

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097208.D
 Acq On : 31 Jul 2017 15:24
 Operator : SJ/JU
 Sample : I4421-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Manual Integrations
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Sohil
 8/1/2017 5:44:33 PM

Quant Time: Jul 31 19:22:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	116242	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	510252	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	199231	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	297605	20.00	ng	0.00
75) Chrysene-d12	13.62	240	172940	20.00	ng	0.00
86) Perylene-d12	14.96	264	191509	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	836168	108.44	ng	0.01
7) Phenol-d6	6.15	99	891957	101.32	ng	0.00
23) Nitrobenzene-d5	7.05	82	577369	66.38	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	156551	99.45	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	814732	69.40	ng	0.00
78) Terphenyl-d14	12.57	244	475211	56.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	112494	34.959	ng	# 67
3) Pyridine	2.66	79	319041	32.379	ng	# 62
4) n-Nitrosodimethylamine	2.62	42	192682	35.298	ng	# 78
6) Aniline	6.15	93	237763	21.463	ng	# 68
8) 2-Chlorophenol	6.27	128	294698	35.742	ng	93
9) Benzaldehyde	6.02	77	92391	17.732	ng	94
10) Phenol	6.16	94	379595	36.354	ng	96
11) bis(2-Chloroethyl)ether	6.23	93	290473	35.173	ng	93
12) 1,3-Dichlorobenzene	6.42	146	320969	36.122	ng	99
13) 1,4-Dichlorobenzene	6.50	146	321167	36.472	ng	97
14) 1,2-Dichlorobenzene	6.65	146	289401	37.640	ng	97
15) Benzyl Alcohol	6.64	79	229172	41.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.77	45	620904	37.485	ng	60
17) 2-Methylphenol	6.77	107	238272	37.443	ng	# 89
18) Hexachloroethane	6.99	117	113550	35.247	ng	# 81
19) n-Nitroso-di-n-propylamine	6.91	70	227311	39.229	ng	# 81
20) 3+4-Methylphenols	6.92	107	339420	40.839	ng	# 62
22) Acetophenone	6.90	105	431585	35.221	ng	98
24) Nitrobenzene	7.07	77	318039	35.109	ng	95
25) Isophorone	7.31	82	541613	31.797	ng	97
26) 2-Nitrophenol	7.39	139	164464	33.558	ng	# 85
27) 2,4-Dimethylphenol	7.45	122	278240	34.417	ng	97
28) bis(2-Chloroethoxy)methane	7.53	93	445467	40.075	ng	98
29) 2,4-Dichlorophenol	7.64	162	260905	37.462	ng	97
30) 1,2,4-Trichlorobenzene	7.71	180	237241	35.737	ng	98
31) Naphthalene	7.79	128	862464	35.857	ng	99
32) Benzoic acid	7.56	122	33917	5.618	ng	92
33) 4-Chloroaniline	7.85	127	158180	16.162	ng	97
34) Hexachlorobutadiene	7.91	225	115872	32.924	ng	98
35) Caprolactam	8.22	113	80714m	36.142	ng	
36) 4-Chloro-3-methylphenol	8.35	107	274691	36.152	ng	88
37) 2-Methylnaphthalene	8.47	142	602468	39.561	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	208767	39.271	ng	99
40) Hexachlorocyclopentadiene	8.63	237	35135	23.935	ng	98

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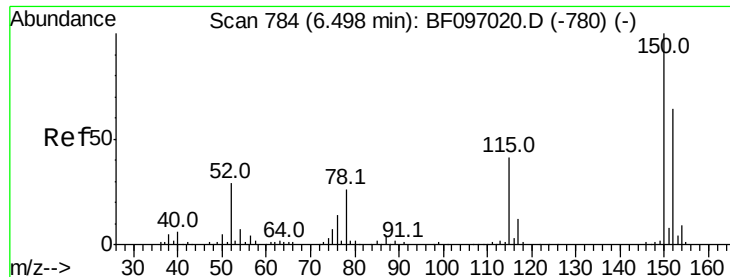
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	153359	39.809	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	156872	40.684	nq	95
45) 1,1'-Biphenyl	8.94	154	620580	36.468	nq	97
46) 2-Chloronaphthalene	8.96	162	475961	38.008	nq	94
47) 2-Nitroaniline	9.07	65	187557	41.270	nq	95
48) Acenaphthylene	9.37	152	670027	34.859	nq	99
49) Dimethylphthalate	9.25	163	729093	48.191	nq	99
50) 2,6-Dinitrotoluene	9.32	165	125874	39.228	nq #	89
51) Acenaphthene	9.55	154	409061	36.130	nq	99
52) 3-Nitroaniline	9.48	138	96023	24.109	nq	90
53) 2,4-Dinitrophenol	9.60	184	22859	15.668	nq #	77
54) Dibenzofuran	9.72	168	601928	39.914	nq	96
55) 4-Nitrophenol	9.67	139	140176	59.181	nq #	49
56) 2,4-Dinitrotoluene	9.72	165	143356	38.862	nq #	72
57) Fluorene	10.06	166	457632	40.375	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	106030	39.826	nq	98
59) Diethylphthalate	9.95	149	522847	37.669	nq	99
60) 4-Chlorophenyl-phenylether	10.05	204	183972	39.306	nq	99
61) 4-Nitroaniline	10.09	138	123933	32.747	nq	94
62) Azobenzene	10.22	77	531302	41.262	nq	91
64) 4,6-Dinitro-2-methylphenol	10.13	198	43610	23.582	nq	87
65) n-Nitrosodiphenylamine	10.17	169	434763	41.986	nq	97
66) 4-Bromophenyl-phenylether	10.54	248	118302	39.832	nq	98
67) Hexachlorobenzene	10.61	284	118915	35.704	nq	94
68) Atrazine	10.71	200	118153	39.792	nq	94
69) Pentachlorophenol	10.81	266	96673	70.153	nq	97
70) Phenanthrene	11.01	178	718061	45.031	nq	99
71) Anthracene	11.06	178	632759	38.744	nq	98
72) Carbazole	11.22	167	570983	35.548	nq	98
73) Di-n-butylphthalate	11.57	149	723042	36.417	nq	98
74) Fluoranthene	12.19	202	662974	42.440	nq	97
76) Benzidine	12.32	184	157698	24.575	nq #	92
77) Pyrene	12.42	202	674507	47.641	nq	100
79) Butylbenzylphthalate	13.05	149	255386	35.461	nq #	83
80) Benzo(a)anthracene	13.60	228	472619	42.236	nq	100
81) 3,3'-Dichlorobenzidine	13.57	252	111572	26.440	nq #	95
82) Chrysene	13.64	228	446107	40.828	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	321124	34.151	nq	99
84) Di-n-octyl phthalate	14.23	149	596655	34.577	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.20	276	472158	50.394	nq	96
87) Benzo(b)fluoranthene	14.61	252	516347	44.853	nq	98
88) Benzo(k)fluoranthene	14.63	252	359343	32.757	nq	96
89) Benzo(a)pyrene	14.92	252	458767	43.543	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	373791	43.262	nq #	94
91) Benzo(g,h,i)perylene	16.57	276	389140	42.948	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF097208.D

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Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

Tot Ion:152 Resp: 116242

Ion Ratio Lower Upper

152 100

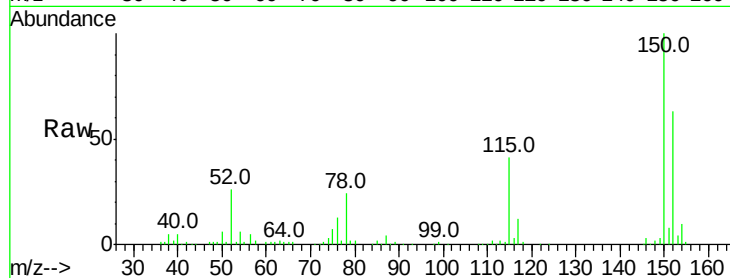
150 159.5 126.2 189.2

115 64.6 52.2 78.2

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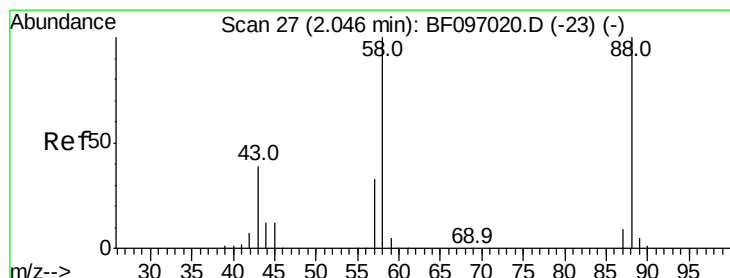
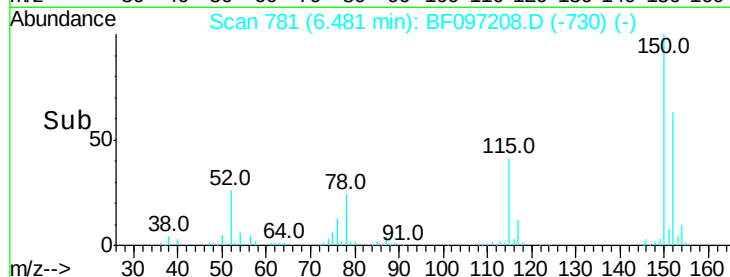
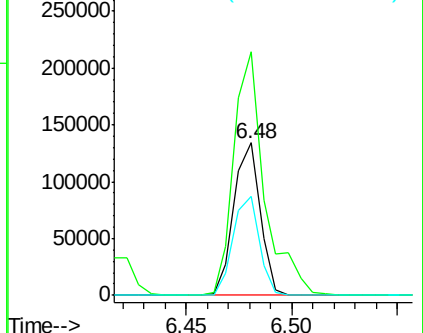
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.959 ng

RT: 2.05 min Scan# 27

Delta R.T. 0.04 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

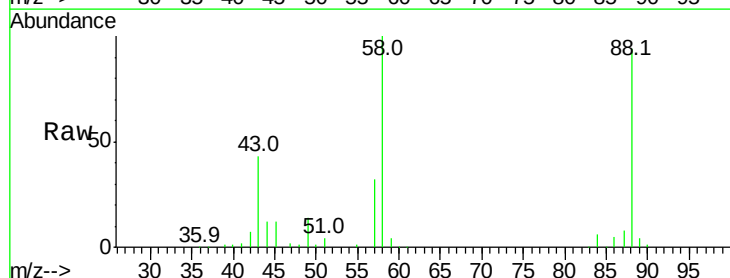
Tgt Ion: 88 Resp: 112494

Ion Ratio Lower Upper

88 100

58 104.5 61.4 92.0#

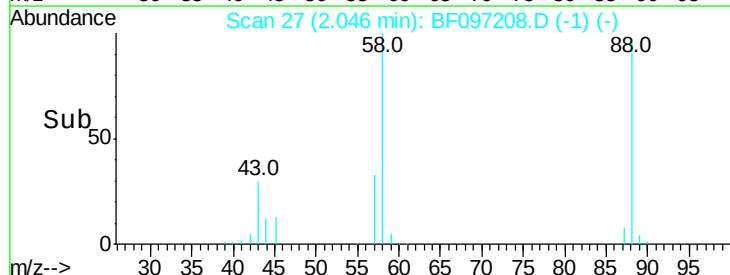
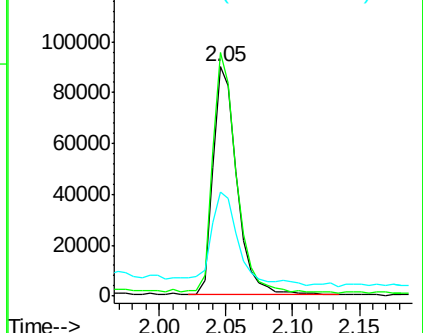
43 47.0 23.4 35.0#

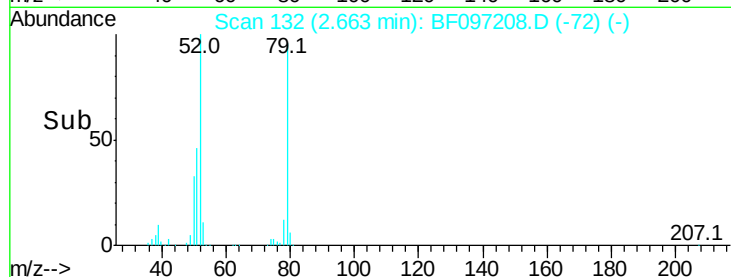
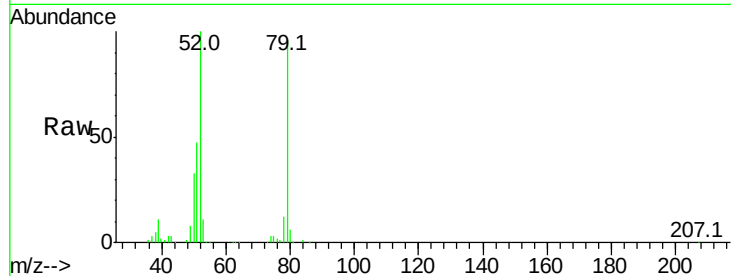
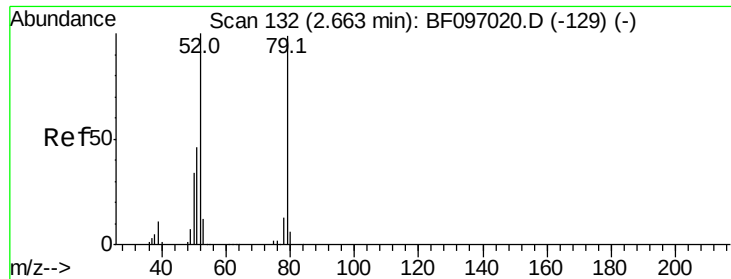


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





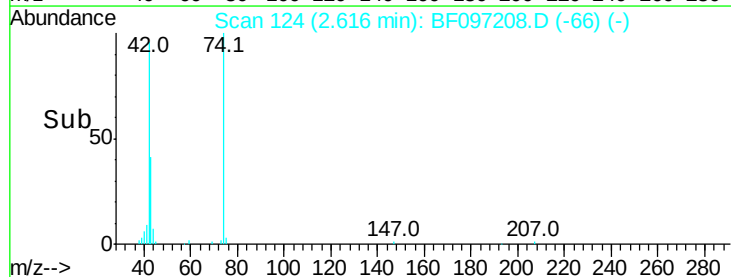
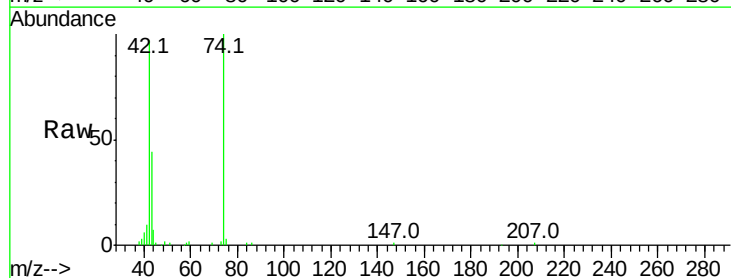
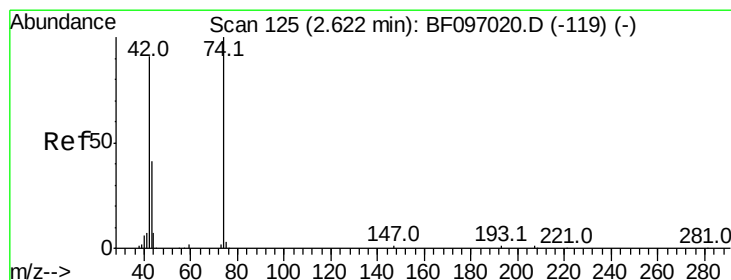
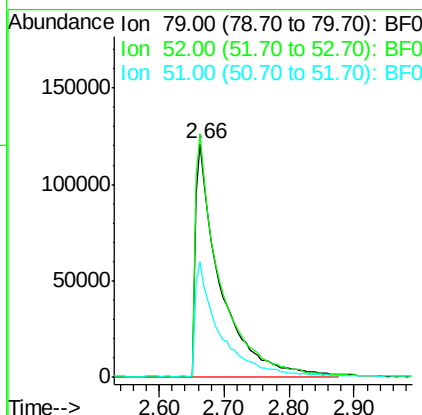
#3
 Pvridine
 Concen: 32.379 ng
 RT: 2.66 min Scan# 132
 Delta R.T. 0.05 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.1	54.8	82.2#
51	49.3	27.0	40.4#

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

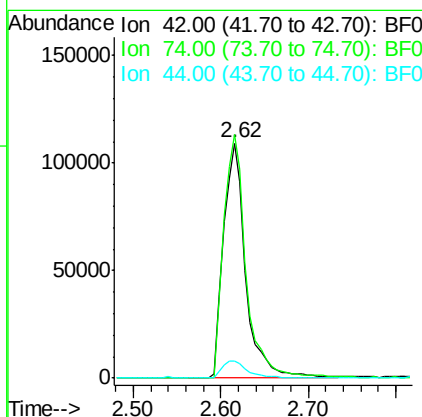
Manual Integrations
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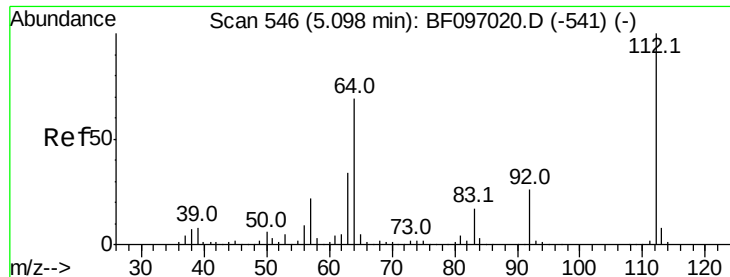
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#4
 n-Nitrosodimethylamine
 Concen: 35.298 ng
 RT: 2.62 min Scan# 124
 Delta R.T. 0.04 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.5	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 108.439 ng

RT: 5.09 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

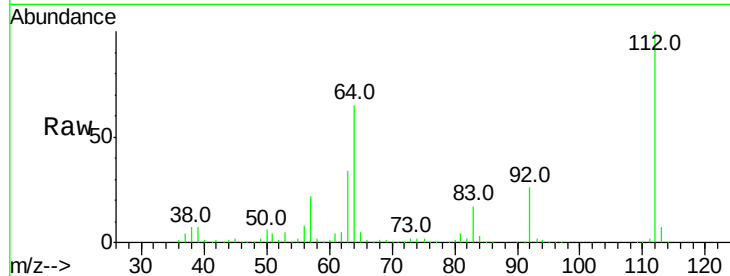
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	112	Resp:	836168
Ion Ratio	Lower	Upper	
112	100		
64	64.7	46.0	69.0
63	33.7	23.4	35.0

Manual Integrations
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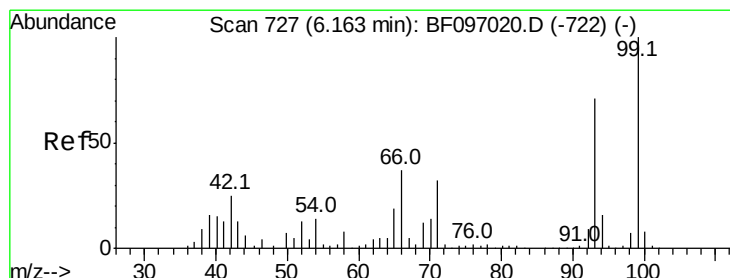
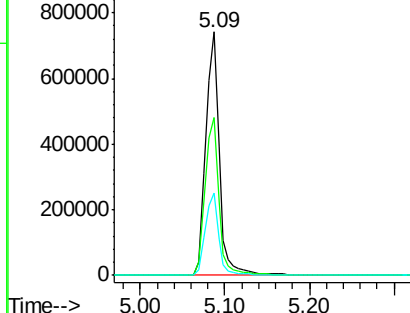
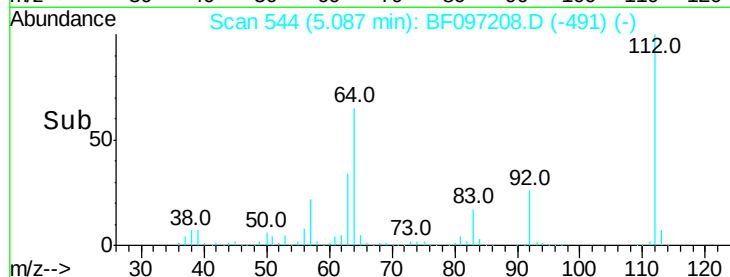
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.463 ng

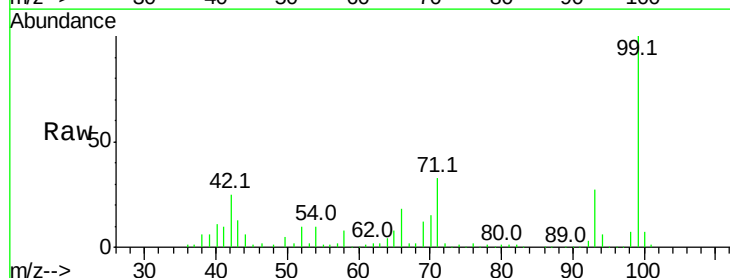
RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

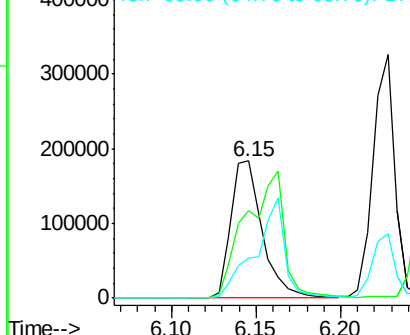
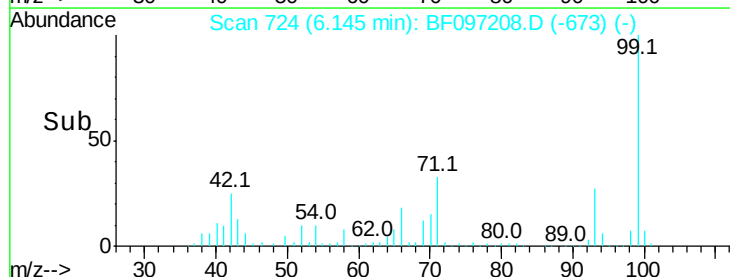
Tgt Ion:	93	Resp:	237763
Ion Ratio	Lower	Upper	
93	100		
66	64.1	32.9	49.3#
65	29.5	16.0	24.0#

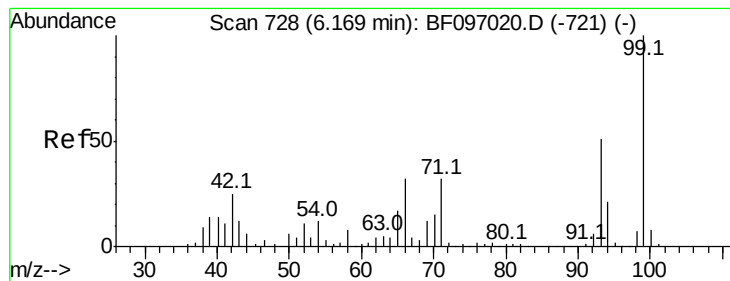


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.324 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 891957

Ion Ratio Lower Upper

99 100

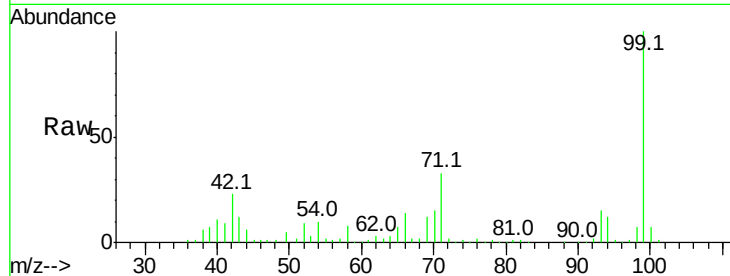
42 23.1 13.5 20.3#

71 32.8 24.5 36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

1000000

800000

600000

400000

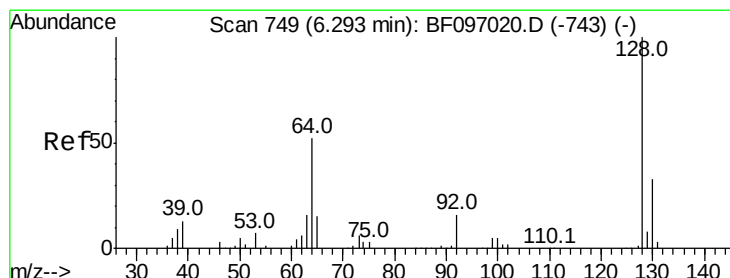
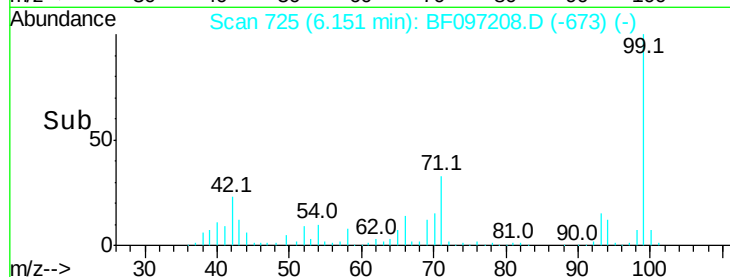
200000

0

6.15

6.10 6.15 6.20 6.25

Time-->



#8

2-Chlorophenol

Concen: 35.742 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

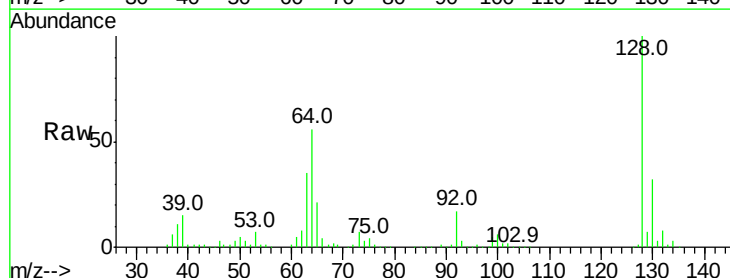
Tgt Ion: 128 Resp: 294698

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 56.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

400000

300000

200000

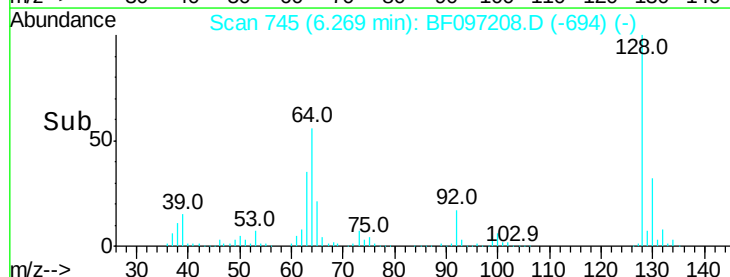
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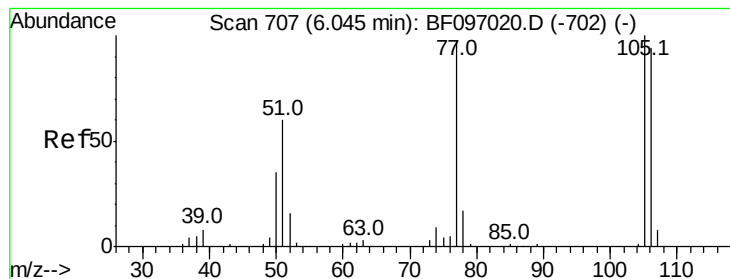
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6.27

6.20 6.25 6.30 6.35

Time-->





#9

Benzaldehyde

Concen: 17.732 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

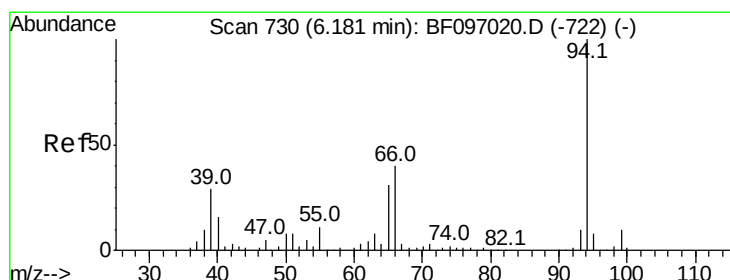
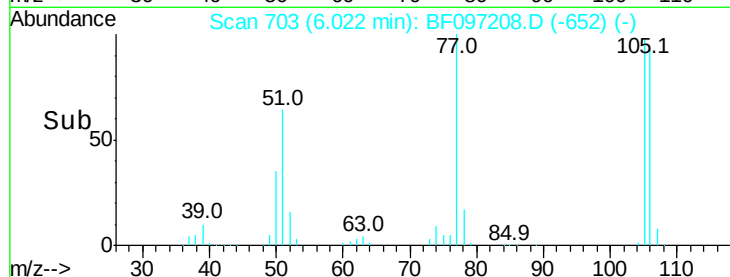
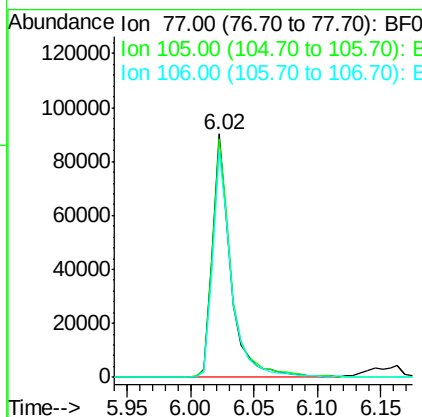
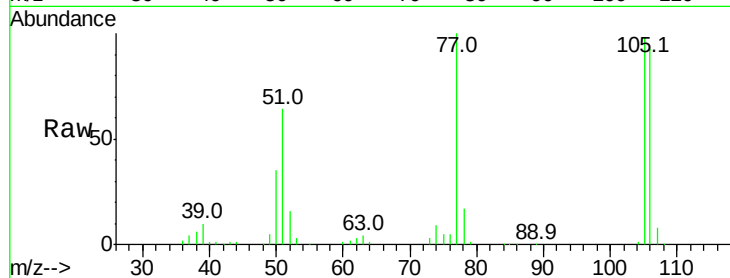
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	77	Resp:	92391
Ion	Ratio	Lower	Upper
77	100		
105	97.7	83.8	123.8
106	92.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 36.354 ng

