

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104429.D
 Acq On : 11 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2301-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:30:22 PM

Quant Time: Apr 11 14:20:42 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	143955	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585560	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	270352	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	481626	20.00	ng	0.00
75) Chrysene-d12	13.99	240	328222	20.00	ng	0.00
86) Perylene-d12	15.44	264	311478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	915997	97.30	ng	0.02
7) Phenol-d6	6.45	99	1254725	108.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	748856	83.51	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	327401	116.74	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1304361	76.22	ng	0.00
78) Terphenyl-d14	12.93	244	1276280	88.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	147975	33.732	ng	91
3) Pyridine	3.32	79	404133	32.766	ng	88
4) n-Nitrosodimethylamine	3.28	42	163006	37.808	ng	# 81
6) Aniline	6.47	93	328474	20.439	ng	96
8) 2-Chlorophenol	6.60	128	415457	41.810	ng	95
9) Benzaldehyde	6.36	77	291835	58.326	ng	94
10) Phenol	6.46	94	568800	46.344	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	399706	40.810	ng	95
12) 1,3-Dichlorobenzene	6.75	146	441670	39.234	ng	99
13) 1,4-Dichlorobenzene	6.83	146	441060	39.304	ng	99
14) 1,2-Dichlorobenzene	6.98	146	417779	40.175	ng	99
15) Benzyl Alcohol	6.95	79	357013	40.635	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	528649	40.191	ng	93
17) 2-Methylphenol	7.06	107	346832	40.153	ng	97
18) Hexachloroethane	7.32	117	160214	40.044	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	282914	37.428	ng	94
20) 3+4-Methylphenols	7.22	107	404125	37.724	ng	# 79
22) Acetophenone	7.22	105	555245	38.515	ng	96
24) Nitrobenzene	7.40	77	443812	44.826	ng	95
25) Isophorone	7.63	82	726192	38.295	ng	99
26) 2-Nitrophenol	7.71	139	235893	58.525	ng	96
27) 2,4-Dimethylphenol	7.75	122	324892	38.821	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	490208	42.280	ng	99
29) 2,4-Dichlorophenol	7.95	162	346899	43.442	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	359649	41.039	ng	99
31) Naphthalene	8.12	128	1126946	38.650	ng	99
32) Benzoic acid	7.87	122	229562	34.378	ng	98
33) 4-Chloroaniline	8.16	127	128402	10.279	ng	97
34) Hexachlorobutadiene	8.23	225	201533	41.985	ng	99
35) Caprolactam	8.55	113	112602m	40.422	ng	
36) 4-Chloro-3-methylphenol	8.65	107	373436	43.614	ng	95
37) 2-Methylnaphthalene	8.80	142	725979	38.492	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316390	40.882	ng	99
40) Hexachlorocyclopentadiene	8.96	237	355905	82.146	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	249864	46.510	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	250093	41.600	nq	94
45) 1,1'-Biphenyl	9.27	154	918879	40.459	nq	98
46) 2-Chloronaphthalene	9.30	162	744399	41.496	nq	100
47) 2-Nitroaniline	9.39	65	229457	51.722	nq	98
48) Acenaphthylene	9.72	152	1097758	39.002	nq	100
49) Dimethylphthalate	9.58	163	986267	46.262	nq	99
50) 2,6-Dinitrotoluene	9.64	165	197833	50.149	nq	93
51) Acenaphthene	9.89	154	651119	37.916	nq	99
52) 3-Nitroaniline	9.80	138	84400	18.275	nq	94
53) 2,4-Dinitrophenol	9.92	184	181201	99.495	nq	# 21
54) Dibenzofuran	10.06	168	979364	40.923	nq	98
55) 4-Nitrophenol	9.97	139	336929	92.873	nq	95
56) 2,4-Dinitrotoluene	10.05	165	250366	48.384	nq	94
57) Fluorene	10.40	166	685720	39.365	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	196612	43.837	nq	94
59) Diethylphthalate	10.27	149	833276	39.245	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	348555	44.930	nq	99
61) 4-Nitroaniline	10.43	138	195911	43.385	nq	96
62) Azobenzene	10.56	77	813692	40.112	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	138724	57.436	nq	87
65) n-Nitrosodiphenylamine	10.52	169	697986	41.798	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	225307	43.980	nq	# 88
67) Hexachlorobenzene	10.95	284	243865	42.305	nq	96
68) Atrazine	11.05	200	224782	44.594	nq	100
69) Pentachlorophenol	11.15	266	272846	76.510	nq	99
70) Phenanthrene	11.36	178	1026331	38.265	nq	99
71) Anthracene	11.42	178	1042163	38.224	nq	100
72) Carbazole	11.57	167	1042476	39.129	nq	99
73) Di-n-butylphthalate	11.90	149	1247020	38.317	nq	99
74) Fluoranthene	12.56	202	1017125	36.296	nq	96
76) Benzidine	12.67	184	423325	37.326	nq	99
77) Pyrene	12.79	202	1039908	42.744	nq	100
79) Butylbenzylphthalate	13.40	149	501480	43.753	nq	99
80) Benzo(a)anthracene	13.97	228	787245	40.148	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	195046	26.678	nq	# 98
82) Chrysene	14.01	228	779203	38.688	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	656121	44.505	nq	100
84) Di-n-octyl phthalate	14.58	149	1048504	42.564	nq	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	848596	49.599	nq	97
87) Benzo(b)fluoranthene	15.03	252	756152	38.437	nq	99
88) Benzo(k)fluoranthene	15.06	252	684929	36.879	nq	98
89) Benzo(a)pyrene	15.39	252	695635	39.520	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	692585	47.908	nq	99
91) Benzo(g,h,i)perylene	17.35	276	727009	51.907	nq	96

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

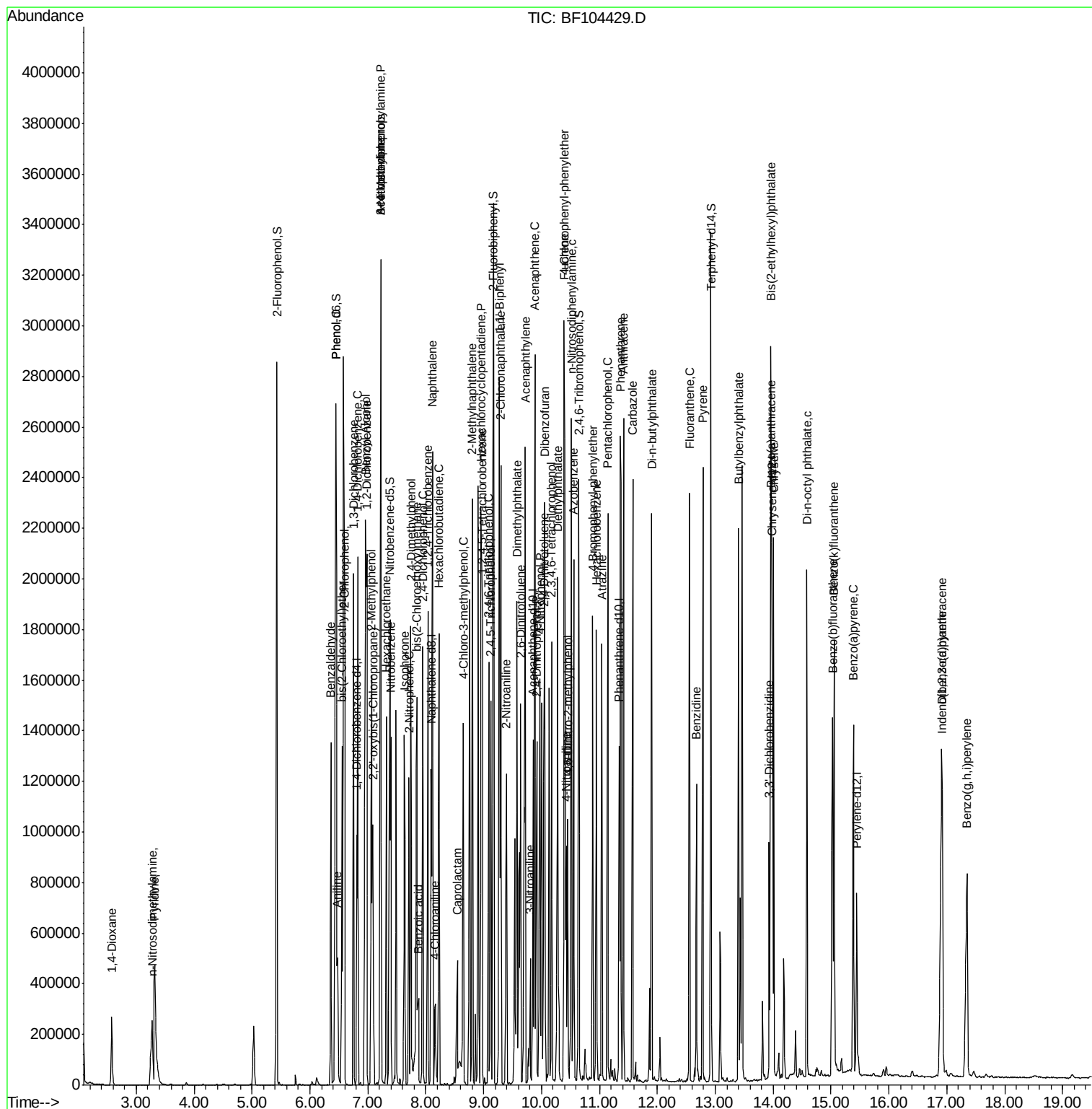
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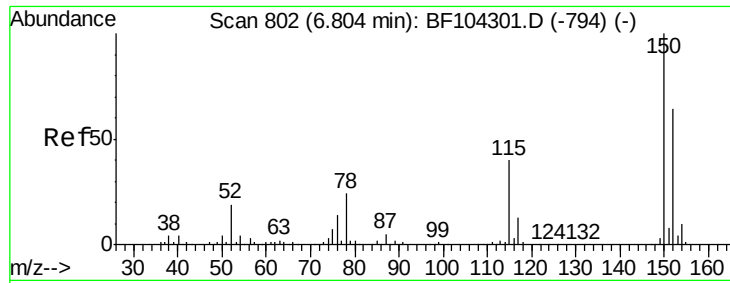
Instrument :
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#1

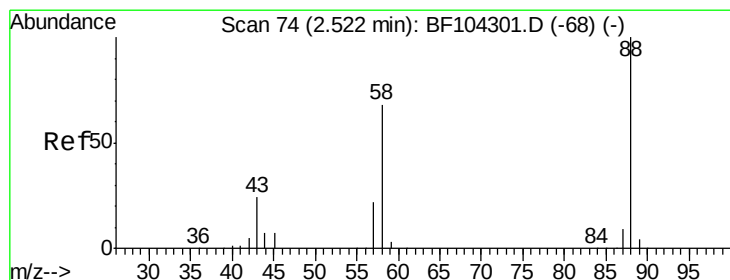
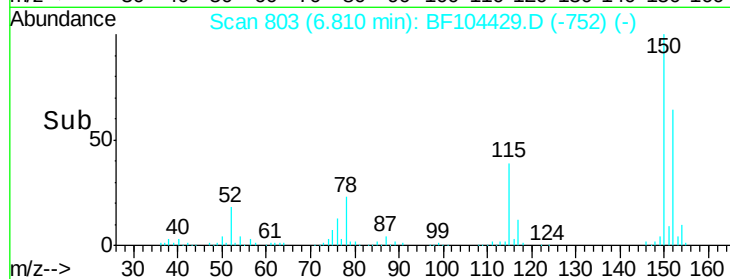
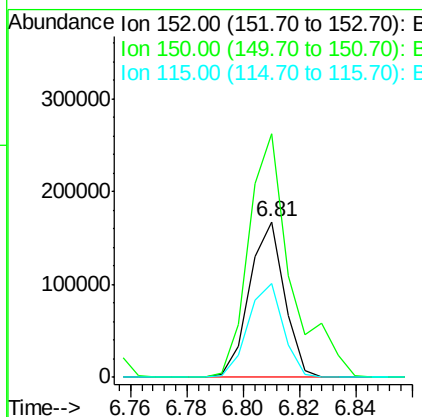
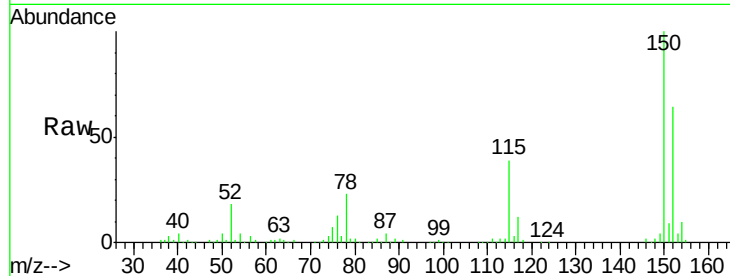
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.4	50.1	75.1

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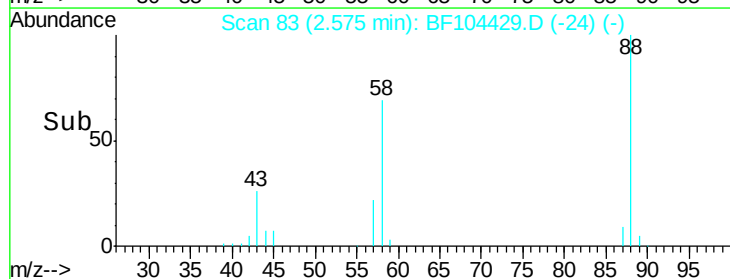
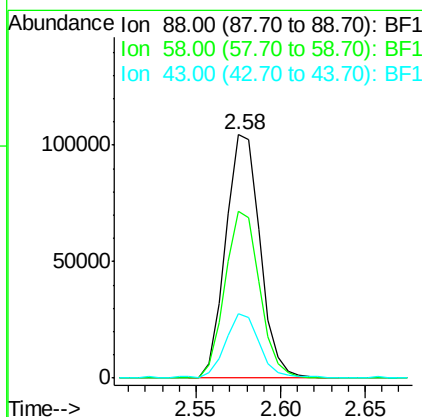
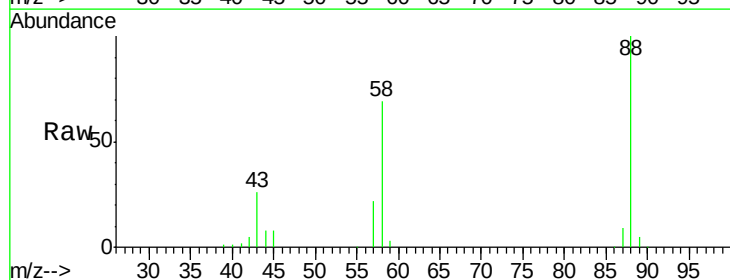
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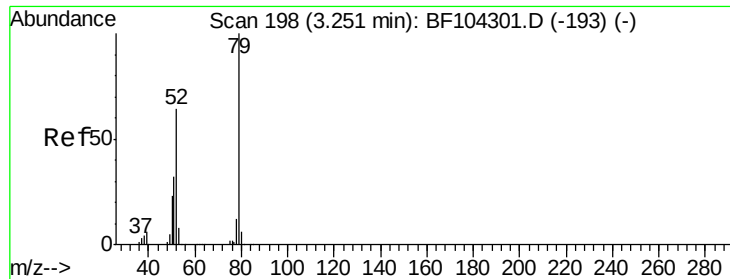


#2

1,4-Dioxane
Concen: 33.732 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.05 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	62.6	93.8
43	27.0	24.6	37.0





#3

Pvridine

Concen: 32.766 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.05 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

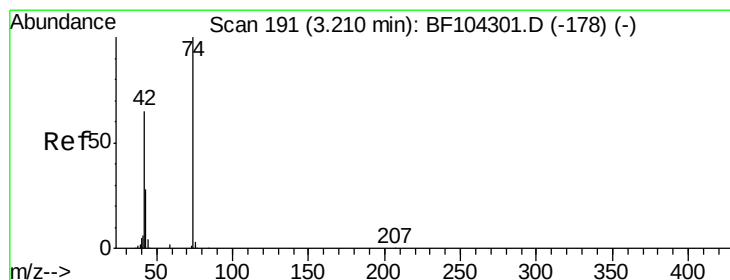
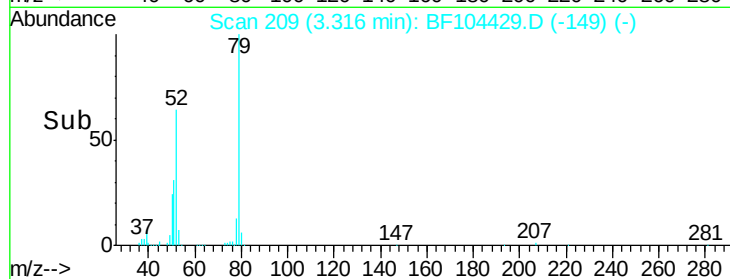
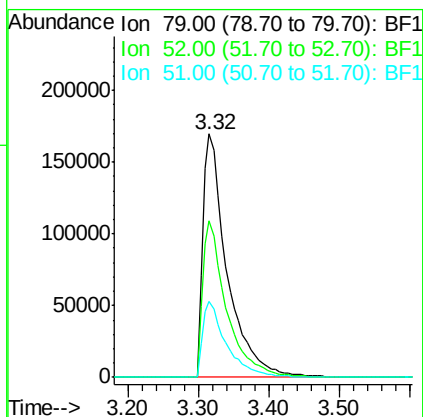
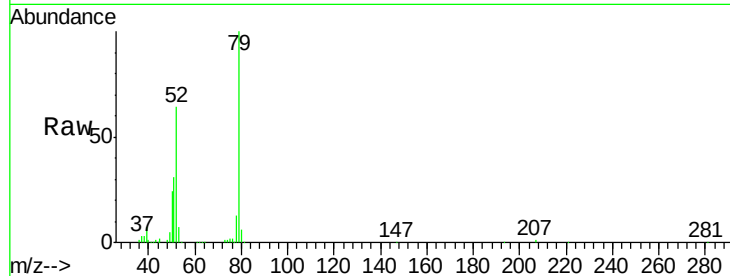
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	79	Resp:	404133
Ion Ratio	Lower	Upper	
79	100		
52	64.1	59.8	89.6
51	31.3	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.808 ng

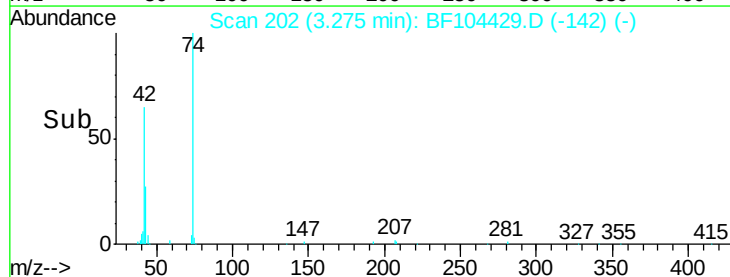
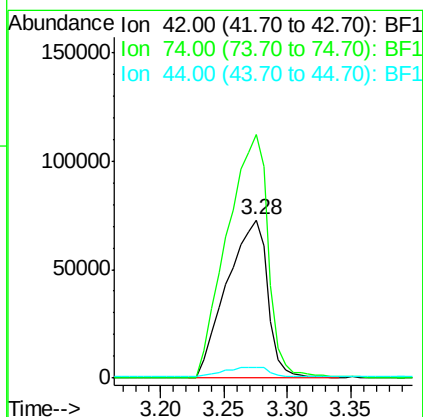
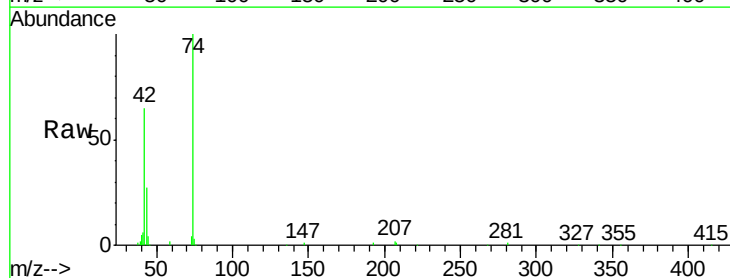
RT: 3.28 min Scan# 202

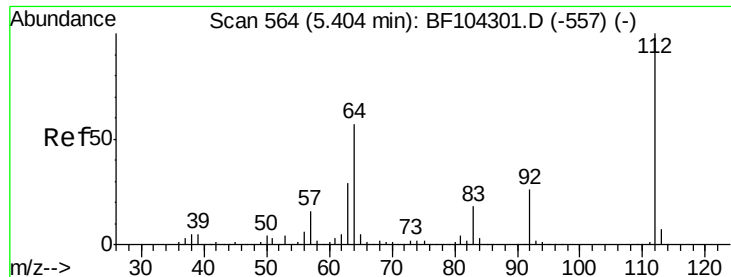
Delta R.T. 0.05 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	42	Resp:	163006
Ion Ratio	Lower	Upper	
42	100		
74	154.2	104.9	157.3
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 97.295 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

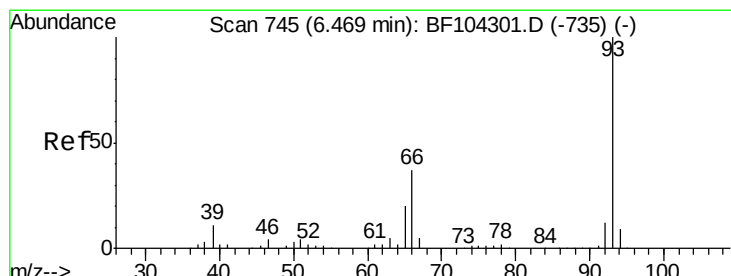
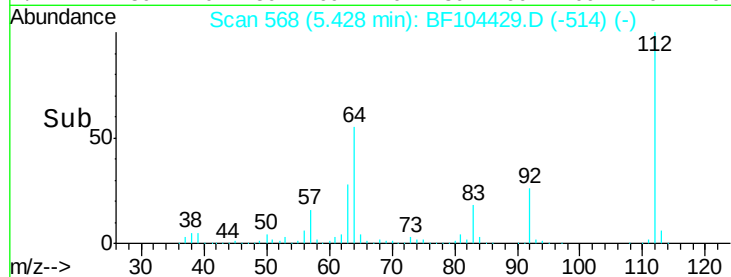
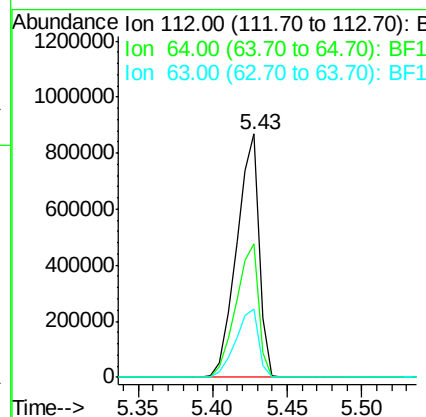
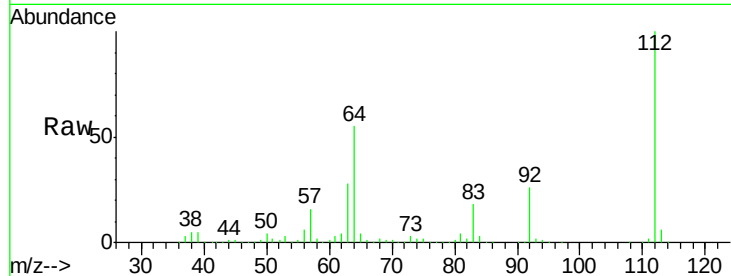
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	112	Resp:	915997
Ion Ratio	Lower	Upper	
112	100		
64	54.9	47.9	71.9
63	28.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.439 ng

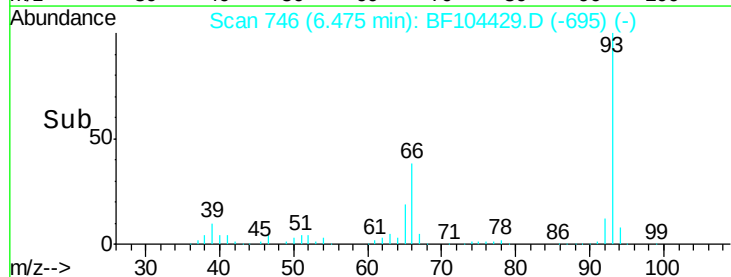
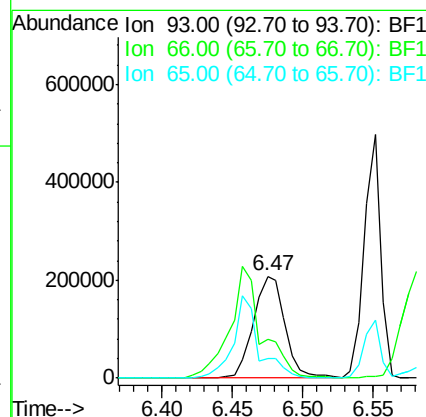
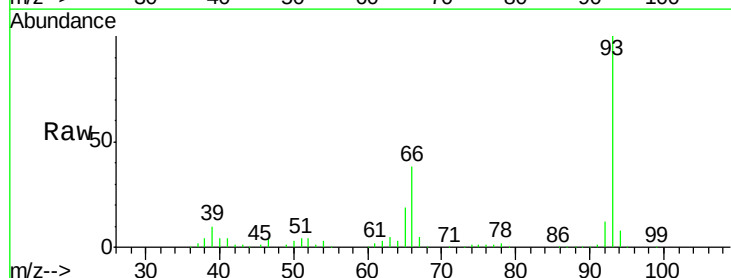
RT: 6.47 min Scan# 746

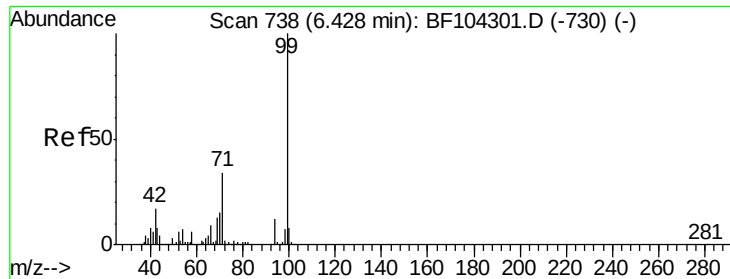
Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	93	Resp:	328474
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.2	48.2
65	18.8	16.4	24.6





#7

Phenol-d6

Concen: 108.470 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion: 99 Resp: 1254725

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

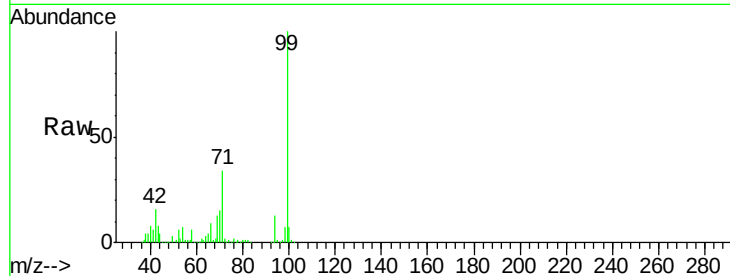
71 33.8 25.4 38.0

Manual Integrations

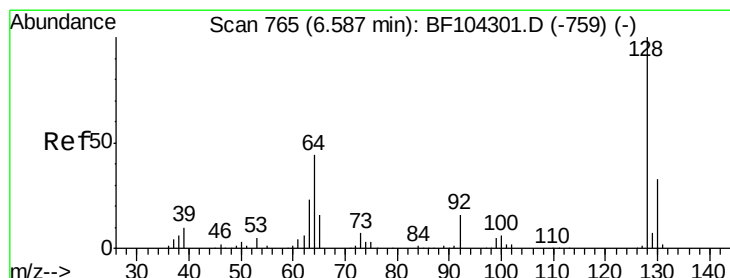
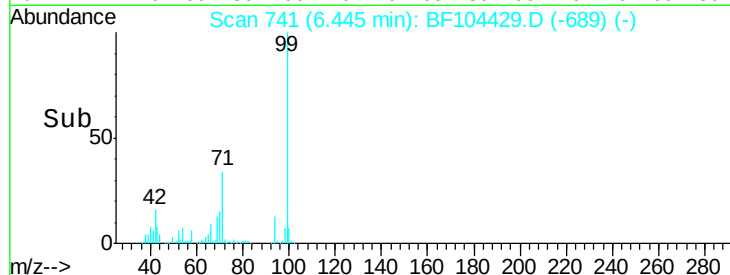
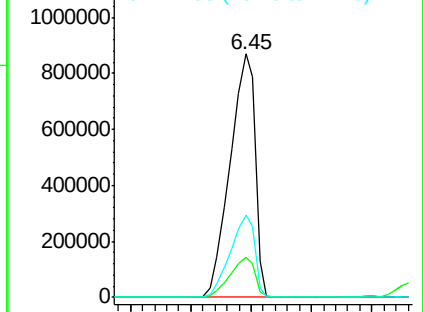
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.810 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

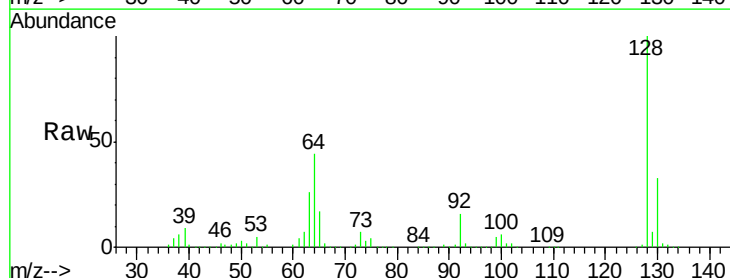
Tgt Ion: 128 Resp: 415457

Ion Ratio Lower Upper

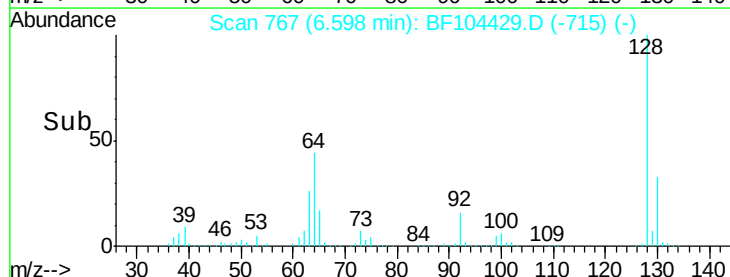
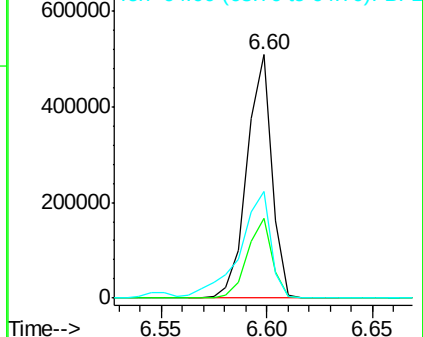
128 100

