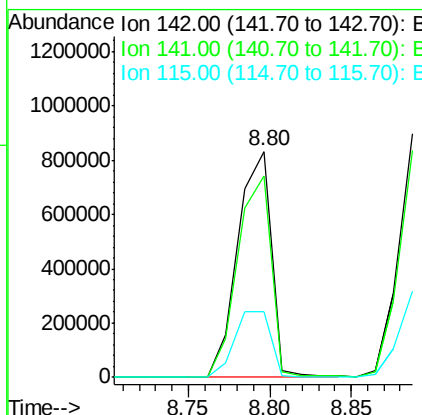
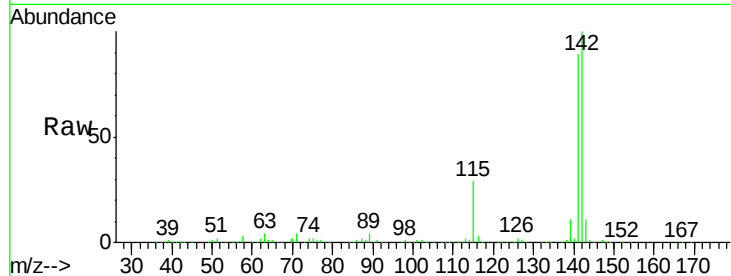
#37
2-Methylnaphthalene
Concen: 49.15 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	29.3	18.2	27.2

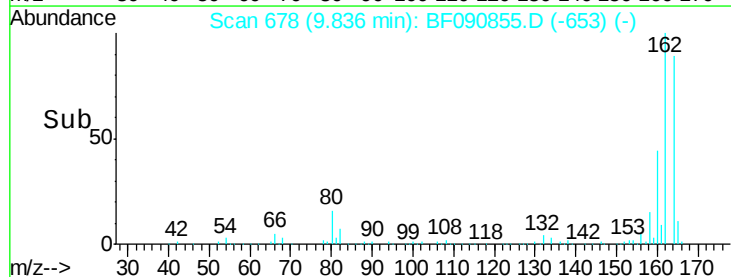
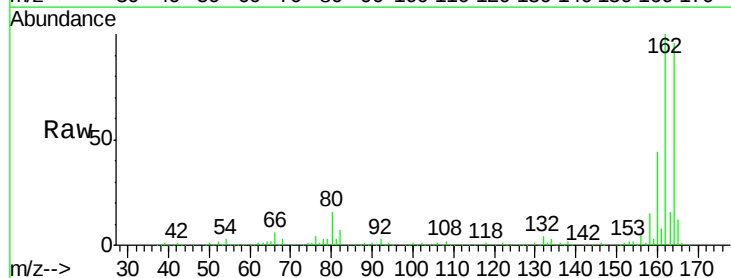
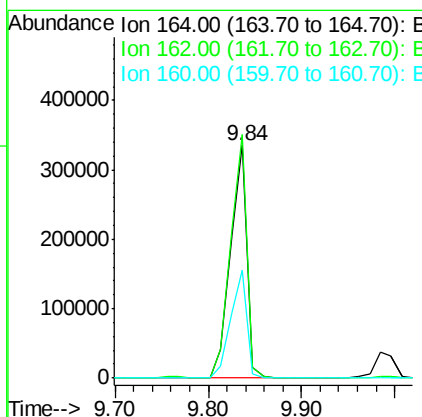
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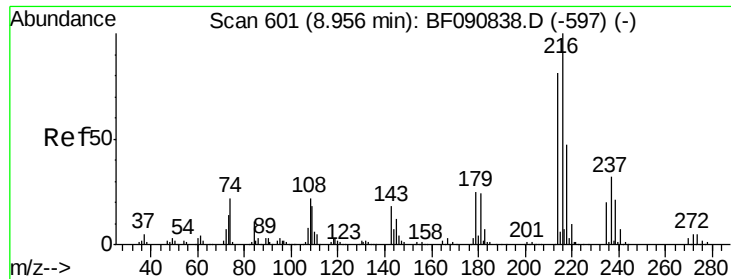
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	75.2	112.8
160	46.2	31.5	47.3





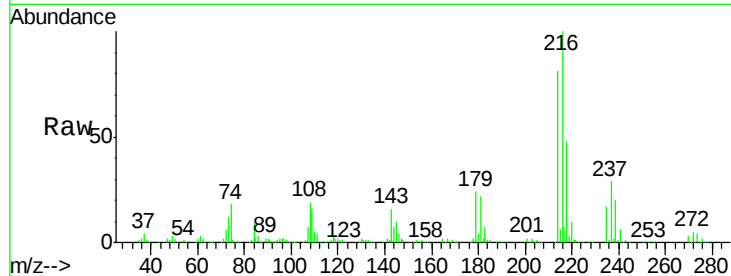
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.72 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

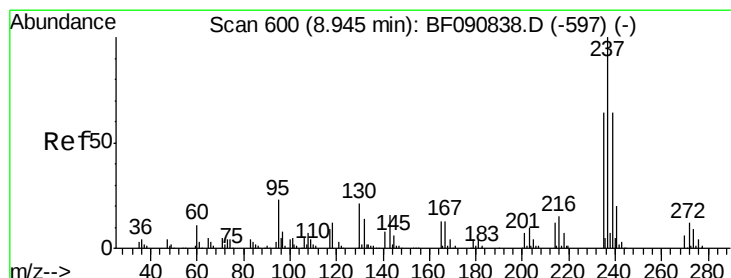
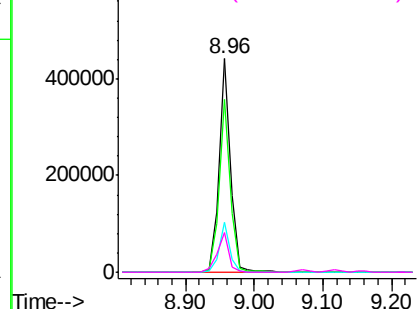
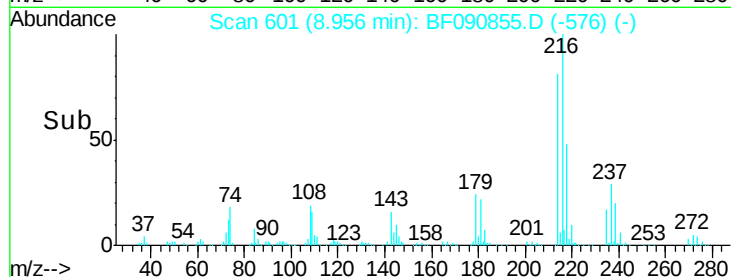
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		520320		
214	79.4		63.5	95.3	
179	21.6		16.6	24.8	
108	18.8		16.3	24.5	

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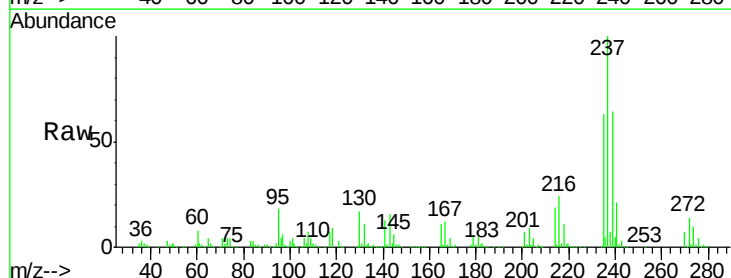


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

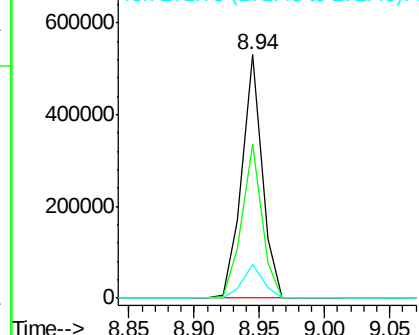
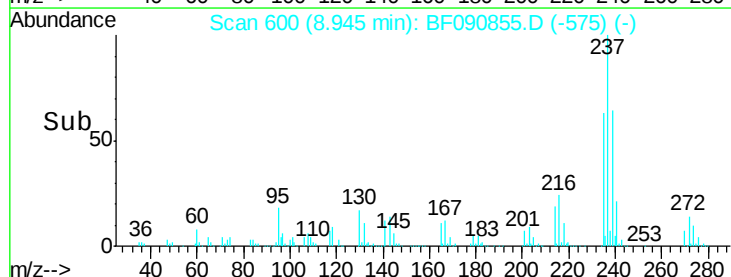


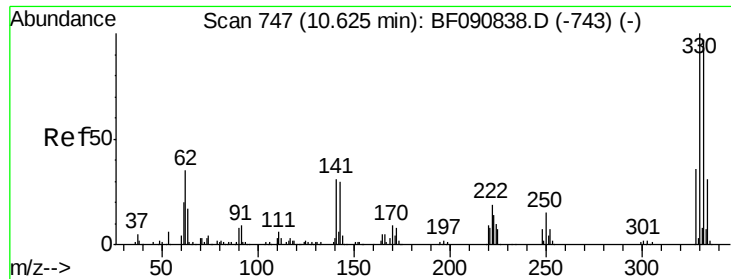
#40
 Hexachlorocyclopentadiene
 Concen: 109.53 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		573436		
235	63.2		42.0	82.0	
272	13.6		0.0	36.1	



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





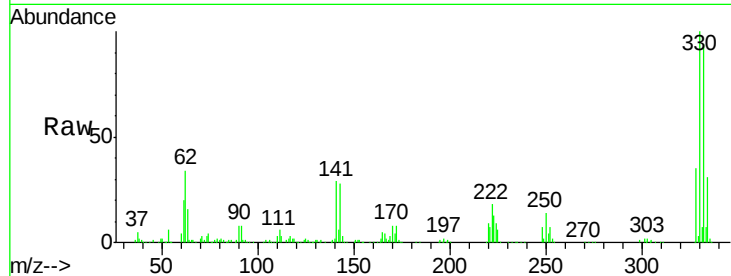
#41
 2,4,6-Tribromophenol
 Concen: 140.88 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

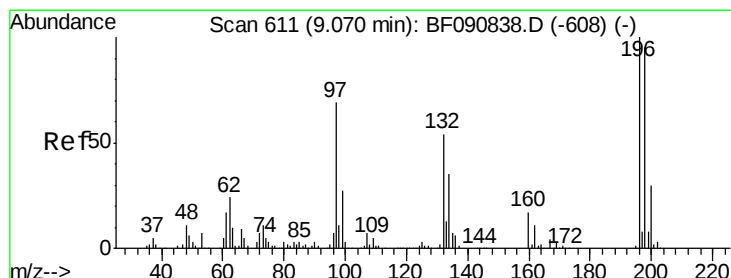
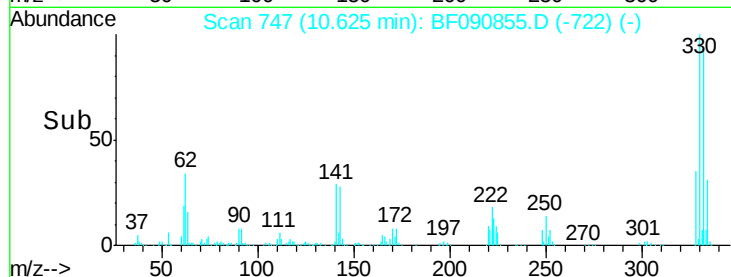
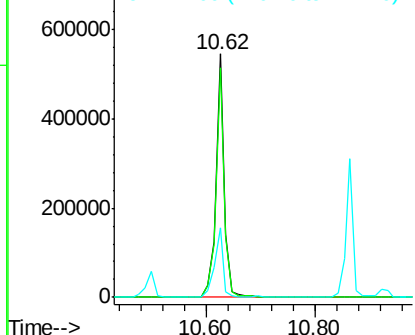
Tot Ion	Ratio	Resp	Lower	Upper
330	100	600578		
332	95.2	76.6	114.8	
141	29.5	29.7	44.5#	

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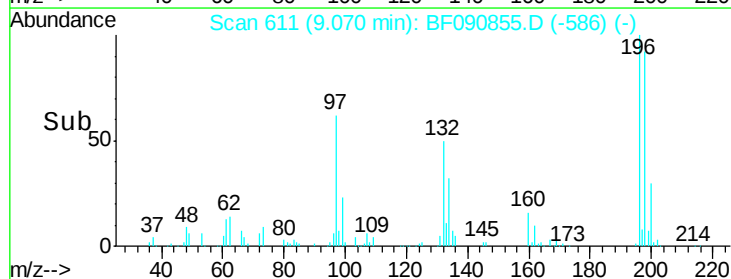
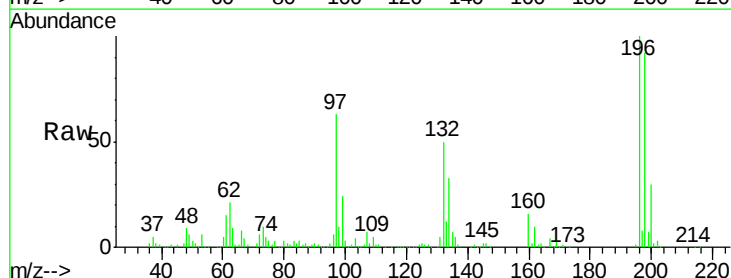
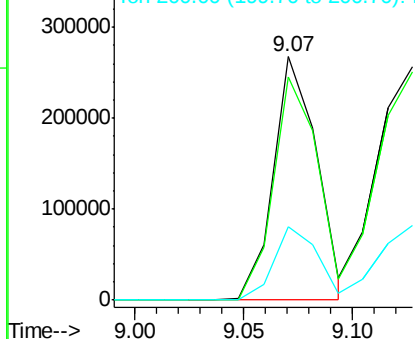
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

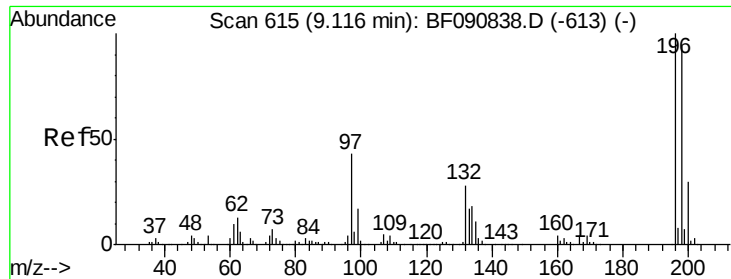


#42
 2,4,6-Trichlorophenol
 Concen: 50.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	372428		
198	91.8	75.7	113.5	
200	30.2	23.9	35.9	

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





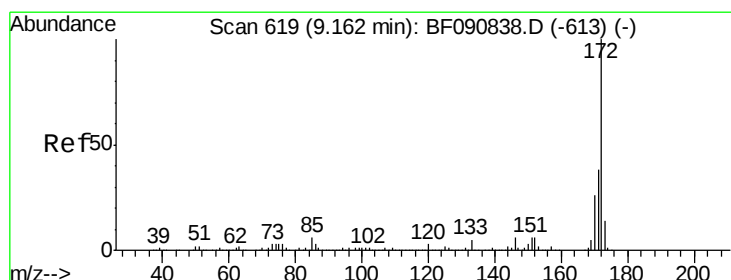
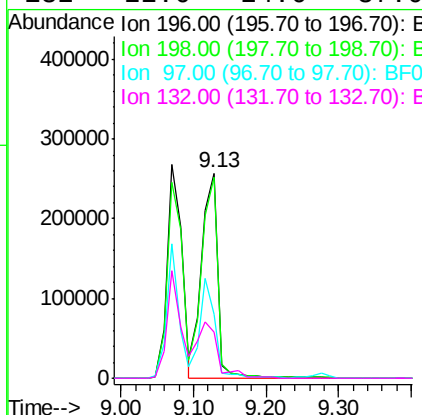
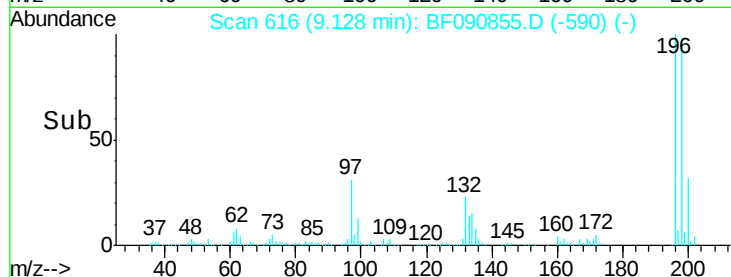
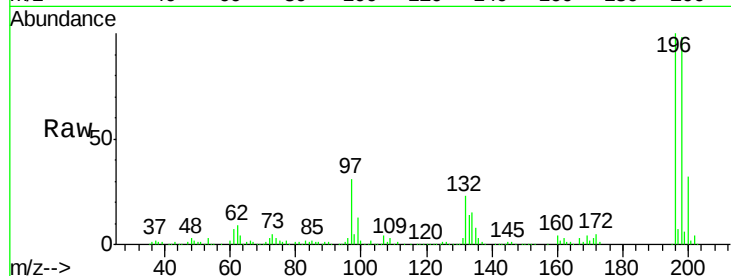
#43
 2,4,5-Trichlorophenol
 Concen: 52.78 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

Tot Ion:	196	Resp:	399408
Ion Ratio	Lower	Upper	
196	100		
198	97.8	75.4	113.0
97	31.2	33.3	49.9#
132	22.6	24.6	37.0#