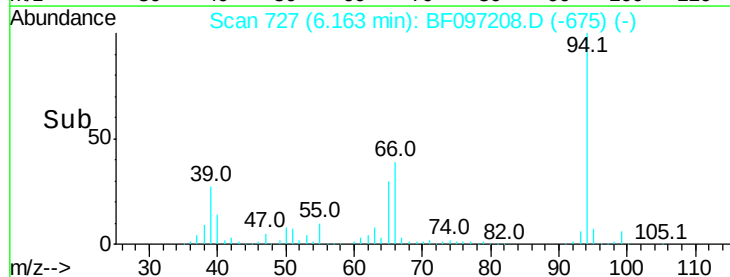
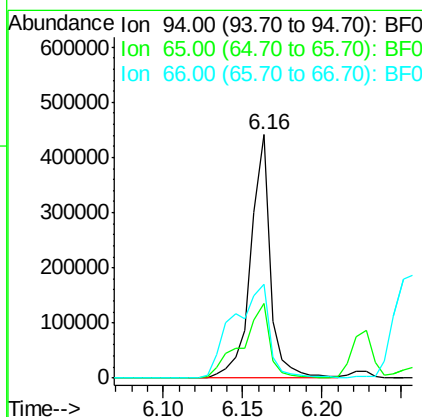
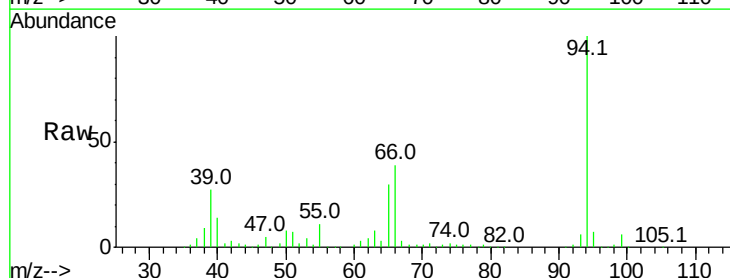
RT: 6.16 min Scan# 727

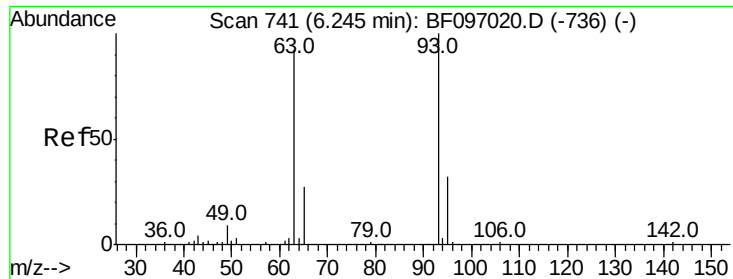
Delta R.T. 0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	94	Resp:	379595
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.9	49.9
66	38.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 35.173 ng

RT: 6.23 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

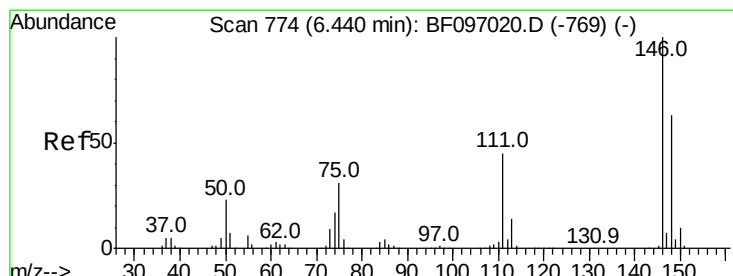
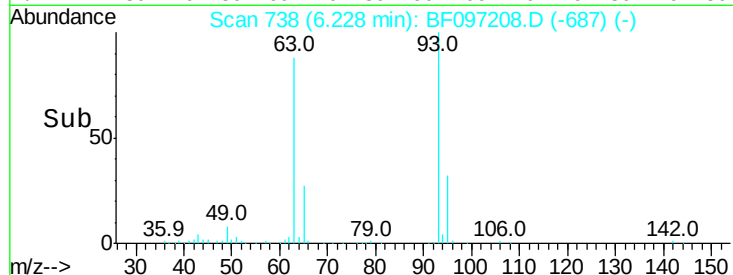
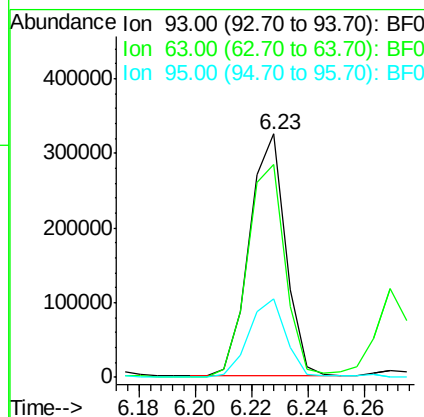
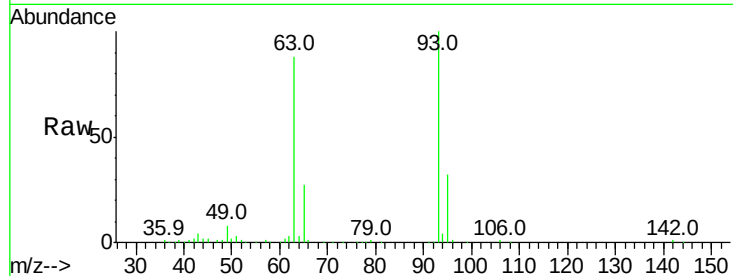
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	93	Resp:	290473
Ion Ratio	Lower	Upper	
93	100		
63	87.6	59.2	99.2
95	32.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.122 ng

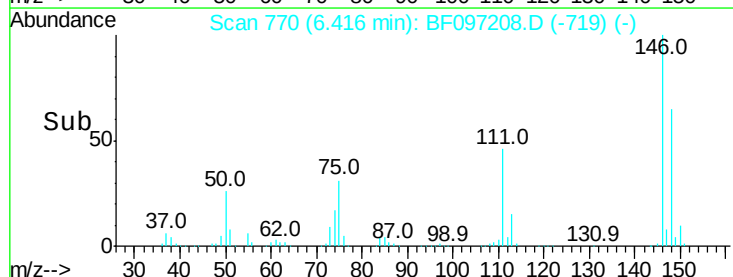
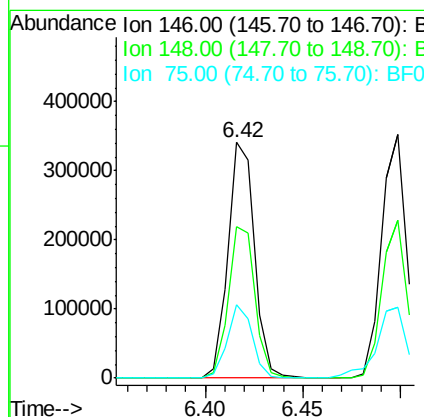
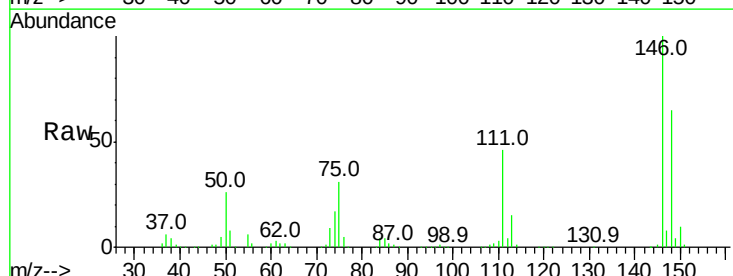
RT: 6.42 min Scan# 770

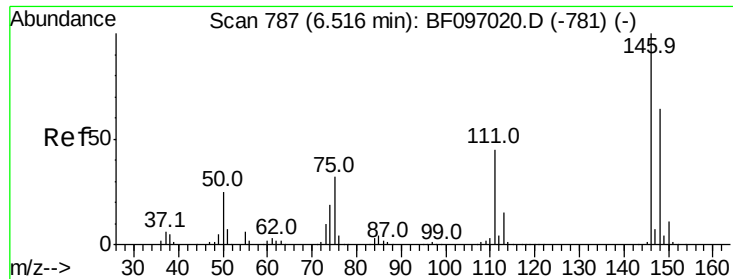
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	146	Resp:	320969
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.6
75	31.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 36.472 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

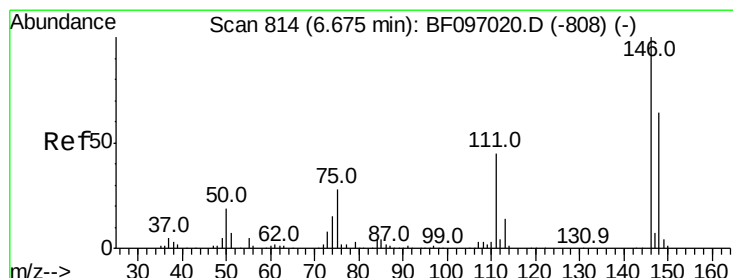
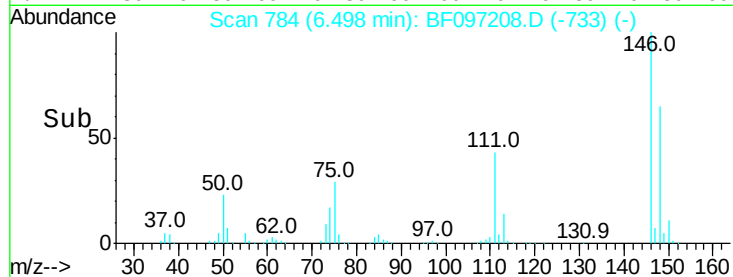
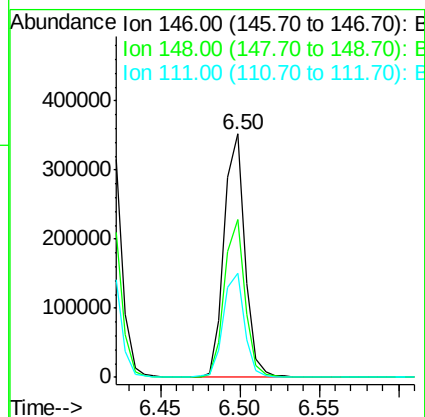
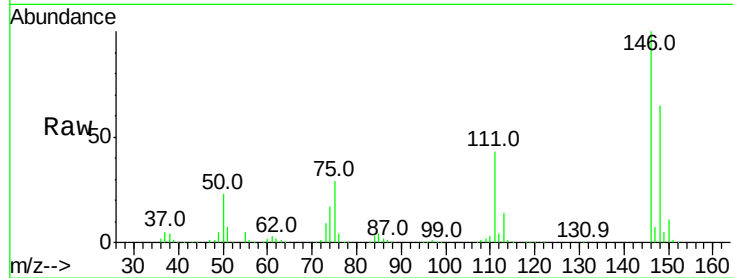
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	146	Resp:	321167
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	43.0	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.640 ng

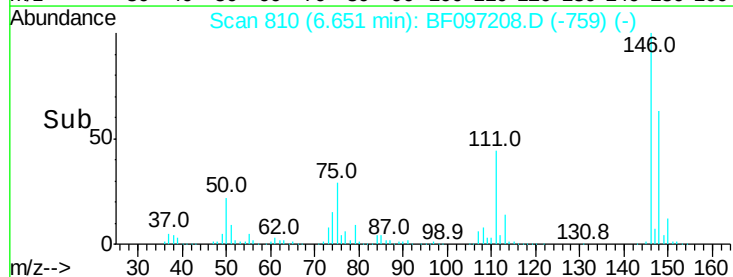
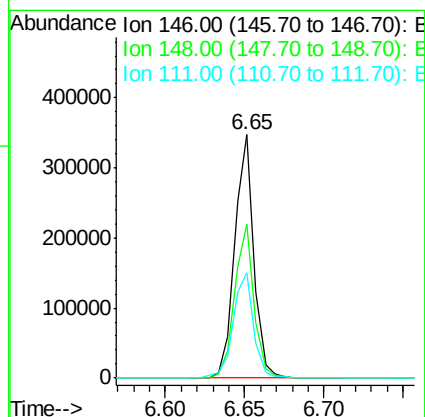
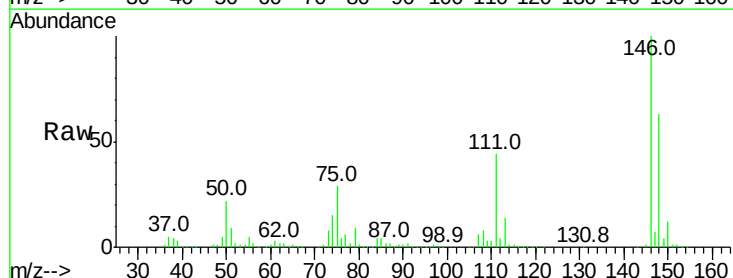
RT: 6.65 min Scan# 810

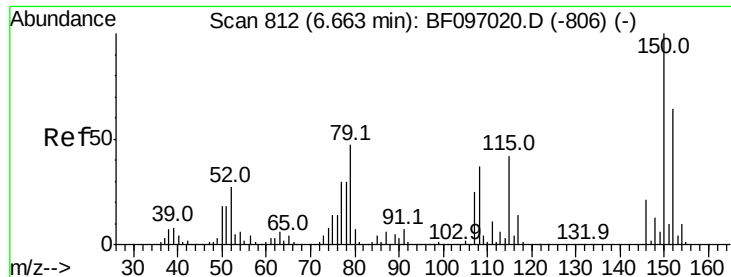
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	146	Resp:	289401
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
111	43.5	38.2	57.4





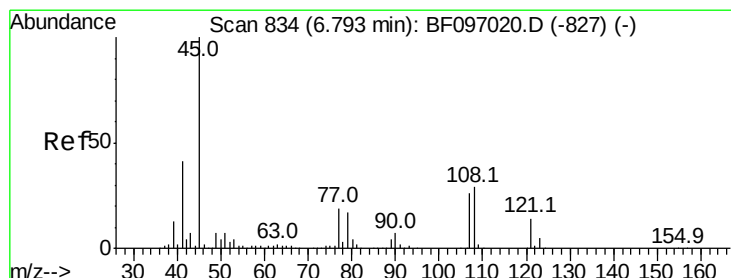
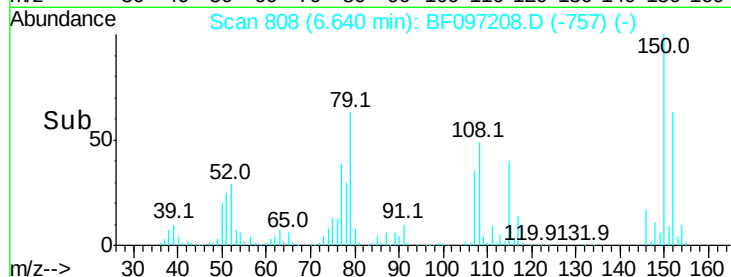
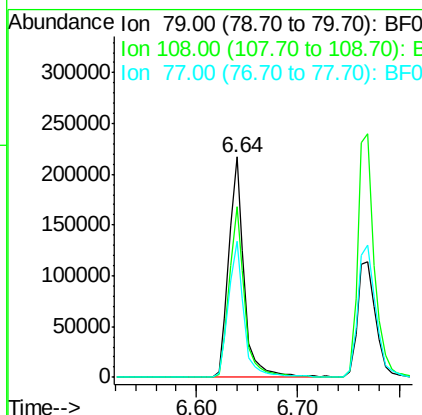
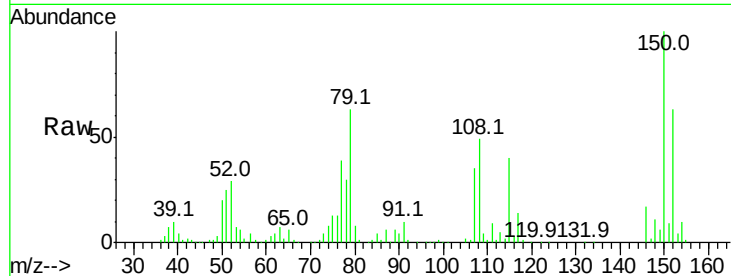
#15
Benzyl Alcohol
Concen: 41.119 ng
RT: 6.64 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	63.4	95.0
77	62.1	49.2	73.8

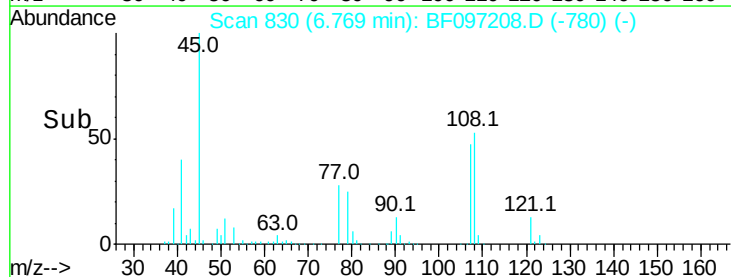
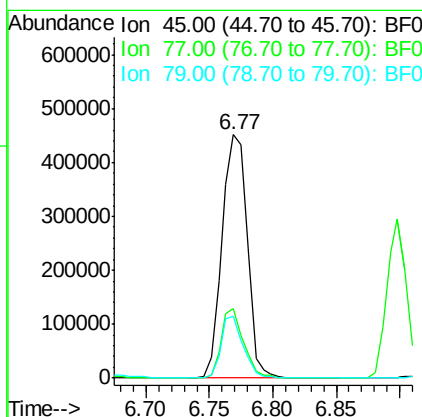
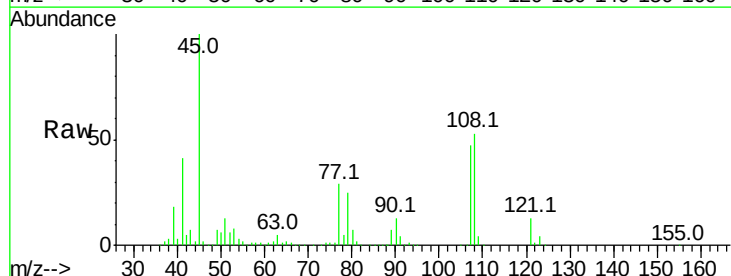
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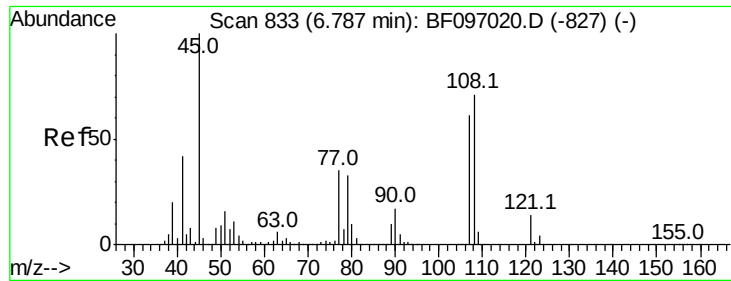
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.485 ng
RT: 6.77 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.7	0.0	33.2
79	25.3	0.0	30.0





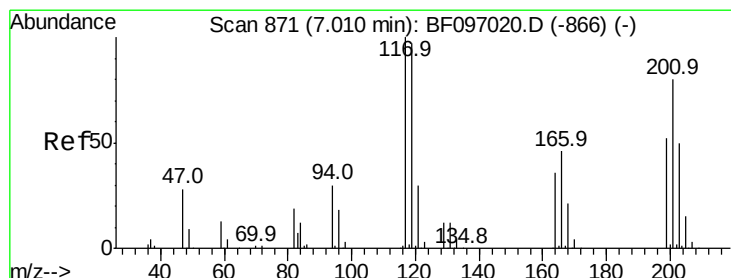
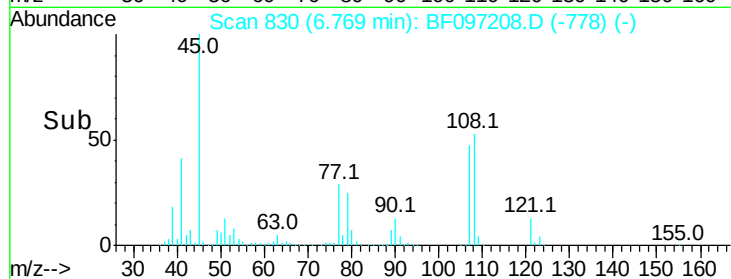
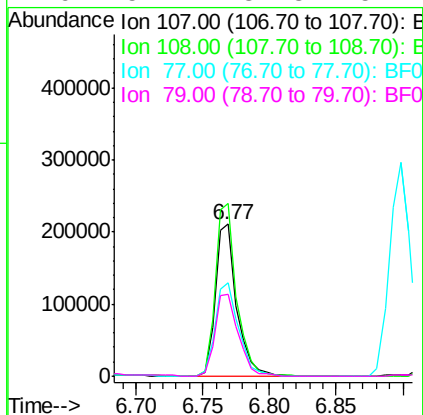
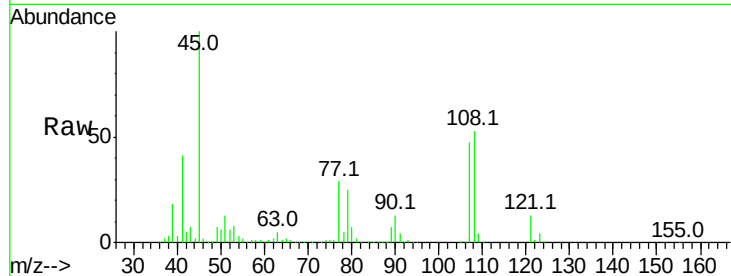
#17
2-Methylphenol
Concen: 37.443 ng
RT: 6.77 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.0
77	61.6	35.8	53.6#
79	54.4	34.8	52.2#

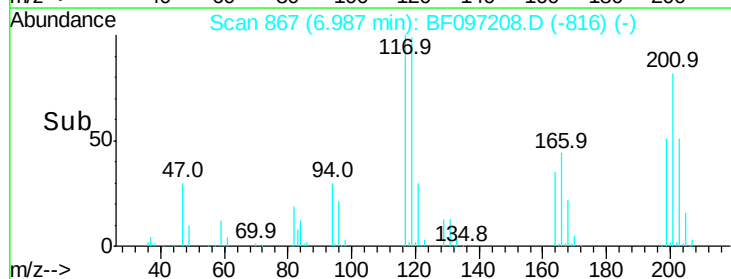
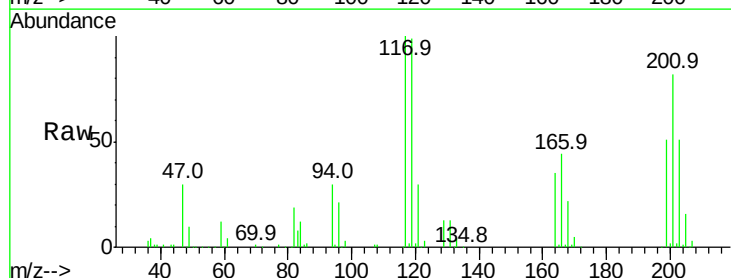
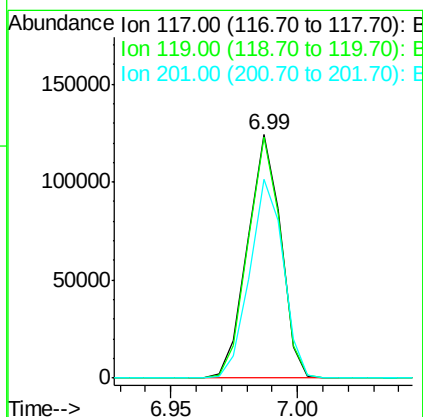
Manual Integrations
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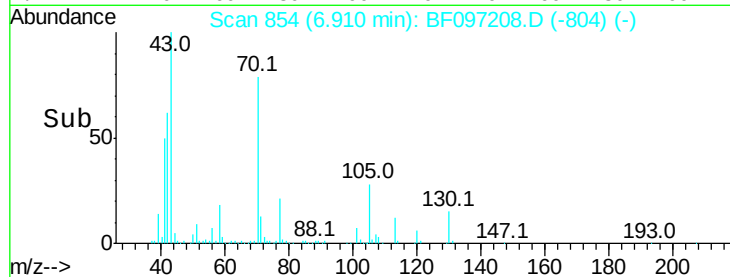
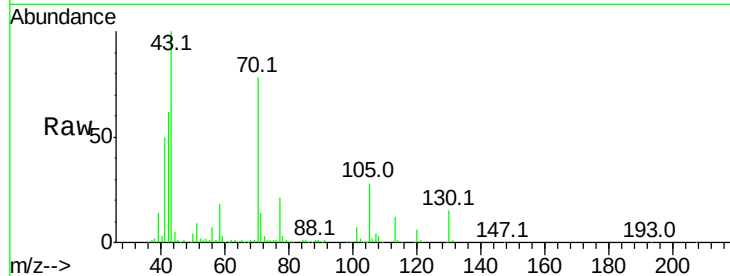
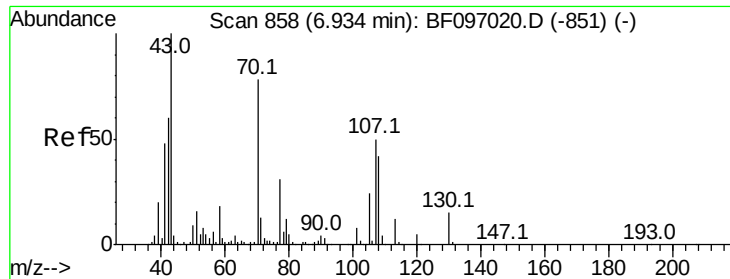
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#18
Hexachloroethane
Concen: 35.247 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.4	116.0
201	81.8	94.6	141.8#





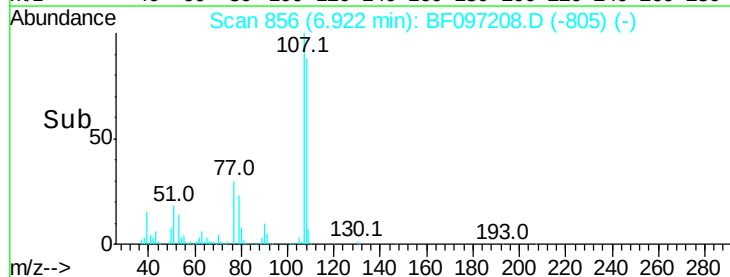
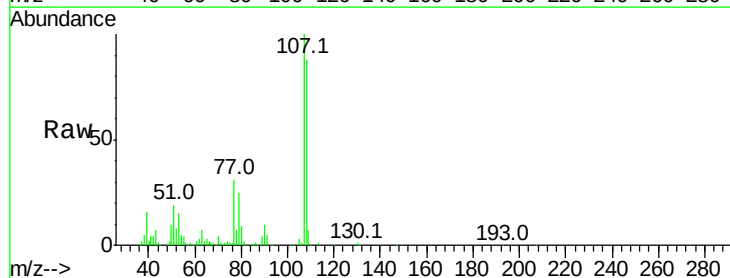
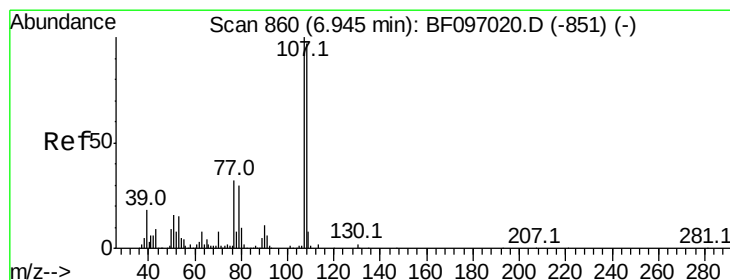
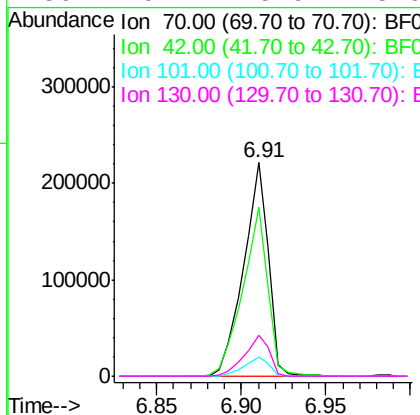
#19
n-Nitroso-di-n-propylamine
Concen: 39.229 ng
RT: 6.91 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.2	47.2	70.8#
101	8.8	7.2	10.8
130	19.1	15.9	23.9

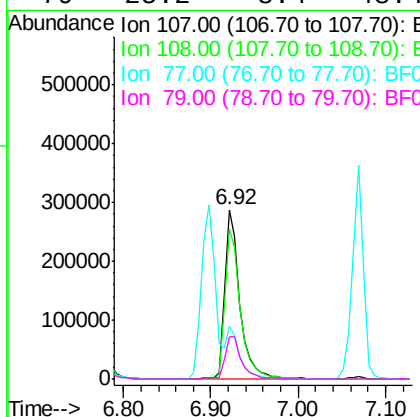
Manual Integrations
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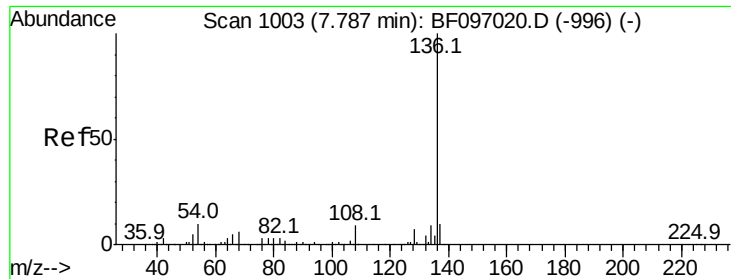
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#20
3+4-Methylphenols
Concen: 40.839 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	31.2	90.5	130.5#
79	25.2	8.4	48.4





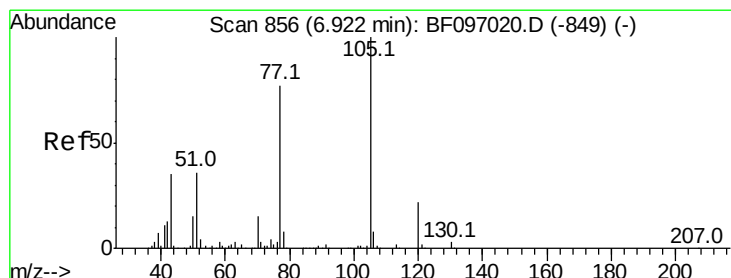
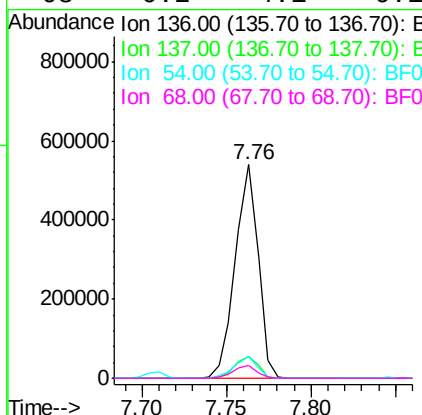
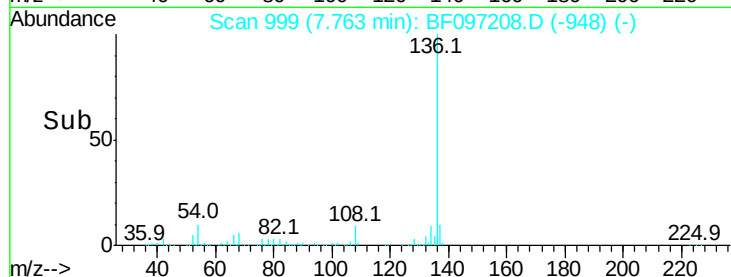
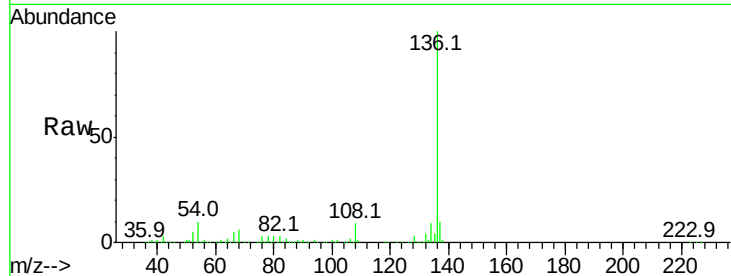
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	510252		
137	10.5		8.5	12.7
54	10.3		4.9	7.3#
68	6.2		4.1	6.1#

