

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104430.D
 Acq On : 11 Apr 2018 11:18
 Operator : JU/SJ
 Sample : J2301-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:30:25 PM

Quant Time: Apr 11 14:22:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144447	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588623	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272612	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	488764	20.00	ng	0.00
75) Chrysene-d12	13.99	240	338953	20.00	ng	0.00
86) Perylene-d12	15.44	264	301552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	920944	97.49	ng	0.02
7) Phenol-d6	6.45	99	1258988	108.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	759905	84.30	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	325401	115.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1308328	75.82	ng	0.00
78) Terphenyl-d14	12.93	244	1330158	89.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	150396	34.167	ng	89
3) Pyridine	3.32	79	411164	33.223	ng	86
4) n-Nitrosodimethylamine	3.28	42	162230	37.500	ng	81
6) Aniline	6.47	93	329303	20.421	ng	96
8) 2-Chlorophenol	6.60	128	419343	42.057	ng	94
9) Benzaldehyde	6.36	77	291087	57.606	ng	95
10) Phenol	6.46	94	570914	46.357	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	403736	41.081	ng	94
12) 1,3-Dichlorobenzene	6.75	146	440999	39.041	ng	99
13) 1,4-Dichlorobenzene	6.83	146	444651	39.489	ng	98
14) 1,2-Dichlorobenzene	6.98	146	420577	40.306	ng	99
15) Benzyl Alcohol	6.95	79	361627	41.020	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	534557	40.502	ng	93
17) 2-Methylphenol	7.06	107	348280	40.184	ng	97
18) Hexachloroethane	7.32	117	164576	40.994	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	285817	37.683	ng	96
20) 3+4-Methylphenols	7.22	107	402282	37.424	ng	# 78
22) Acetophenone	7.22	105	558274	38.524	ng	96
24) Nitrobenzene	7.40	77	438829	44.092	ng	95
25) Isophorone	7.63	82	726706	38.123	ng	99
26) 2-Nitrophenol	7.71	139	237702	58.667	ng	94
27) 2,4-Dimethylphenol	7.75	122	327339	38.910	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	491334	42.157	ng	100
29) 2,4-Dichlorophenol	7.95	162	351519	43.792	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	360894	40.967	ng	99
31) Naphthalene	8.12	128	1127534	38.469	ng	100
32) Benzoic acid	7.87	122	232204	34.593	ng	97
33) 4-Chloroaniline	8.16	127	126040	10.037	ng	96
34) Hexachlorobutadiene	8.23	225	204933	42.471	ng	97
35) Caprolactam	8.55	113	112898m	40.317	ng	
36) 4-Chloro-3-methylphenol	8.65	107	377262	43.832	ng	98
37) 2-Methylnaphthalene	8.80	142	723628	38.167	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	319801	40.981	ng	99
40) Hexachlorocyclopentadiene	8.96	237	357207	81.763	ng	98

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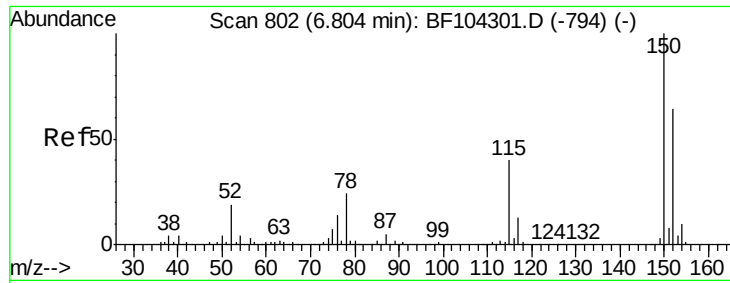
Manual Integrations
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 4/12/2018 2:30:25 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	245797	45.373	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	255052	42.073	nq	93
45) 1,1'-Biphenyl	9.27	154	924113	40.352	nq	99
46) 2-Chloronaphthalene	9.30	162	744103	41.135	nq	99
47) 2-Nitroaniline	9.39	65	234540	52.429	nq	97
48) Acenaphthylene	9.72	152	1100376	38.771	nq	99
49) Dimethylphthalate	9.58	163	994529	46.262	nq	99
50) 2,6-Dinitrotoluene	9.64	165	196704	49.449	nq	95
51) Acenaphthene	9.89	154	657617	37.976	nq	99
52) 3-Nitroaniline	9.80	138	81328	17.464	nq	97
53) 2,4-Dinitrophenol	9.92	184	185637	100.536	nq #	21
54) Dibenzofuran	10.06	168	984572	40.799	nq	97
55) 4-Nitrophenol	9.97	139	343663	93.944	nq	95
56) 2,4-Dinitrotoluene	10.05	165	259439	49.722	nq #	96
57) Fluorene	10.40	166	691289	39.356	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	198034	43.788	nq	95
59) Diethylphthalate	10.27	149	841409	39.300	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	343338	43.890	nq	99
61) 4-Nitroaniline	10.43	138	201354	44.220	nq	97
62) Azobenzene	10.55	77	820245	40.100	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	143075	58.253	nq	87
65) n-Nitrosodiphenylamine	10.52	169	705199	41.613	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	227822	43.821	nq	97
67) Hexachlorobenzene	10.95	284	251467	42.987	nq	95
68) Atrazine	11.05	200	230122	44.987	nq	99
69) Pentachlorophenol	11.15	266	275343	76.082	nq	98
70) Phenanthrene	11.36	178	1047078	38.469	nq	99
71) Anthracene	11.42	178	1063642	38.442	nq	99
72) Carbazole	11.57	167	1080705	39.972	nq	99
73) Di-n-butylphthalate	11.90	149	1300443	39.375	nq	99
74) Fluoranthene	12.55	202	1063945	37.412	nq	99
76) Benzidine	12.67	184	460565	40.119	nq	98
77) Pyrene	12.79	202	1083790	43.137	nq	100
79) Butylbenzylphthalate	13.40	149	539923	45.615	nq	99
80) Benzo(a)anthracene	13.97	228	813847	40.191	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	200808	26.597	nq	99
82) Chrysene	14.02	228	813142	39.095	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	695869	45.707	nq	99
84) Di-n-octyl phthalate	14.59	149	1093060	42.968	nq	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	823834	46.627	nq	97
87) Benzo(b)fluoranthene	15.02	252	753504	39.563	nq	97
88) Benzo(k)fluoranthene	15.06	252	657646	36.575	nq	98
89) Benzo(a)pyrene	15.39	252	667888	39.193	nq	97
90) Dibenzo(a,h)anthracene	16.92	278	671573	47.984	nq	99
91) Benzo(g,h,i)perylene	17.34	276	700481	51.660	nq	96

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



#1

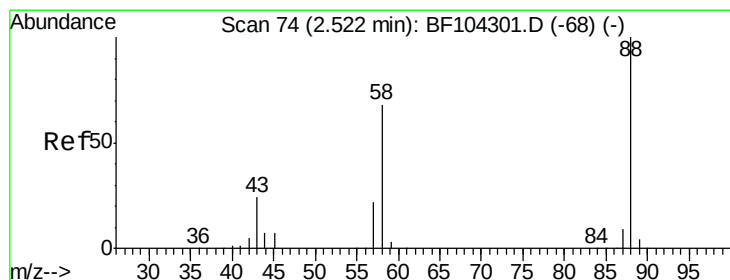
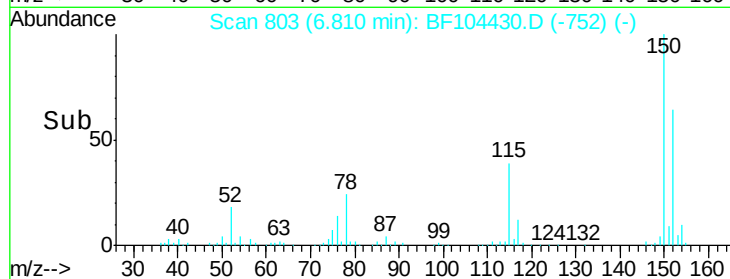
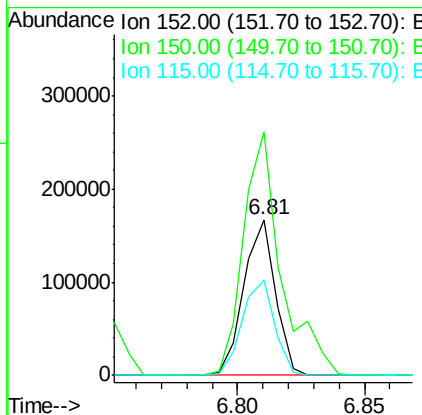
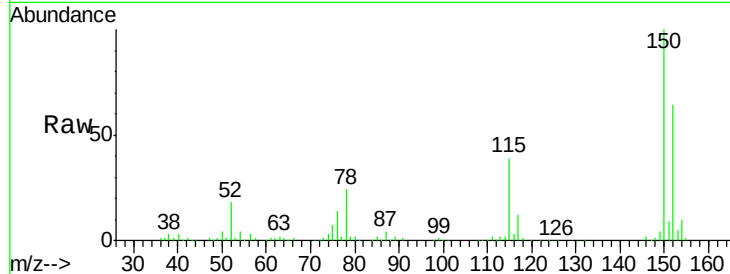
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.7	50.1	75.1

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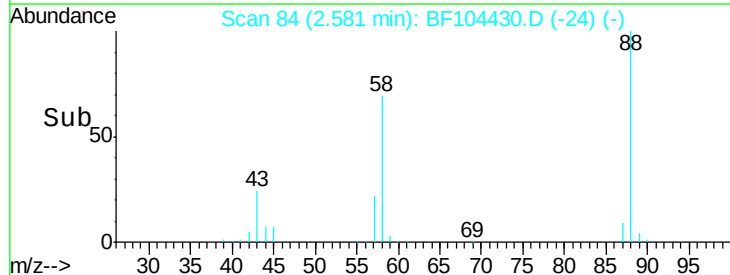
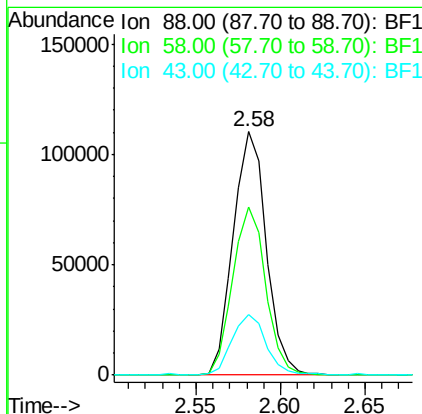
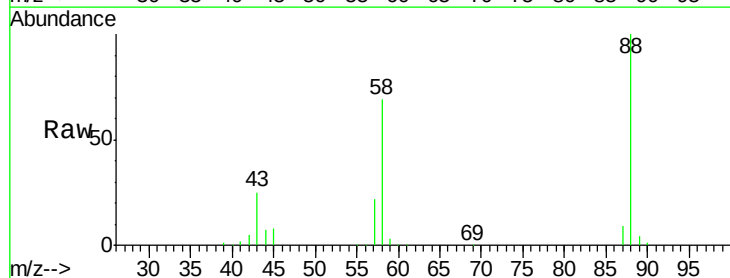
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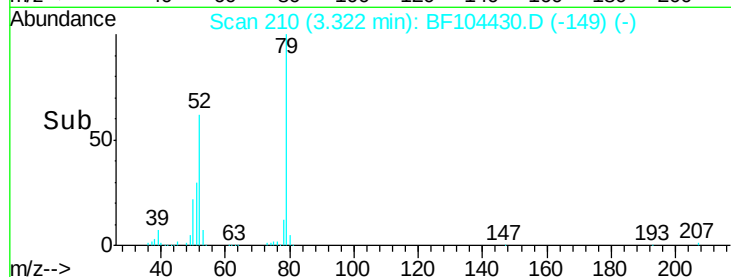
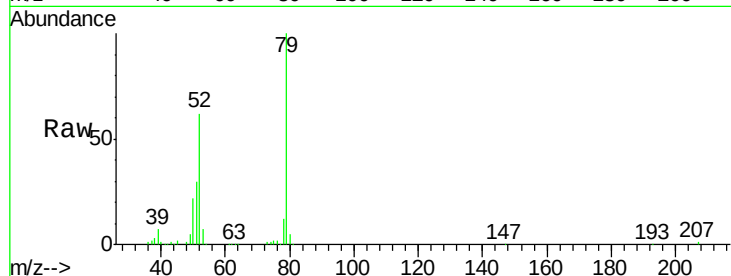
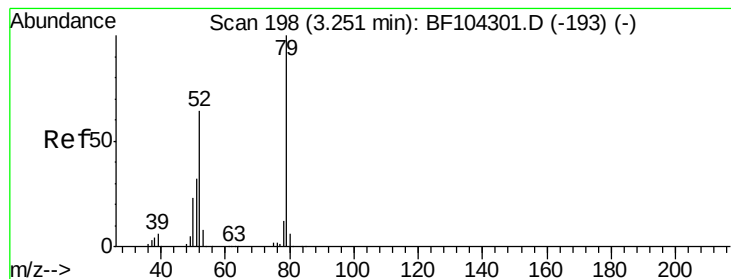


#2

1,4-Dioxane
Concen: 34.167 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.05 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	62.6	93.8
43	24.8	24.6	37.0





#3

Pvridine

Concen: 33.223 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.06 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tot Ion:	79	Resp:	411164
Ion Ratio	Lower	Upper	
79	100		
52	61.7	59.8	89.6
51	30.3	29.8	44.8

Instrument :

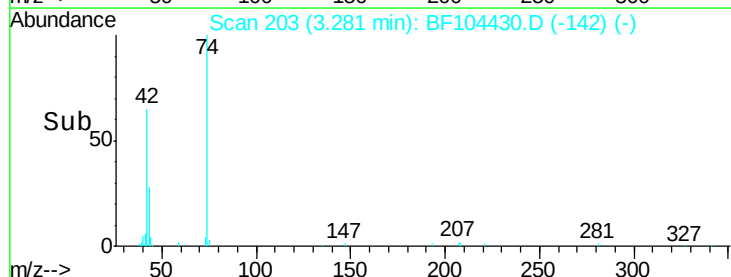
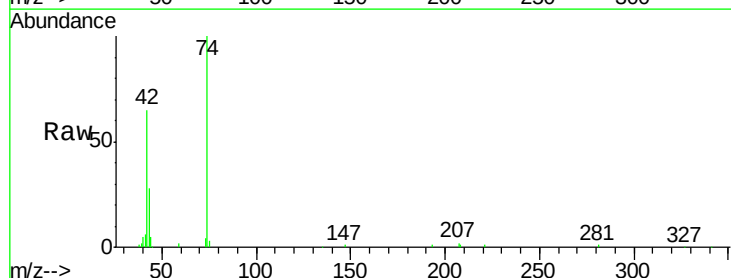
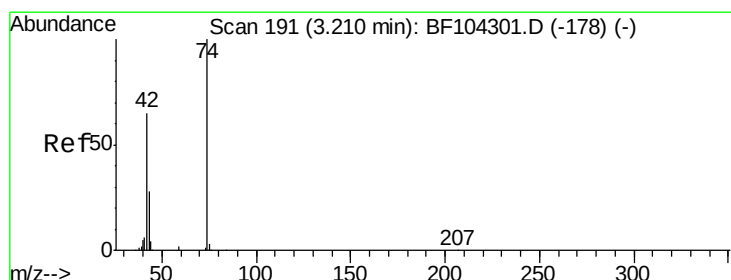
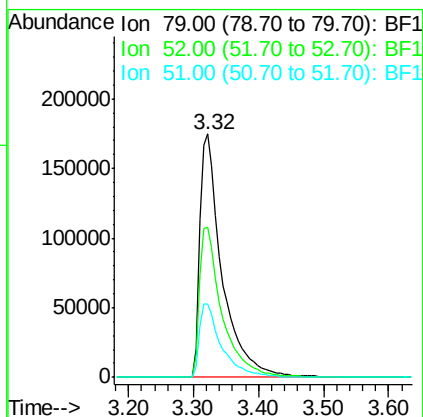
BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.500 ng

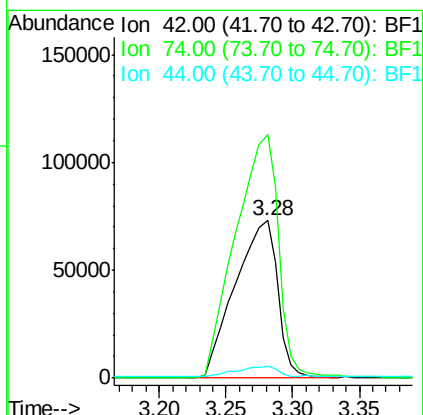
RT: 3.28 min Scan# 203

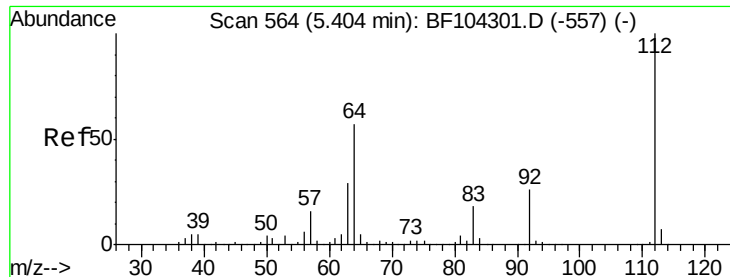
Delta R.T. 0.06 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	42	Resp:	162230
Ion Ratio	Lower	Upper	
42	100		
74	154.7	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 97.487 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

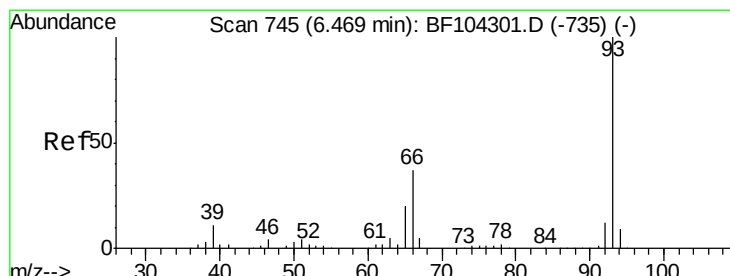
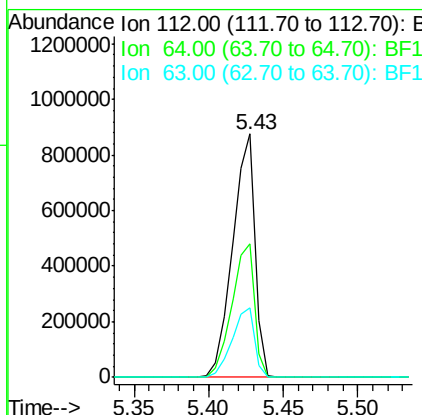
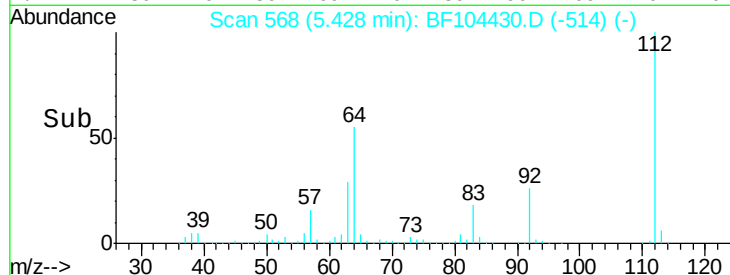
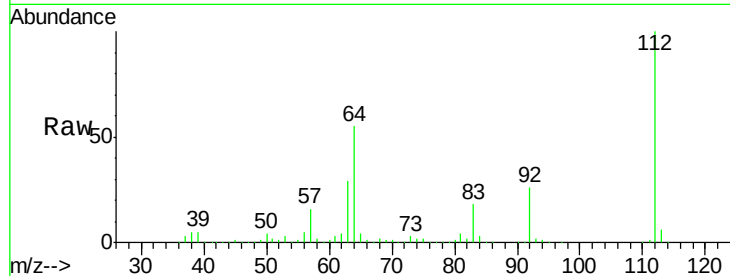
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	112	Resp:	920944
Ion Ratio	Lower	Upper	
112	100		
64	55.0	47.9	71.9
63	28.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.421 ng

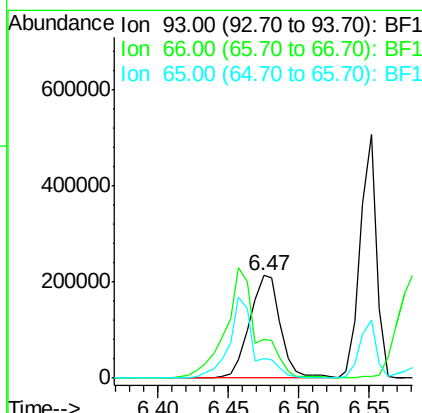
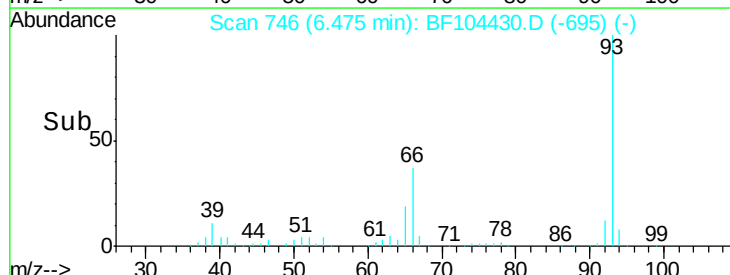
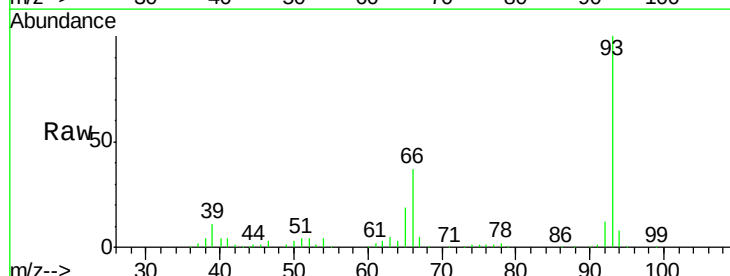
RT: 6.47 min Scan# 746

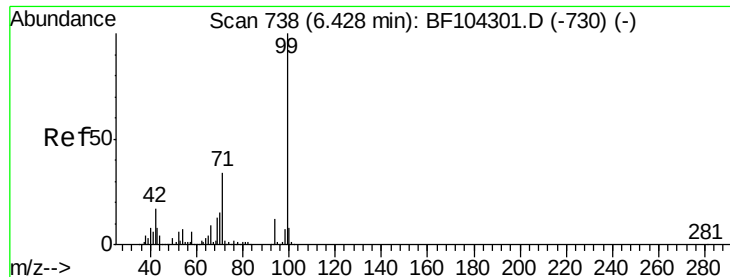
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	93	Resp:	329303
Ion Ratio	Lower	Upper	
93	100		
66	37.4	32.2	48.2
65	19.3	16.4	24.6





#7

Phenol-d6

Concen: 108.467 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion: 99 Resp: 1258988

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

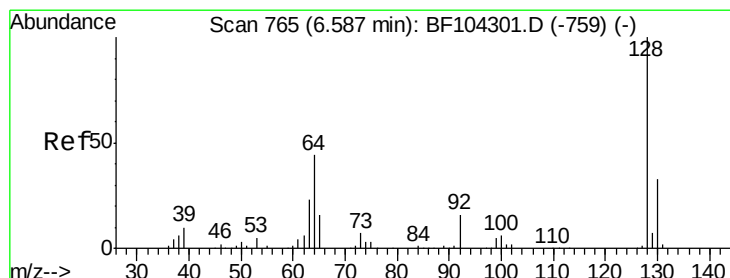
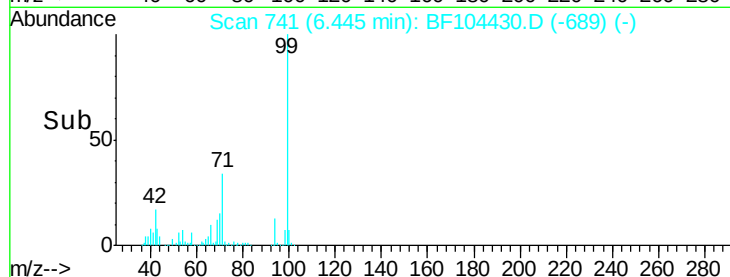
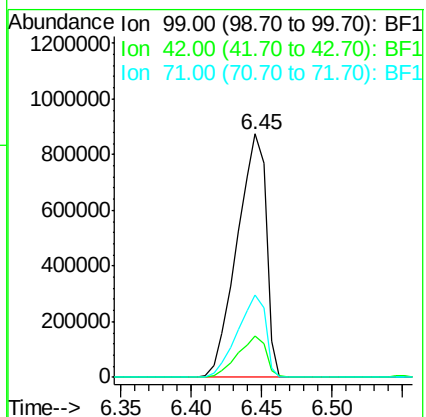
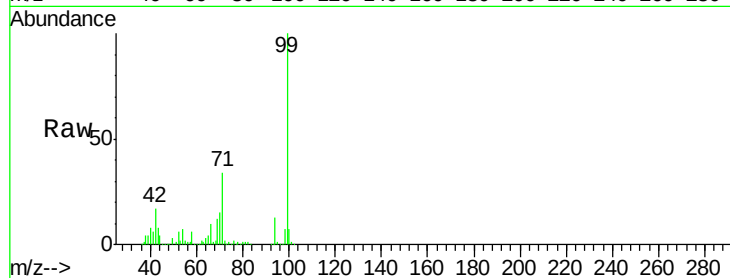
71 33.9 25.4 38.0

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#8

2-Chlorophenol

Concen: 42.057 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

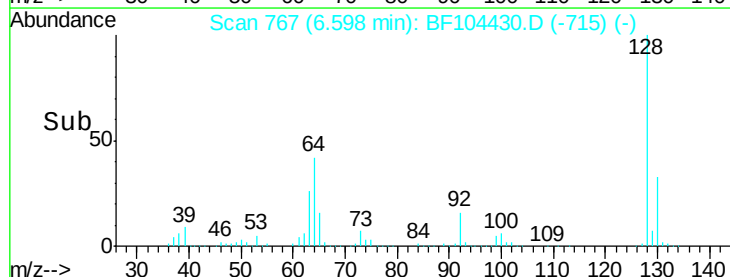
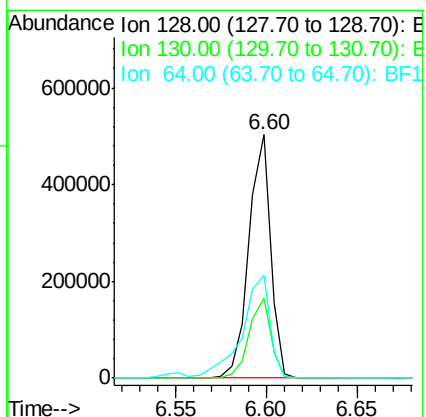
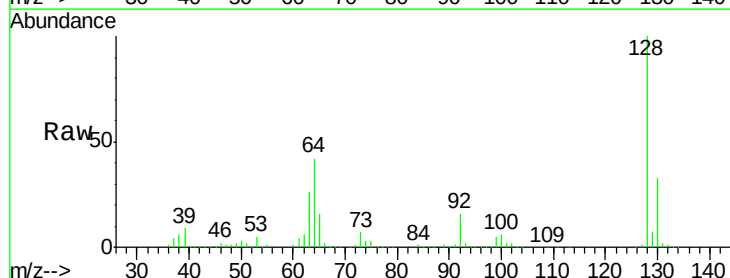
Tgt Ion: 128 Resp: 419343

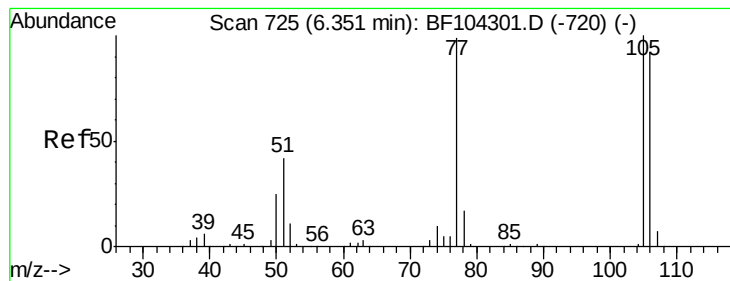
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 42.2 29.4 69.4





#9

Benzaldehyde

Concen: 57.606 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

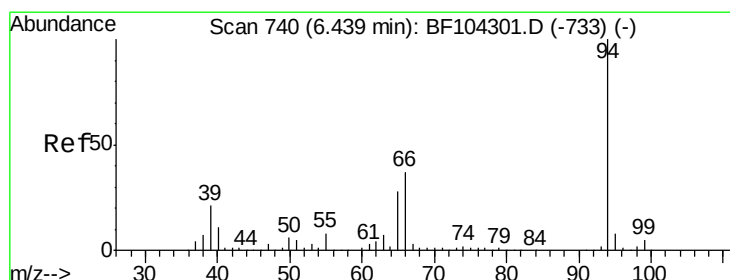
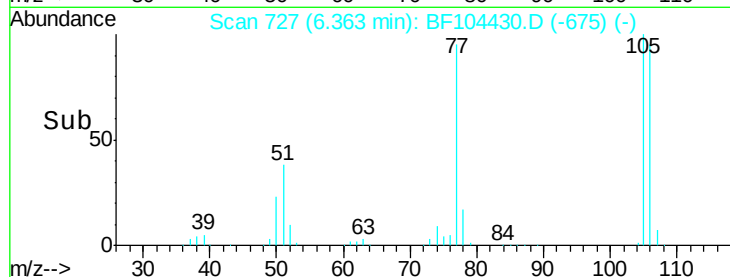
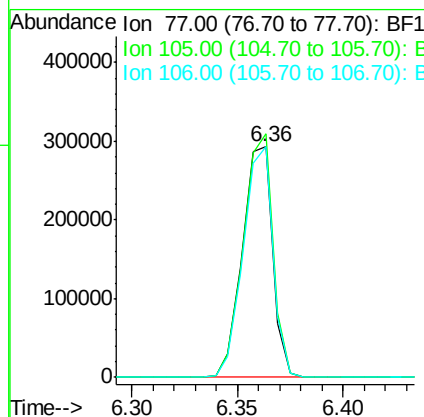
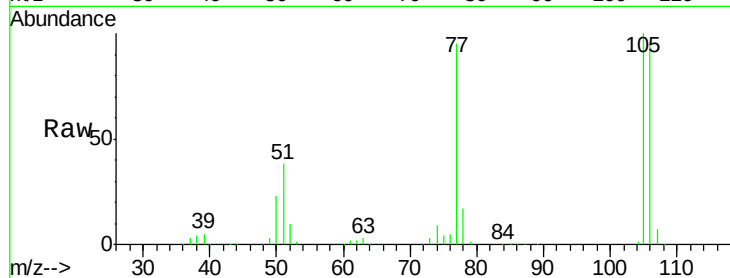
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	77	Resp:	291087
Ion Ratio	Lower	Upper	
77	100		
105	105.7	81.1	121.1
106	100.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.357 ng