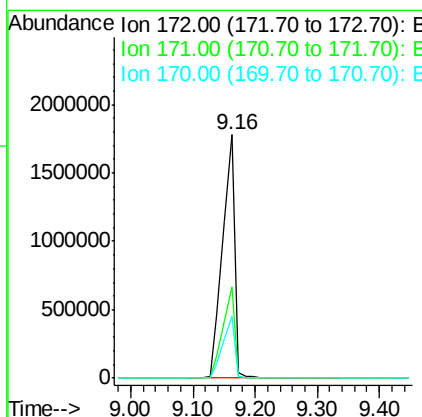
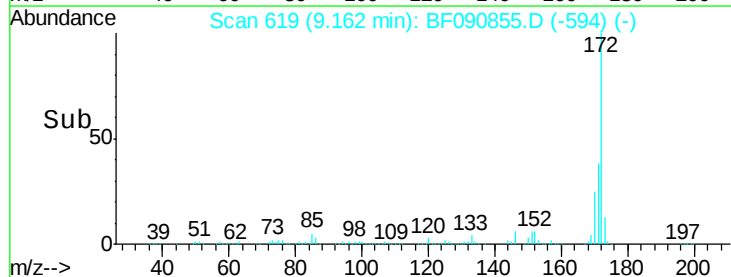
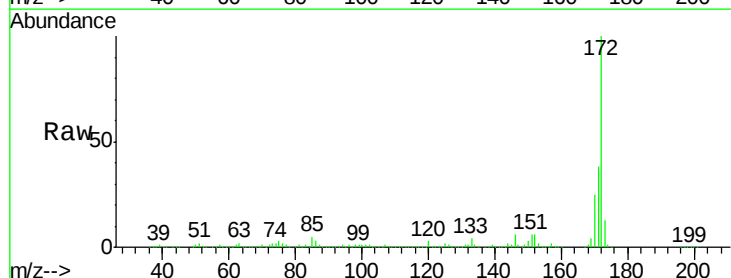
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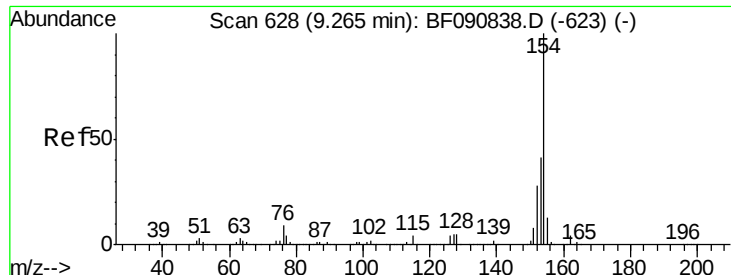
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#44
 2-Fluorobiphenyl
 Concen: 101.49 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion:	172	Resp:	2397509
Ion Ratio	Lower	Upper	
172	100		
171	37.5	26.1	39.1
170	25.3	17.4	26.2





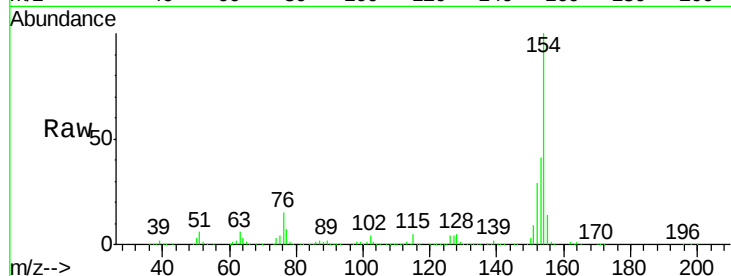
#45
 1,1'-Biphenyl
 Concen: 44.75 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

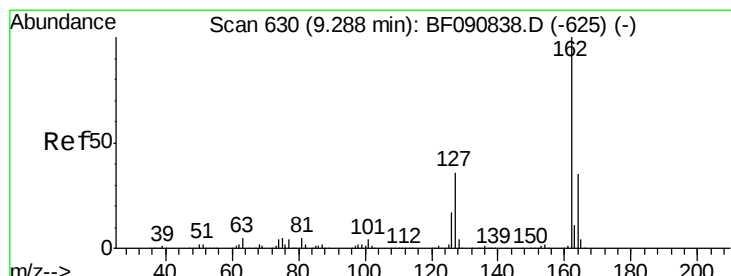
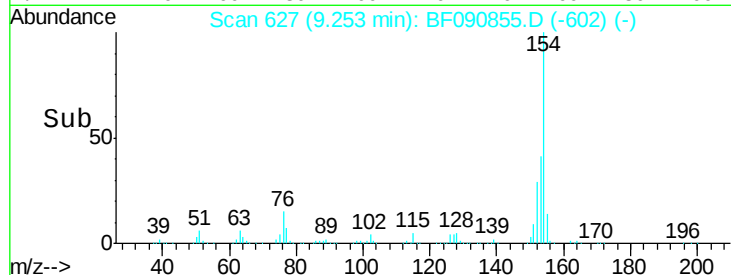
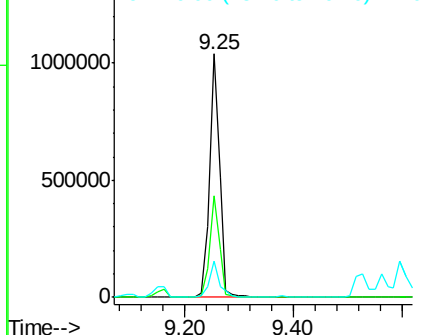
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	17.1	57.1
76	14.8	0.0	31.6

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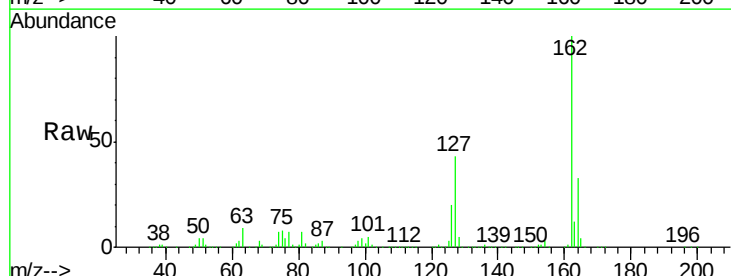


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

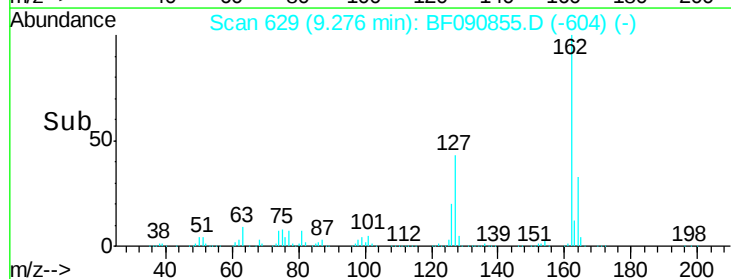
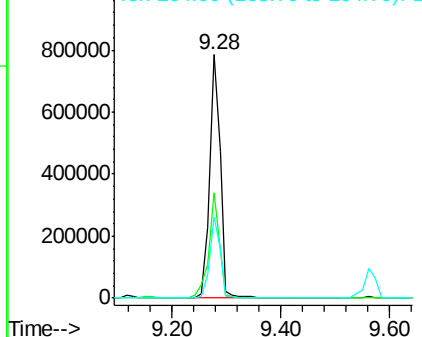


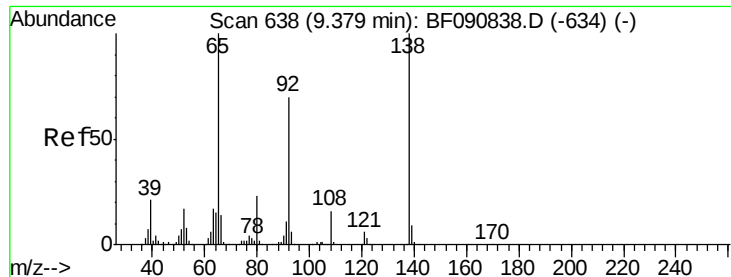
#46
 2-Chloronaphthalene
 Concen: 47.37 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	27.6	41.4#
164	33.4	25.4	38.2



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





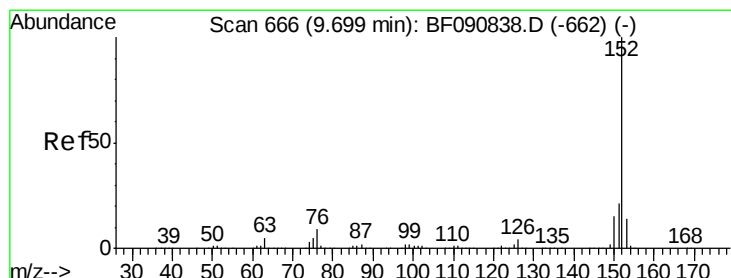
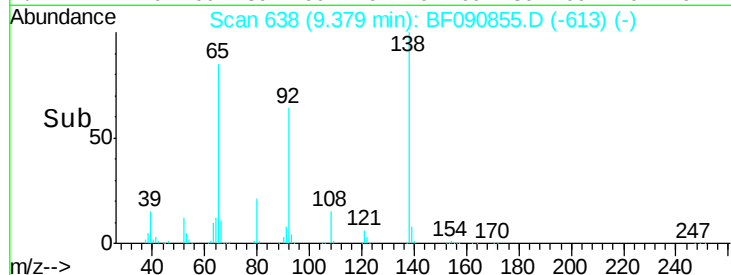
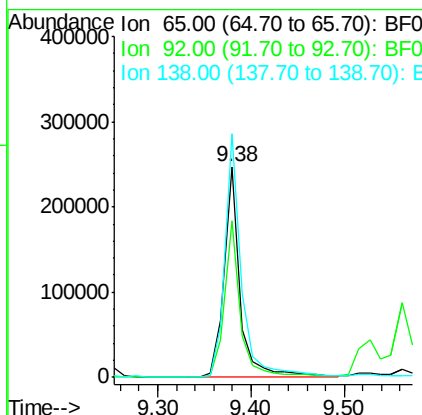
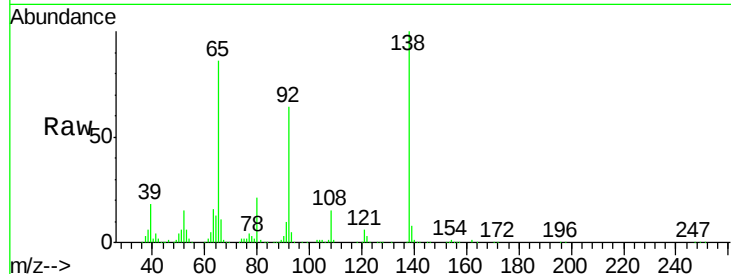
#47
2-Nitroaniline
Concen: 46.35 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.2	55.4	83.0
138	115.7	115.5	173.3

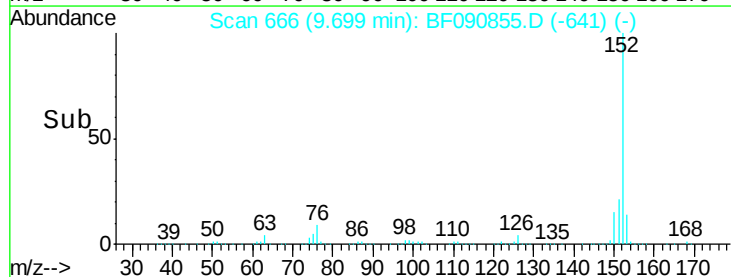
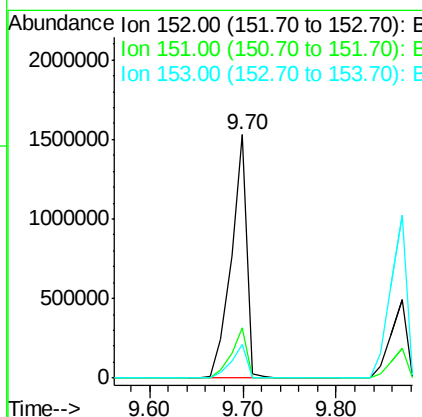
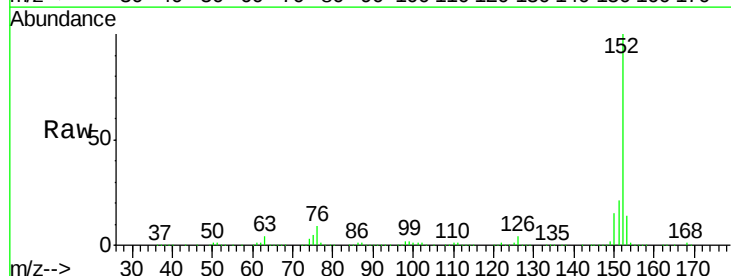
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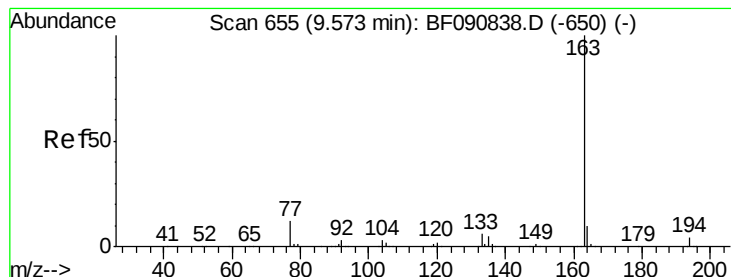
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#48
Acenaphthylene
Concen: 51.73 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	14.6	22.0
153	13.7	10.3	15.5





#49

Dimethylphthalate

Concen: 48.66 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampled :

C0AA0MSD

Tot Ion:163 Resp: 1348694

Ion Ratio Lower Upper

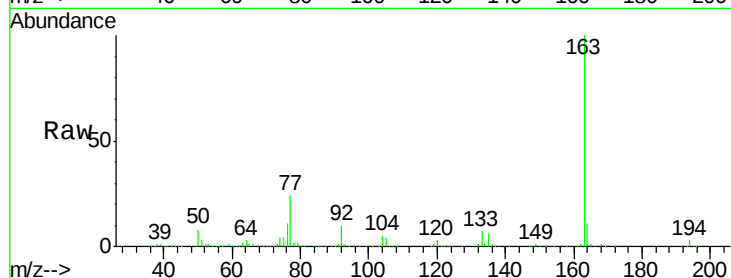
163 100

194 3.4 4.4 6.6#

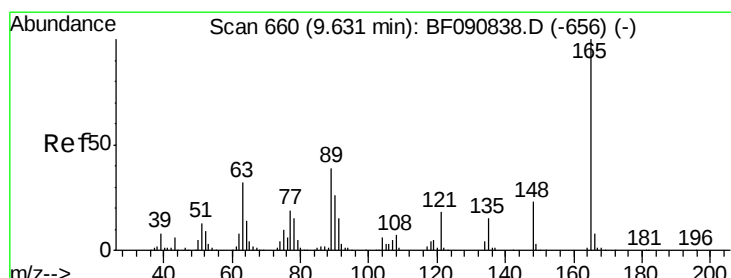
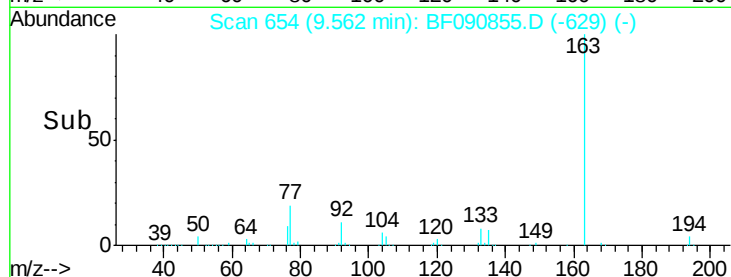
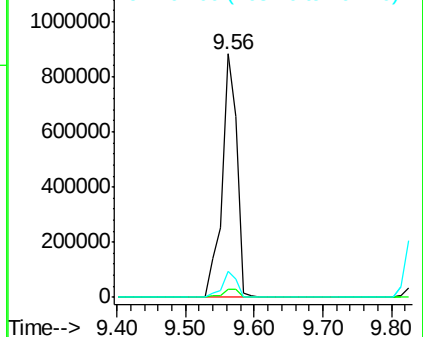
164 10.9 8.3 12.5

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



#50

2,6-Dinitrotoluene

Concen: 52.46 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

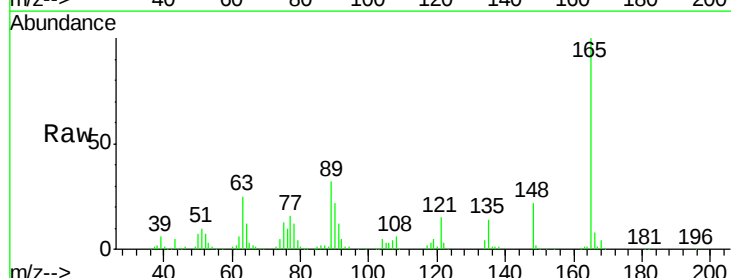
Tgt Ion:165 Resp: 321135

Ion Ratio Lower Upper

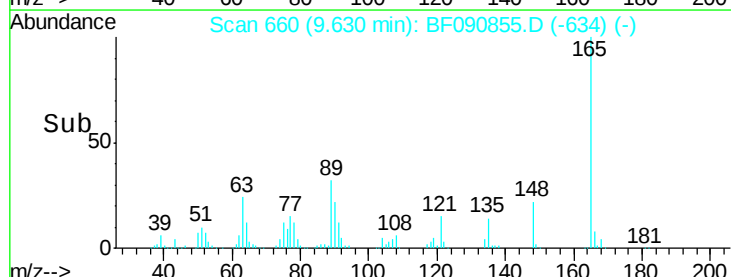
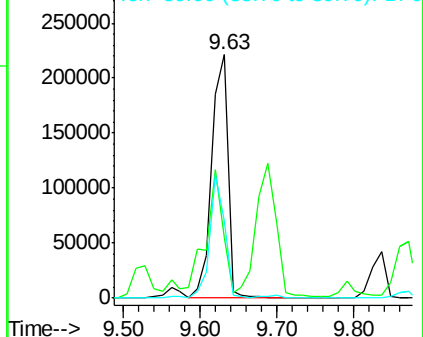
165 100

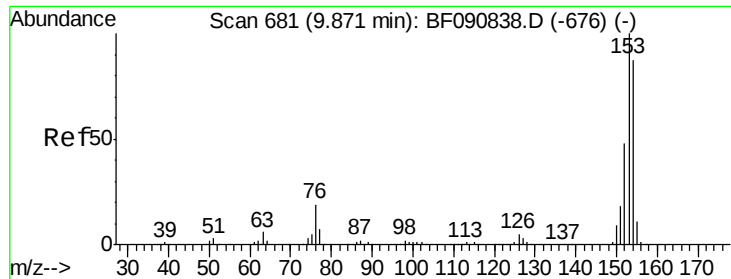
63 24.9 32.3 48.5#

89 31.5 28.6 43.0



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: 47.74 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion:154 Resp: 1131670