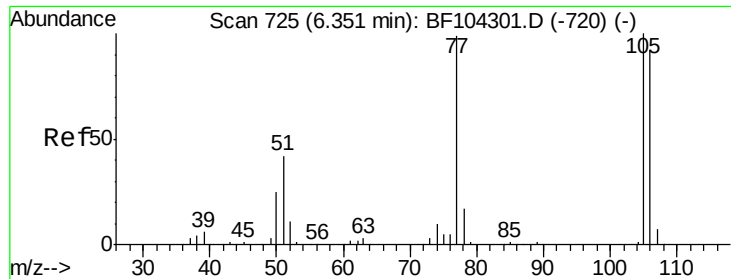
130 32.6 13.0 53.0

64 43.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





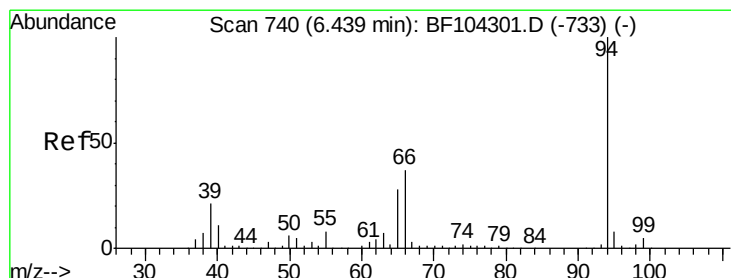
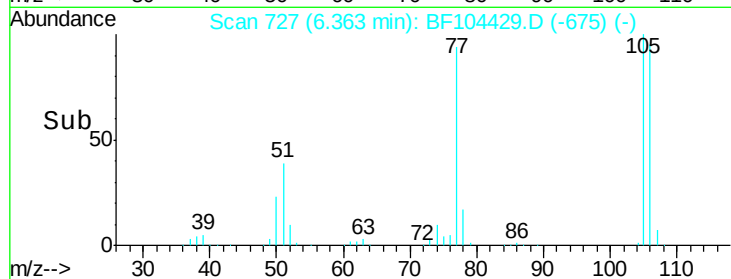
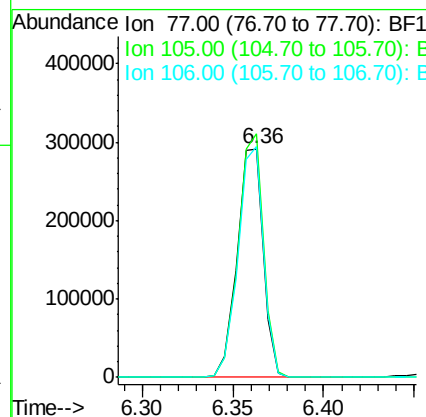
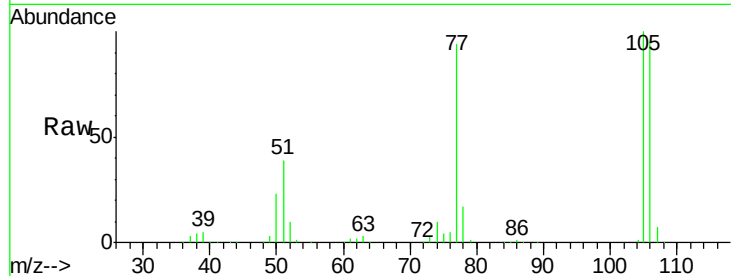
#9
Benzaldehyde
Concen: 58.326 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF104429.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	106.4	81.1	121.1
106	100.8	74.5	114.5

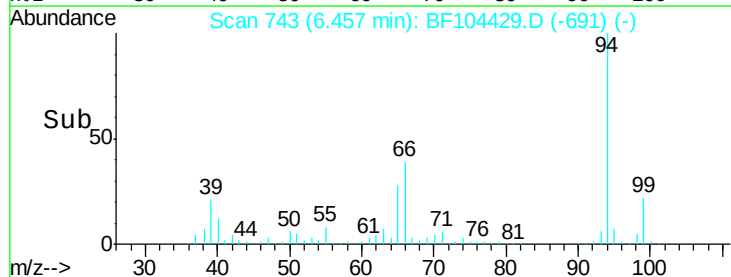
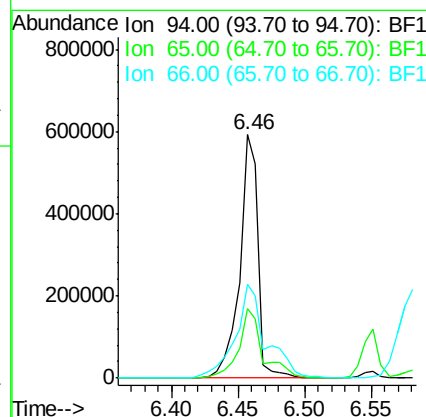
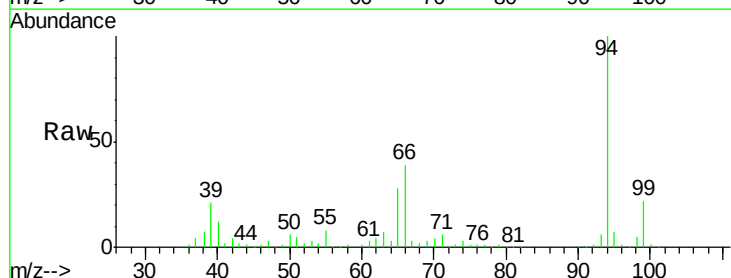
Manual Integrations
APPROVED

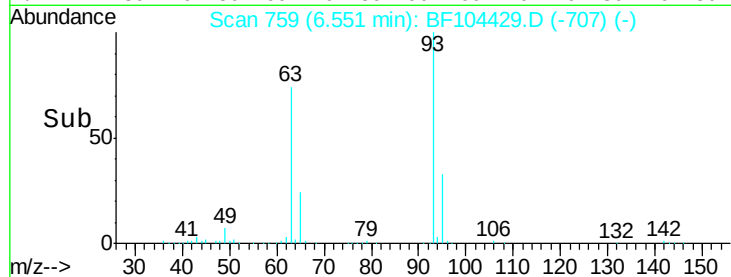
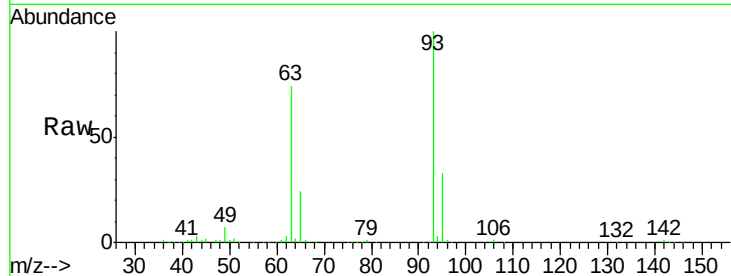
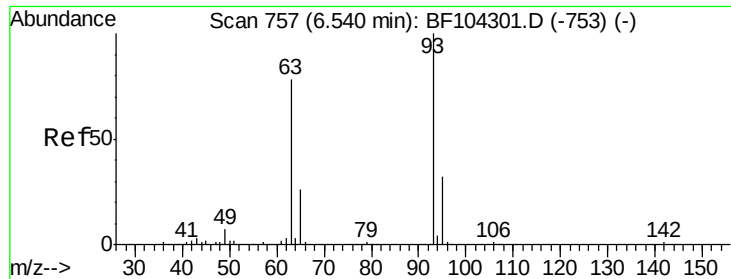
Sohil
4/12/2018 2:30:22 PM



#10
Phenol
Concen: 46.344 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	38.6	16.2	56.2





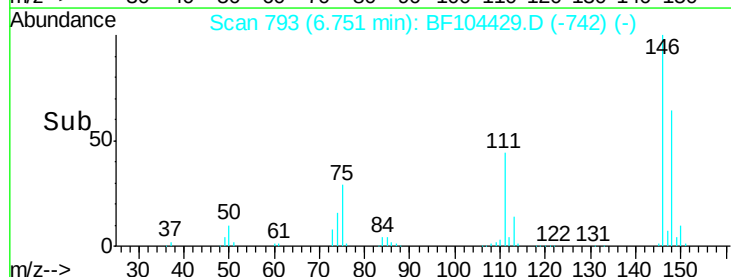
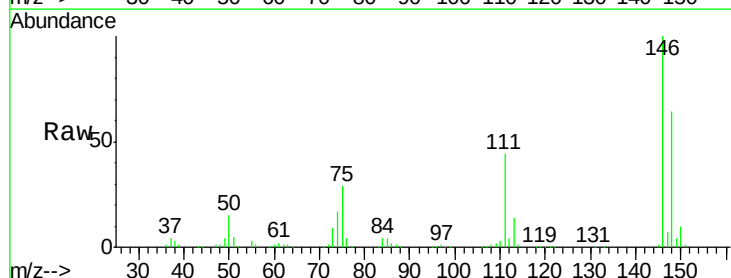
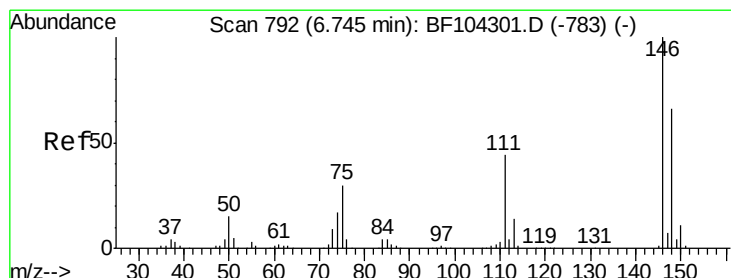
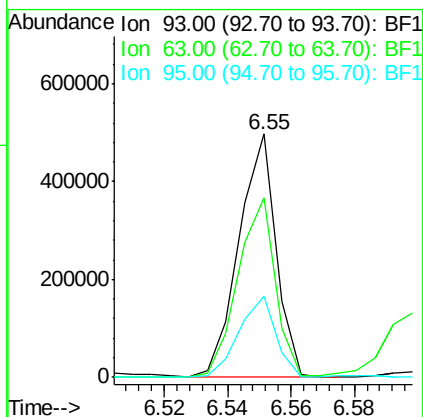
#11
bis(2-Chloroethyl)ether
Concen: 40.810 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tot Ion	93	Resp	399706
Ion Ratio	Lower	Upper	
93	100		
63	73.8	58.6	98.6
95	33.3	11.8	51.8

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

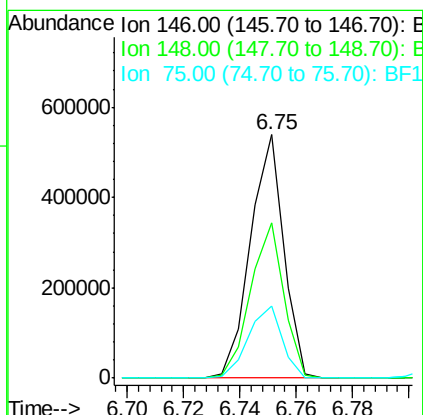
Manual Integrations
APPROVED

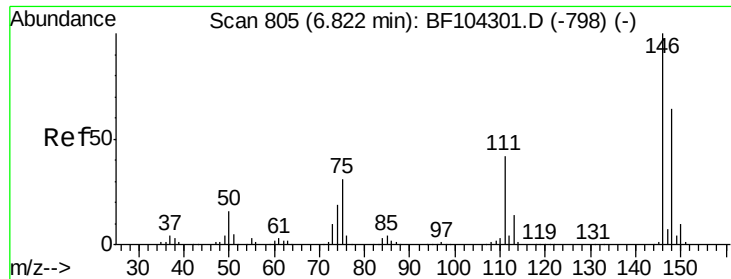
Sohil
4/12/2018 2:30:22 PM



#12
1,3-Dichlorobenzene
Concen: 39.234 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	146	Resp	441670
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	29.4	24.2	36.4





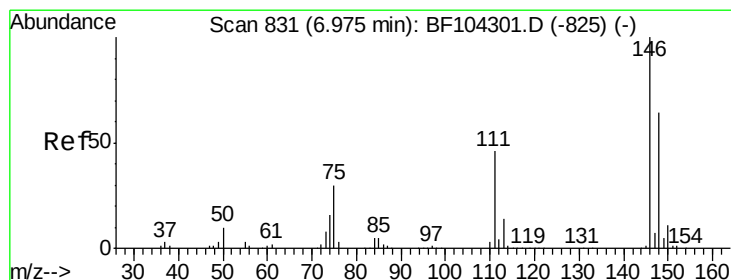
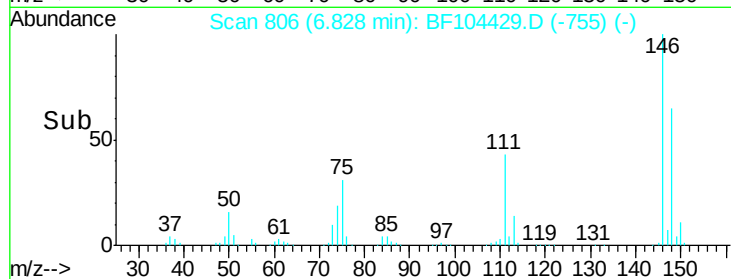
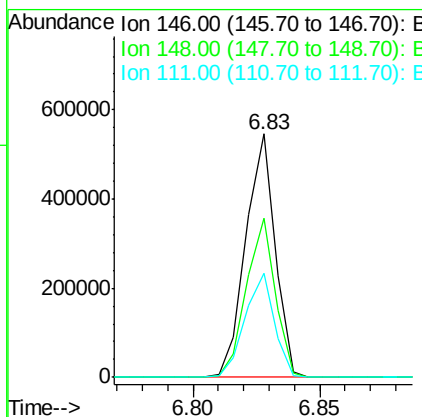
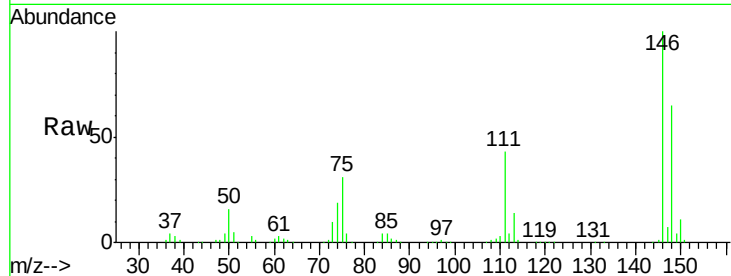
#13
 1,4-Dichlorobenzene
 Concen: 39.304 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	43.0	34.2	51.2

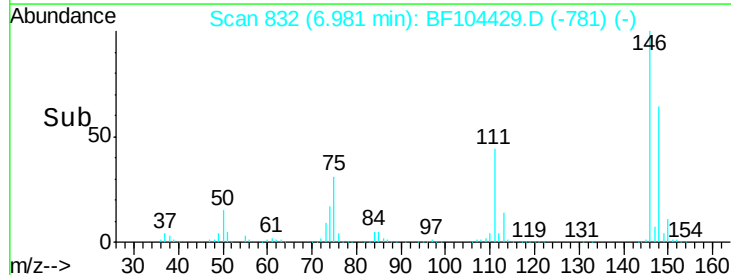
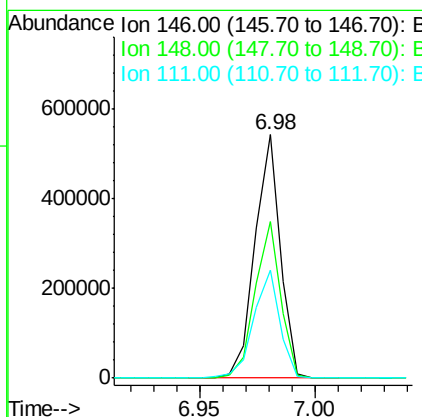
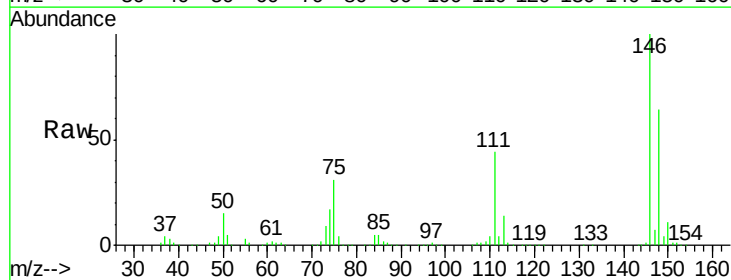
Manual Integrations
 APPROVED

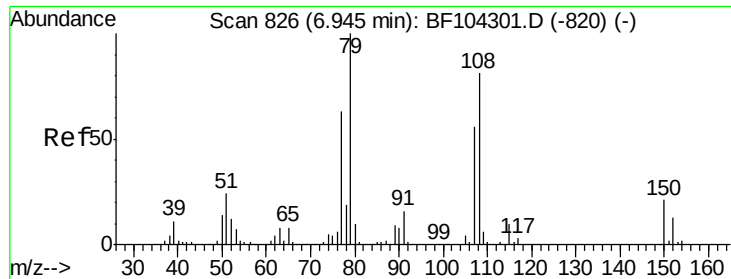
Sohil
 4/12/2018 2:30:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.175 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	44.5	36.0	54.0





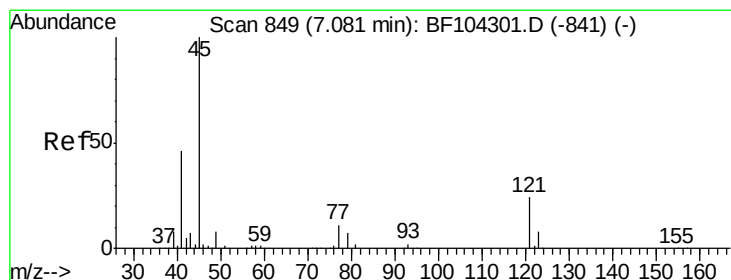
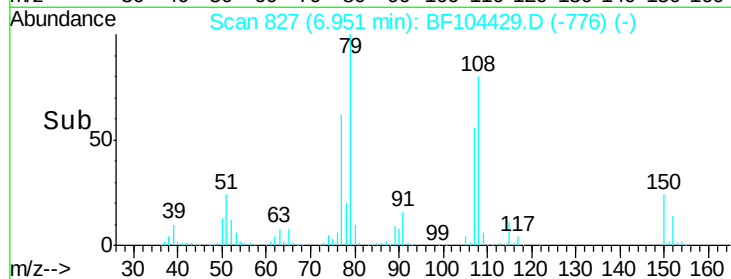
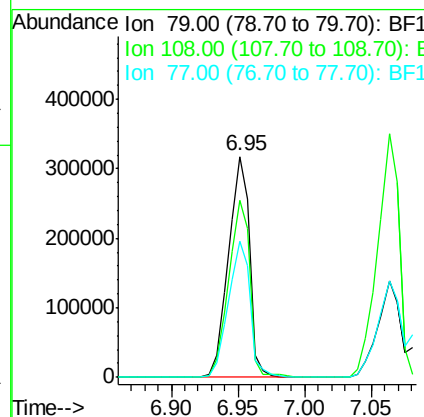
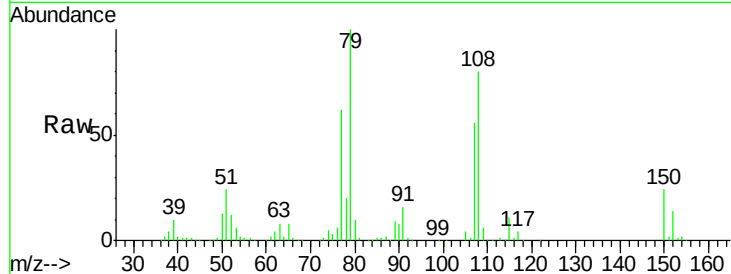
#15
Benzyl Alcohol
Concen: 40.635 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	61.8	50.6	75.8

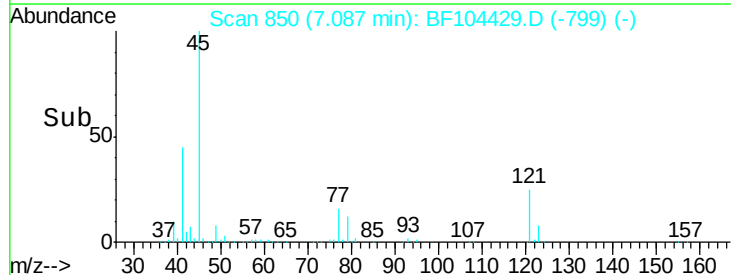
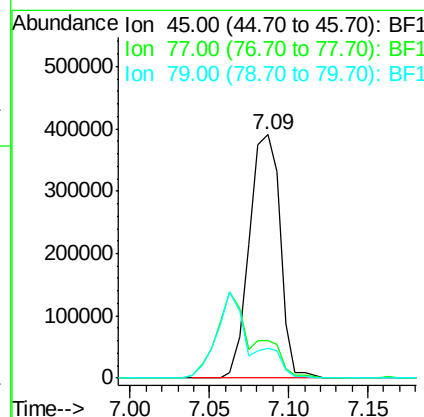
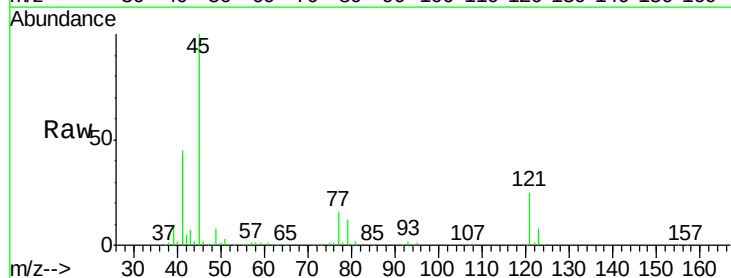
Manual Integrations
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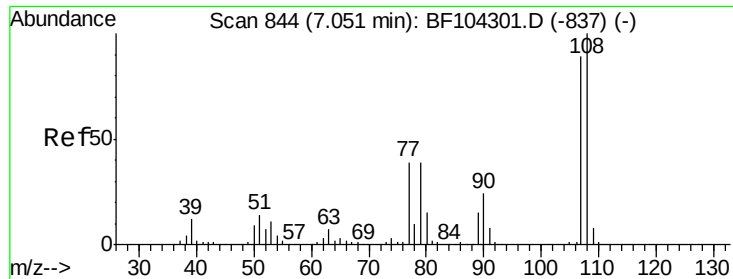
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.191 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	32.9
79	12.2	0.0	29.6





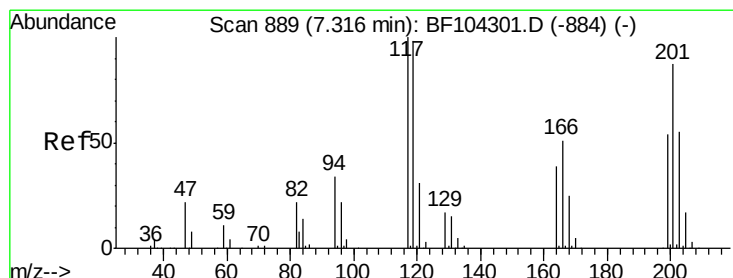
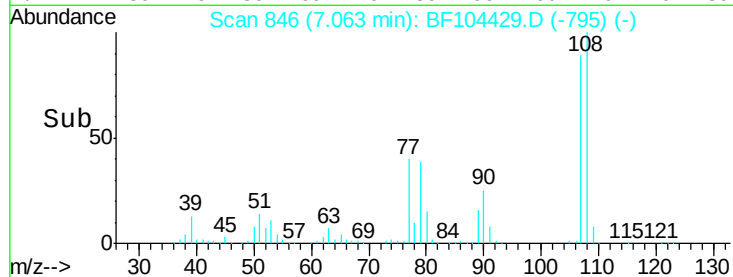
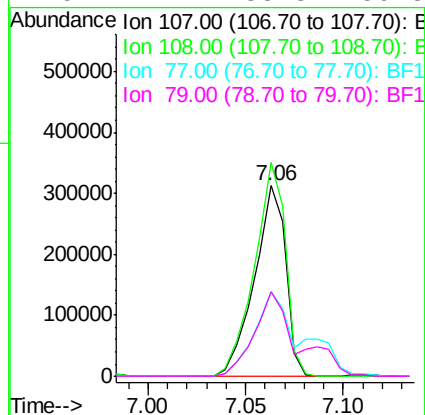
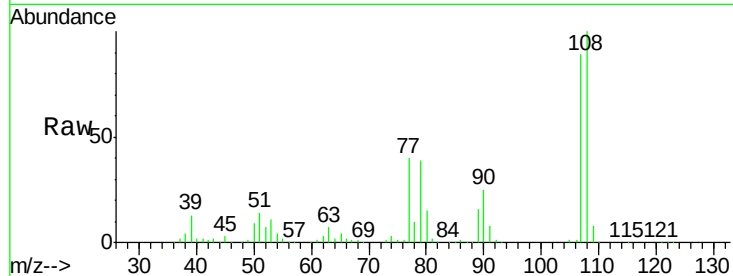
#17
2-Methylphenol
Concen: 40.153 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion:	107	Resp:	346832
Ion Ratio	Lower	Upper	
107	100		
108	112.1	91.7	137.5
77	44.5	33.8	50.8
79	44.1	33.8	50.8

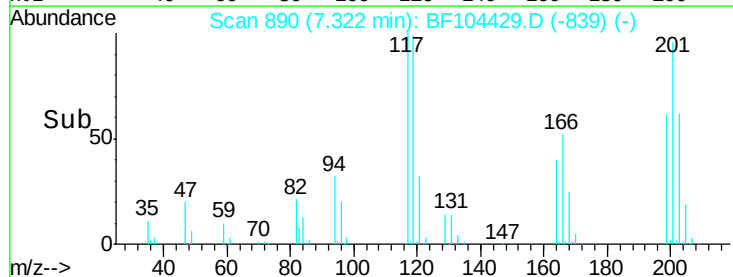
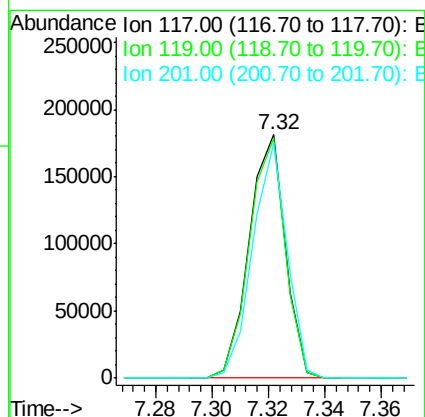
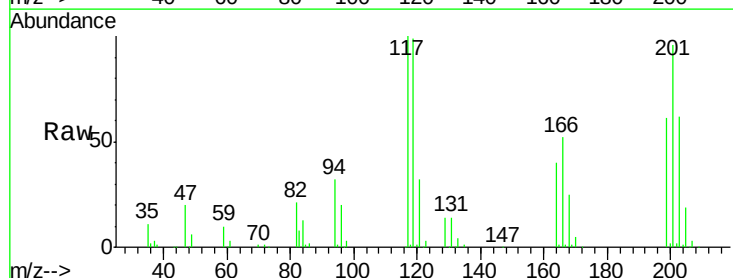
Manual Integrations
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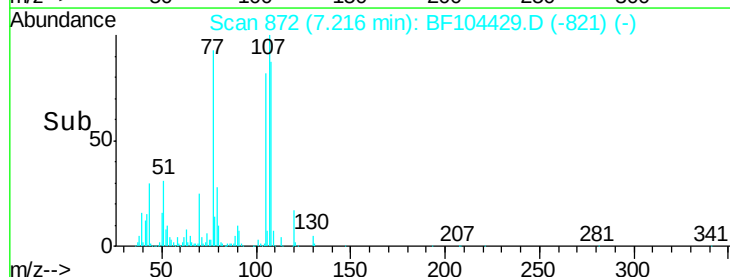
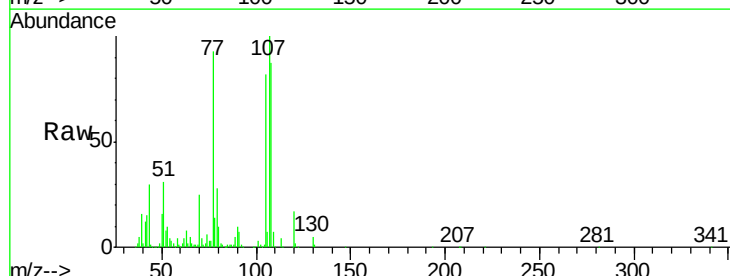
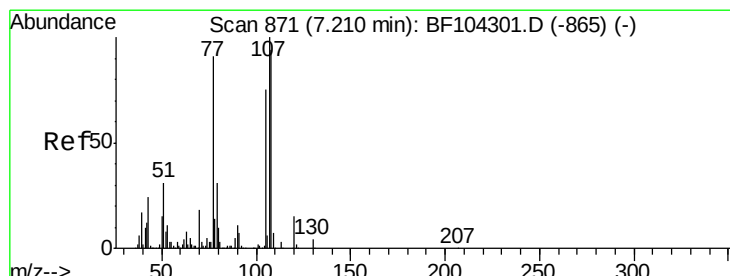
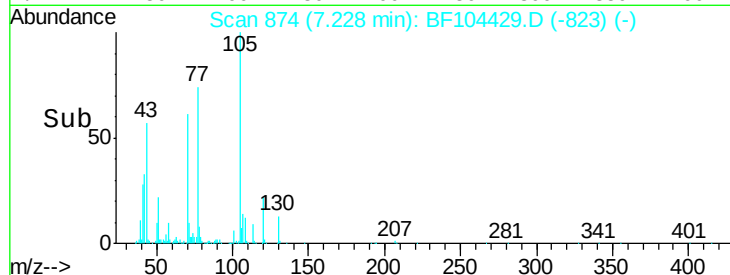
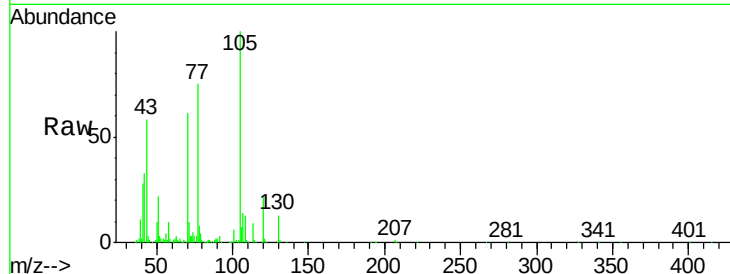
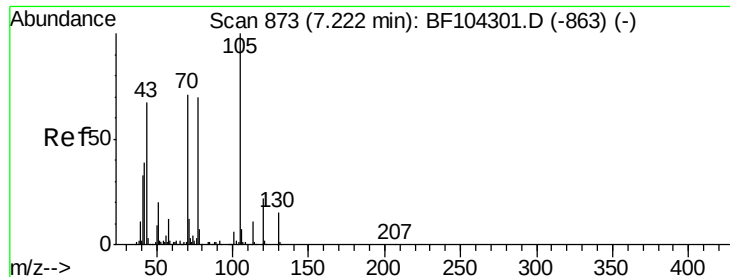
Sohil
4/12/2018 2:30:22 PM



#18
Hexachloroethane
Concen: 40.044 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

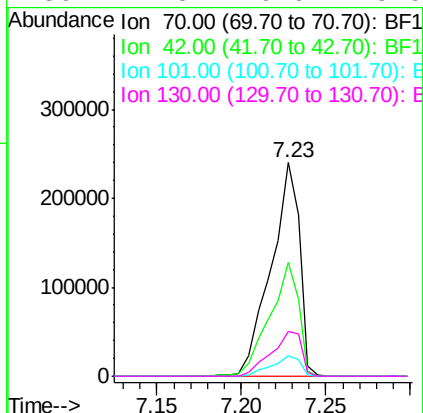
Tgt Ion:	117	Resp:	160214
Ion Ratio	Lower	Upper	
117	100		
119	98.6	75.8	113.8
201	96.5	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 37.428 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		282914		
42	53.4	47.5	71.3		
101	9.4	7.4	11.2		
130	21.3	16.6	25.0		