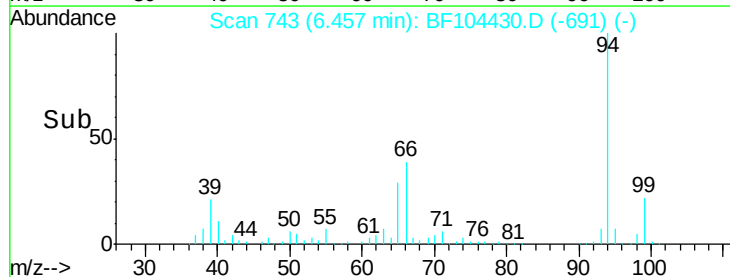
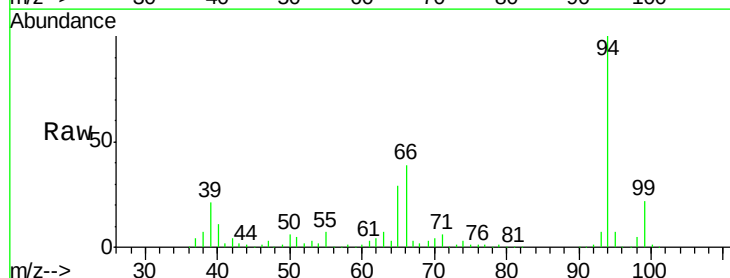
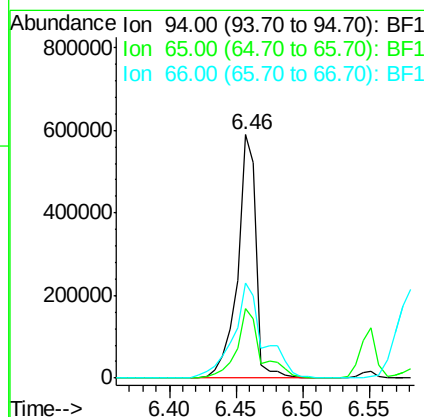
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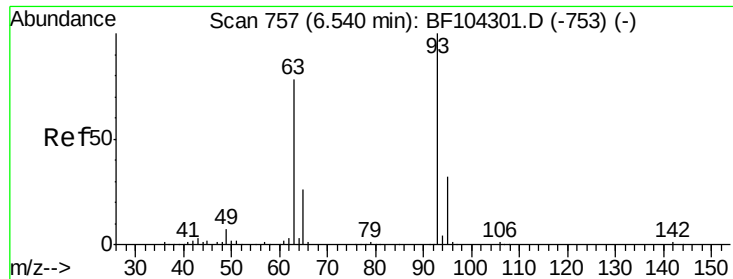
Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	94	Resp:	570914
Ion Ratio	Lower	Upper	
94	100		
65	28.6	7.9	47.9
66	39.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.081 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

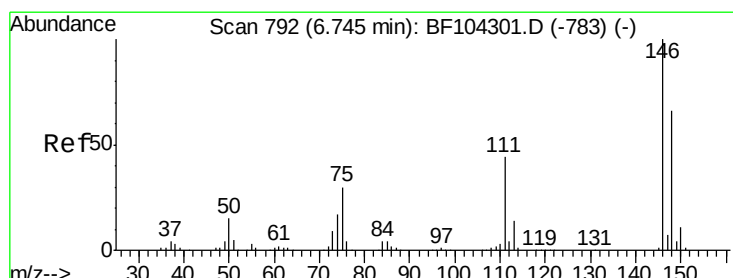
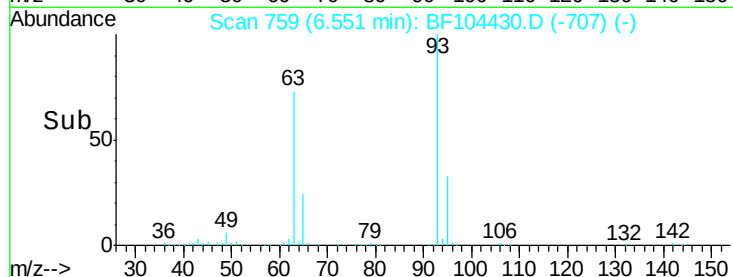
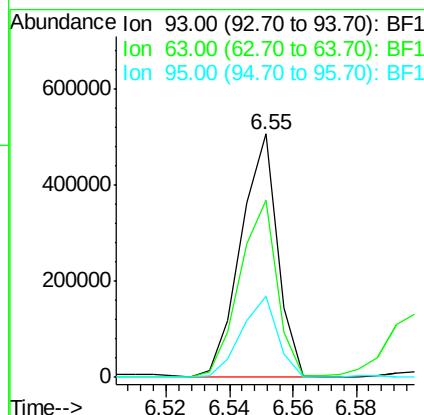
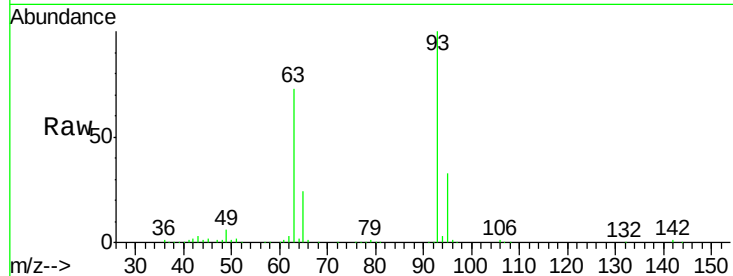
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	93	Resp:	403736
Ion Ratio	Lower	Upper	
93	100		
63	72.7	58.6	98.6
95	33.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.041 ng

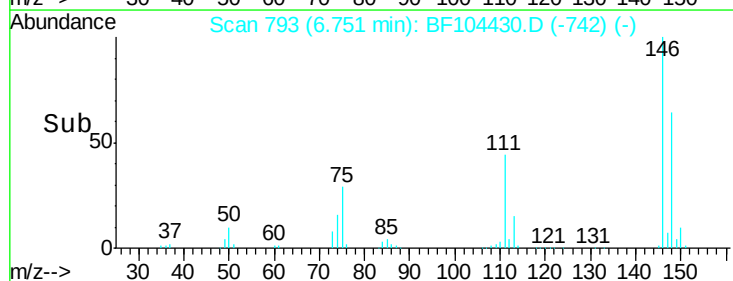
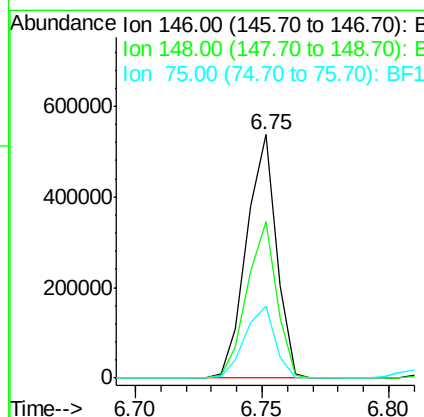
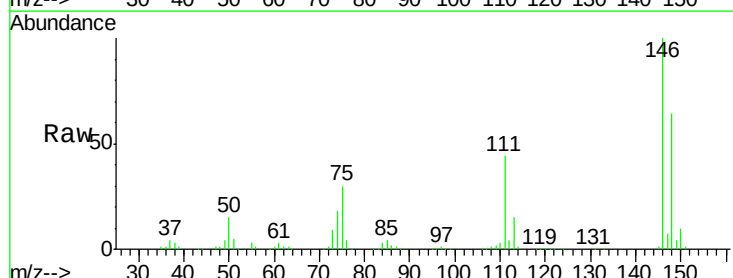
RT: 6.75 min Scan# 793

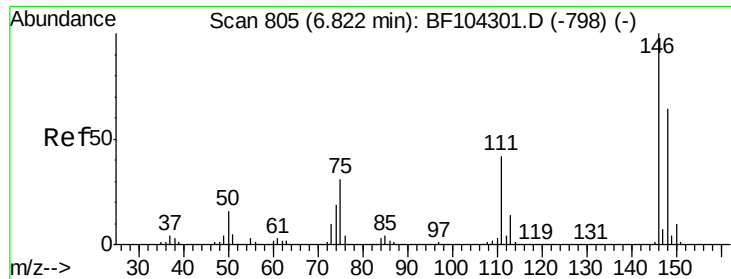
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	146	Resp:	440999
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	29.8	24.2	36.4





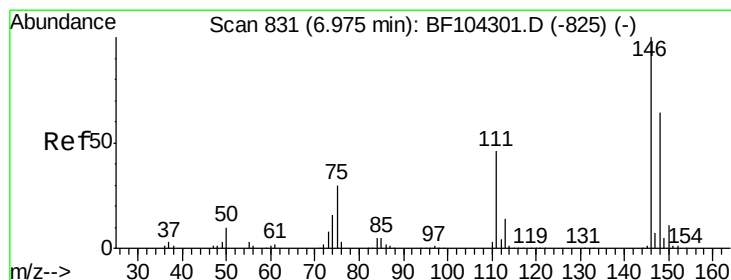
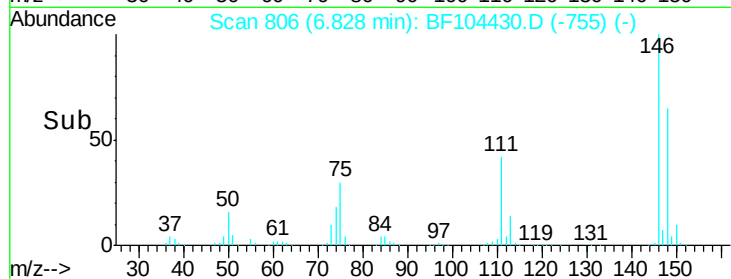
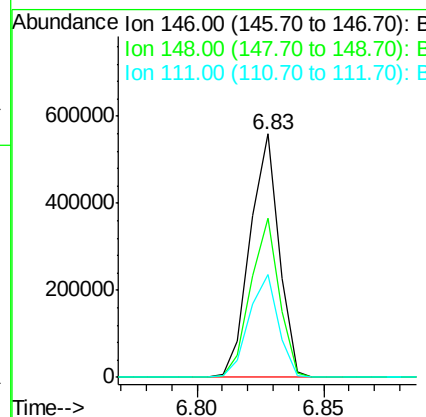
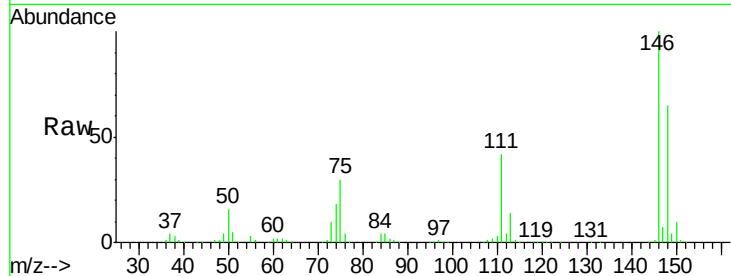
#13
 1,4-Dichlorobenzene
 Concen: 39.489 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	42.3	34.2	51.2

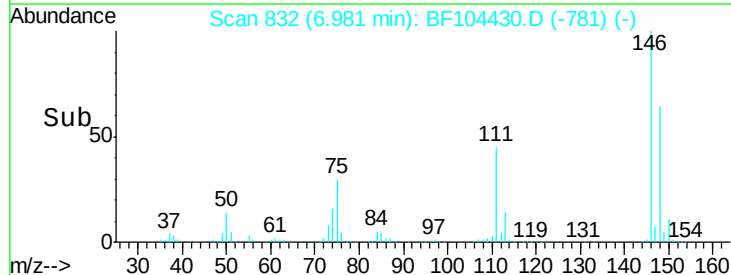
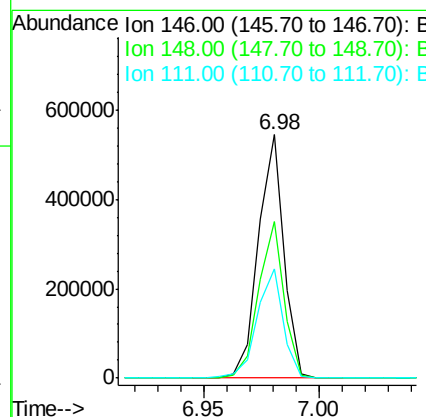
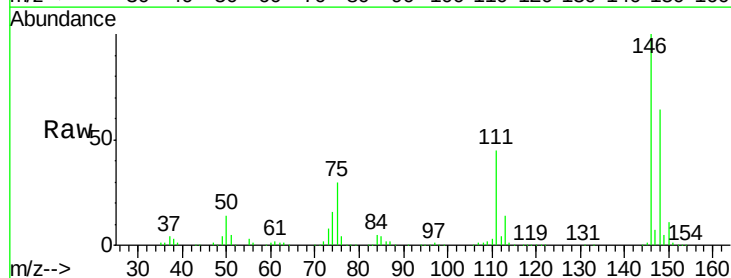
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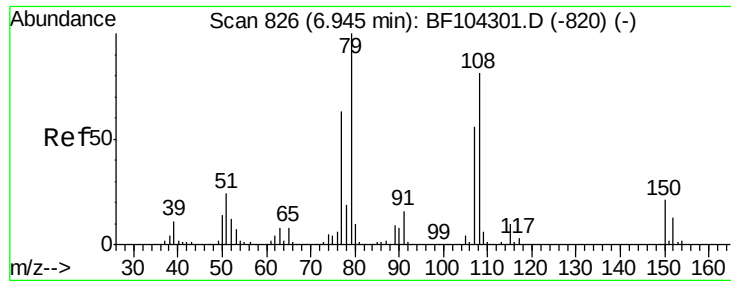
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#14
 1,2-Dichlorobenzene
 Concen: 40.306 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	44.8	36.0	54.0





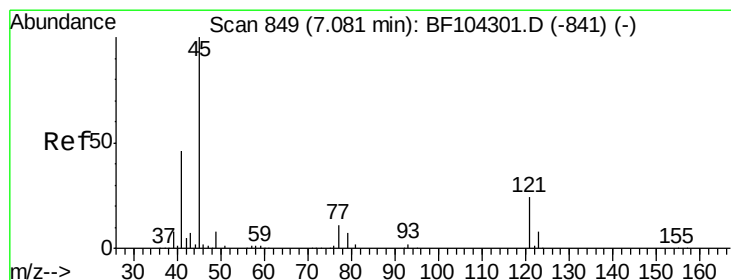
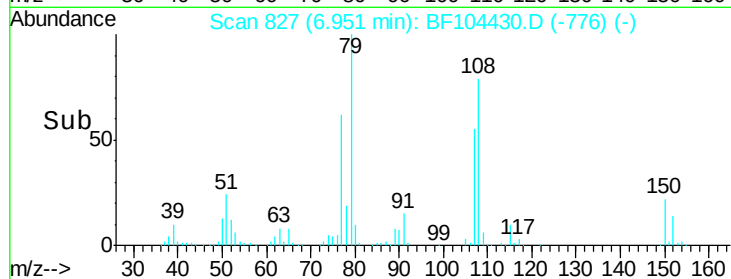
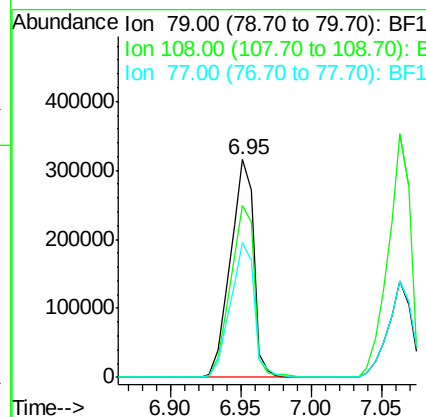
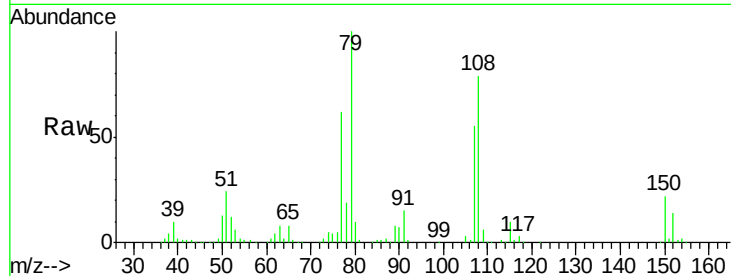
#15
Benzyl Alcohol
Concen: 41.020 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	65.1	97.7
77	61.9	50.6	75.8

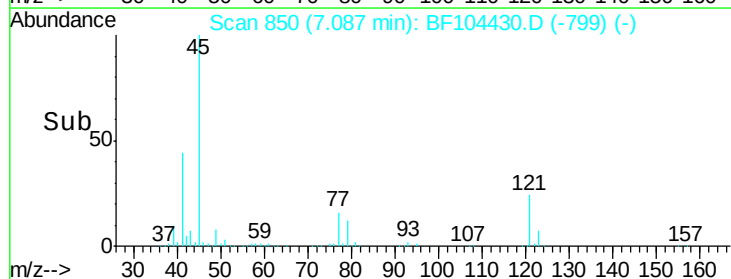
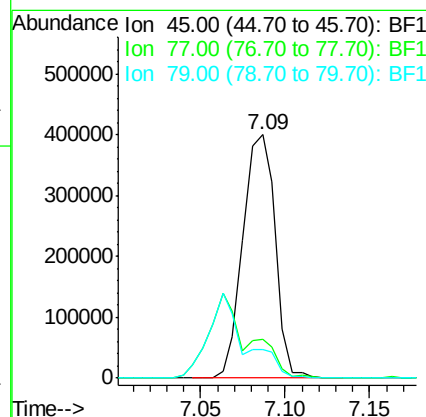
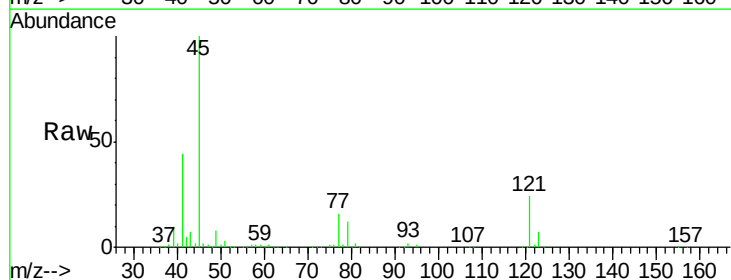
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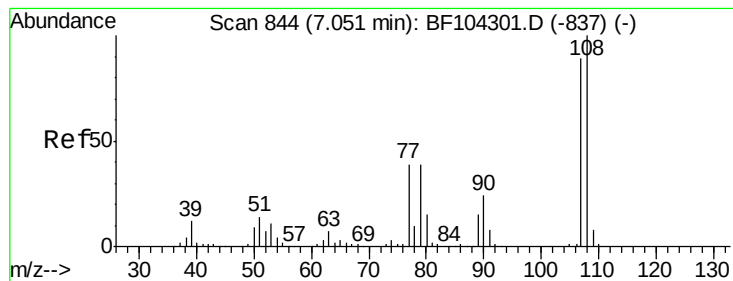
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.502 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	32.9
79	11.9	0.0	29.6





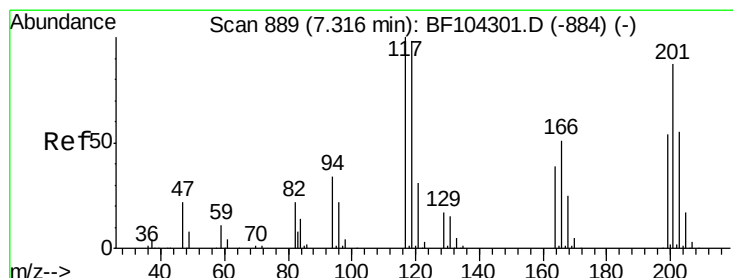
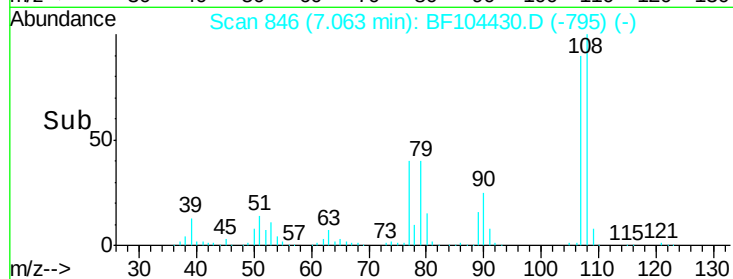
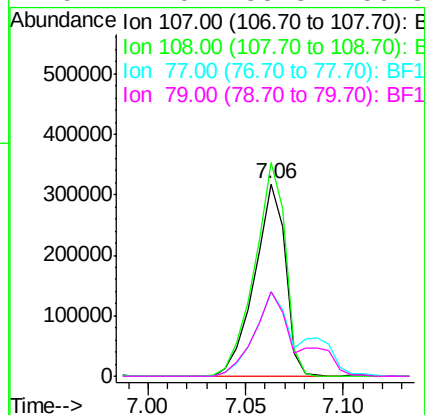
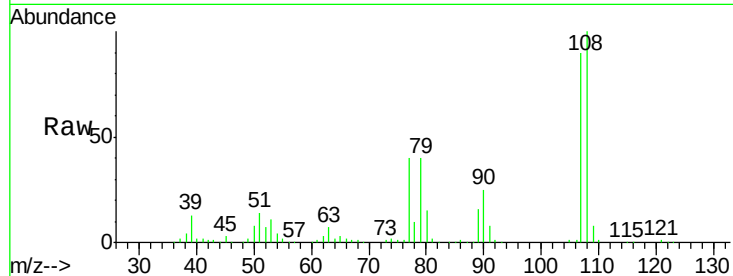
#17
2-Methylphenol
Concen: 40.184 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.7	137.5
77	43.9	33.8	50.8
79	44.0	33.8	50.8

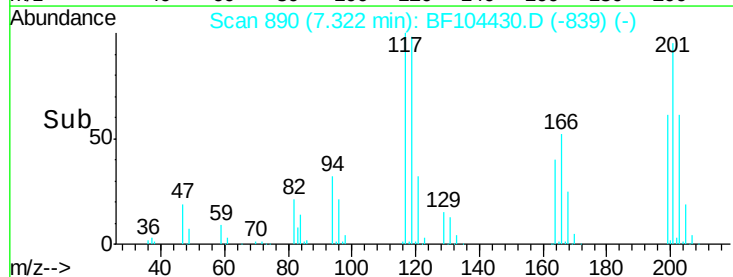
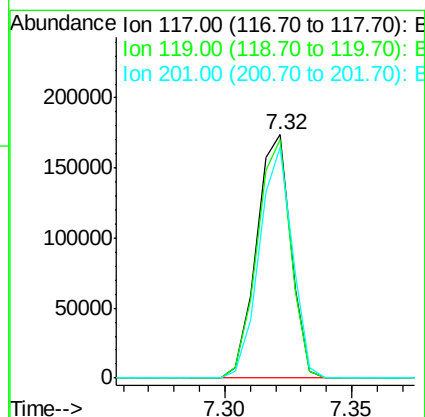
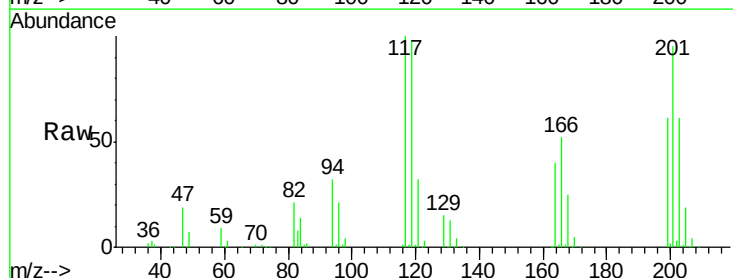
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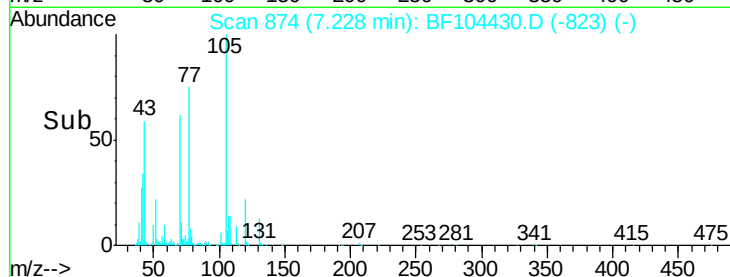
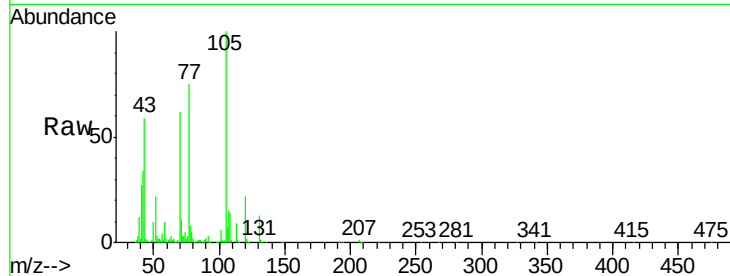
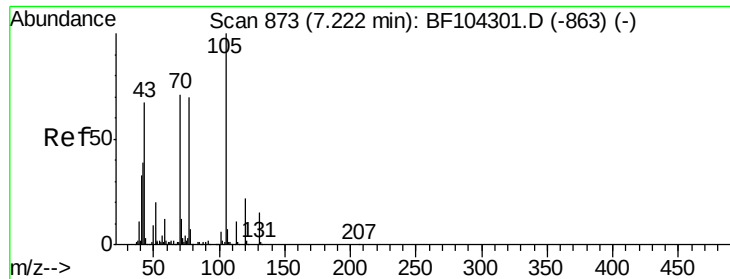
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#18
Hexachloroethane
Concen: 40.994 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.8
201	94.6	75.7	113.5





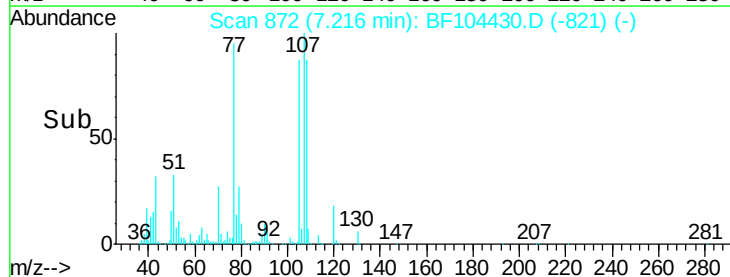
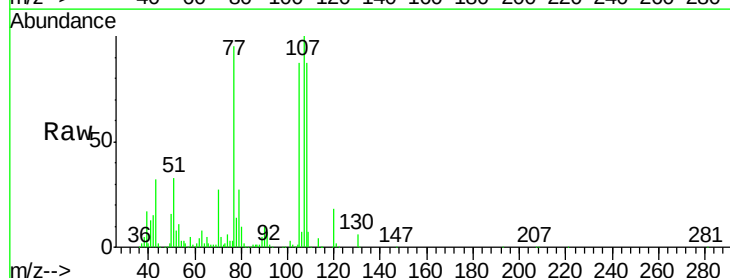
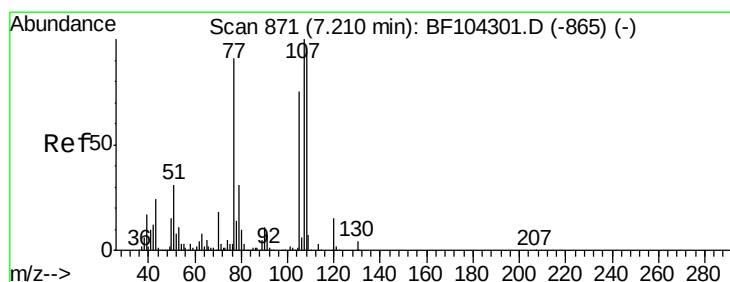
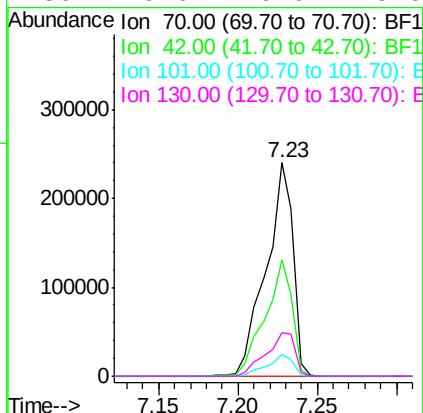
#19
n-Nitroso-di-n-propylamine
Concen: 37.683 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		285817		
42	54.8	47.5	71.3		
101	9.9	7.4	11.2		
130	20.6	16.6	25.0		

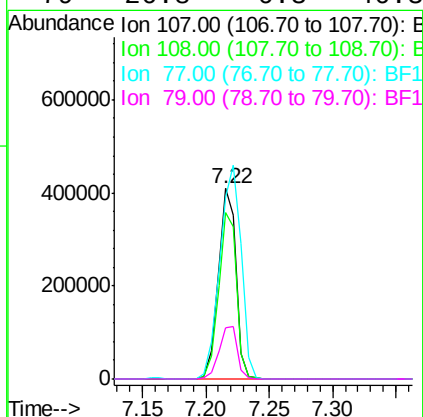
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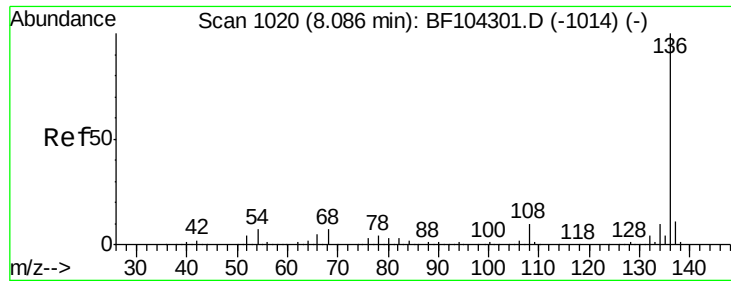
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#20
3+4-Methylphenols
Concen: 37.424 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		402282		
108	87.3	68.2	108.2		
77	95.4	26.7	66.7#		
79	26.8	6.3	46.3		





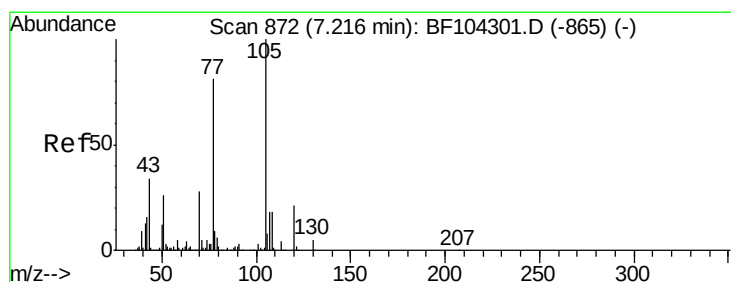
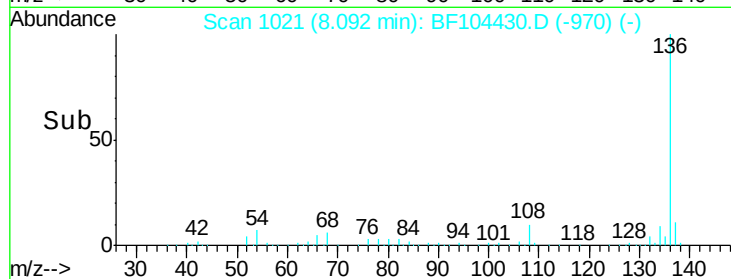
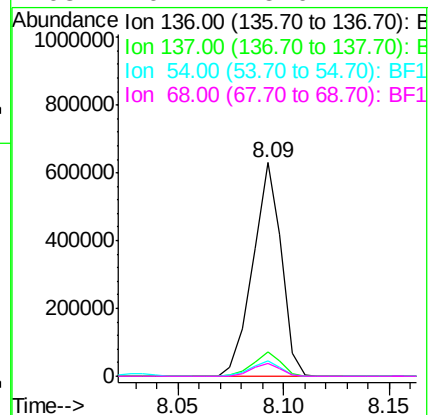
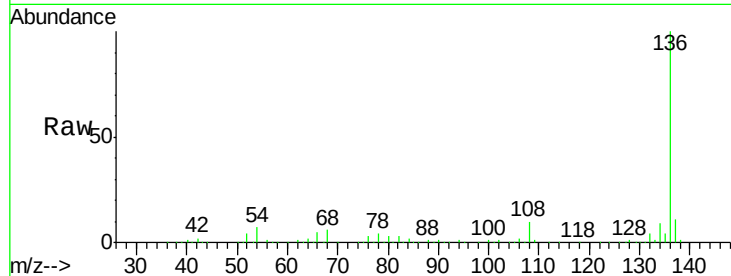
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	588623		
137	11.1		8.9	13.3
54	7.4		6.6	9.8
68	6.1		5.0	7.4