Ion Ratio Lower Upper

154 100

153 113.7 82.1 123.1

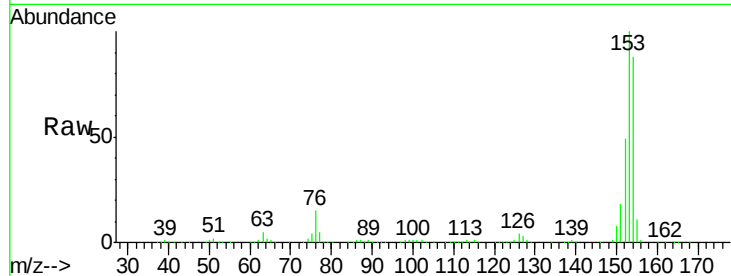
152 55.2 37.9 56.9

Manual Integrations

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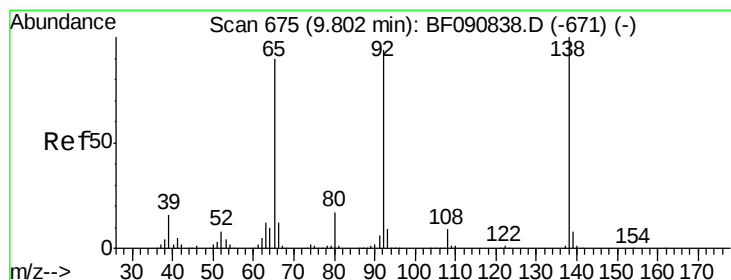
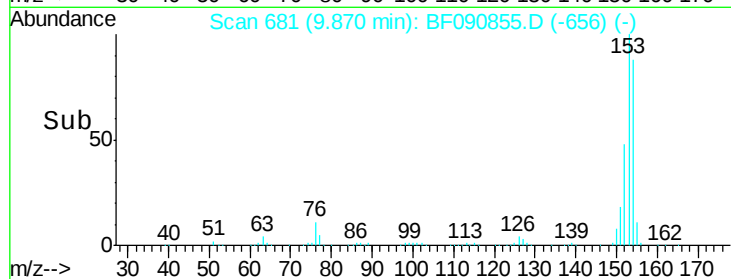
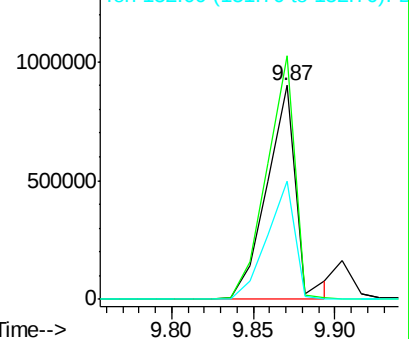
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.88 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

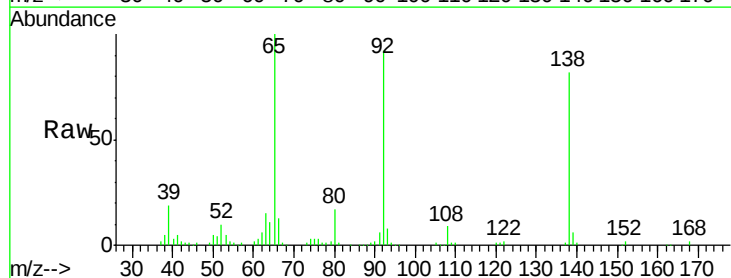
Tgt Ion:138 Resp: 123041

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

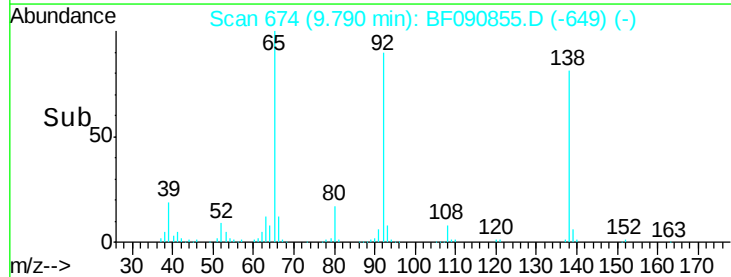
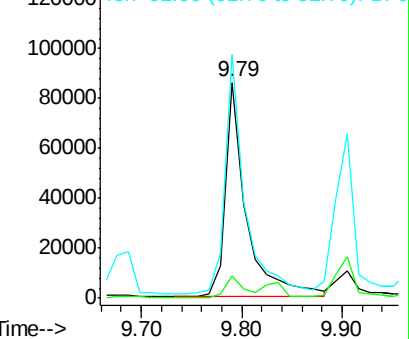
92 112.8 67.7 101.5#

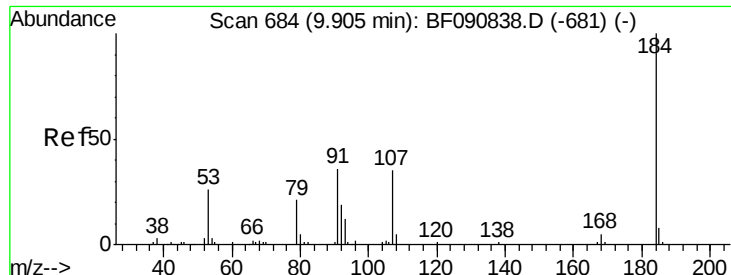


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





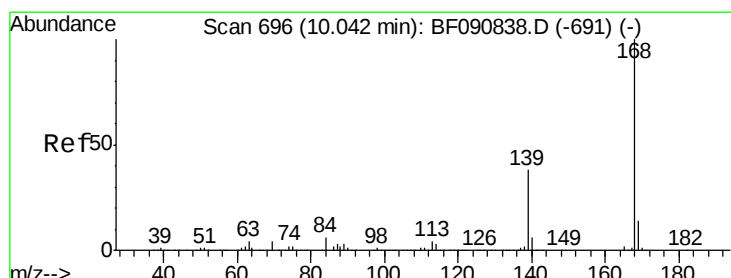
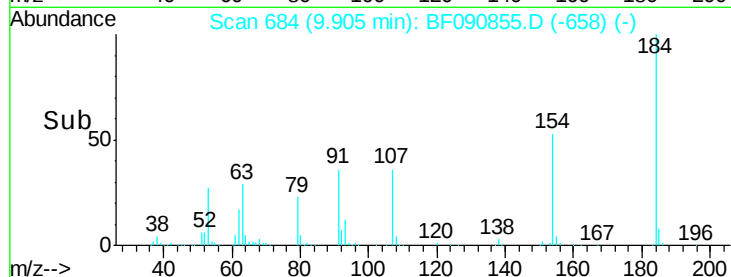
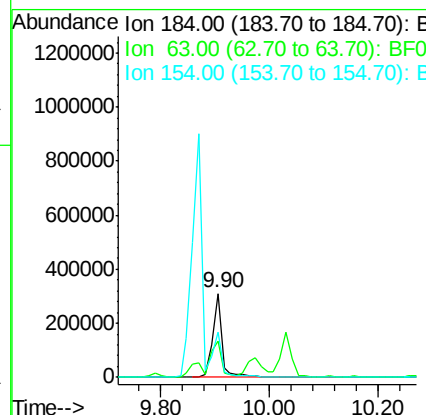
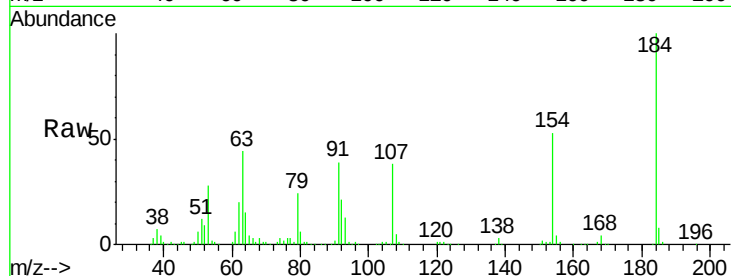
#53
2,4-Dinitrophenol
Concen: 115.44 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	371991		
63	43.6	35.4	53.2	
154	53.2	32.2	48.4	

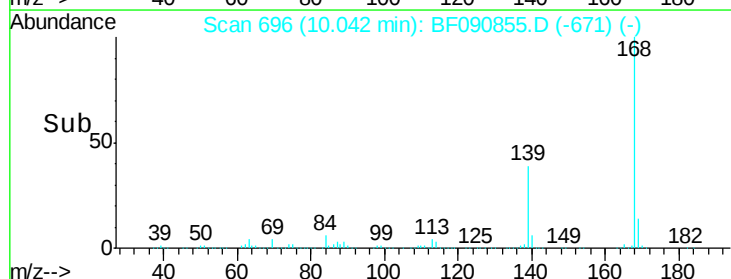
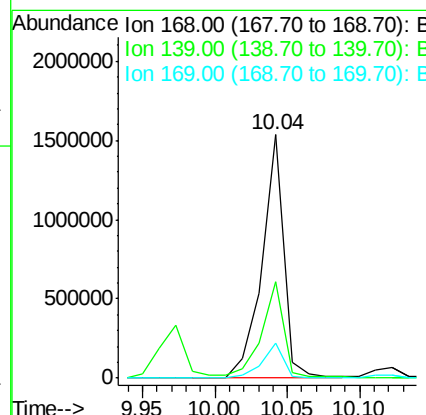
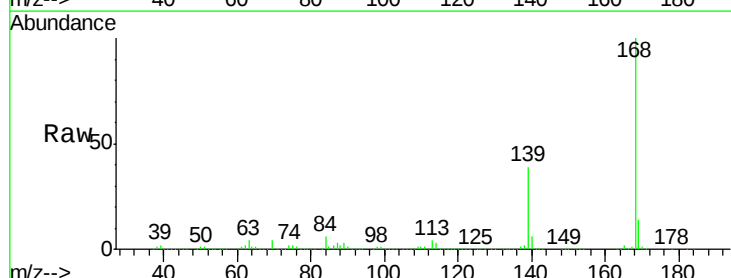
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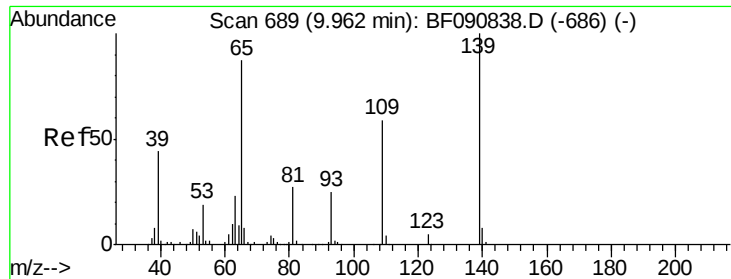
sohil
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#54
Dibenzofuran
Concen: 52.41 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1603163		
139	39.4	24.2	36.2	
169	14.2	10.6	15.8	





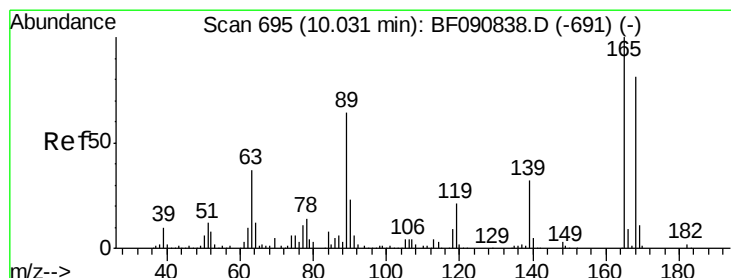
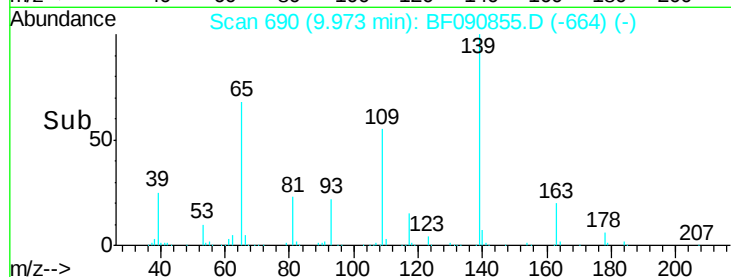
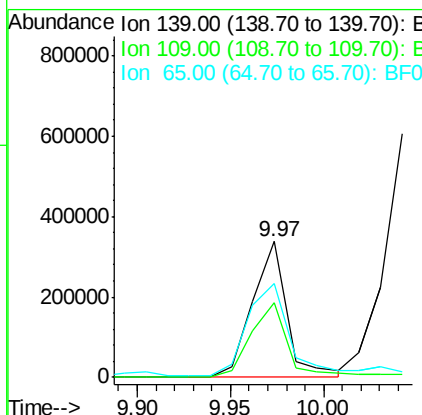
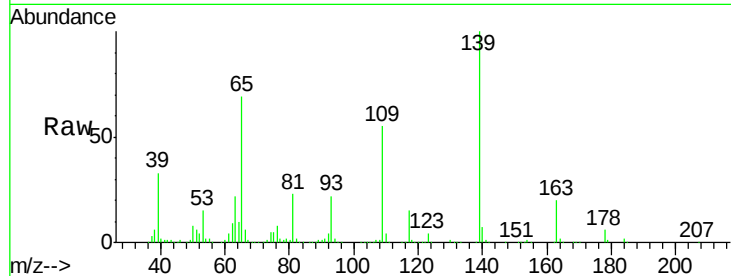
#55
4-Nitrophenol
Concen: 109.59 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	435511		
109	55.1	12.7	52.7#	
65	69.3	45.9	85.9	

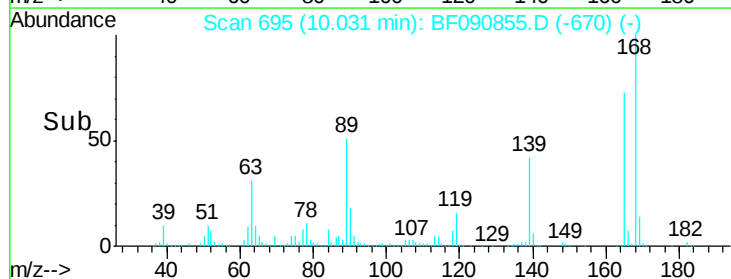
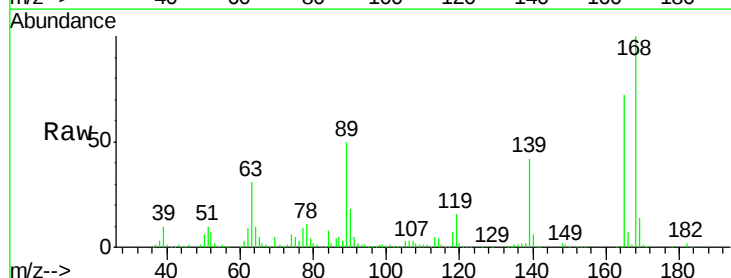
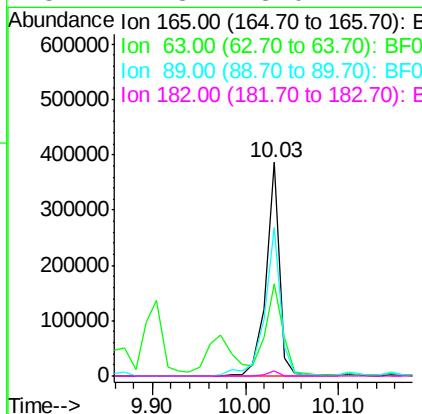
Manual Integrations
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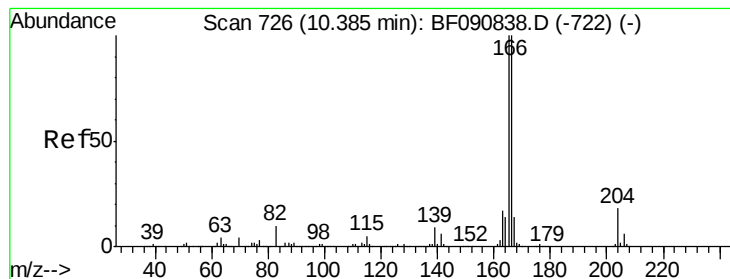
sohil
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#56
2,4-Dinitrotoluene
Concen: 52.50 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	399230		
63	43.4	29.8	44.6	
89	69.7	44.5	66.7#	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 51.18 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion:166 Resp: 1282269

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

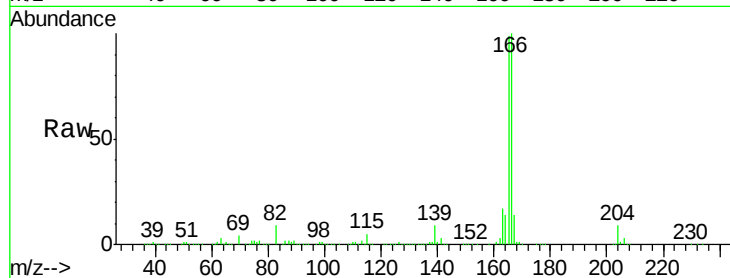
167 13.8 10.6 16.0

Manual Integrations

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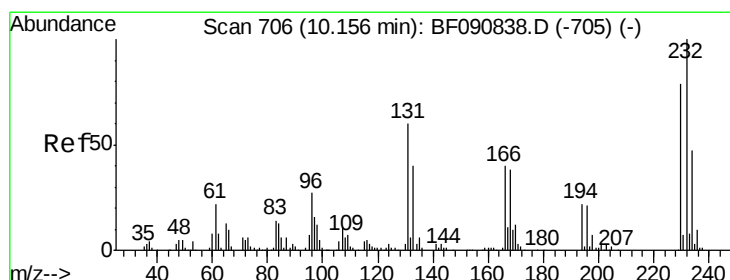
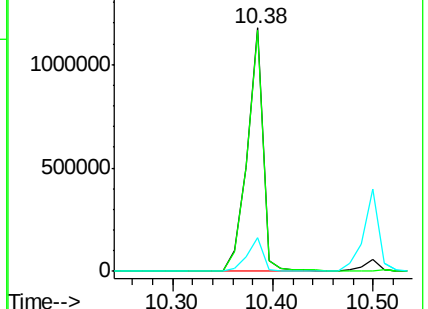
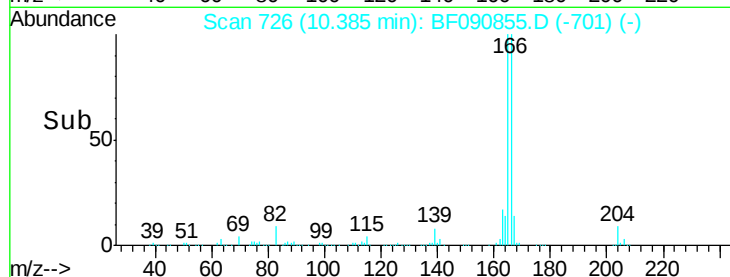
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 47.12 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion:232 Resp: 318413