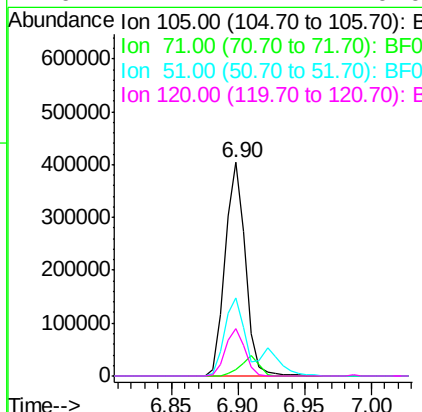
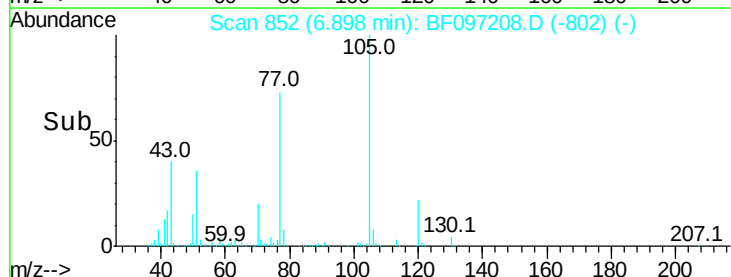
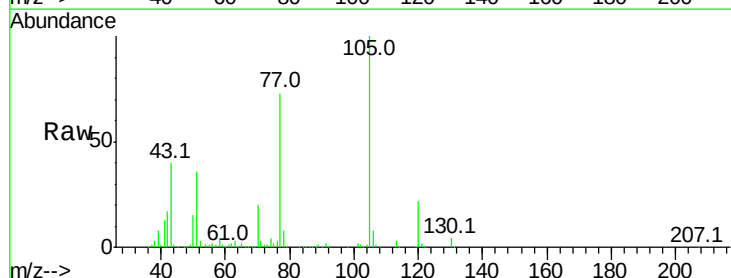
Manual Integrations
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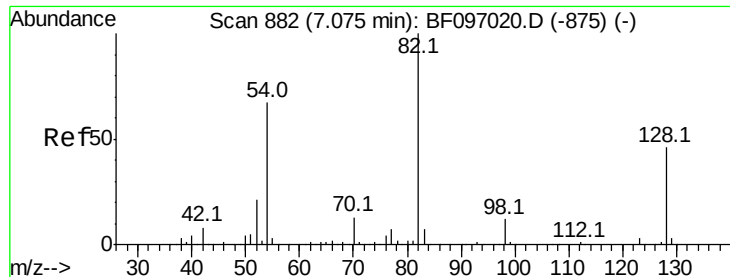
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#22
Acetophenone
Concen: 35.221 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	431585		
71	3.1		2.8	4.2
51	36.5		30.7	46.1
120	22.2		17.4	26.0





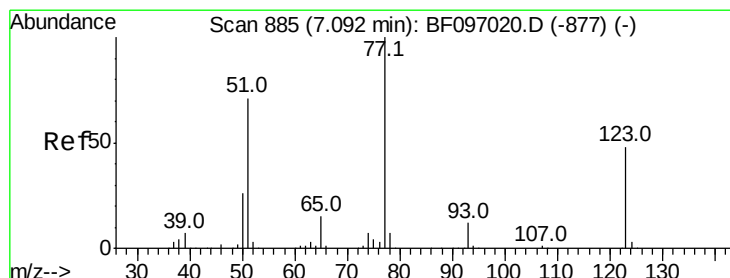
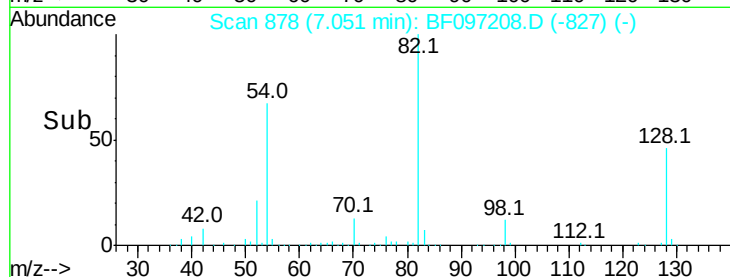
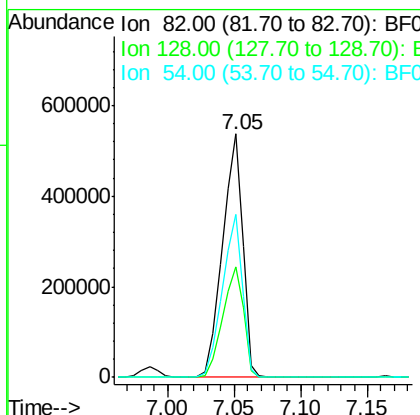
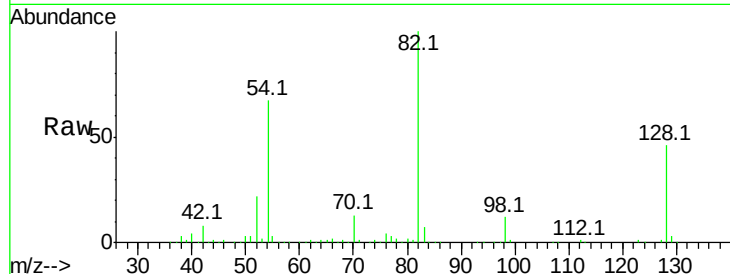
#23
 Nitrobenzene-d5
 Concen: 66.380 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	66.7	42.2	63.2

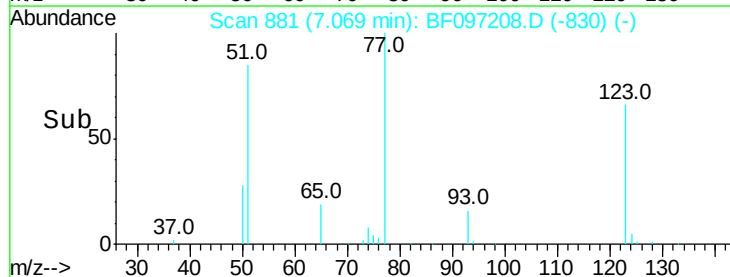
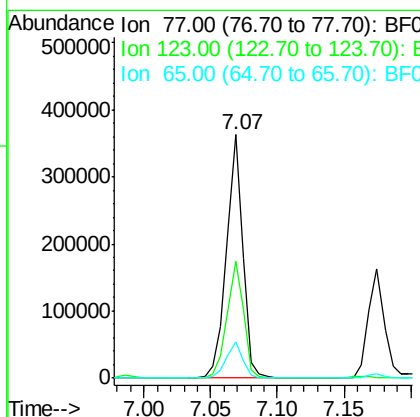
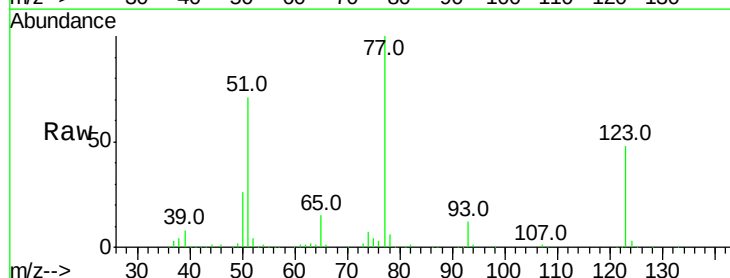
Manual Integrations
 APPROVED

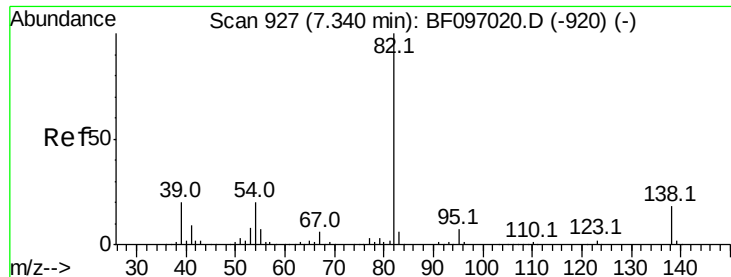
Sohil
 8/1/2017 5:44:33 PM



#24
 Nitrobenzene
 Concen: 35.109 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 31.797 ng

RT: 7.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

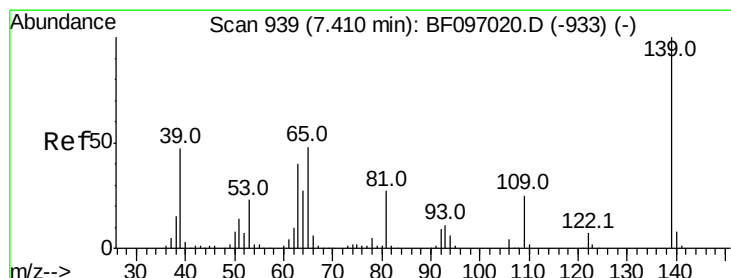
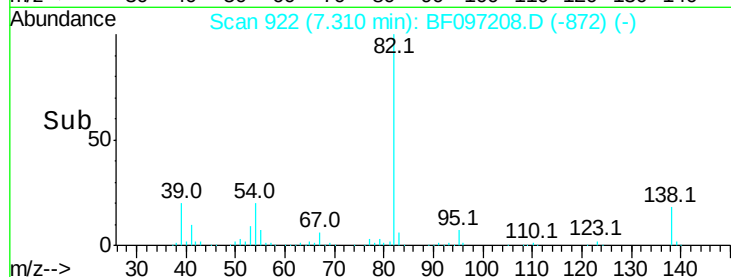
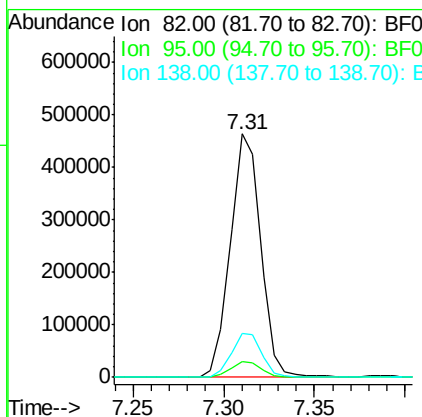
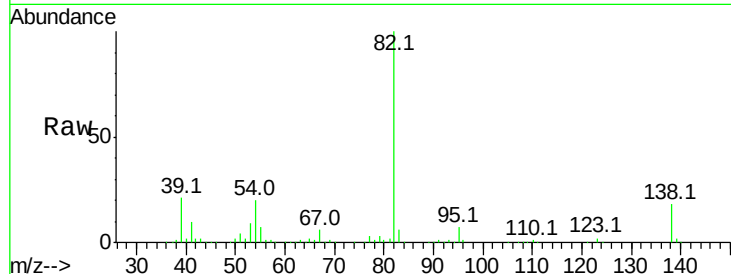
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	82	Resp:	541613
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.1	13.1	19.7

Manual Integrations
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8/1/2017 5:44:33 PM



#26

2-Nitrophenol

Concen: 33.558 ng

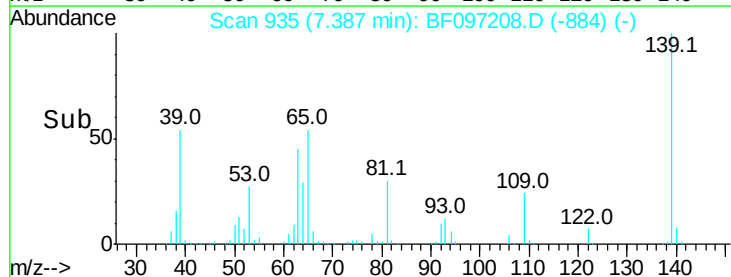
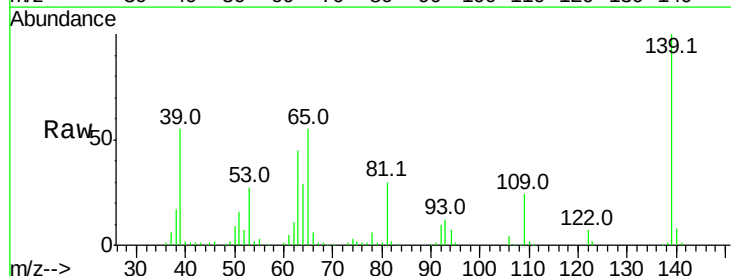
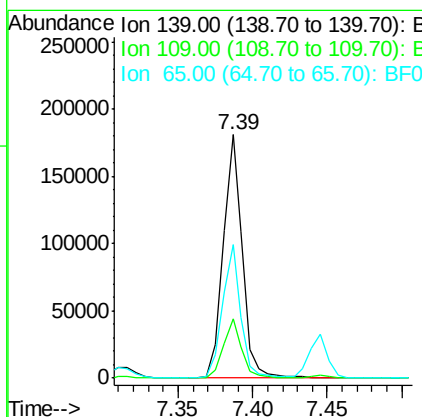
RT: 7.39 min Scan# 935

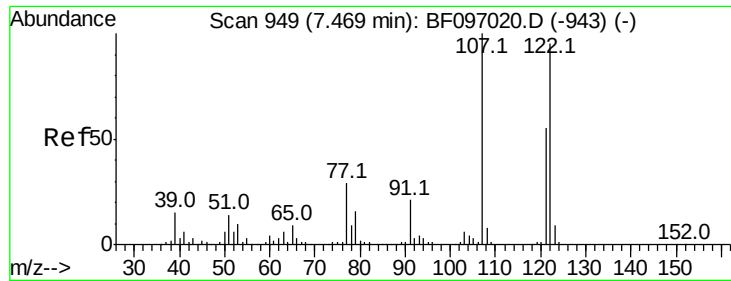
Delta R.T. 0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	139	Resp:	164464
Ion Ratio	Lower	Upper	
139	100		
109	24.3	21.0	31.6
65	54.6	33.0	49.6#





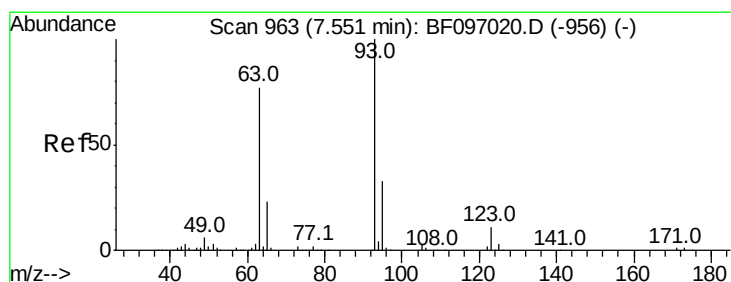
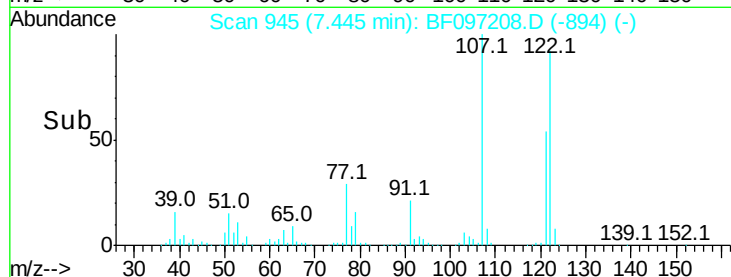
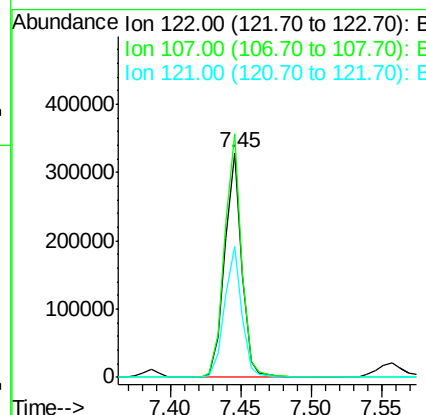
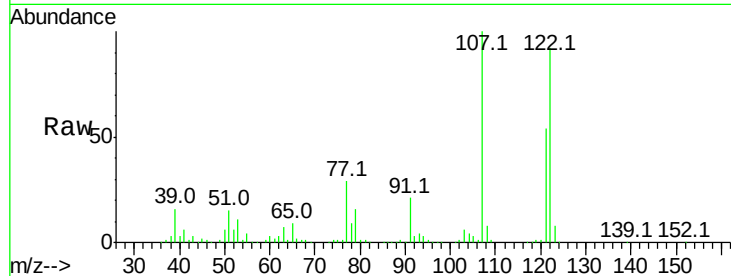
#27
2,4-Dimethylphenol
Concen: 34.417 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	89.2	133.8
121	58.3	45.2	67.8

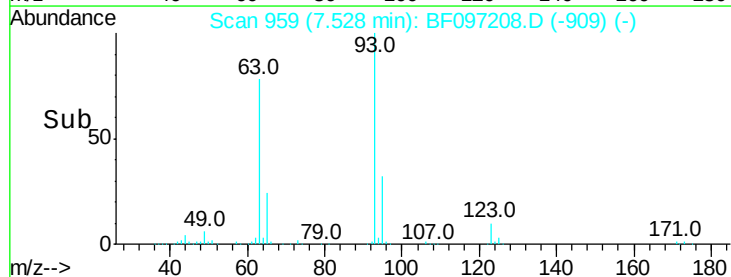
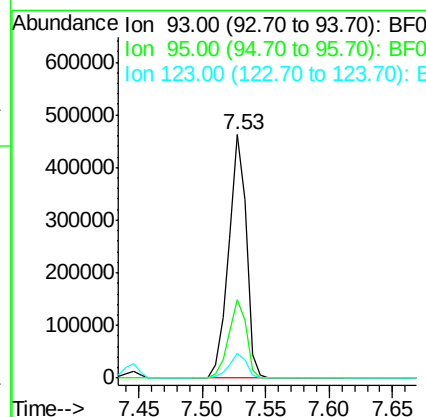
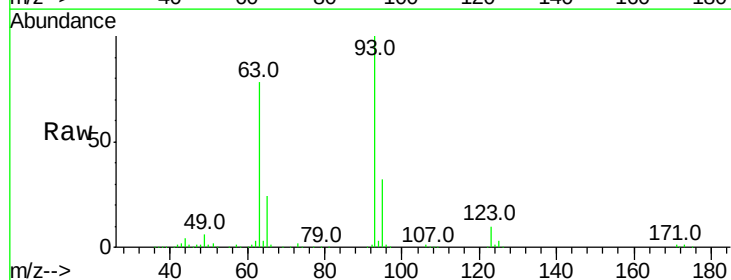
Manual Integrations
APPROVED

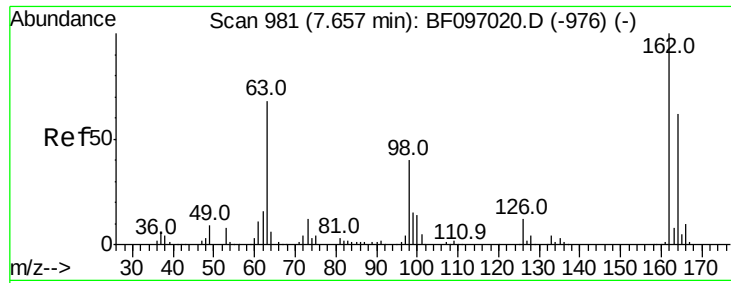
Sohil
8/1/2017 5:44:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.075 ng
RT: 7.53 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.1	9.0	13.4





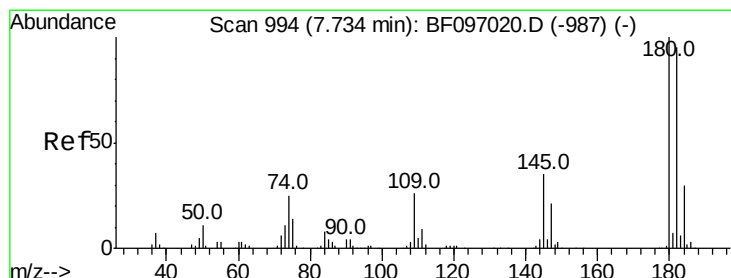
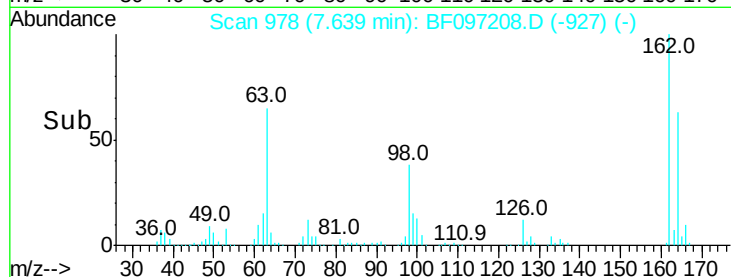
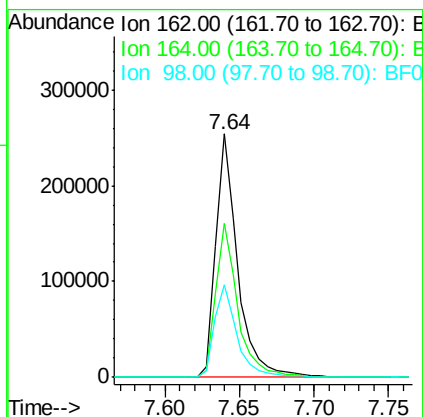
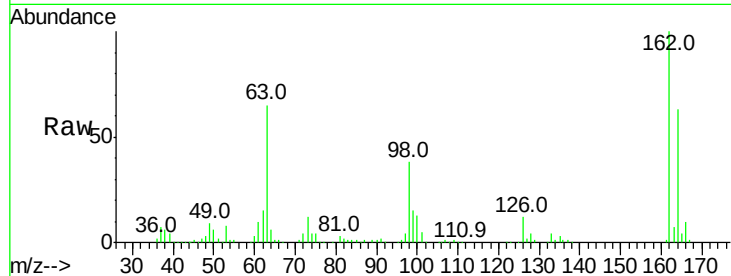
#29
2,4-Dichlorophenol
Concen: 37.462 ng
RT: 7.64 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	44.6	84.6
98	38.2	14.8	54.8

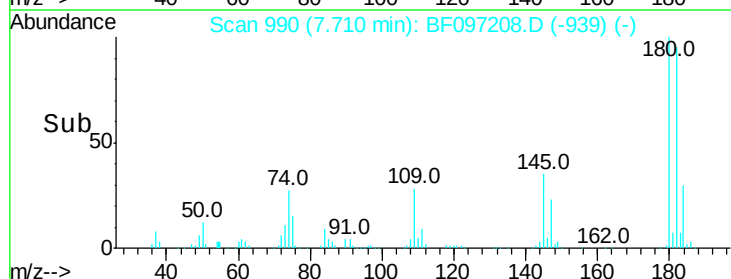
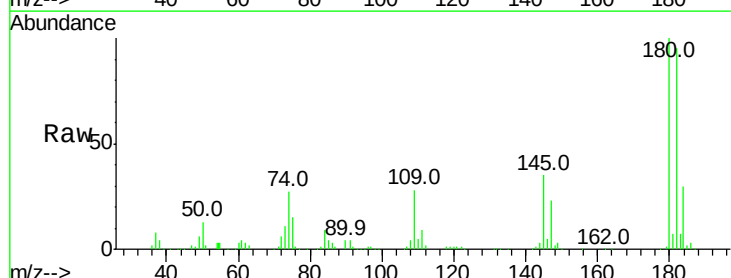
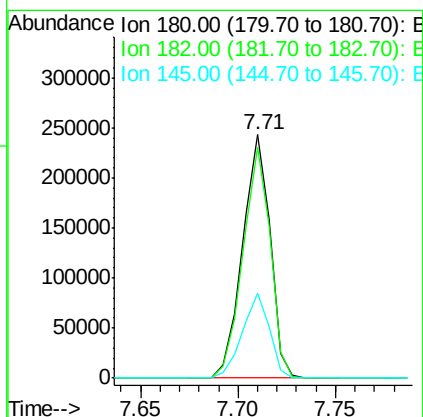
Manual Integrations
APPROVED

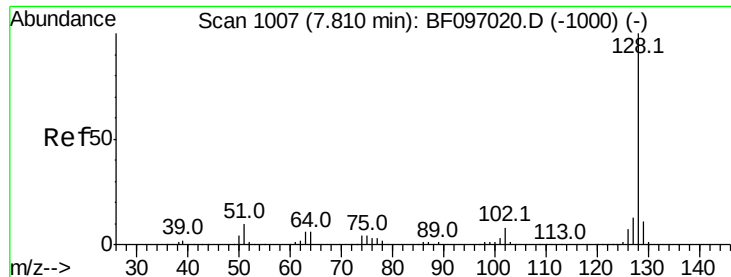
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 35.737 ng
RT: 7.71 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	75.8	113.6
145	35.0	25.3	37.9





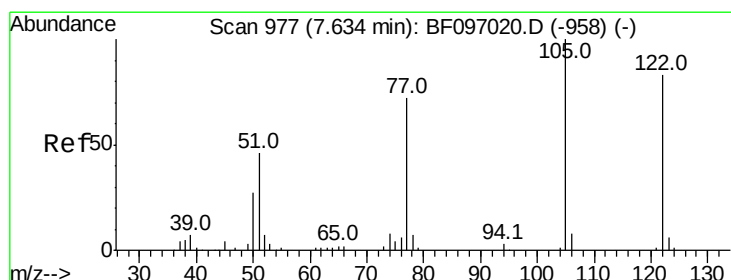
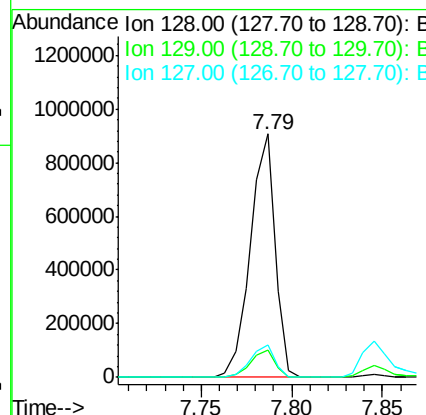
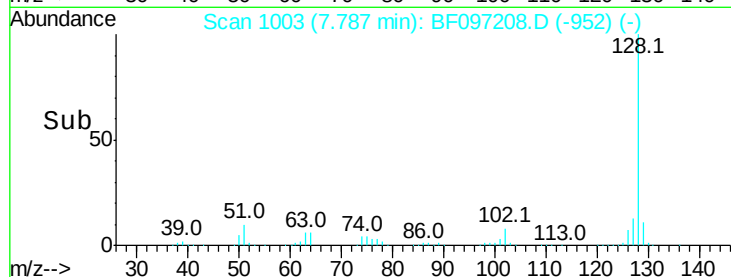
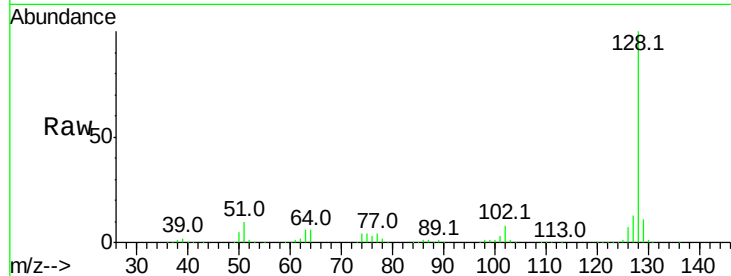
#31
Naphthalene
Concen: 35.857 ng
RT: 7.79 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.8	16.2

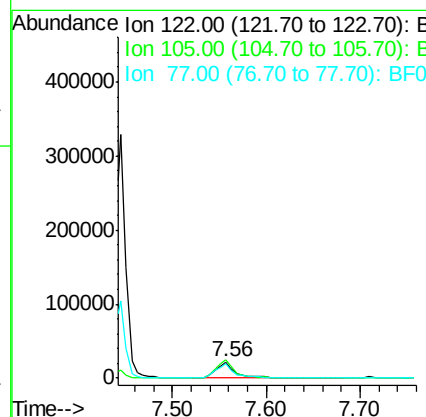
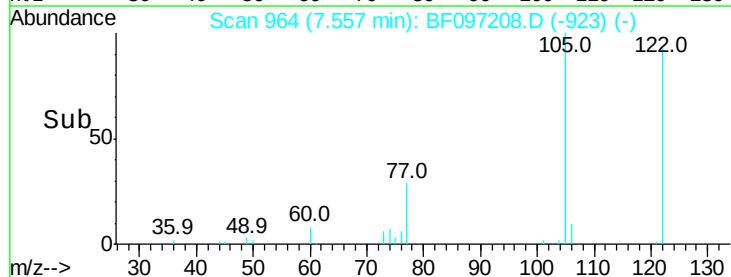
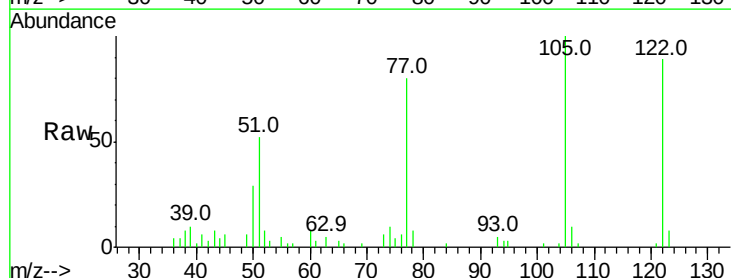
Manual Integrations
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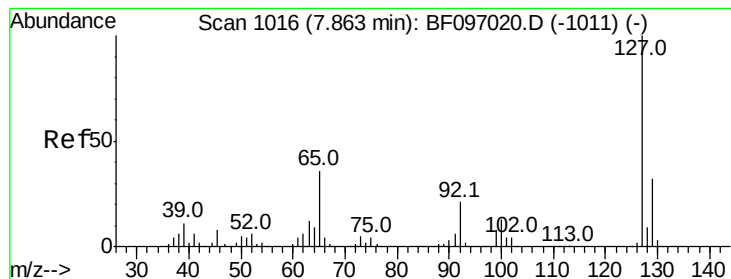
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#32
Benzoic acid
Concen: 5.618 ng
RT: 7.56 min Scan# 964
Delta R.T. -0.06 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.9	103.3	143.3
77	89.6	73.7	113.7