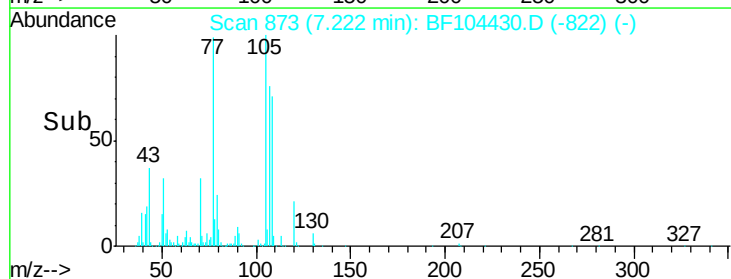
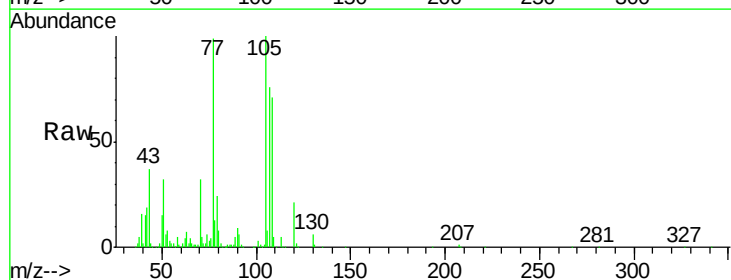
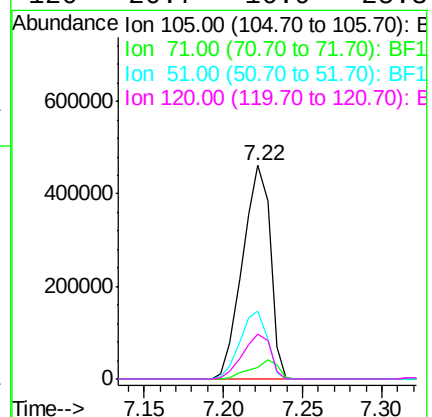
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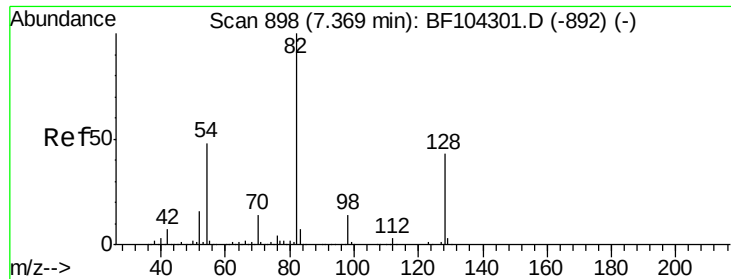
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#22
Acetophenone
Concen: 38.524 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558274		
71	5.4		4.4	6.6
51	31.5		22.3	33.5
120	20.7		16.9	25.3





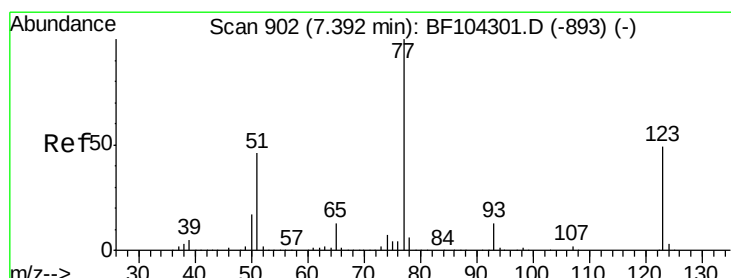
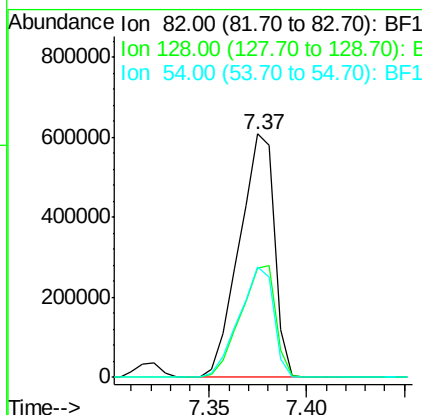
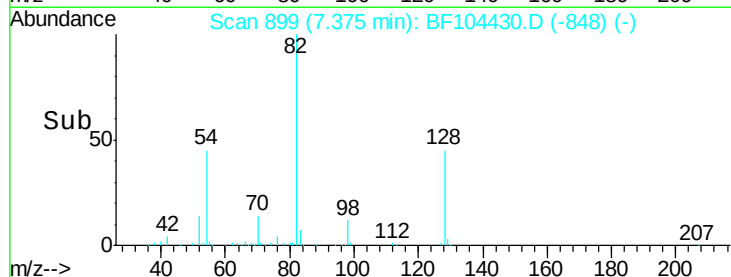
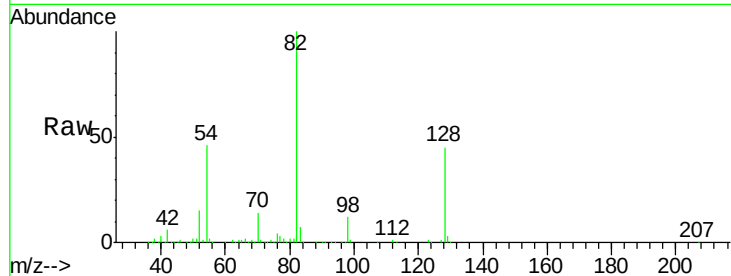
#23
 Nitrobenzene-d5
 Concen: 84.299 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	45.6	41.4	62.2

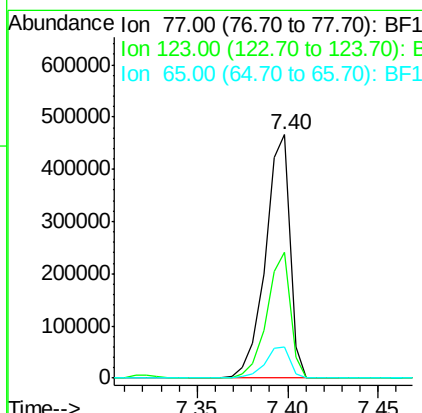
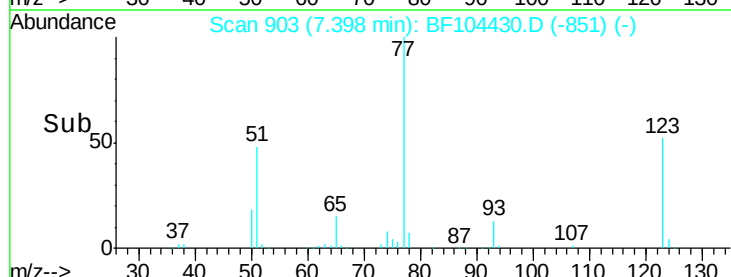
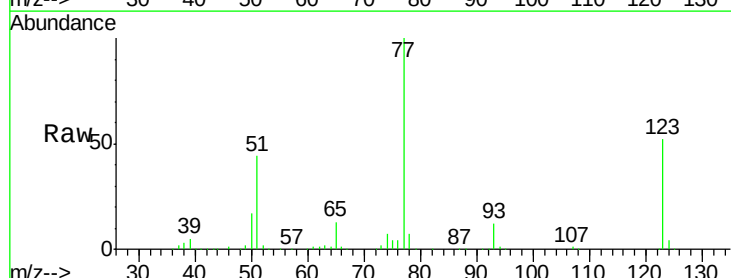
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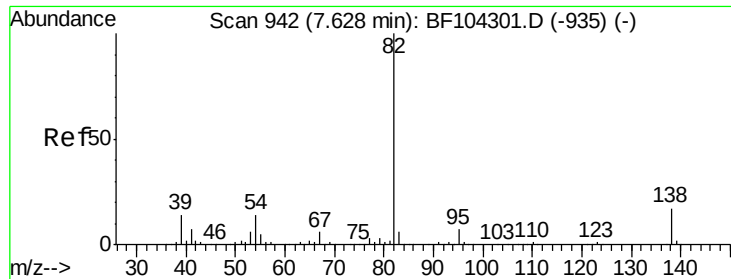
Sohil
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#24
 Nitrobenzene
 Concen: 44.092 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 38.123 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

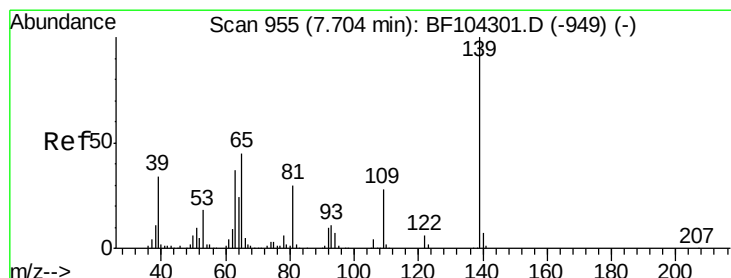
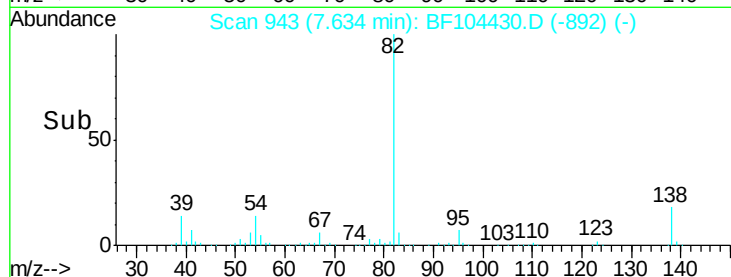
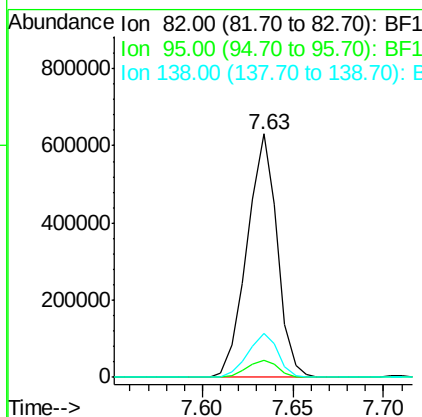
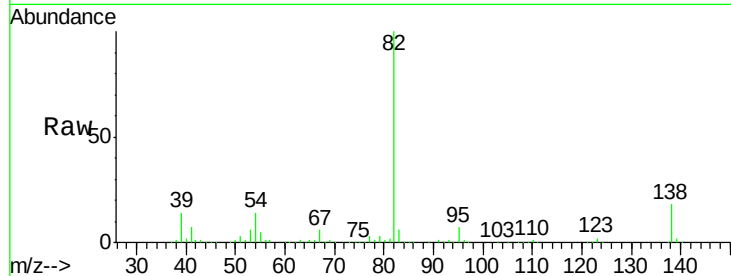
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	82	Resp:	726706
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 58.667 ng

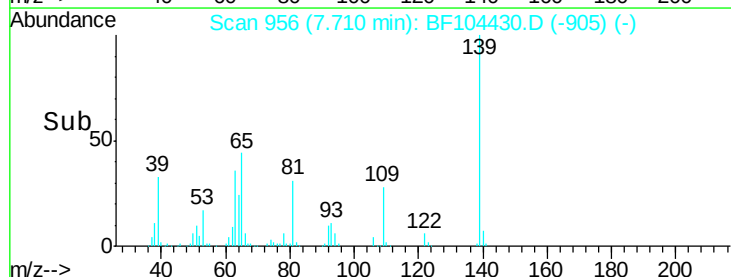
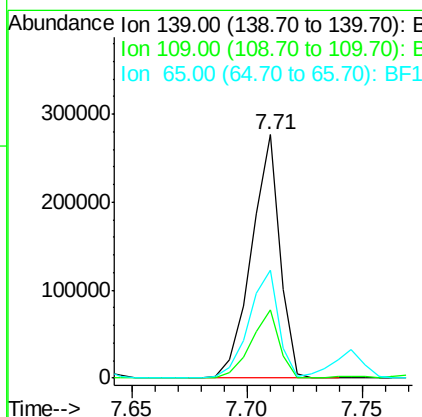
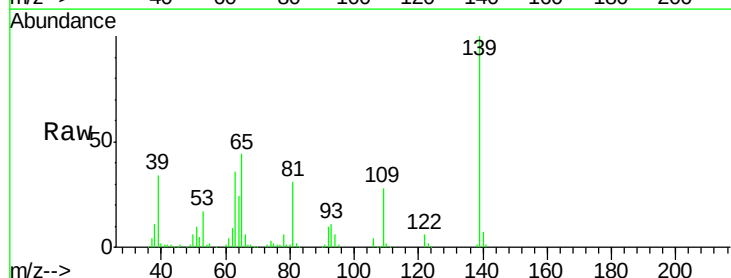
RT: 7.71 min Scan# 956

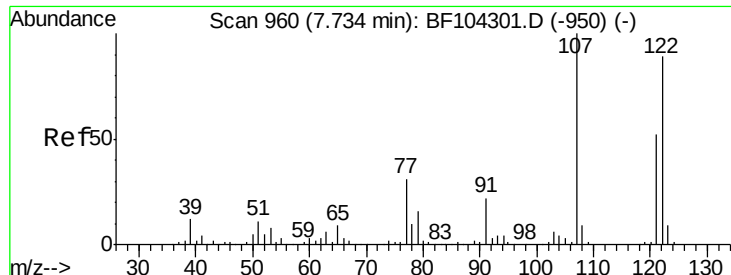
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	139	Resp:	237702
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	44.3	40.5	60.7





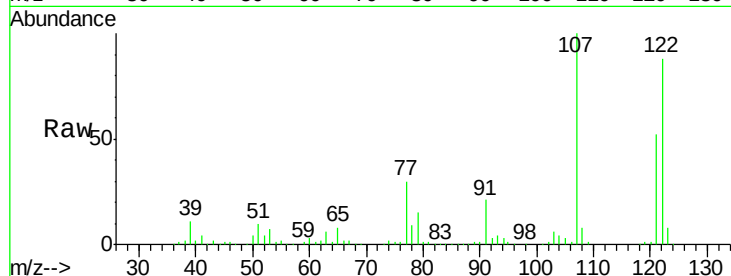
#27
 2,4-Dimethylphenol
 Concen: 38.910 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.2	136.8
121	59.5	47.2	70.8

Manual Integrations
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 4/12/2018 2:30:25 PM

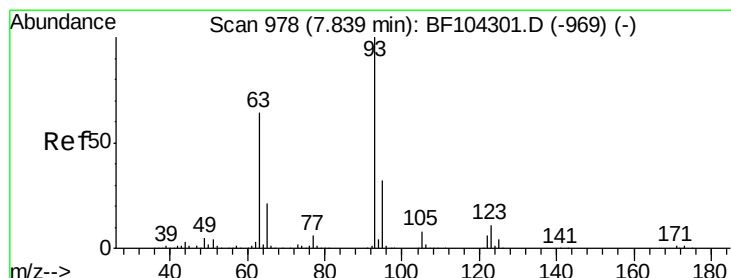
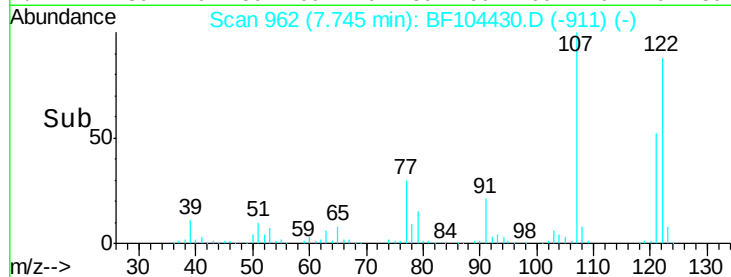
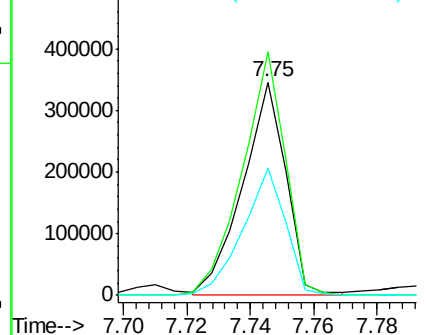


Abundance

Ion 122.00 (121.70 to 122.70): E

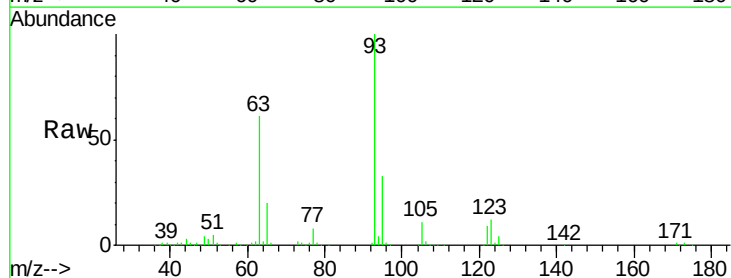
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.157 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.9	9.8	14.6

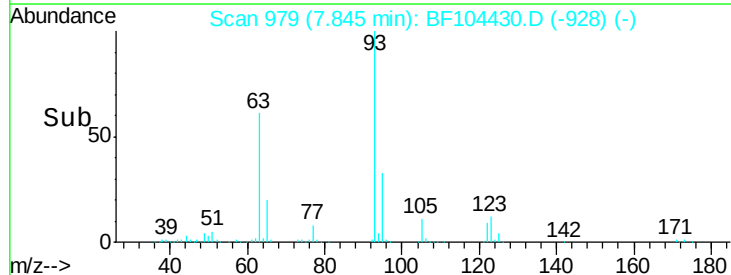
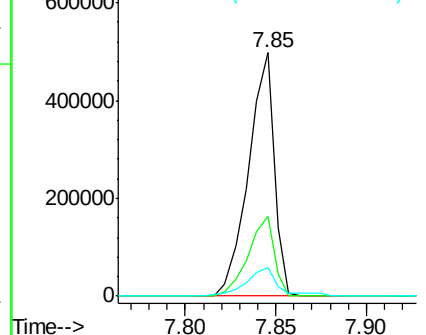


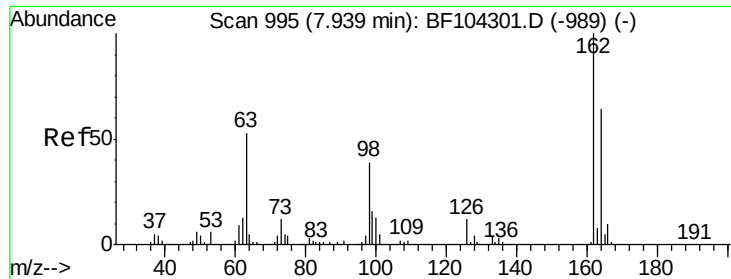
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





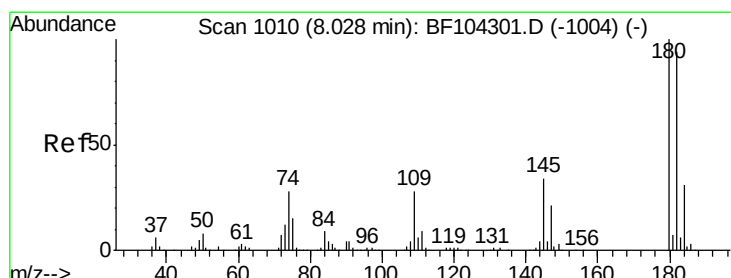
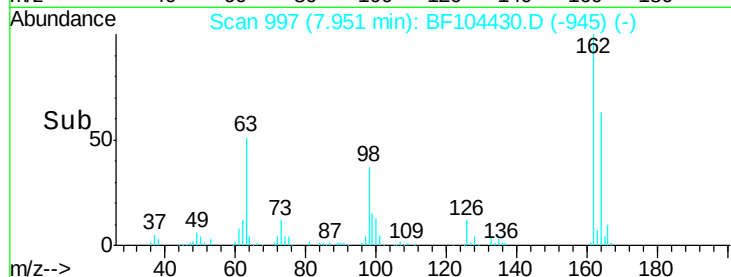
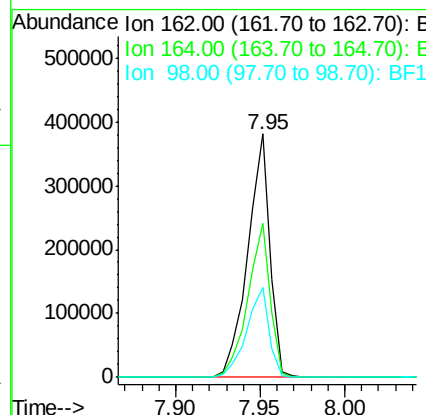
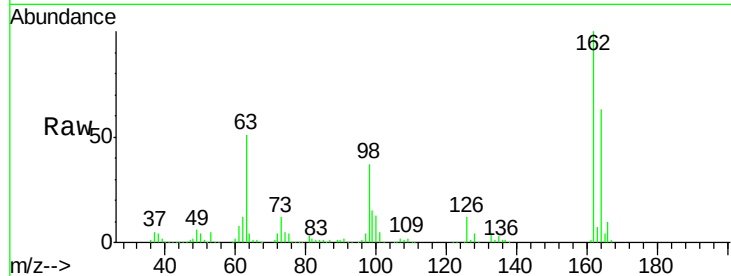
#29
2,4-Dichlorophenol
Concen: 43.792 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion:	162	Resp:	351519
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.7	82.7
98	37.1	18.1	58.1

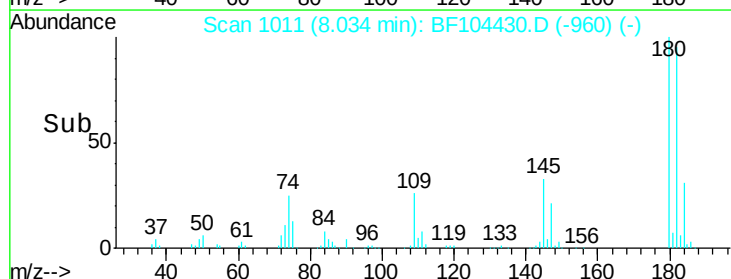
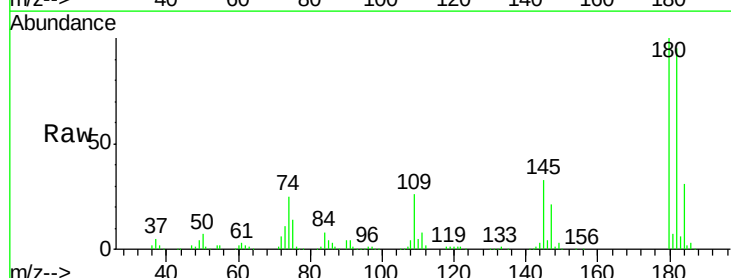
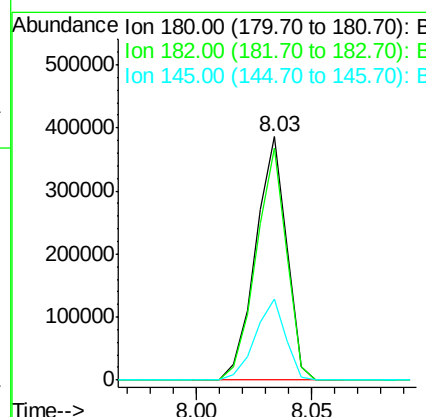
Manual Integrations
APPROVED

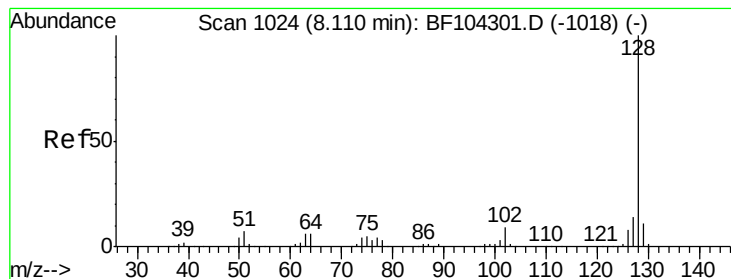
Sohil
4/12/2018 2:30:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.967 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion:	180	Resp:	360894
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.8	115.2
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 38.469 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:128 Resp: 1127534

Ion Ratio Lower Upper

128 100

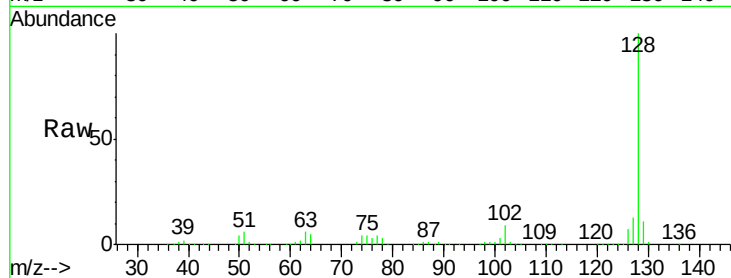
129 11.1 8.8 13.2

127 13.4 10.9 16.3

Manual Integrations
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Sohil

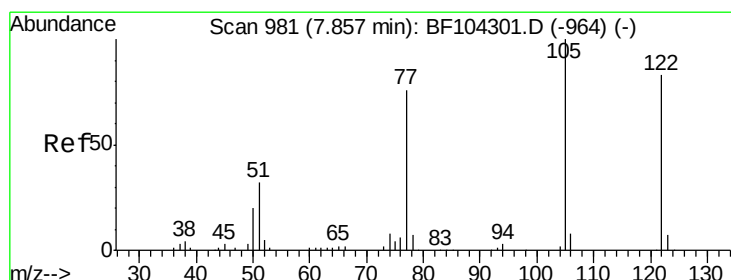
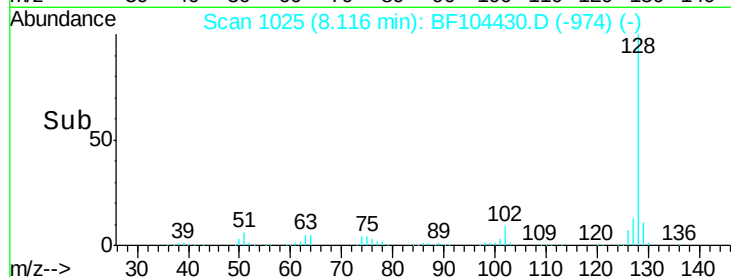
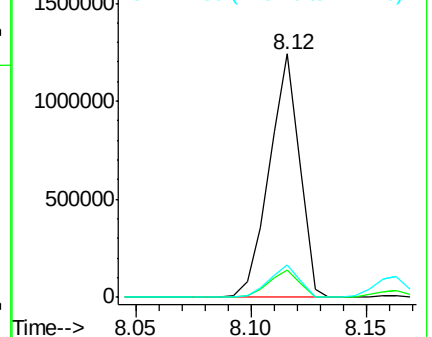
4/12/2018 2:30:25 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.593 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

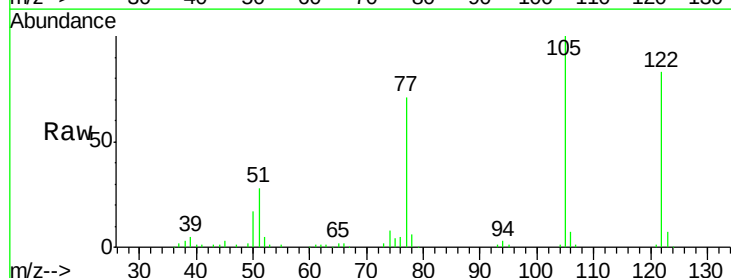
Tgt Ion:122 Resp: 232204

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

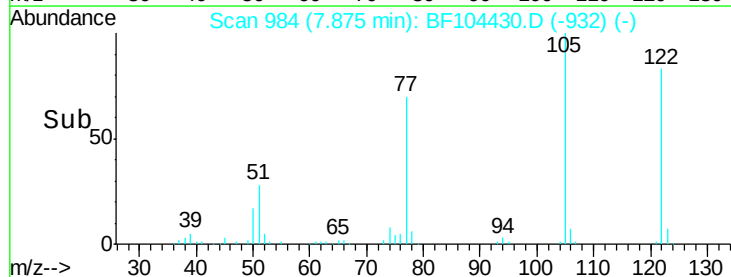
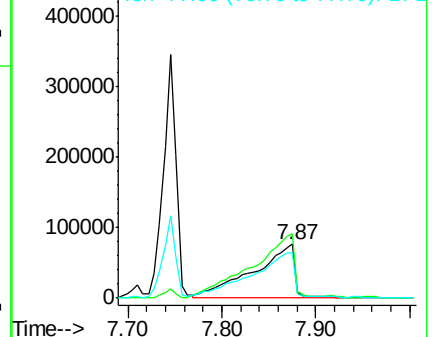
77 85.3 70.7 110.7