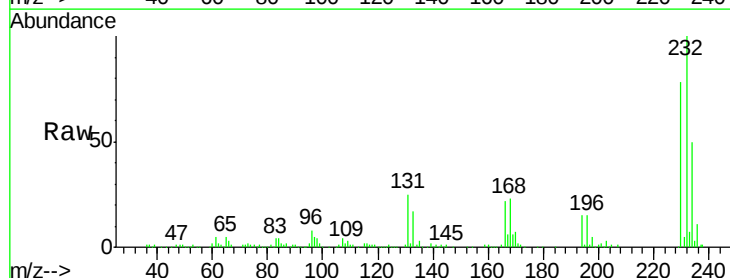
Ion Ratio Lower Upper

232 100

131 45.9 38.5 57.7

130 2.1 1.8 2.6

166 31.8 25.0 37.6

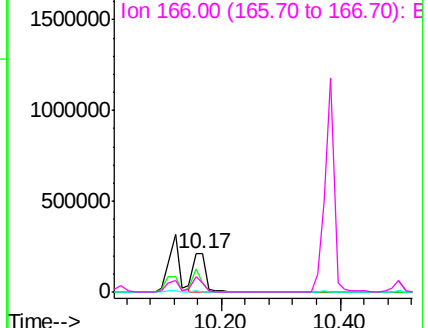
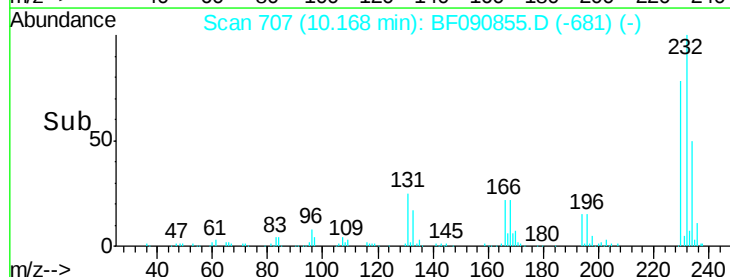


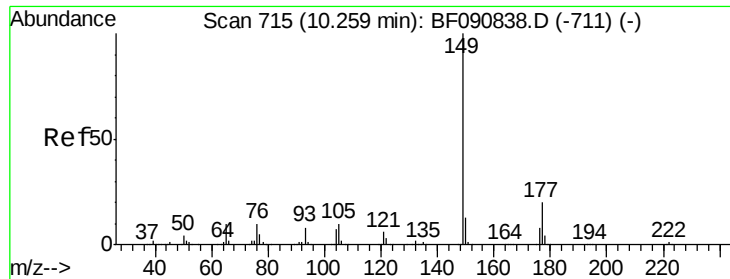
Abundance Ion 232.00 (231.70 to 232.70): E

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





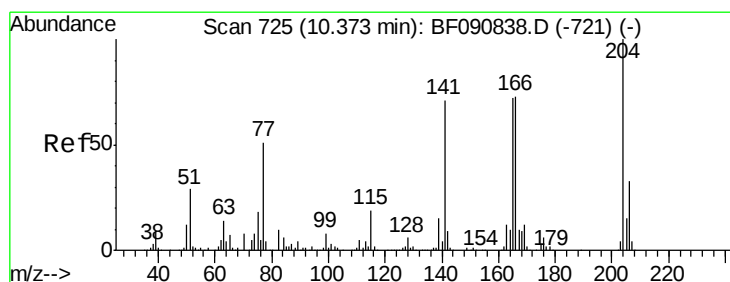
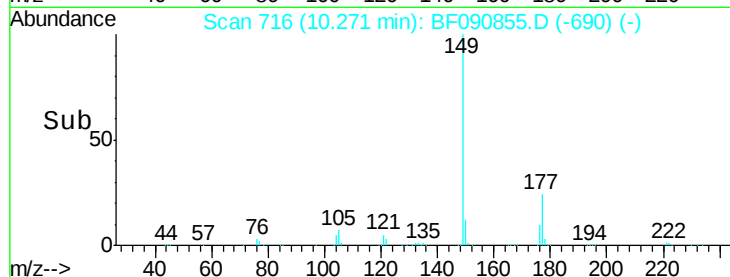
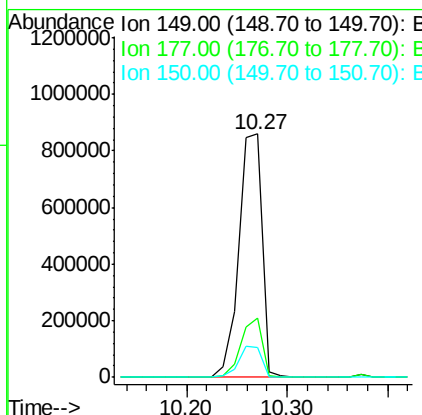
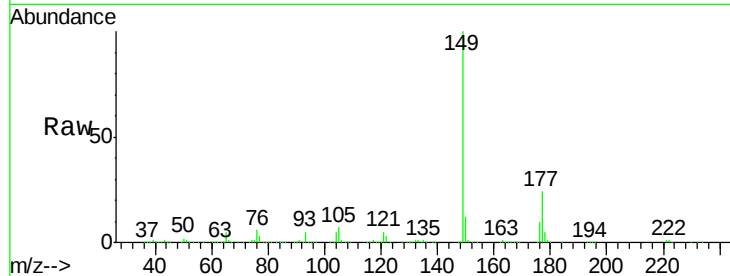
#59
Diethylphthalate
Concen: 50.21 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampled :
C0AA0MSD

Tot Ion:149 Resp: 1382222
Ion Ratio Lower Upper
149 100
177 24.3 17.5 26.3
150 12.2 9.4 14.2

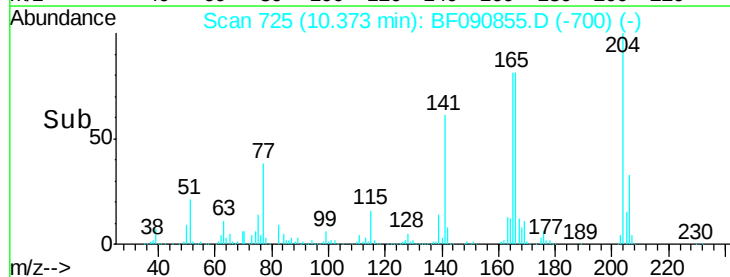
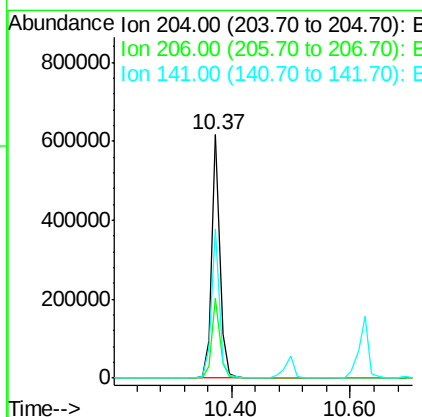
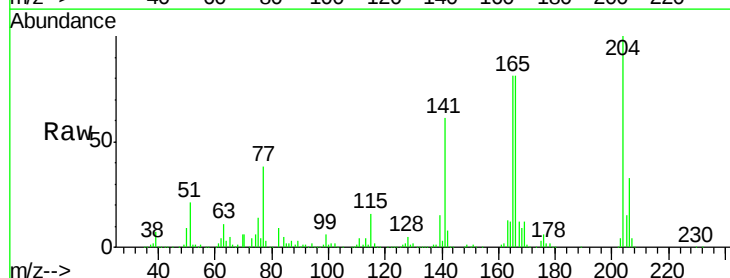
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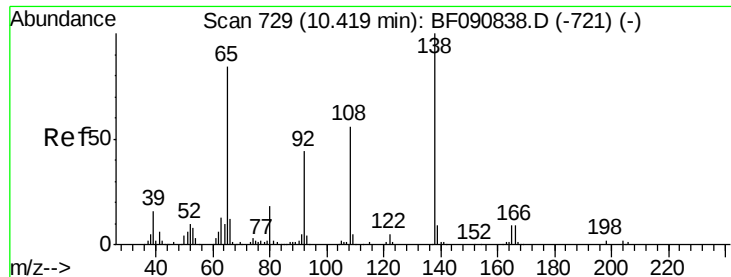
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.04 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion:204 Resp: 587554
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 61.3 42.2 63.4





#61

4-Nitroaniline

Concen: 44.32 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion:138 Resp: 286055
Ion Ratio Lower Upper

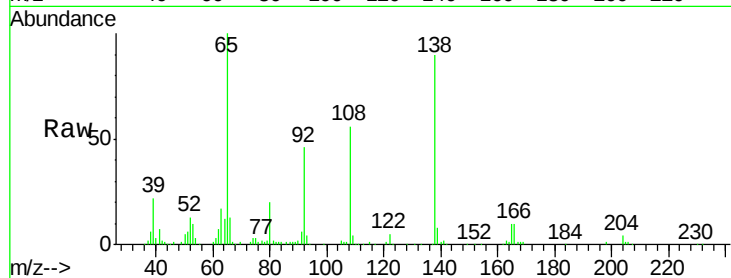
138 100

92 51.3 12.6 52.6

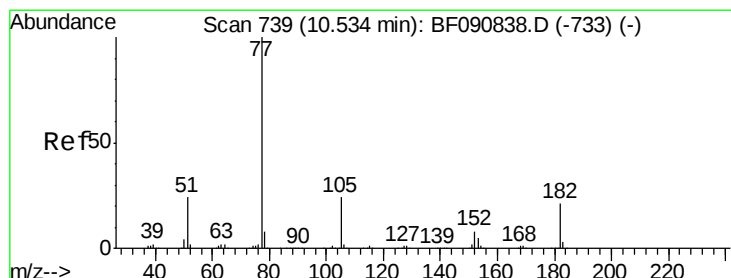
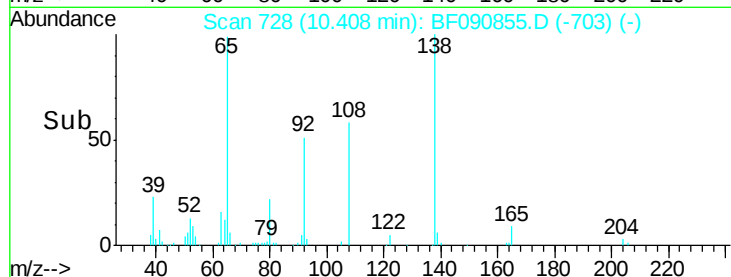
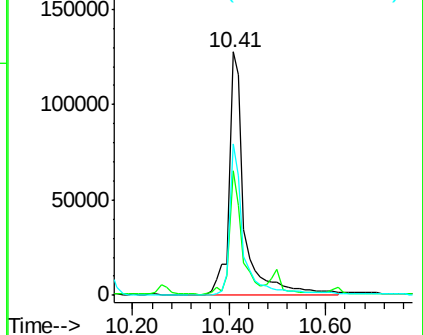
108 62.3 12.4 52.4#

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



#62

Azobenzene

Concen: 46.33 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion: 77 Resp: 1254288
Ion Ratio Lower Upper

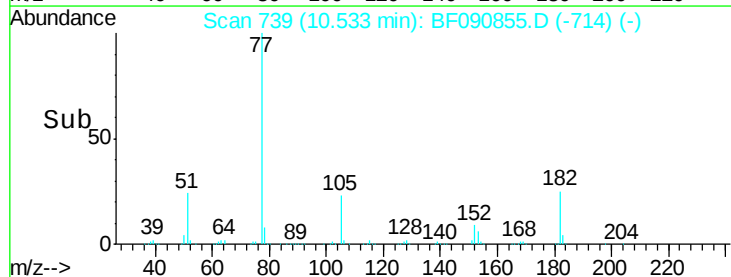
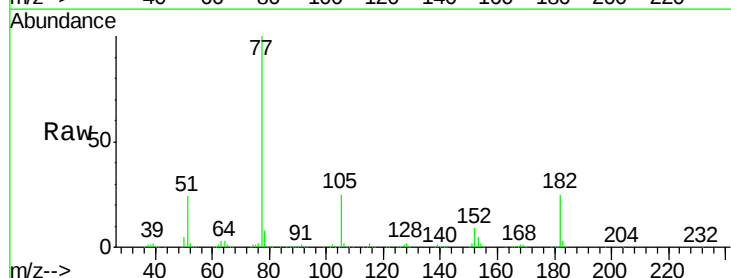
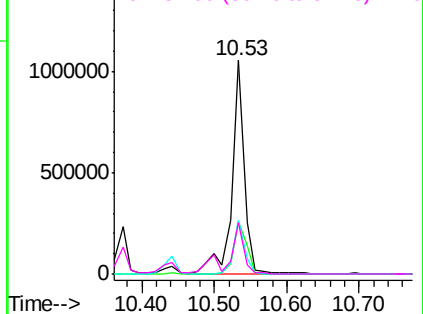
77 100

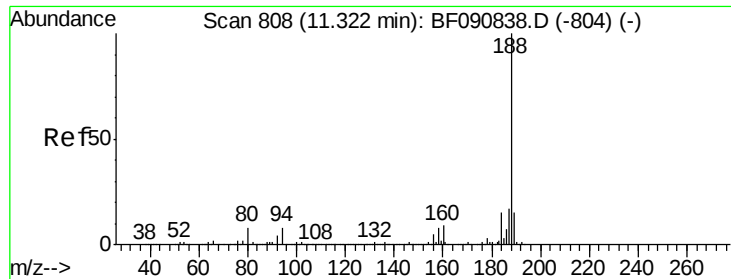
182 24.7 15.1 55.1

105 25.2 3.4 43.4

51 24.2 12.0 52.0

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

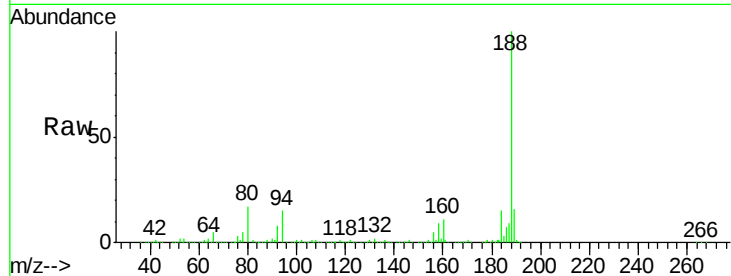
ClientSampleId :

C0AA0MSD

Tot Ion:188	Resp:	690090
Ion Ratio	Lower	Upper
188 100		
94 14.5	11.1	16.7
80 16.8	11.0	16.4#

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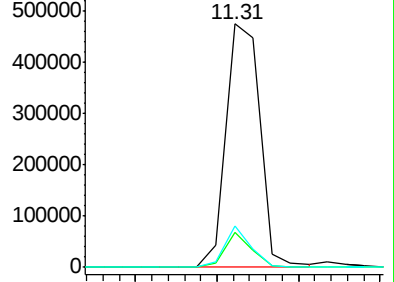
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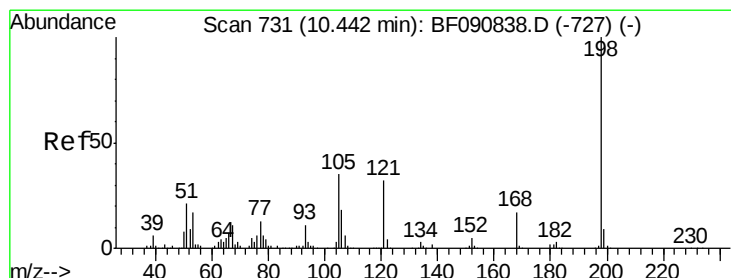
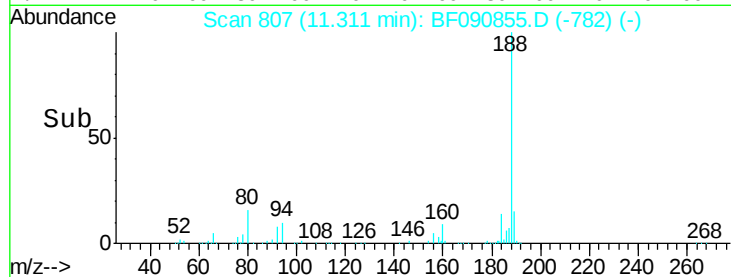
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 54.31 ng

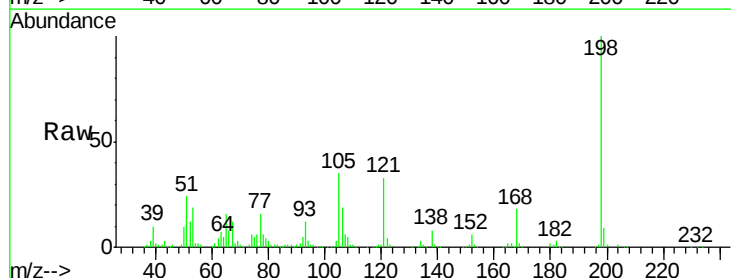
RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

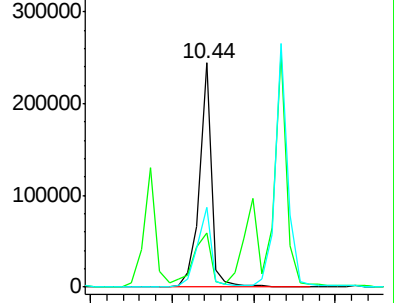
Tgt Ion:198	Resp:	248499
Ion Ratio	Lower	Upper
198 100		
51 24.2	39.6	79.6#
105 35.4	28.5	68.5