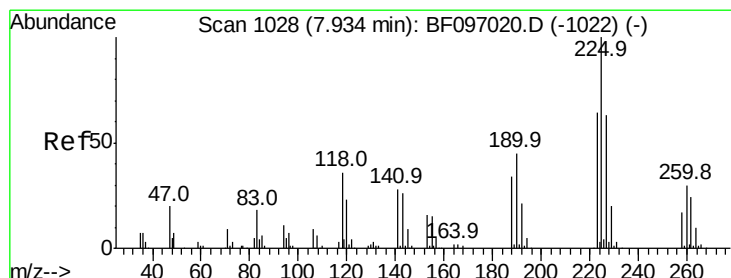
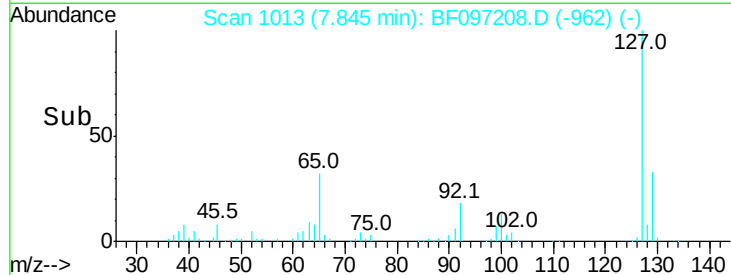
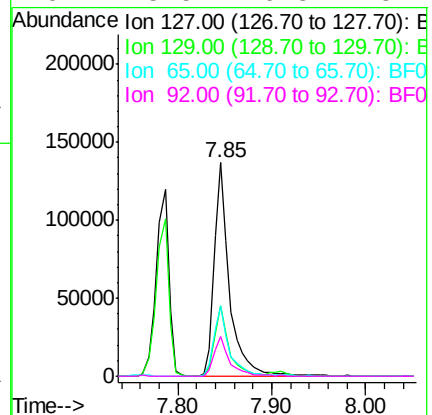
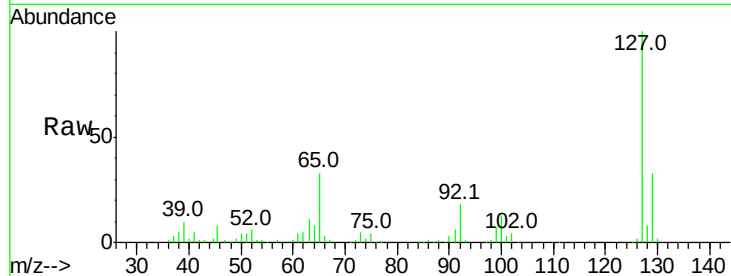
#33
 4-Chloroaniline
 Concen: 16.162 ng
 RT: 7.85 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		158180		
129	32.9	26.2	39.2		
65	32.9	27.8	41.8		
92	18.5	16.8	25.2		

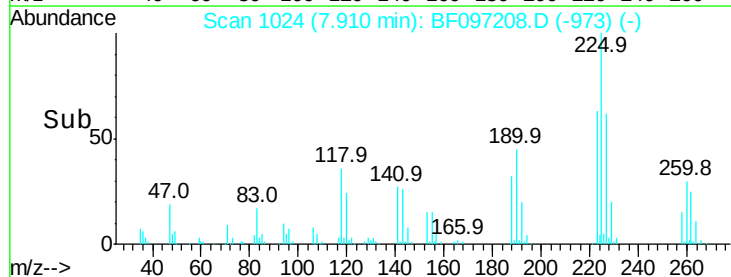
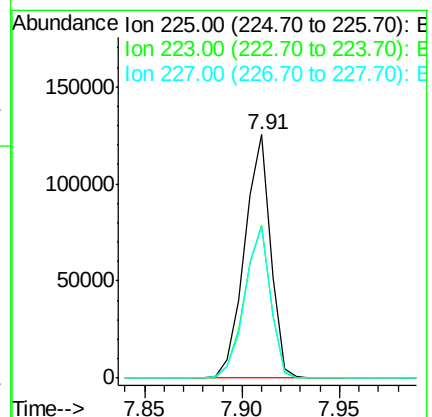
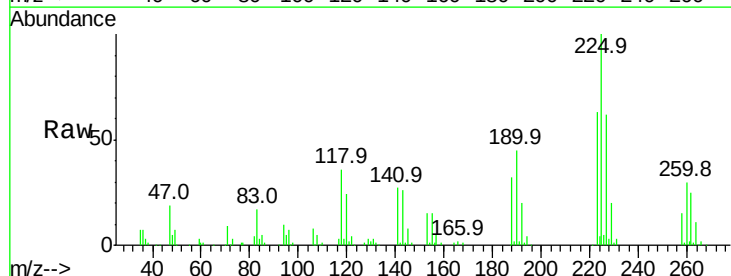
Manual Integrations
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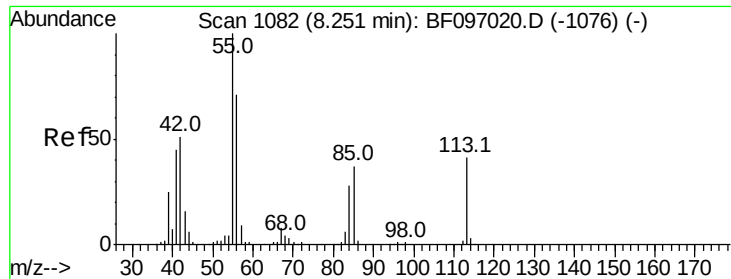
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#34
 Hexachlorobutadiene
 Concen: 32.924 ng
 RT: 7.91 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		115872		
223	62.9	48.8	73.2		
227	62.2	51.1	76.7		





#35

Caprolactam

Concen: 36.142 ng/ml

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampled :

E2-HS5-BASEMS

Tot Ion:113 Resp: 80714

Ion Ratio Lower Upper

113 100

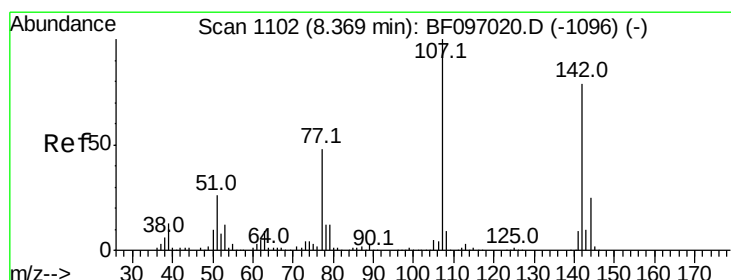
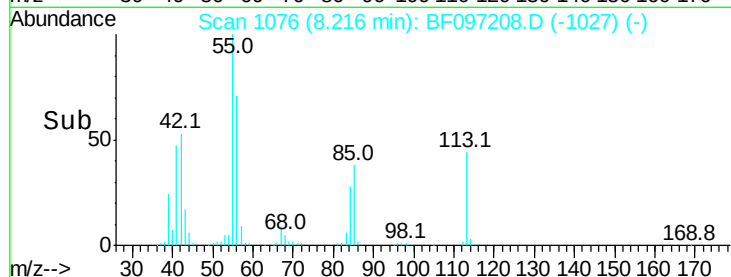
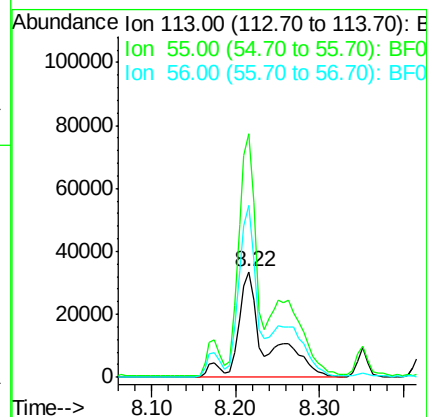
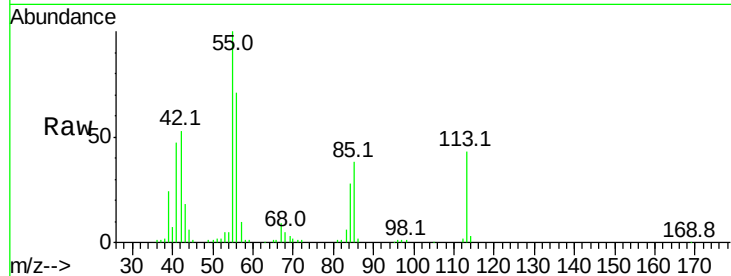
55 230.4 150.2 190.2#

56 162.7 107.8 147.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 36.152 ng/ml

RT: 8.35 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

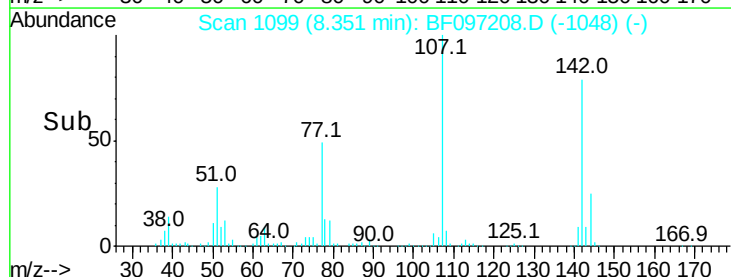
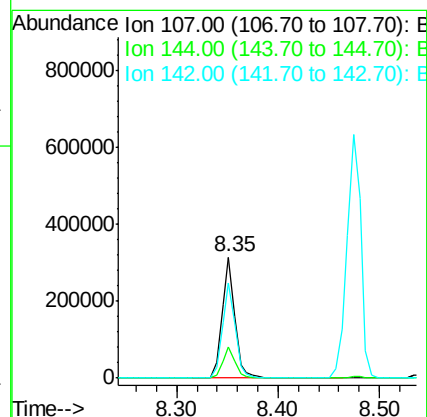
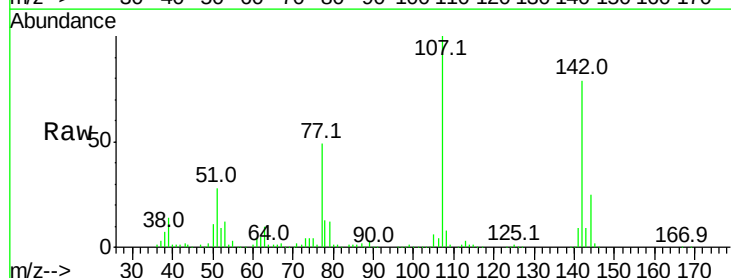
Tgt Ion:107 Resp: 274691

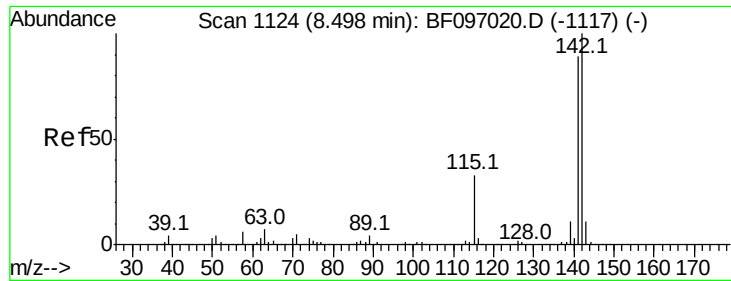
Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

142 78.9 73.4 110.0





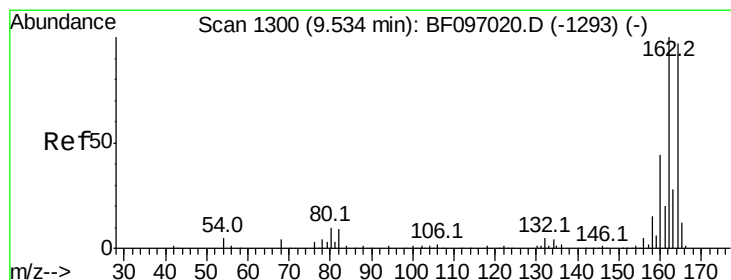
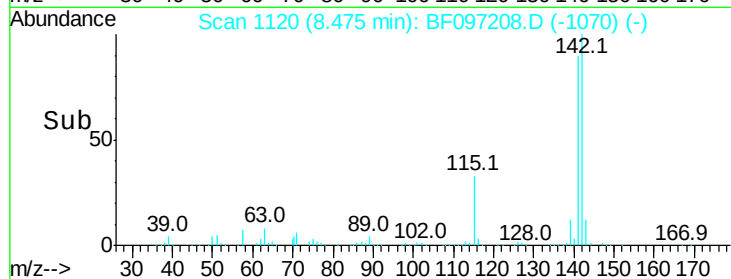
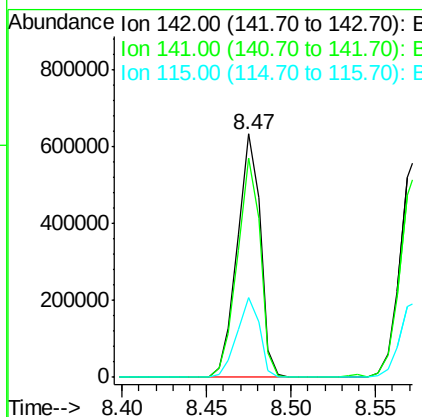
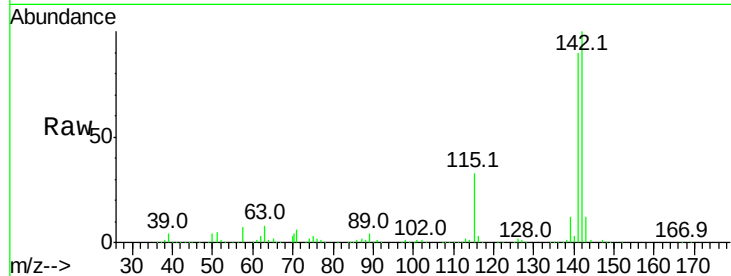
#37
 2-Methylnaphthalene
 Concen: 39.561 ng
 RT: 8.47 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	33.0	27.1	40.7

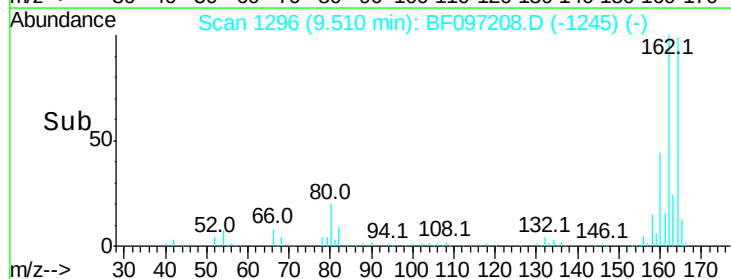
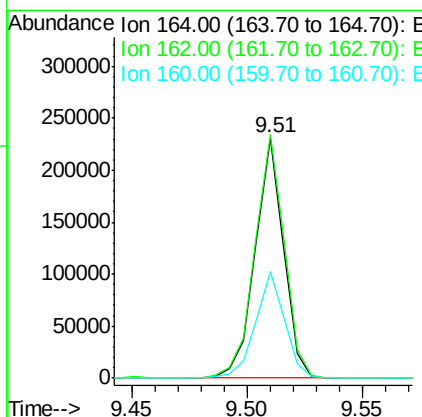
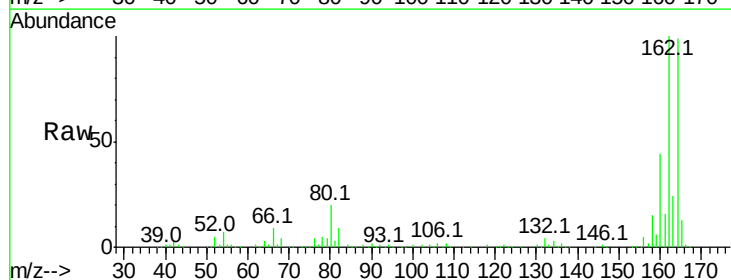
Manual Integrations
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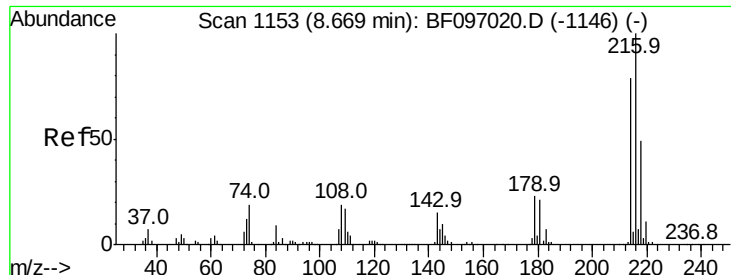
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	44.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.271 ng

RT: 8.65 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

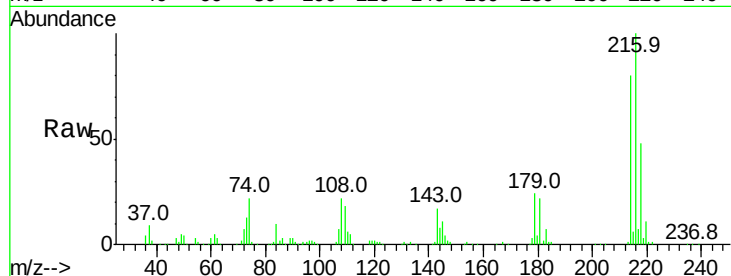
ClientSampleId :

E2-HS5-BASEMS

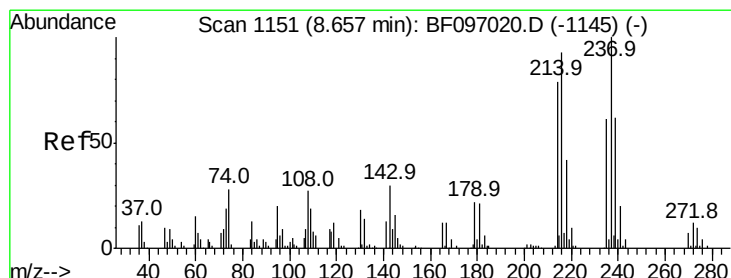
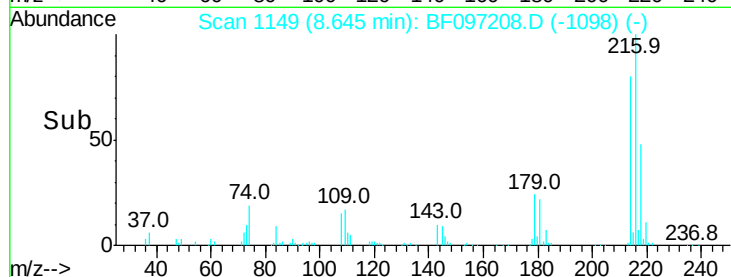
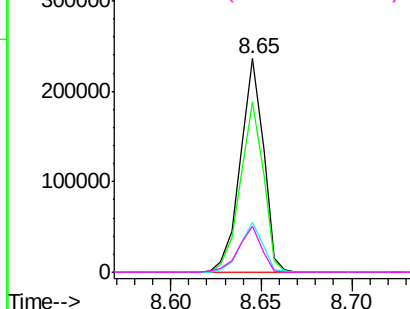
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.4	95.2
179	23.0	17.9	26.9
108	21.9	16.5	24.7

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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: 23.935 ng

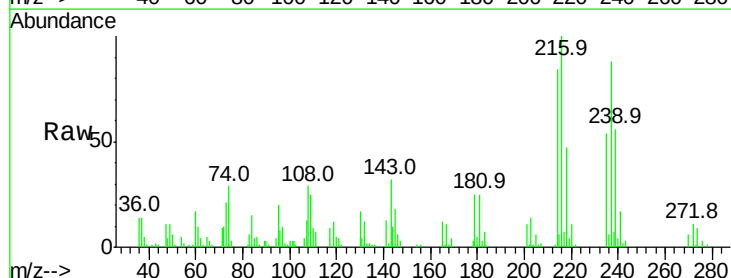
RT: 8.63 min Scan# 1147

Delta R.T. -0.00 min

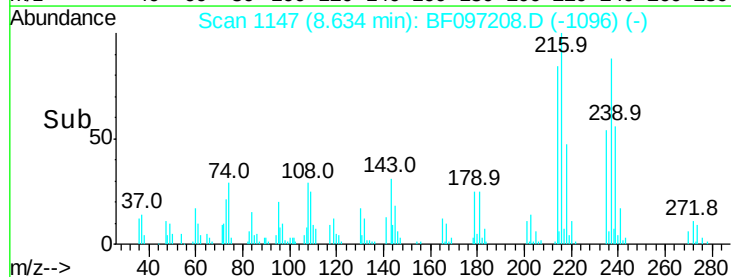
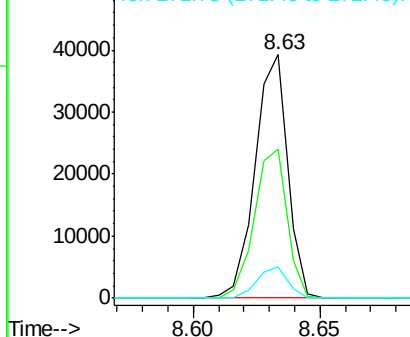
Lab File: BF097208.D

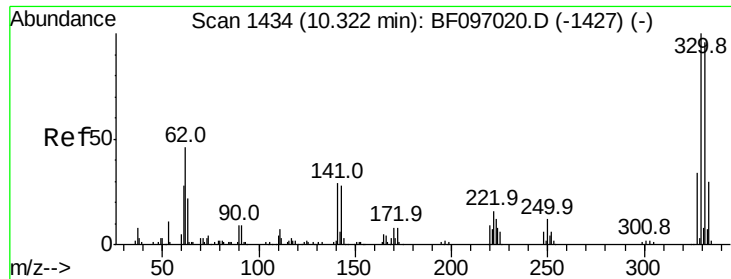
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.1	42.6	82.6
272	13.0	0.0	31.9



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





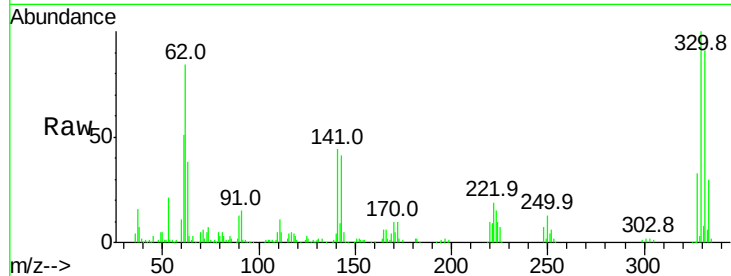
#41
 2,4,6-Tribromophenol
 Concen: 99.453 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

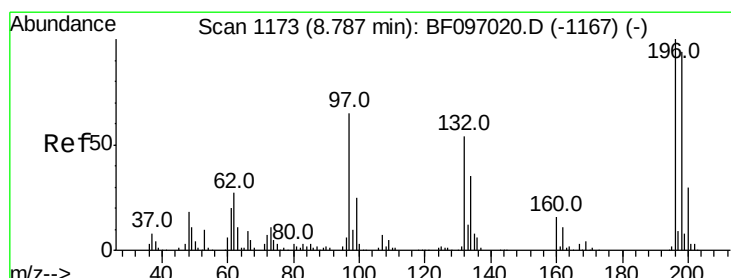
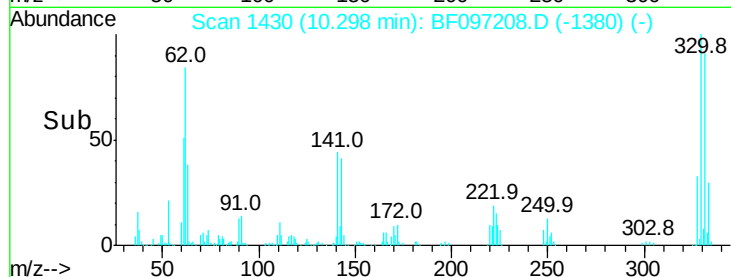
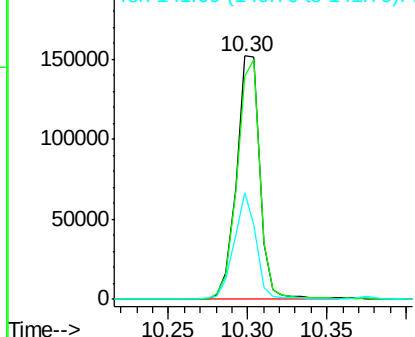
Tot Ion	Ratio	Resp	Lower	Upper
330	100	156551		
332	95.7	76.6	115.0	
141	41.2	31.4	47.2	

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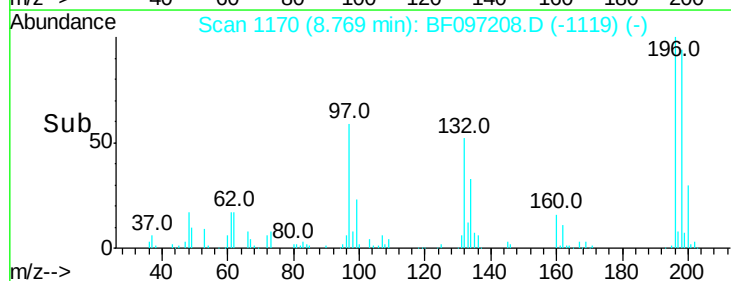
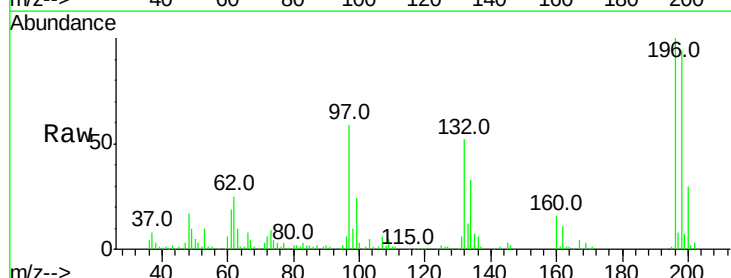
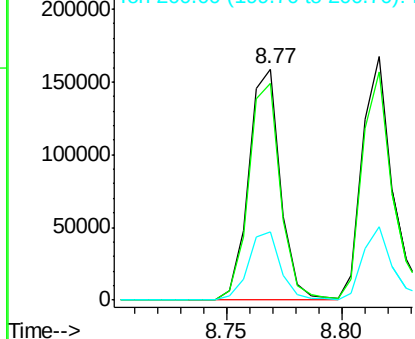
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

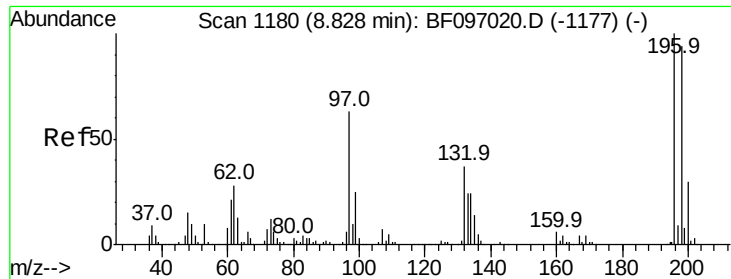


#42
 2,4,6-Trichlorophenol
 Concen: 39.809 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153359		
198	93.9	74.2	111.4	
200	29.7	24.0	36.0	

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





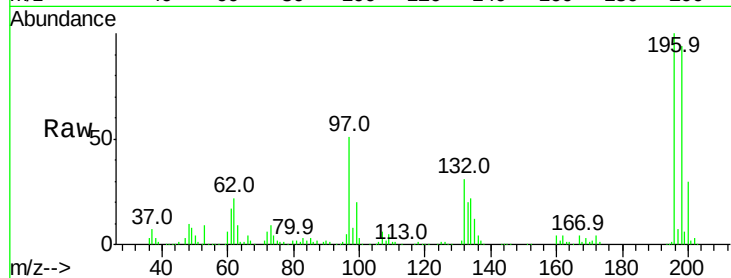
#43
 2,4,5-Trichlorophenol
 Concen: 40.684 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	196	Resp	156872
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.7	113.5
97	50.7	47.7	71.5
132	31.4	28.0	42.0

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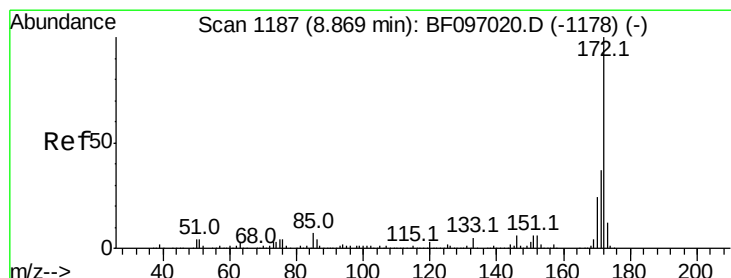
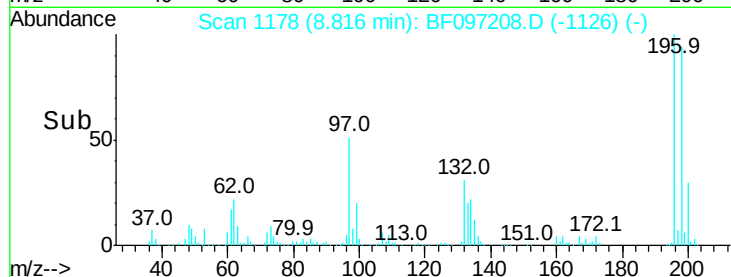
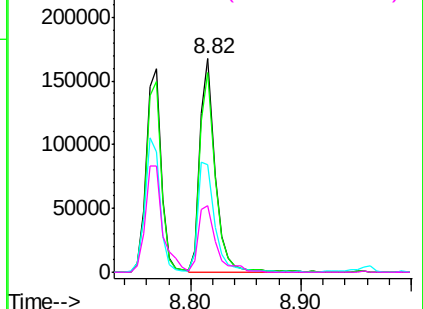
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.401 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

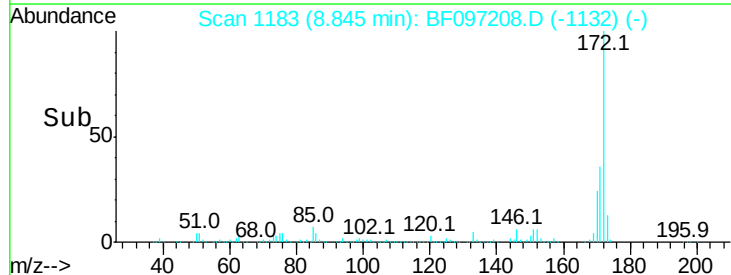
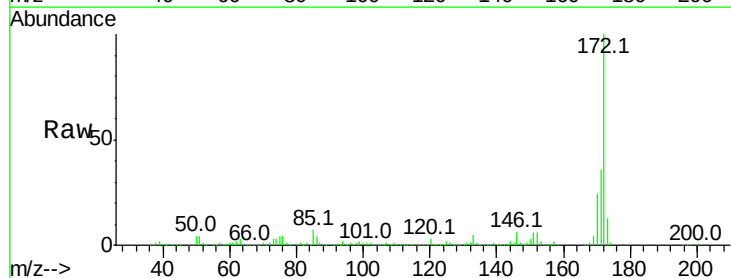
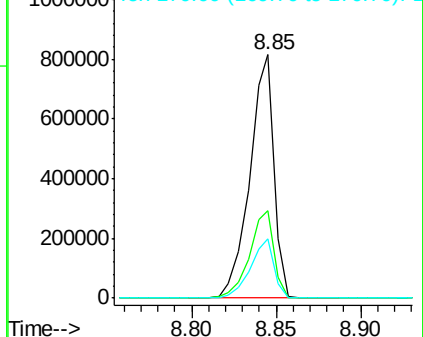
Tgt Ion	172	Resp	814732
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