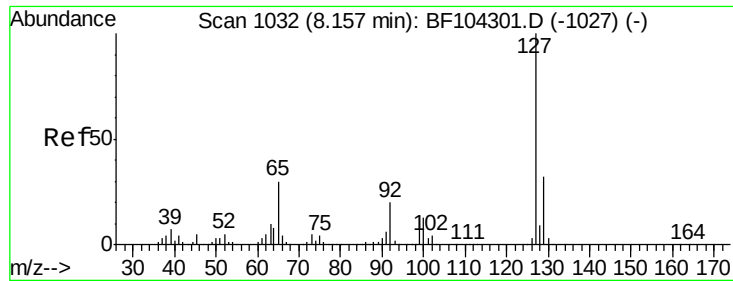


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





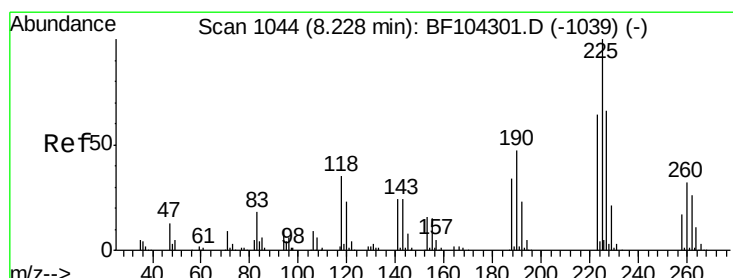
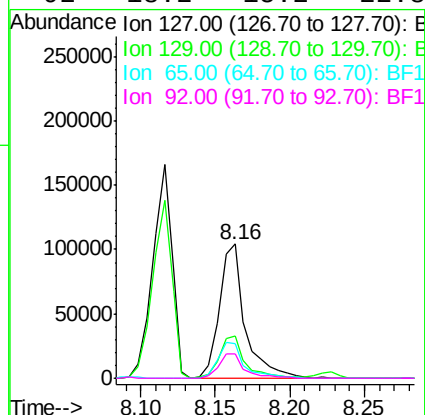
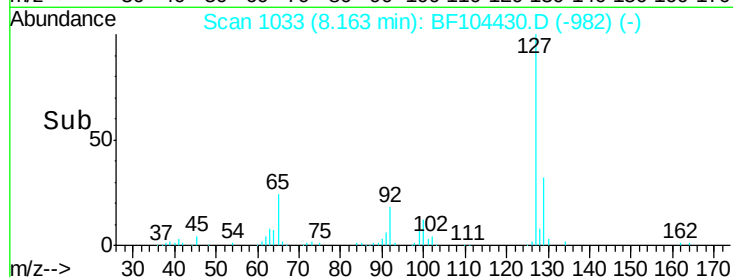
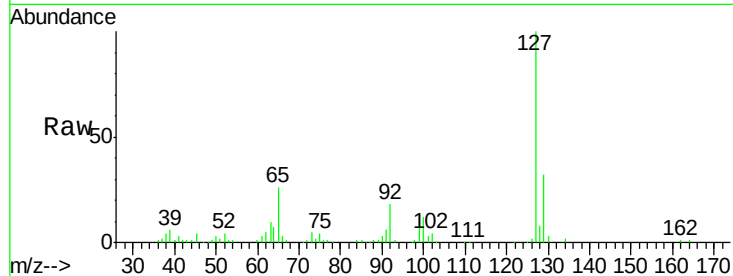
#33
4-Chloroaniline
Concen: 10.037 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.9	38.9		
65	26.2	25.0	37.4		
92	18.2	15.2	22.8		

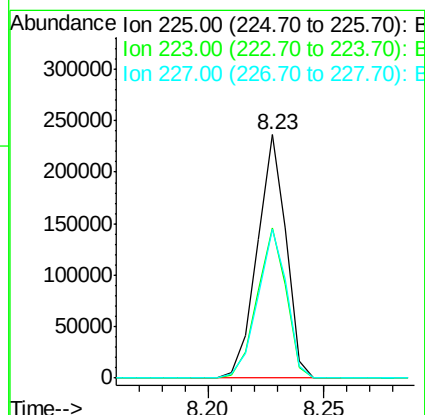
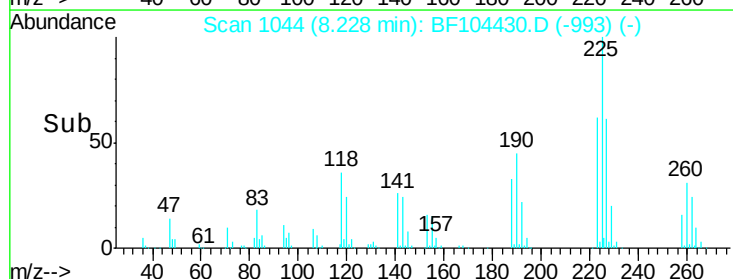
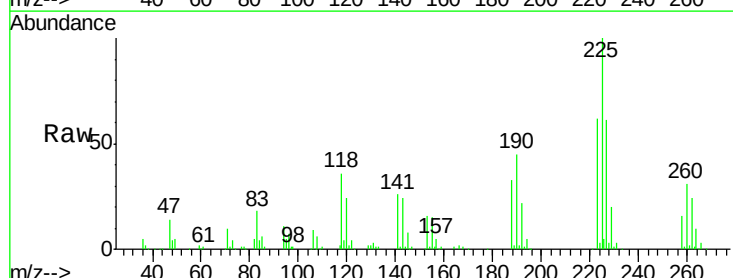
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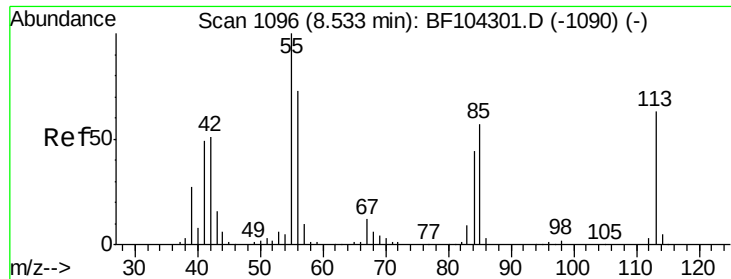
Sohil
4/12/2018 2:30:25 PM



#34
Hexachlorobutadiene
Concen: 42.471 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	50.6	76.0		
227	61.2	51.9	77.9		





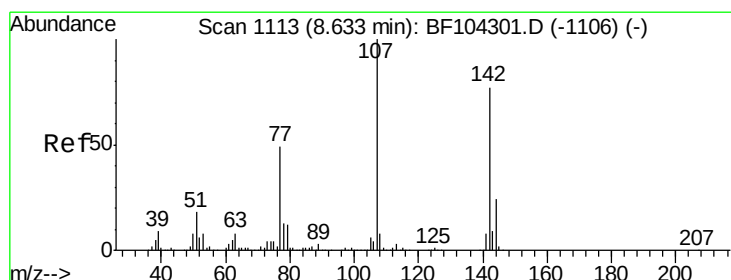
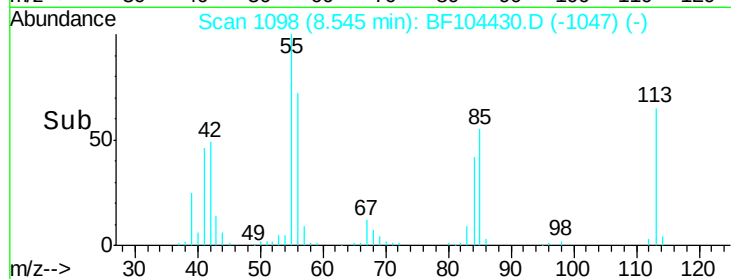
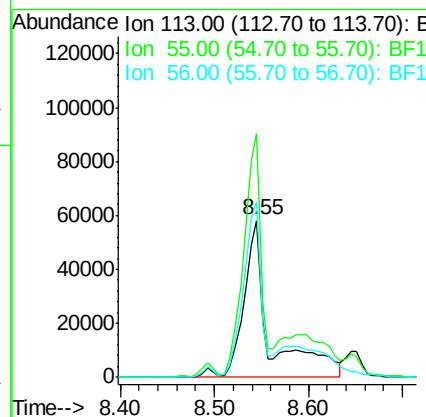
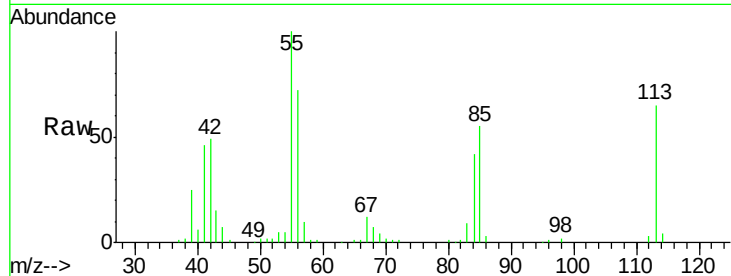
#35
 Caprolactam
 Concen: 40.317 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.0	163.3	203.3#
56	112.2	115.7	155.7#

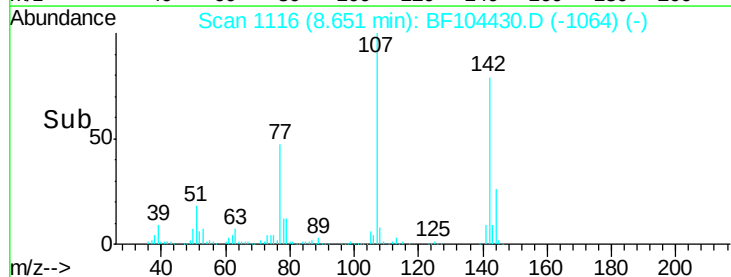
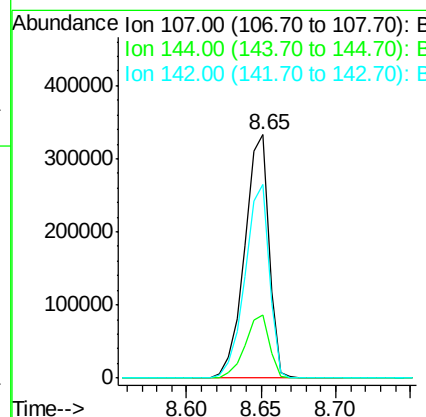
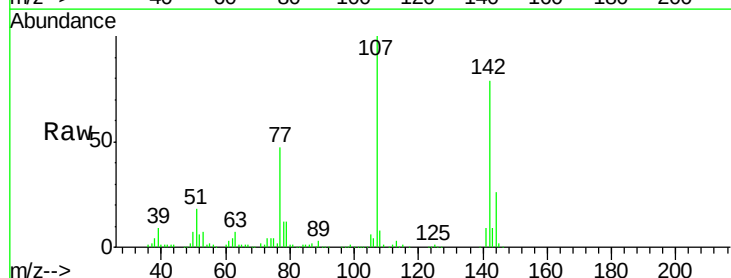
Manual Integrations
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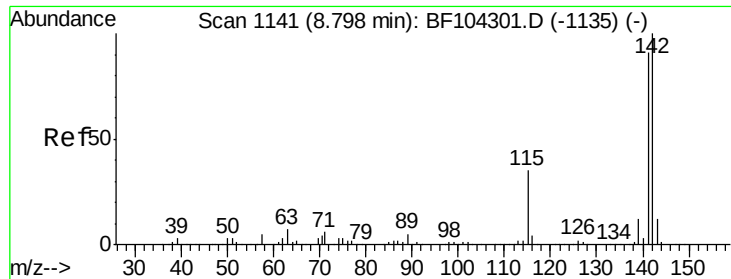
Sohil
 4/12/2018 2:30:25 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.832 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	79.3	62.0	93.0





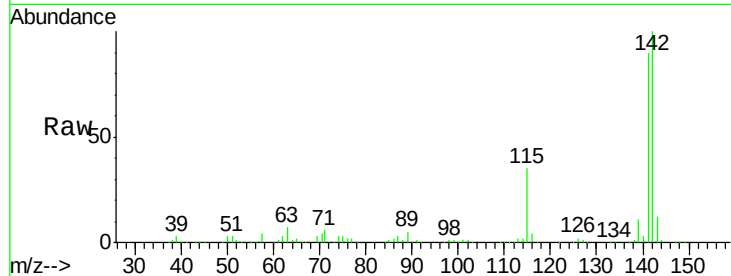
#37
2-Methylnaphthalene
Concen: 38.167 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

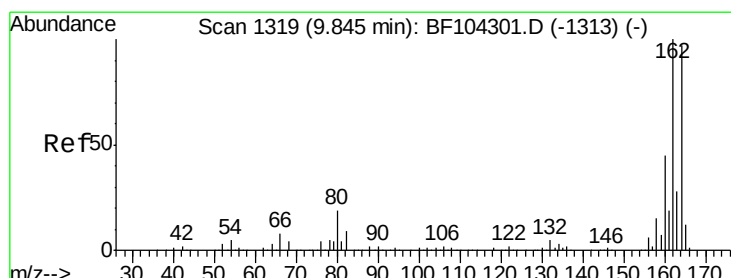
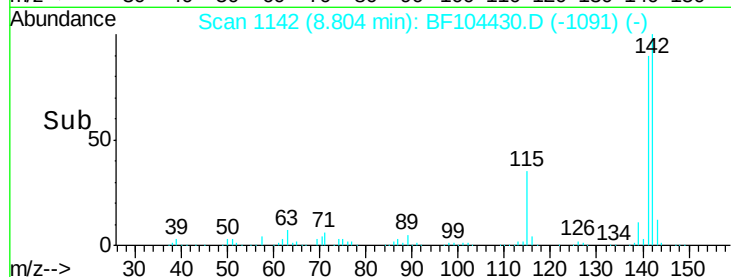
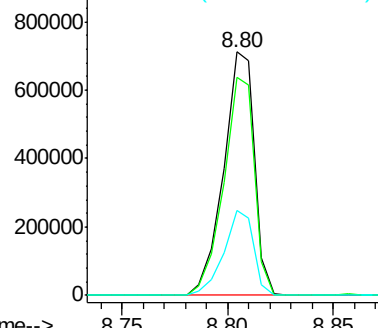
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.8	26.1	39.1

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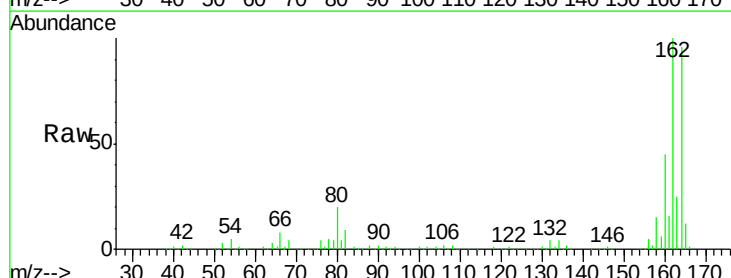


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

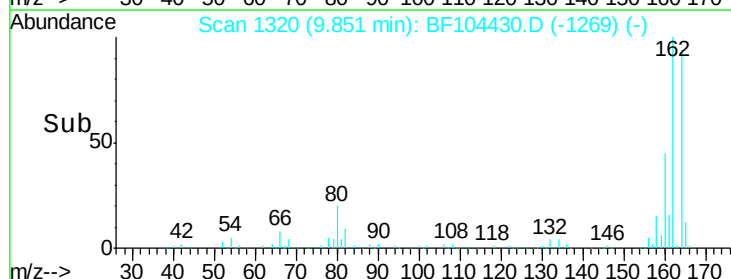
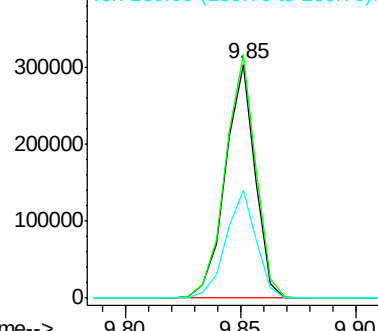


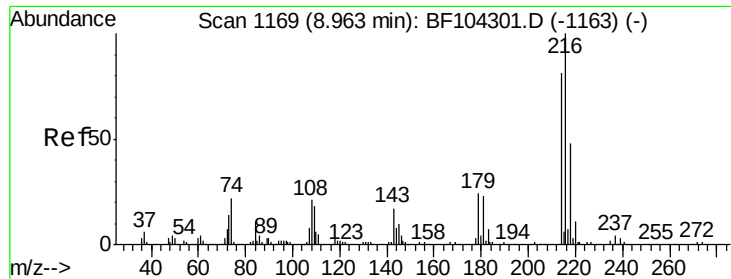
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.5	38.3	57.5



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





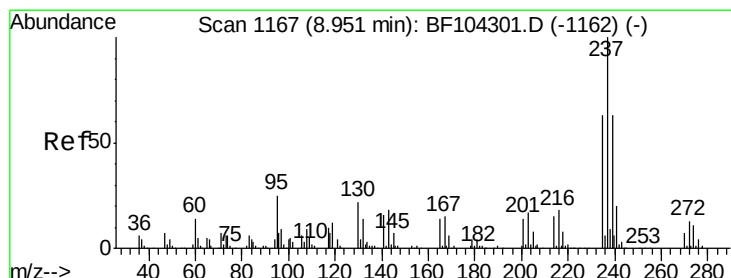
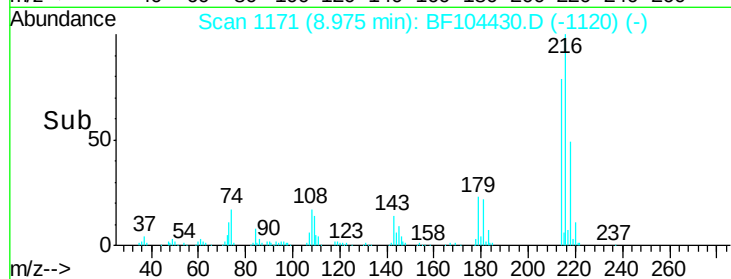
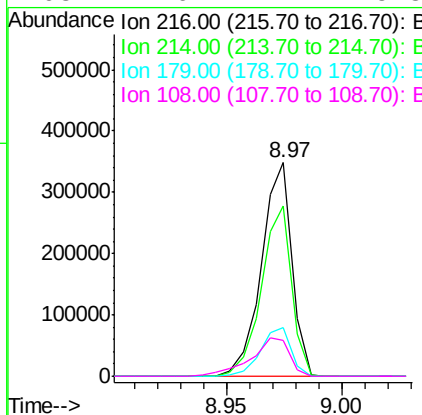
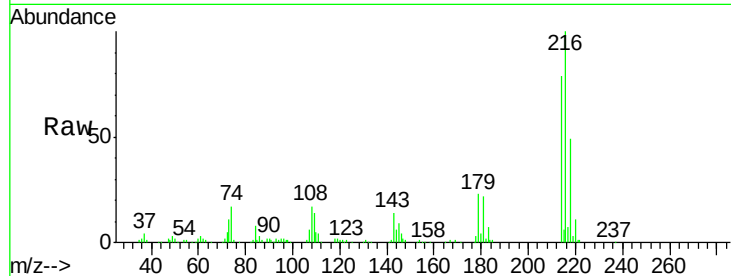
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.981 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		319801		
214	79.0	63.0	94.4		
179	23.0	18.1	27.1		
108	22.6	17.2	25.8		

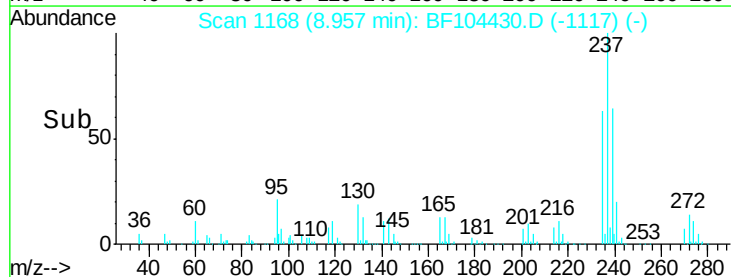
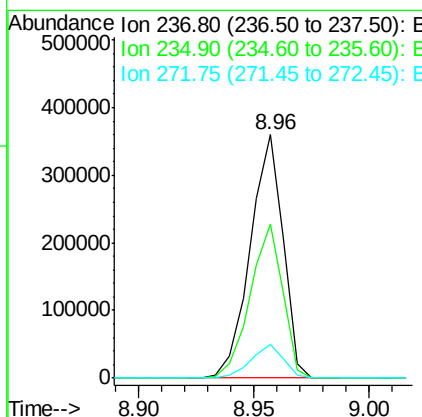
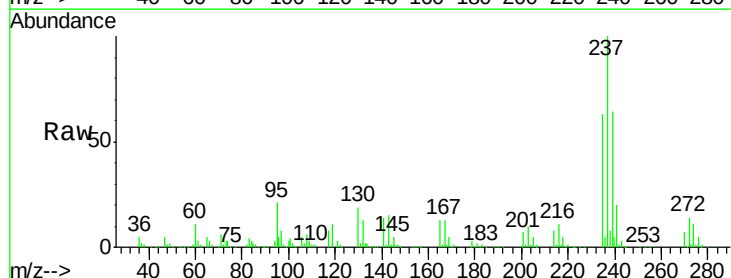
Manual Integrations
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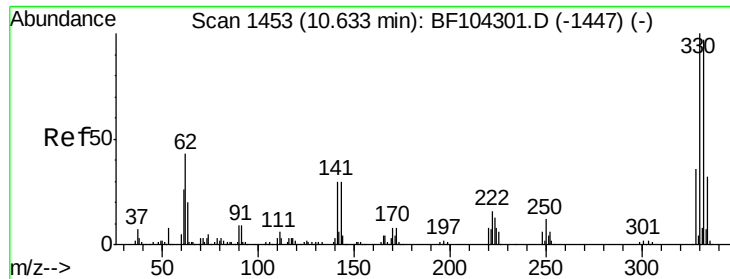
Sohil
 4/12/2018 2:30:25 PM



#40
 Hexachlorocyclopentadiene
 Concen: 81.763 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		357207		
235	63.3	44.8	84.8		
272	13.9	0.0	33.3		





#41

2,4,6-Tribromophenol

Concen: 115.069 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

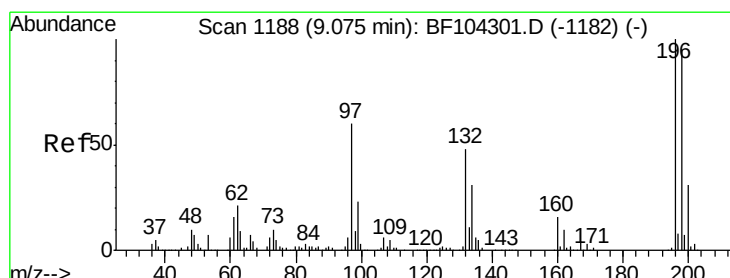
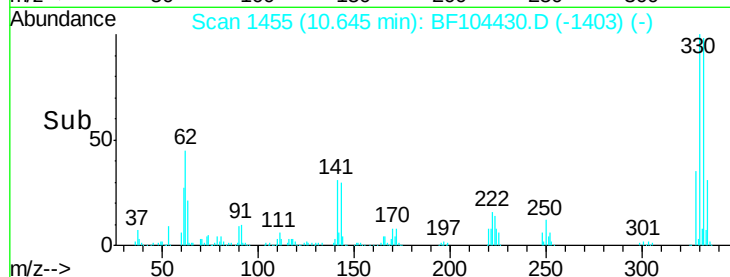
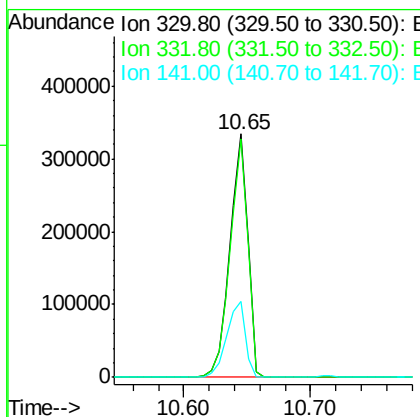
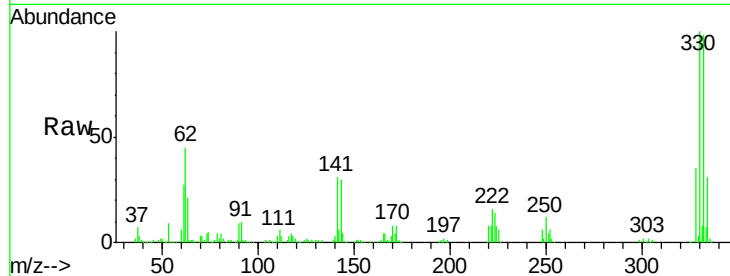
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	330	Resp:	325401
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	32.7	29.9	44.9

Manual Integrations
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Sohil
4/12/2018 2:30:25 PM



#42

2,4,6-Trichlorophenol

Concen: 45.373 ng

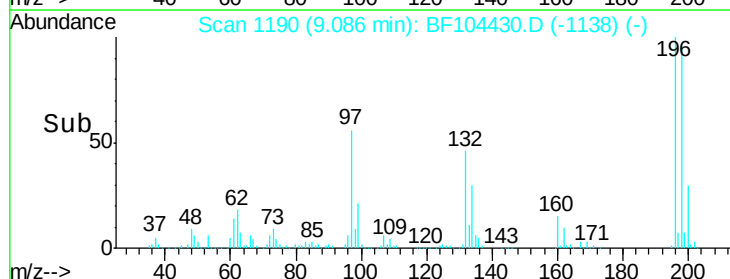
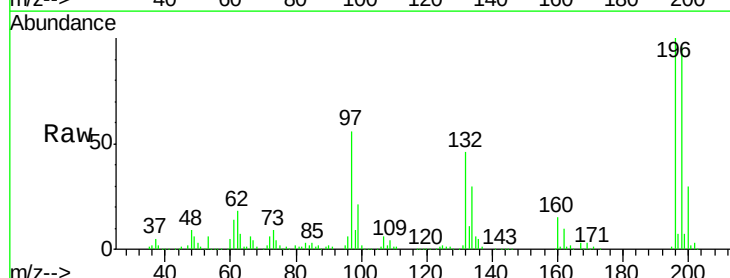
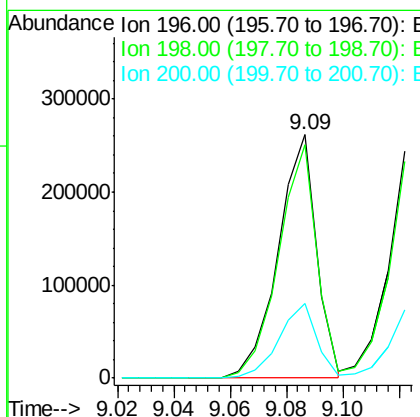
RT: 9.09 min Scan# 1190

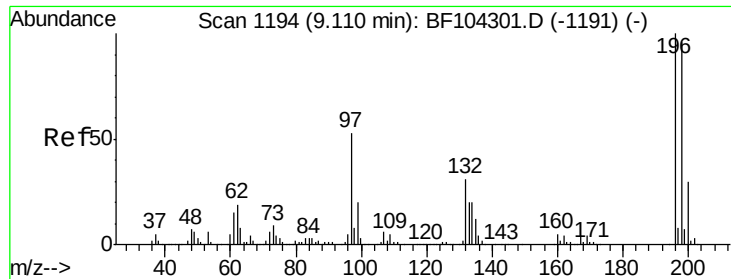
Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	196	Resp:	245797
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	30.4	24.5	36.7





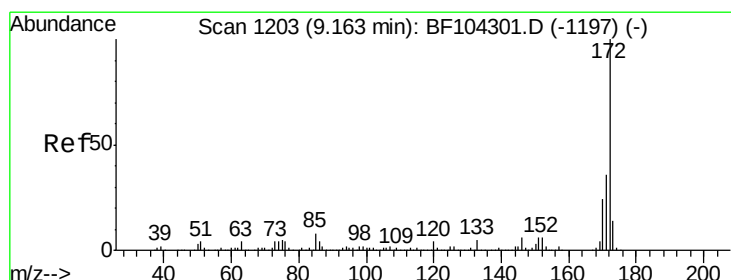
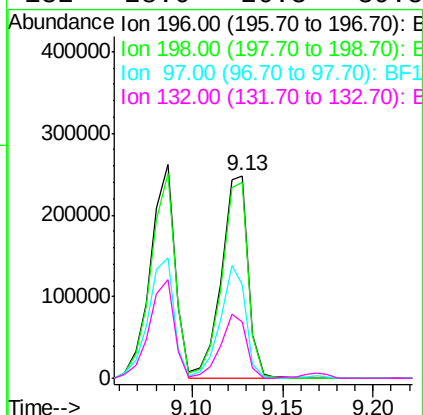
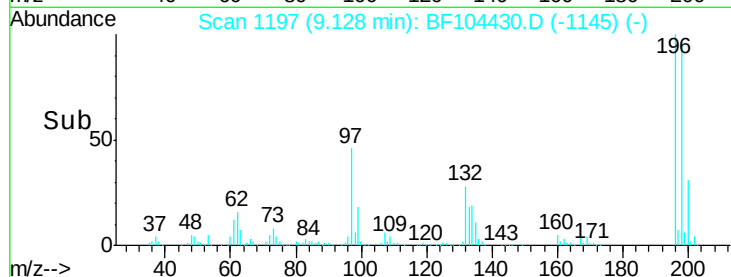
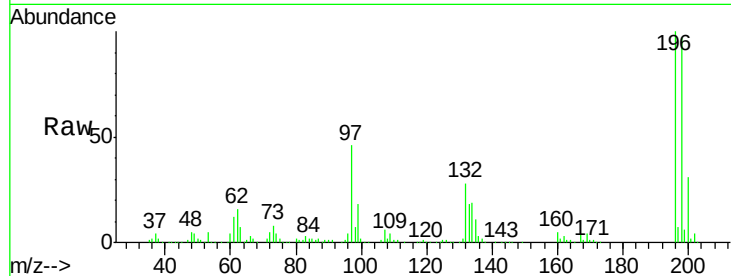
#43
 2,4,5-Trichlorophenol
 Concen: 42.073 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		255052		
198	96.8	74.6	112.0		
97	46.4	42.9	64.3		
132	28.0	26.3	39.5		

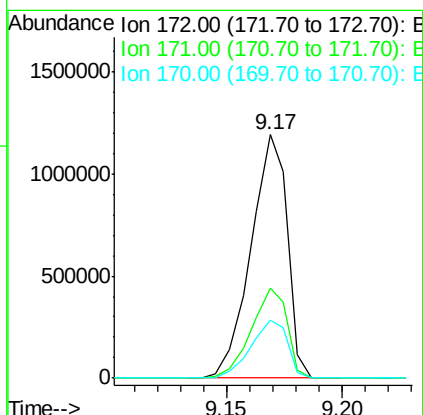
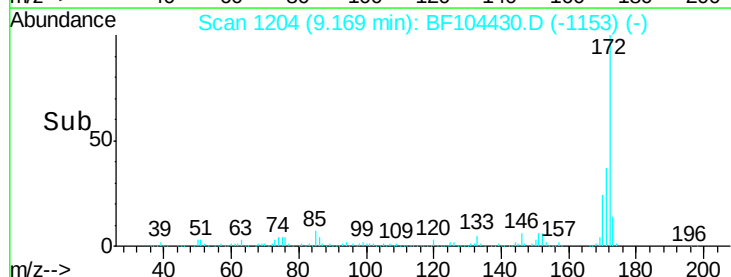
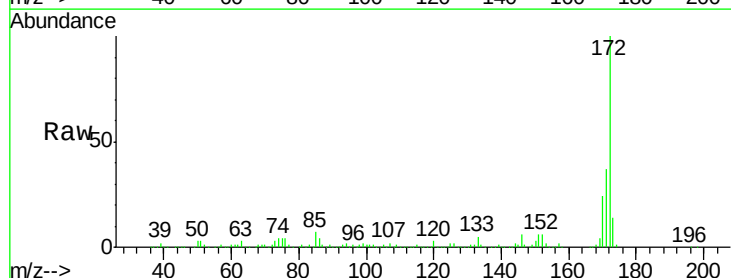
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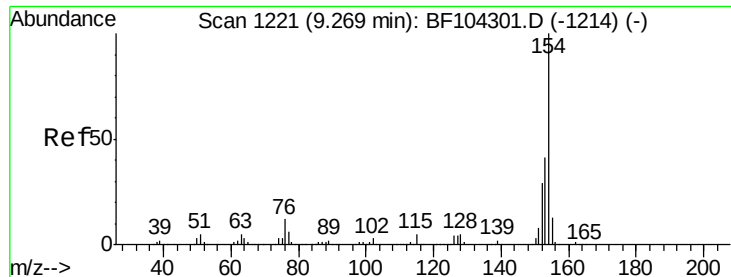
Sohil
 4/12/2018 2:30:25 PM