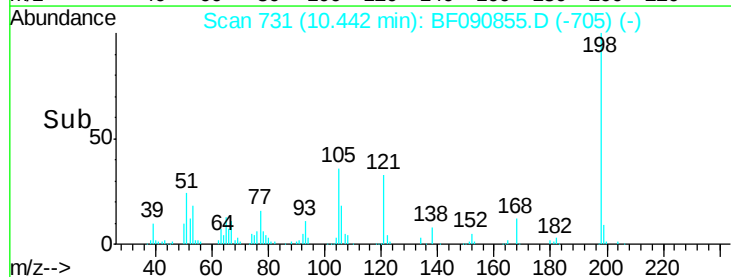
Abundance Ion 198.00 (197.70 to 198.70): E

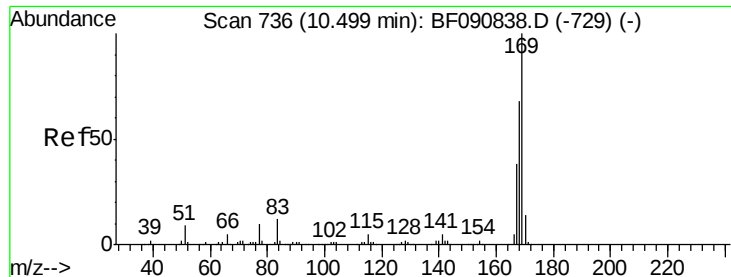
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 52.50 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

C0AA0MSD

Tot Ion:169 Resp: 1109737

Ion Ratio Lower Upper

169 100

168 69.3 48.9 73.3

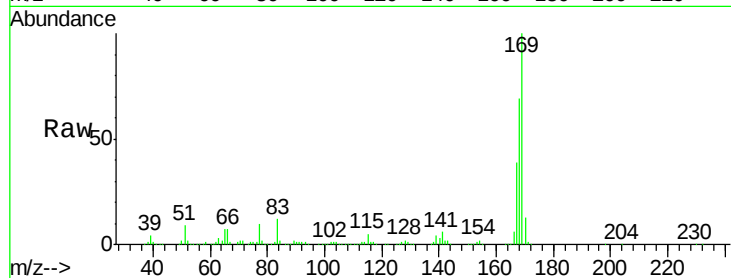
167 38.7 26.2 39.4

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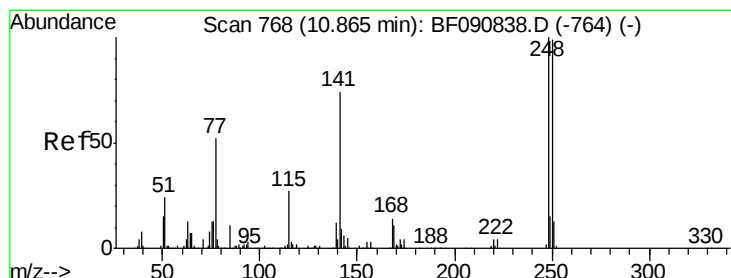
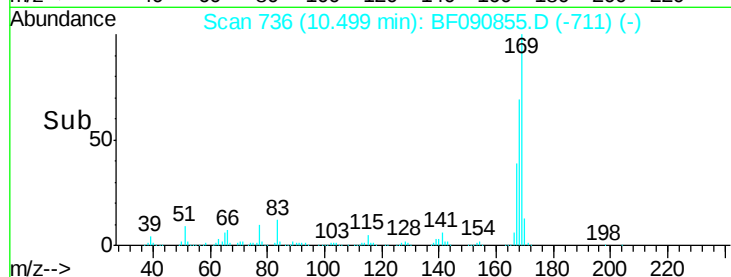
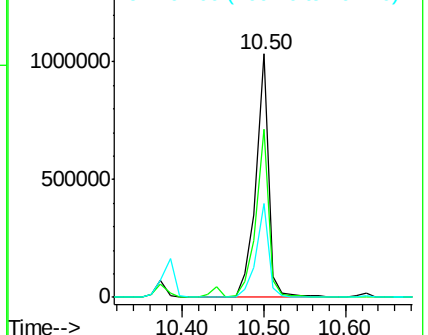
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.49 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

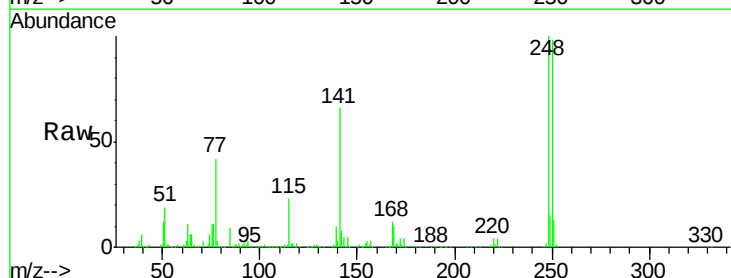
Tgt Ion:248 Resp: 411747

Ion Ratio Lower Upper

248 100

250 97.9 78.5 117.7

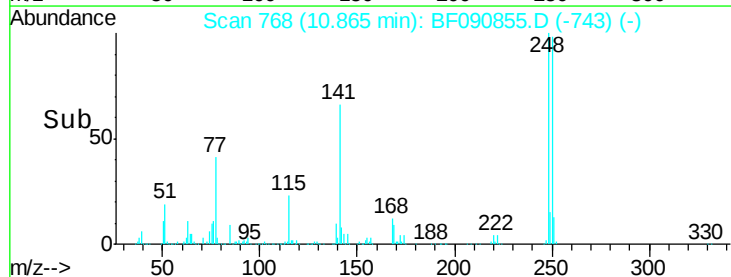
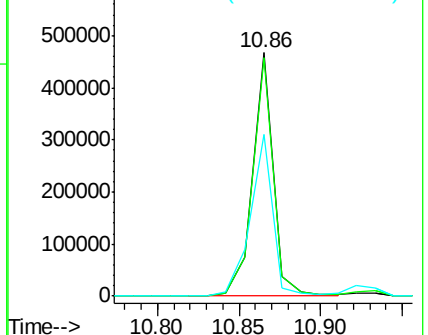
141 66.3 59.0 88.6

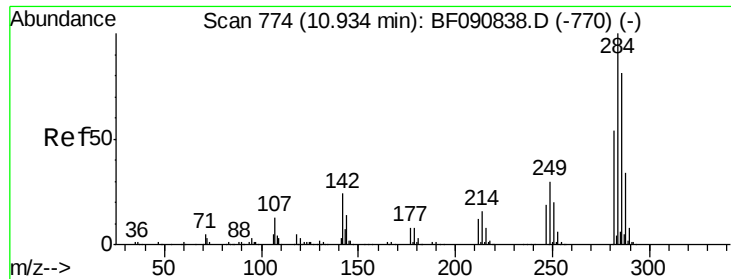


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





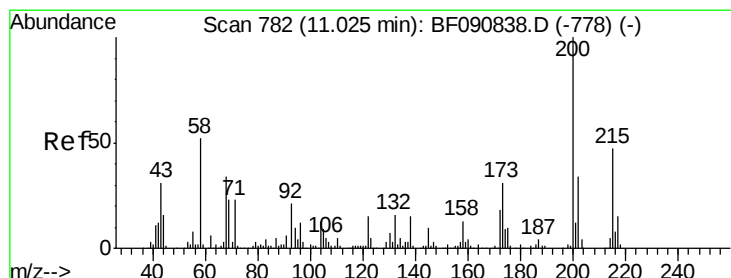
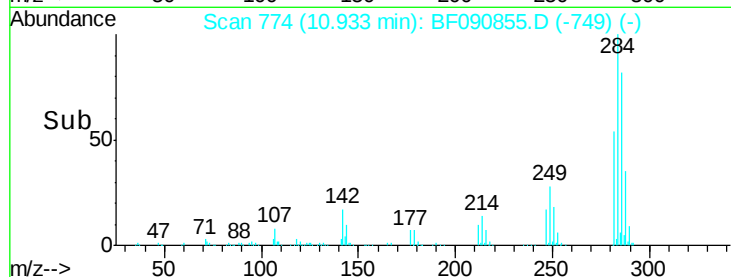
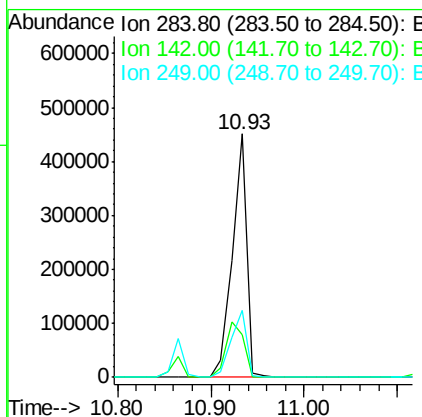
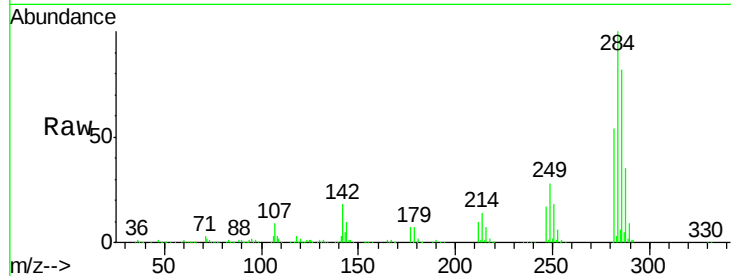
#67
Hexachlorobenzene
Concen: 54.81 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	490213		
142	17.6	29.5	44.3#	
249	27.7	19.5	29.3	

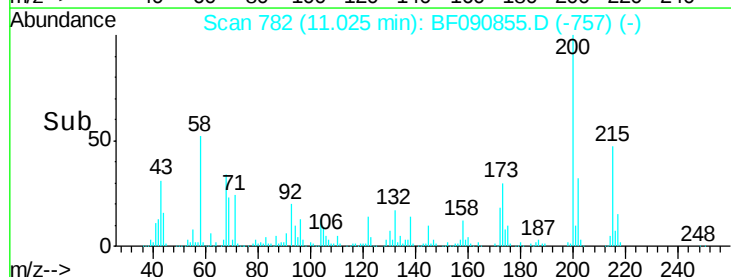
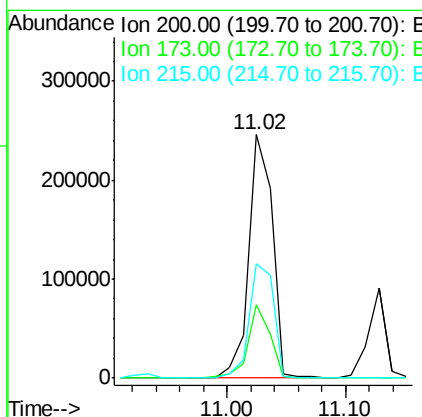
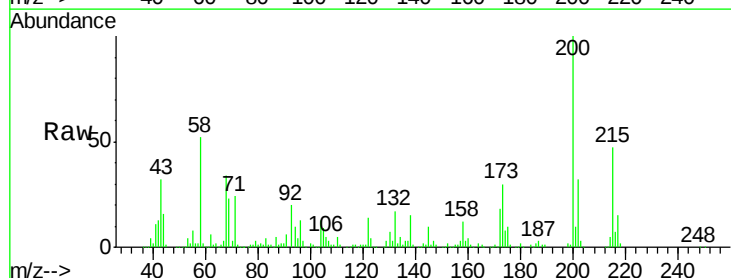
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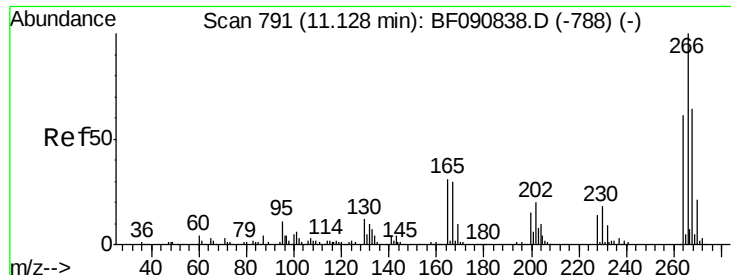
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#68
Atrazine
Concen: 52.55 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	343617		
173	30.0	13.2	53.2	
215	46.9	41.8	81.8	





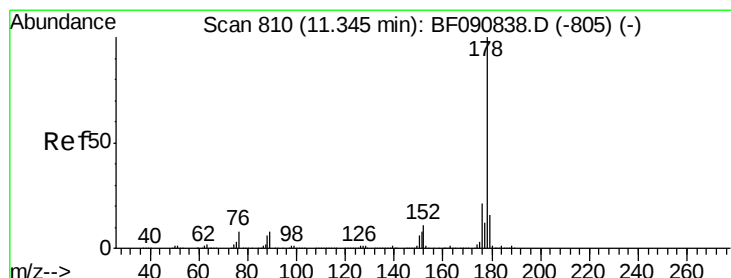
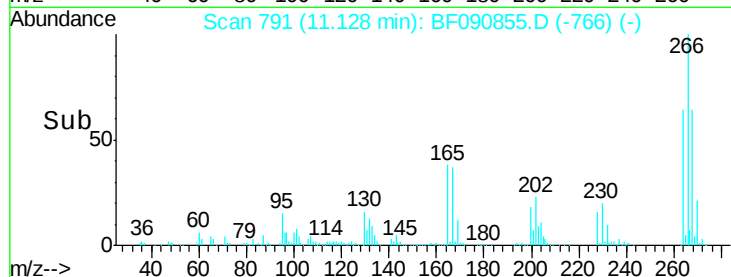
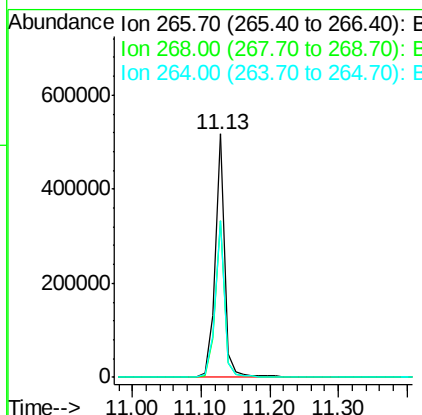
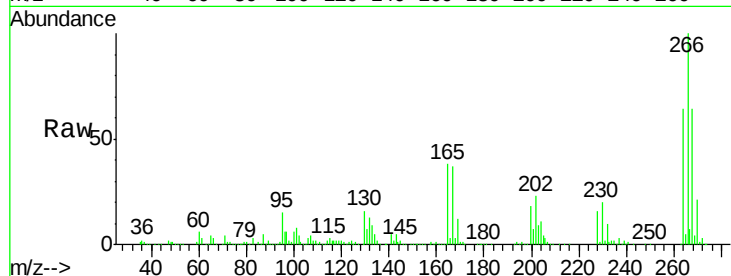
#69
 Pentachlorophenol
 Concen: 106.66 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.8	74.6
264	64.4	50.2	75.2

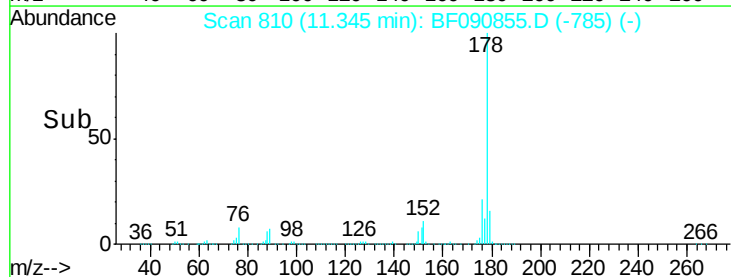
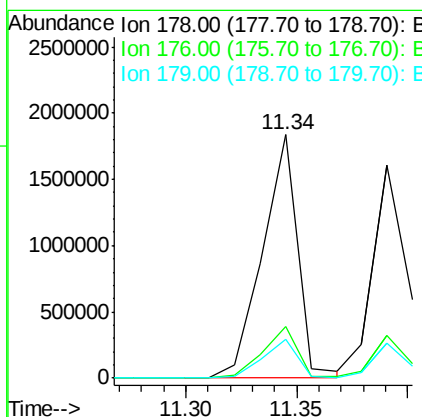
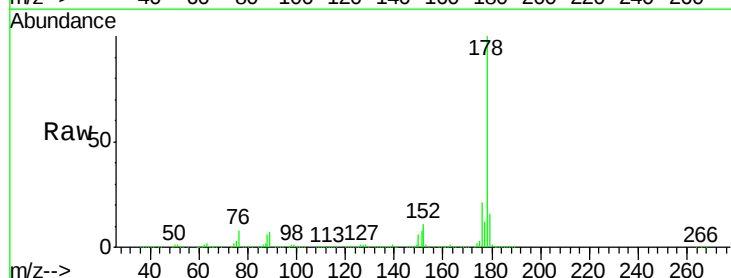
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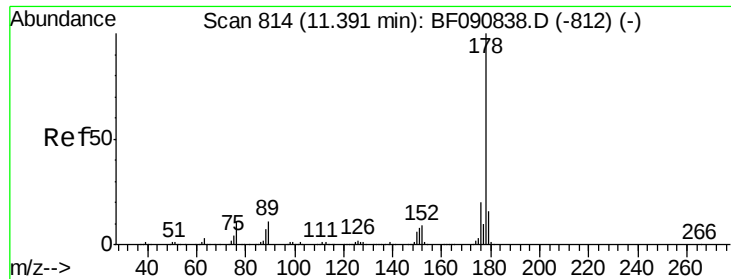
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#70
 Phenanthrene
 Concen: 57.09 ng m
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	13.8	20.8#
179	16.2	12.2	18.2





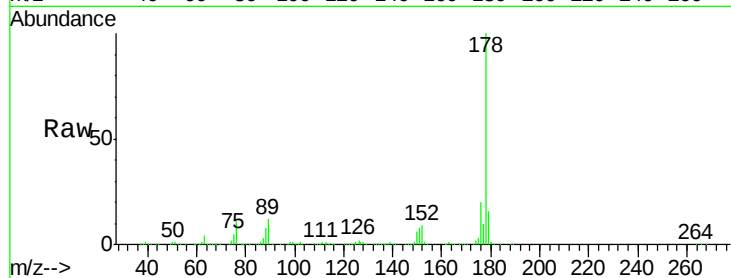
#71
 Anthracene
 Concen: 48.46 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