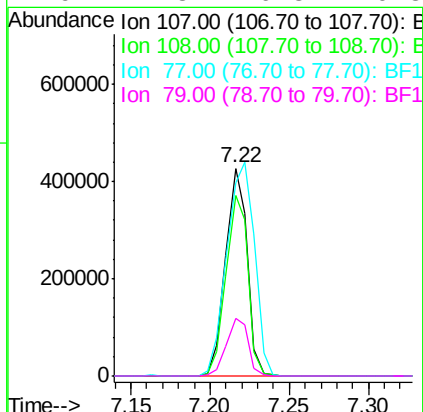
Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

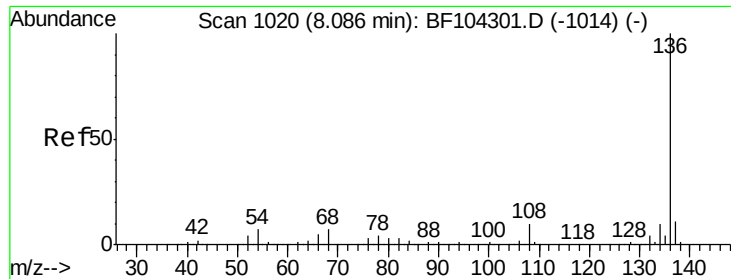
Manual Integrations
APPROVED

Sohil
4/12/2018 2:30:22 PM

#20
3+4-Methylphenols
Concen: 37.724 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		404125		
108	87.3	68.2	108.2		
77	93.1	26.7	66.7#		
79	27.8	6.3	46.3		





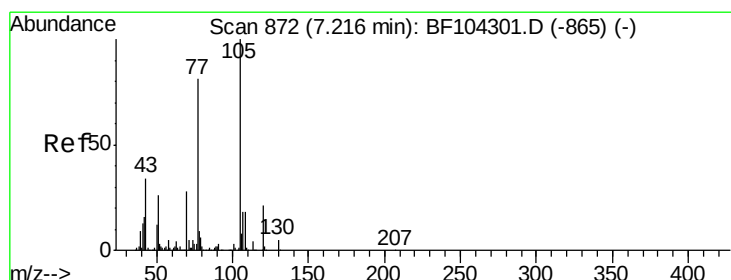
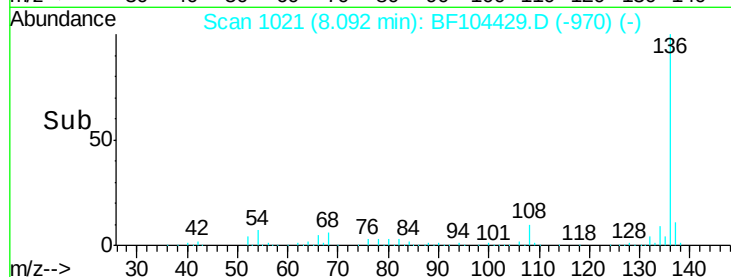
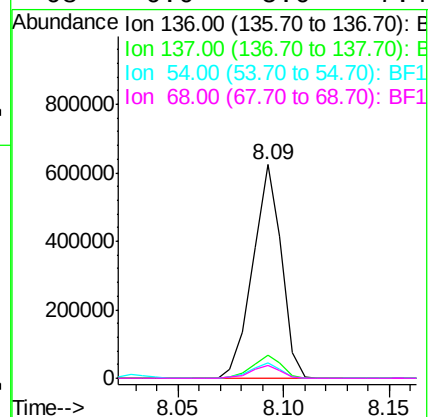
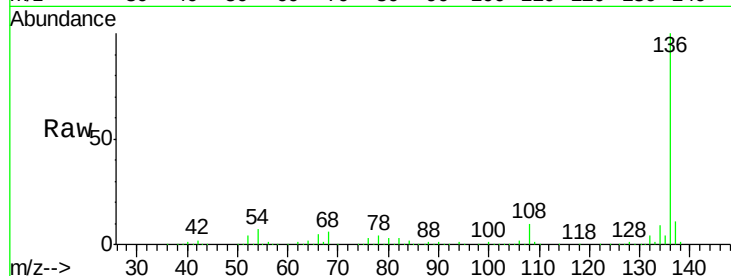
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	6.0	5.0	7.4

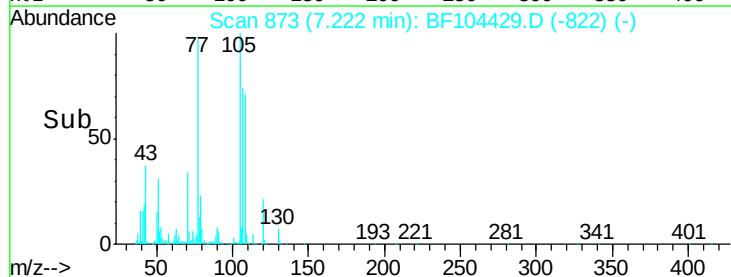
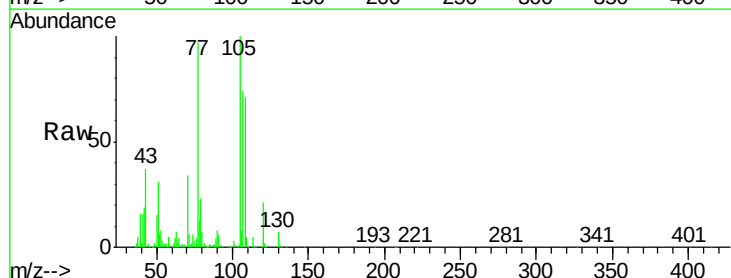
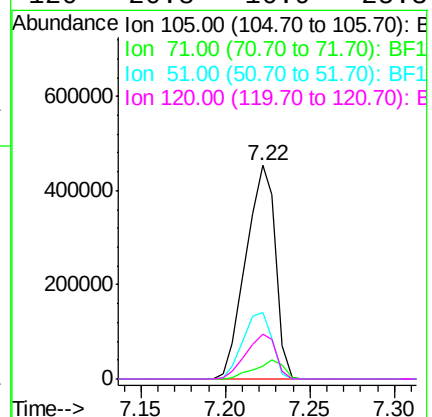
Manual Integrations
APPROVED

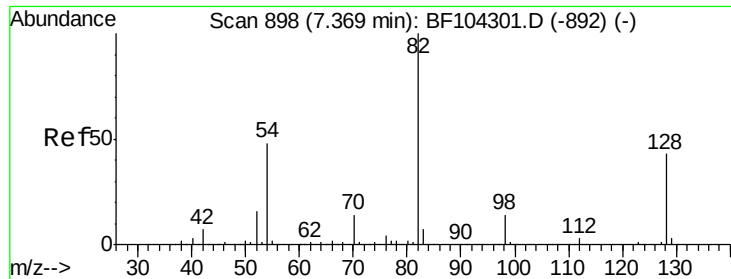
Sohil
4/12/2018 2:30:22 PM



#22
Acetophenone
Concen: 38.515 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.7	4.4	6.6
51	31.4	22.3	33.5
120	20.8	16.9	25.3





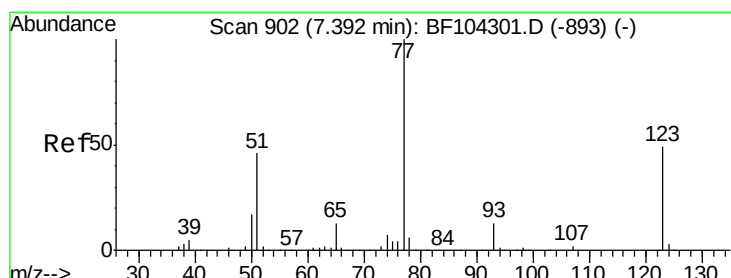
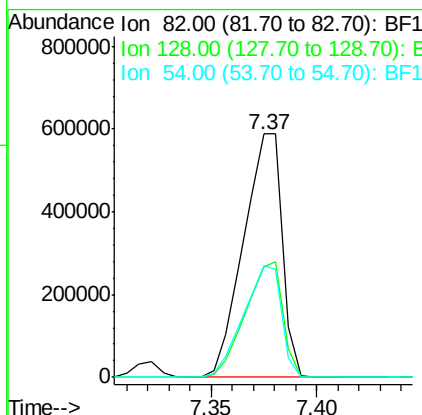
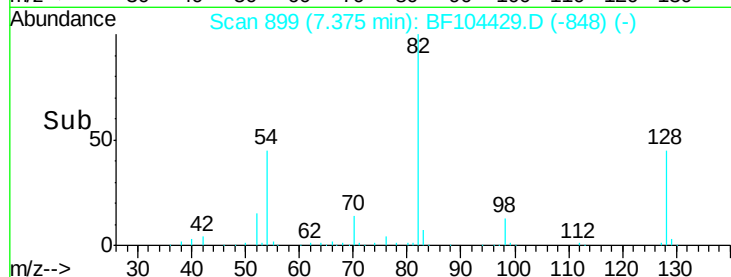
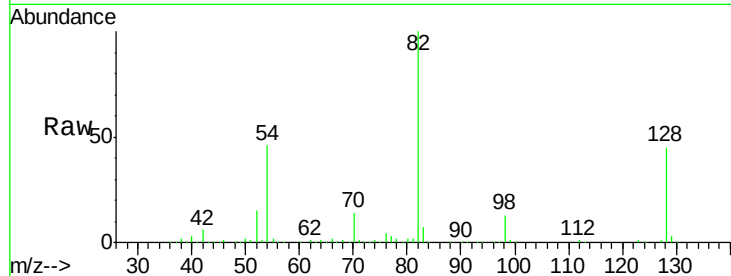
#23
Nitrobenzene-d5
Concen: 83.508 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.7	41.4	62.2

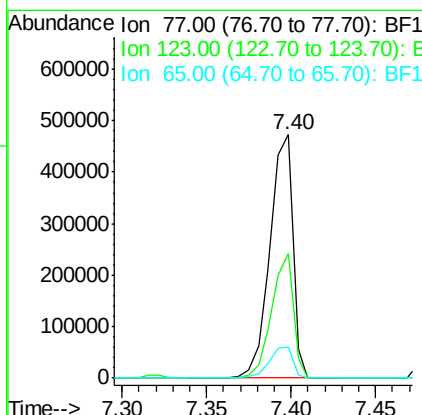
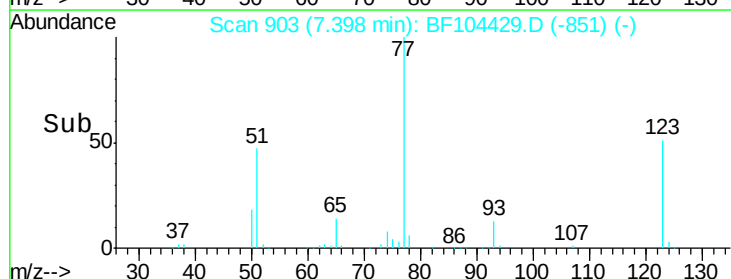
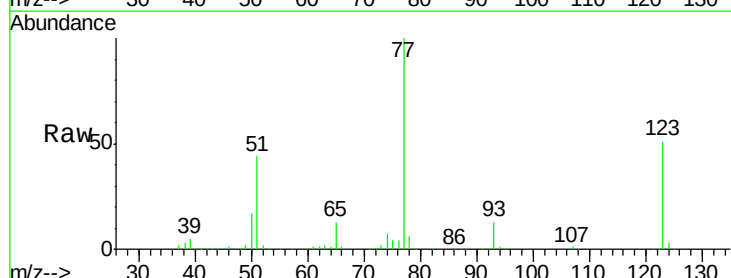
Manual Integrations
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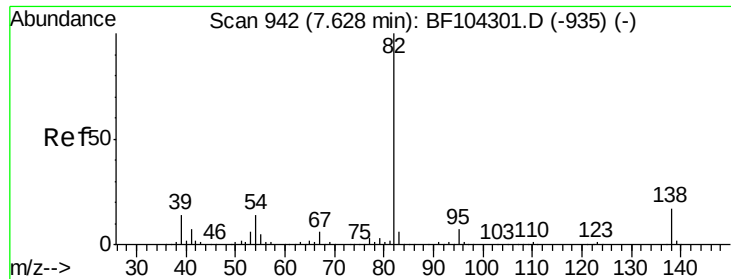
Sohil
4/12/2018 2:30:22 PM



#24
Nitrobenzene
Concen: 44.826 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 38.295 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

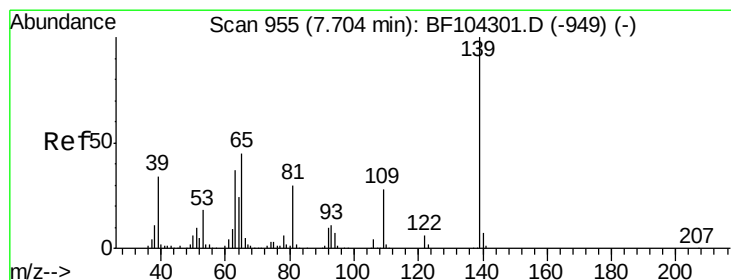
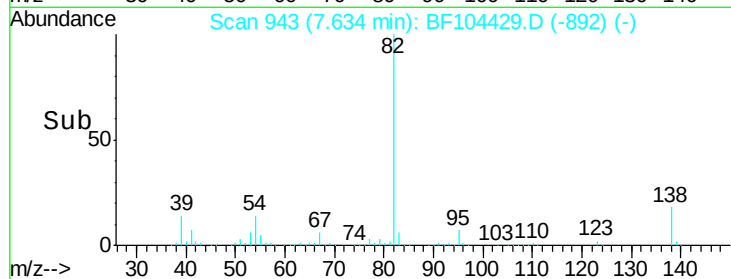
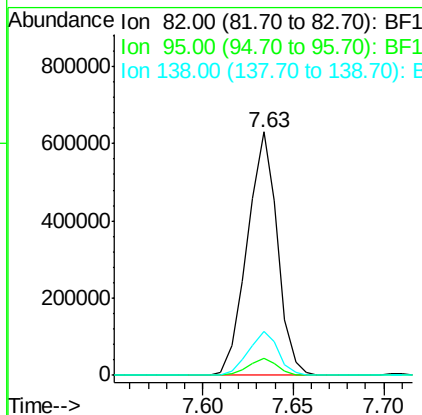
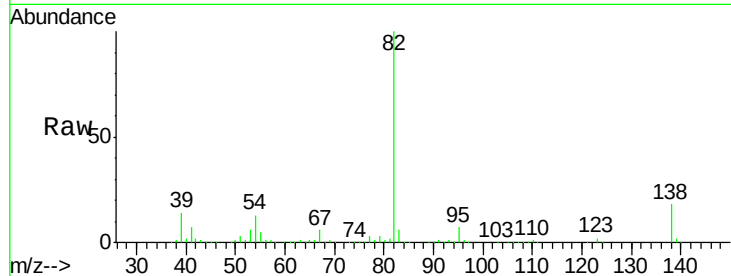
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	82	Resp:	726192
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.1	14.9	22.3

Manual Integrations
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4/12/2018 2:30:22 PM



#26

2-Nitrophenol

Concen: 58.525 ng

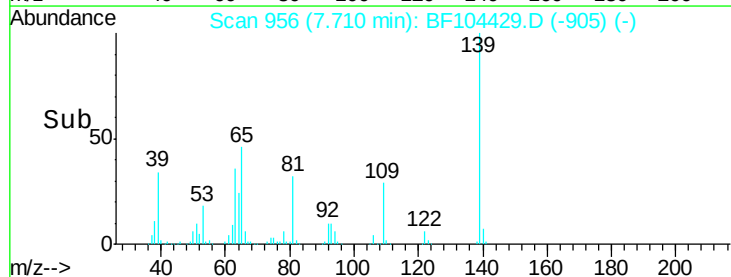
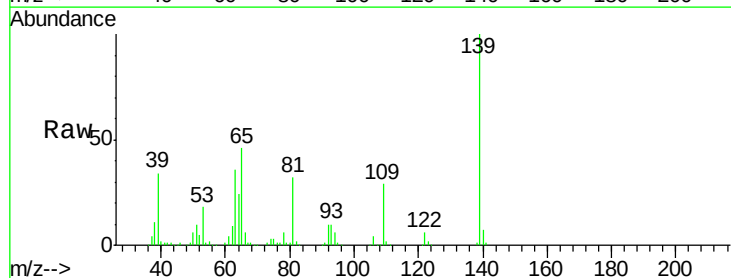
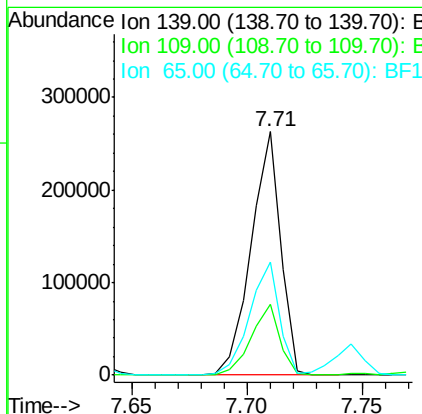
RT: 7.71 min Scan# 956

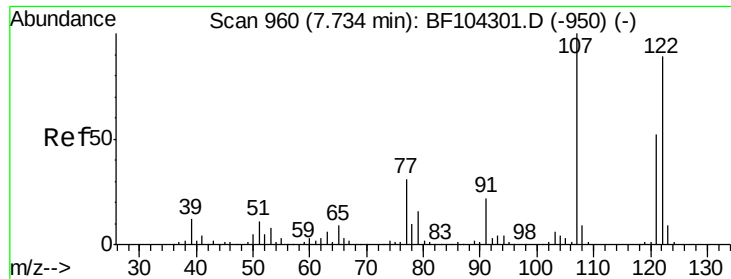
Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	139	Resp:	235893
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	46.2	40.5	60.7





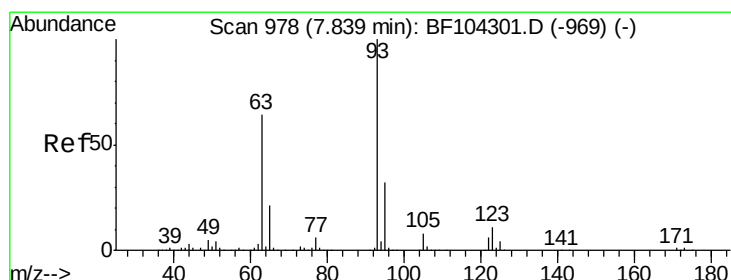
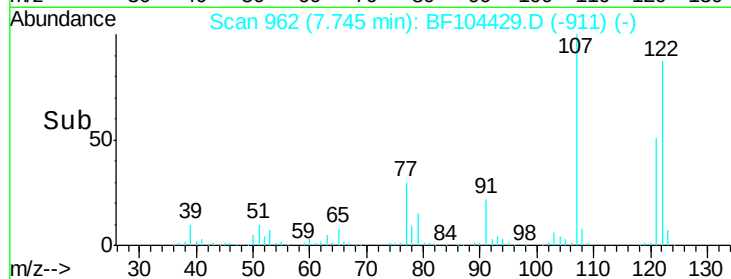
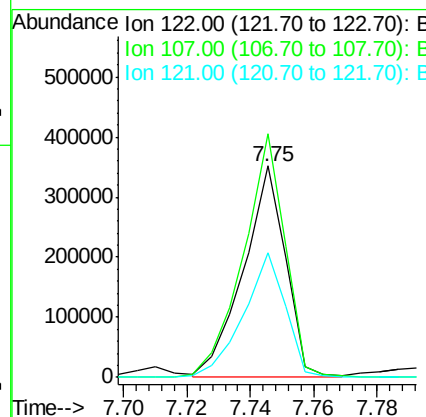
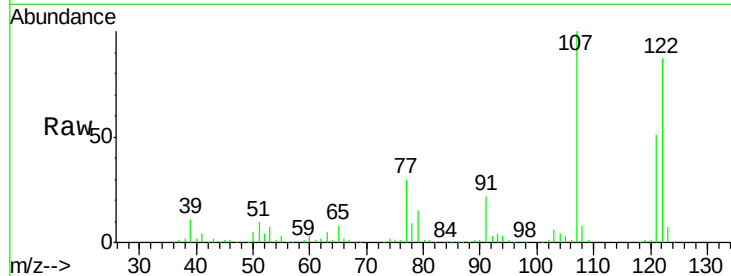
#27
 2,4-Dimethylphenol
 Concen: 38.821 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.2	136.8
121	59.0	47.2	70.8

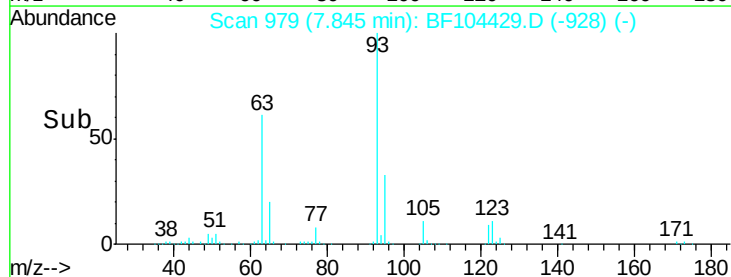
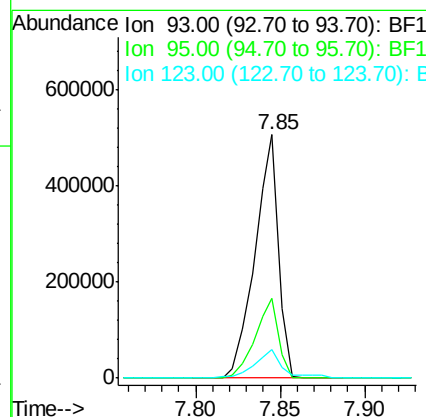
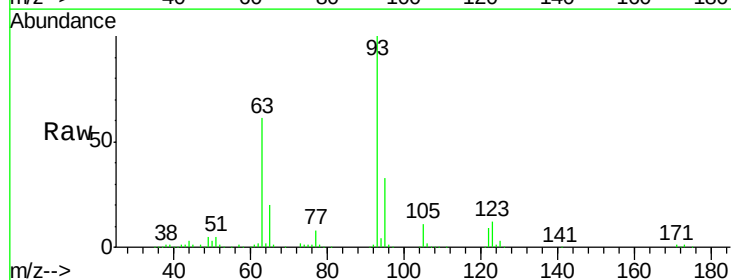
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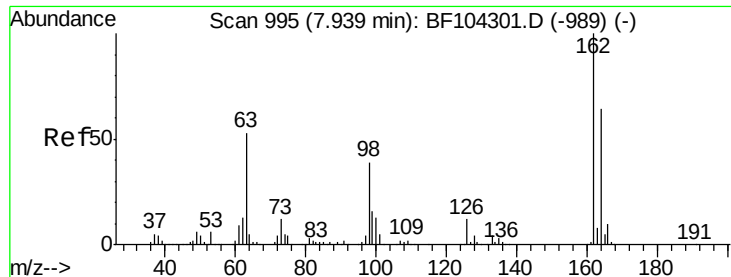
Sohil
 4/12/2018 2:30:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.280 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.6	9.8	14.6





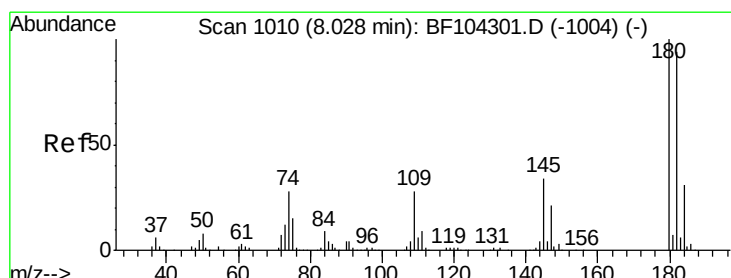
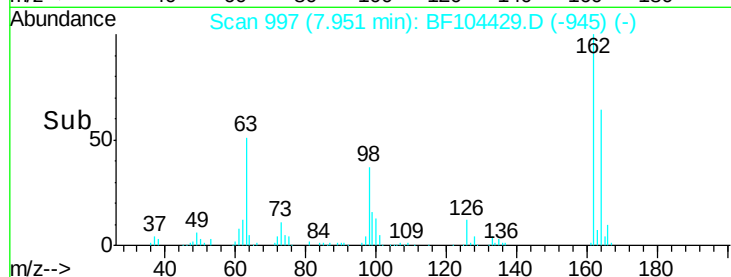
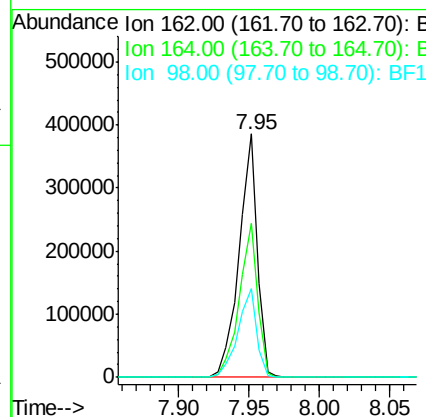
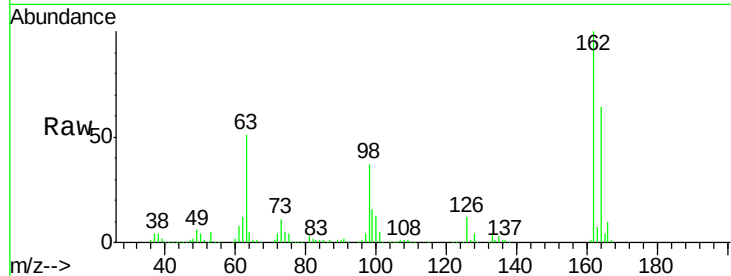
#29
2,4-Dichlorophenol
Concen: 43.442 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	346899		
164	63.5	42.7	82.7	
98	36.7	18.1	58.1	

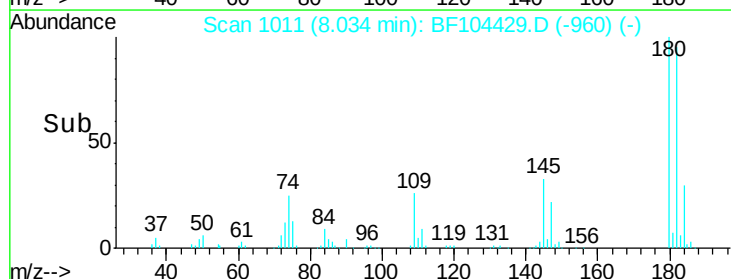
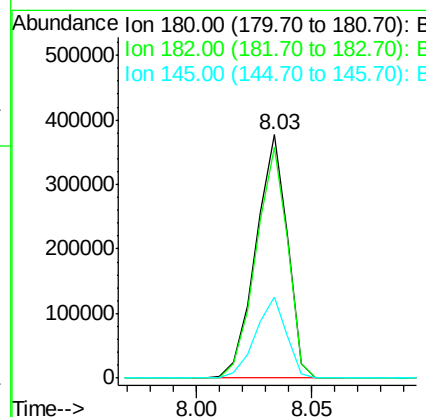
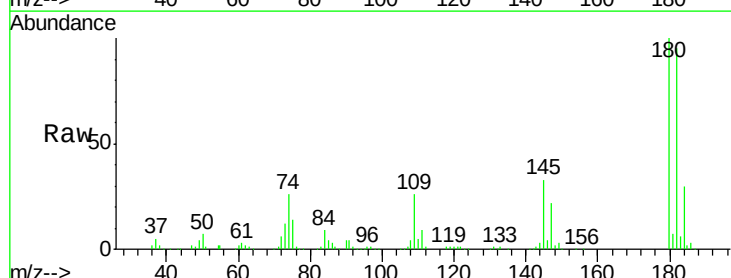
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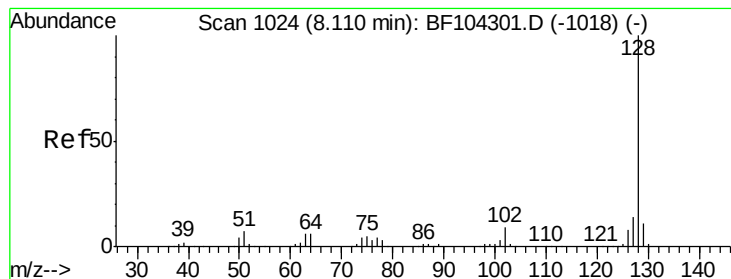
Sohil
4/12/2018 2:30:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.039 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359649		
182	95.1	76.8	115.2	
145	33.2	26.5	39.7	





#31

Naphthalene

Concen: 38.650 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

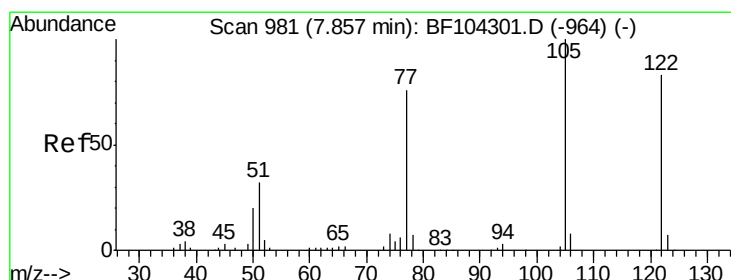
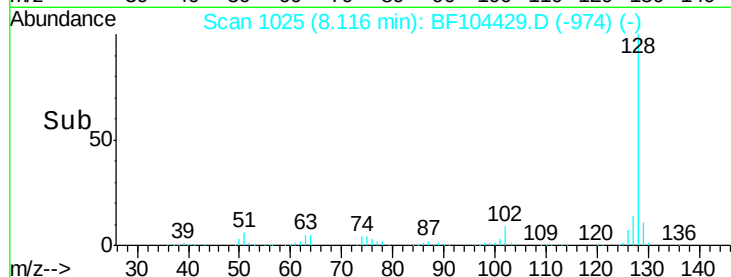
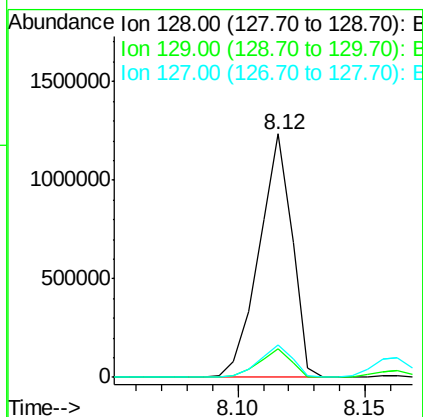
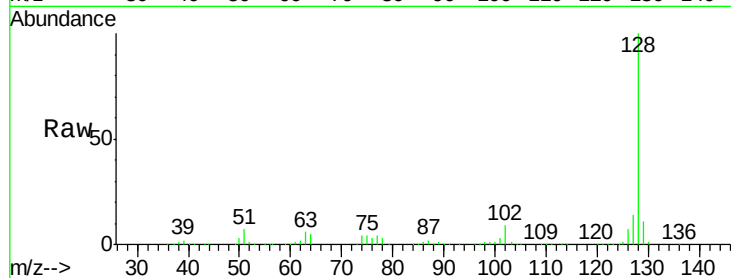
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	128	Resp:	1126946
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 34.378 ng