#44
 2-Fluorobiphenyl
 Concen: 75.816 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1308328		
171	36.9	29.7	44.5		
170	24.0	19.6	29.4		





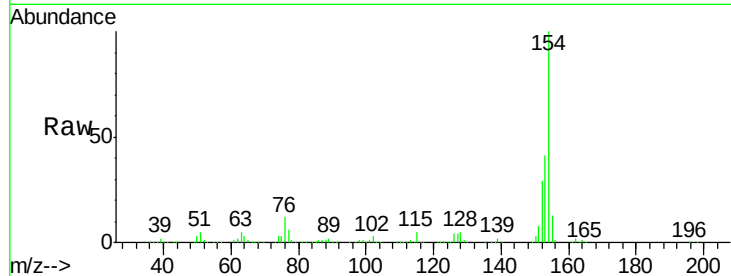
#45
 1,1'-Biphenyl
 Concen: 40.352 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampled :
 EPE-L-6(0-5)MSD

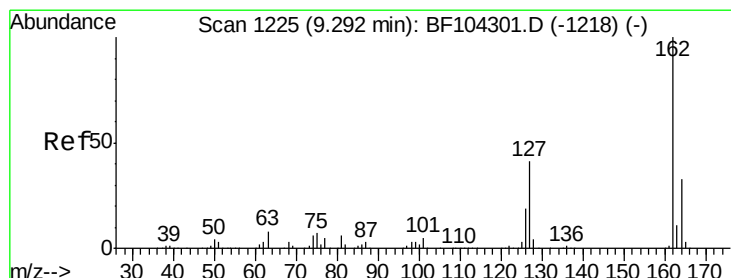
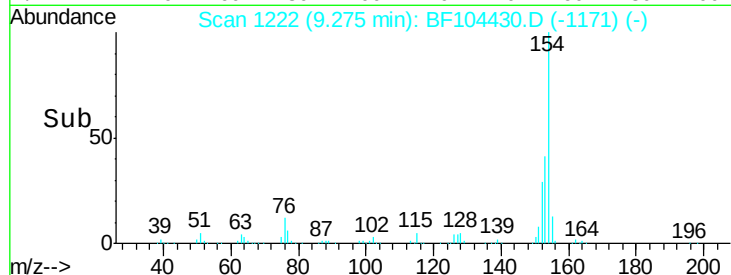
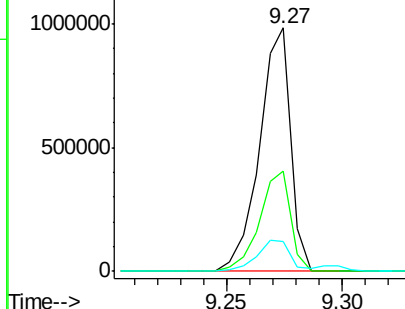
Tot Ion:	154	Resp:	924113
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	12.3	0.0	34.0

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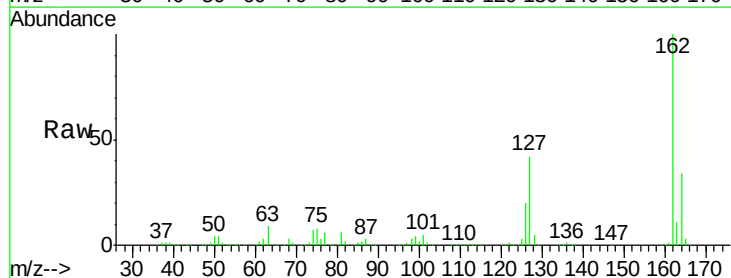


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

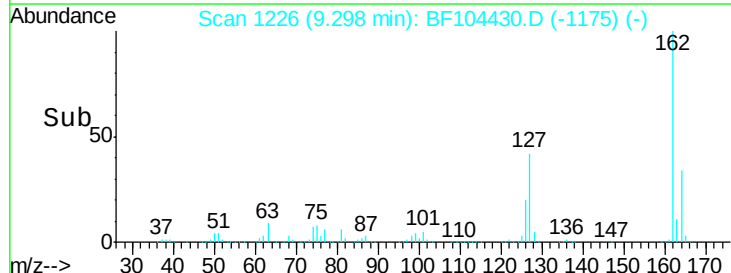
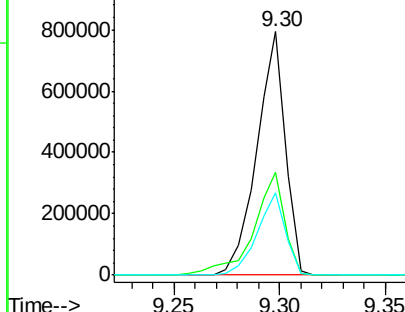


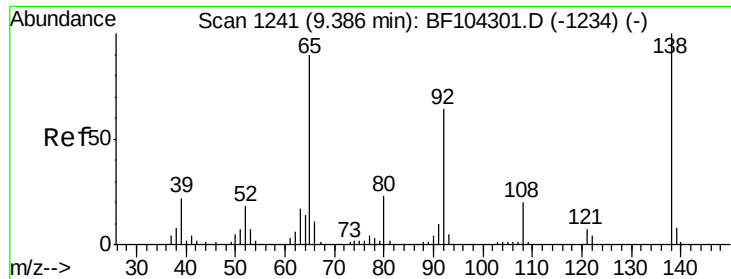
#46
 2-Chloronaphthalene
 Concen: 41.135 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion:	162	Resp:	744103
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.9	50.9
164	33.8	26.5	39.7



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





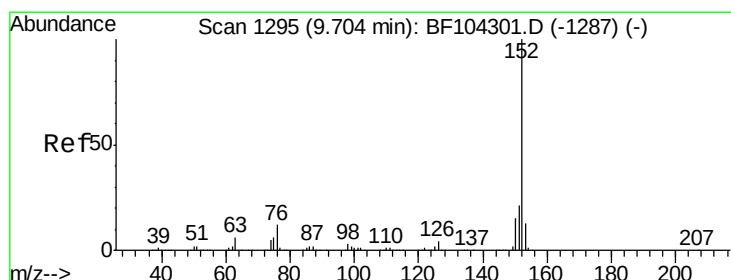
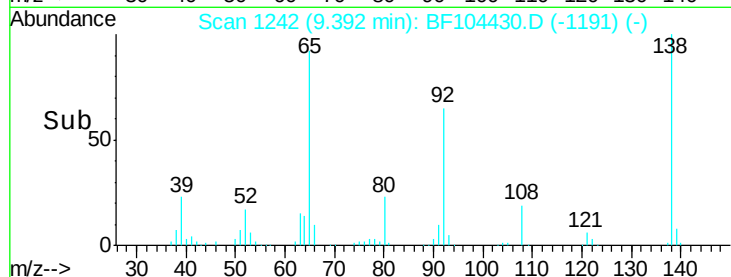
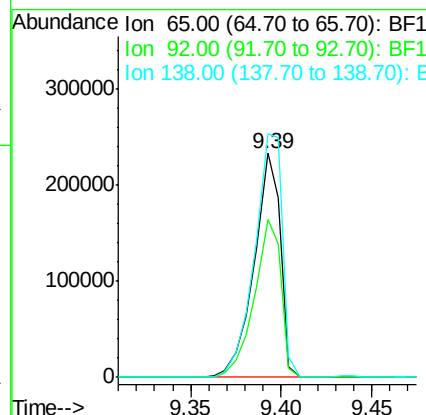
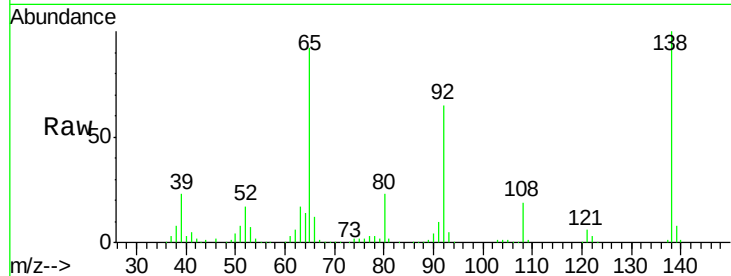
#47
2-Nitroaniline
Concen: 52.429 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.8	83.6
138	108.6	91.2	136.8

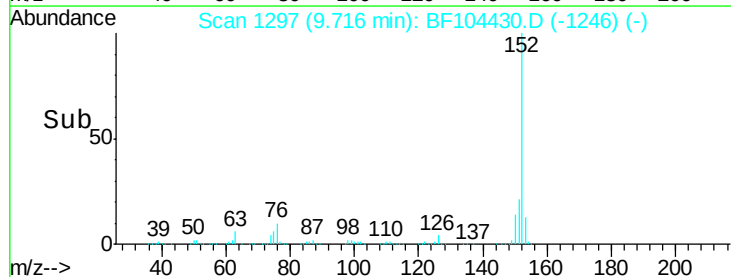
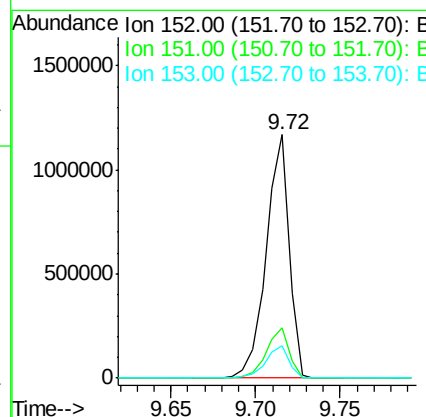
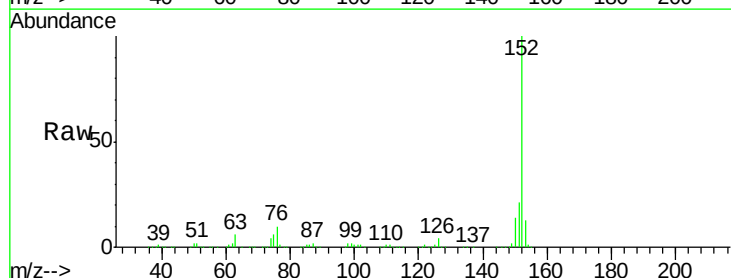
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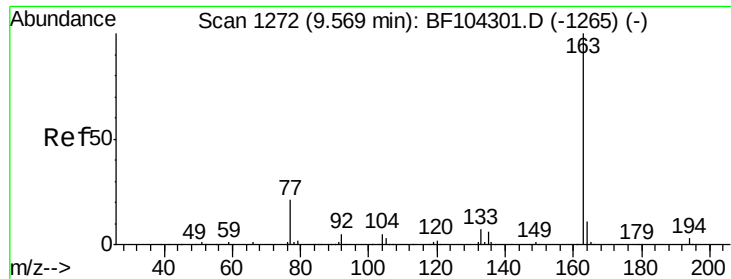
Sohil
4/12/2018 2:30:25 PM



#48
Acenaphthylene
Concen: 38.771 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1





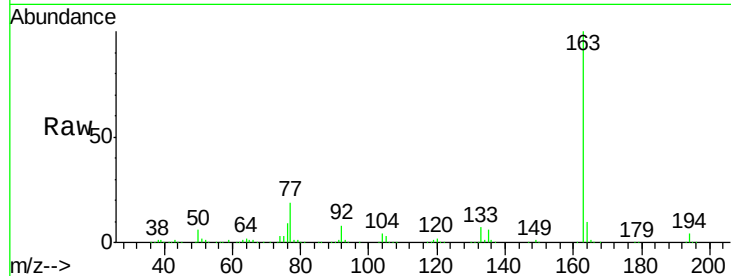
#49
Dimethylphthalate
Concen: 46.262 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

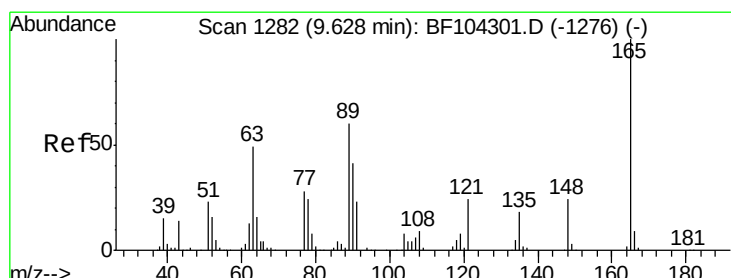
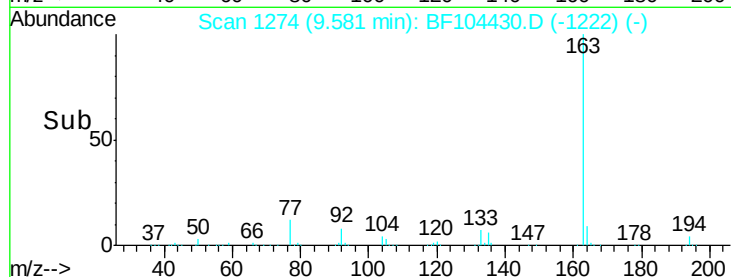
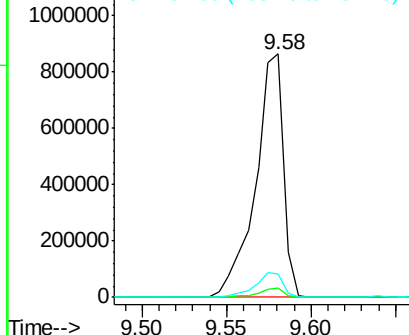
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.6		2.7	4.1	
164	9.7		8.2	12.2	

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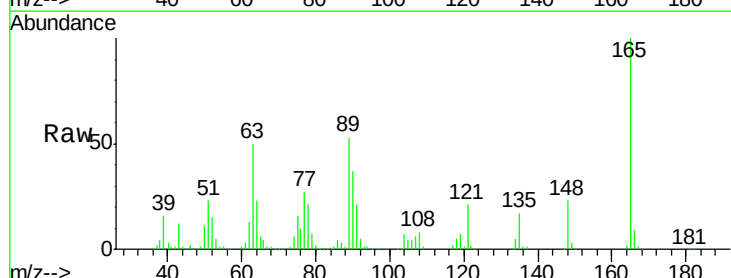


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

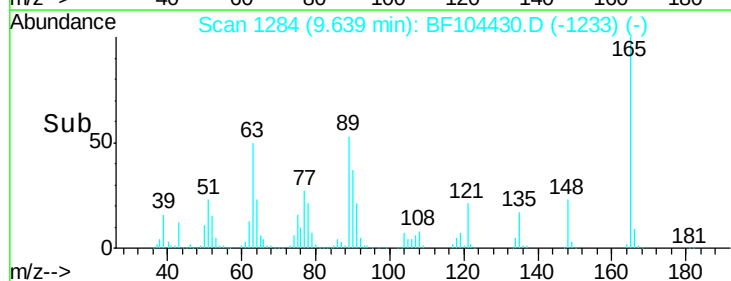
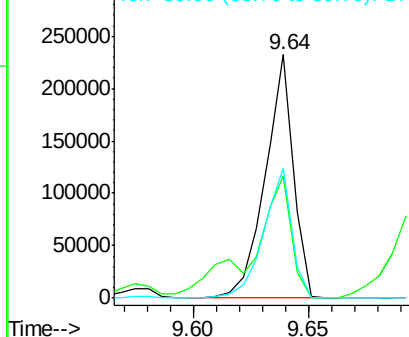


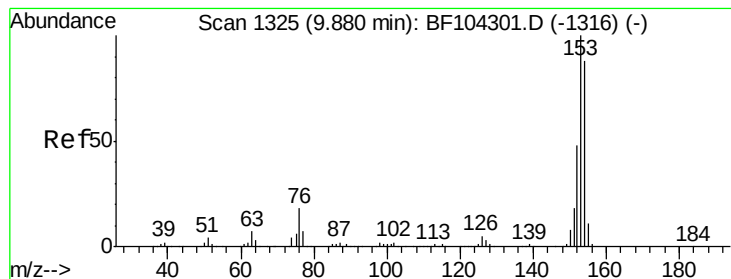
#50
2,6-Dinitrotoluene
Concen: 49.449 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	49.9		44.7	67.1	
89	53.5		44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.976 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

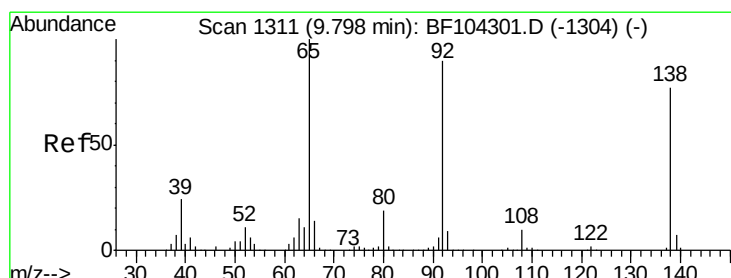
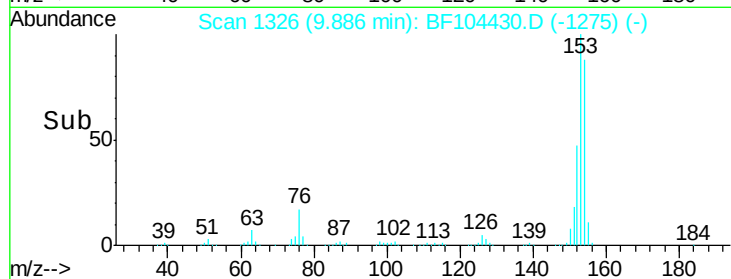
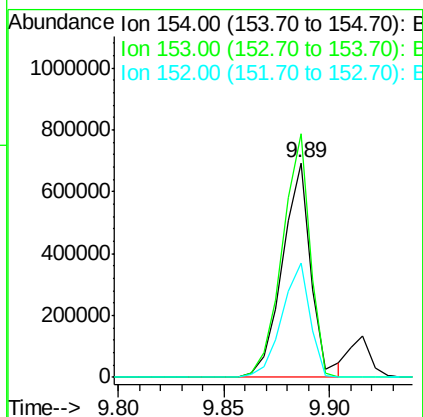
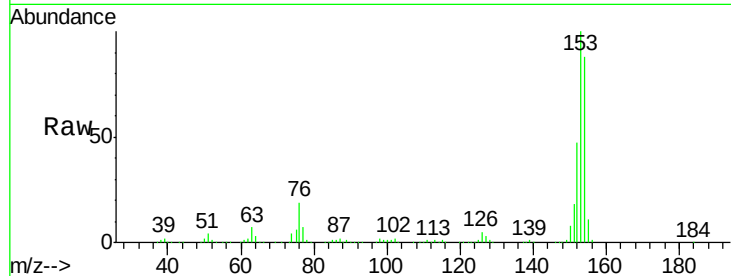
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	154	Resp:	657617
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	53.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 17.464 ng

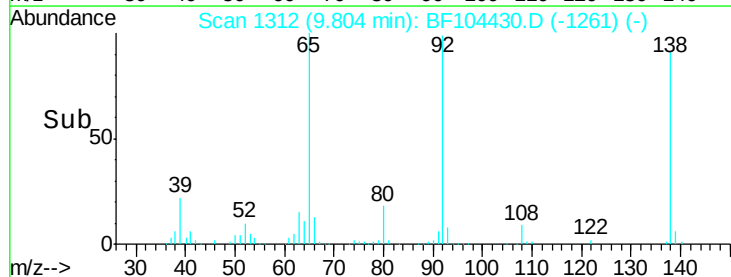
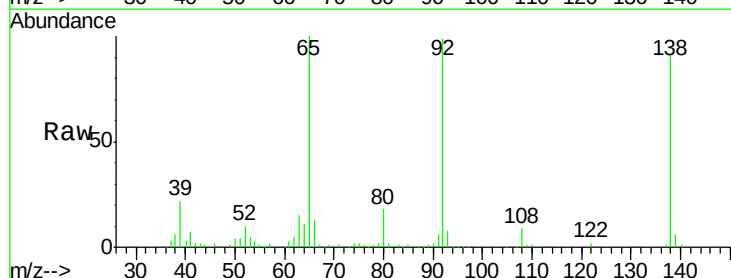
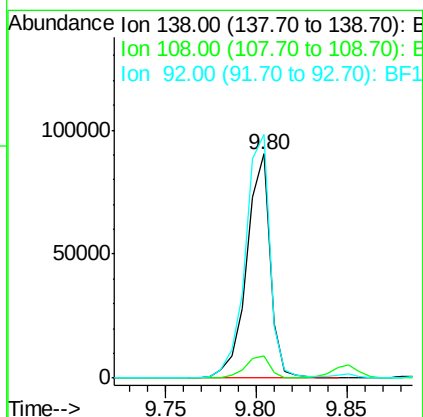
RT: 9.80 min Scan# 1312

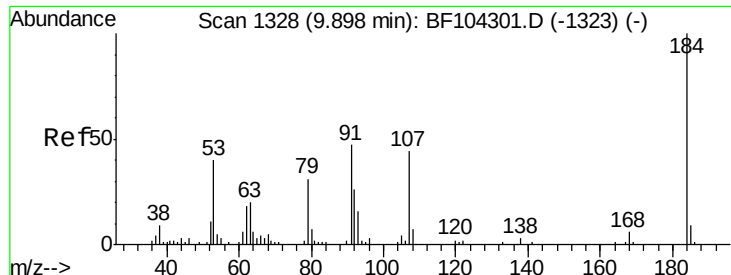
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	138	Resp:	81328
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.0
92	108.7	89.4	134.2





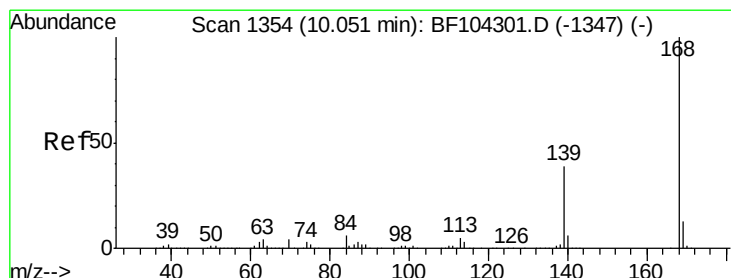
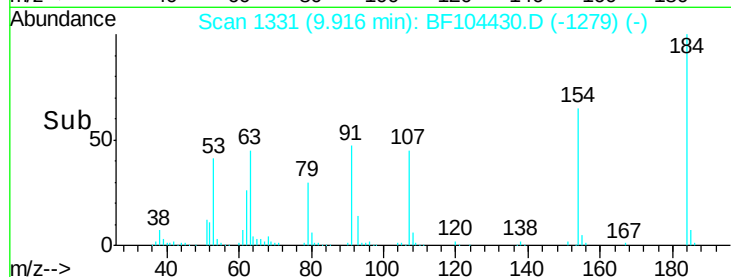
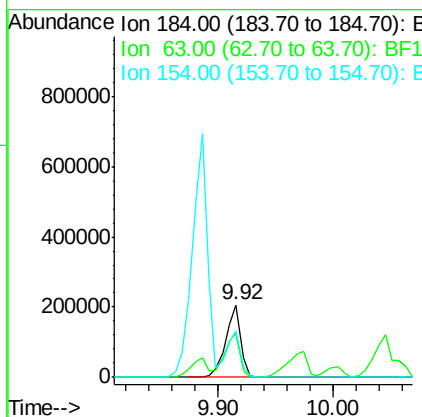
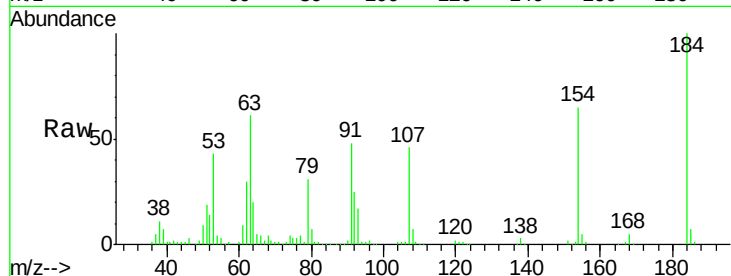
#53
 2,4-Dinitrophenol
 Concen: 100.536 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	185637		
63	60.8	54.2	81.2	
154	65.0	184.0	276.0	

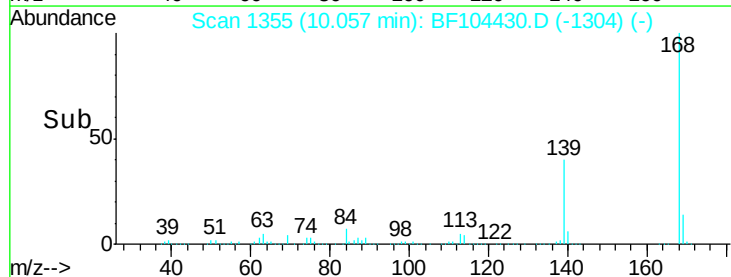
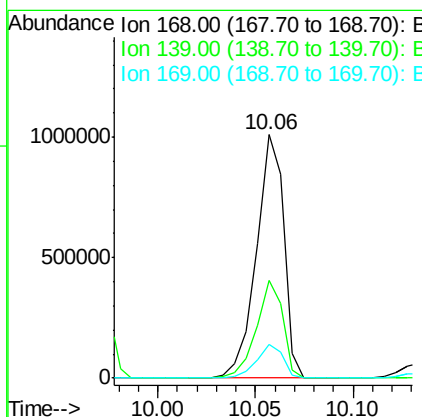
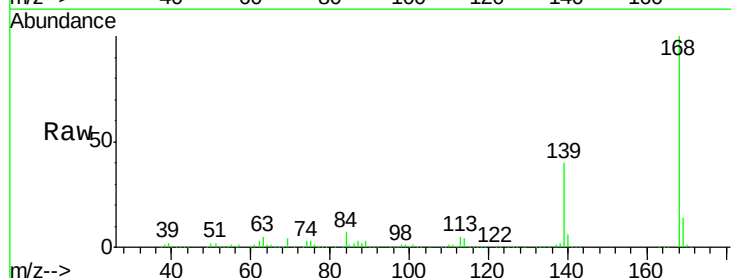
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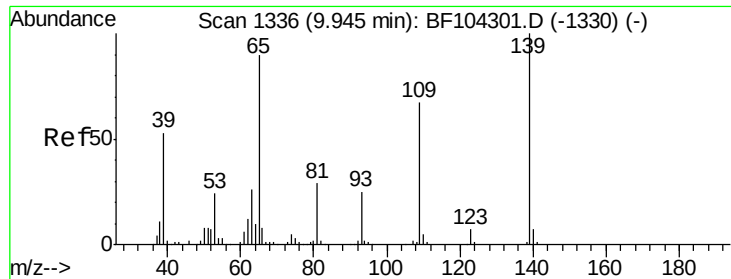
Sohil
 4/12/2018 2:30:25 PM



#54
 Dibenzofuran
 Concen: 40.799 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	984572		
139	40.0	30.1	45.1	
169	13.9	10.9	16.3	





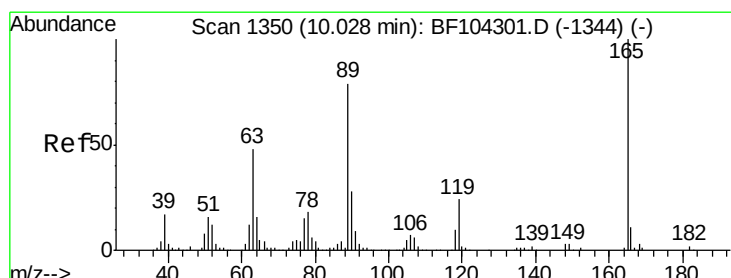
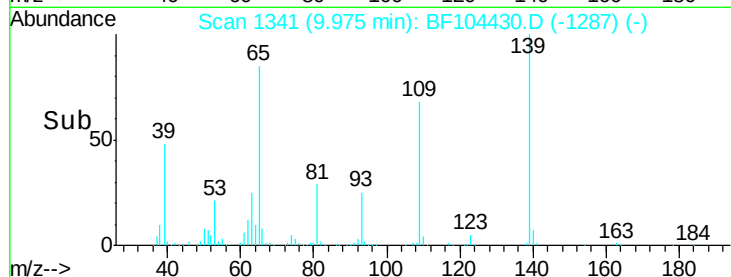
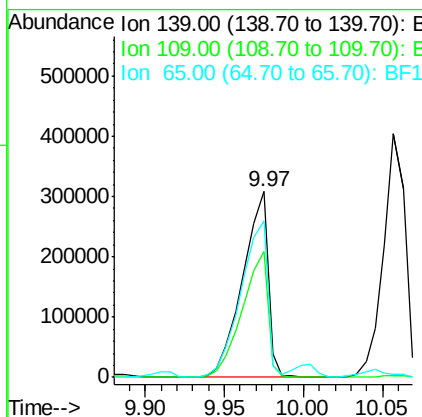
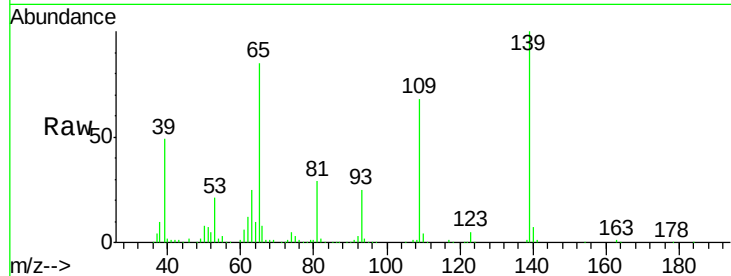
#55
4-Nitrophenol
Concen: 93.944 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.6	48.4	88.4
65	84.7	72.6	112.6

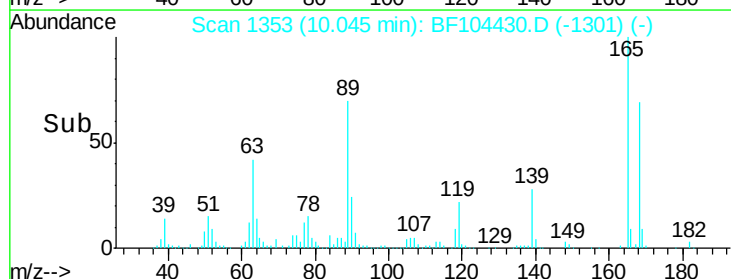
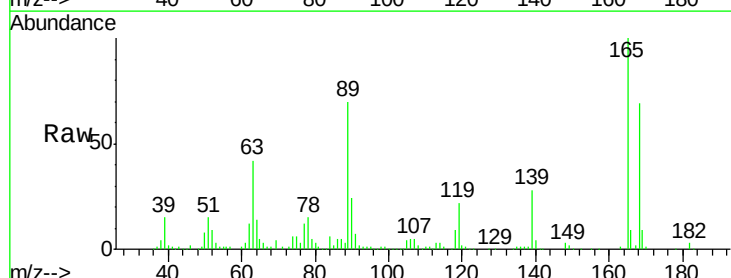
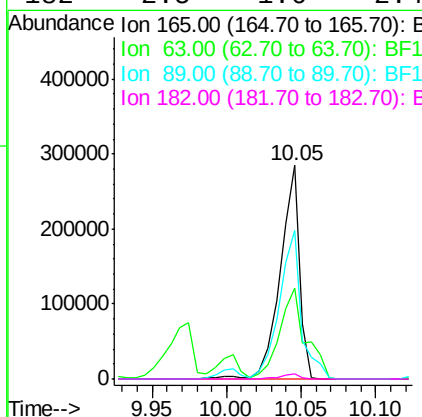
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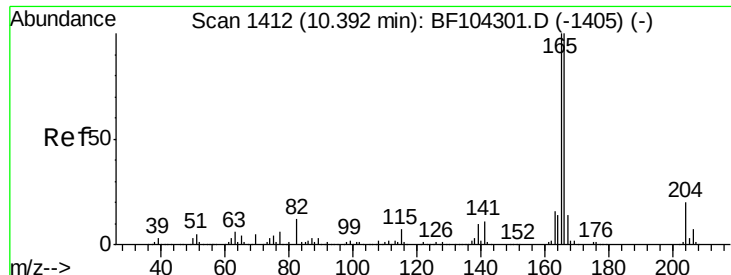
Sohil
4/12/2018 2:30:25 PM