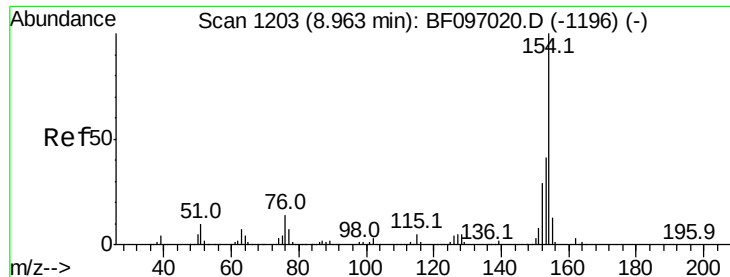
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





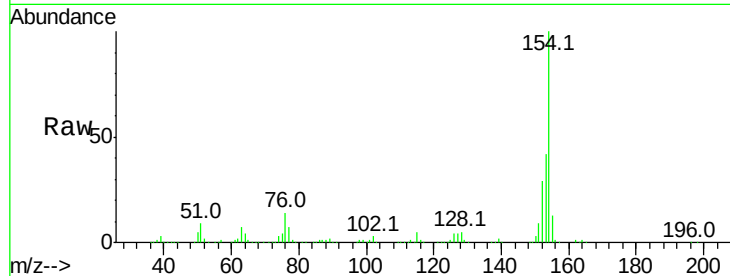
#45
 1,1'-Biphenyl
 Concen: 36.468 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

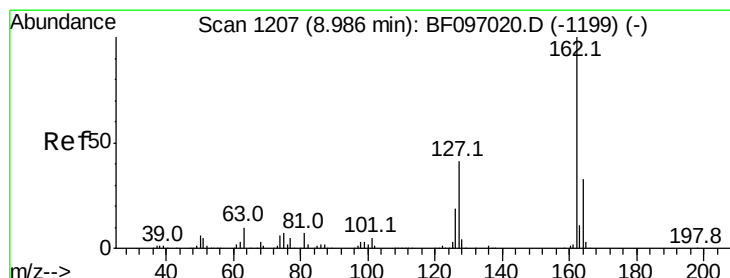
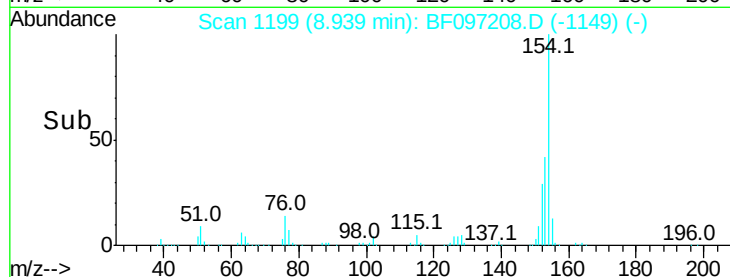
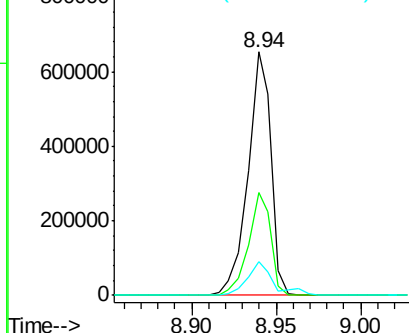
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	13.6	0.0	29.9

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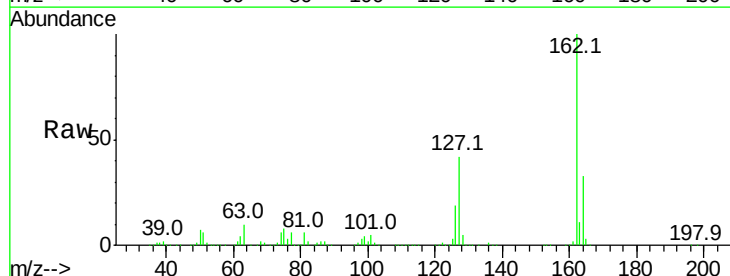


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

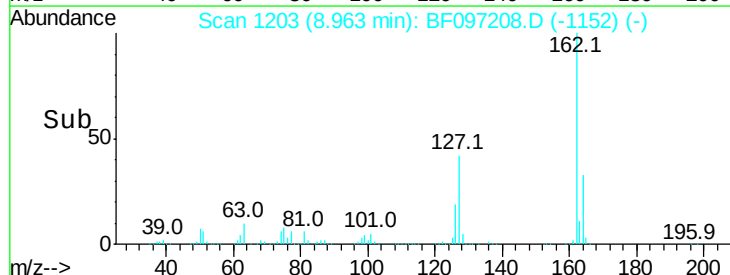
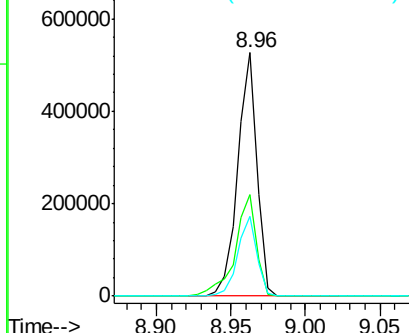


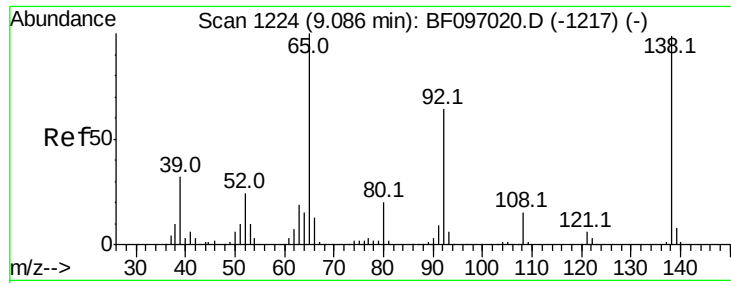
#46
 2-Chloronaphthalene
 Concen: 38.008 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	28.3	42.5
164	32.6	27.0	40.4



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





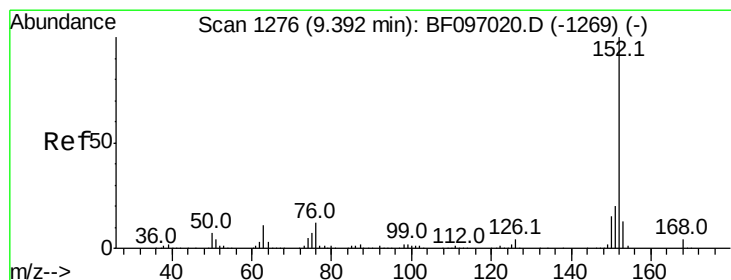
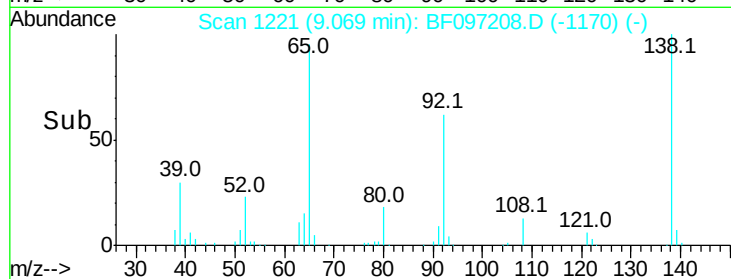
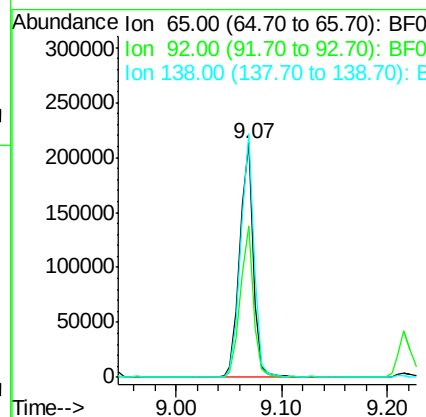
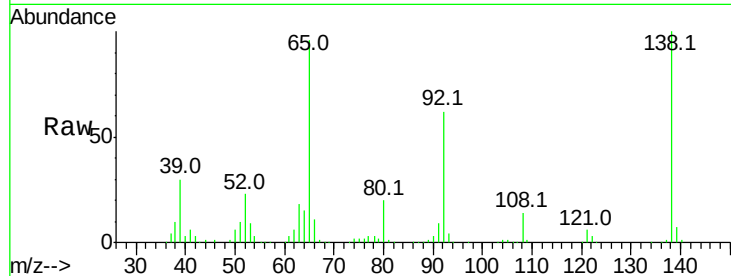
#47
 2-Nitroaniline
 Concen: 41.270 ng
 RT: 9.07 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	103.8	78.8	118.2

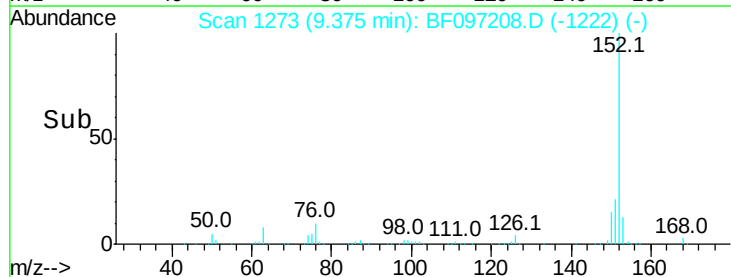
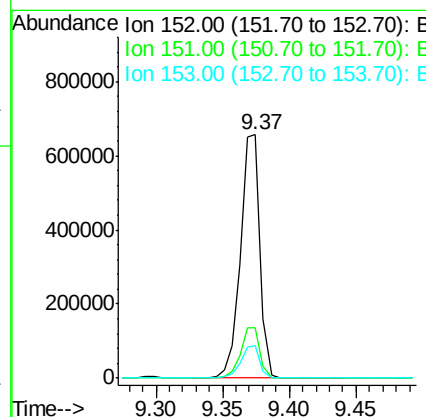
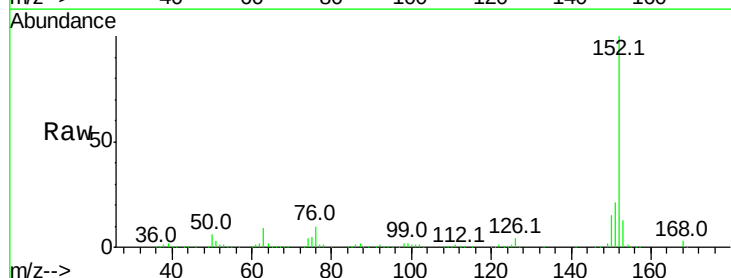
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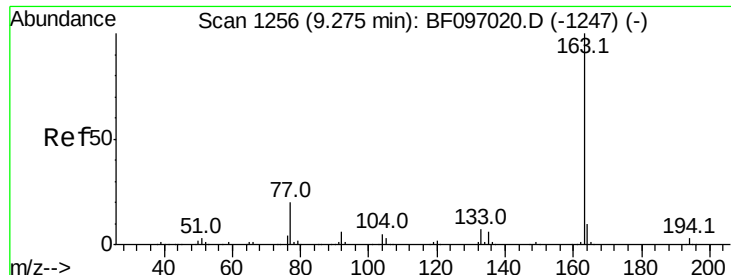
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#48
 Acenaphthylene
 Concen: 34.859 ng
 RT: 9.37 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.4	10.8	16.2





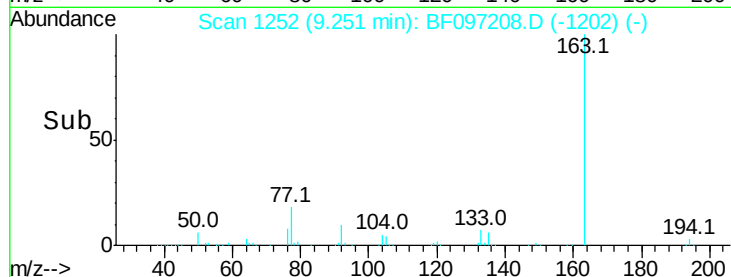
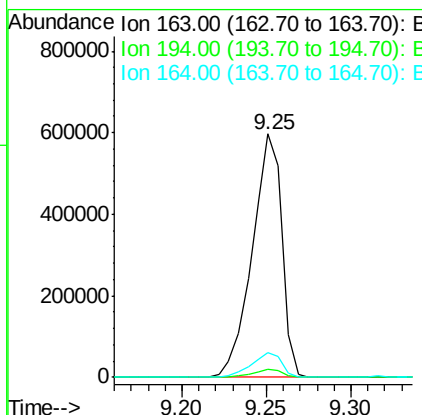
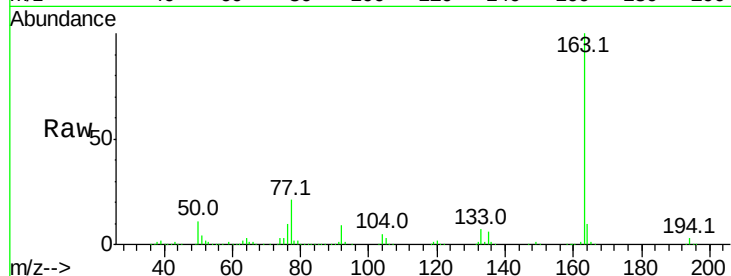
#49
Dimethylphthalate
Concen: 48.191 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.0	8.4	12.6	

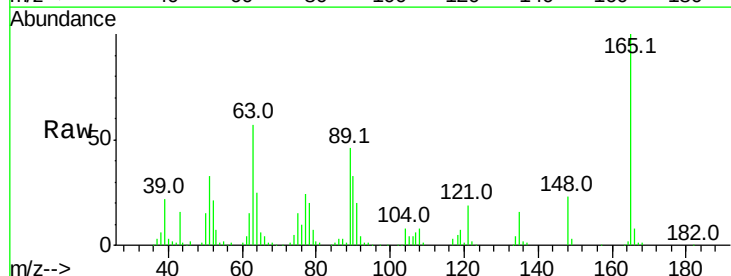
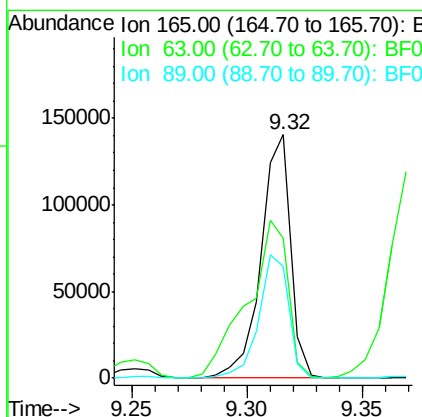
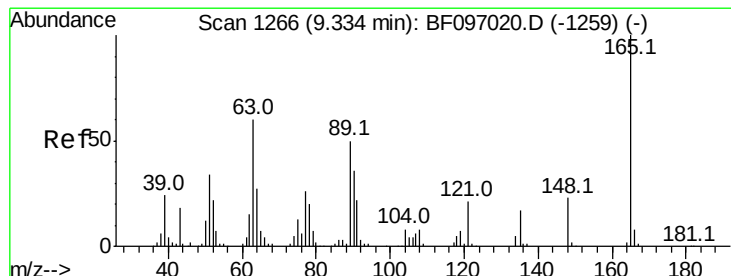
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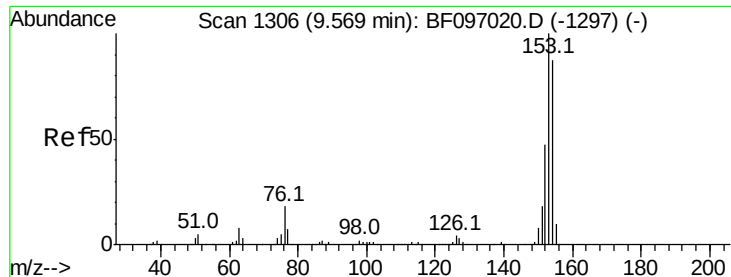
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.228 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	34.3	51.5#	
89	45.8	37.1	55.7	





#51

Acenaphthene

Concen: 36.130 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

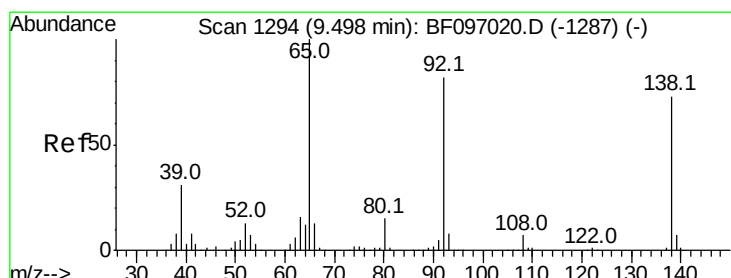
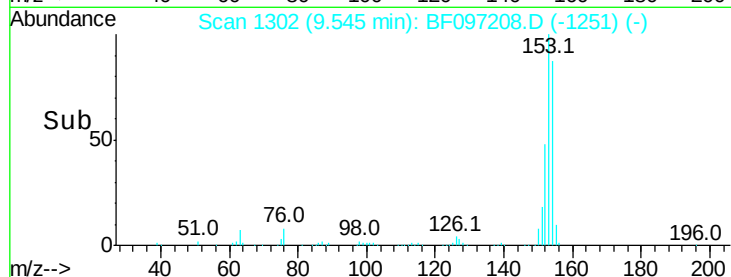
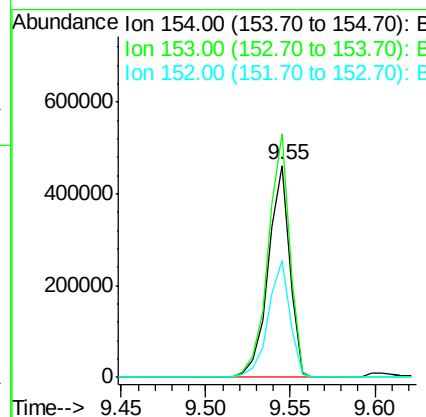
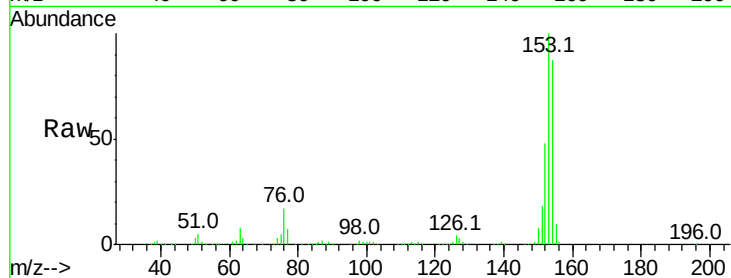
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	154	Resp:	409061
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.5	135.7
152	54.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.109 ng

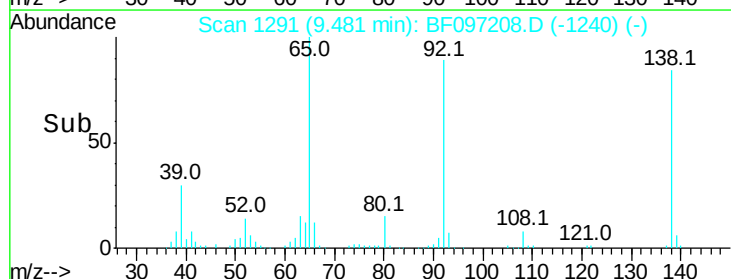
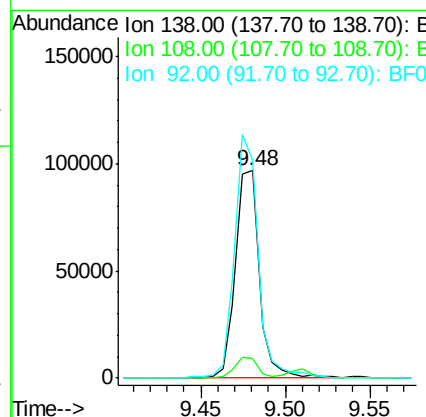
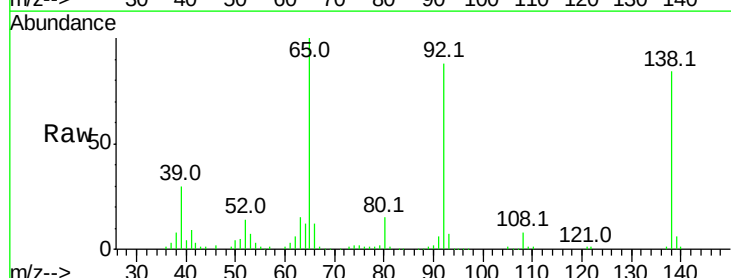
RT: 9.48 min Scan# 1291

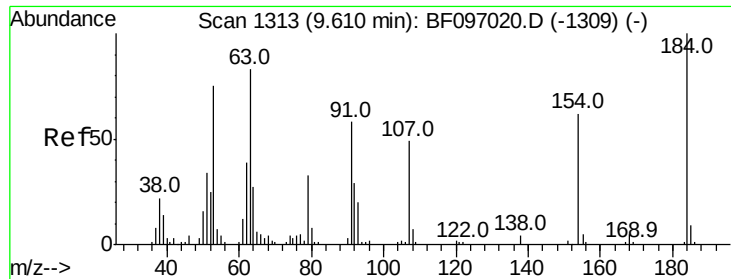
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	138	Resp:	96023
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.1	13.7
92	105.2	93.8	140.6





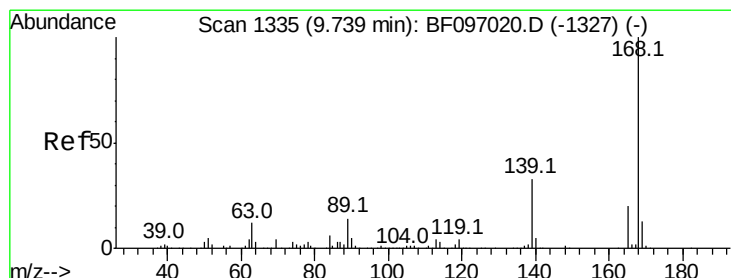
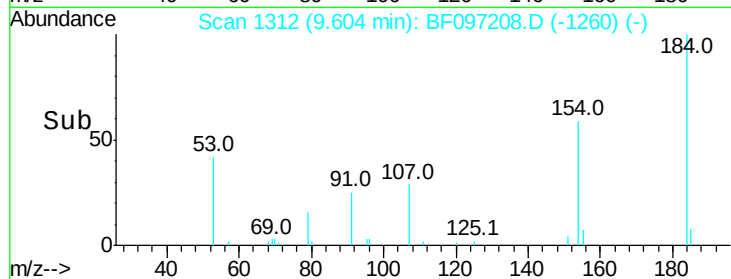
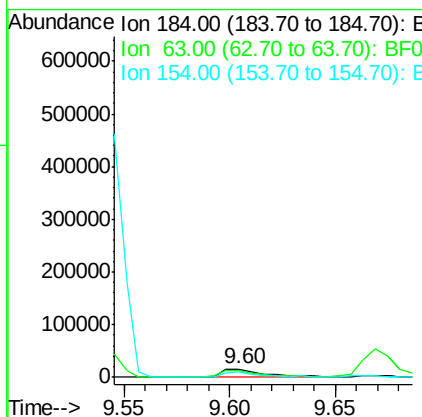
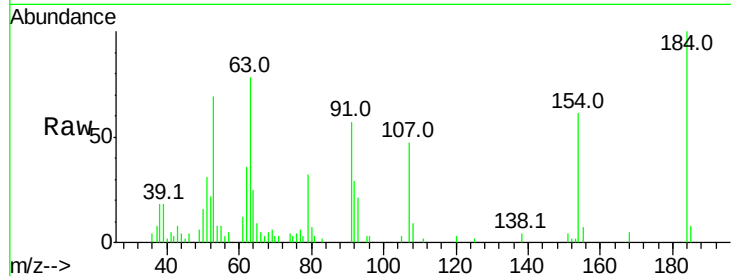
#53
 2,4-Dinitrophenol
 Concen: 15.668 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.7	62.7	94.1
154	61.0	81.1	121.7

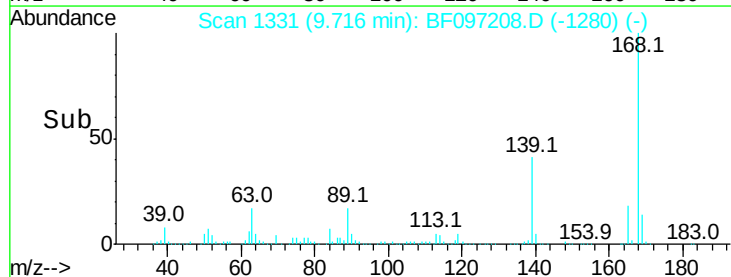
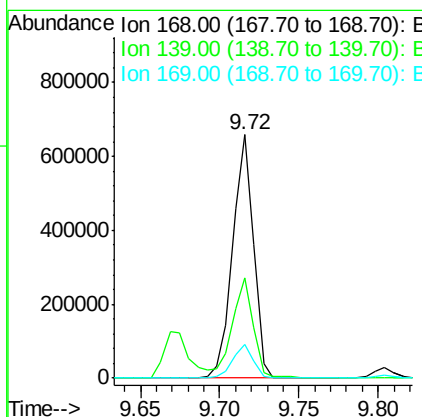
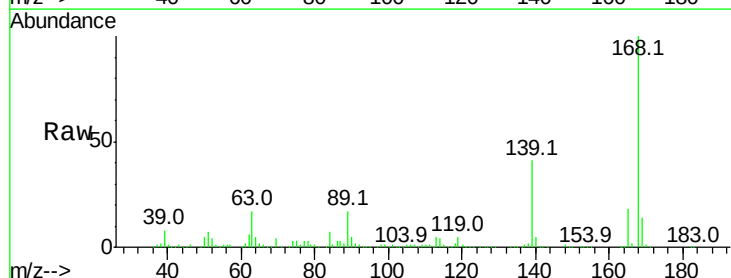
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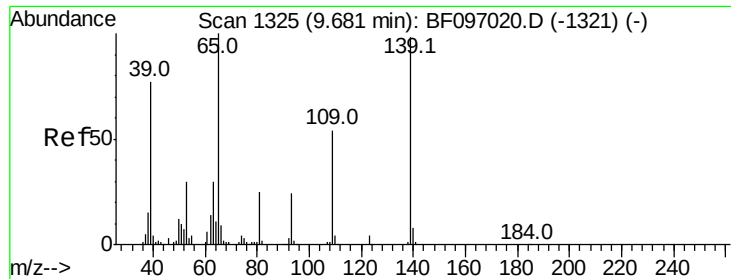
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#54
 Dibenzofuran
 Concen: 39.914 ng
 RT: 9.72 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.6	45.8
169	13.7	10.8	16.2





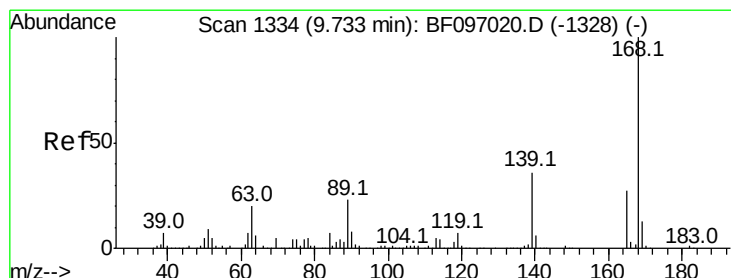
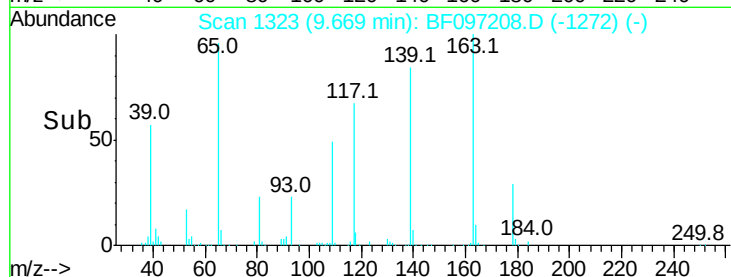
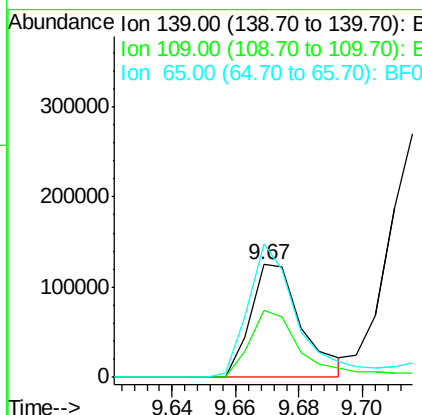
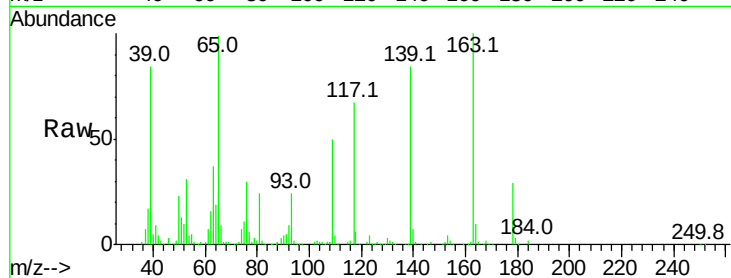
#55
4-Nitrophenol
Concen: 59.181 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.0	34.1	74.1	
65	118.2	31.4	71.4	