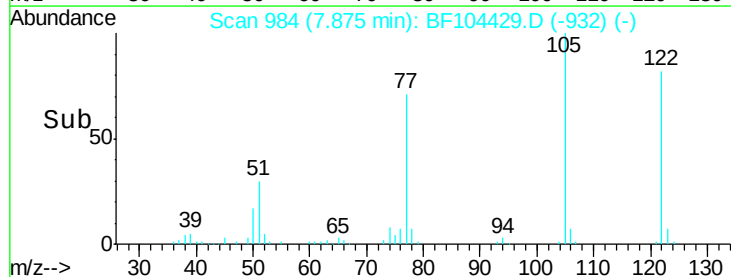
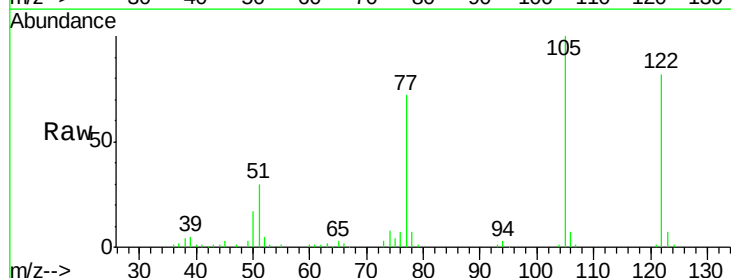
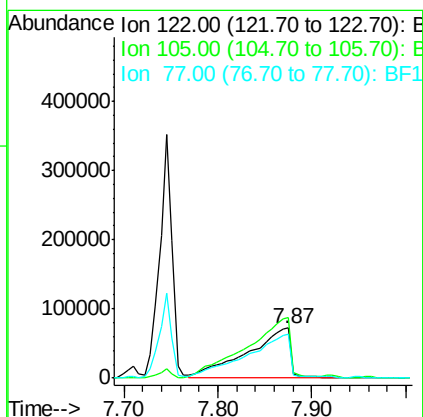
RT: 7.87 min Scan# 984

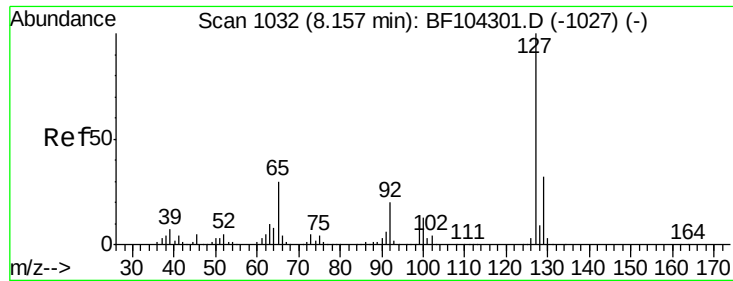
Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	122	Resp:	229562
Ion	Ratio	Lower	Upper
122	100		
105	121.6	101.1	141.1
77	87.2	70.7	110.7





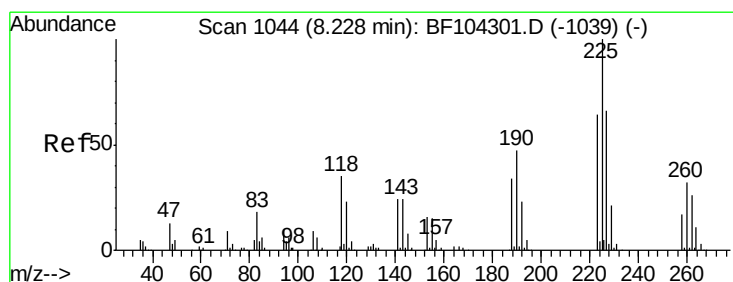
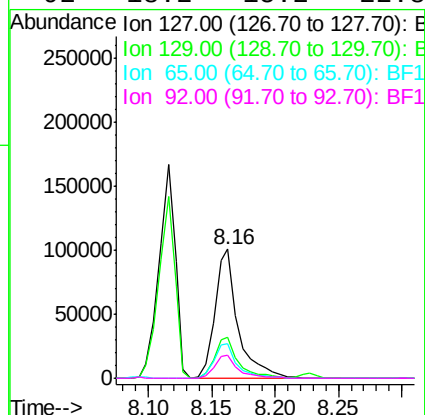
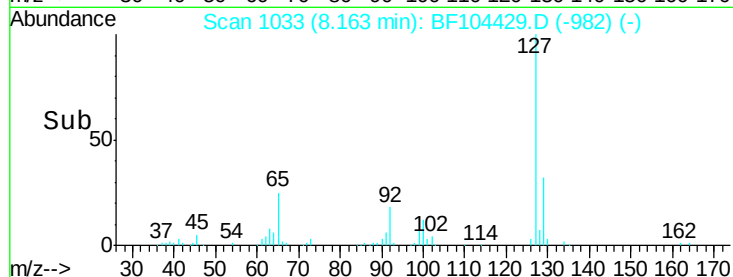
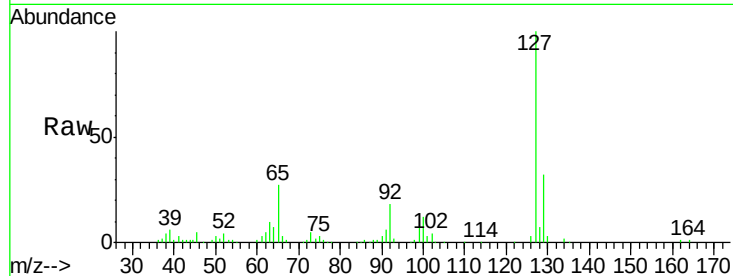
#33
4-Chloroaniline
Concen: 10.279 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	27.2	25.0	37.4		
92	18.2	15.2	22.8		

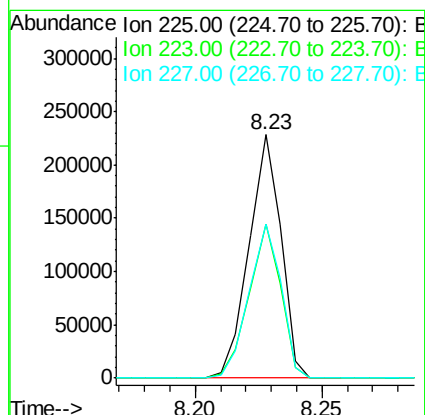
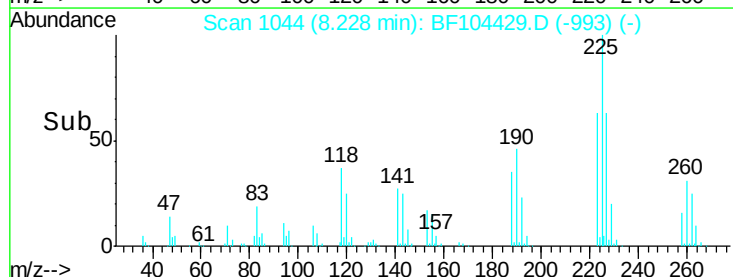
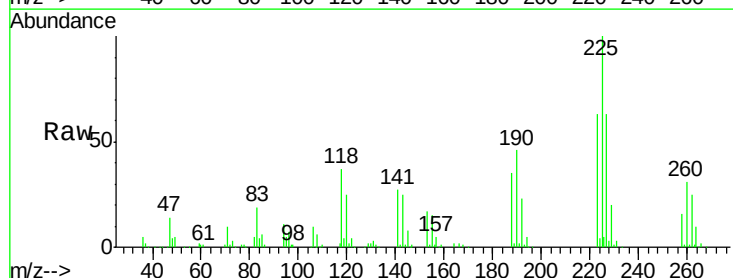
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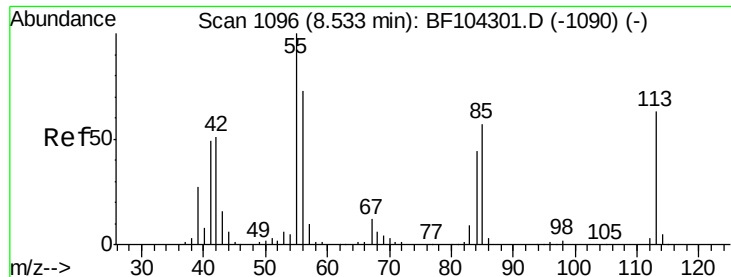
Sohil
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#34
Hexachlorobutadiene
Concen: 41.985 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.6	76.0		
227	63.0	51.9	77.9		





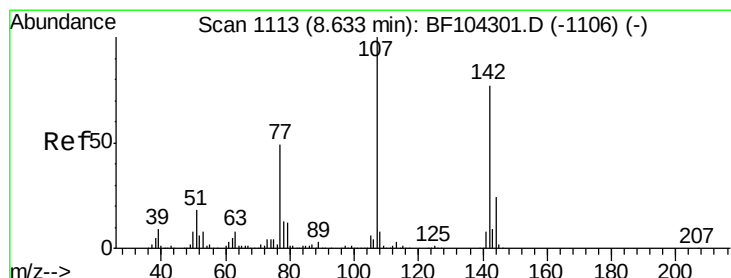
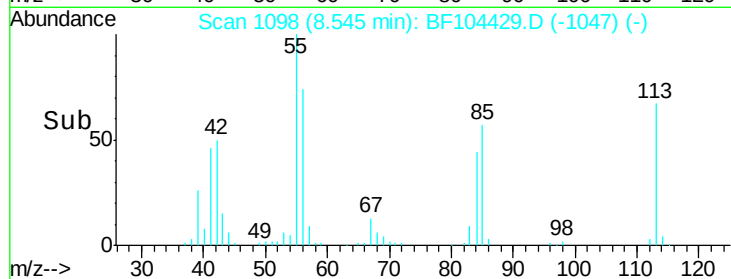
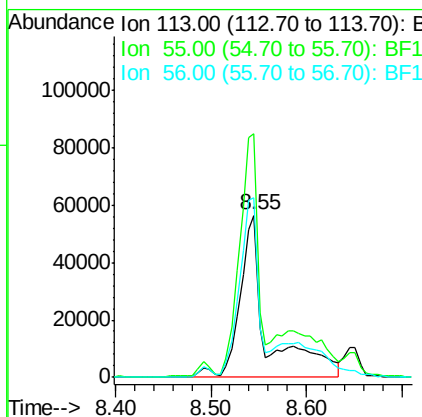
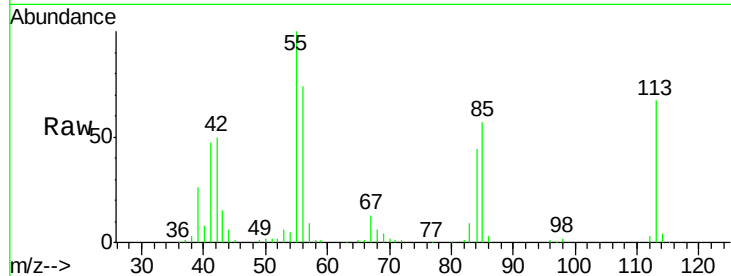
#35
 Caprolactam
 Concen: 40.422 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion: 113 Resp: 112602
 Ion Ratio Lower Upper
 113 100
 55 150.2 163.3 203.3#
 56 111.0 115.7 155.7#

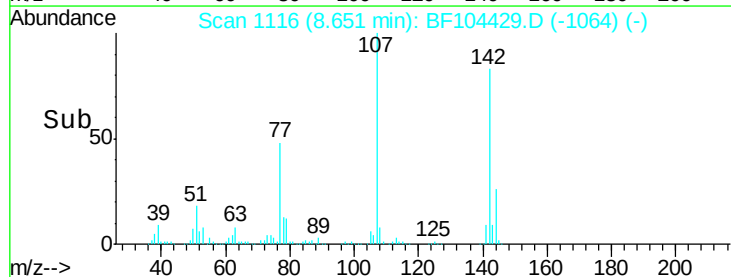
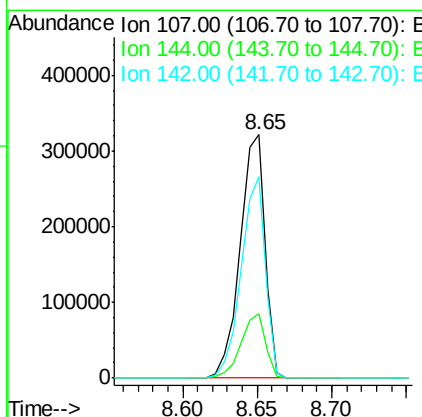
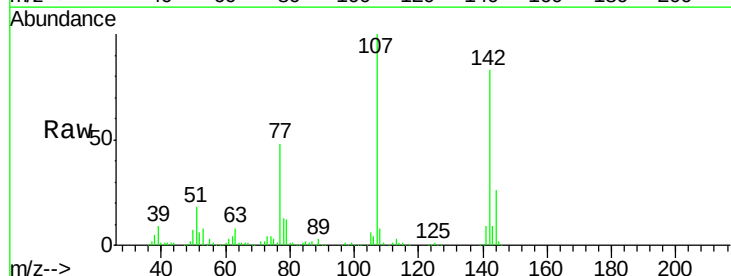
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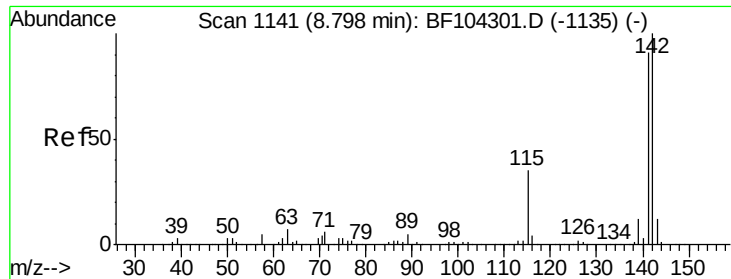
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#36
 4-Chloro-3-methylphenol
 Concen: 43.614 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion: 107 Resp: 373436
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 82.9 62.0 93.0





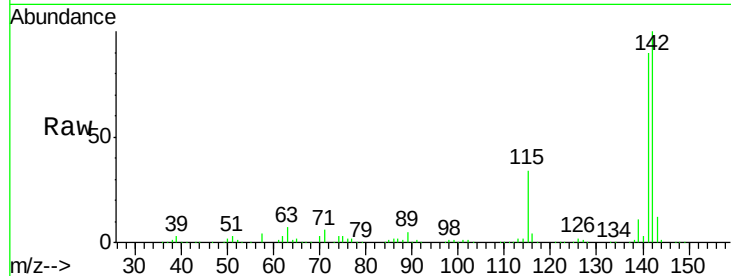
#37
2-Methylnaphthalene
Concen: 38.492 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

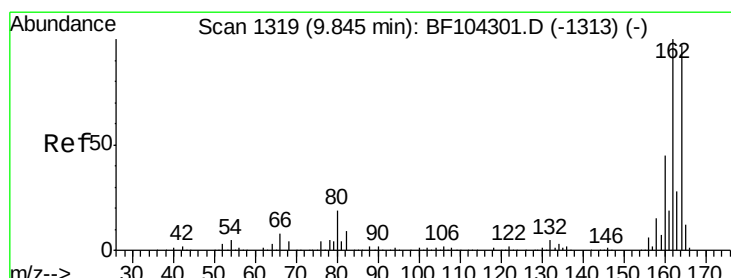
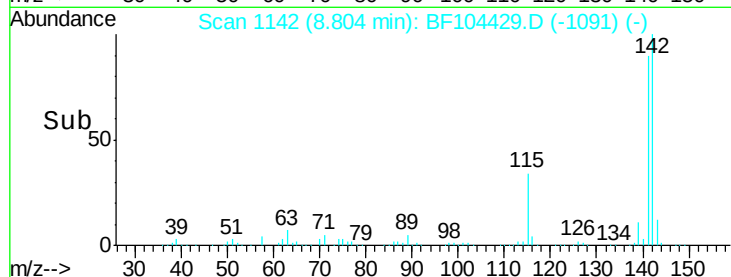
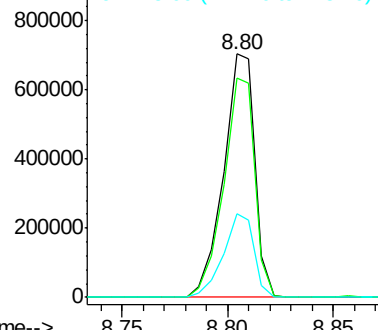
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.4	26.1	39.1

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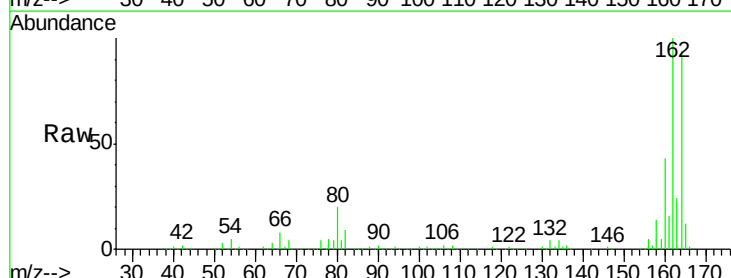


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

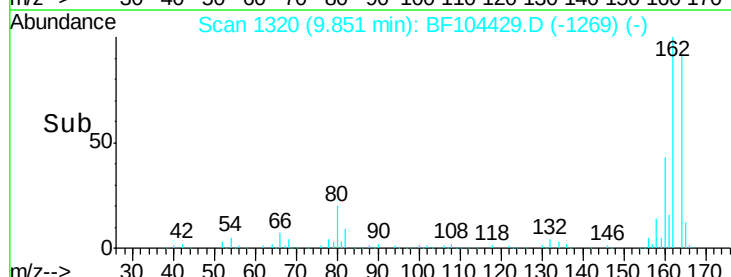
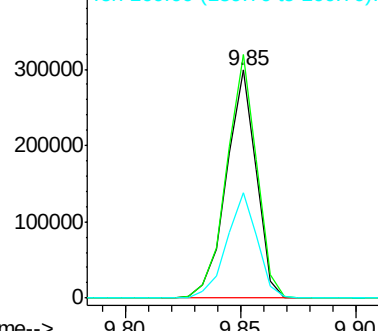


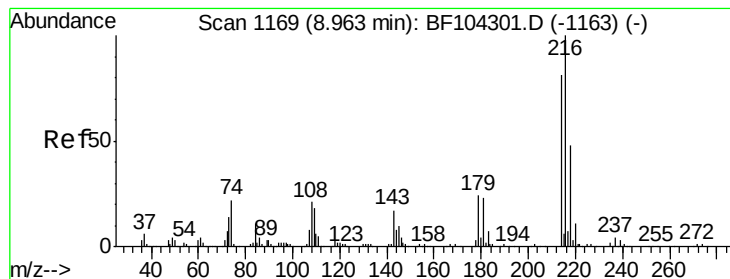
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.3	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: 40.882 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

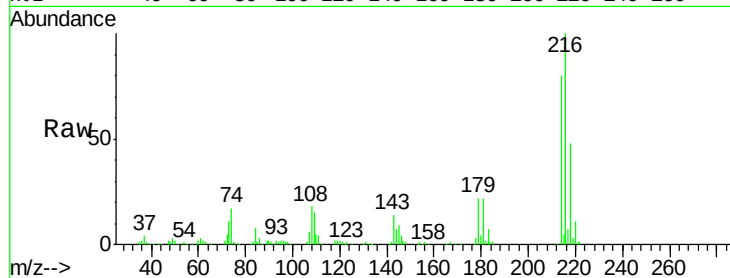
ClientSampleId :

EPE-L-6(0-5)MS

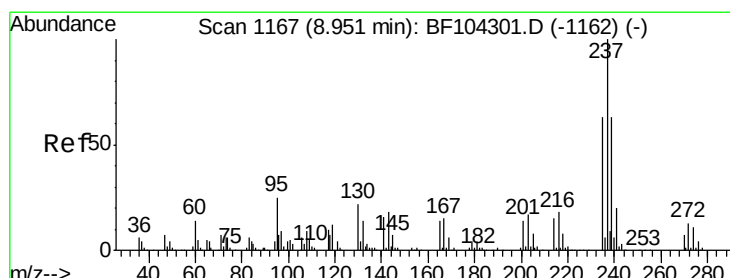
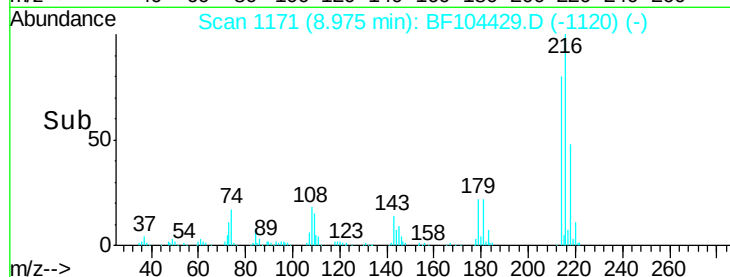
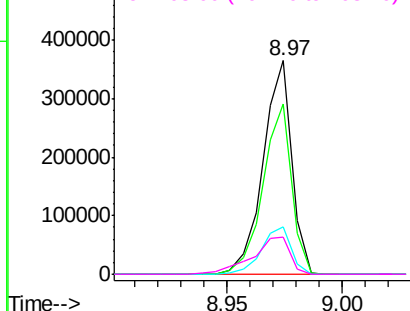
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		316390		
214	79.6		63.0	94.4	
179	22.8		18.1	27.1	
108	23.0		17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 82.146 ng

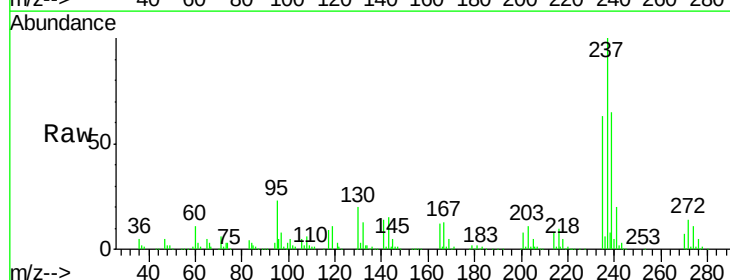
RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

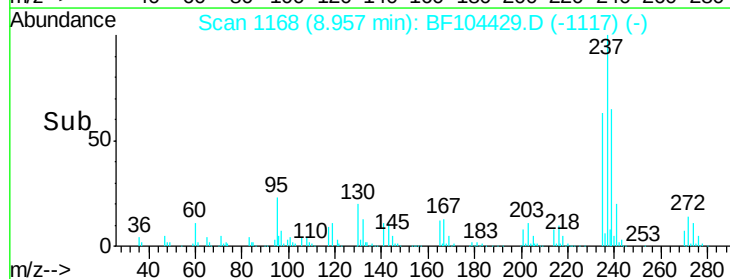
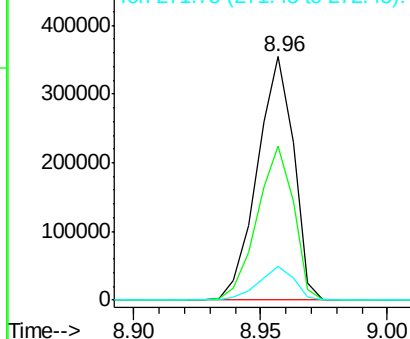
Lab File: BF104429.D

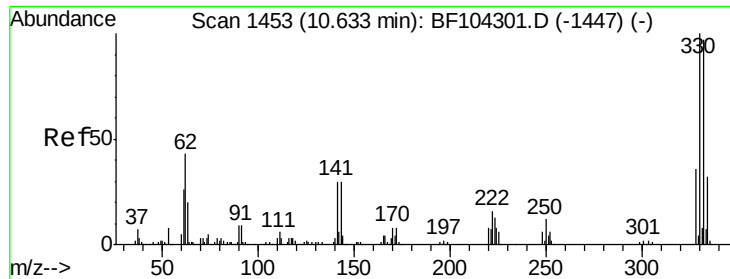
Acq: 11 Apr 2018 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		355905		
235	63.1		44.8	84.8	
272	13.7		0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 116.744 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

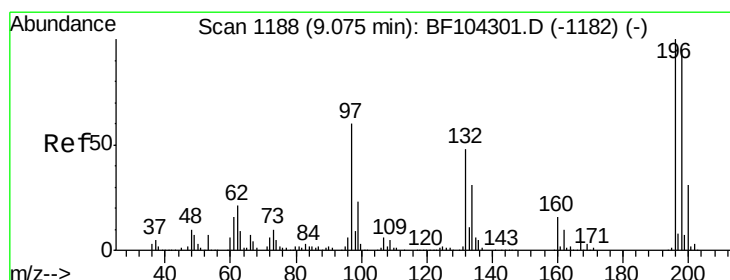
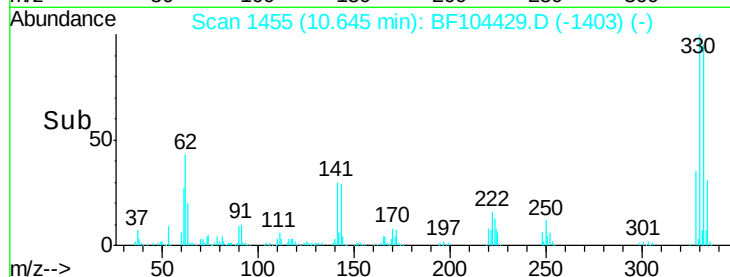
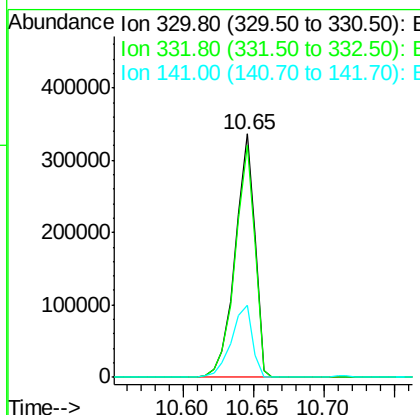
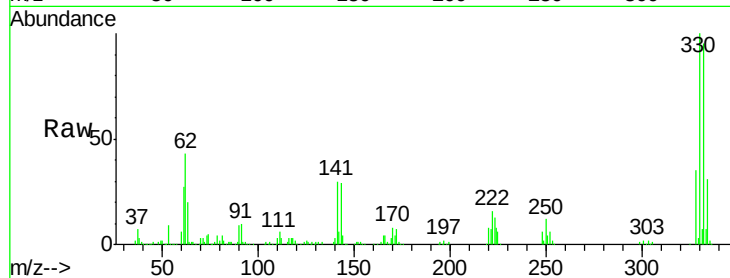
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	330	Resp:	327401
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.0	115.6
141	31.8	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 46.510 ng

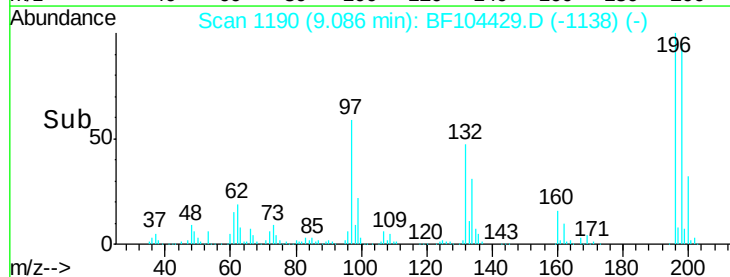
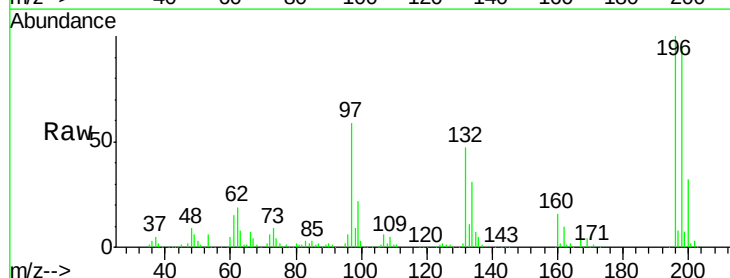
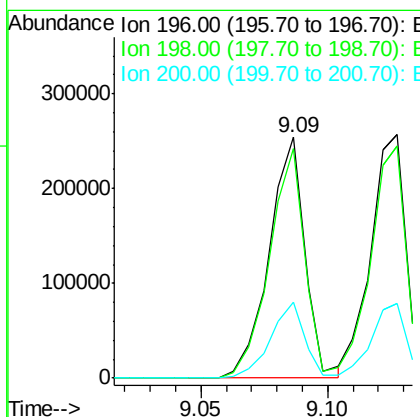
RT: 9.09 min Scan# 1190

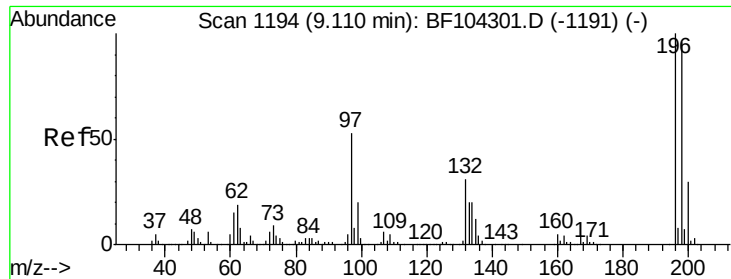
Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	196	Resp:	249864
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
200	31.6	24.5	36.7





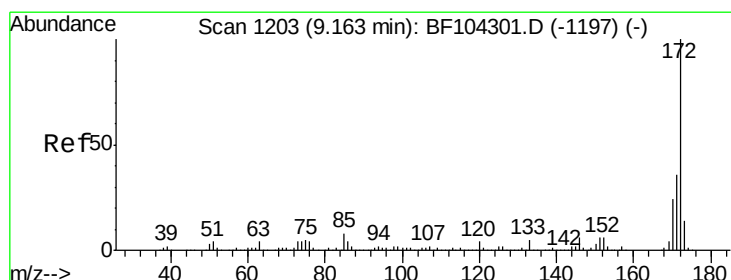
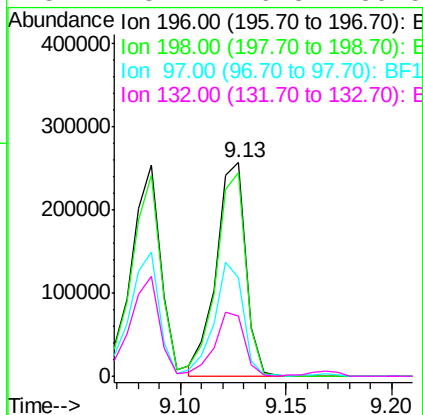
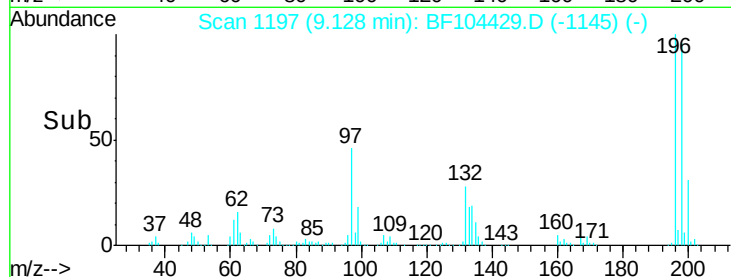
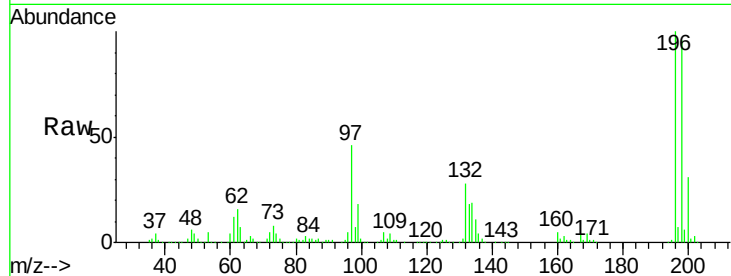
#43
 2,4,5-Trichlorophenol
 Concen: 41.600 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		250093		
198	95.6	74.6	112.0		
97	45.9	42.9	64.3		
132	28.2	26.3	39.5		