#56
2,4-Dinitrotoluene
Concen: 49.722 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.4	36.4	54.6
89	69.6	57.8	86.6
182	2.5	1.6	2.4#





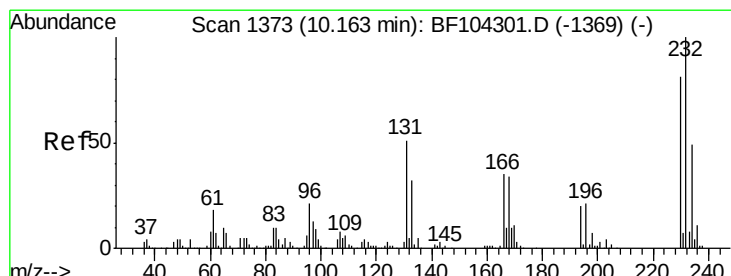
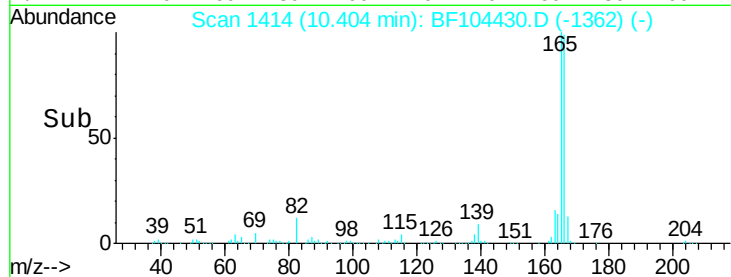
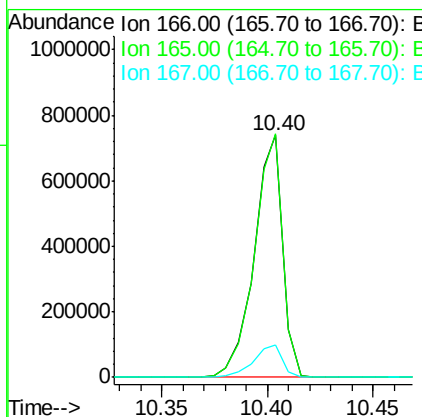
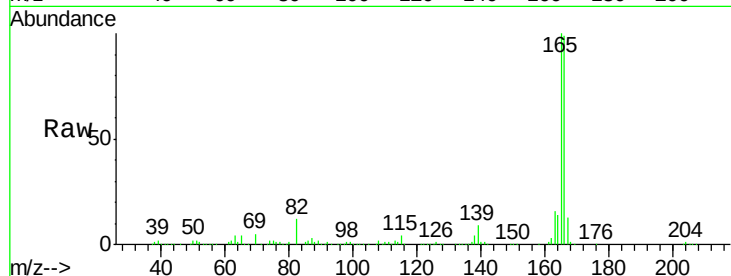
#57
 Fluorene
 Concen: 39.356 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	691289		
165	100.6	79.8	119.8	
167	13.5	10.6	16.0	

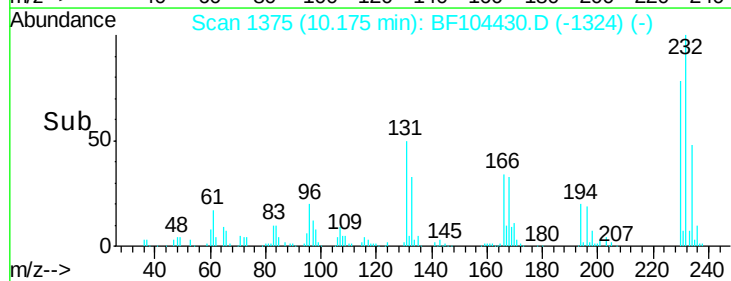
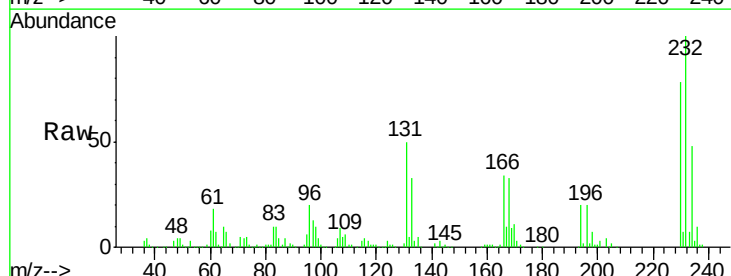
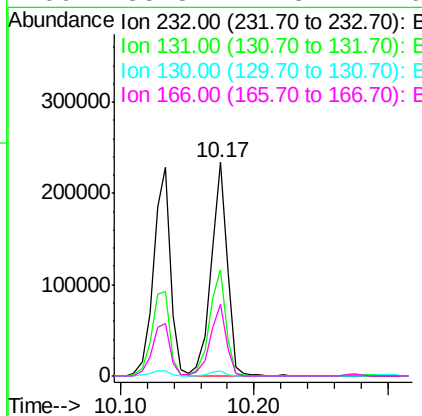
Manual Integrations
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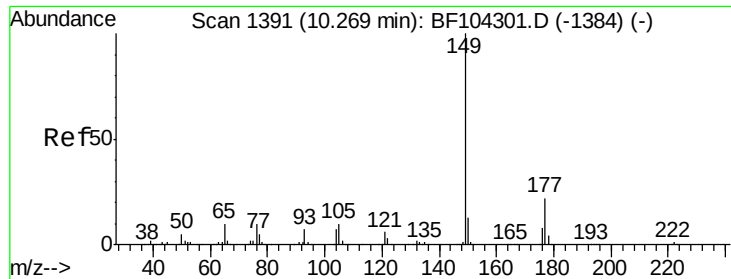
Sohil
 4/12/2018 2:30:25 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.788 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	198034		
131	49.9	43.8	65.8	
130	2.4	2.1	3.1	
166	33.3	27.8	41.6	





#59

Diethylphthalate

Concen: 39.300 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

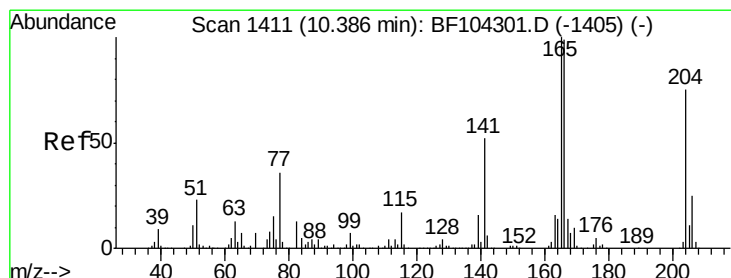
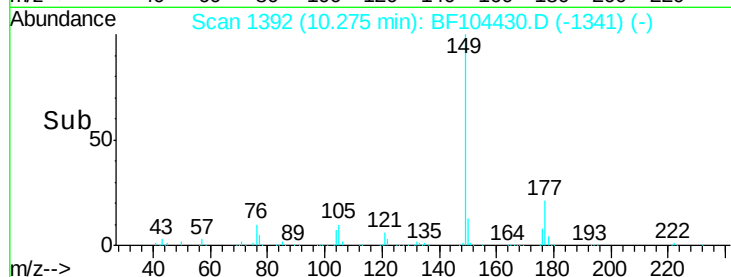
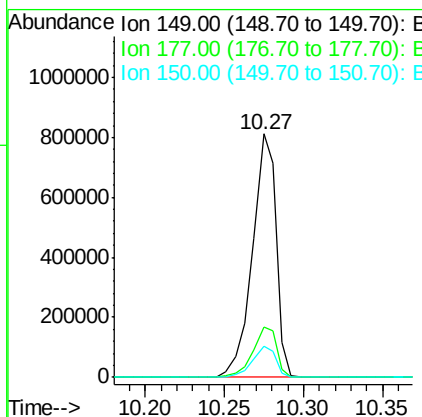
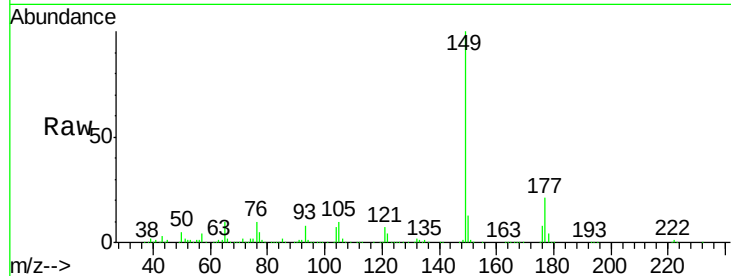
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	149	Resp:	841409
Ion Ratio	Lower	Upper	
149	100		
177	20.9	16.1	24.1
150	12.8	10.1	15.1

Manual Integrations
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Sohil
4/12/2018 2:30:25 PM



#60

4-Chlorophenyl-phenylether

Concen: 43.890 ng

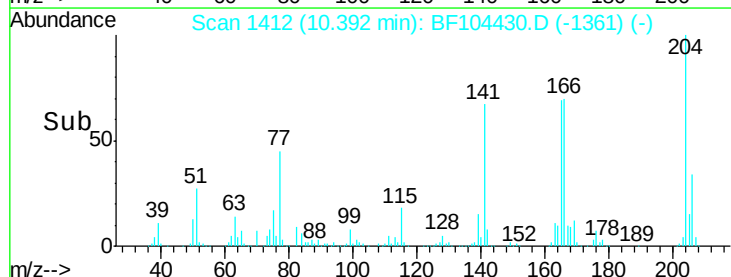
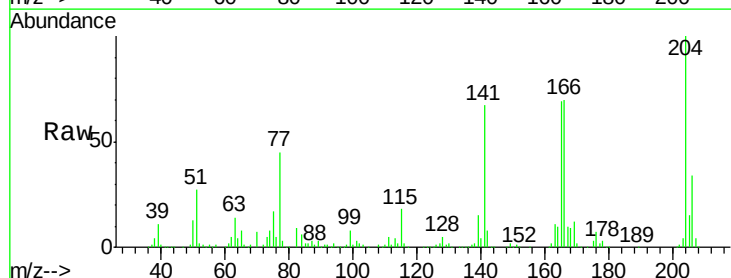
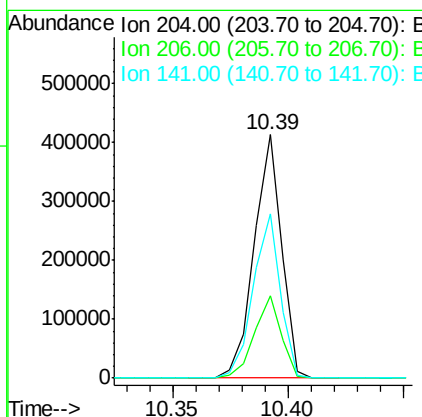
RT: 10.39 min Scan# 1412

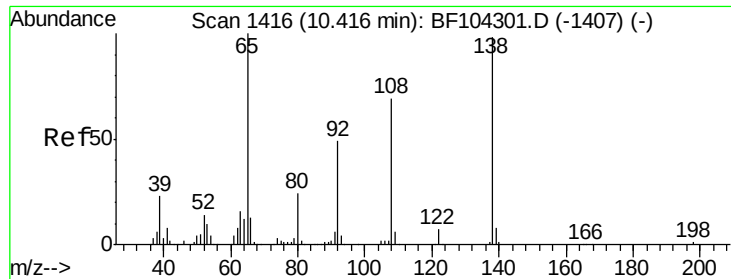
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	204	Resp:	343338
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.5	39.7
141	67.5	54.6	81.8





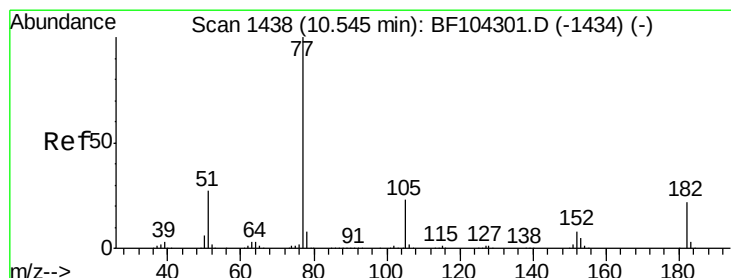
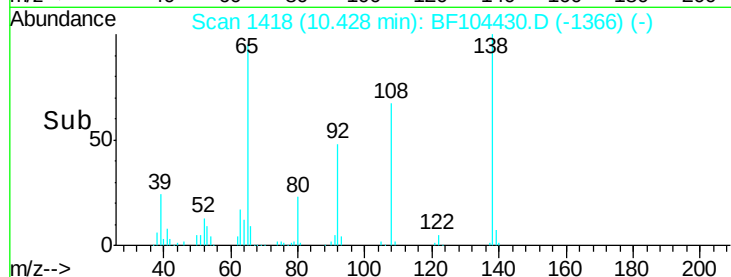
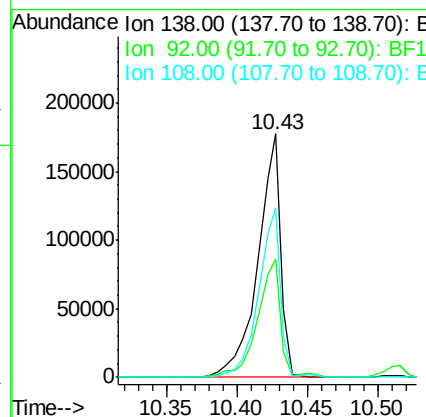
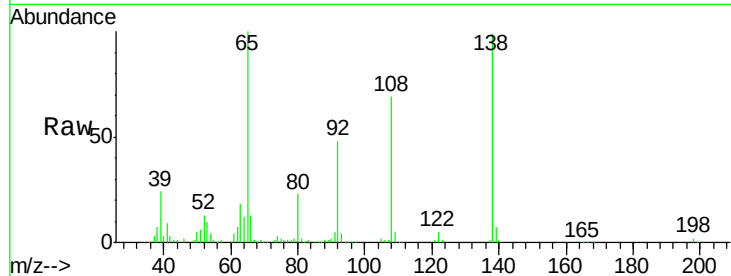
#61
4-Nitroaniline
Concen: 44.220 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	69.6	52.5	92.5

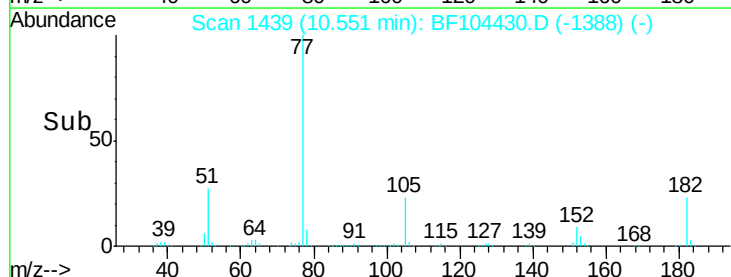
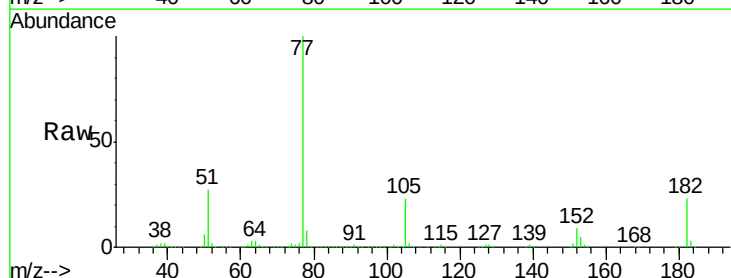
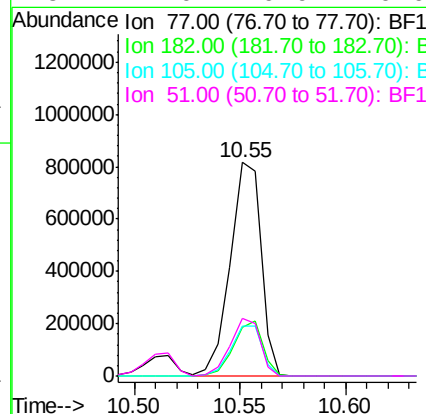
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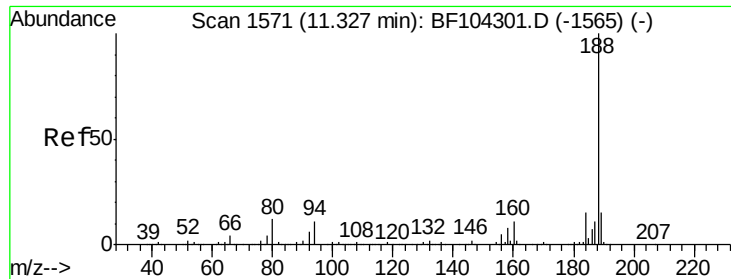
Sohil
4/12/2018 2:30:25 PM



#62
Azobenzene
Concen: 40.100 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	23.2	3.0	43.0
51	27.0	9.9	49.9





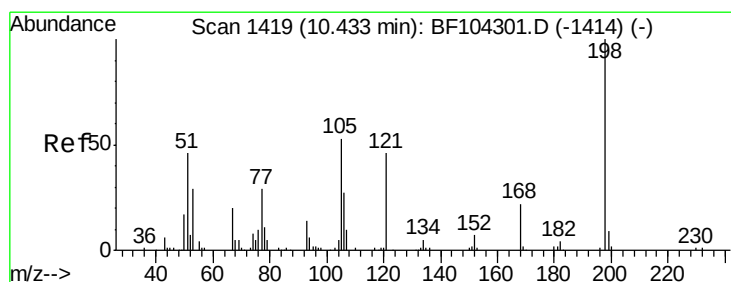
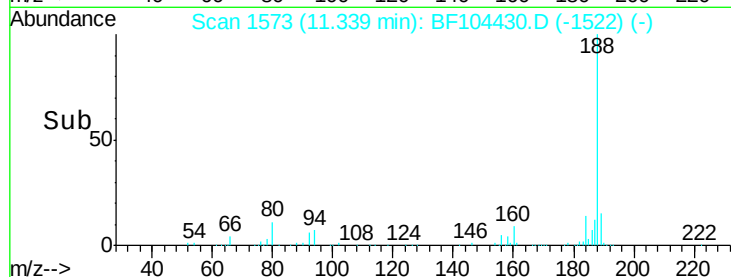
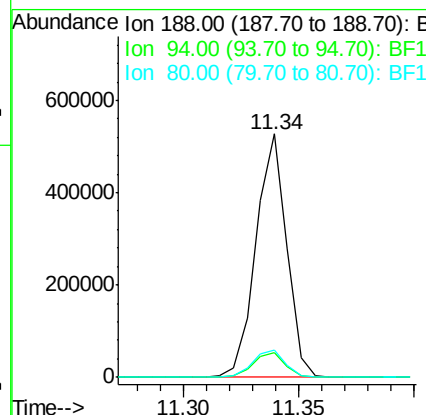
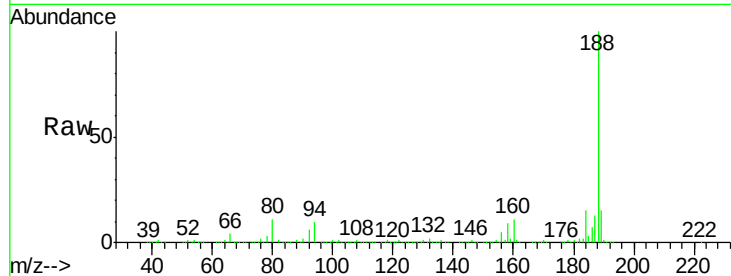
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	488764		
94	10.3		8.5	12.7
80	11.2		9.2	13.8

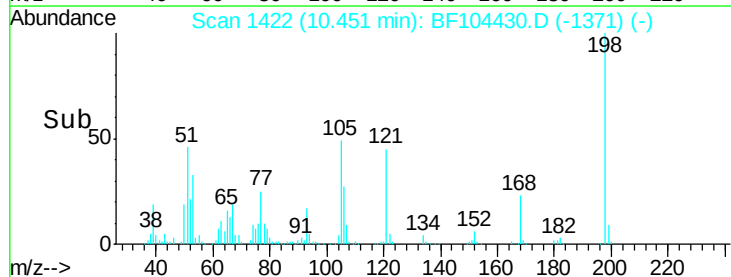
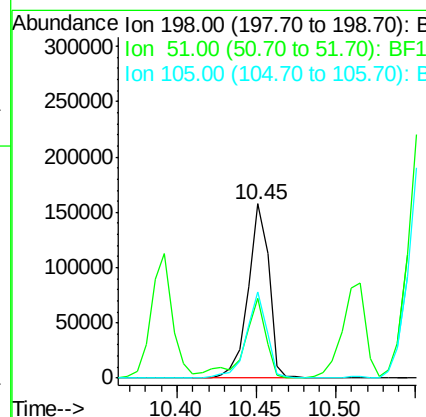
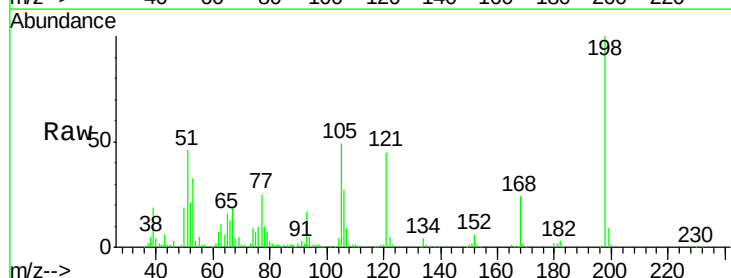
Manual Integrations
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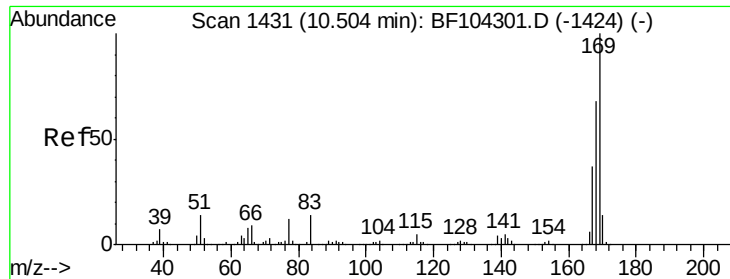
Sohil
 4/12/2018 2:30:25 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 58.253 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	143075		
51	45.6		37.7	77.7
105	49.2		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 41.613 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

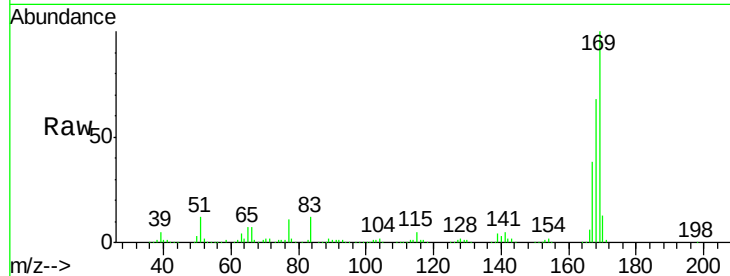
ClientSampleId :

EPE-L-6(0-5)MSD

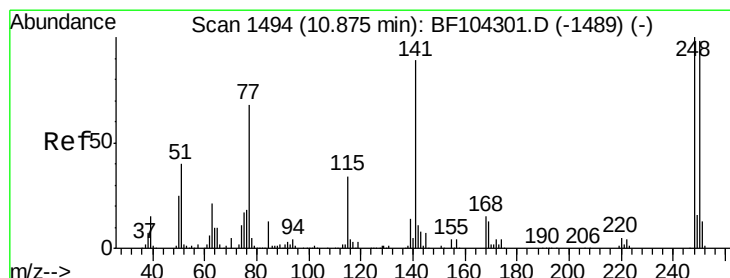
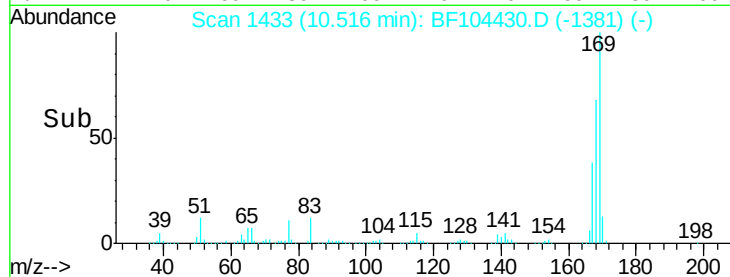
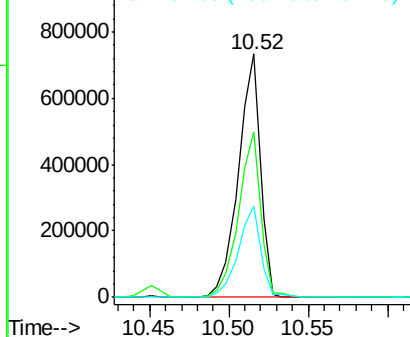
Tot Ion:	169	Resp:	705199
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.4	81.6
167	37.6	29.8	44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.821 ng

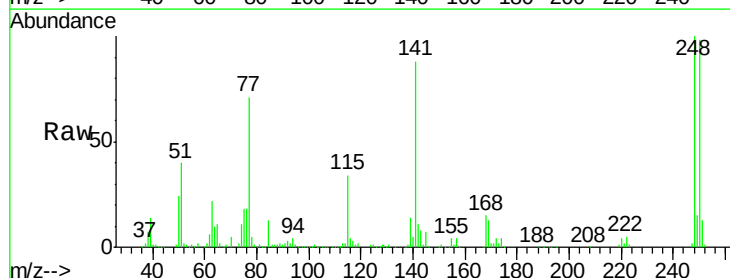
RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

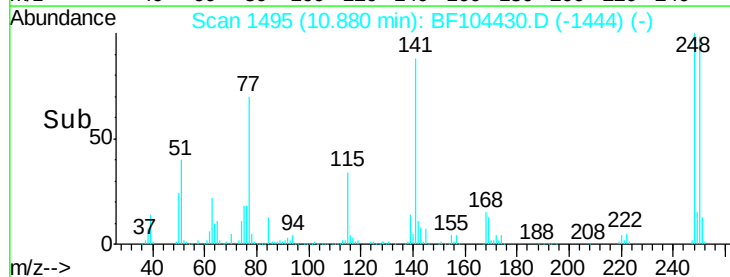
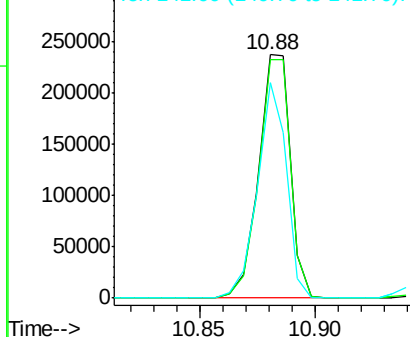
Lab File: BF104430.D

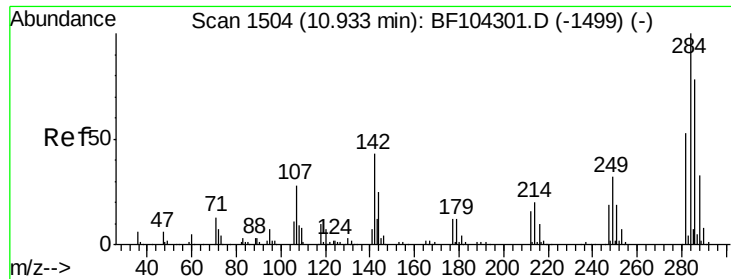
Acq: 11 Apr 2018 11:18

Tgt Ion:	248	Resp:	227822
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.9	115.3
141	88.3	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





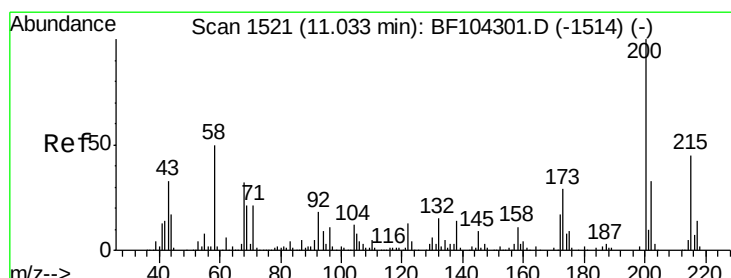
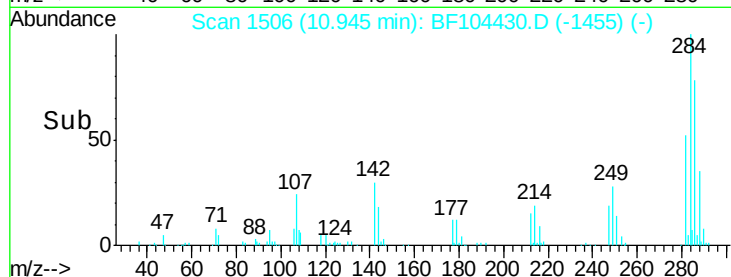
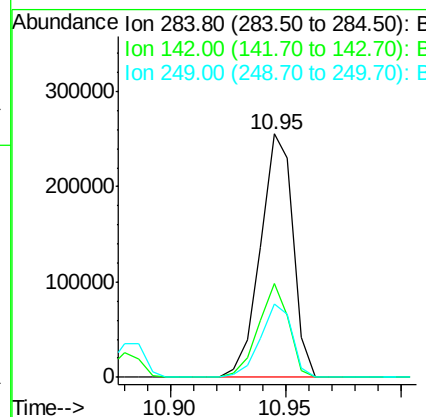
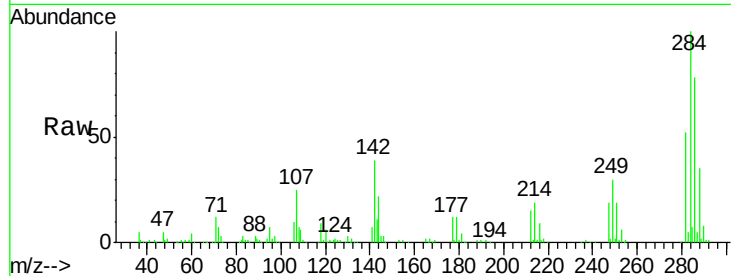
#67
Hexachlorobenzene
Concen: 42.987 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.8	34.6	52.0
249	30.1	24.8	37.2