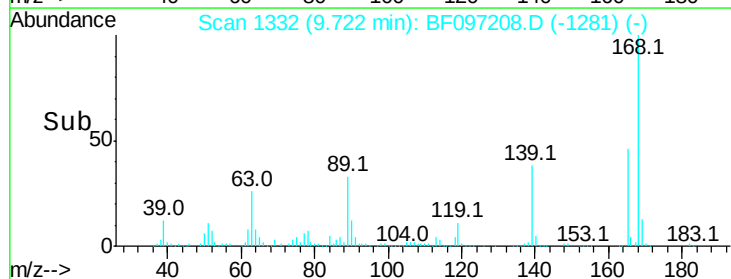
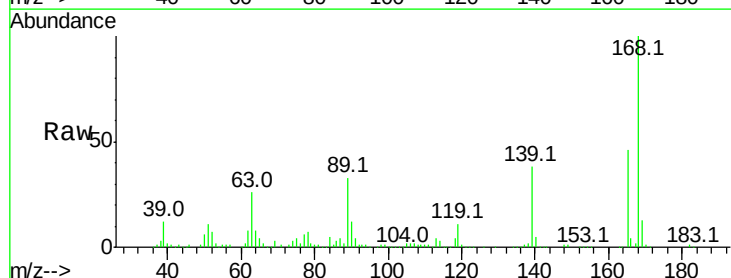
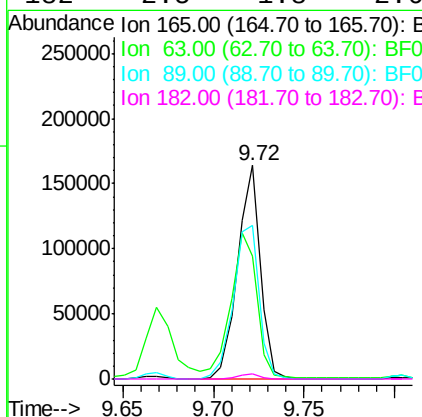
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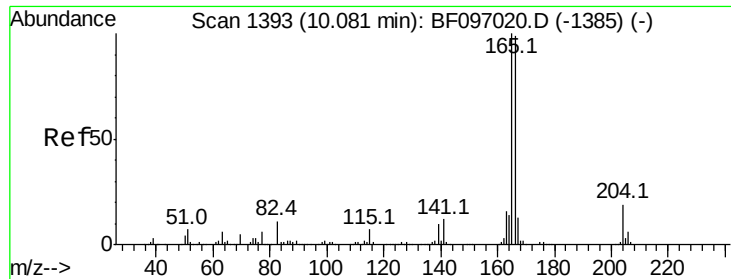
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#56
2,4-Dinitrotoluene
Concen: 38.862 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.7	25.4	38.0	
89	71.9	46.4	69.6	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 40.375 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

Tot Ion:166 Resp: 457632

Ion Ratio Lower Upper

166 100

165 100.6 78.8 118.2

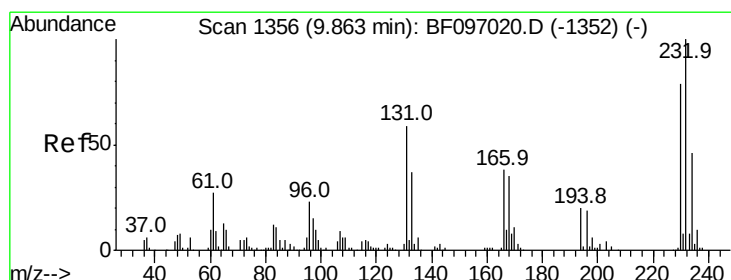
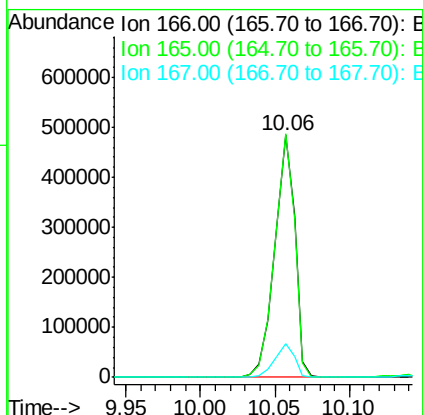
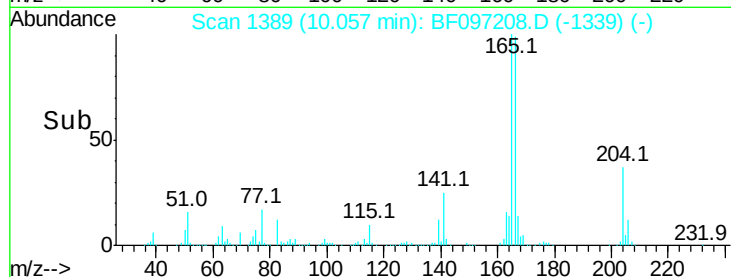
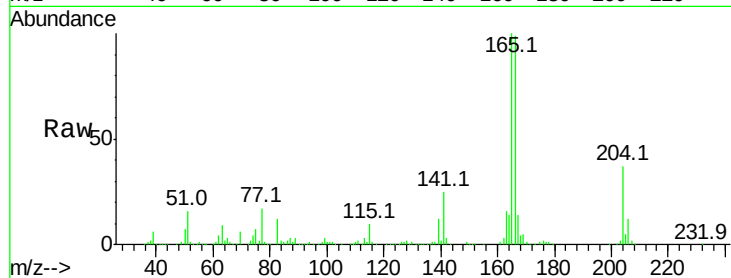
167 13.8 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.826 ng

RT: 9.85 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:232 Resp: 106030

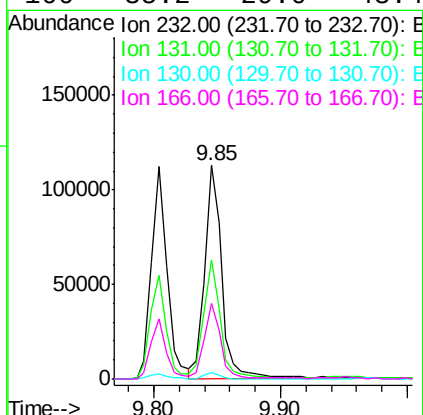
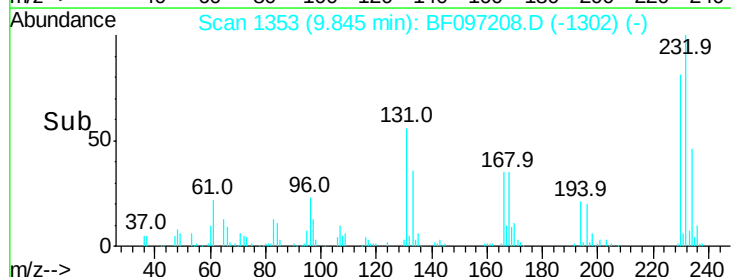
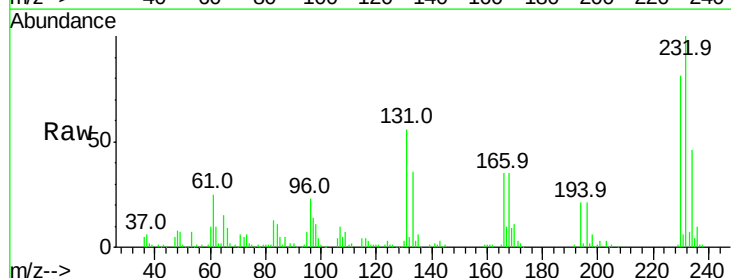
Ion Ratio Lower Upper

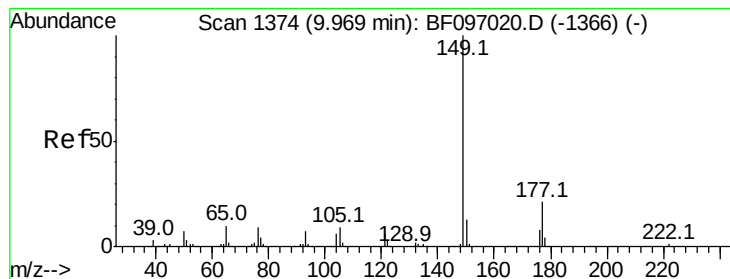
232 100

131 54.2 44.8 67.2

130 2.7 2.3 3.5

166 35.2 29.0 43.4





#59

Diethylphthalate

Concen: 37.669 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

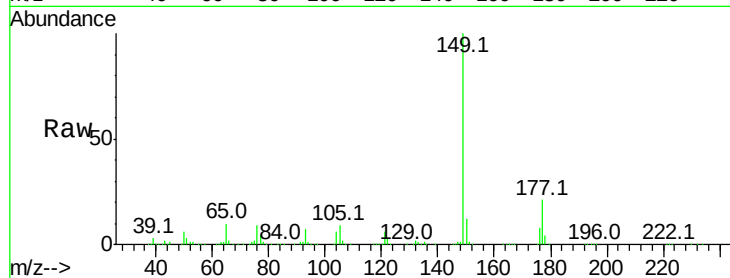
ClientSampleId :

E2-HS5-BASEMS

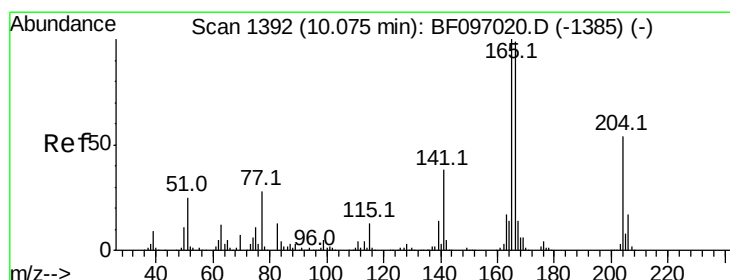
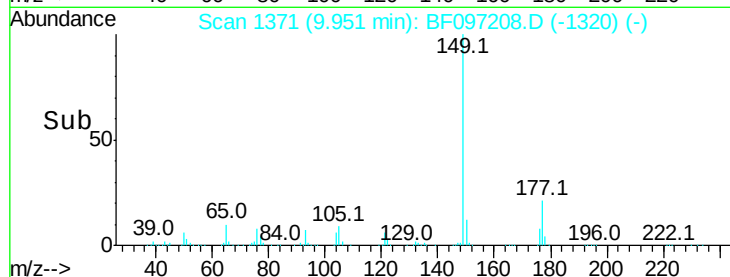
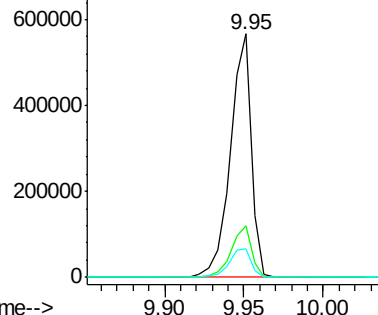
Tot Ion:	149	Resp:	522847
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.7	25.1
150	11.9	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 39.306 ng

RT: 10.05 min Scan# 1388

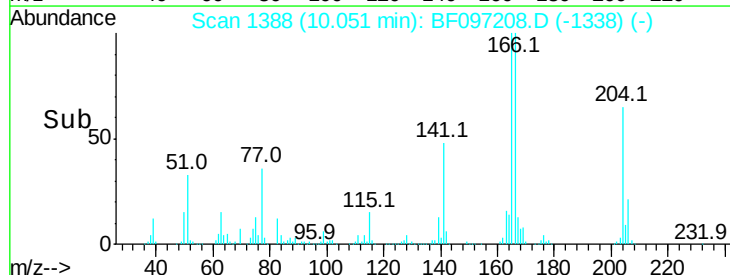
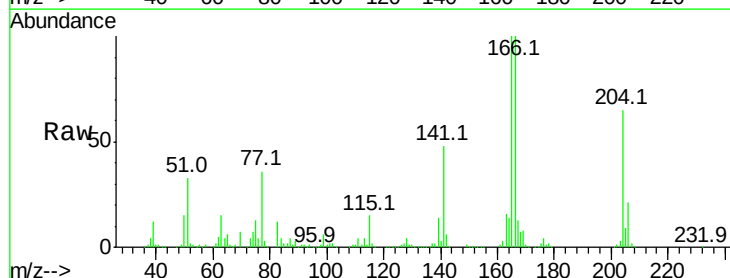
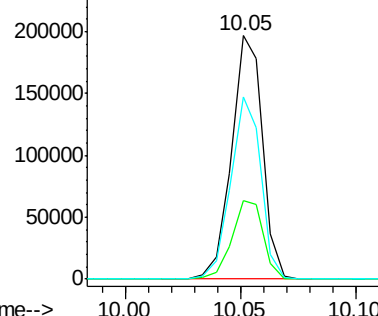
Delta R.T. -0.01 min

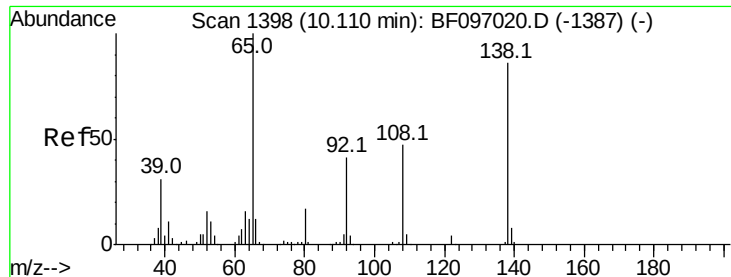
Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	204	Resp:	183972
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	74.8	60.8	91.2

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





#61

4-Nitroaniline

Concen: 32.747 ng

RT: 10.09 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

Tot Ion:138 Resp: 123933

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

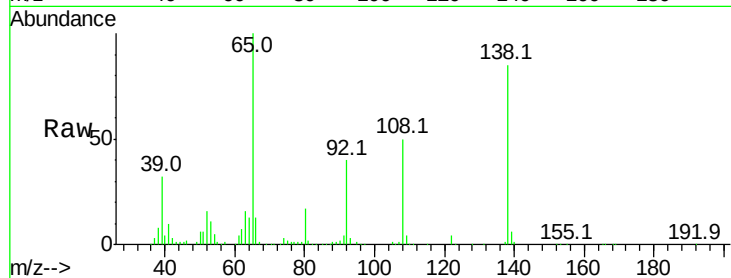
108 58.7 42.3 82.3

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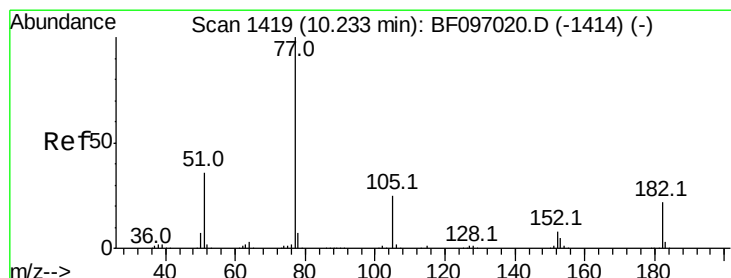
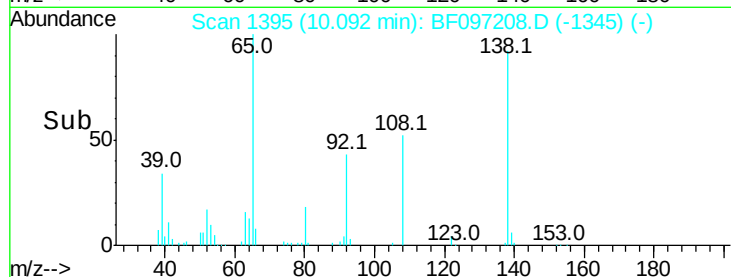
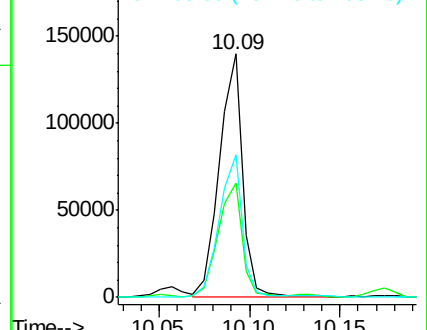
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.262 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion: 77 Resp: 531302

Ion Ratio Lower Upper

77 100

182 24.7 0.1 40.1

105 25.0 3.6 43.6

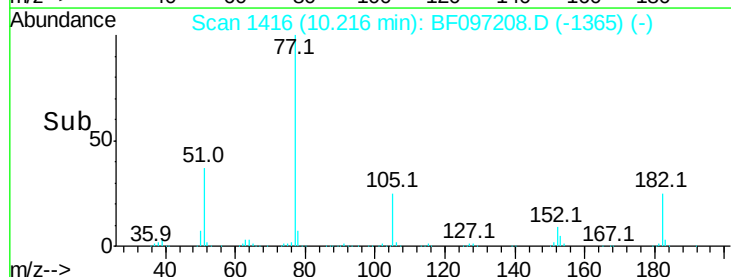
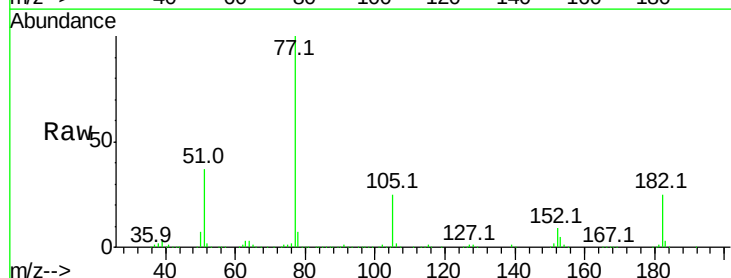
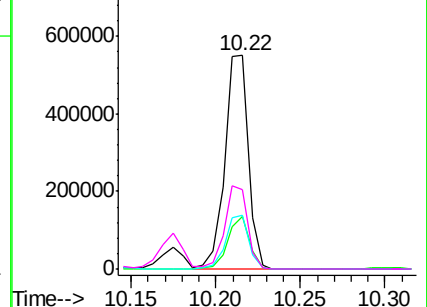
51 36.9 9.4 49.4

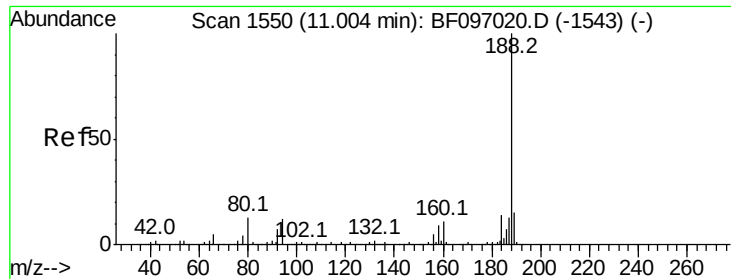
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





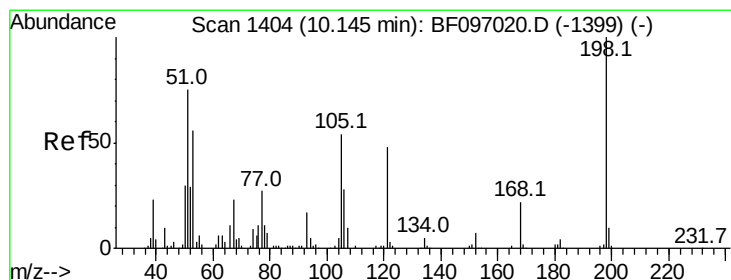
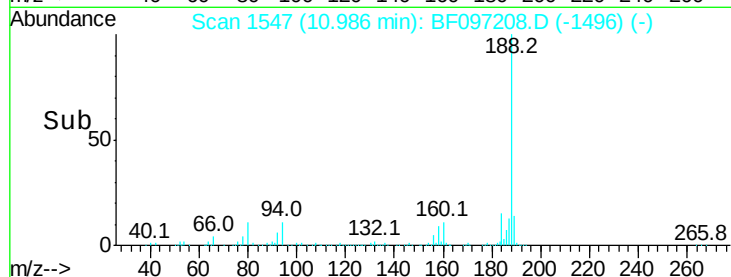
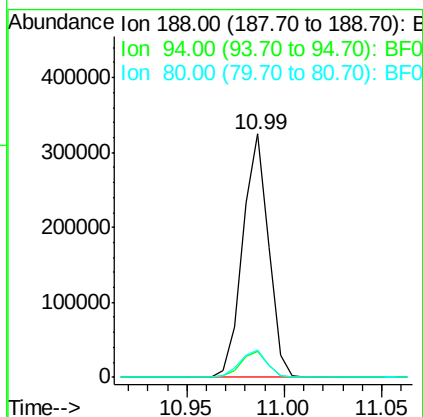
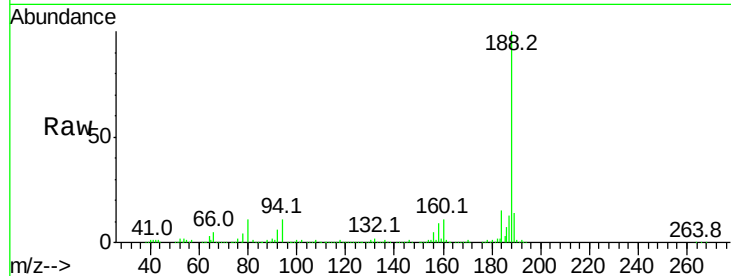
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	297605		
94	10.7		9.4	14.2
80	11.5		10.2	15.2

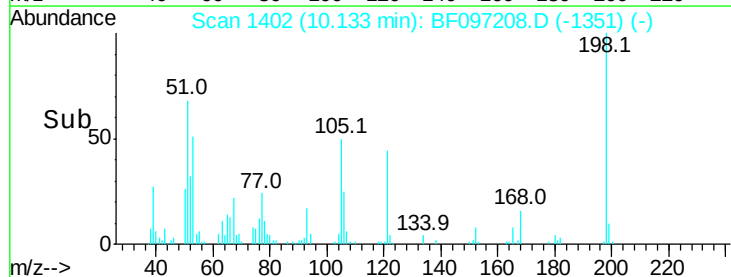
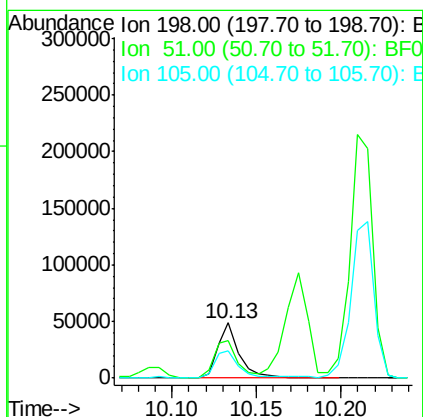
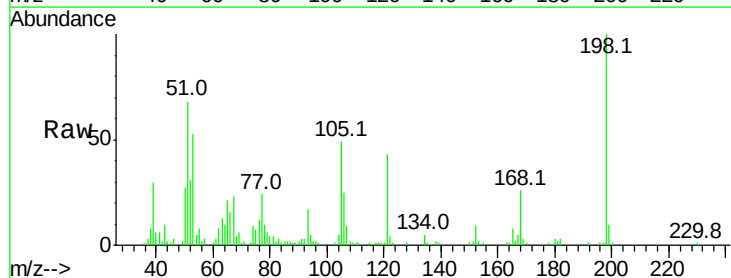
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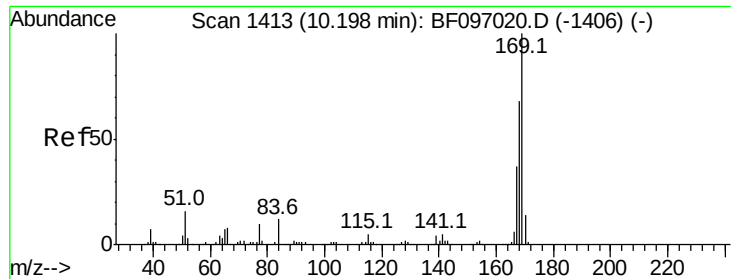
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#64
4,6-Dinitro-2-methylphenol
Concen: 23.582 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43610		
51	68.1		53.2	93.2
105	49.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 41.986 ng

RT: 10.17 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

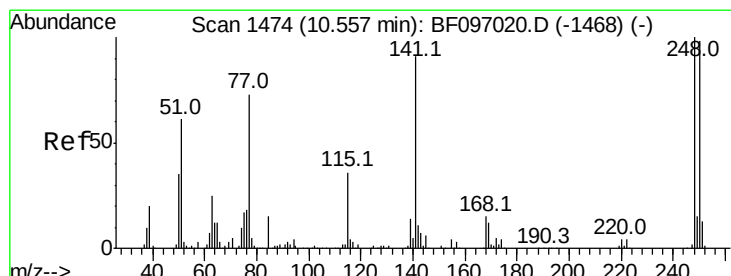
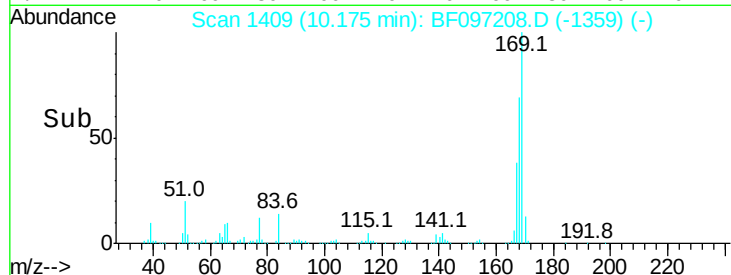
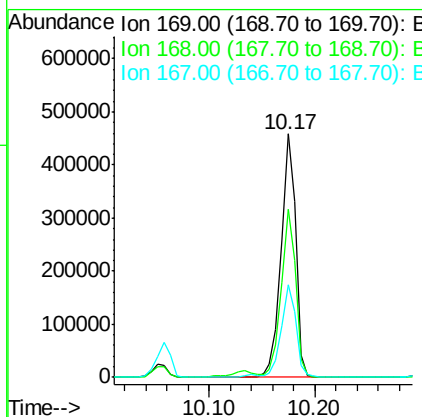
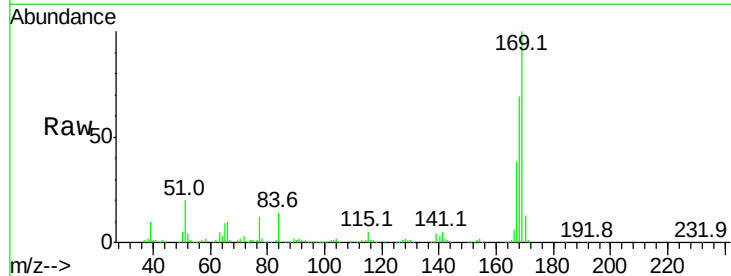
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	169	Resp:	434763
Ion Ratio	Lower	Upper	
169	100		
168	68.9	53.2	79.8
167	38.0	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.832 ng

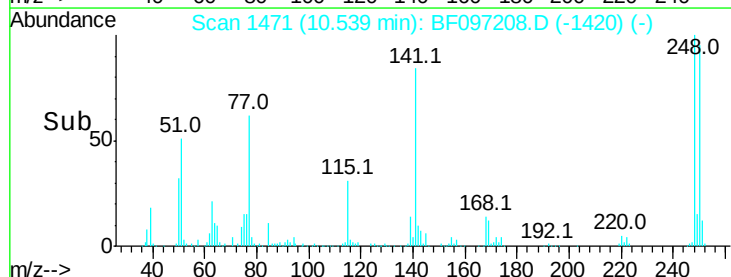
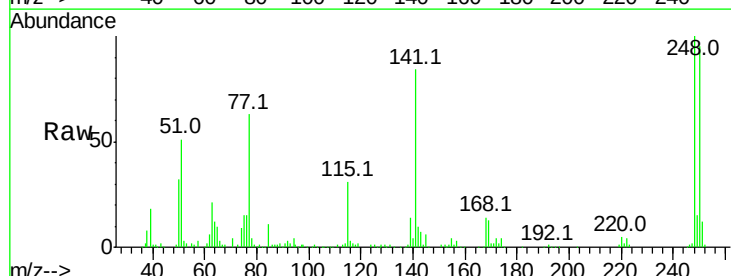
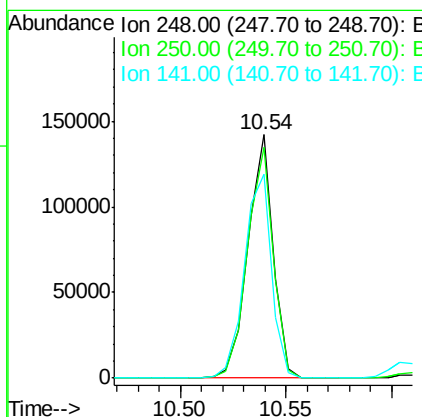
RT: 10.54 min Scan# 1471

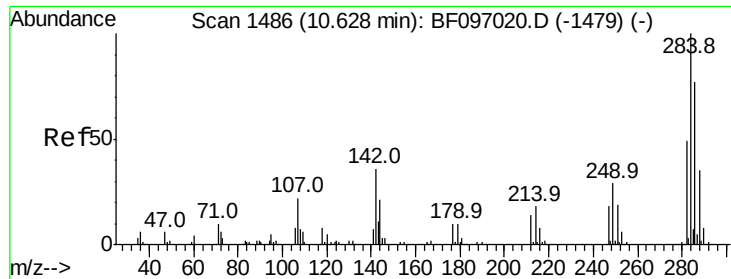
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	248	Resp:	118302
Ion Ratio	Lower	Upper	
248	100		
250	94.8	76.8	115.2
141	83.6	68.6	103.0





#67

Hexachlorobenzene

Concen: 35.704 ng

RT: 10.61 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

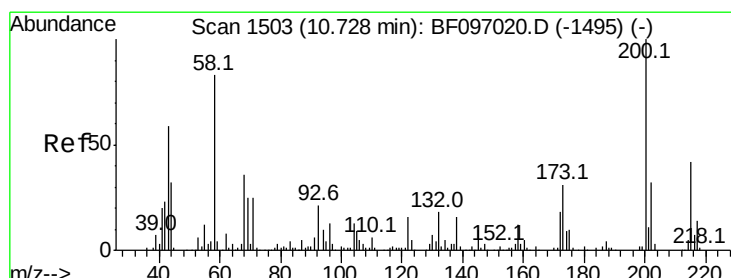
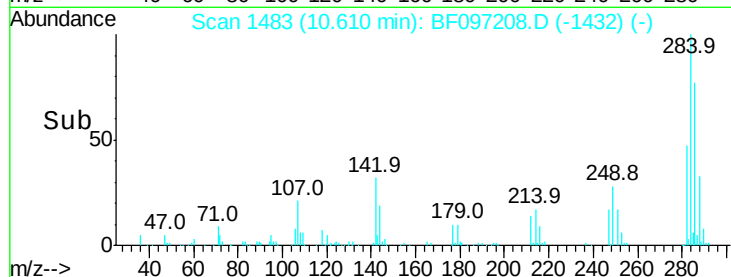
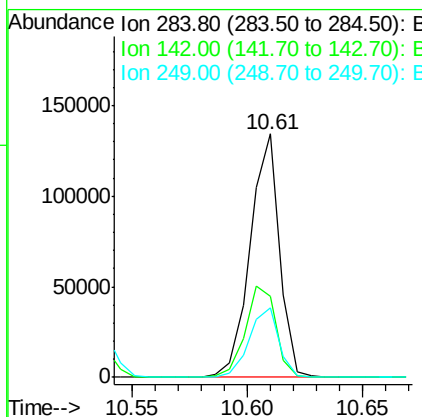
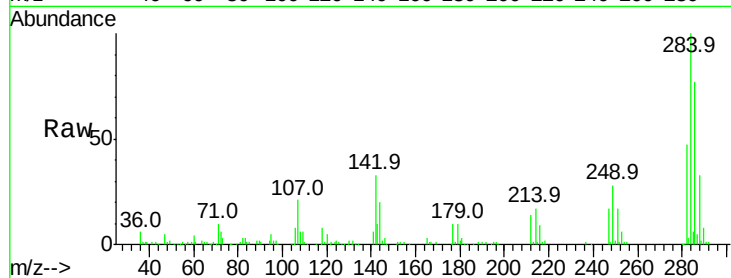
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	284	Resp:	118915
Ion Ratio		Lower	Upper
284	100		
142	33.3	22.8	34.2
249	28.3	24.0	36.0