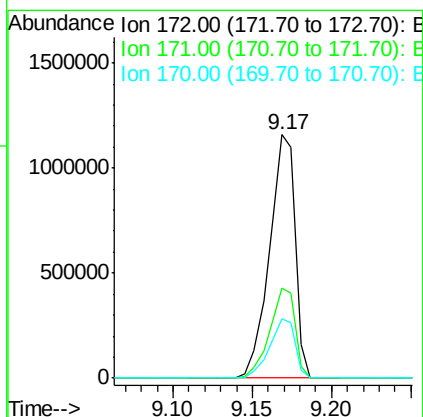
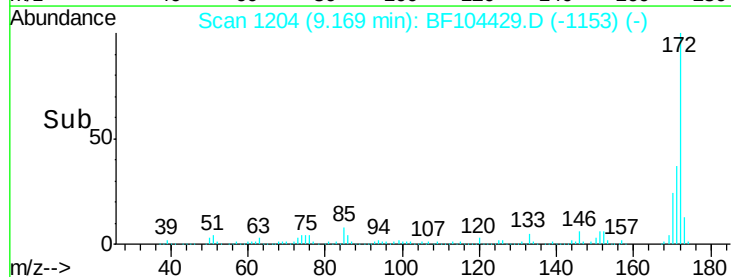
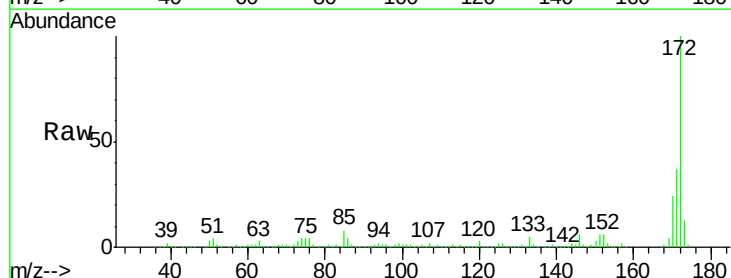
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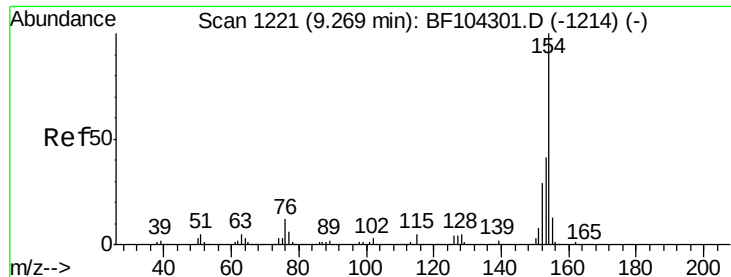
Sohil
 4/12/2018 2:30:22 PM



#44
 2-Fluorobiphenyl
 Concen: 76.218 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1304361		
171	36.8	29.7	44.5		
170	24.1	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 40.459 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

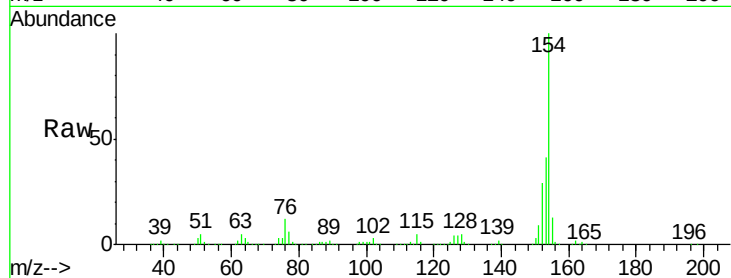
ClientSampled :

EPE-L-6(0-5)MS

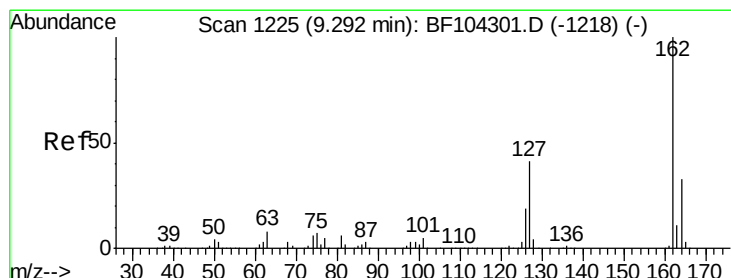
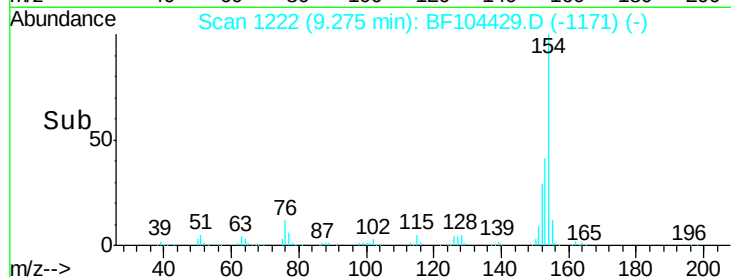
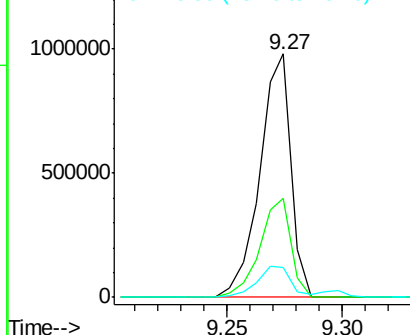
Tot Ion:	154	Resp:	918879
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	12.3	0.0	34.0

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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: 41.496 ng

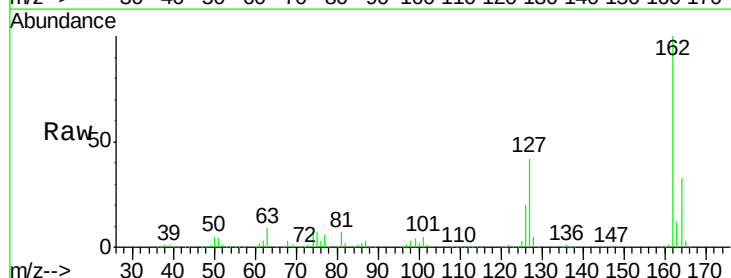
RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

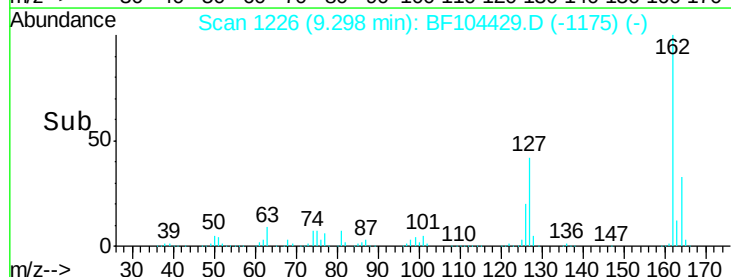
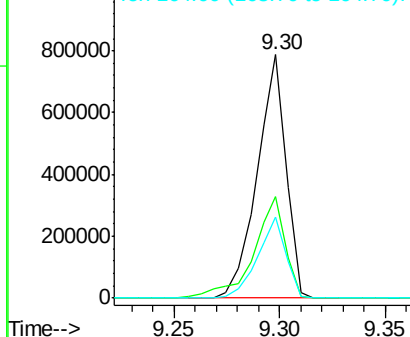
Lab File: BF104429.D

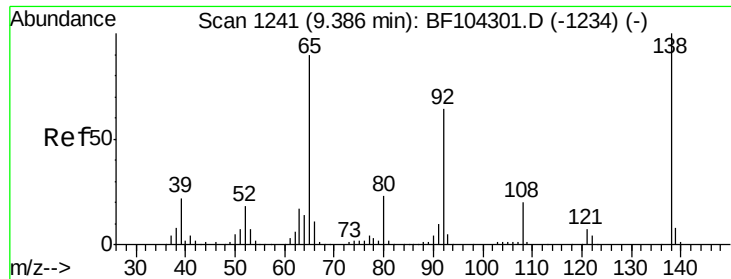
Acq: 11 Apr 2018 10:51

Tgt Ion:	162	Resp:	744399
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	33.1	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





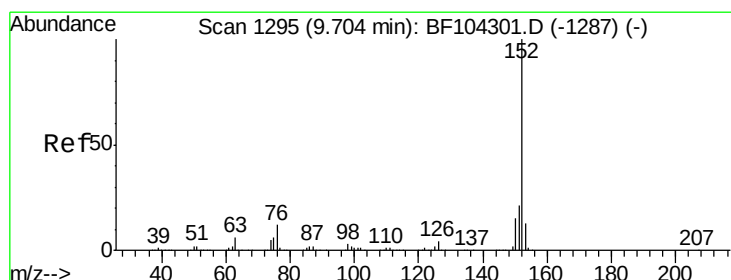
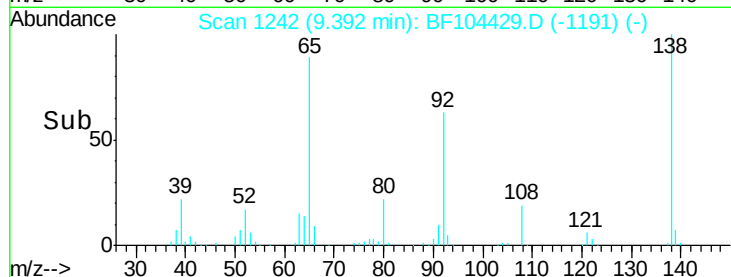
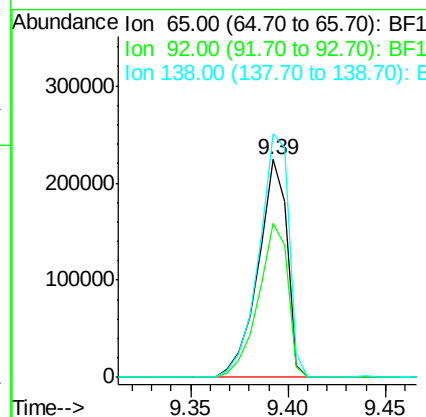
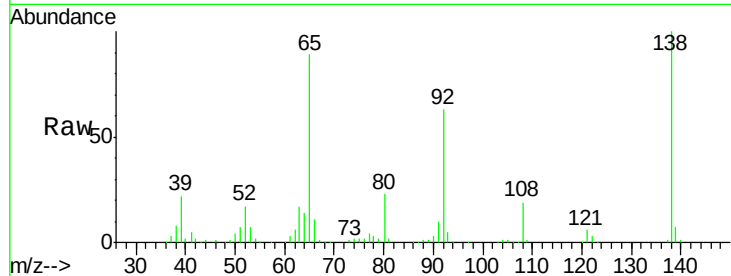
#47
2-Nitroaniline
Concen: 51.722 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	111.9	91.2	136.8

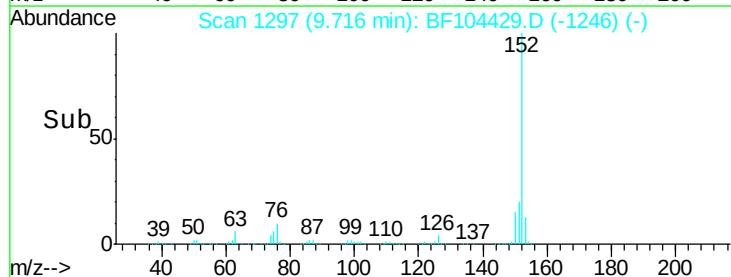
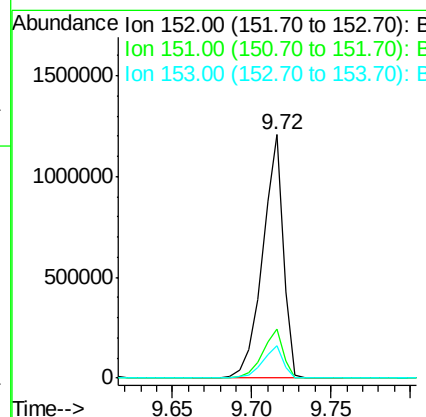
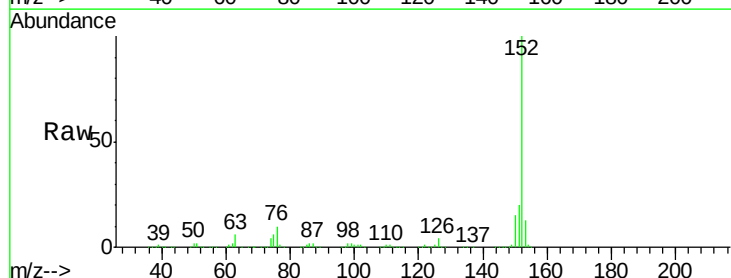
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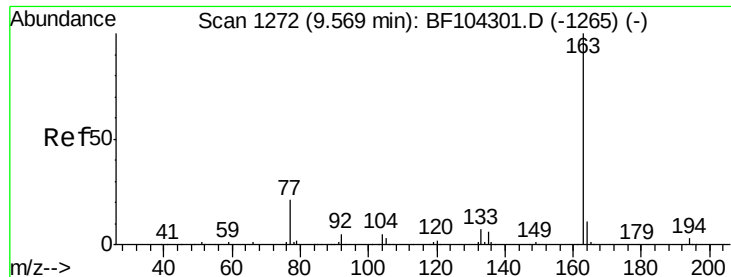
Sohil
4/12/2018 2:30:22 PM



#48
Acenaphthylene
Concen: 39.002 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1





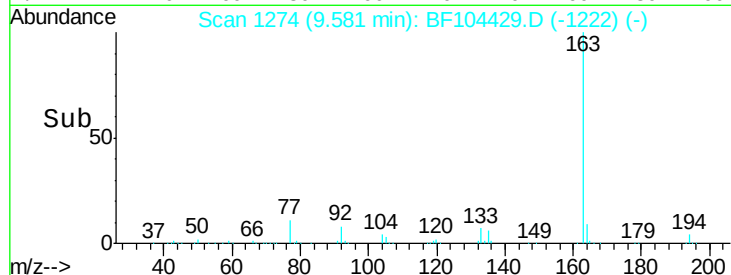
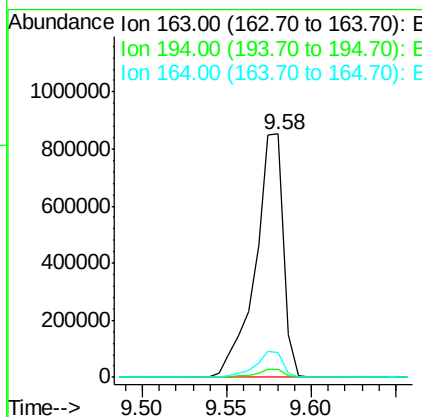
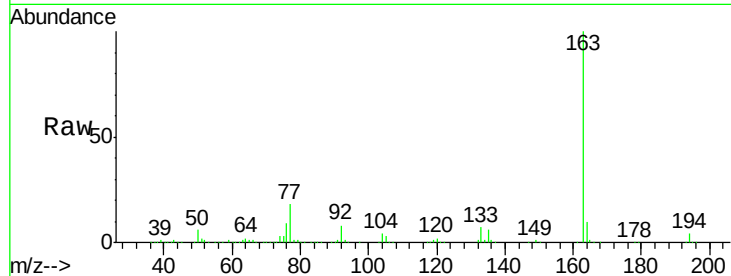
#49
Dimethylphthalate
Concen: 46.262 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	

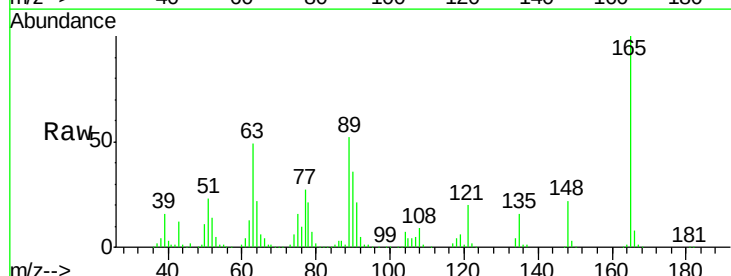
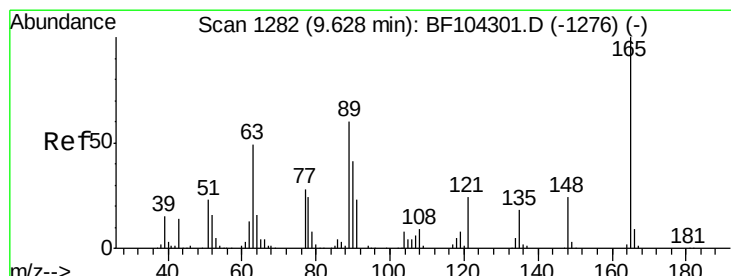
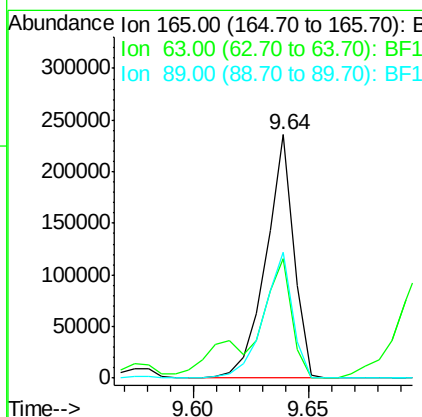
Manual Integrations
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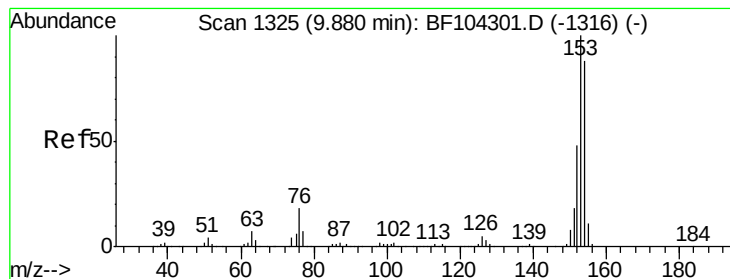
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.149 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.3	44.7	67.1	
89	51.6	44.0	66.0	





#51

Acenaphthene

Concen: 37.916 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

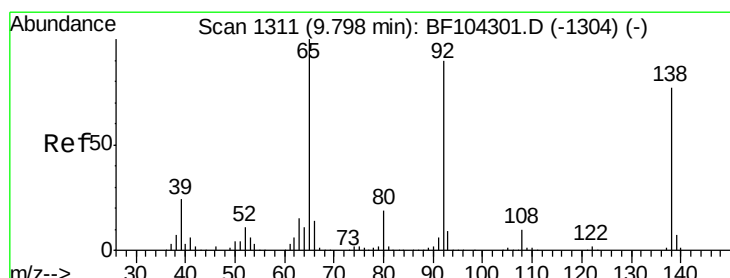
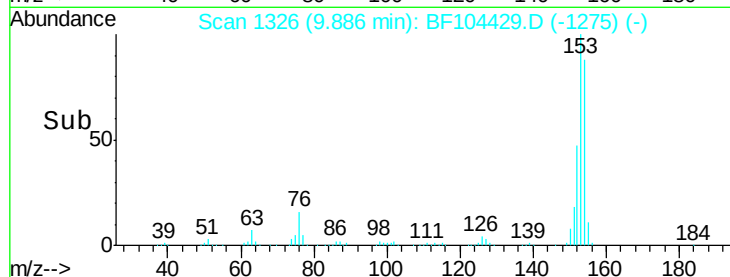
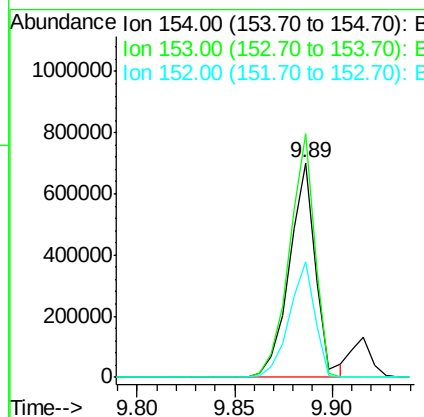
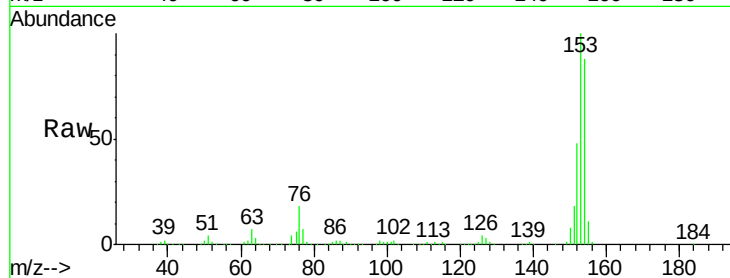
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	154	Resp:	651119
Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	53.9	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.275 ng

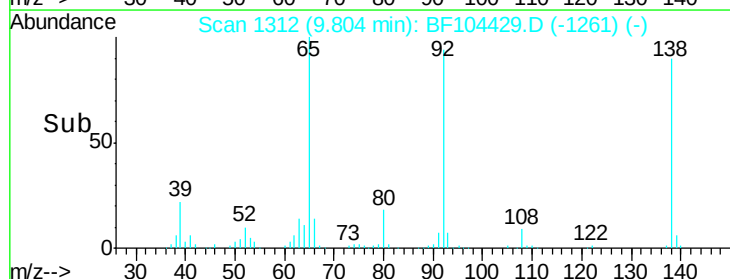
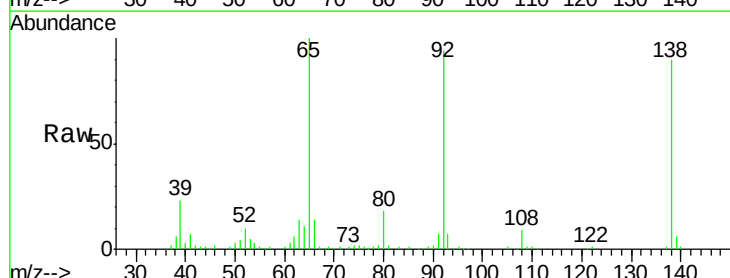
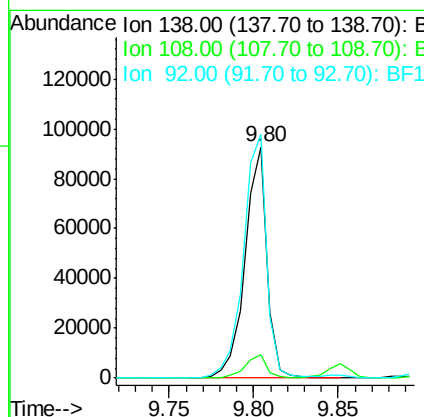
RT: 9.80 min Scan# 1312

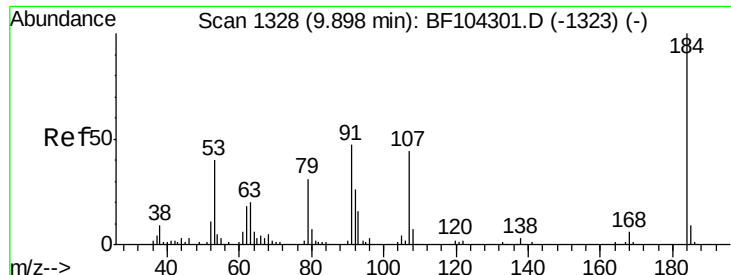
Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	138	Resp:	84400
Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	105.3	89.4	134.2





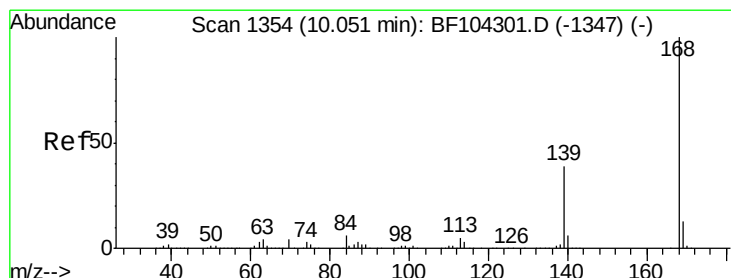
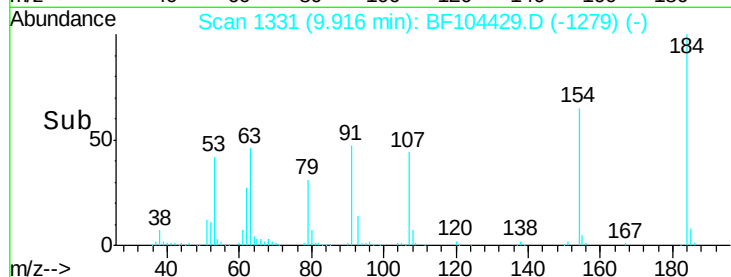
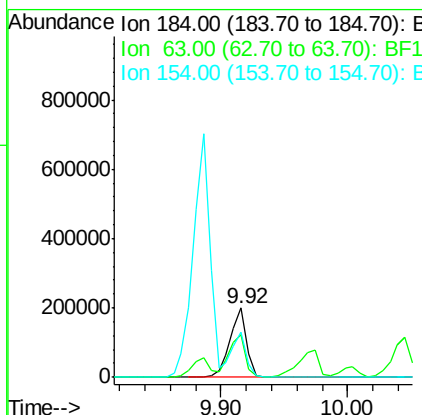
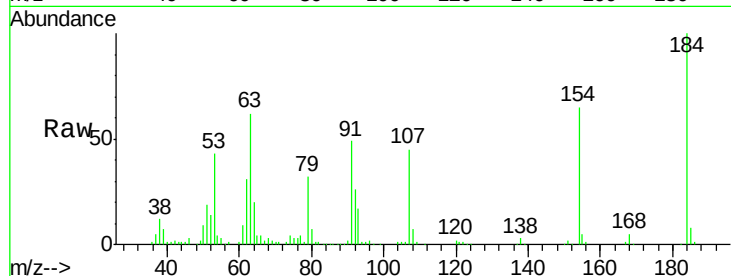
#53
 2,4-Dinitrophenol
 Concen: 99.495 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	181201		
63	61.8	54.2	81.2	
154	65.2	184.0	276.0	

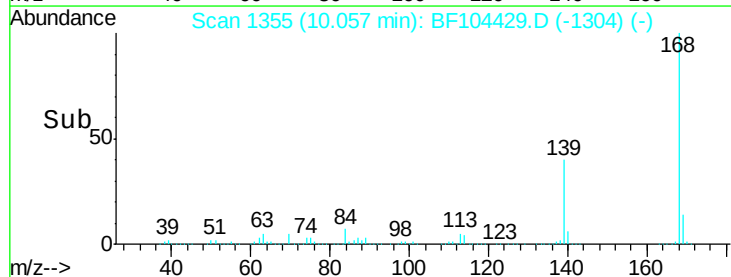
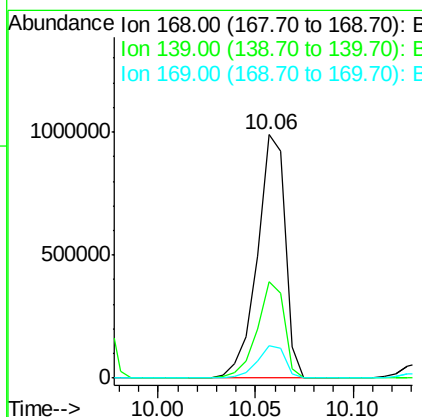
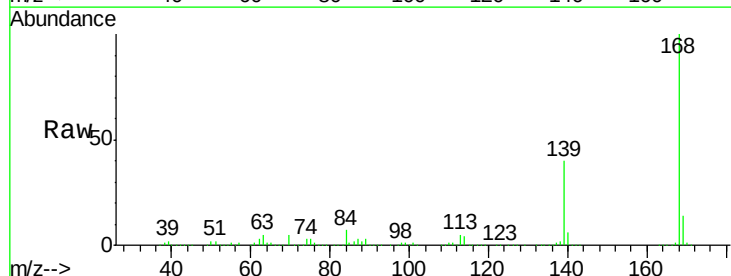
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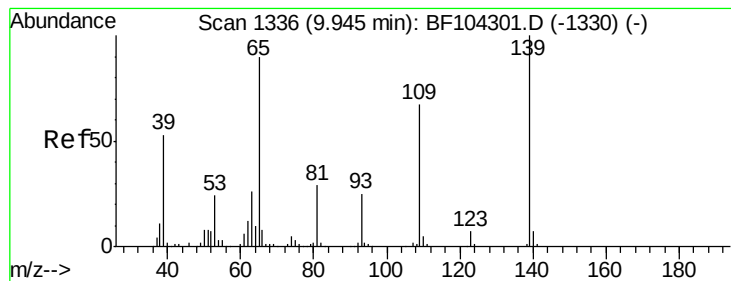
Sohil
 4/12/2018 2:30:22 PM



#54
 Dibenzofuran
 Concen: 40.923 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	979364		
139	39.6	30.1	45.1	
169	13.6	10.9	16.3	





#55

4-Nitrophenol

Concen: 92.873 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

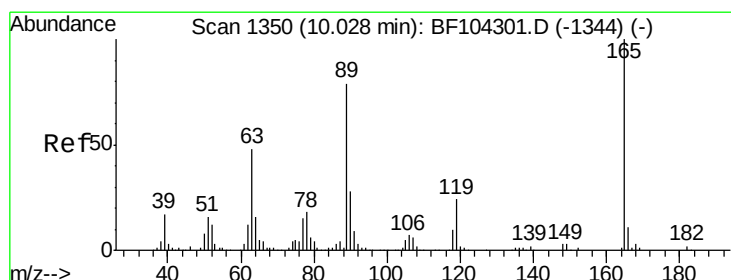
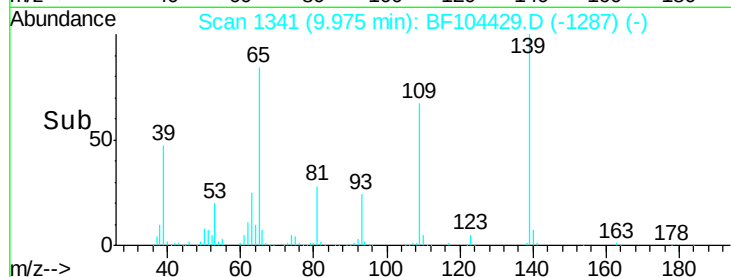
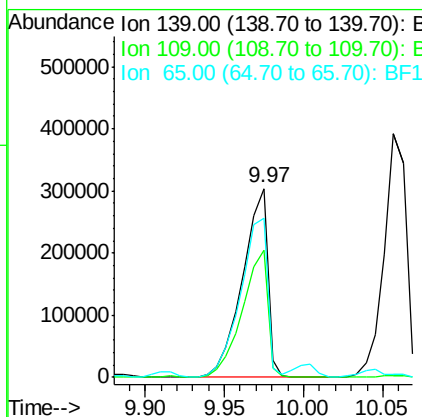
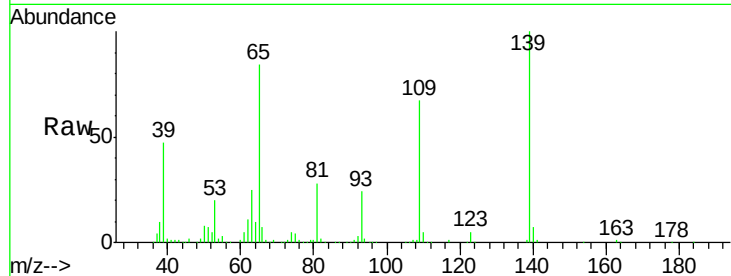
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	139	Resp:	336929
Ion Ratio	Lower	Upper	
139	100		
109	67.4	48.4	88.4
65	84.5	72.6	112.6