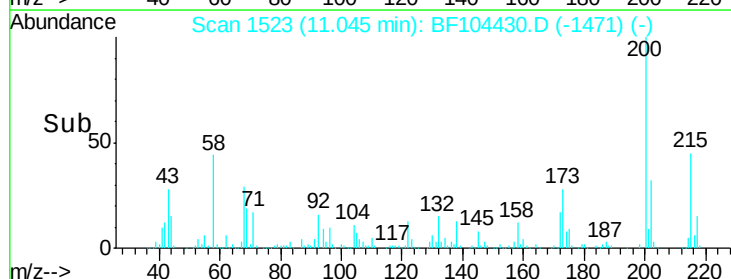
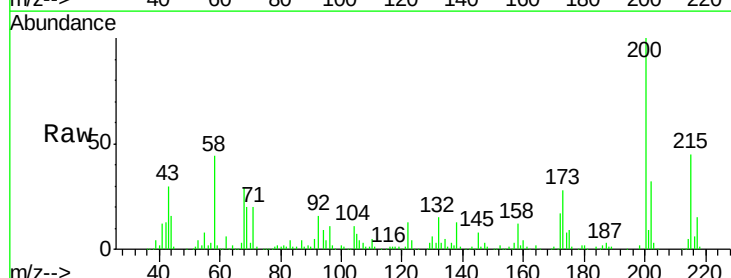
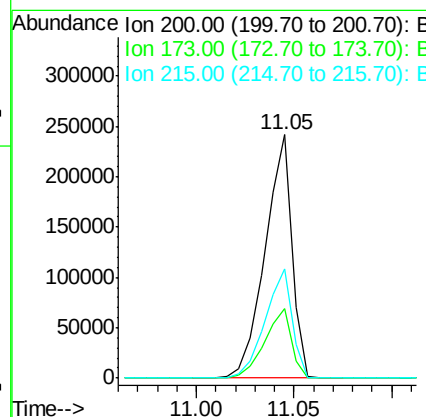
Manual Integrations
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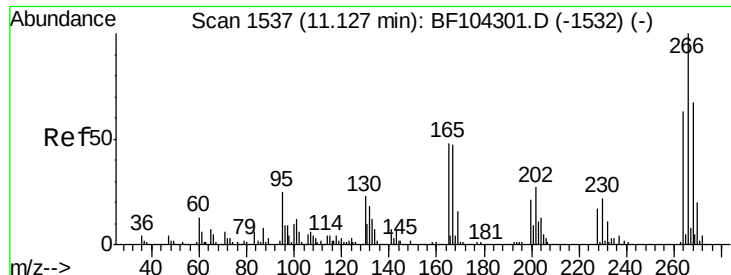
Sohil
4/12/2018 2:30:25 PM



#68
Atrazine
Concen: 44.987 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.6	48.6
215	44.7	25.1	65.1





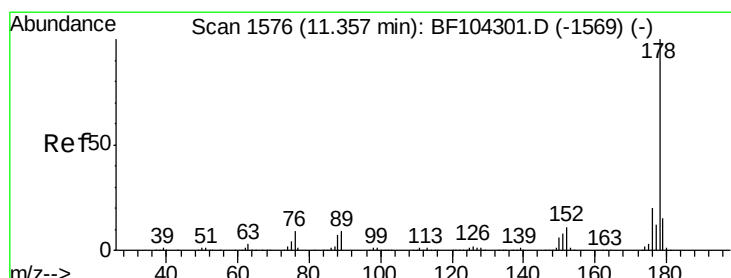
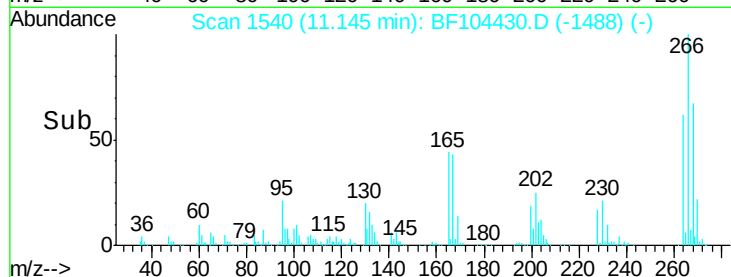
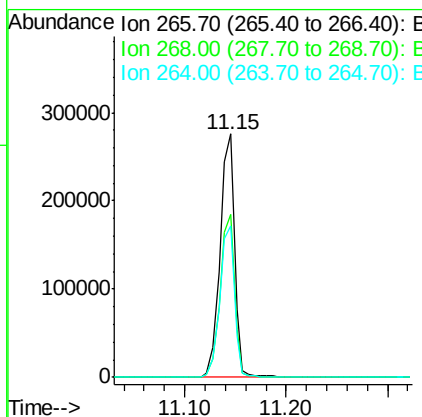
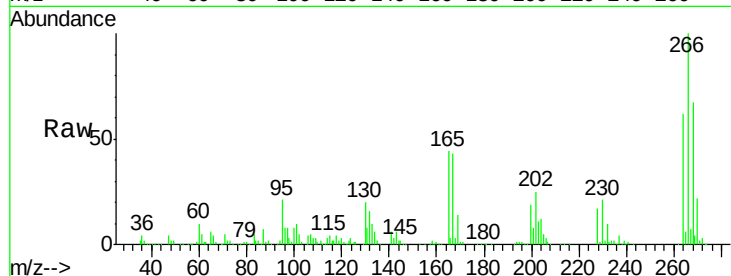
#69
 Pentachlorophenol
 Concen: 76.082 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.1	76.7
264	62.2	49.5	74.3

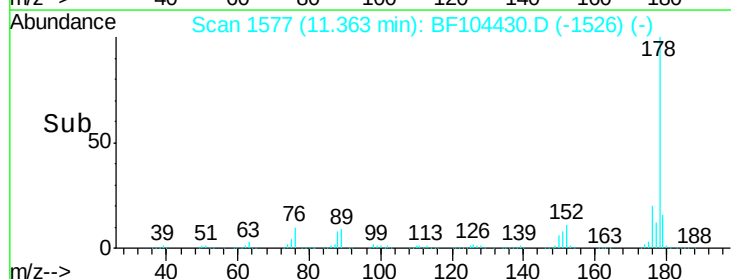
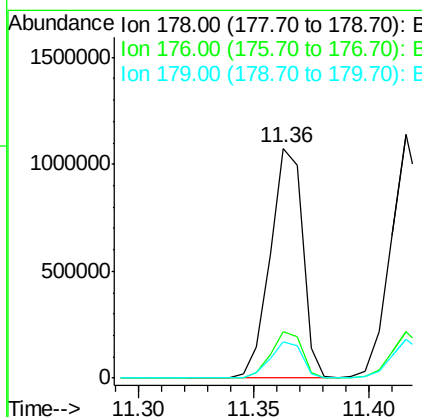
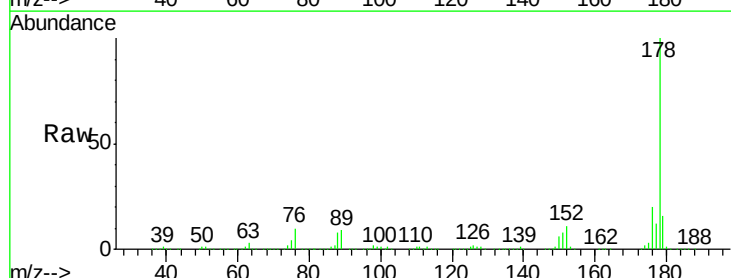
Manual Integrations
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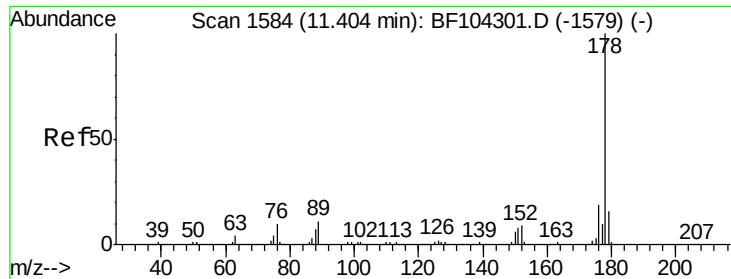
Sohil
 4/12/2018 2:30:25 PM



#70
 Phenanthrene
 Concen: 38.469 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





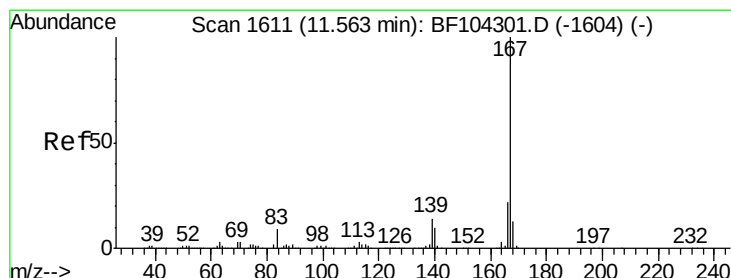
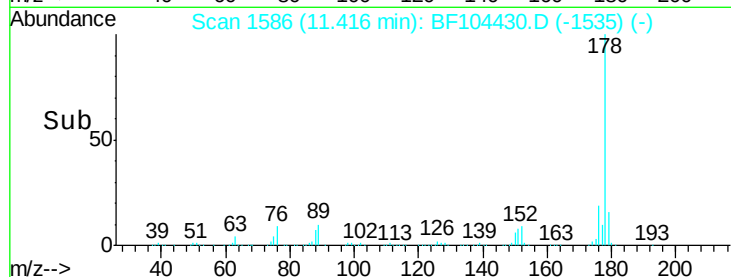
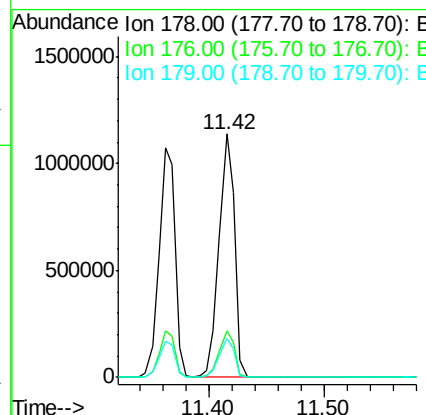
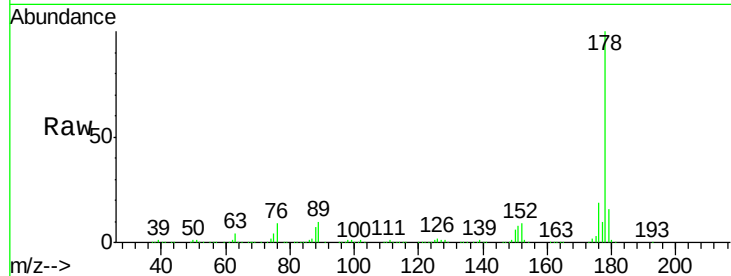
#71
 Anthracene
 Concen: 38.442 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.1	15.4	23.2	
179	16.1	12.6	19.0	

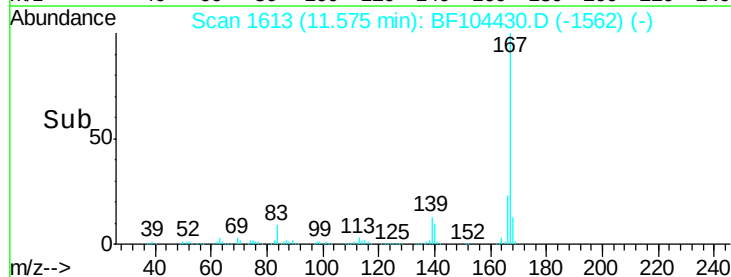
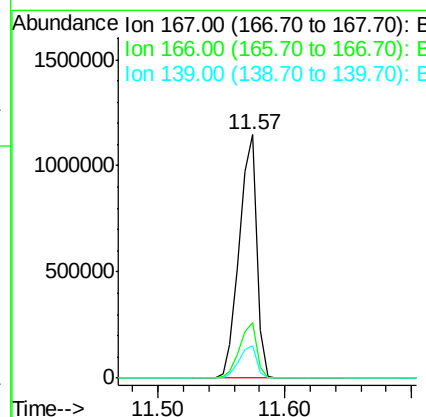
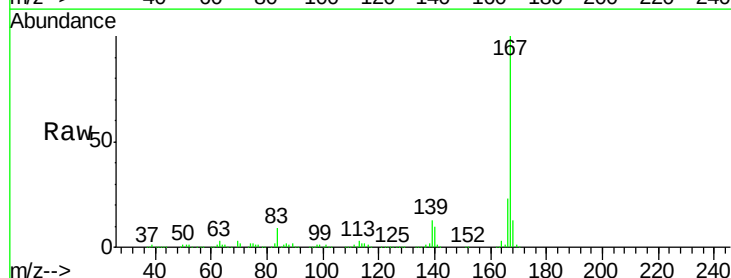
Manual Integrations
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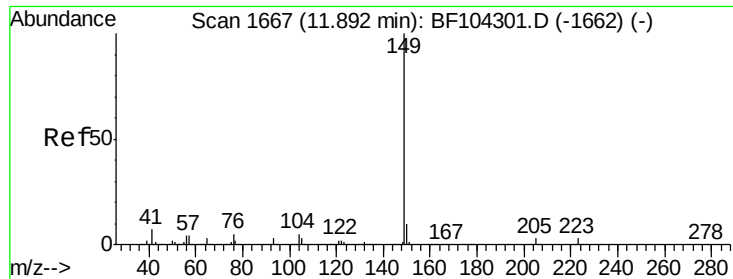
Sohil
 4/12/2018 2:30:25 PM



#72
 Carbazole
 Concen: 39.972 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	17.6	26.4	
139	13.4	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 39.375 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:149 Resp: 1300443

Ion Ratio Lower Upper

149 100

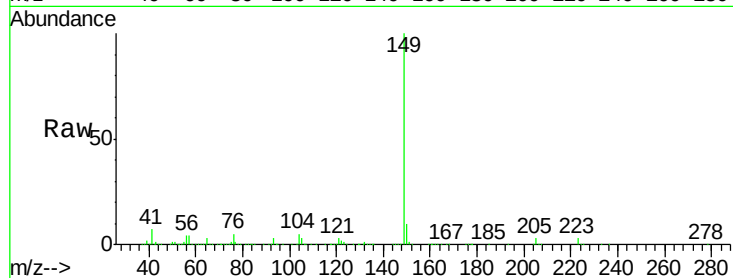
150 9.6 7.8 11.6

104 5.1 3.8 5.8

Manual Integrations
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Sohil

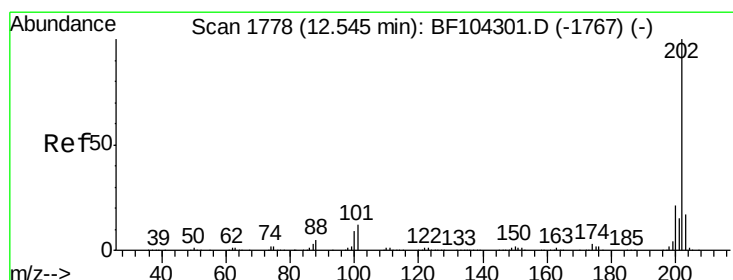
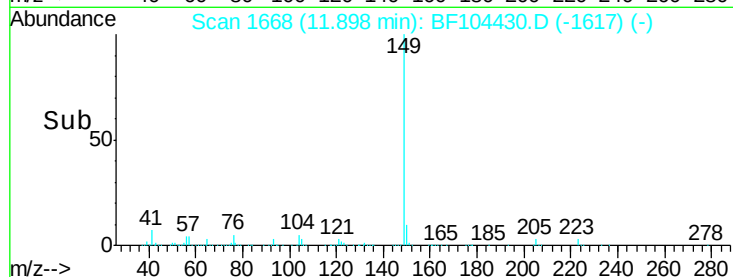
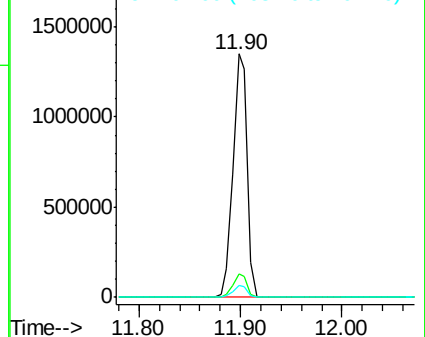
4/12/2018 2:30:25 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.412 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

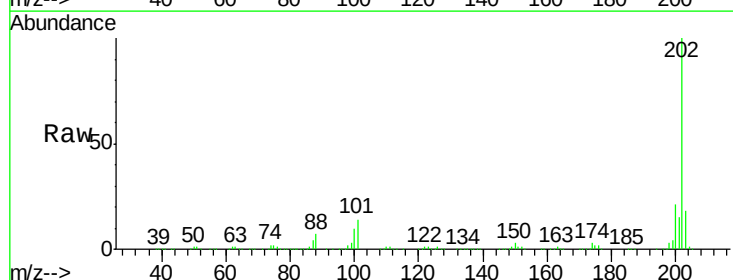
Tgt Ion:202 Resp: 1063945

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

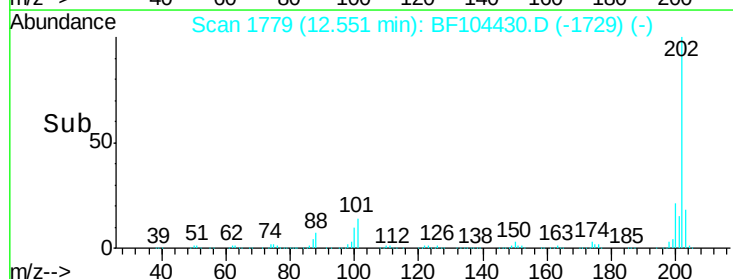
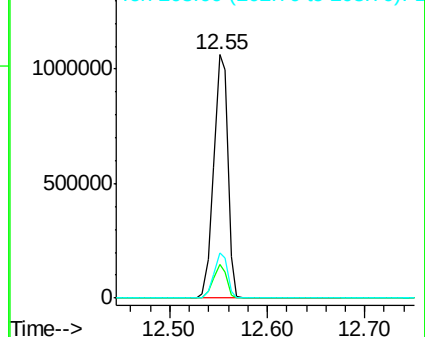
203 18.3 0.0 38.1

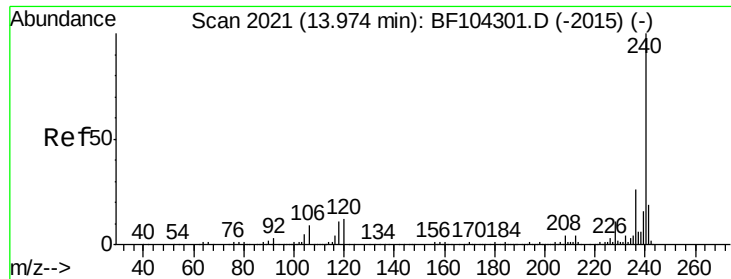


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

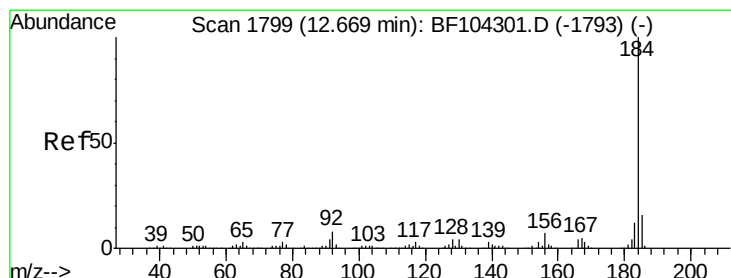
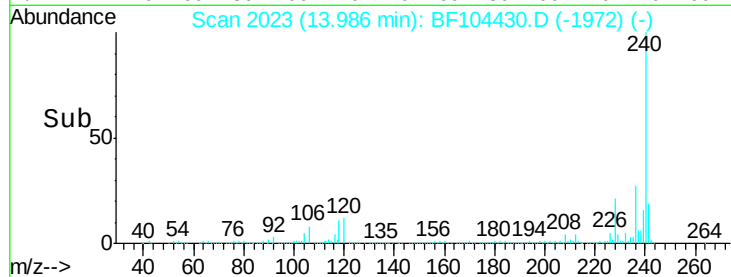
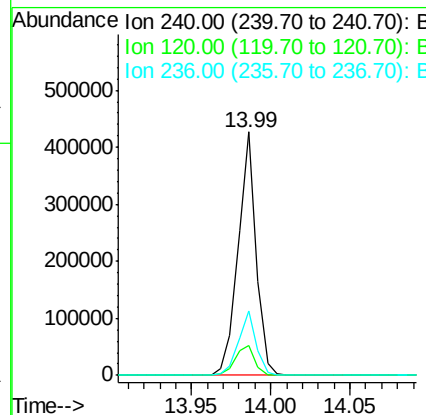
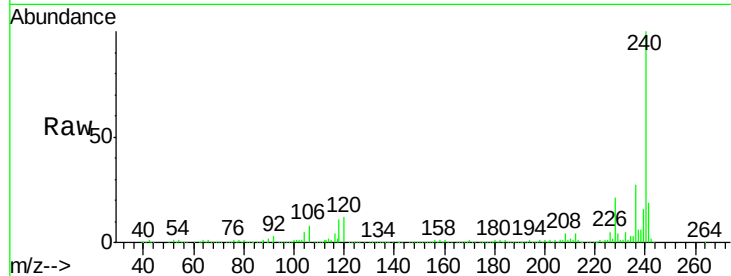
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	240	Resp:	338953
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 40.119 ng

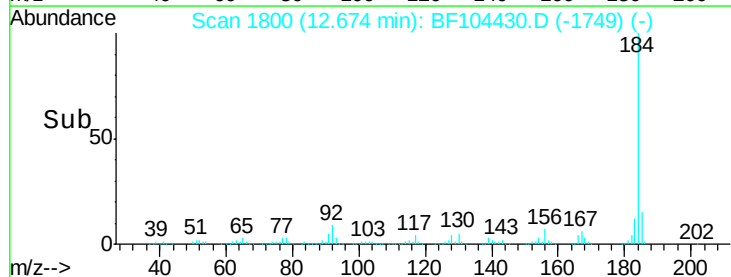
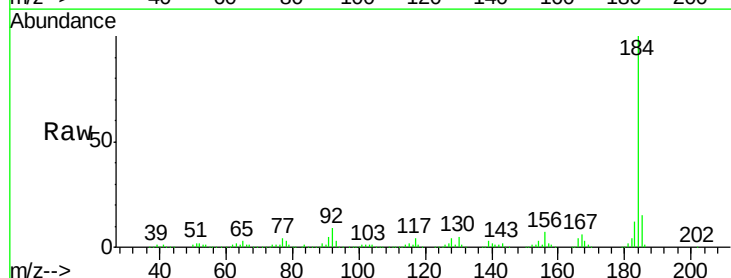
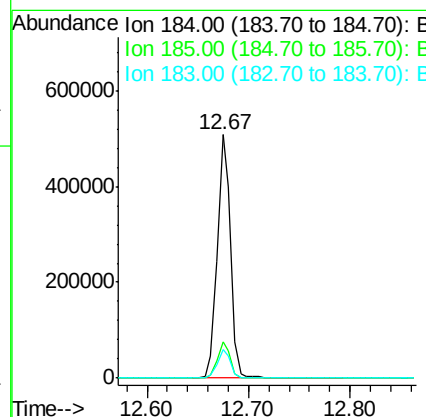
RT: 12.67 min Scan# 1800

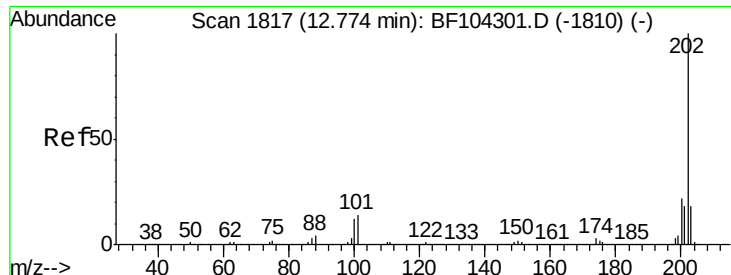
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	184	Resp:	460565
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	11.9	9.3	13.9





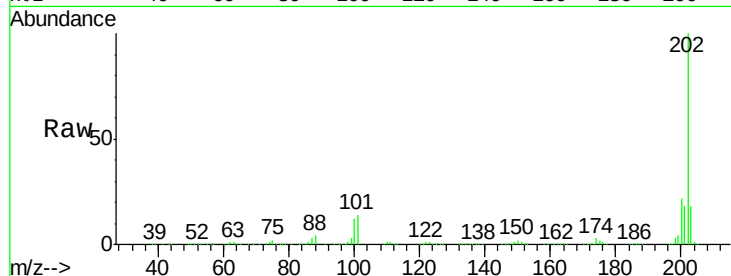
#77
 Pvrene
 Concen: 43.137 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

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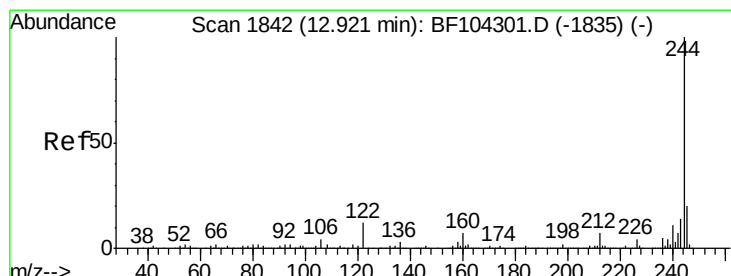
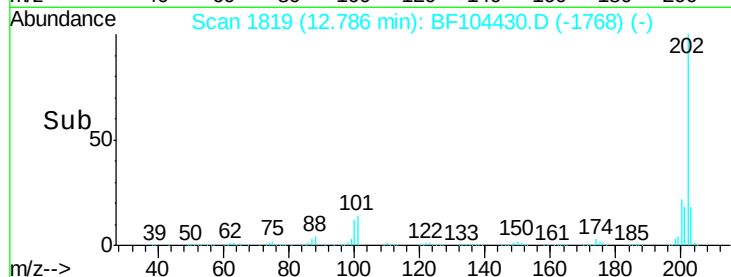
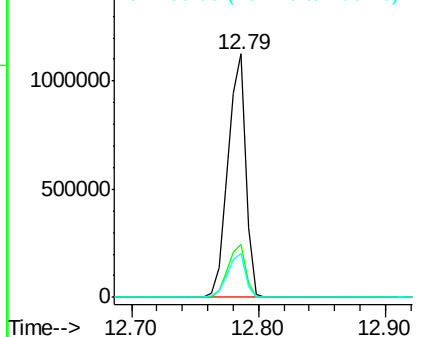


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 89.468 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

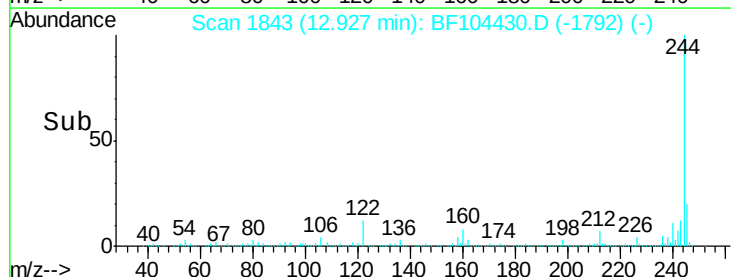
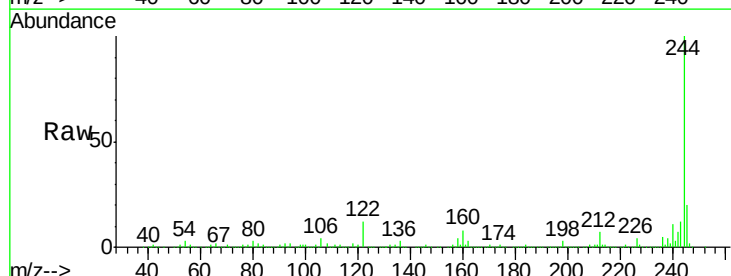
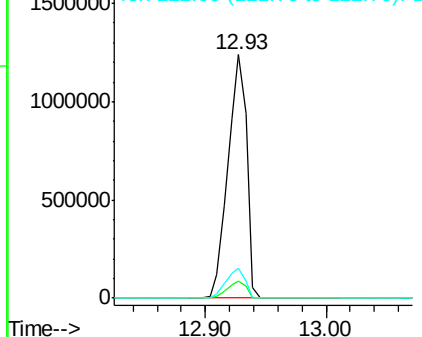
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4

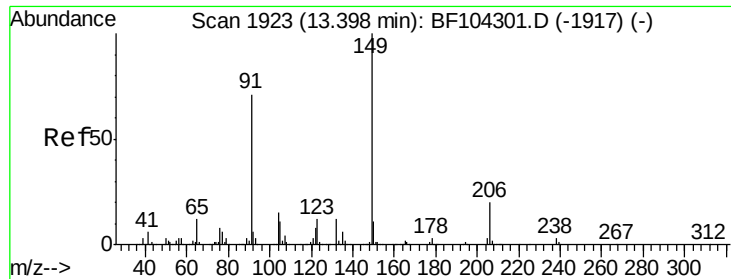
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.615 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Instrument :

BNA_F

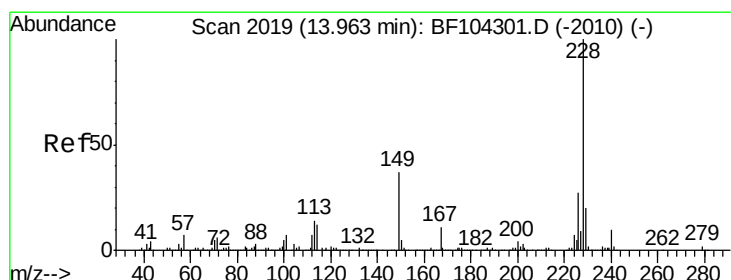
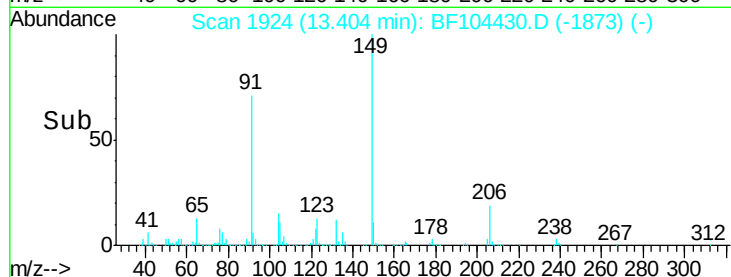
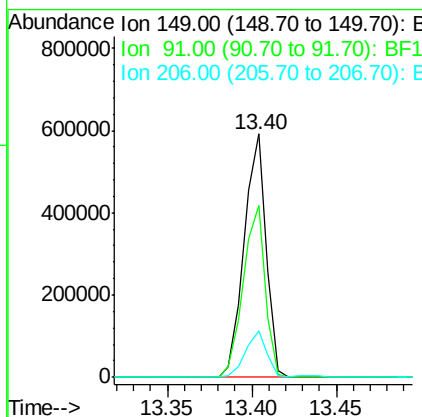
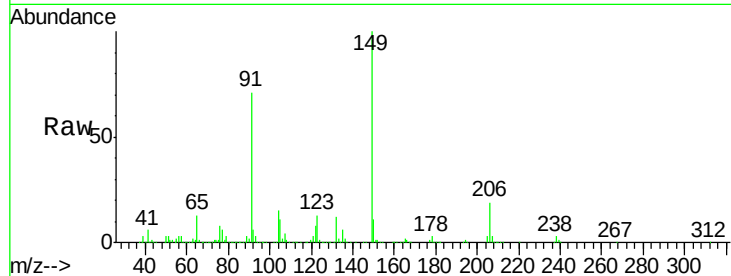
ClientSampleId :