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#68

Atrazine

Concen: 39.792 ng

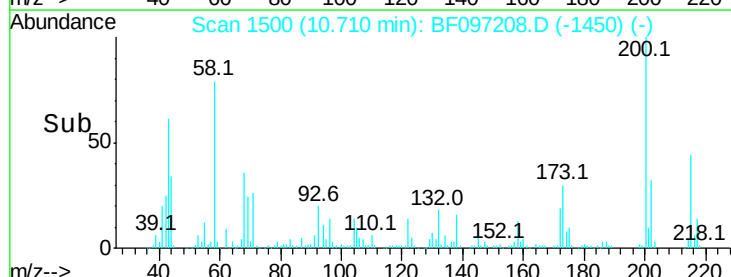
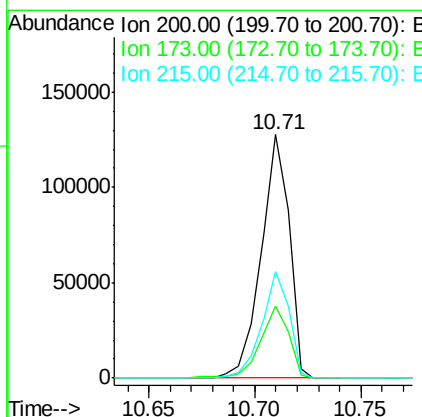
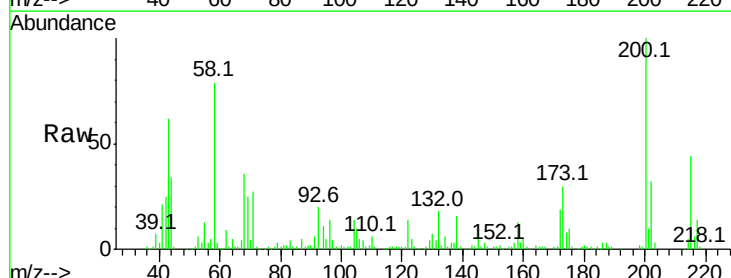
RT: 10.71 min Scan# 1500

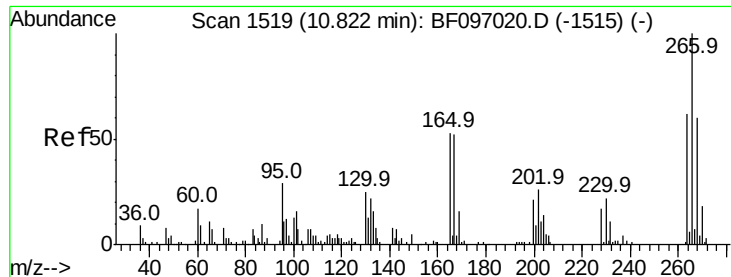
Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	200	Resp:	118153
Ion Ratio		Lower	Upper
200	100		
173	29.7	6.3	46.3
215	43.9	27.2	67.2





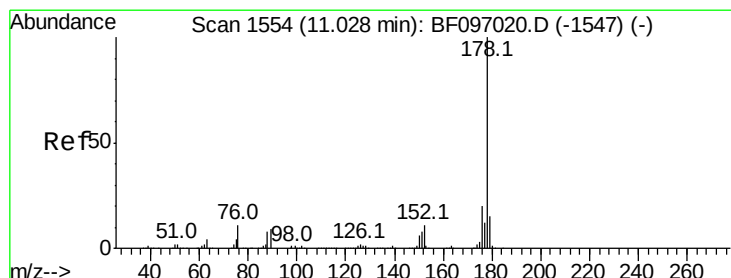
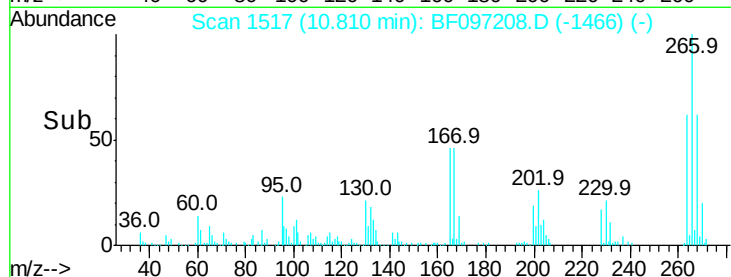
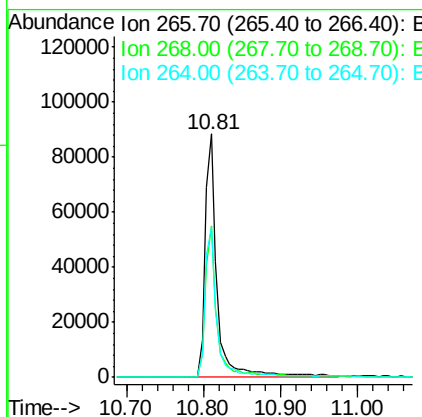
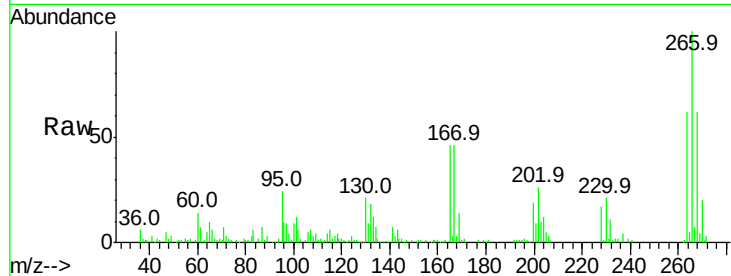
#69
 Pentachlorophenol
 Concen: 70.153 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96673		
268	62.2		51.1	76.7
264	61.8		51.7	77.5

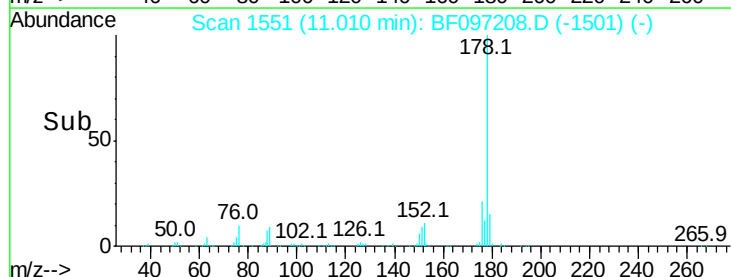
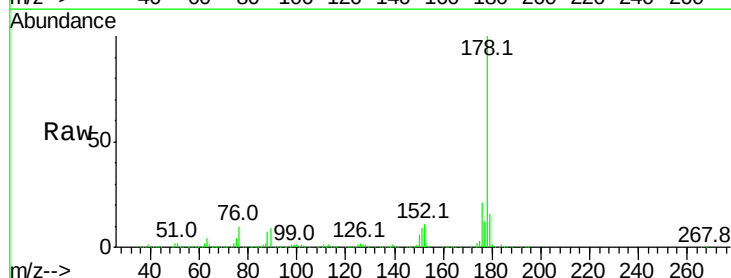
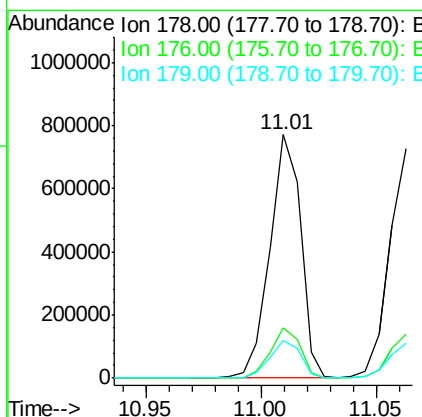
Manual Integrations
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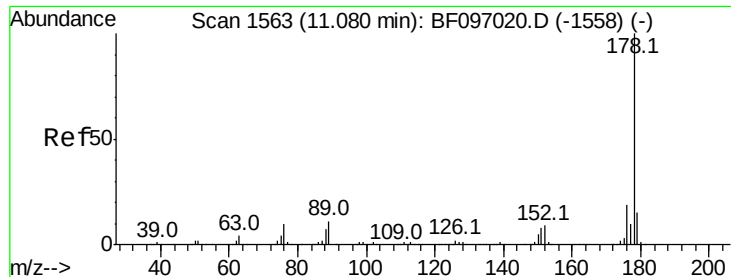
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#70
 Phenanthrene
 Concen: 45.031 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	718061		
176	20.7		16.2	24.4
179	15.5		12.6	19.0





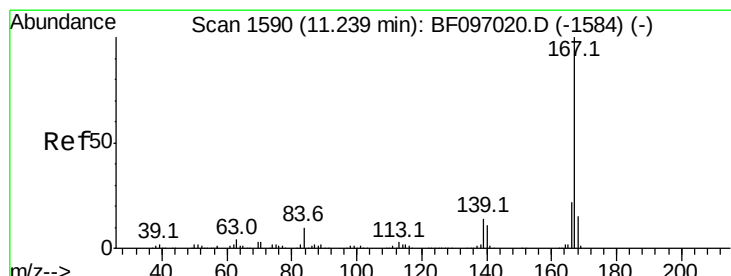
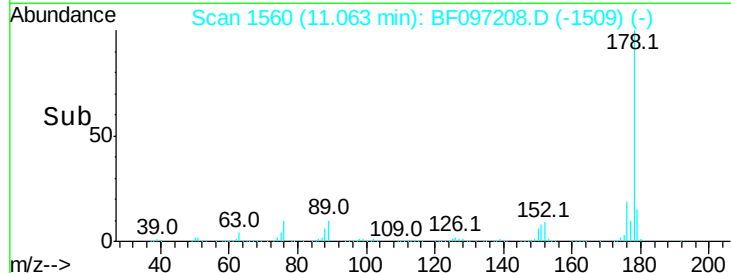
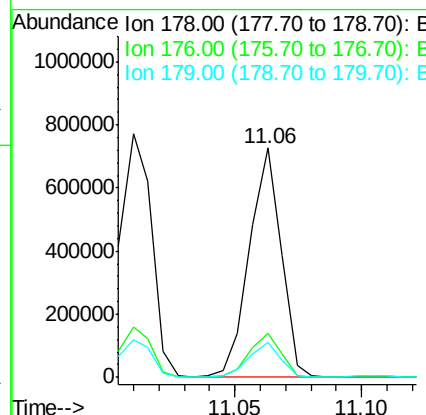
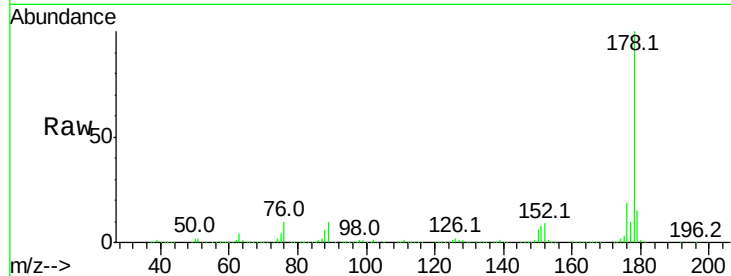
#71
 Anthracene
 Concen: 38.744 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.3	12.7	19.1

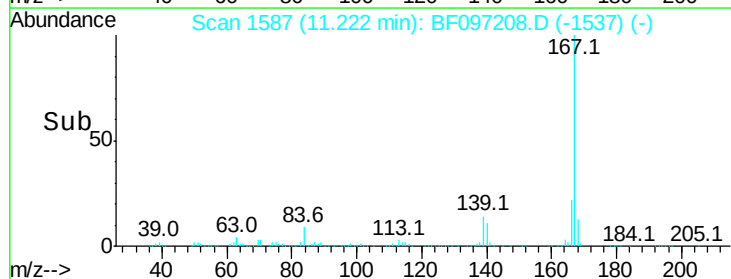
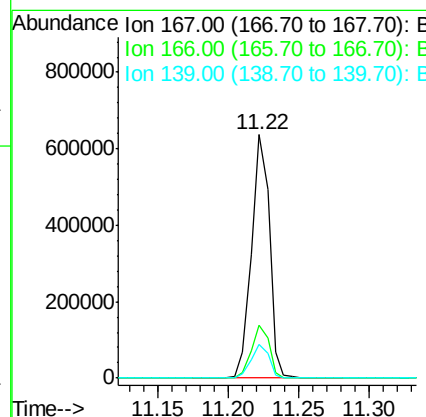
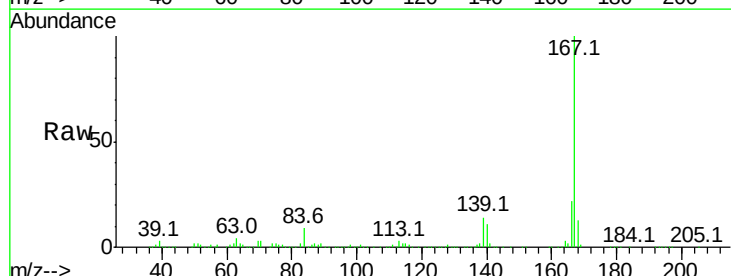
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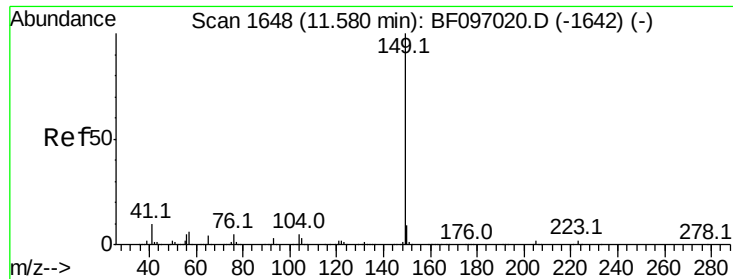
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#72
 Carbazole
 Concen: 35.548 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 36.417 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

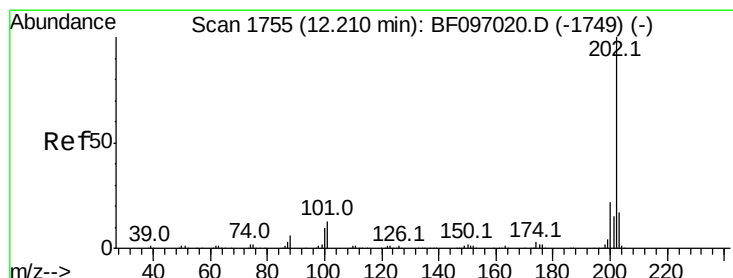
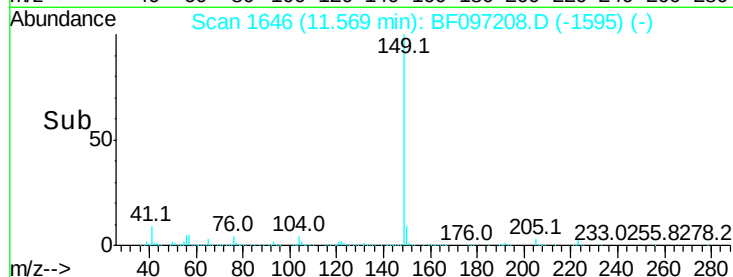
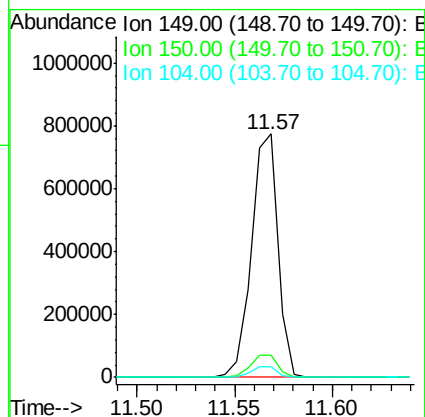
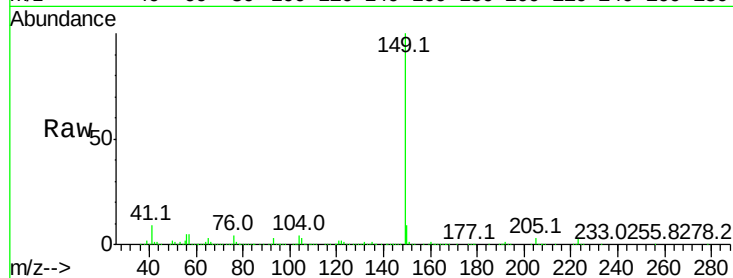
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	149	Resp:	723042
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 42.440 ng

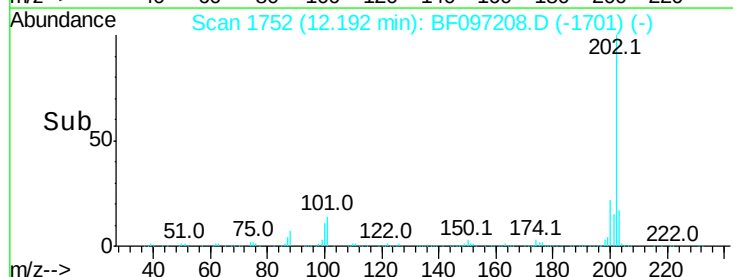
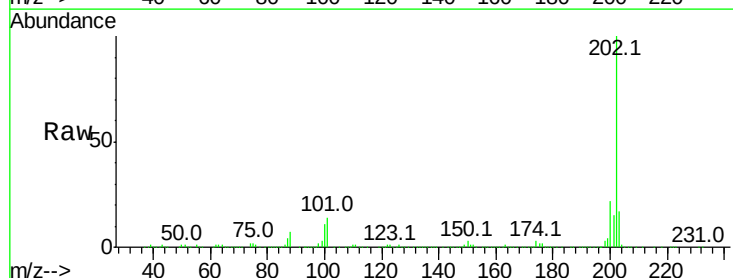
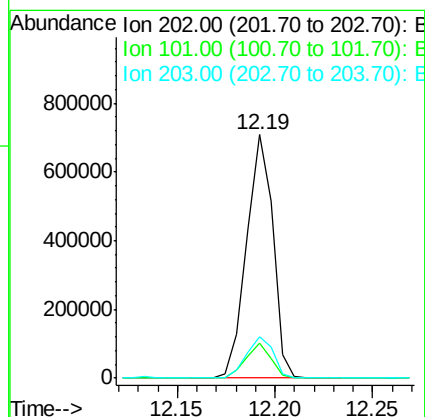
RT: 12.19 min Scan# 1752

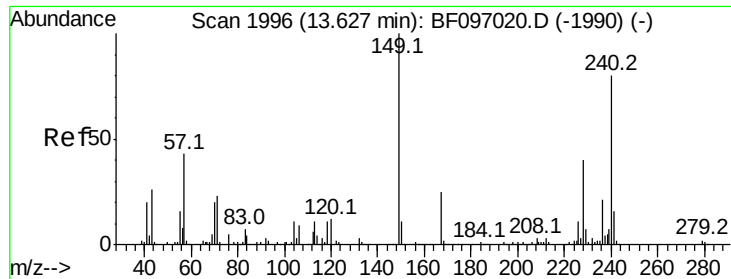
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	202	Resp:	662974
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

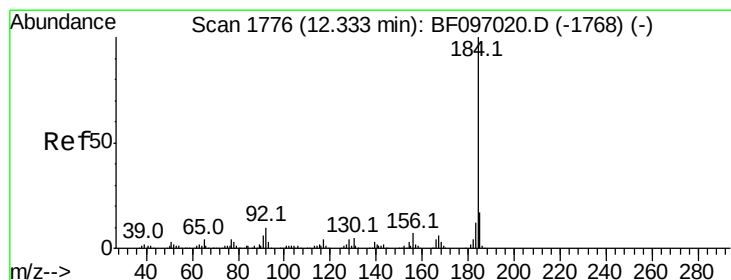
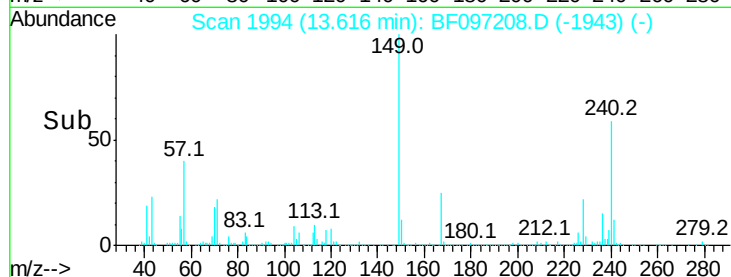
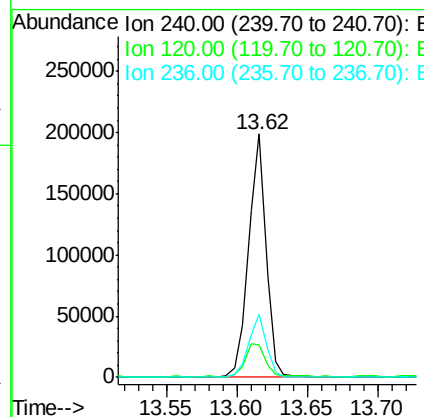
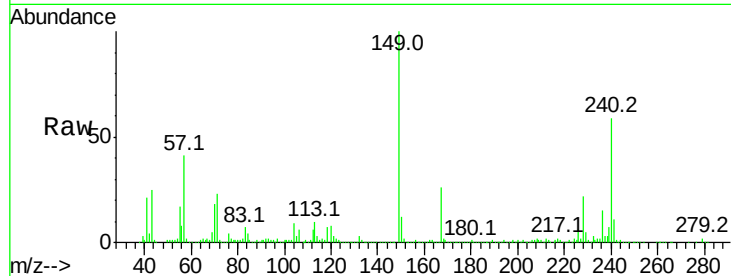
ClientSampleId :

E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.8	20.5	30.7

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#76

Benzidine

Concen: 24.575 ng

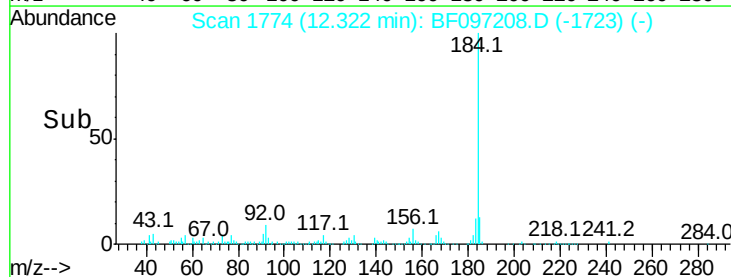
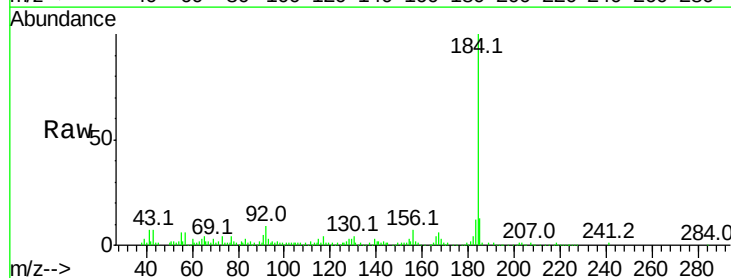
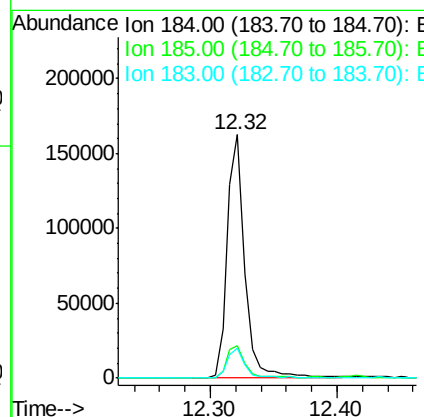
RT: 12.32 min Scan# 1774

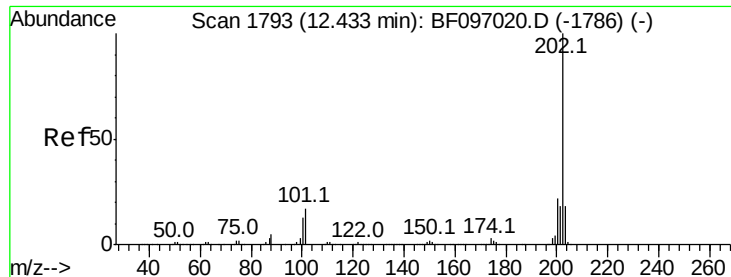
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.3	15.5	23.3#
183	12.3	9.8	14.6





#77

Pvrene

Concen: 47.641 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

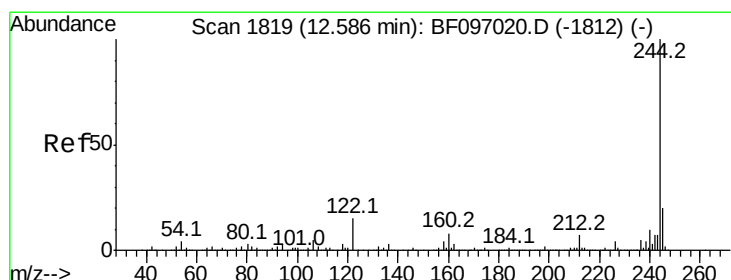
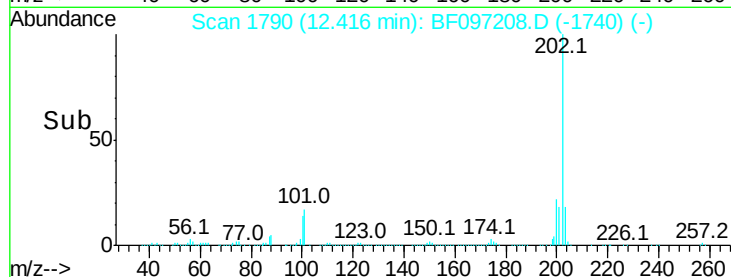
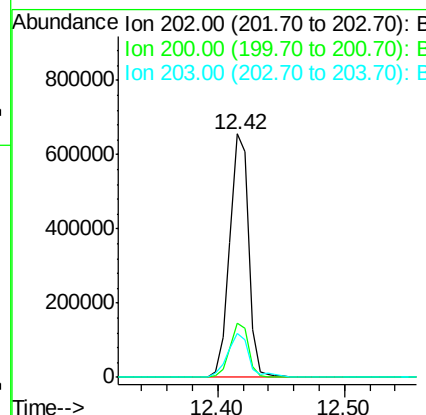
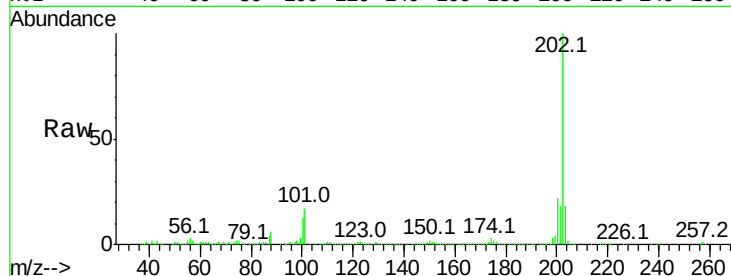
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	202	Resp:	674507
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 56.024 ng

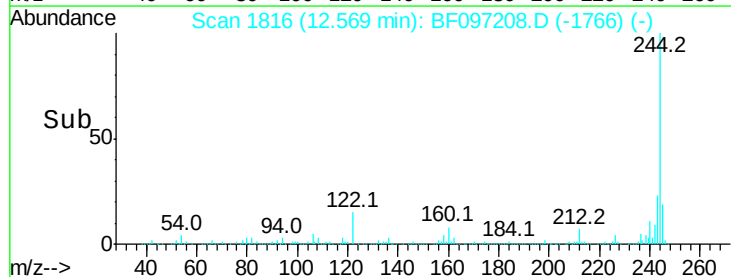
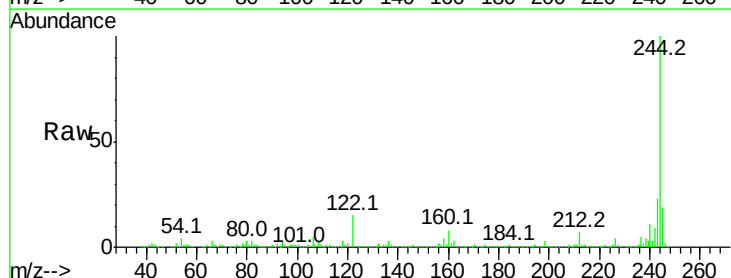
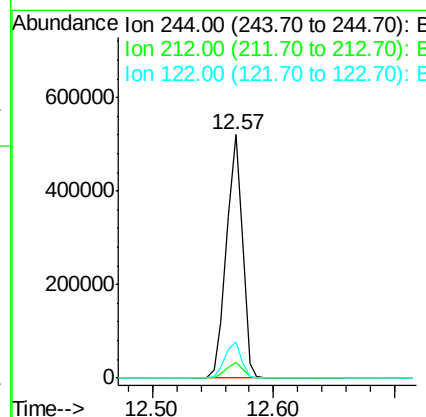
RT: 12.57 min Scan# 1816

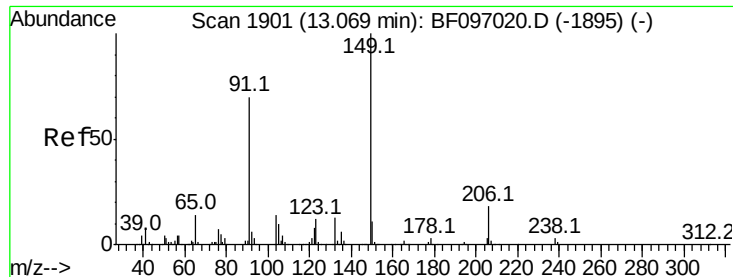
Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	244	Resp:	475211
Ion Ratio		Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.8	10.3	15.5