Manual Integrations
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4/12/2018 2:30:22 PM



#56

2,4-Dinitrotoluene

Concen: 48.384 ng

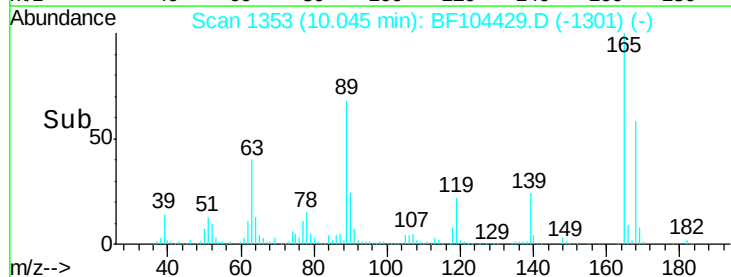
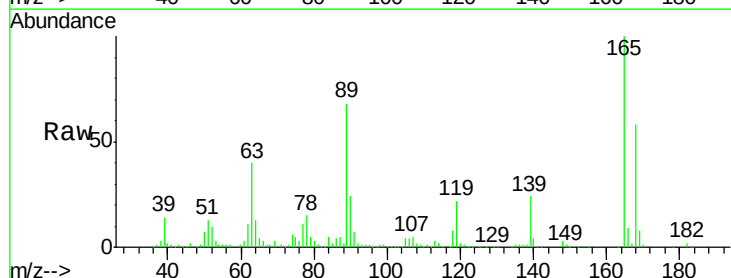
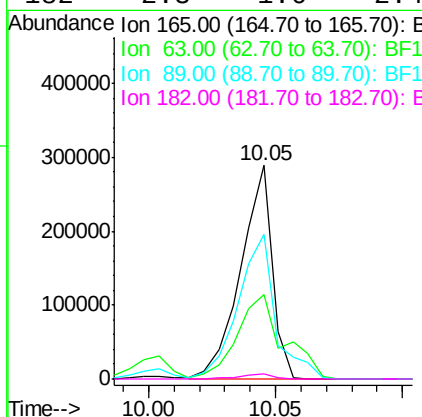
RT: 10.05 min Scan# 1353

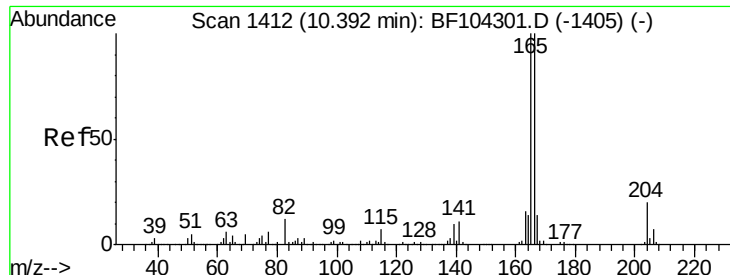
Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	165	Resp:	250366
Ion Ratio	Lower	Upper	
165	100		
63	39.7	36.4	54.6
89	68.0	57.8	86.6
182	2.3	1.6	2.4





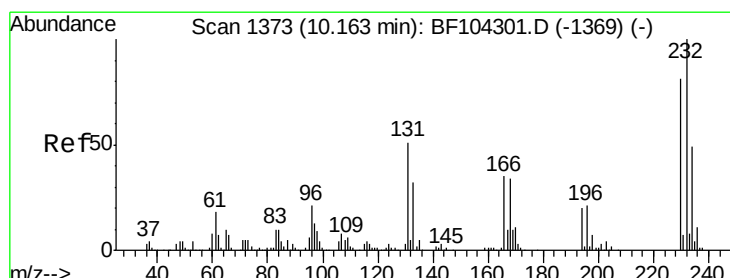
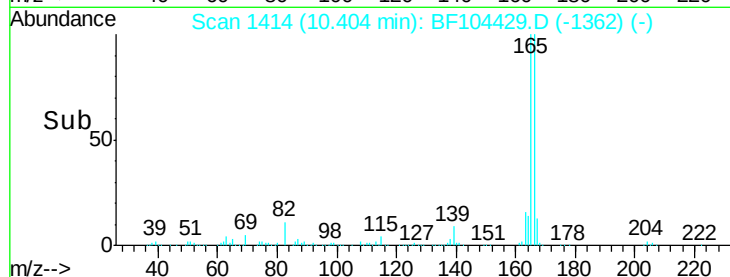
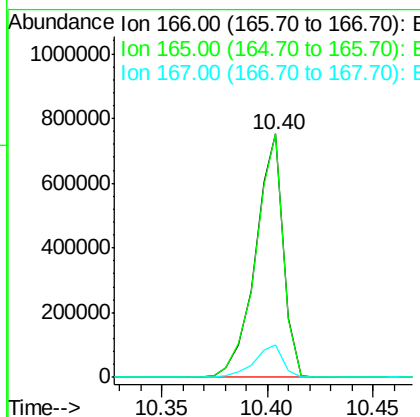
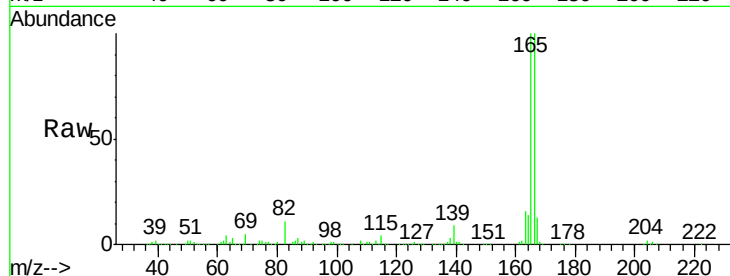
#57
Fluorene
 Concen: 39.365 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion:	166	Resp:	685720
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.8	119.8
167	13.1	10.6	16.0

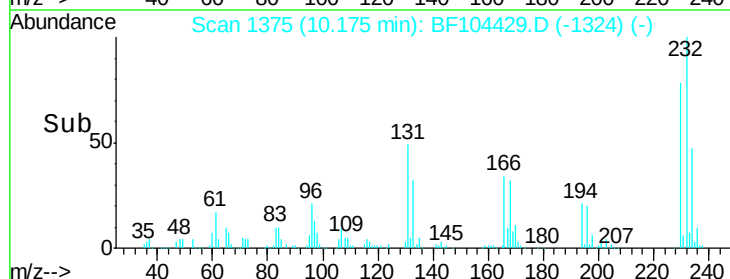
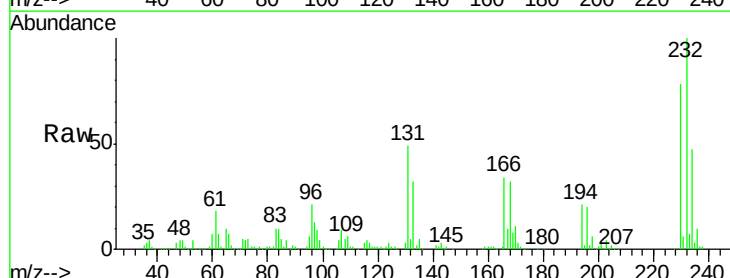
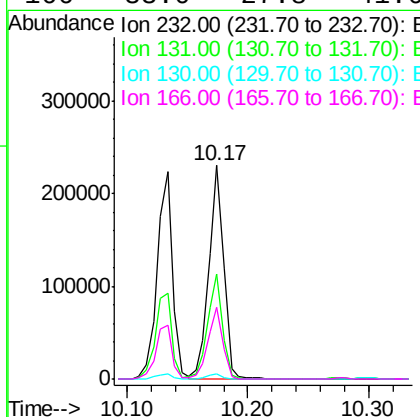
Manual Integrations
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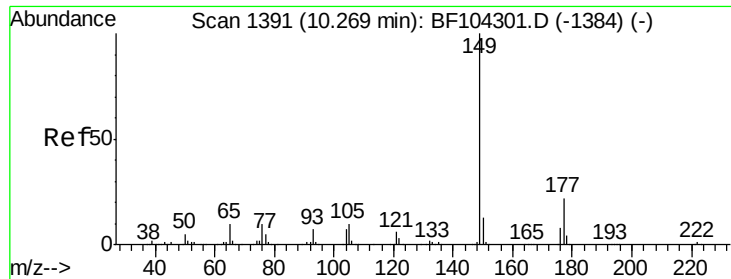
Sohil
 4/12/2018 2:30:22 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.837 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion:	232	Resp:	196612
Ion Ratio	Lower	Upper	
232	100		
131	49.0	43.8	65.8
130	2.5	2.1	3.1
166	33.0	27.8	41.6





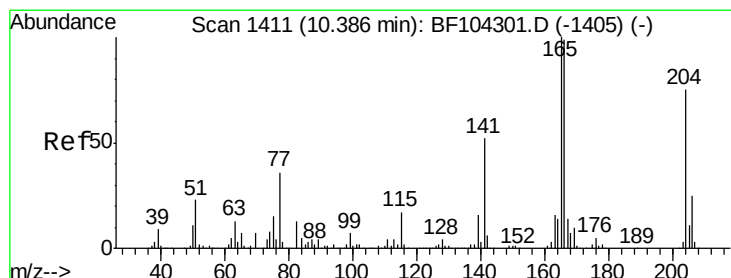
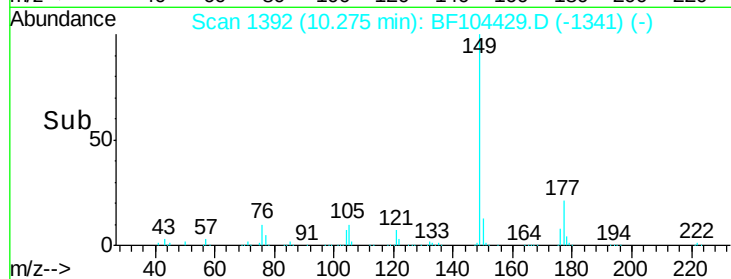
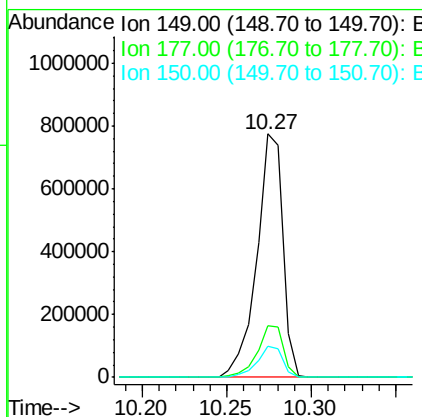
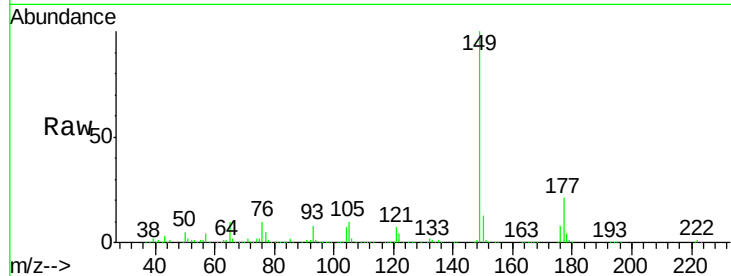
#59
Diethylphthalate
Concen: 39.245 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	13.0	10.1	15.1

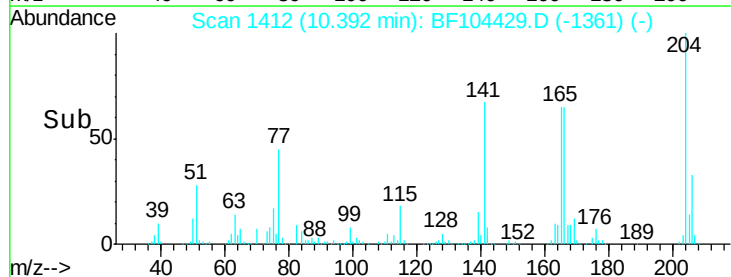
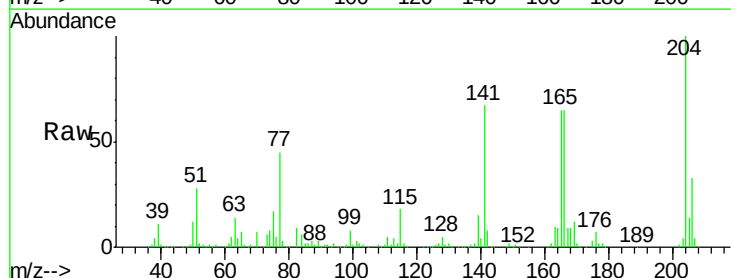
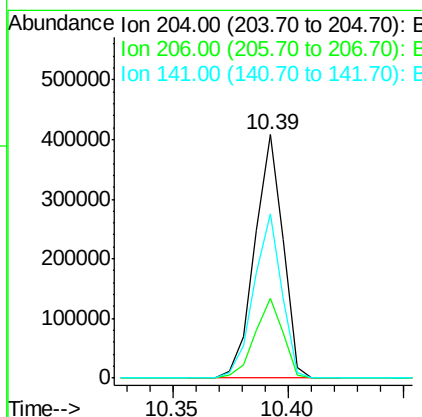
Manual Integrations
APPROVED

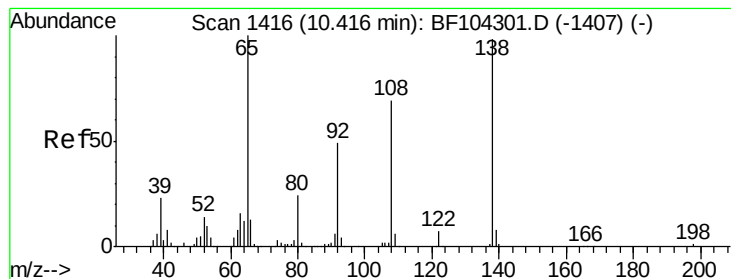
Sohil
4/12/2018 2:30:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.930 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	67.3	54.6	81.8





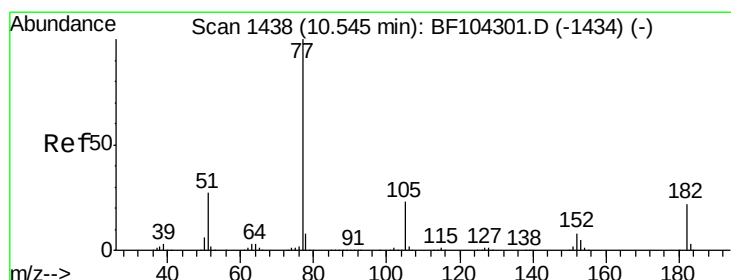
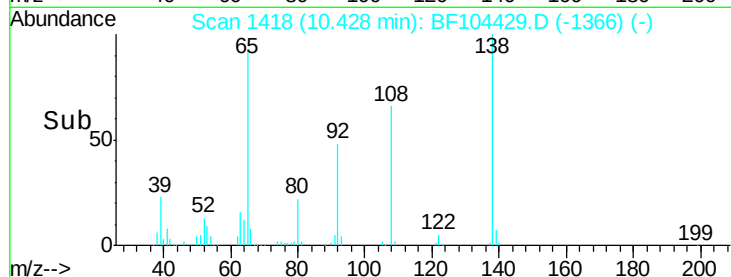
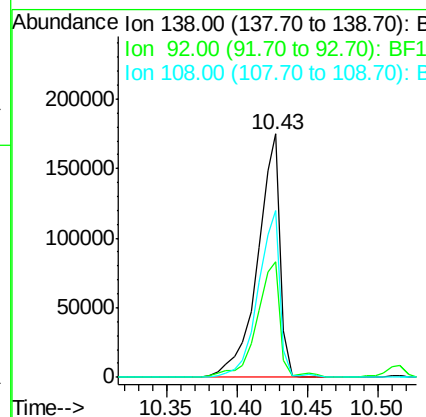
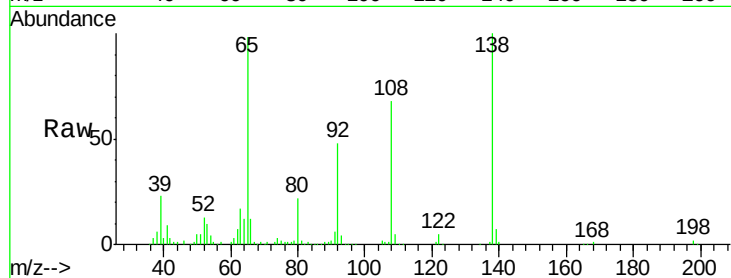
#61
4-Nitroaniline
Concen: 43.385 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	195911		
92	47.6	30.2	70.2	
108	68.5	52.5	92.5	

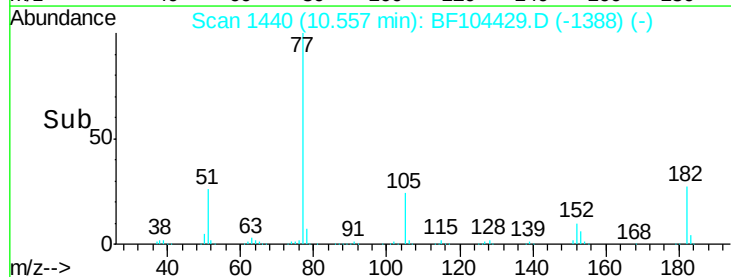
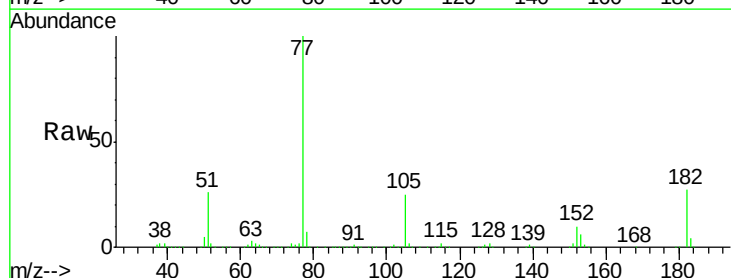
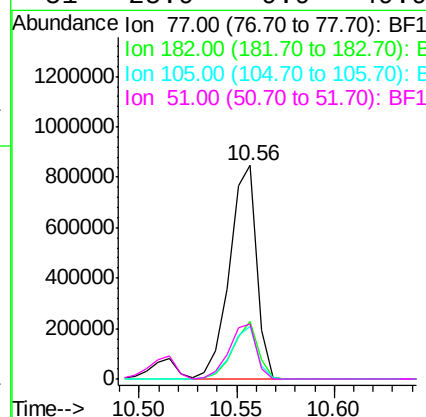
Manual Integrations
APPROVED

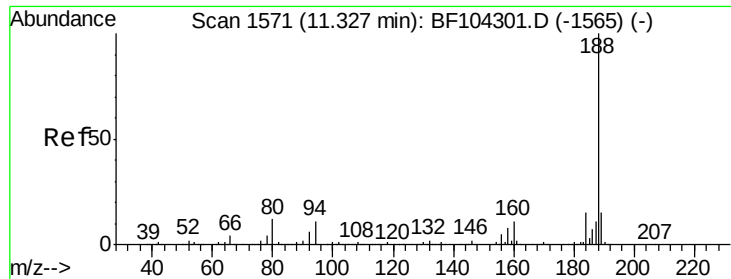
Sohil
4/12/2018 2:30:22 PM



#62
Azobenzene
Concen: 40.112 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	813692		
182	26.8	1.7	41.7	
105	24.6	3.0	43.0	
51	25.9	9.9	49.9	





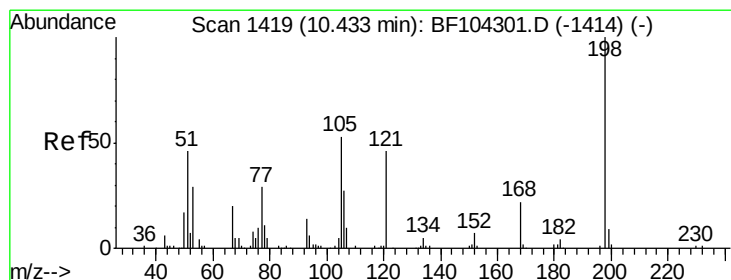
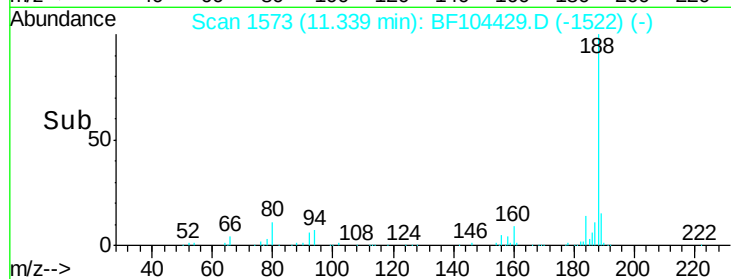
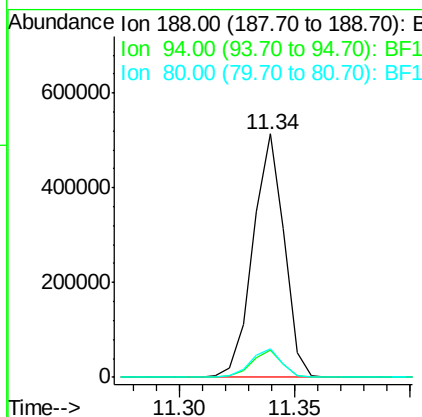
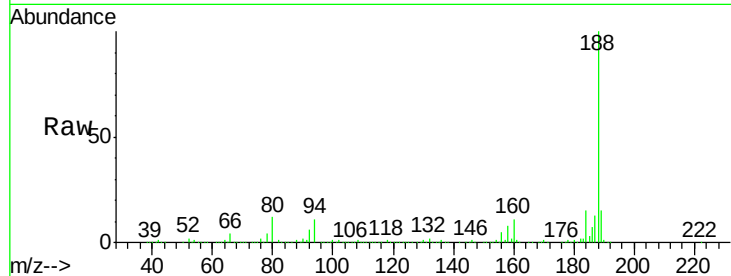
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	481626		
94	11.1		8.5	12.7
80	11.7		9.2	13.8

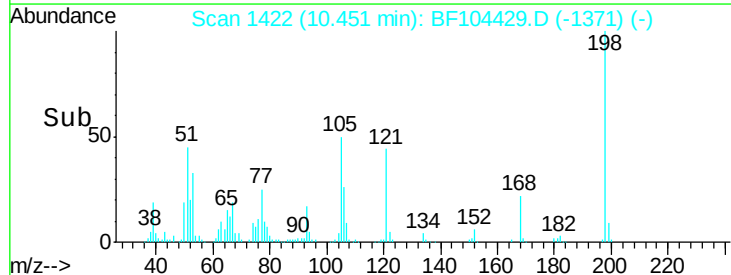
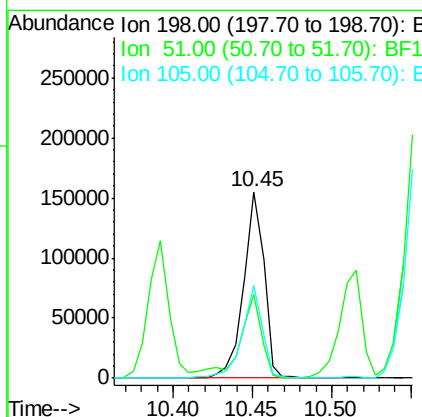
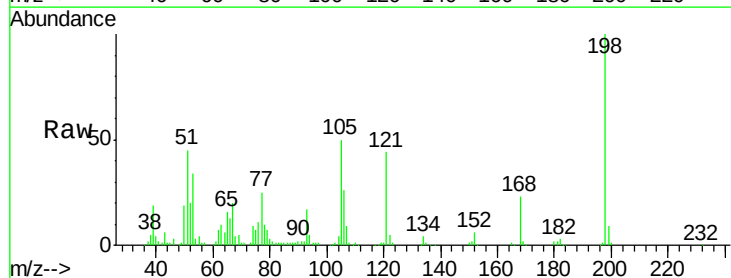
Manual Integrations
APPROVED

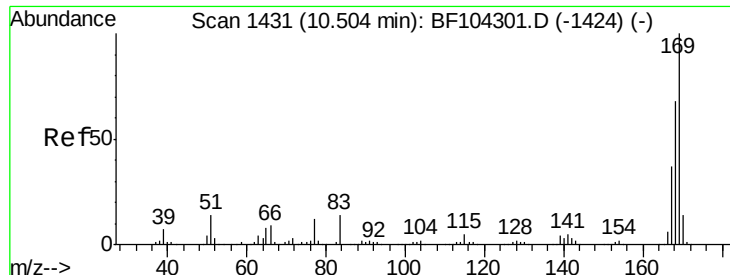
Sohil
4/12/2018 2:30:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 57.436 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	138724		
51	45.2		37.7	77.7
105	50.0		36.3	76.3





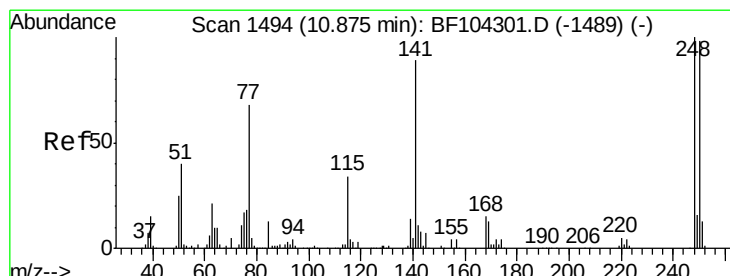
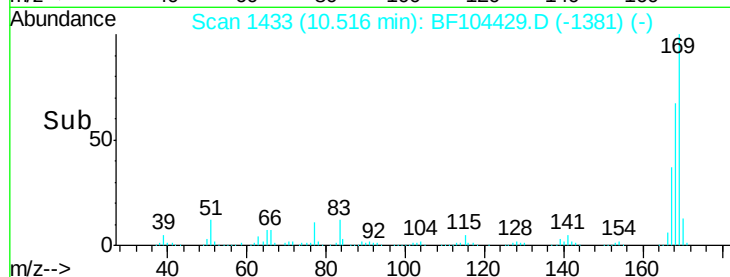
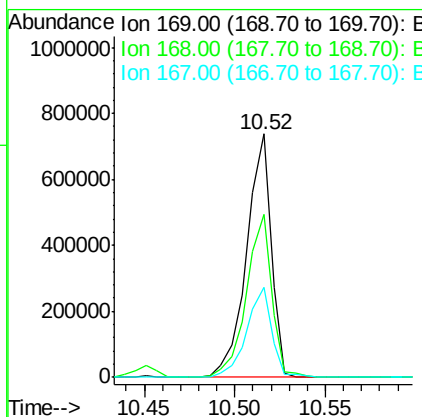
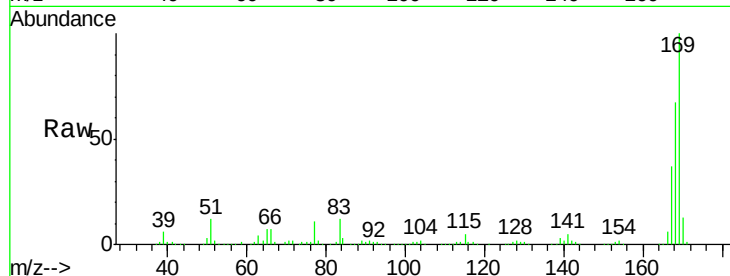
#65
 n-Nitrosodiphenylamine
 Concen: 41.798 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	697986		
168	66.7	54.4	81.6	
167	37.1	29.8	44.6	

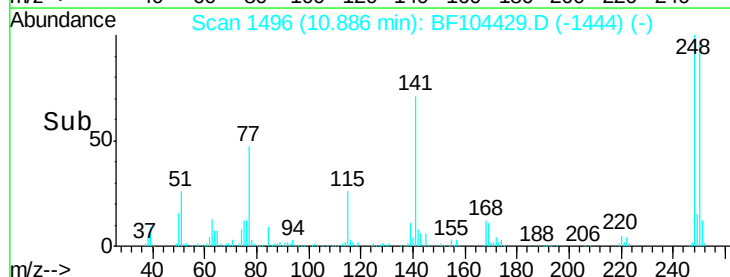
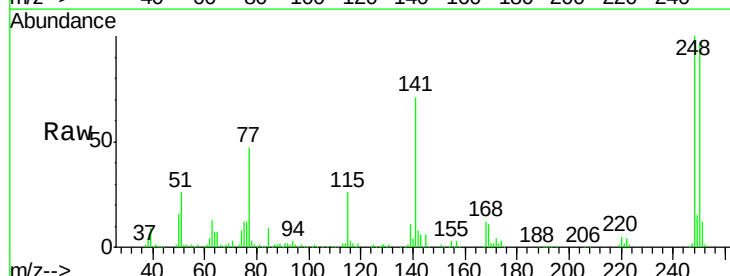
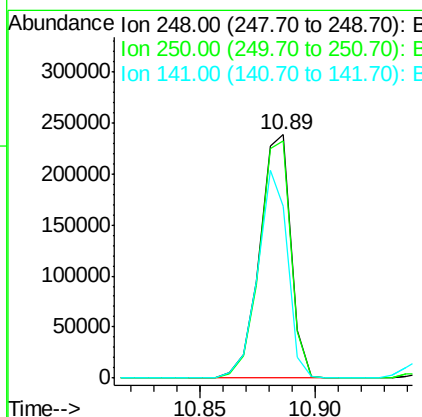
Manual Integrations
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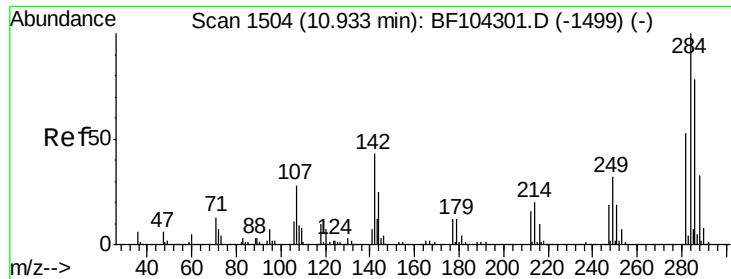
Sohil
 4/12/2018 2:30:22 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.980 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	225307		
250	97.3	76.9	115.3	
141	70.8	74.4	111.6	