EPE-L-6(0-5)MSD

Tot Ion:	149	Resp:	539923
Ion Ratio	Lower	Upper	
149	100		
91	70.6	56.8	85.2
206	18.9	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 40.191 ng

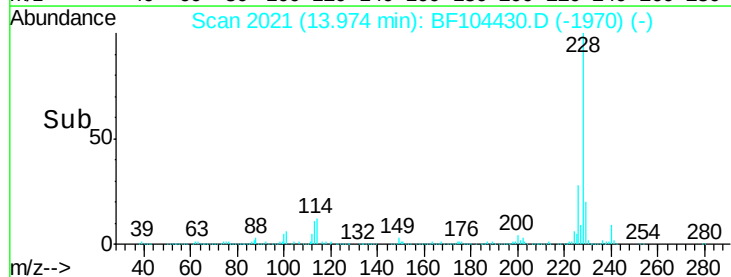
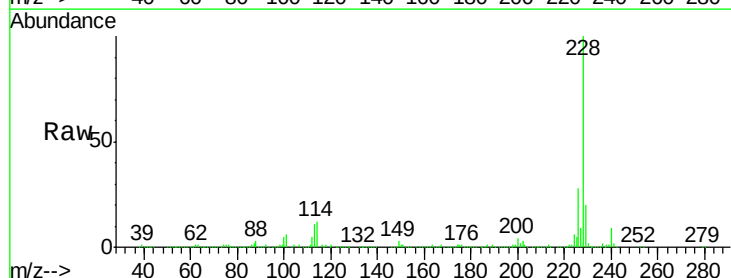
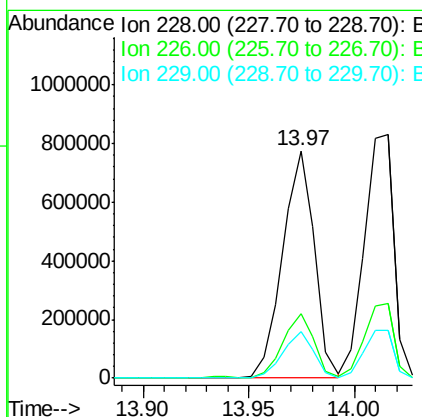
RT: 13.97 min Scan# 2021

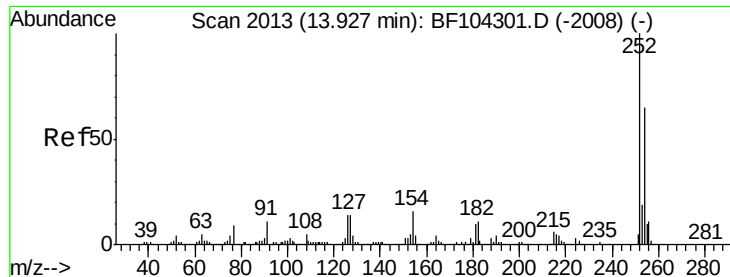
Delta R.T. 0.00 min

Lab File: BF104430.D

Acq: 11 Apr 2018 11:18

Tgt Ion:	228	Resp:	813847
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6





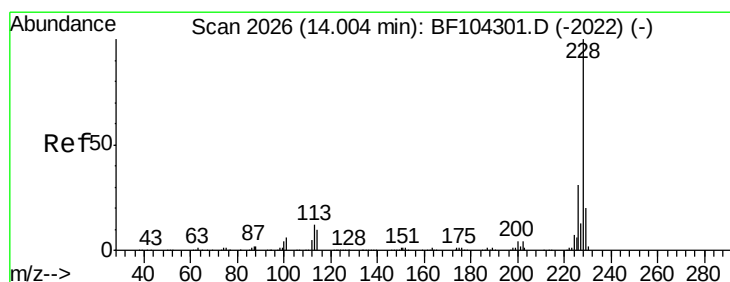
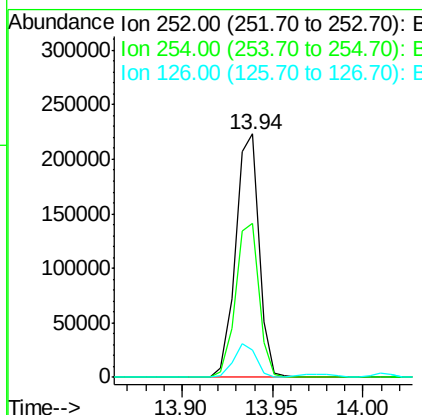
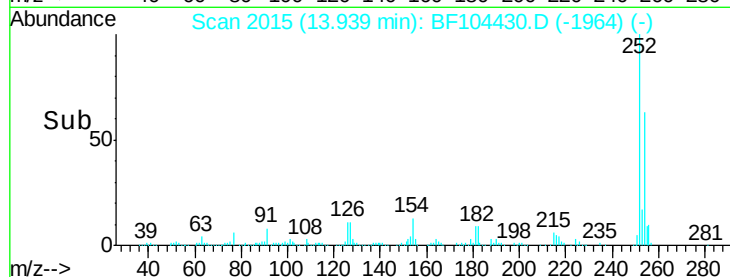
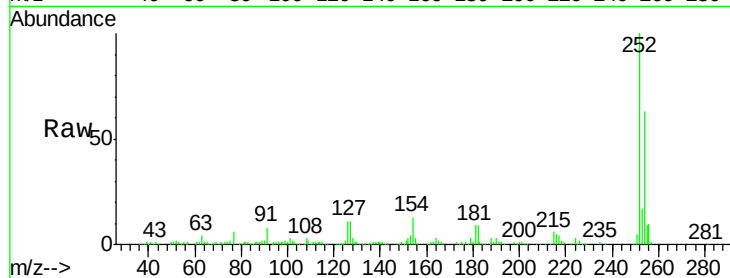
#81
 3,3'-Dichlorobenzidine
 Concen: 26.597 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	50.4	75.6
126	11.4	11.3	16.9

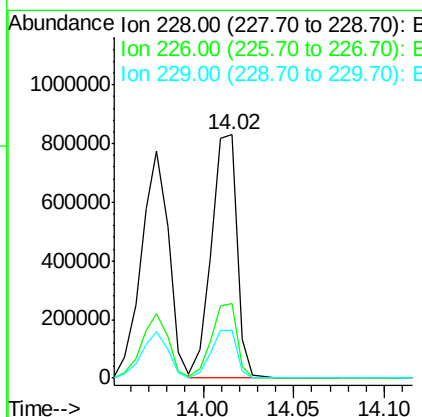
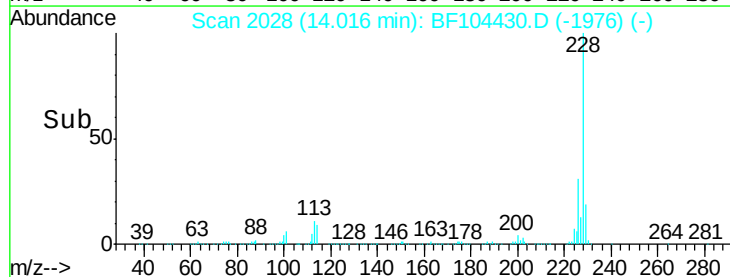
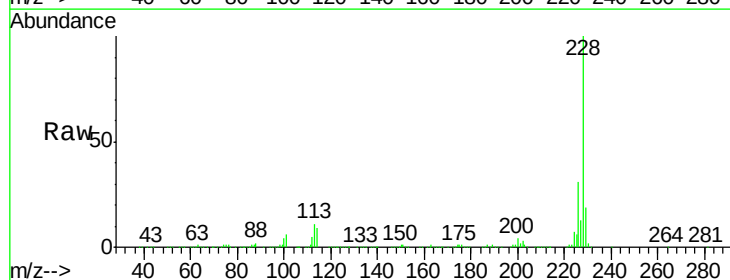
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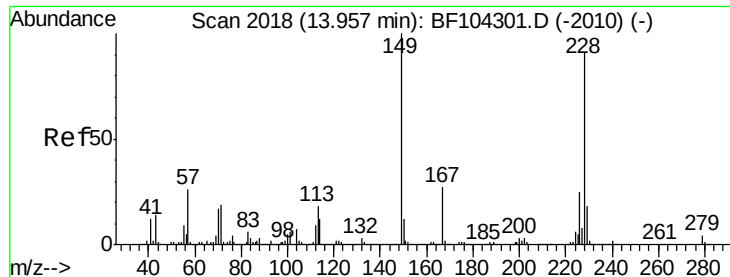
Sohil
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#82
 Chrysene
 Concen: 39.095 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.4	16.2	24.4





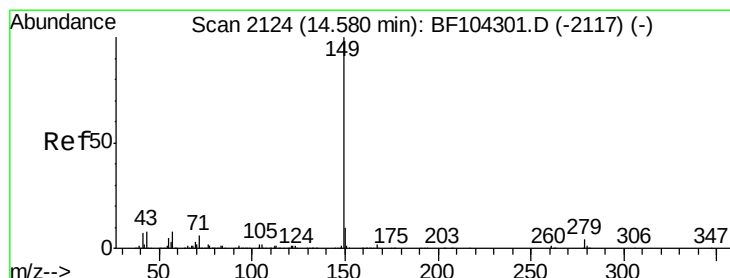
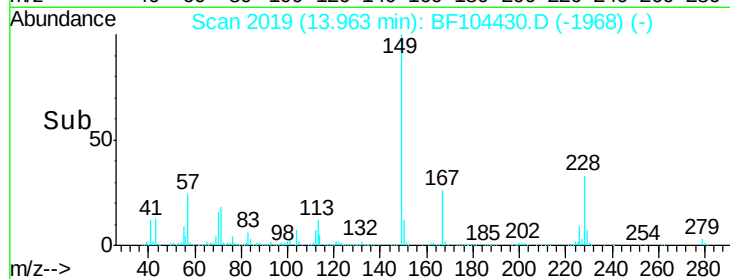
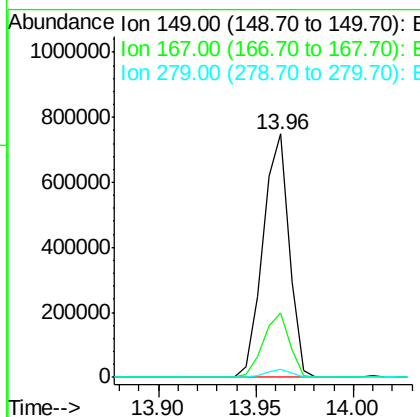
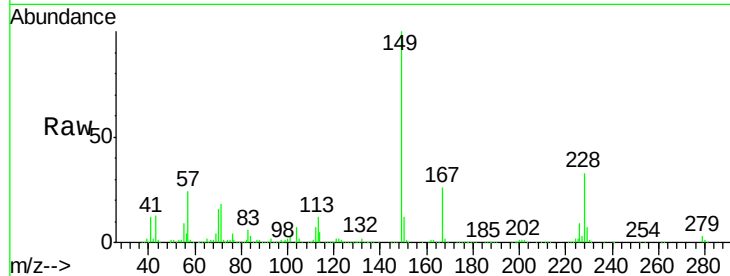
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.707 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.5	3.0	4.4

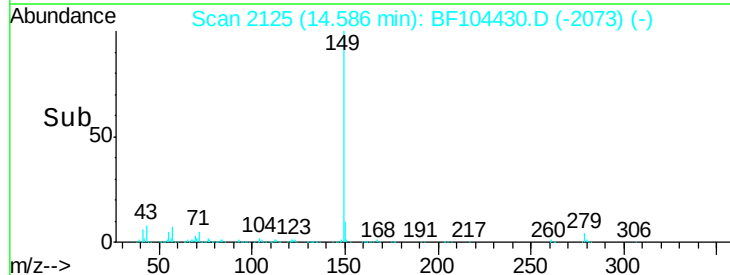
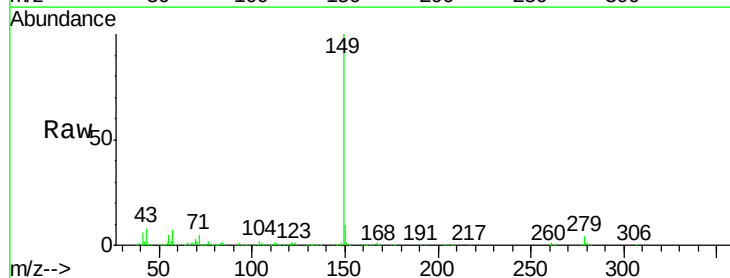
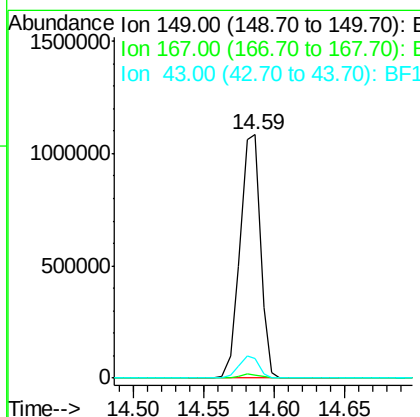
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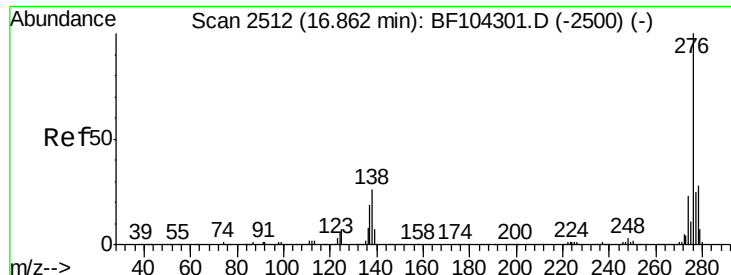
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 42.968 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6





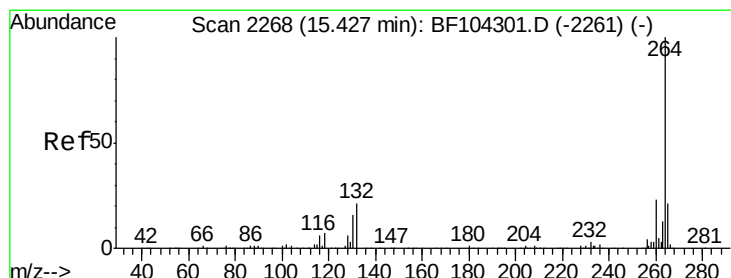
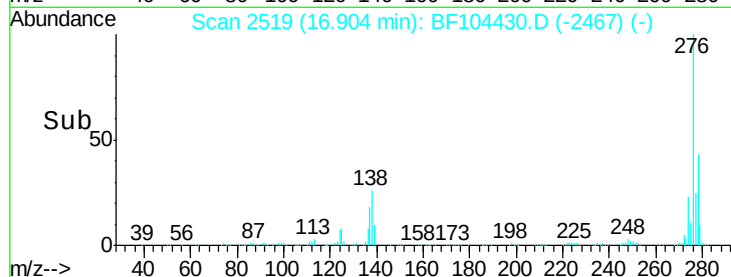
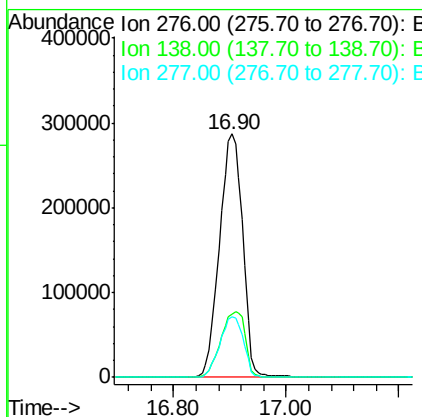
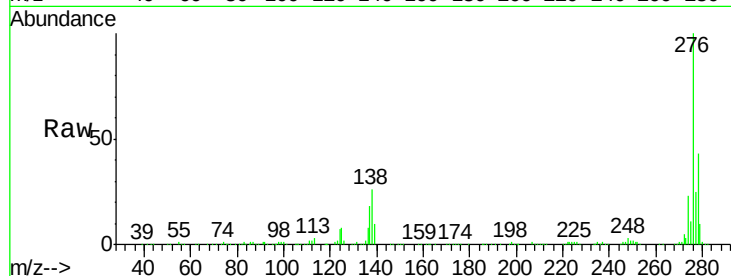
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.627 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.4	20.1	30.1

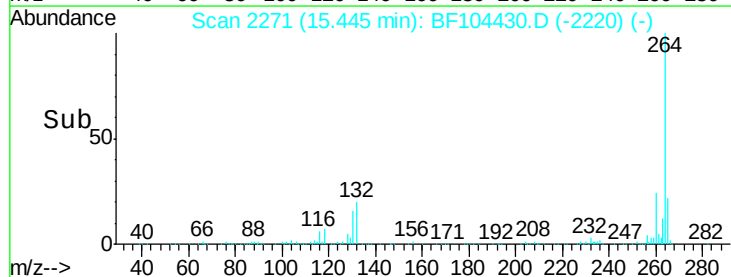
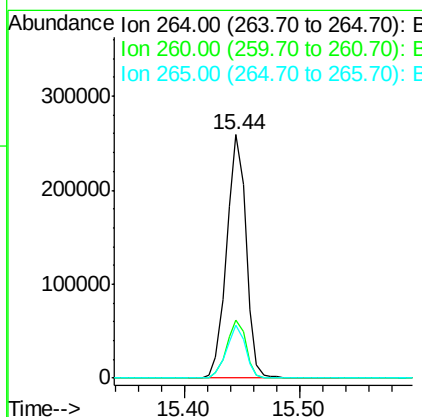
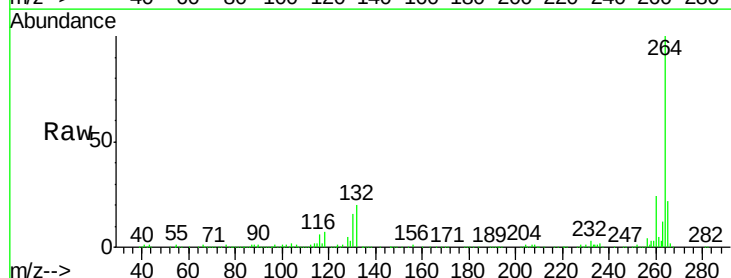
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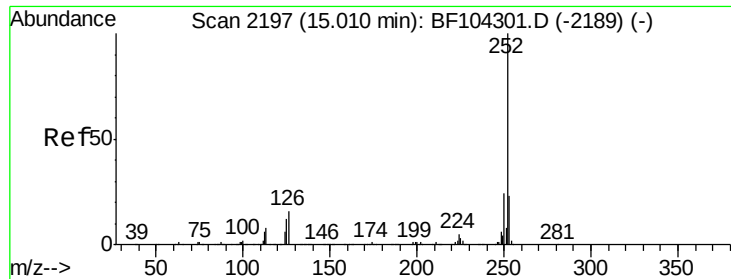
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3





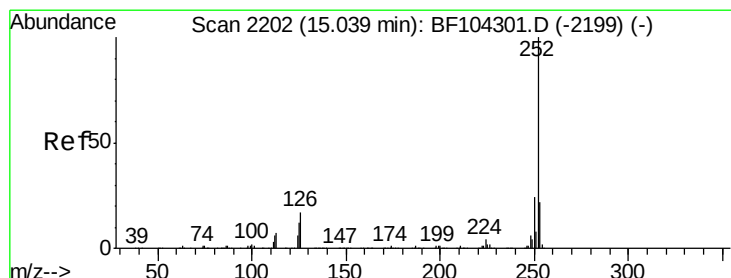
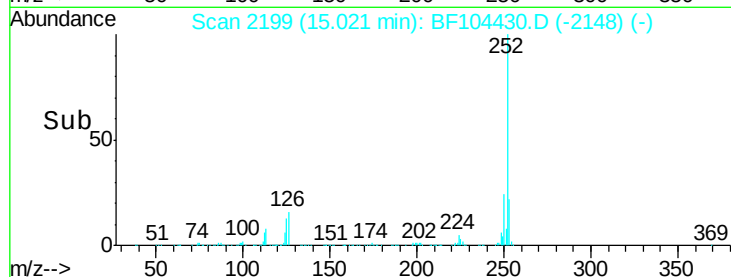
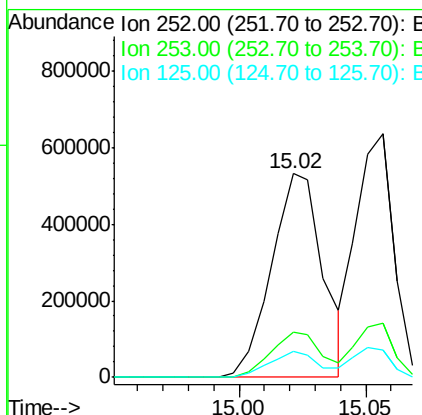
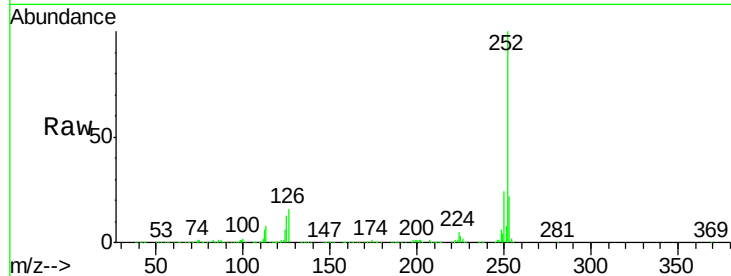
#87
Benzo(b)fluoranthene
Concen: 39.563 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.0	9.0	13.6

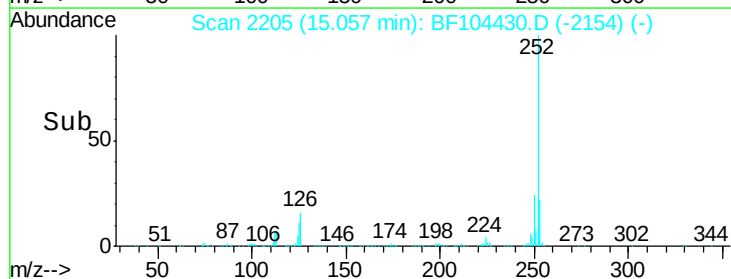
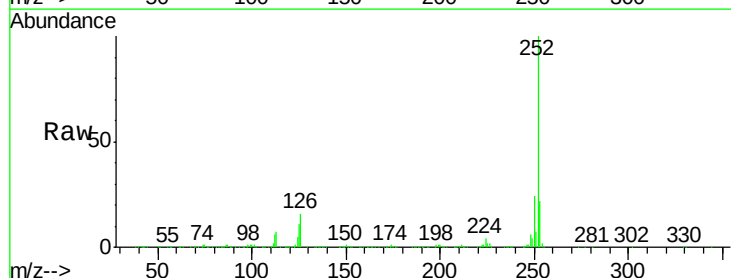
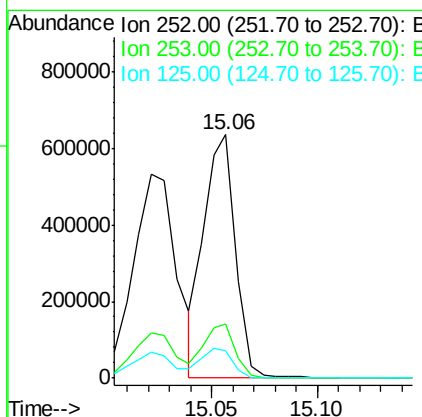
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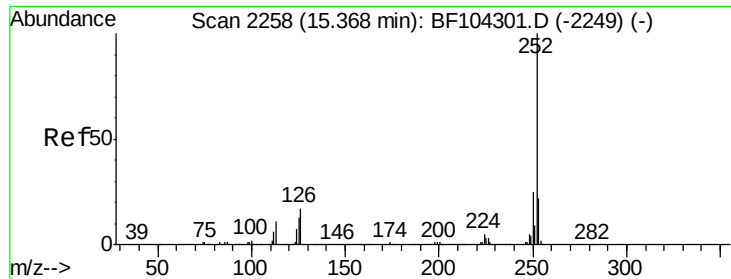
Sohil
4/12/2018 2:30:25 PM



#88
Benzo(k)fluoranthene
Concen: 36.575 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.2	10.2	15.2





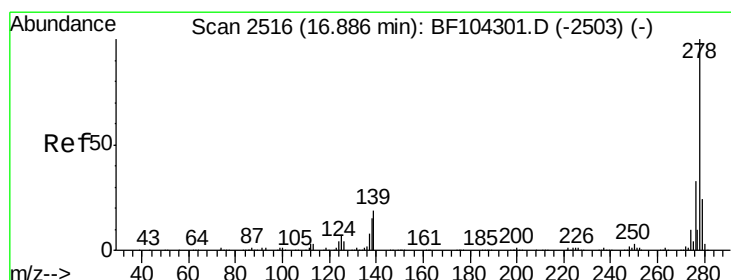
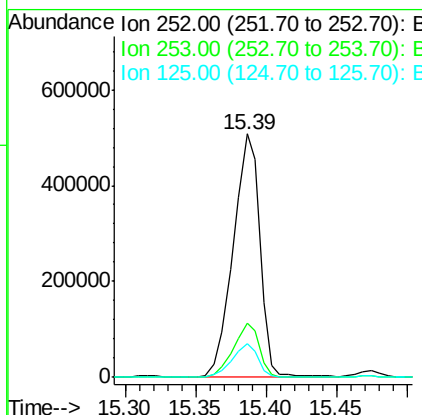
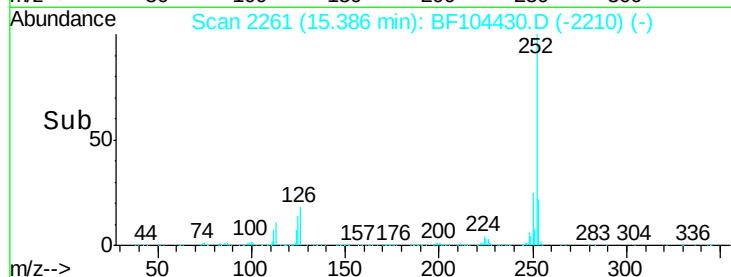
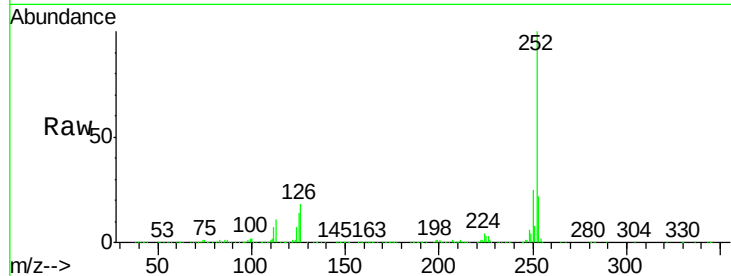
#89
Benzo(a)pyrene
Concen: 39.193 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.1	9.8	14.6

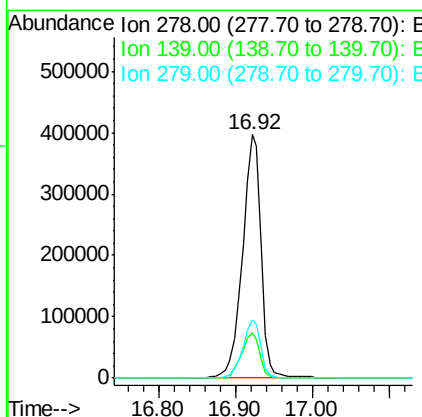
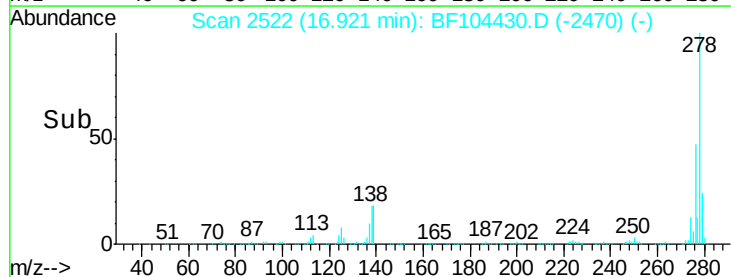
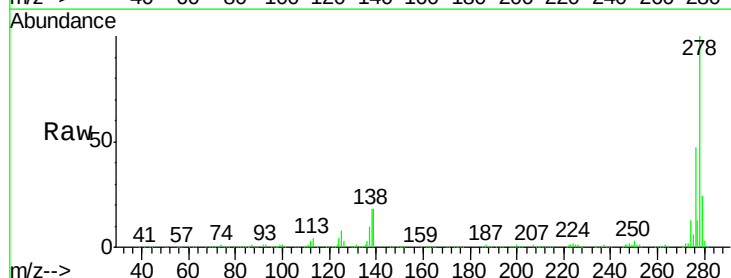
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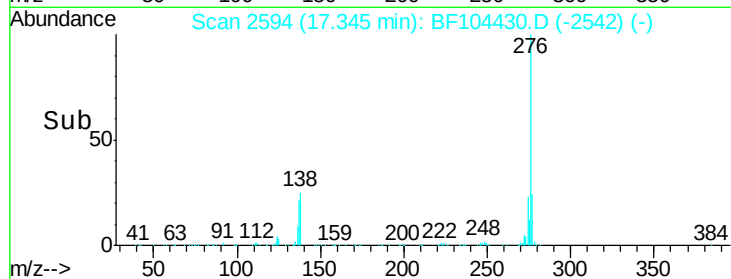
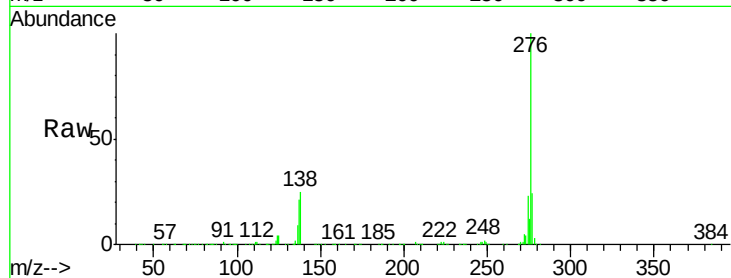
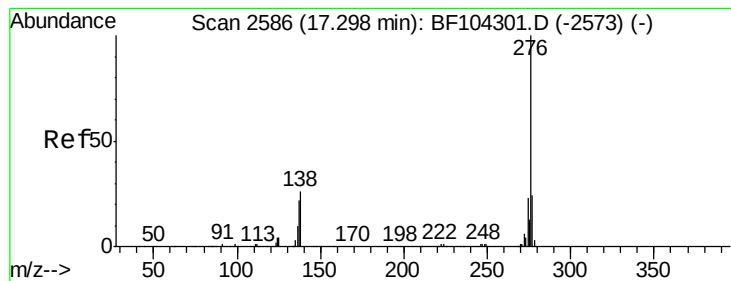
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.984 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104430.D
Acq: 11 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.660 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. 0.01 min
 Lab File: BF104430.D
 Acq: 11 Apr 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)MSD

Tot Ion:	276	Resp:	700481
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
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