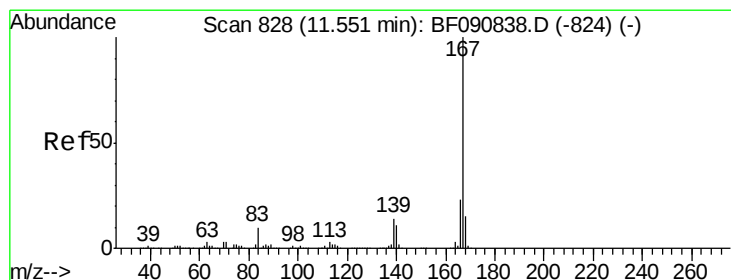
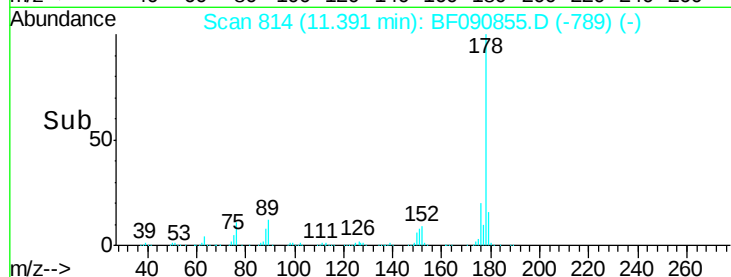
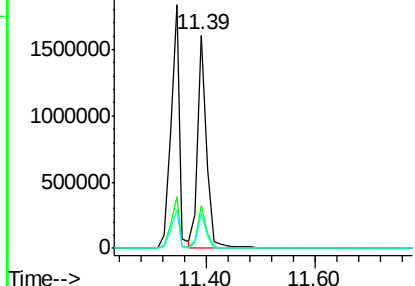
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.1	21.1
179	16.5	12.2	18.2

Manual Integrations
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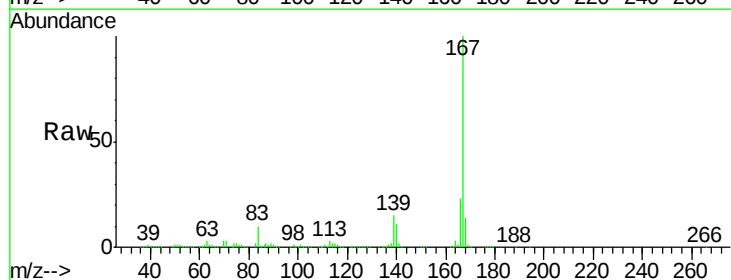


Abundance Ion 178.00 (177.70 to 178.70): E
 2500000
 Ion 176.00 (175.70 to 176.70): E
 2000000
 Ion 179.00 (178.70 to 179.70): E
 1500000
 1000000
 500000
 0

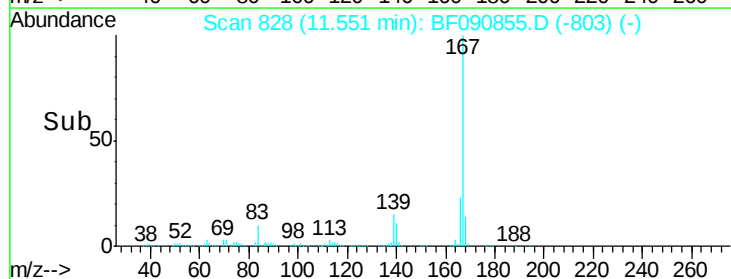
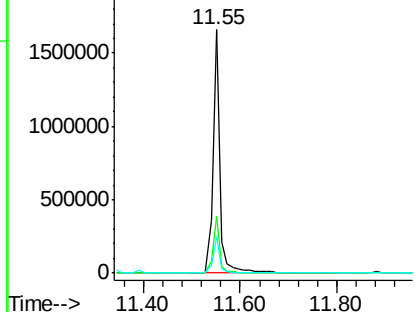


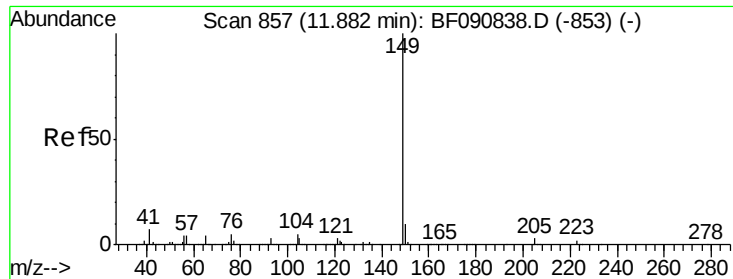
#72
 Carbazole
 Concen: 52.54 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	15.7	23.5
139	14.7	9.5	14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 2000000
 Ion 166.00 (165.70 to 166.70): E
 1500000
 Ion 139.00 (138.70 to 139.70): E
 1000000
 500000
 0





#73

Di-n-butylphthalate

Concen: 48.58 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleID :

C0AA0MSD

Tot Ion:149 Resp: 2046520

Ion Ratio Lower Upper

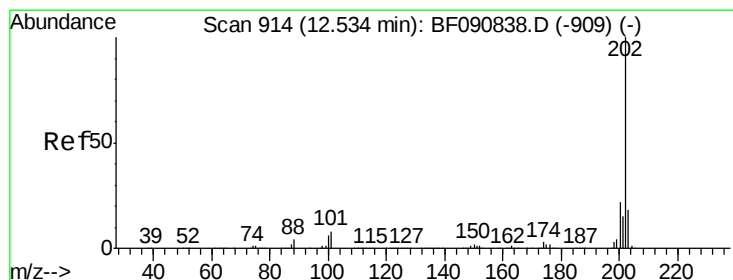
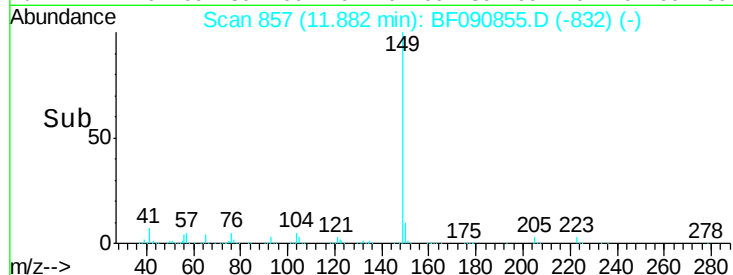
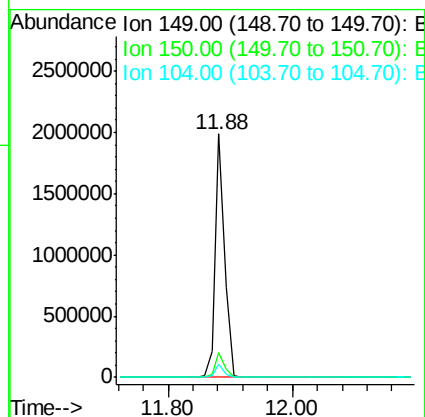
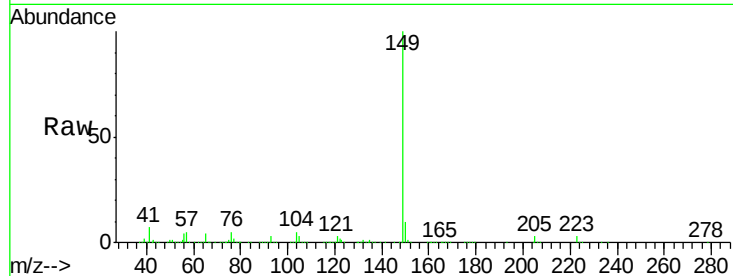
149 100

150 10.2 7.4 11.2

104 5.4 2.4 3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 49.55 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

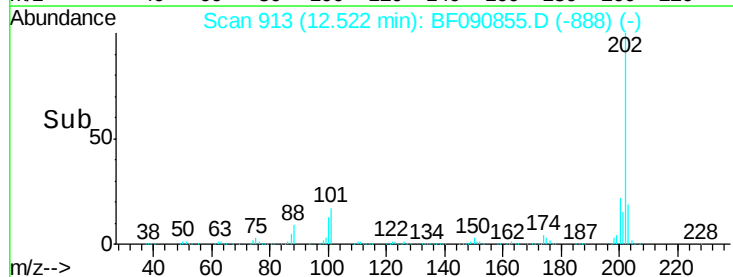
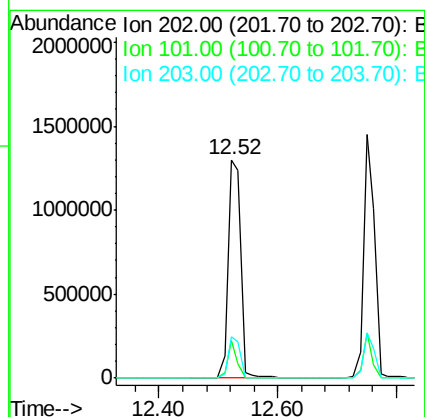
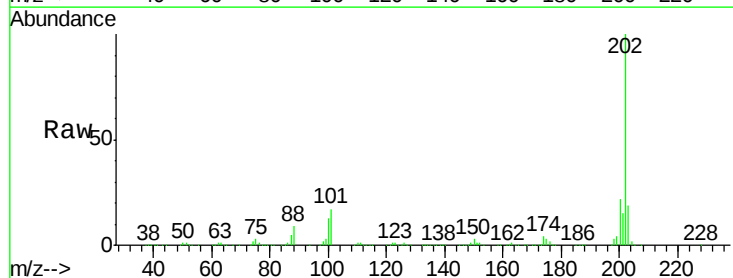
Tgt Ion:202 Resp: 1906856

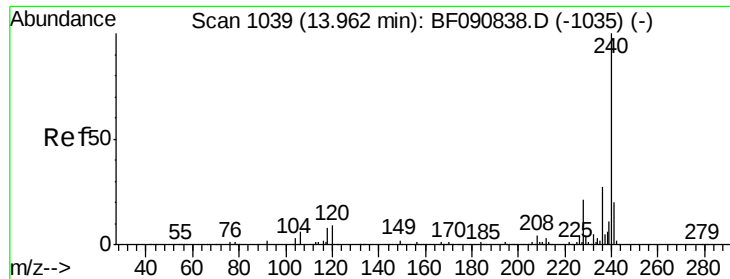
Ion Ratio Lower Upper

202 100

101 17.0 0.0 38.3

203 19.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

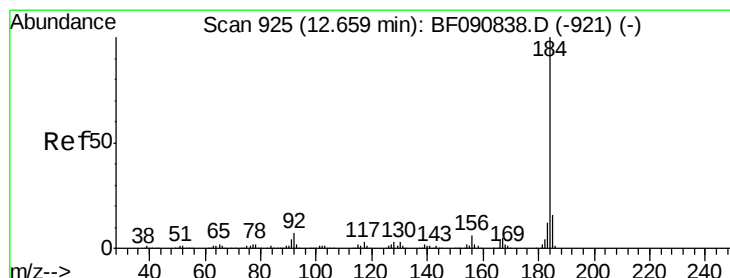
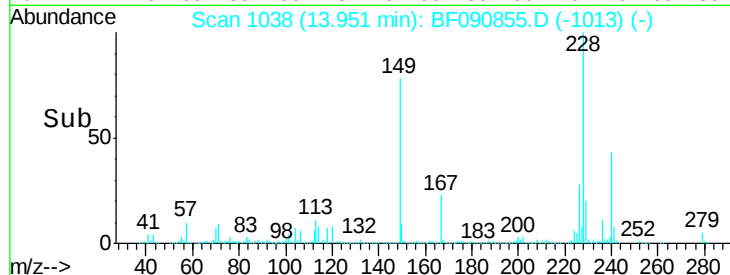
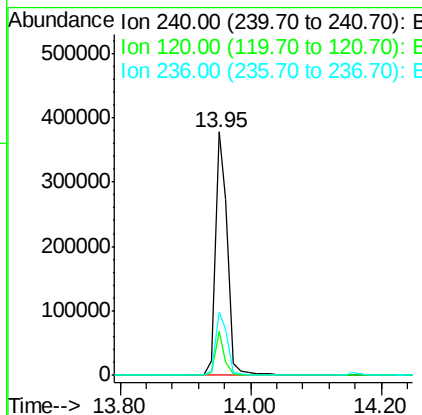
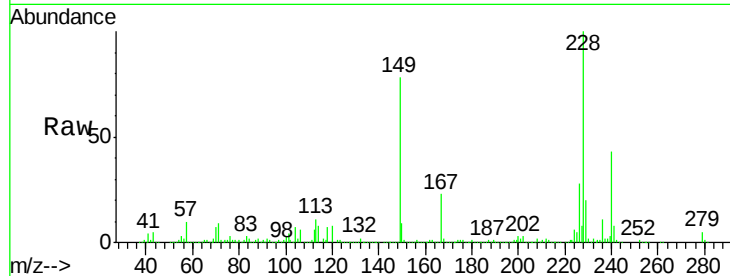
ClientSampleId :

C0AA0MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.9	16.2	24.2
236	26.0	18.4	27.6

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#76

Benzidine

Concen: 8.77 ng

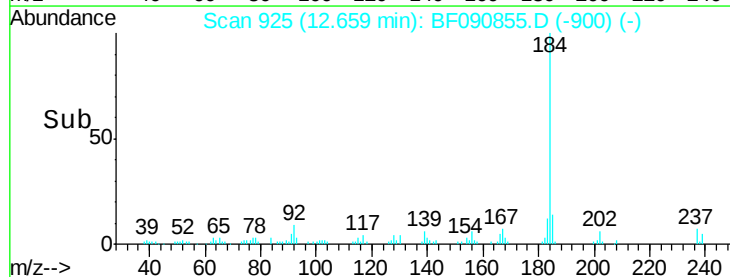
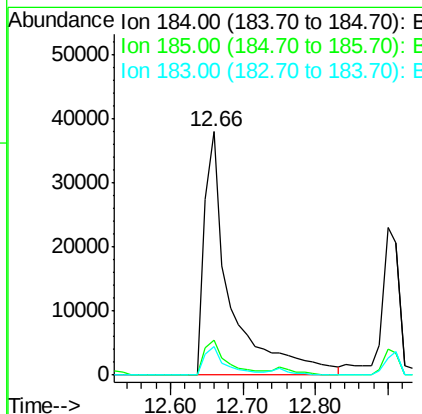
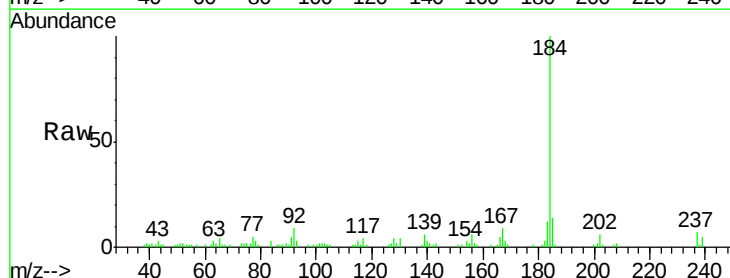
RT: 12.66 min Scan# 925

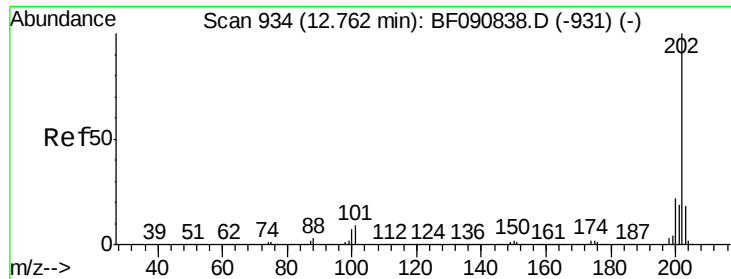
Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	11.6	7.6	11.4#





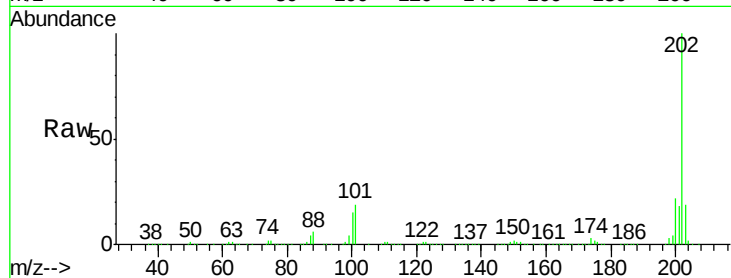
#77
Pvrene
Concen: 59.04 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

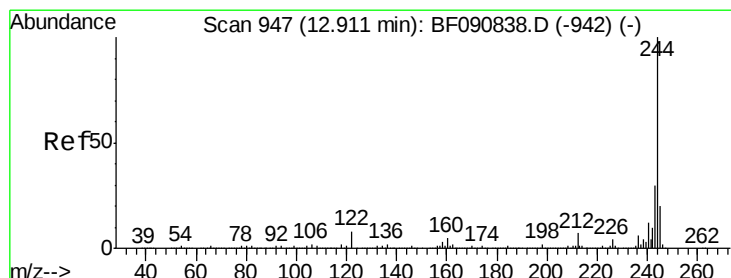
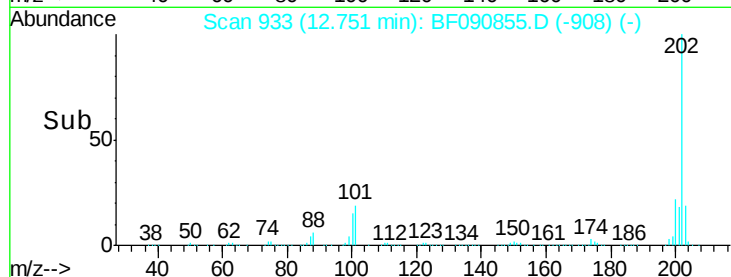
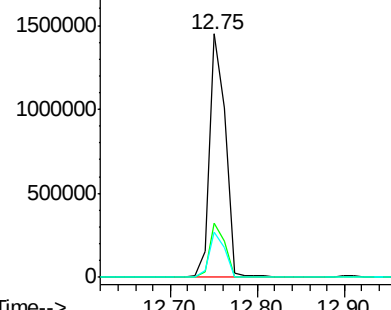
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	15.0	22.4
203	18.5	14.1	21.1