#67

Hexachlorobenzene

Concen: 42.305 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

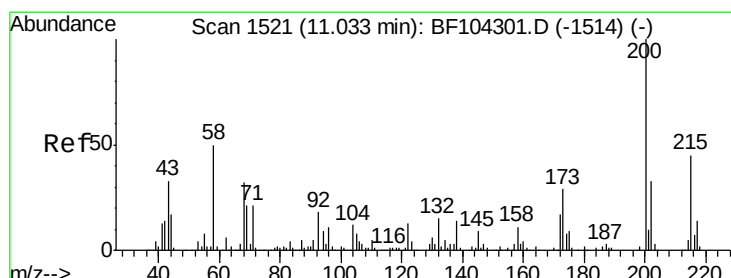
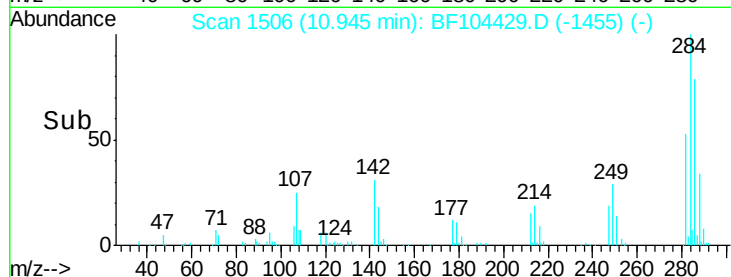
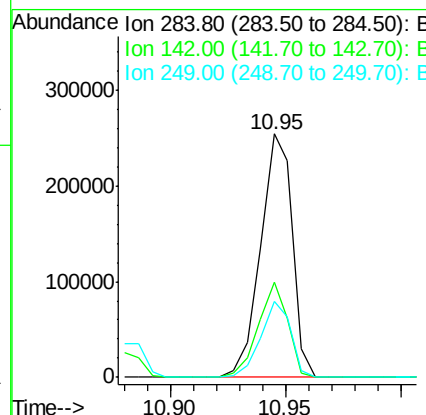
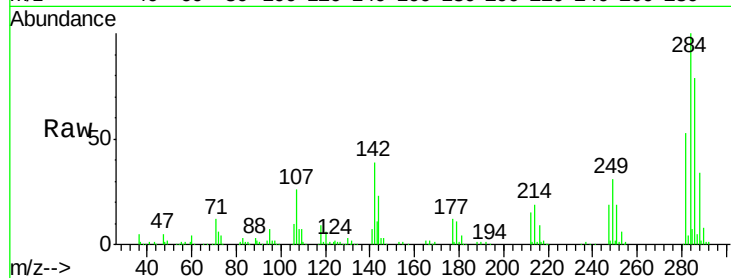
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	284	Resp:	243865
Ion Ratio	Lower	Upper	
284	100		
142	38.9	34.6	52.0
249	31.2	24.8	37.2

Manual Integrations
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Sohil
4/12/2018 2:30:22 PM



#68

Atrazine

Concen: 44.594 ng

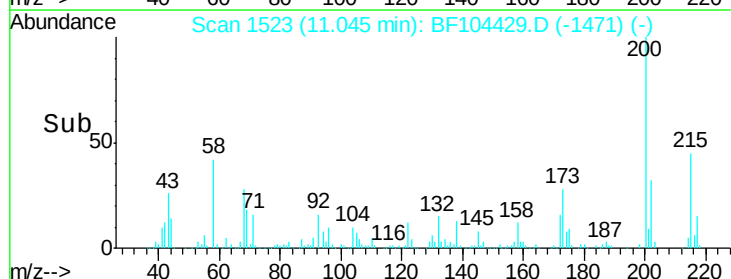
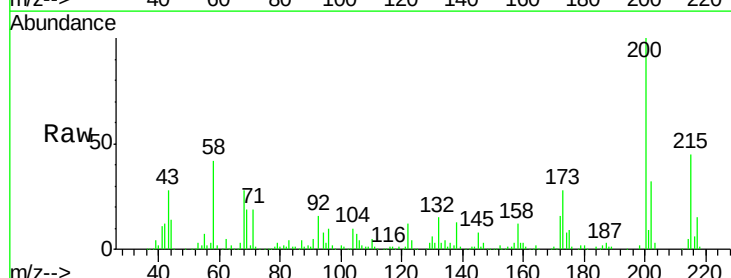
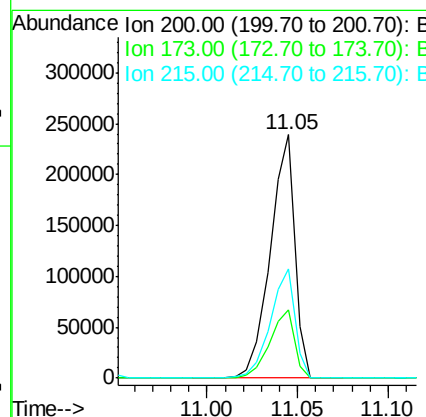
RT: 11.05 min Scan# 1523

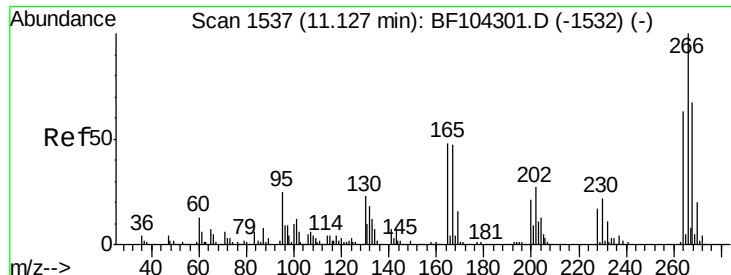
Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	200	Resp:	224782
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	45.1	25.1	65.1





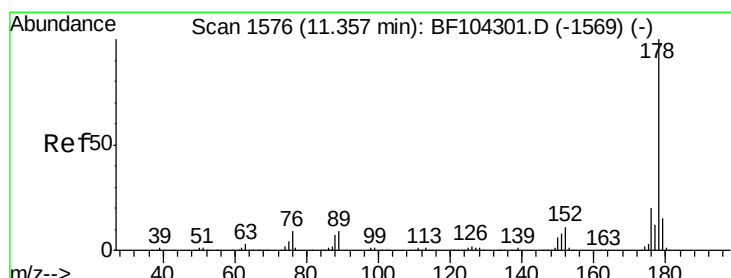
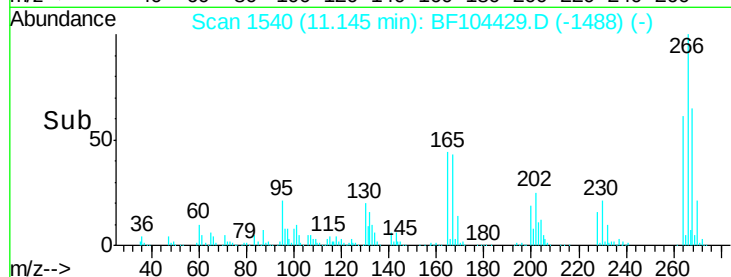
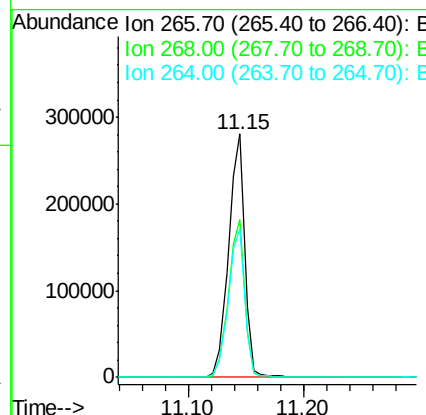
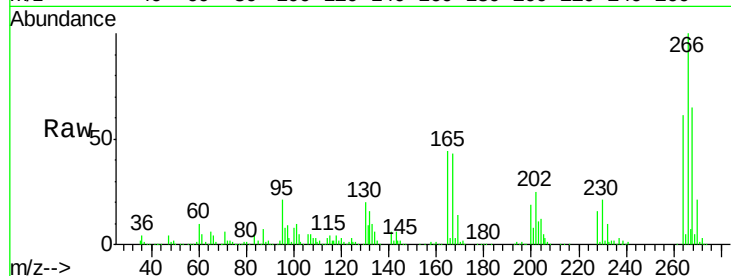
#69
 Pentachlorophenol
 Concen: 76.510 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	61.2	49.5	74.3

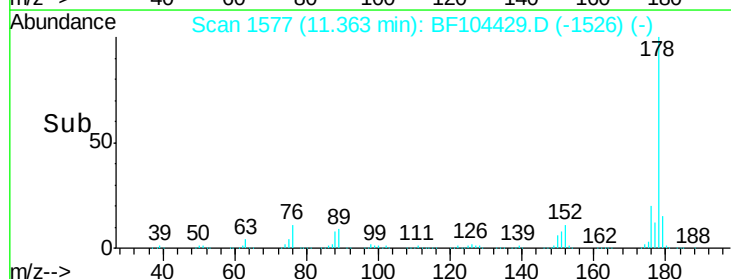
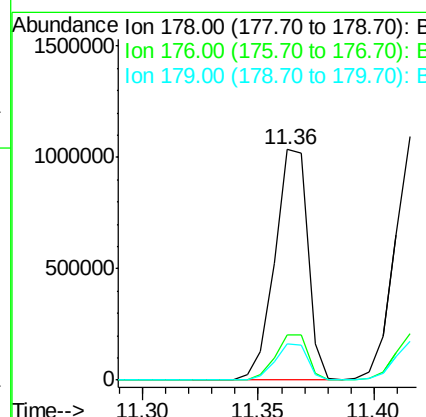
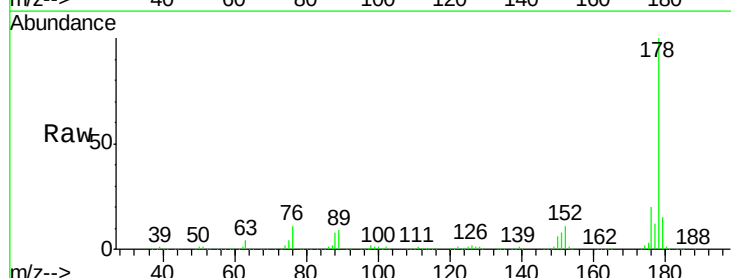
Manual Integrations
 APPROVED

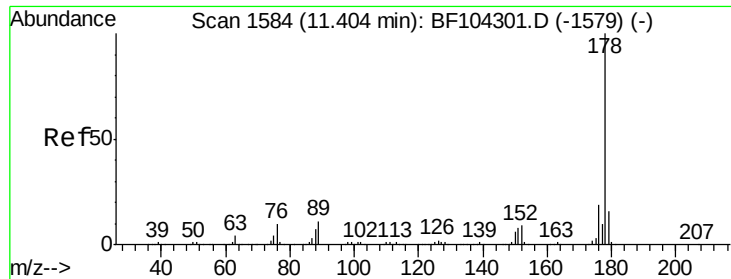
Sohil
 4/12/2018 2:30:22 PM



#70
 Phenanthrene
 Concen: 38.265 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6





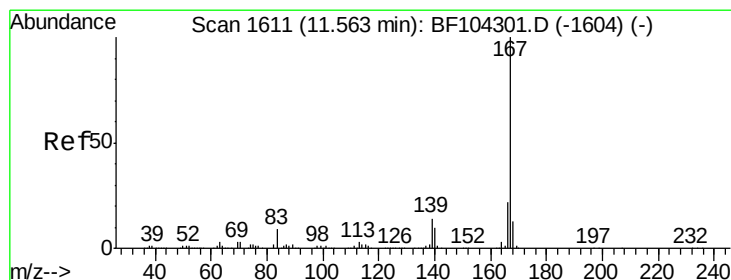
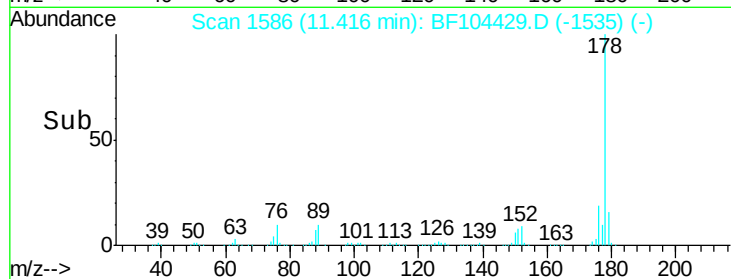
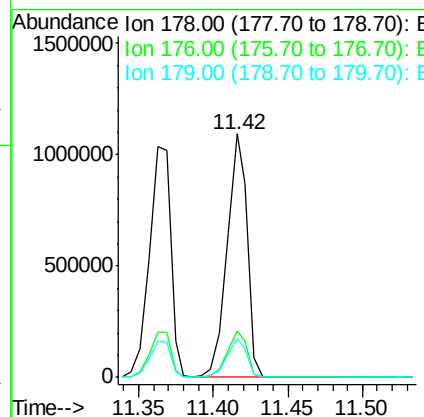
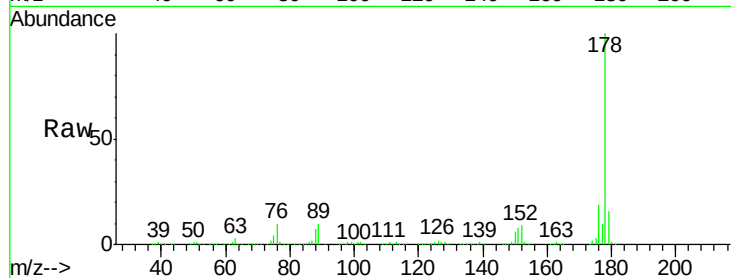
#71
 Anthracene
 Concen: 38.224 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.3	15.4	23.2	
179	15.9	12.6	19.0	

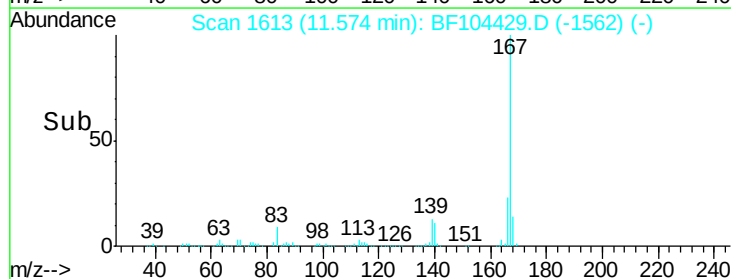
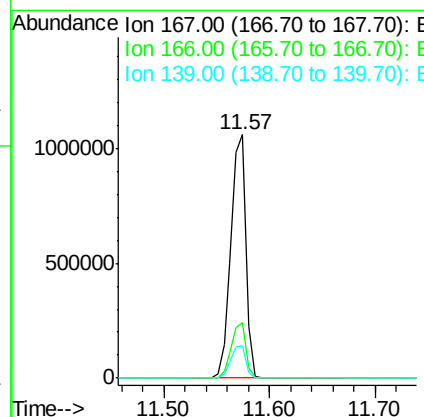
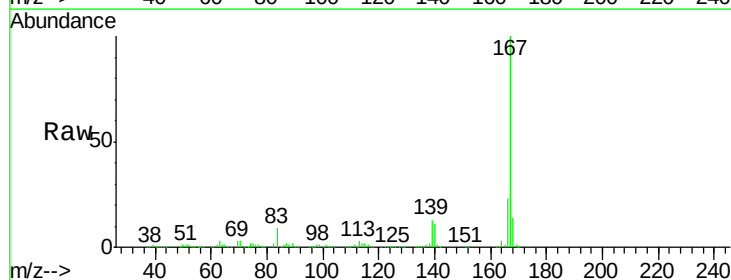
Manual Integrations
 APPROVED

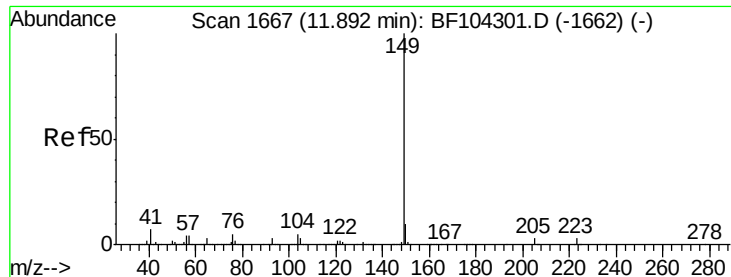
Sohil
 4/12/2018 2:30:22 PM



#72
 Carbazole
 Concen: 39.129 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	17.6	26.4	
139	13.5	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 38.317 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampled :

EPE-L-6(0-5)MS

Tot Ion:149 Resp: 1247020

Ion Ratio Lower Upper

149 100

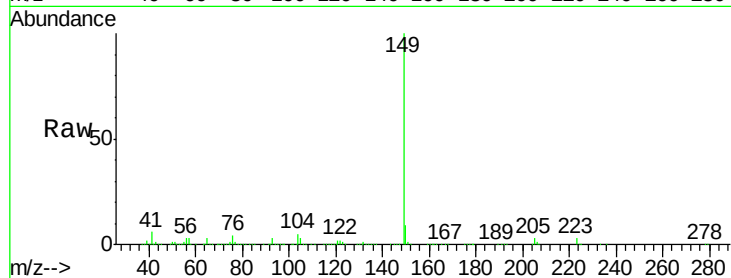
150 9.3 7.8 11.6

104 4.8 3.8 5.8

Manual Integrations
APPROVED

Sohil

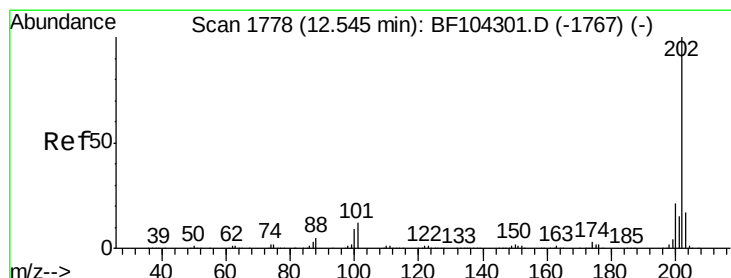
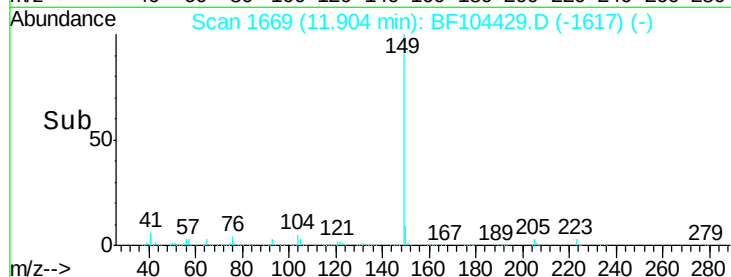
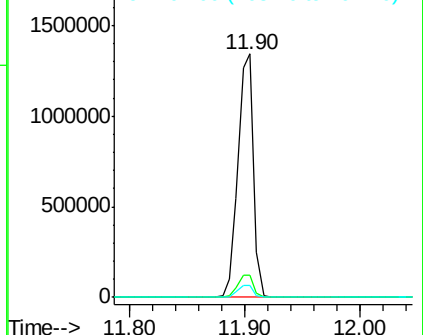
4/12/2018 2:30:22 PM



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: 36.296 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

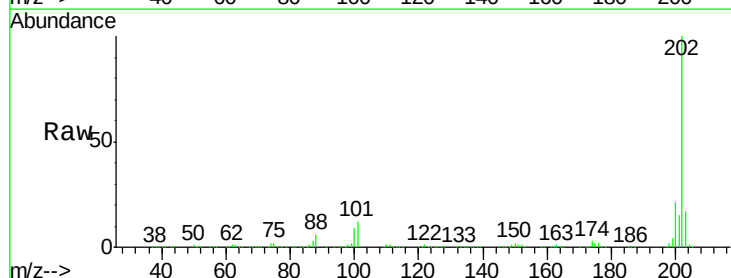
Tgt Ion:202 Resp: 1017125

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

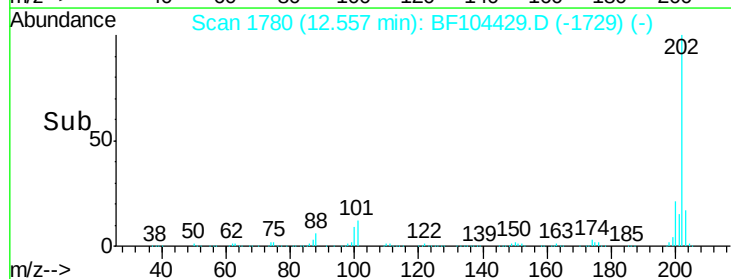
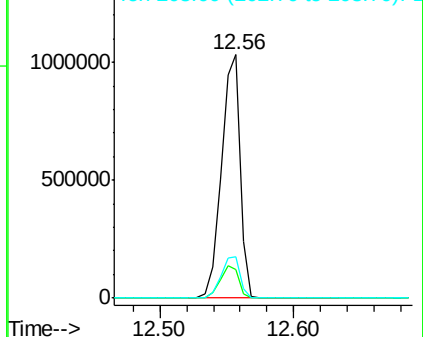
203 16.9 0.0 38.1

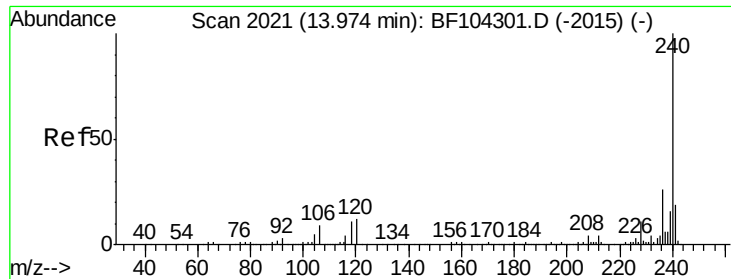


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





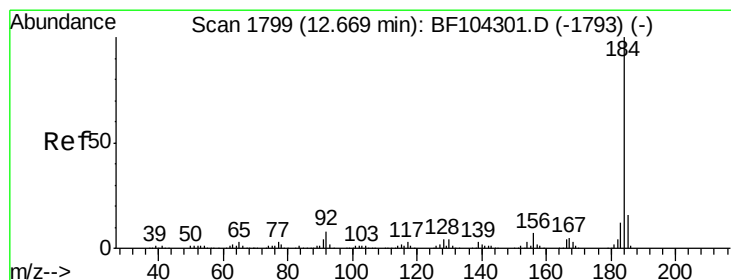
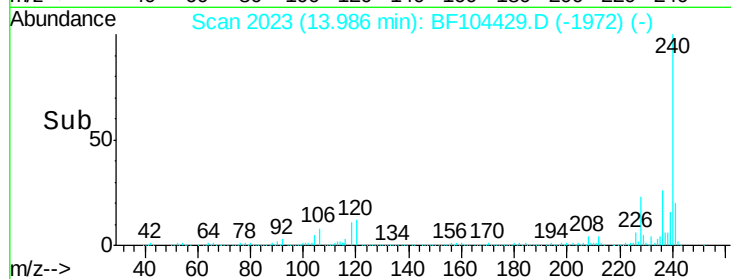
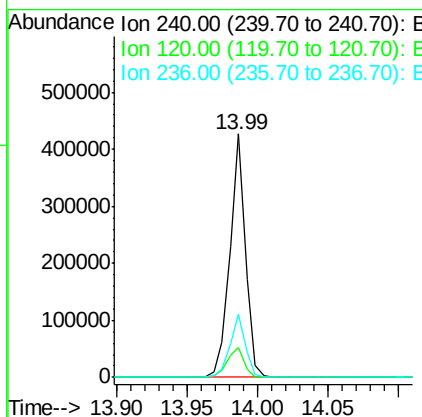
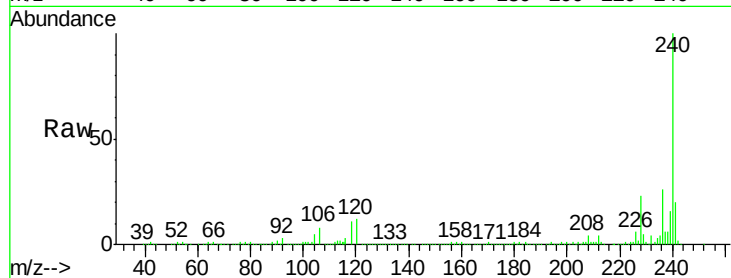
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.1	20.7	31.1

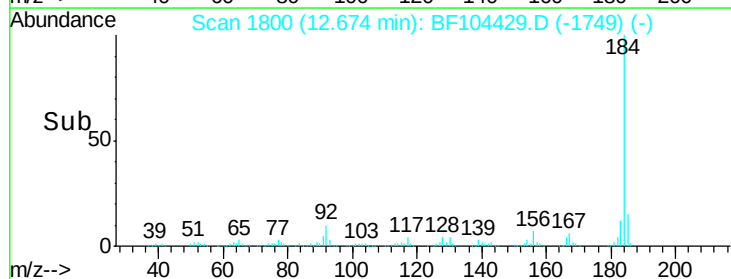
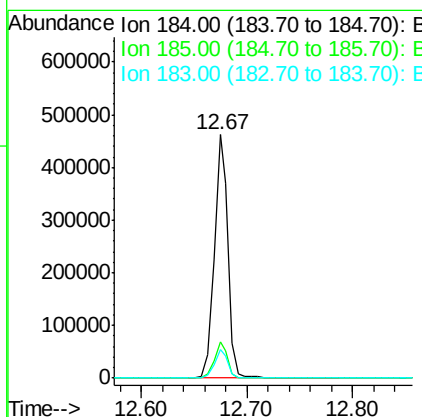
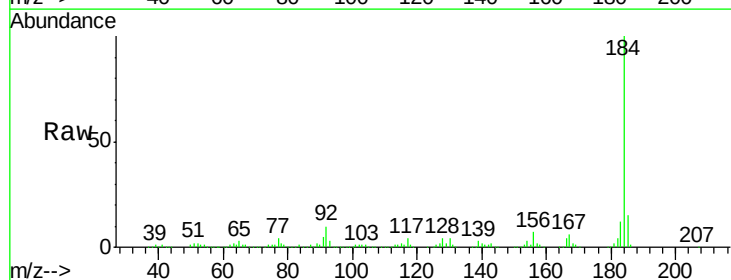
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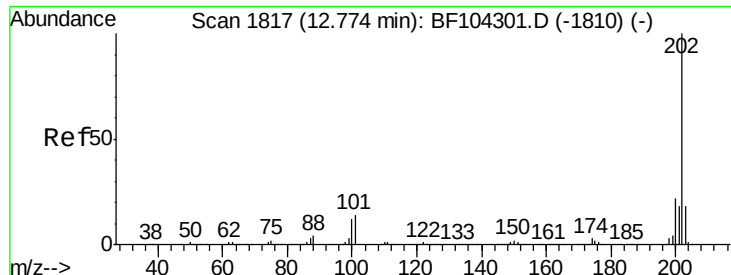
Sohil
4/12/2018 2:30:22 PM



#76
Benzidine
Concen: 37.326 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.7	9.3	13.9





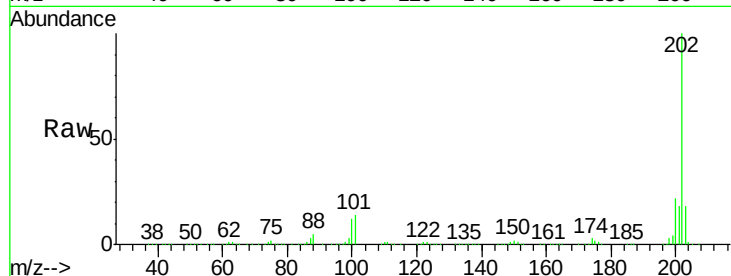
#77
Pvrene
Concen: 42.744 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

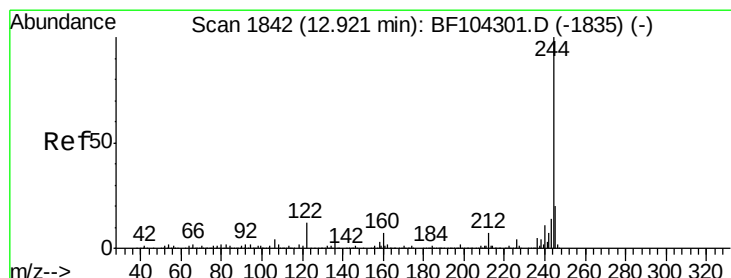
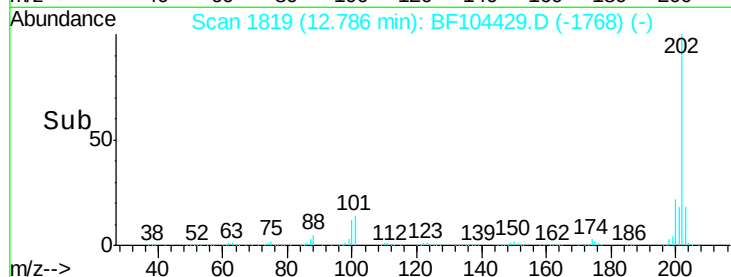
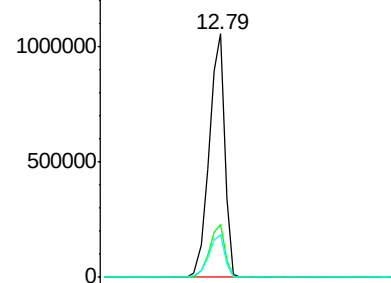
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

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4/12/2018 2:30:22 PM

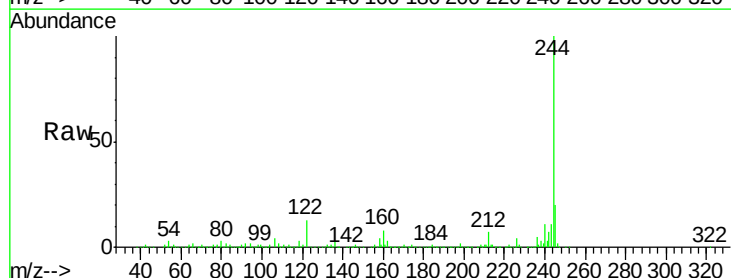


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

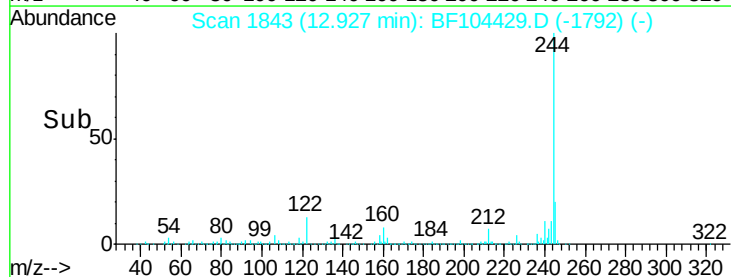
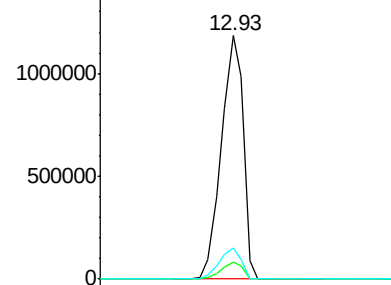


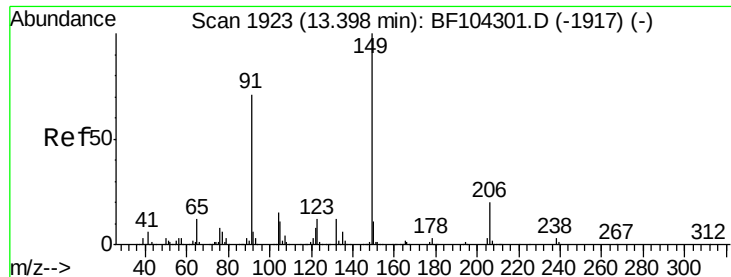
#78
Terphenyl-d14
Concen: 88.650 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.6	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