#79

Butylbenzylphthalate

Concen: 35.461 ng

RT: 13.05 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

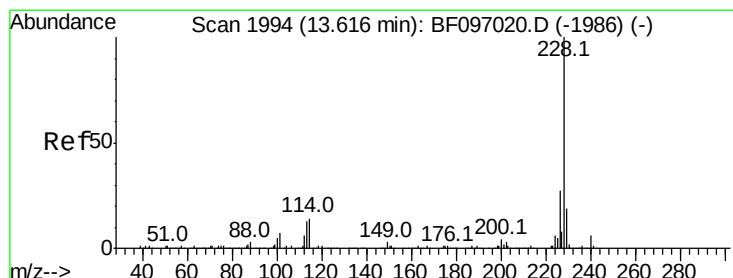
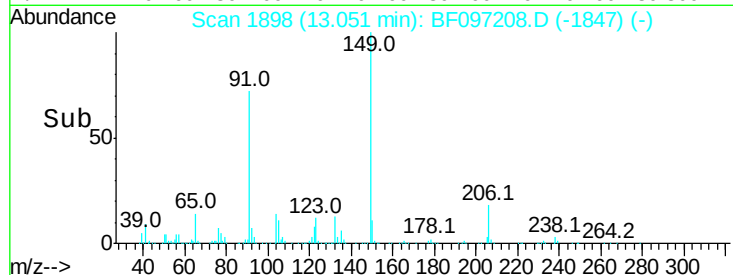
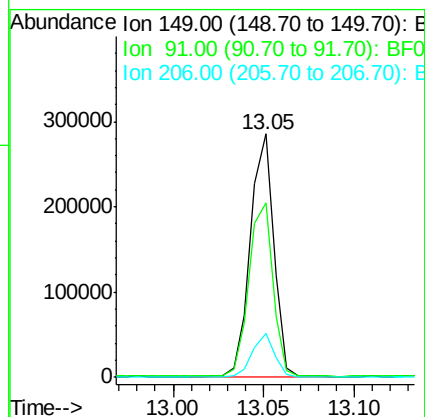
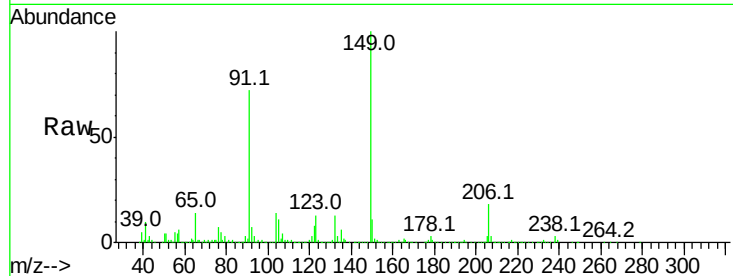
ClientSampleId :

E2-HS5-BASEMS

Tot Ion:	149	Resp:	255386
Ion Ratio	Lower	Upper	
149	100		
91	71.7	45.0	67.4#
206	18.0	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 42.236 ng

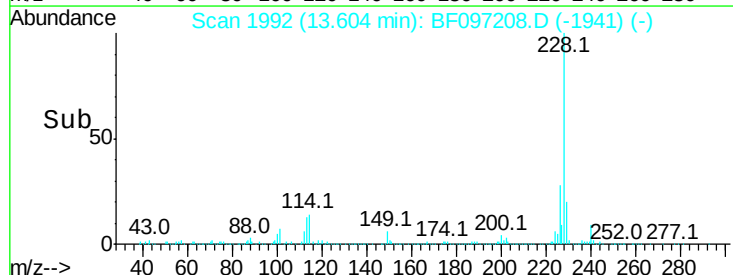
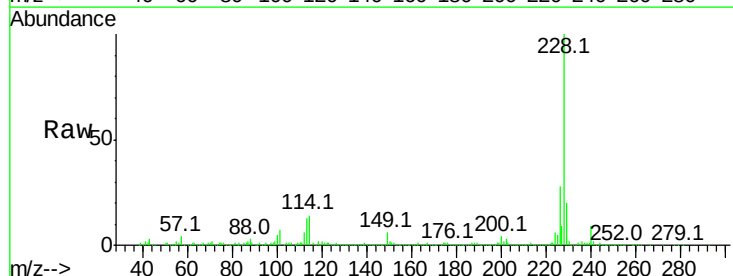
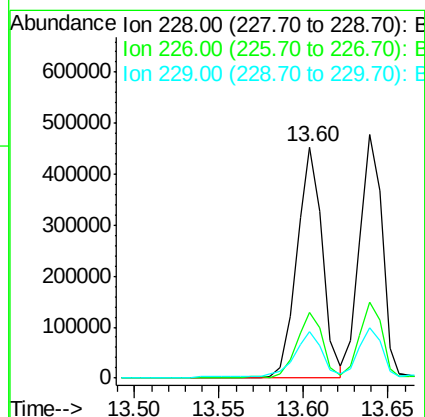
RT: 13.60 min Scan# 1992

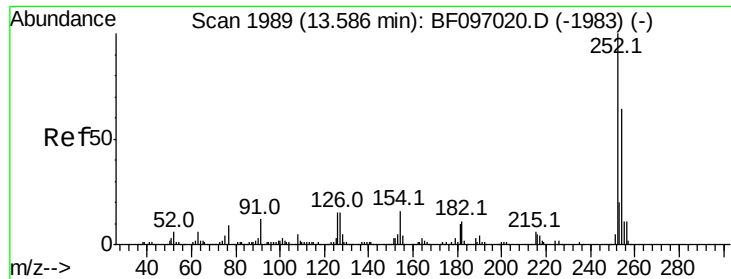
Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:	228	Resp:	472619
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.0	16.3	24.5





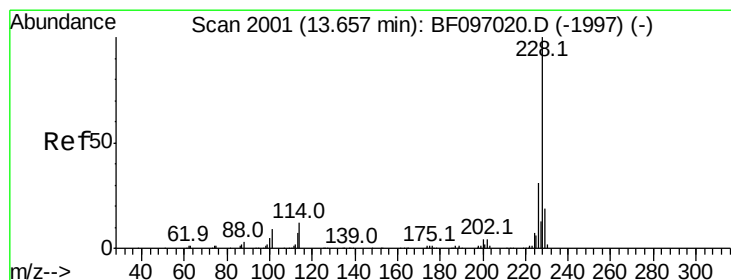
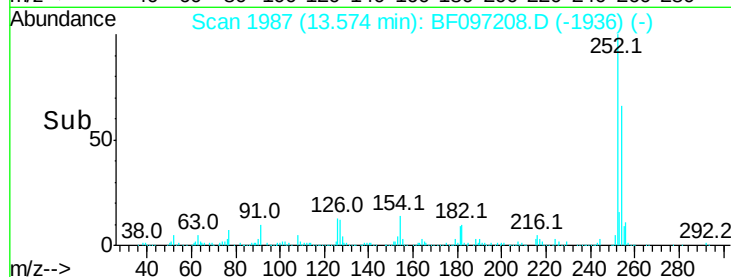
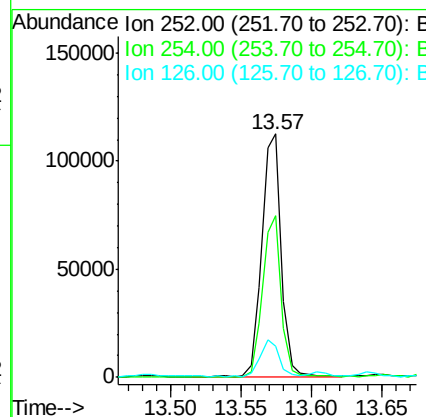
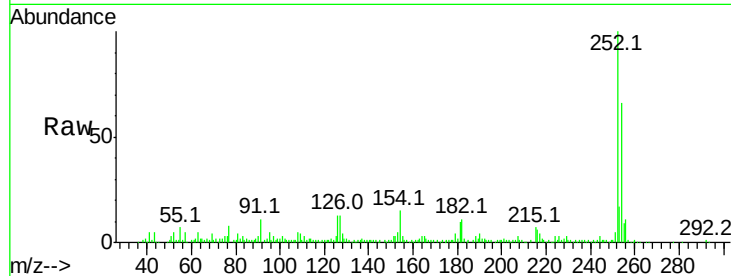
#81
 3,3'-Dichlorobenzidine
 Concen: 26.440 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	51.5	77.3
126	12.9	15.8	23.8

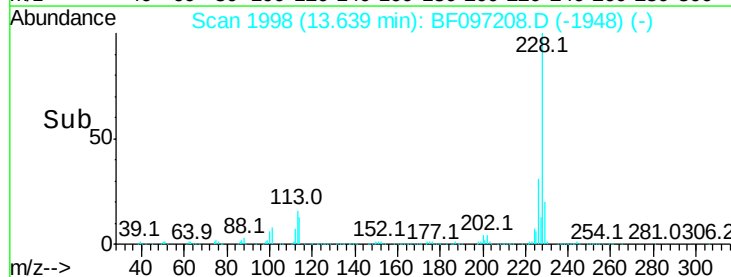
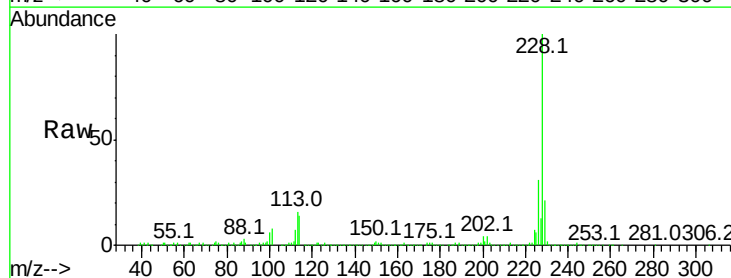
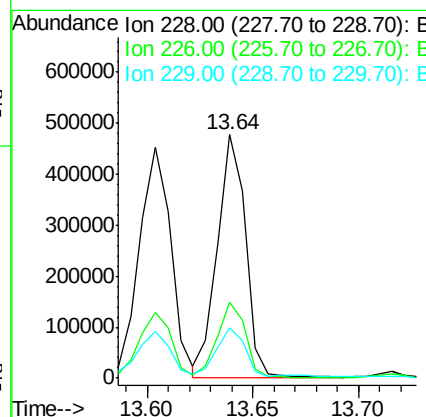
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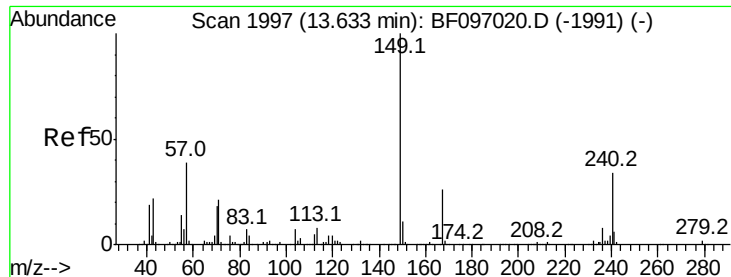
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#82
 Chrysene
 Concen: 40.828 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	15.8	23.6





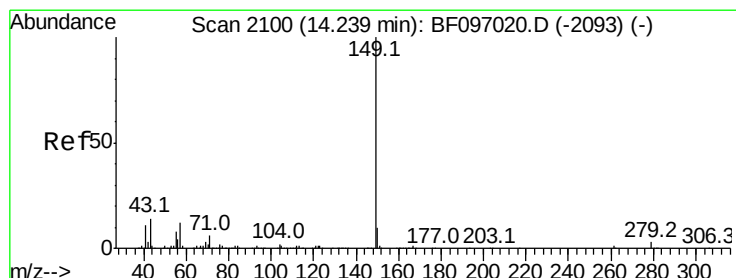
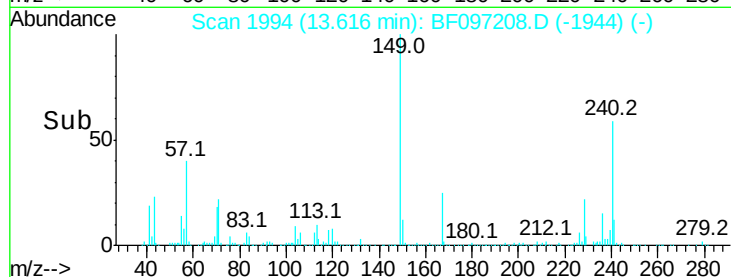
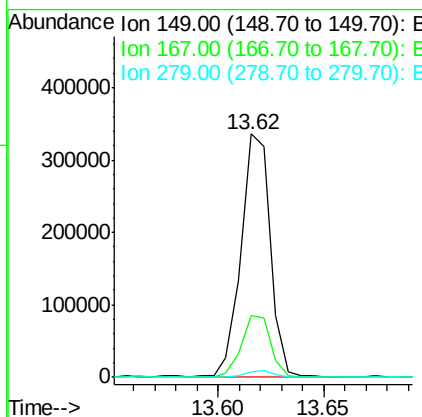
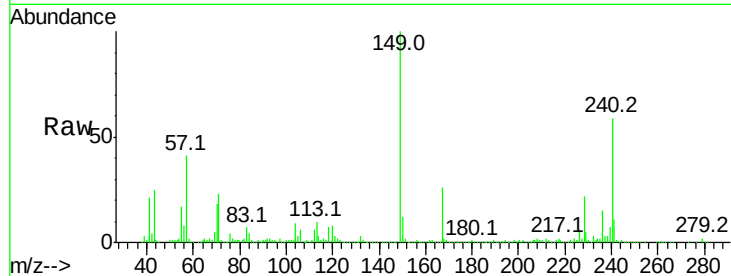
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.151 ng
 RT: 13.62 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.6	21.0	31.4	
279	2.3	1.9	2.9	

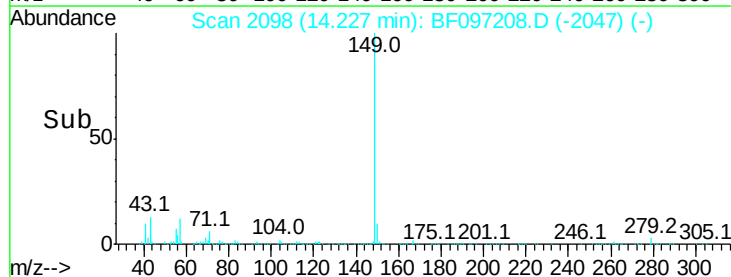
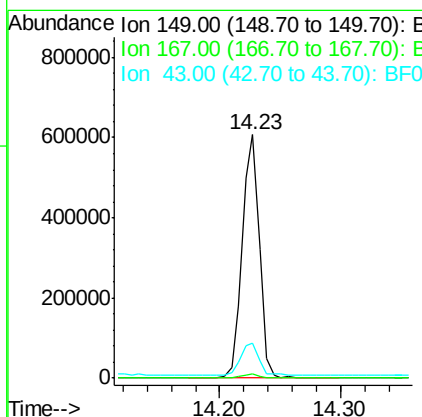
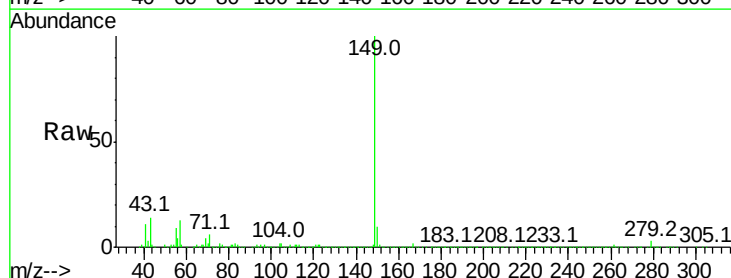
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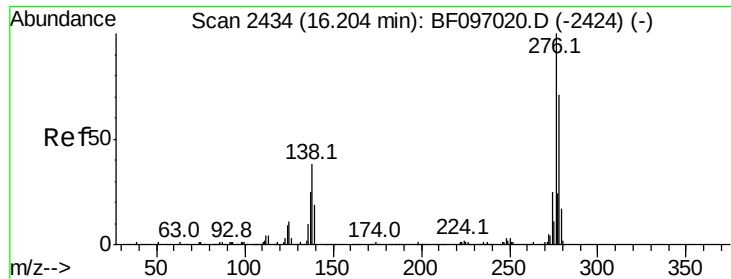
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#84
 Di-n-octyl phthalate
 Concen: 34.577 ng
 RT: 14.23 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	14.5	8.5	12.7#	





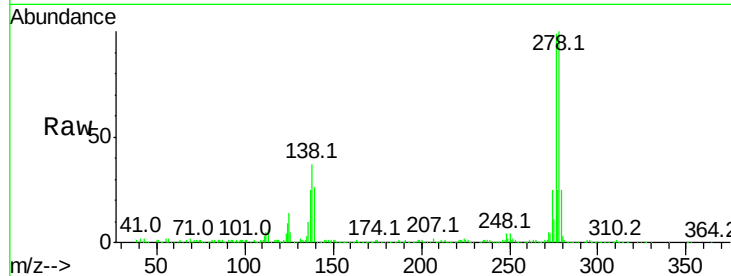
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.394 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

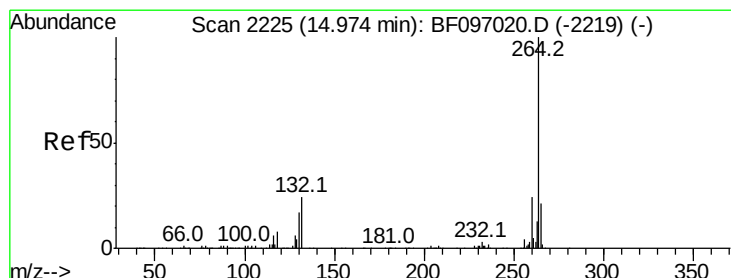
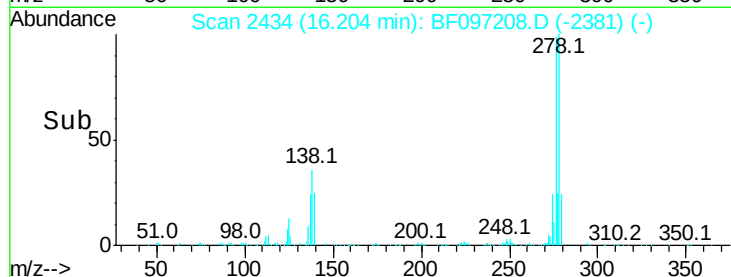
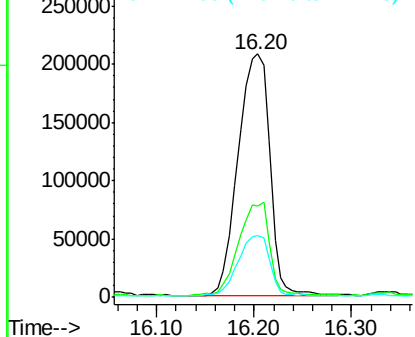
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.8	27.8	41.6
277	24.7	20.2	30.4

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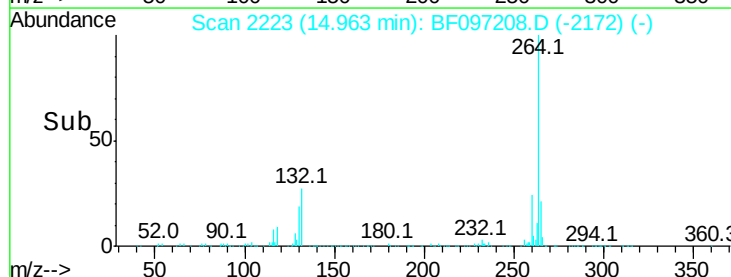
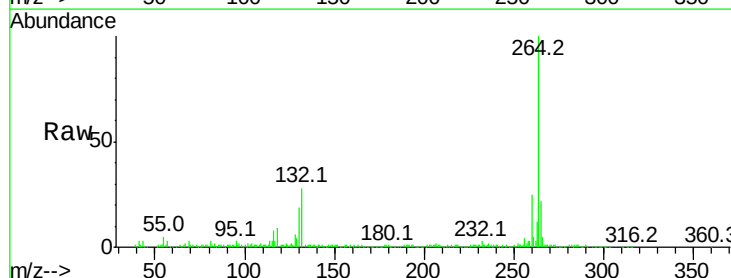
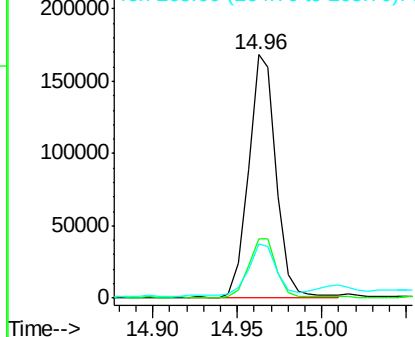
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

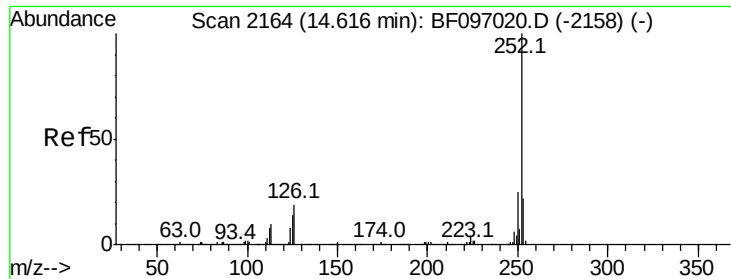


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





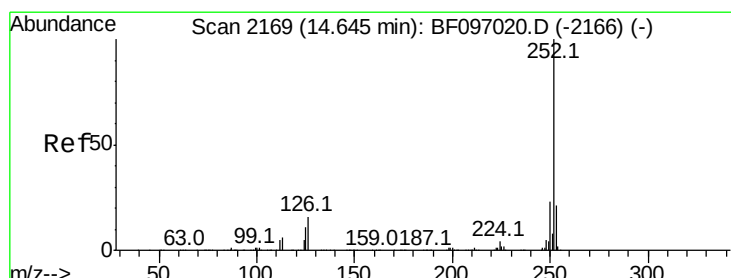
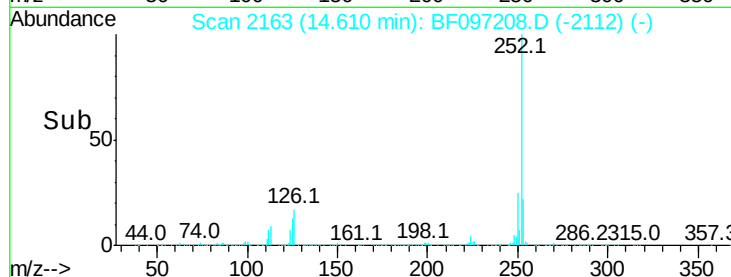
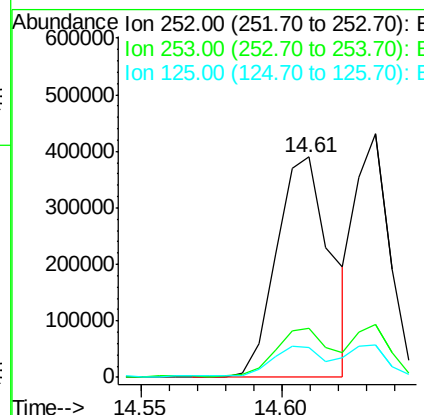
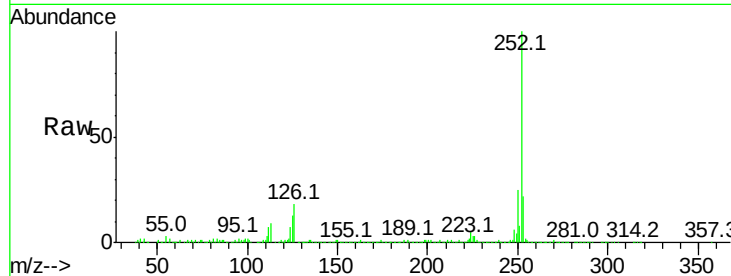
#87
Benzo(b)fluoranthene
Concen: 44.853 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.5	9.8	14.8

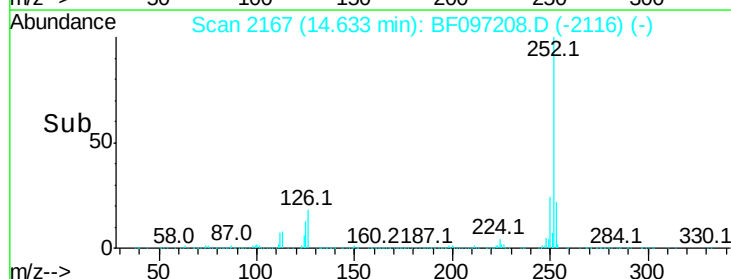
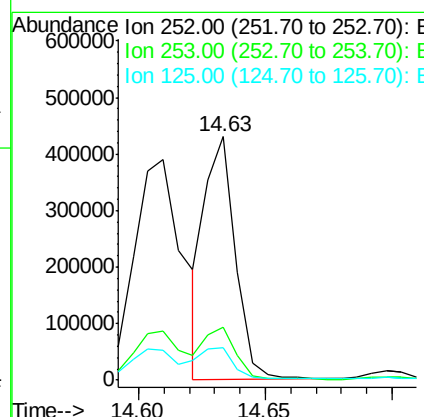
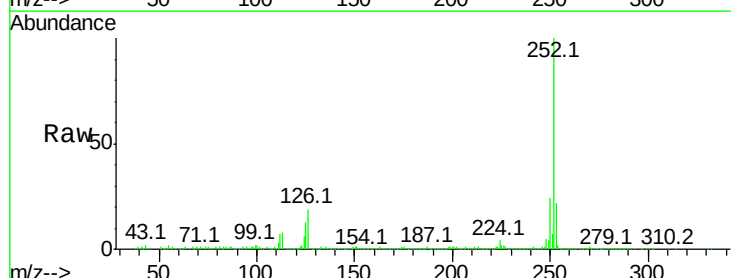
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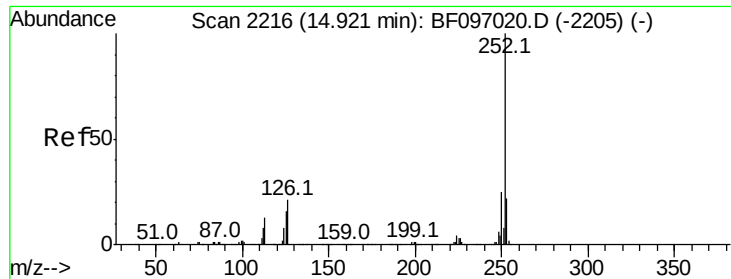
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#88
Benzo(k)fluoranthene
Concen: 32.757 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.2	13.1	19.7





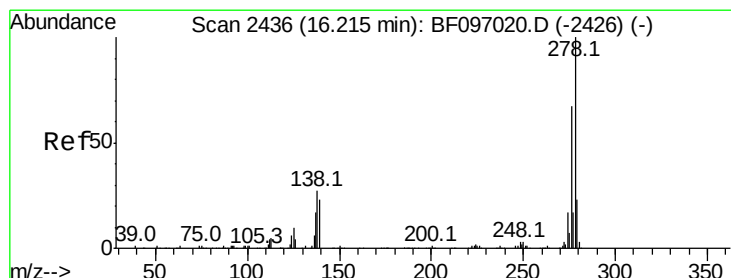
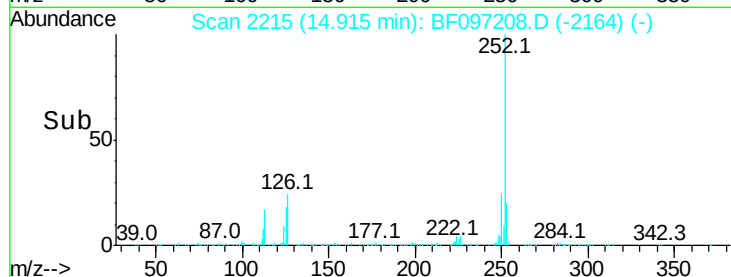
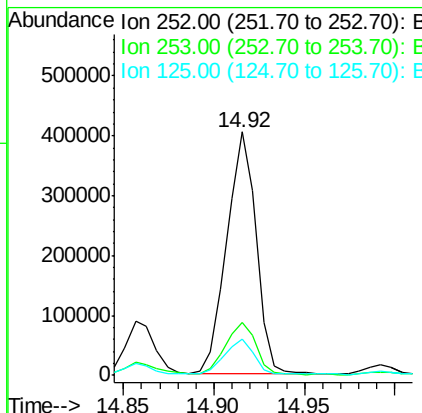
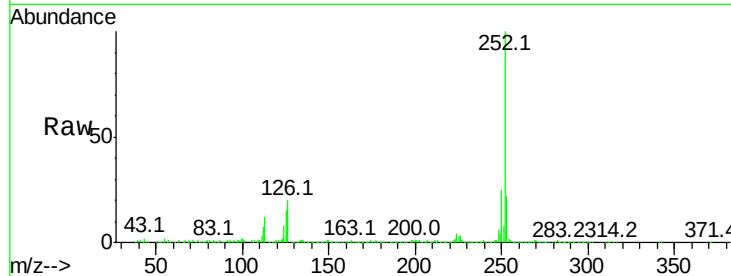
#89
Benzo(a)pyrene
Concen: 43.543 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.9	11.0	16.4

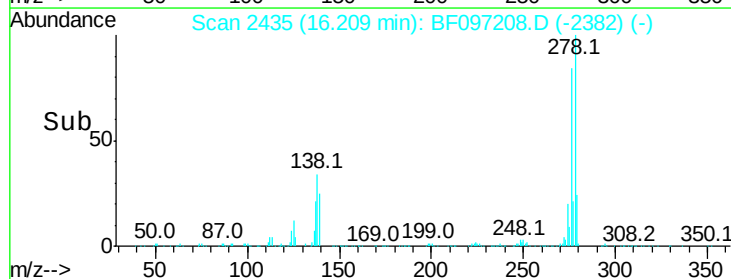
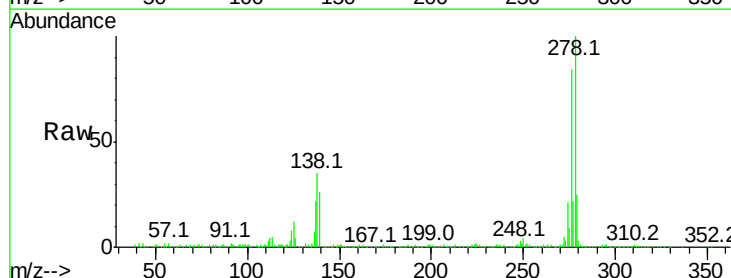
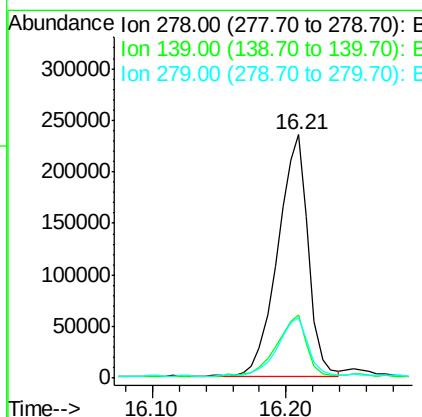
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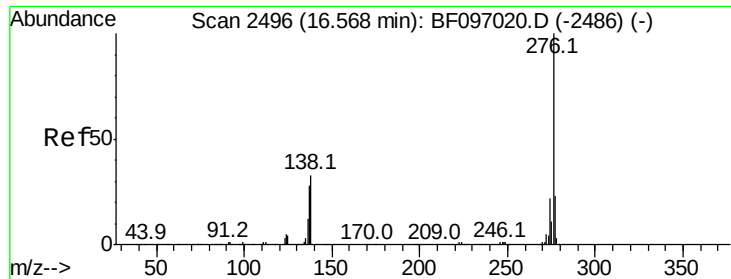
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#90
Dibenzo(a,h)anthracene
Concen: 43.262 ng
RT: 16.21 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	16.6	24.8#
279	25.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 42.948 ng
 RT: 16.57 min Scan# 2496
 Delta R.T. 0.02 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
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