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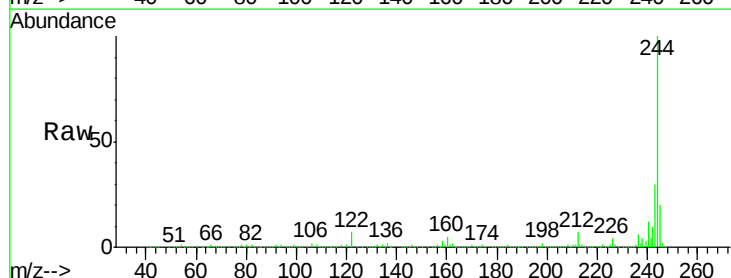


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

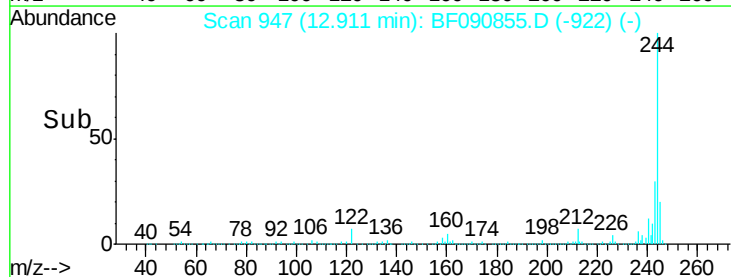
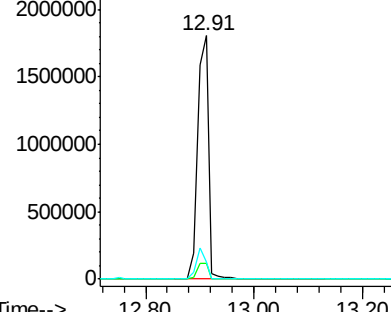


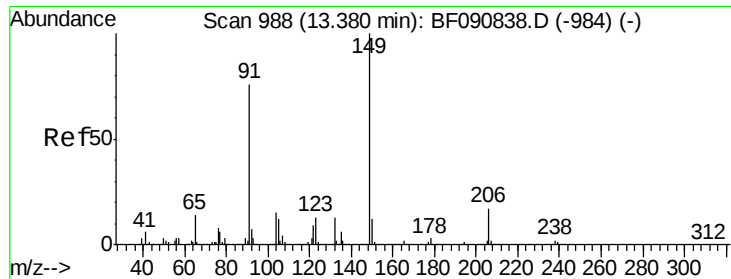
#78
Terphenyl-d14
Concen: 130.86 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	6.9	17.4	26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





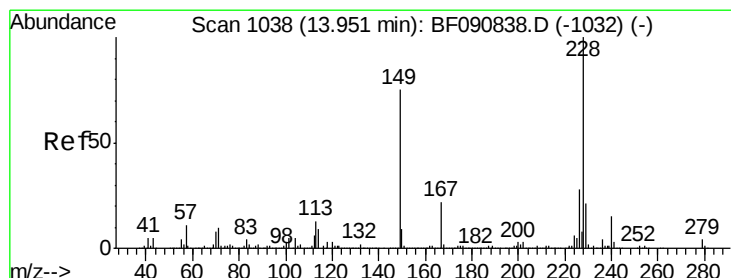
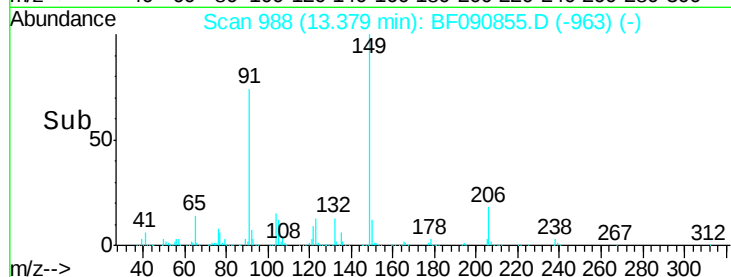
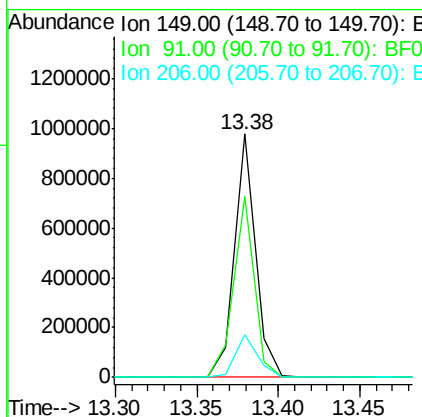
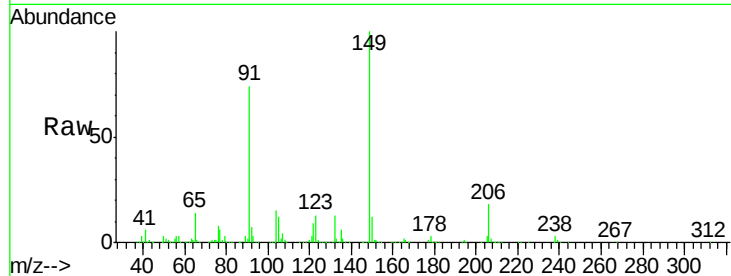
#79
Butylbenzylphthalate
Concen: 61.56 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	48.6	72.8#
206	17.8	14.9	22.3

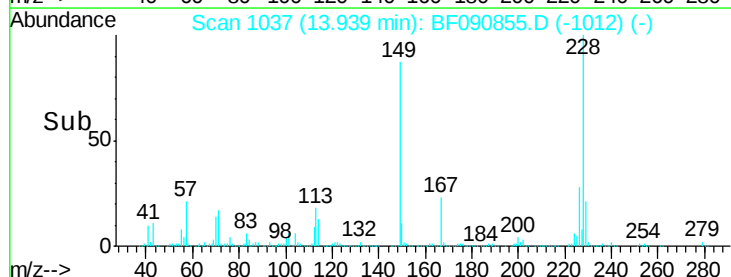
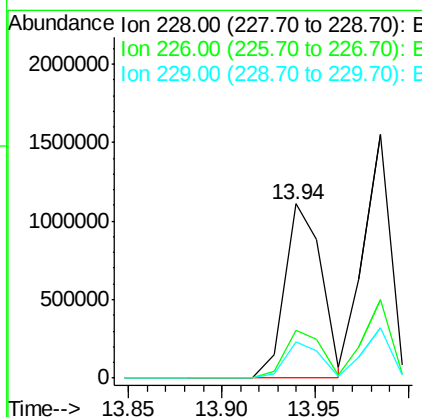
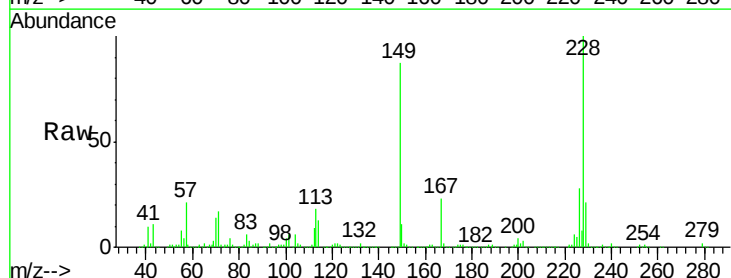
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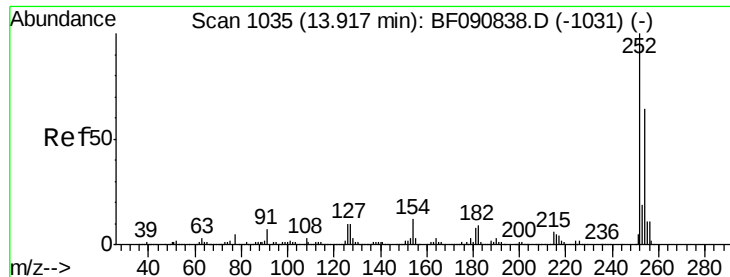
sohil
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#80
Benzo(a)anthracene
Concen: 58.07 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.0	30.0
229	20.5	15.4	23.2





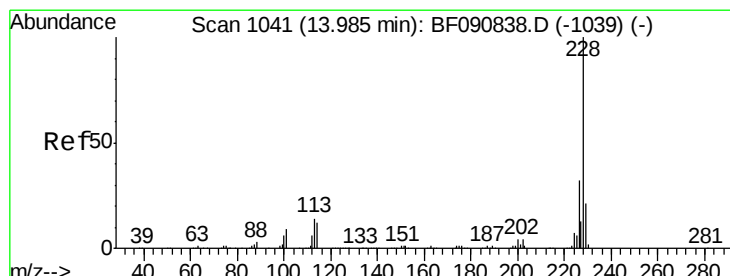
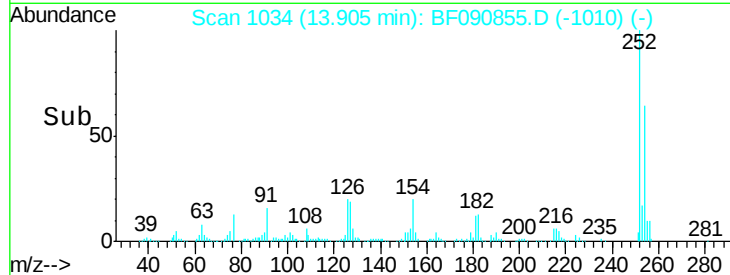
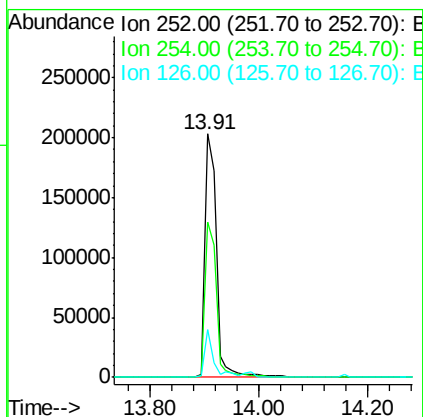
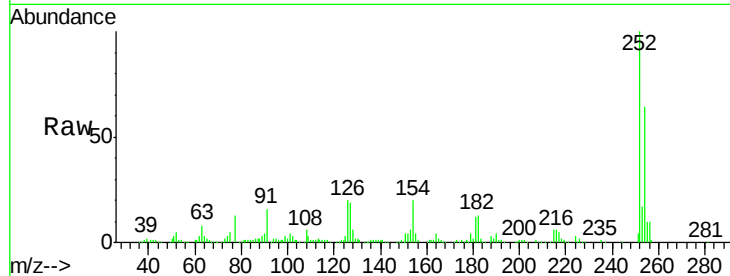
#81
 3,3'-Dichlorobenzidine
 Concen: 29.18 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleID :
 C0AA0MSD

Tot Ion:	252	Resp:	295841
Ion Ratio	Lower	Upper	
252	100		
254	63.6	51.4	77.2
126	19.7	16.4	24.6

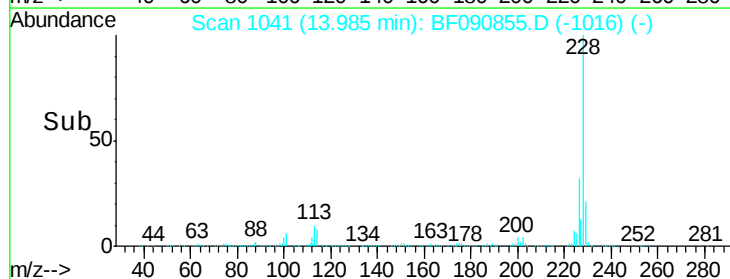
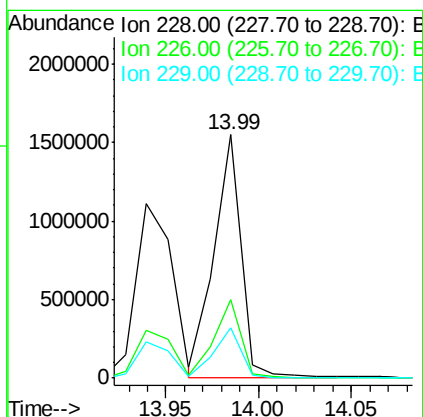
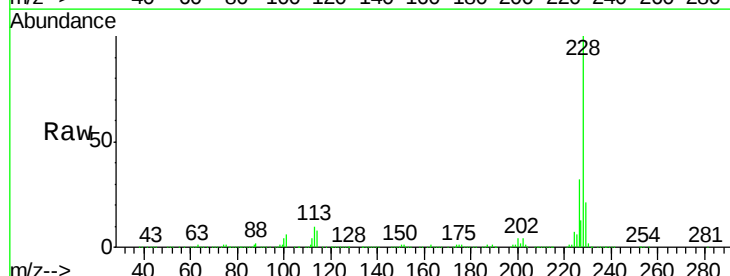
Manual Integrations
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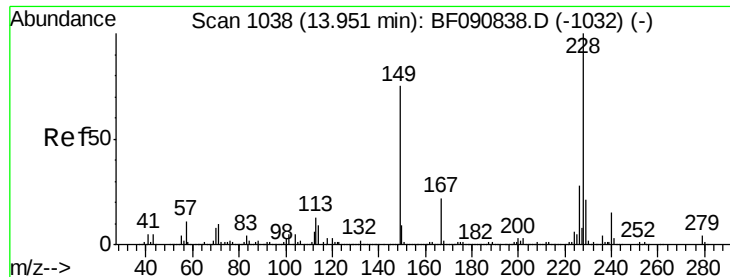
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#82
 Chrysene
 Concen: 60.66 ng m
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Tgt Ion:	228	Resp:	1602489
Ion Ratio	Lower	Upper	
228	100		
226	32.3	21.0	31.4#
229	20.6	15.6	23.4





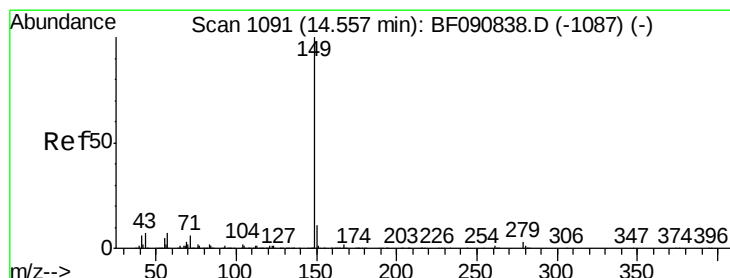
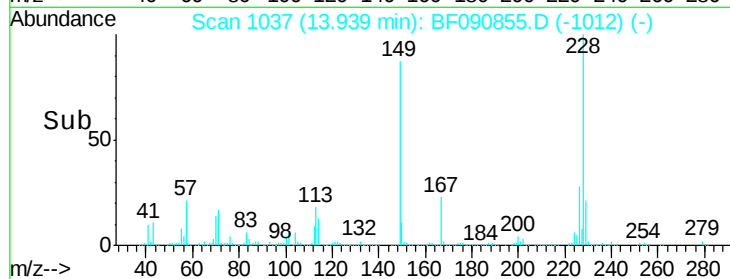
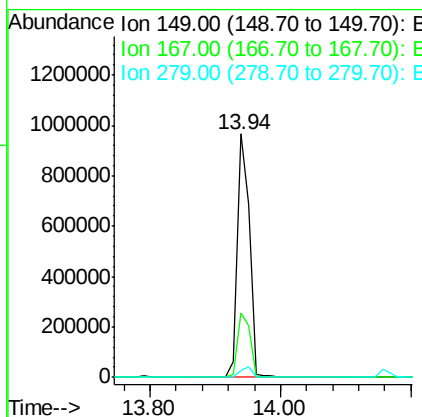
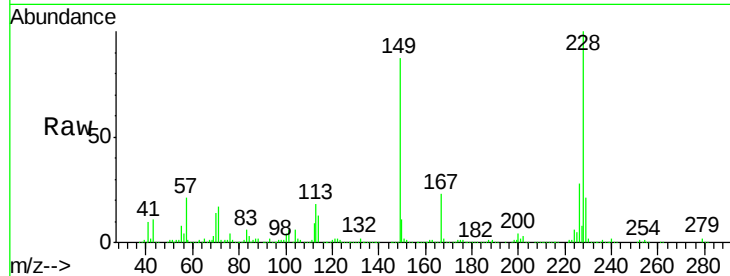
#83
Bis(2-ethylhexyl)phthalate
Concen: 65.09 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion:149 Resp: 1197824
Ion Ratio Lower Upper
149 100
167 26.5 24.2 36.2
279 2.6 3.8 5.6#

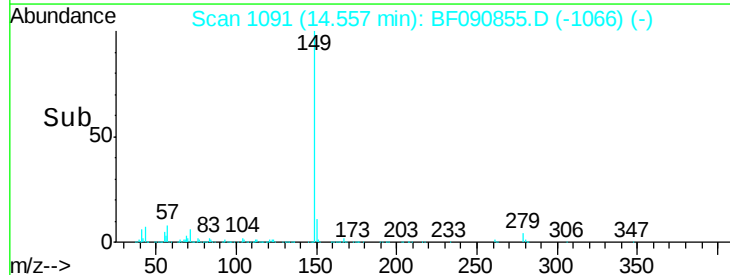
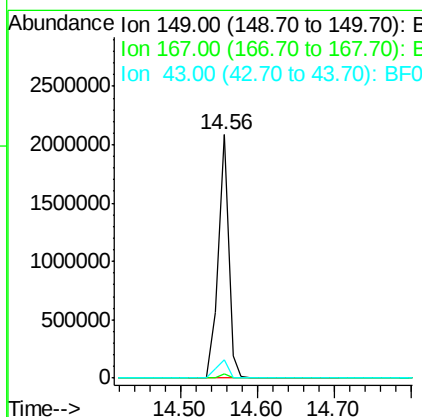
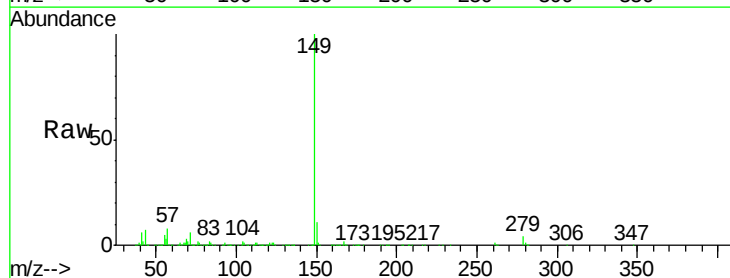
Manual Integrations
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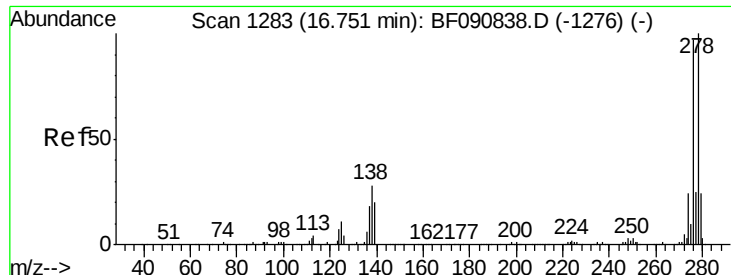
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#84
Di-n-octyl phthalate
Concen: 63.66 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion:149 Resp: 1967037
Ion Ratio Lower Upper
149 100
167 1.7 1.0 1.6#
43 8.5 10.2 15.2#





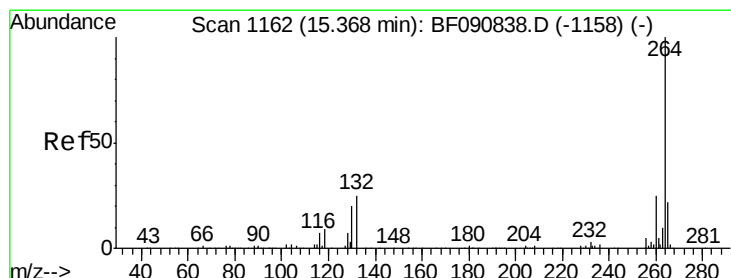
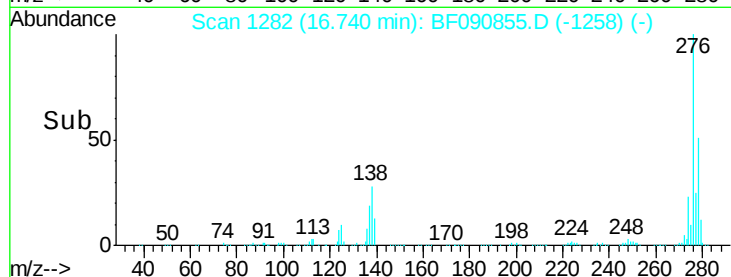
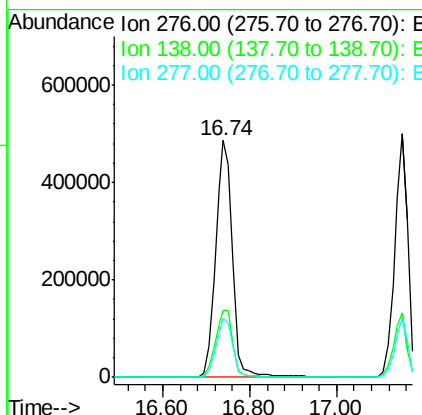
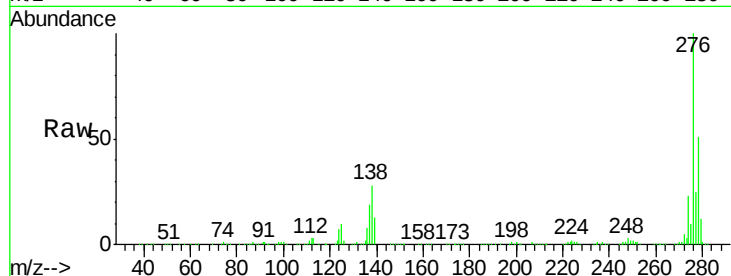
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.85 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion:276 Resp: 1331015
Ion Ratio Lower Upper
276 100
138 29.9 25.7 38.5
277 25.2 15.6 23.4#

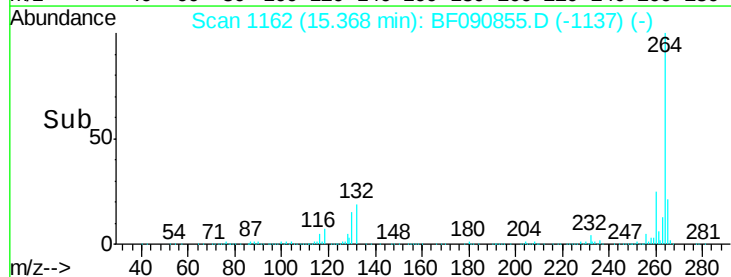
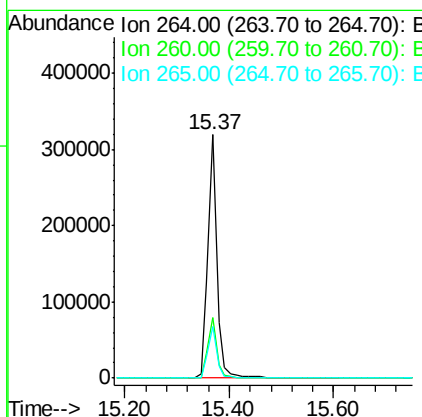
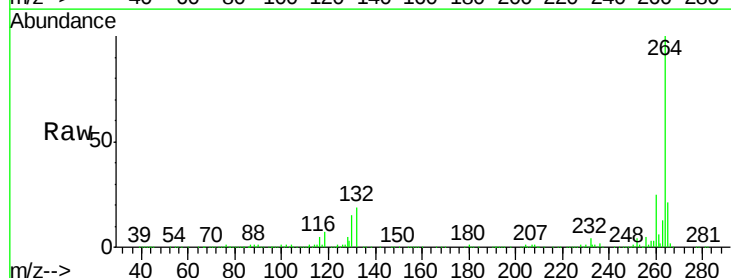
Manual Integrations
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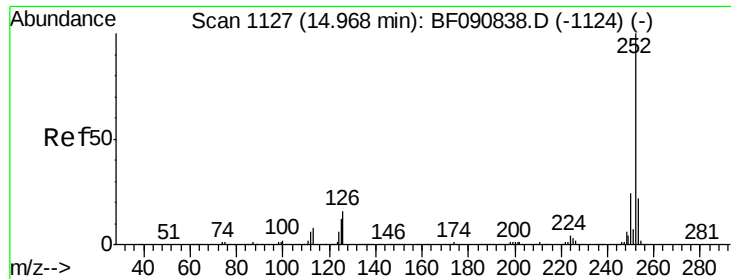
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion:264 Resp: 385027
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 47.93 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF090855.D

Acq: 26 Oct 2016 22:10

Instrument :

BNA_F

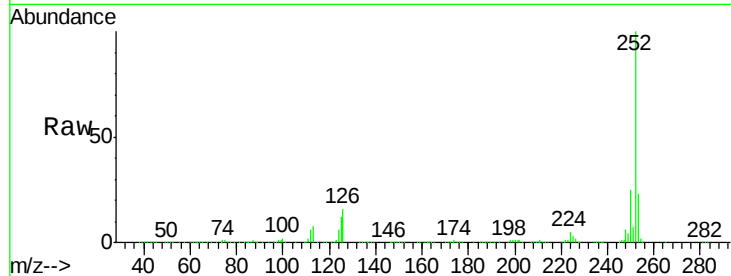
ClientSampled :

C0AA0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.5	17.1	25.7

Manual Integrations
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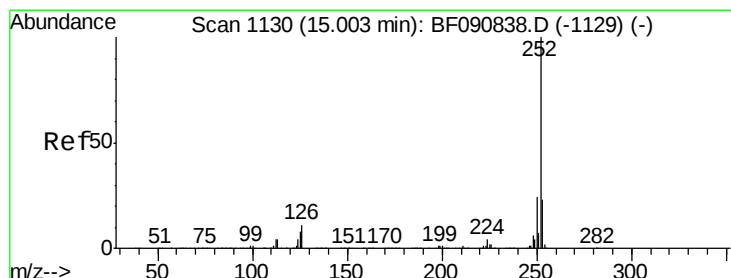
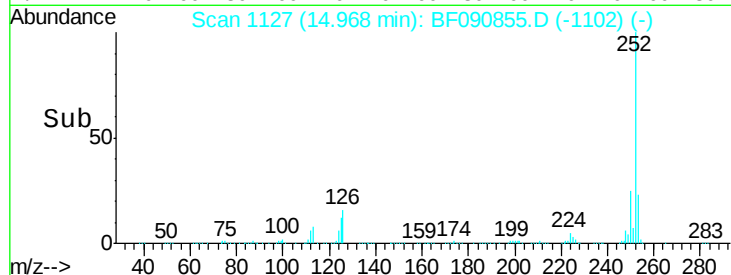
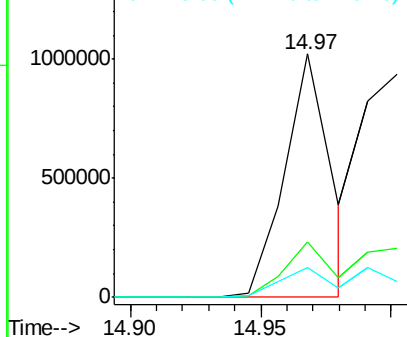
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 63.48 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090855.D

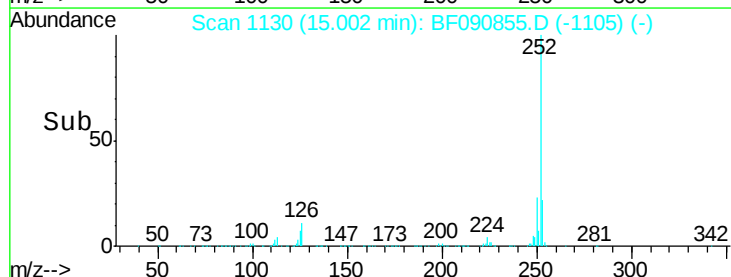
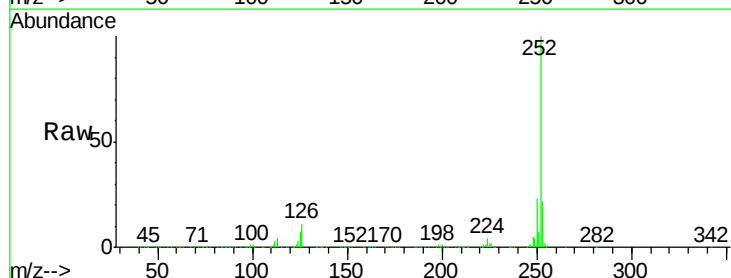
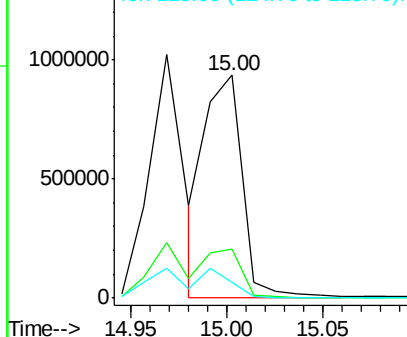
Acq: 26 Oct 2016 22:10

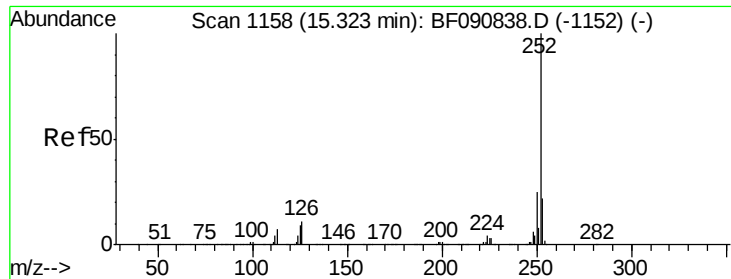
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	7.3	16.0	24.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





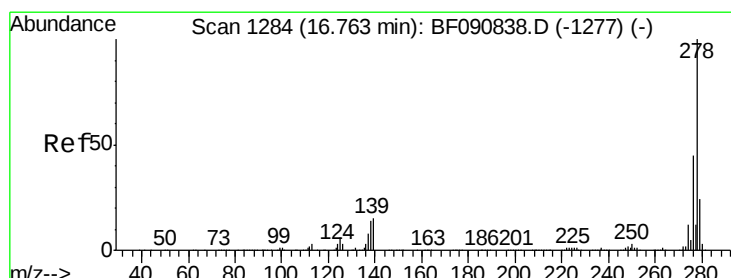
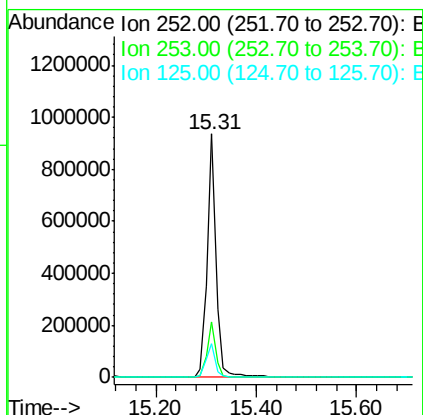
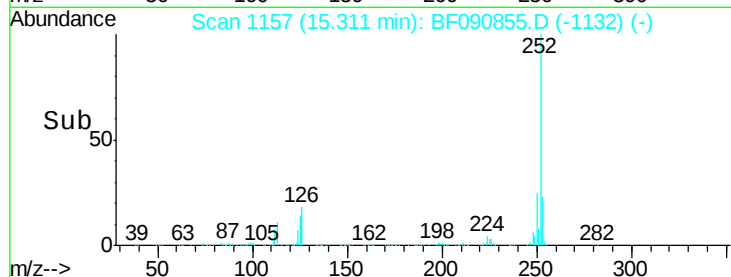
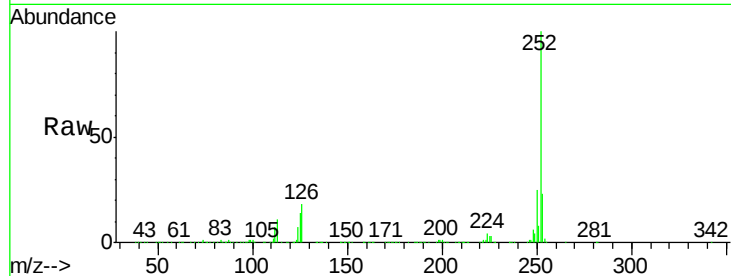
#89
Benzo(a)pyrene
Concen: 51.70 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
C0AA0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.7	18.0	27.0

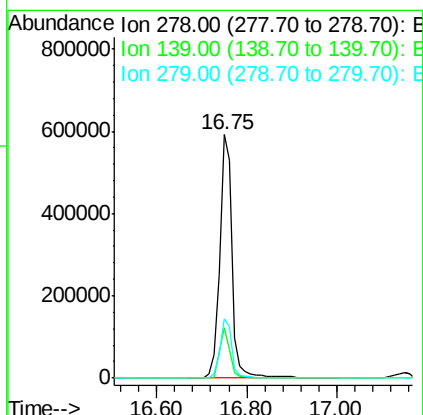
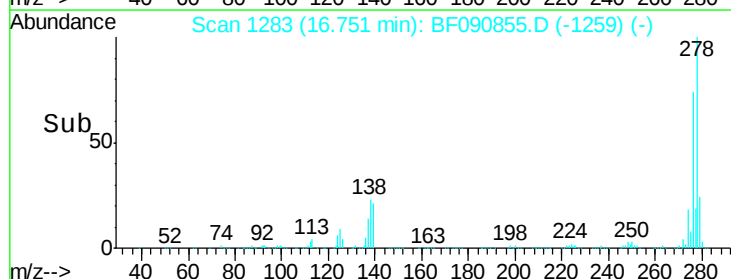
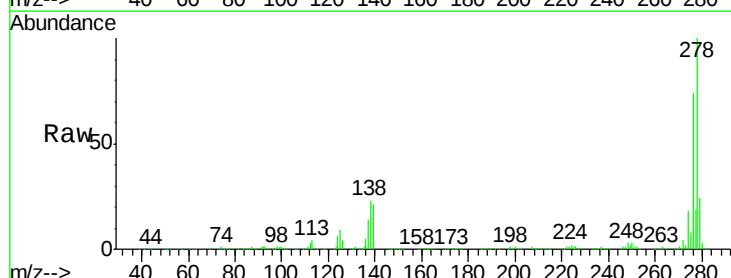
Manual Integrations
APPROVED

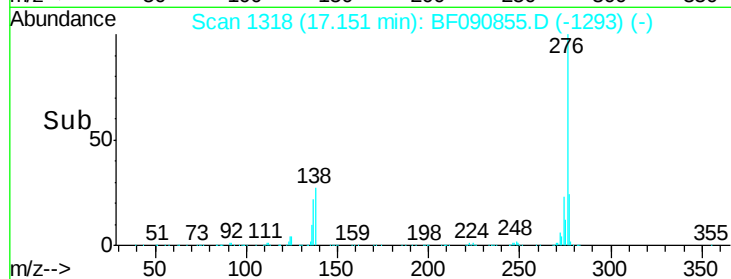
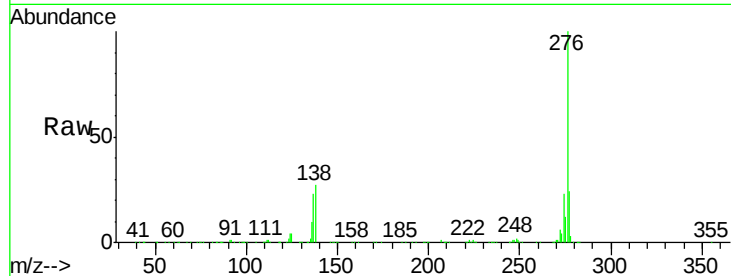
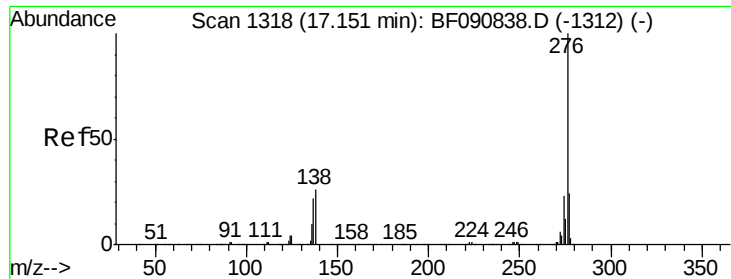
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#90
Dibenzo(a,h)anthracene
Concen: 60.07 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF090855.D
Acq: 26 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	26.3	39.5
279	24.4	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 61.13 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF090855.D
 Acq: 26 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	26.6	34.6	51.8#

Manual Integrations
 APPROVED

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