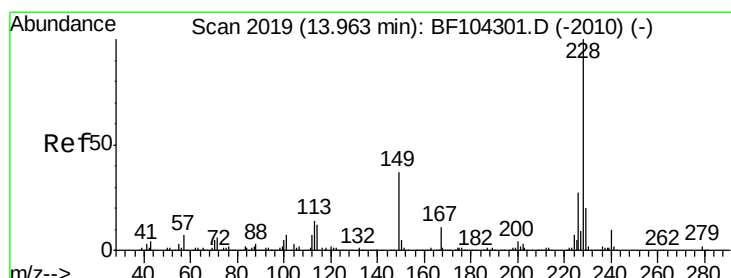
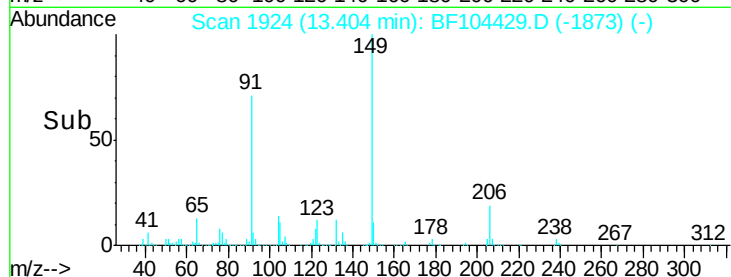
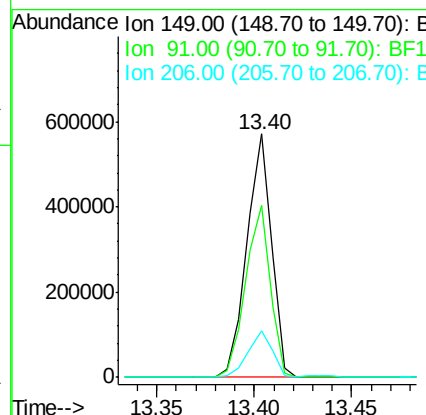
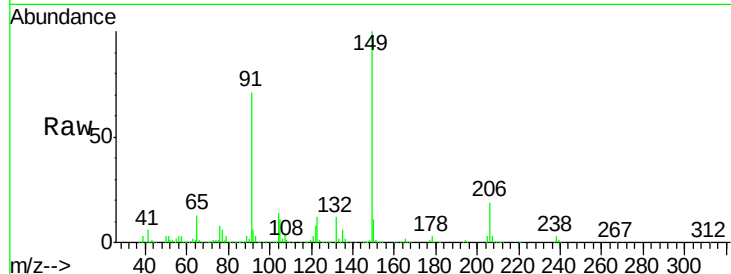
#79
Butylbenzylphthalate
Concen: 43.753 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	501480		
91	70.9	56.8	85.2	
206	18.9	14.1	21.1	

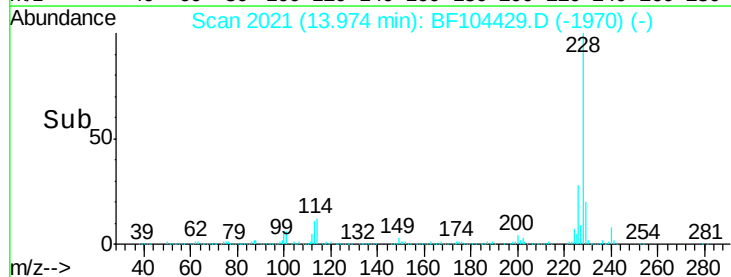
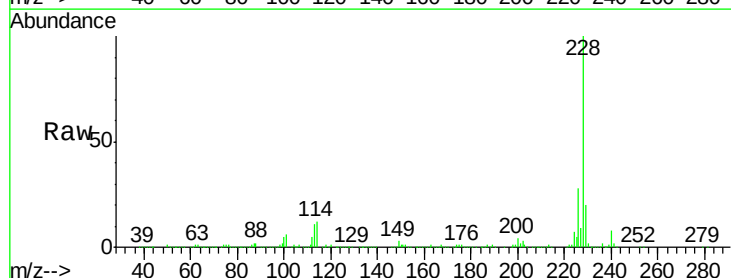
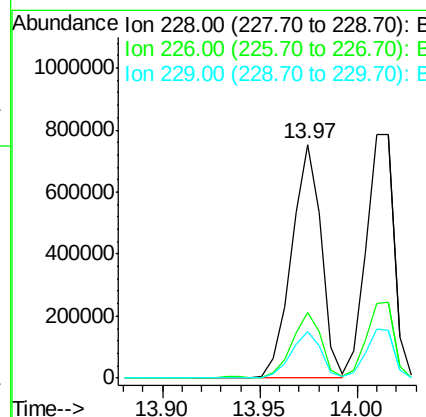
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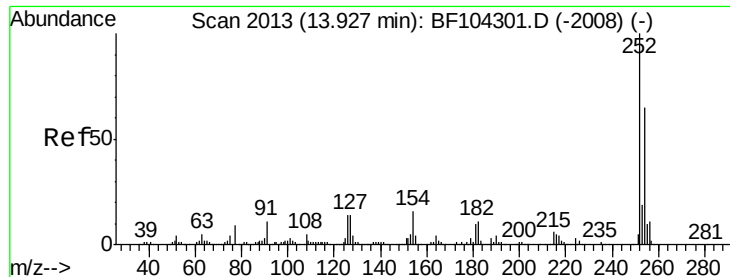
Sohil
4/12/2018 2:30:22 PM



#80
Benzo(a)anthracene
Concen: 40.148 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	787245		
226	28.2	22.6	33.8	
229	19.9	15.8	23.6	





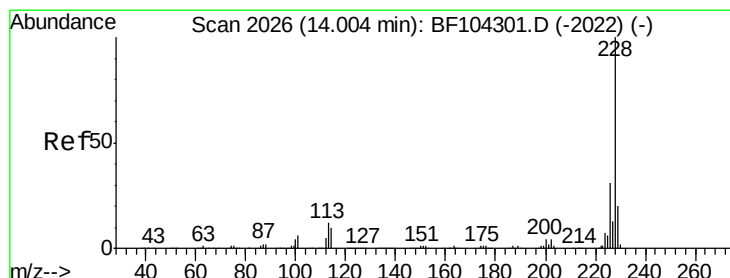
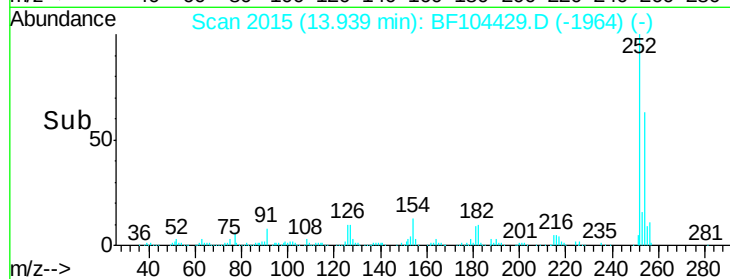
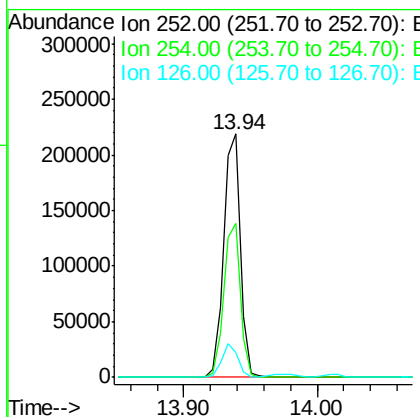
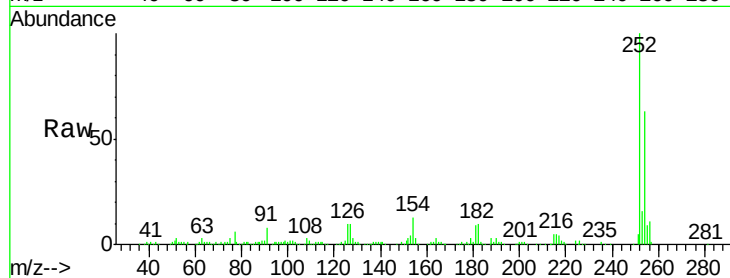
#81
 3,3'-Dichlorobenzidine
 Concen: 26.678 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	50.4	75.6
126	10.0	11.3	16.9

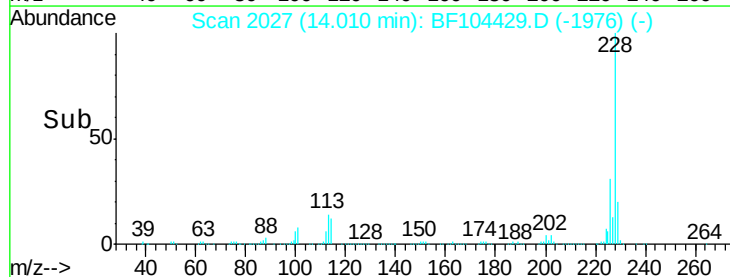
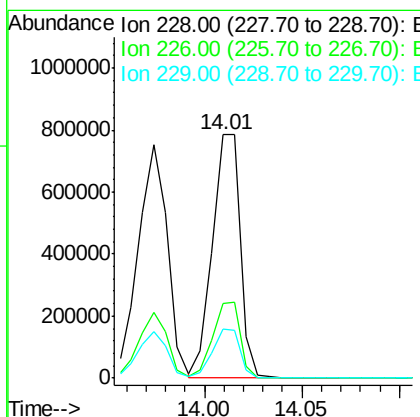
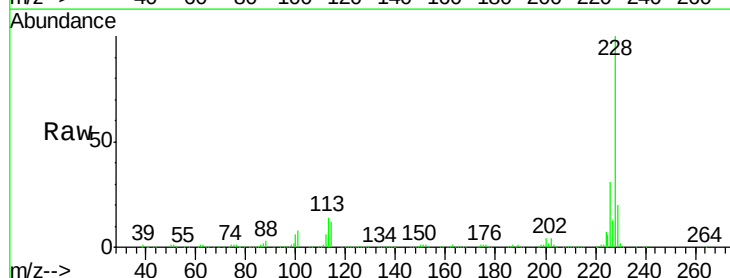
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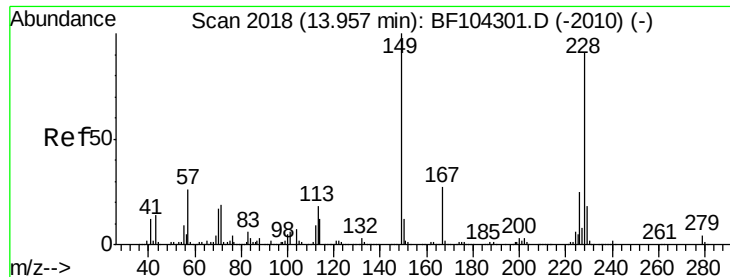
Sohil
 4/12/2018 2:30:22 PM



#82
 Chrysene
 Concen: 38.688 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.505 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

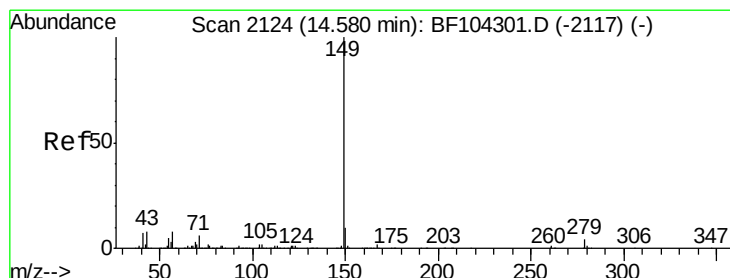
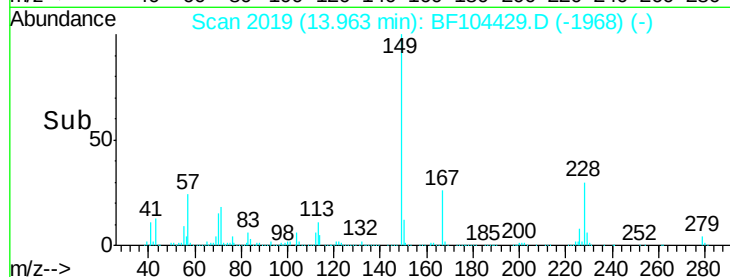
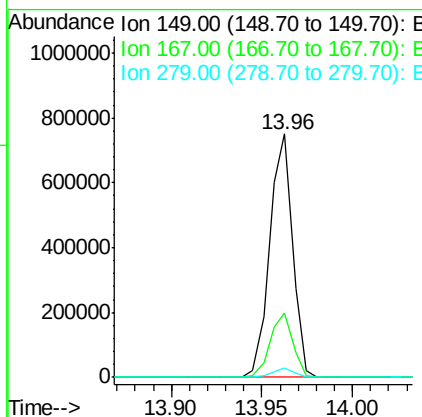
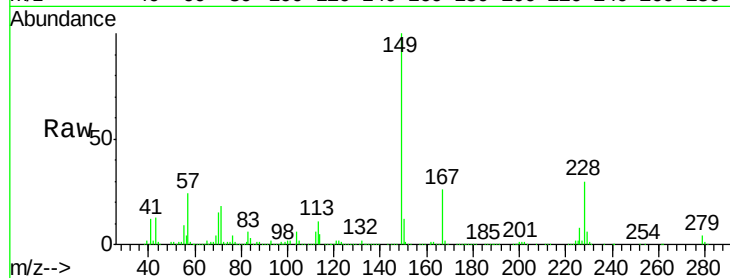
ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	149	Resp:	656121
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.564 ng

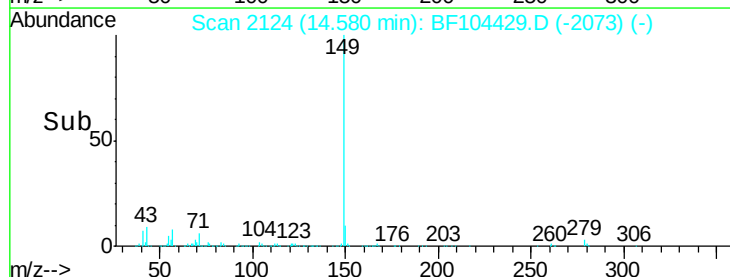
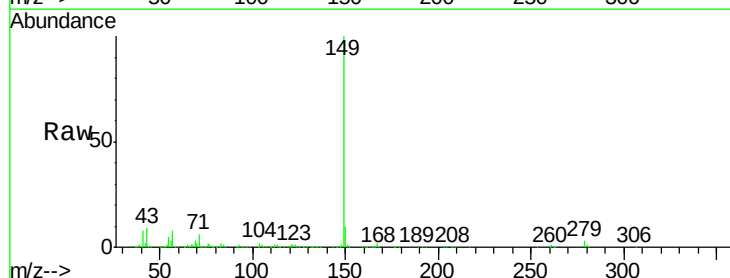
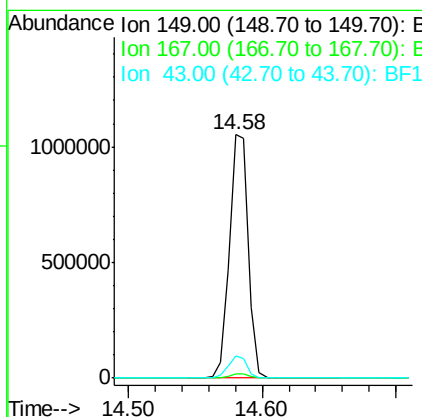
RT: 14.58 min Scan# 2124

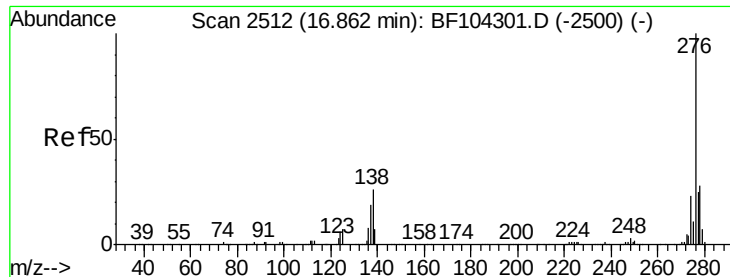
Delta R.T. 0.00 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	149	Resp:	1048504
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.6	8.4	12.6





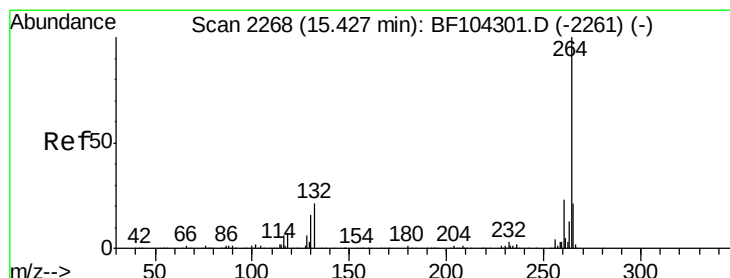
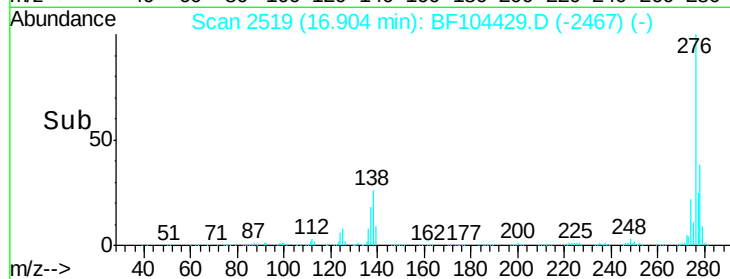
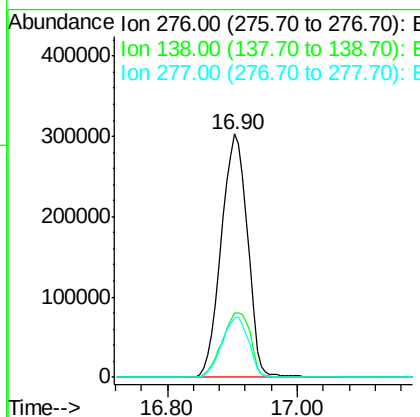
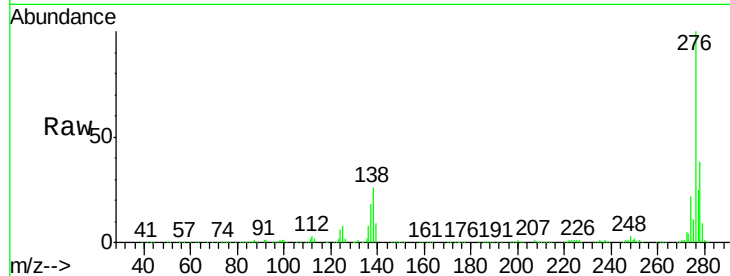
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.599 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.01 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	25.5	20.1	30.1

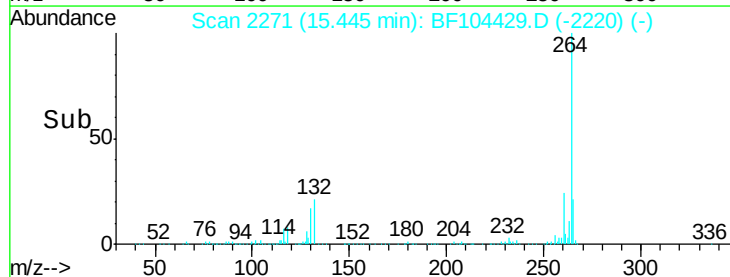
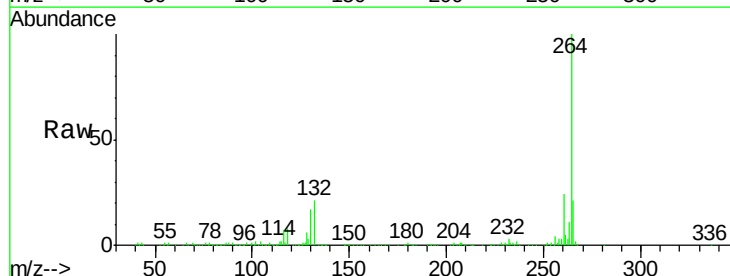
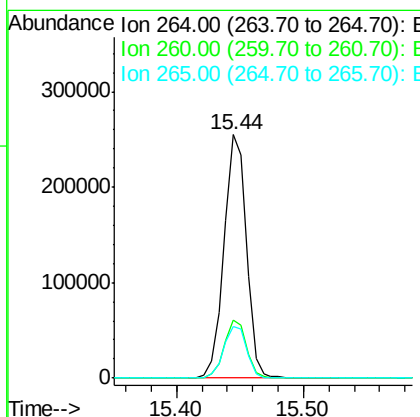
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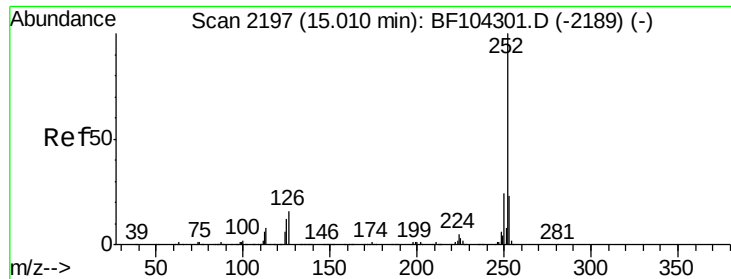
Sohil
 4/12/2018 2:30:22 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104429.D
 Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.437 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

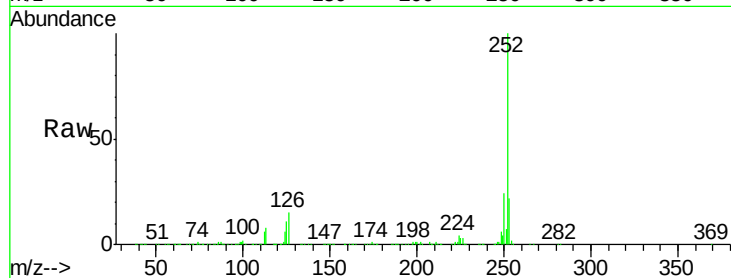
ClientSampleId :

EPE-L-6(0-5)MS

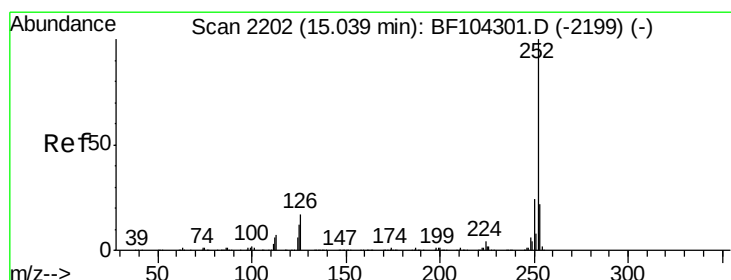
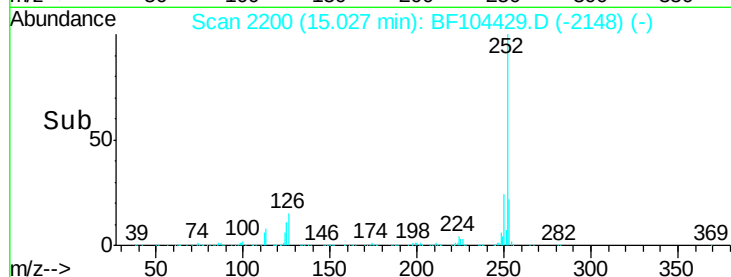
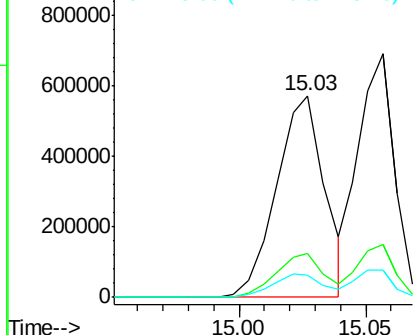
Tot Ion:	252	Resp:	756152
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	10.8	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.879 ng

RT: 15.06 min Scan# 2205

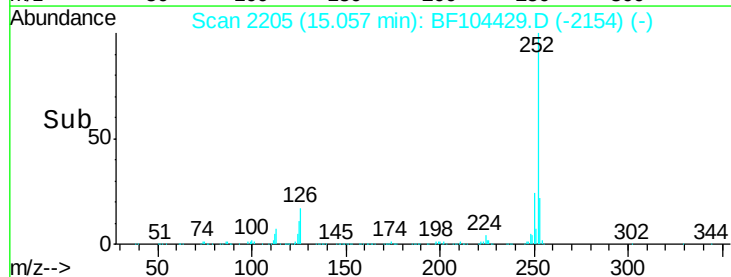
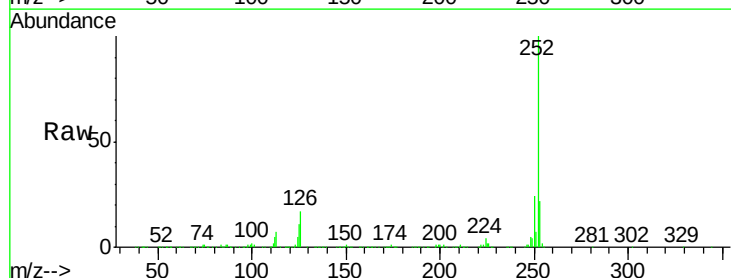
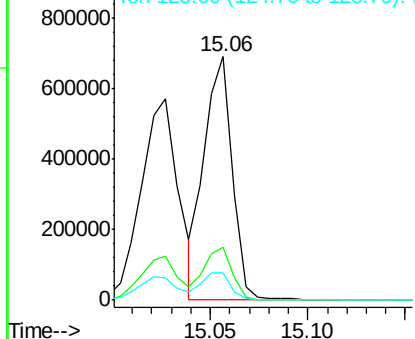
Delta R.T. 0.00 min

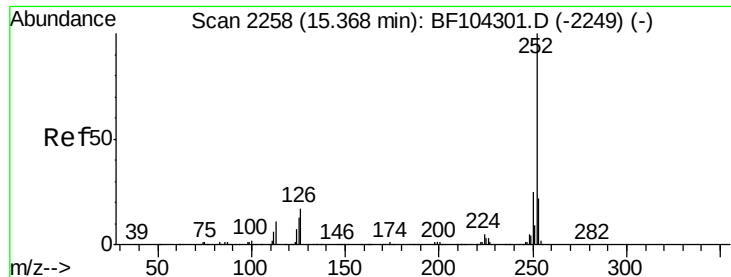
Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Tgt Ion:	252	Resp:	684929
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	11.3	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





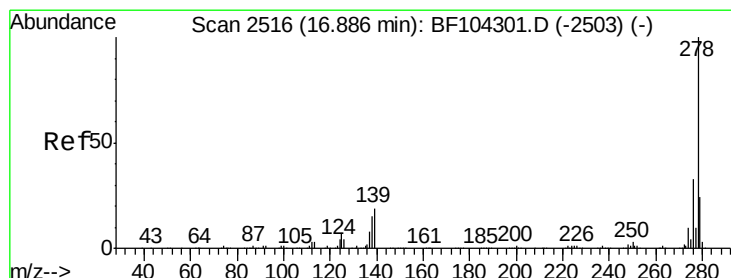
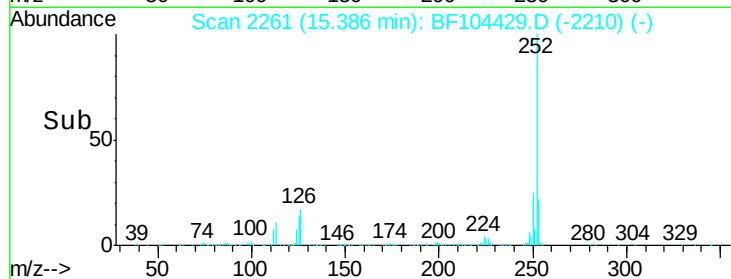
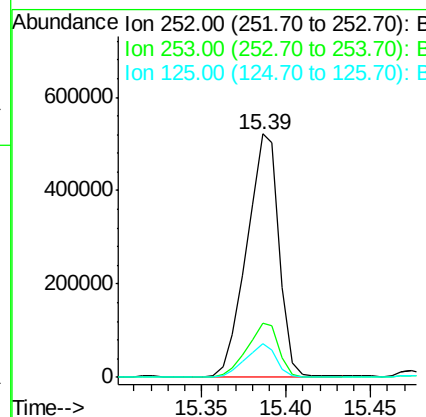
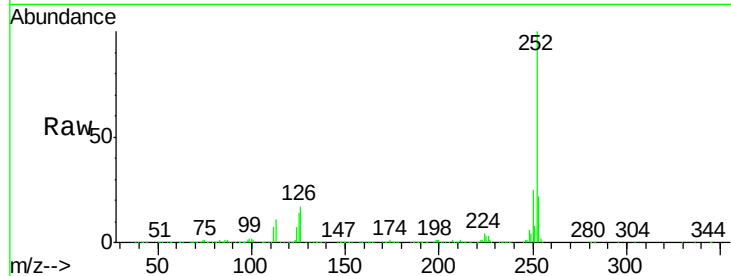
#89
Benzo(a)pyrene
Concen: 39.520 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.9	9.8	14.6

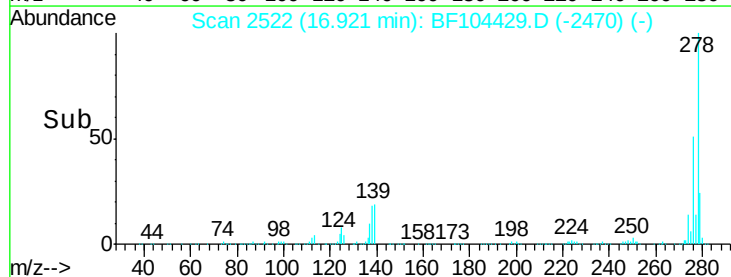
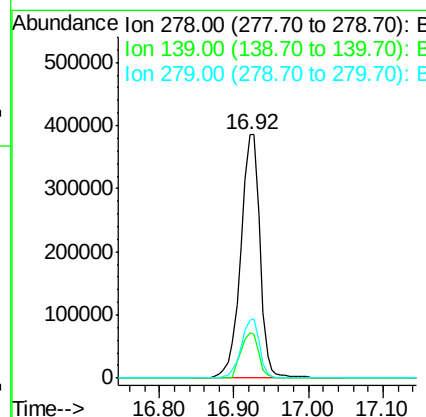
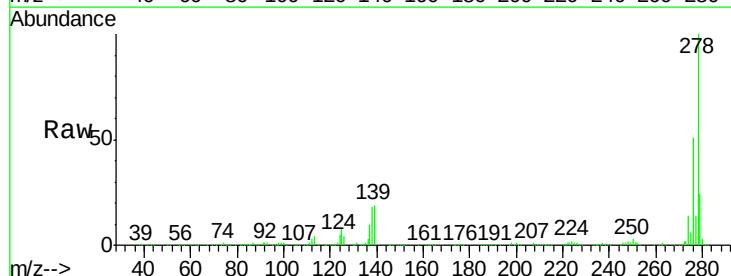
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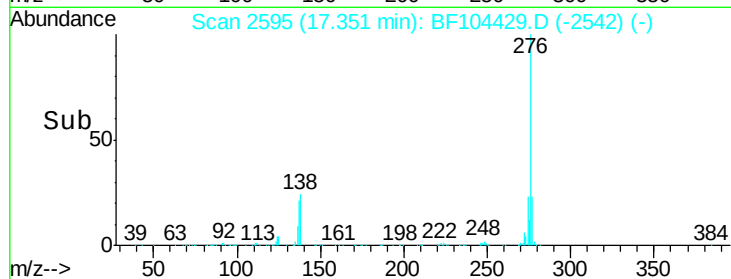
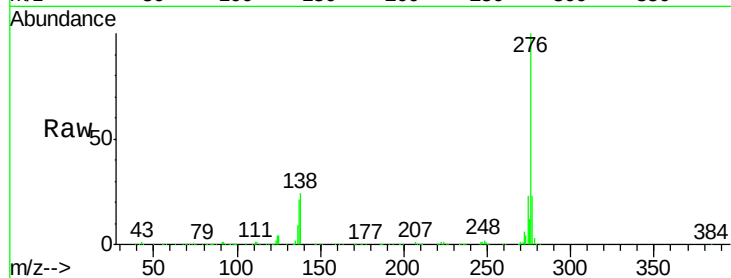
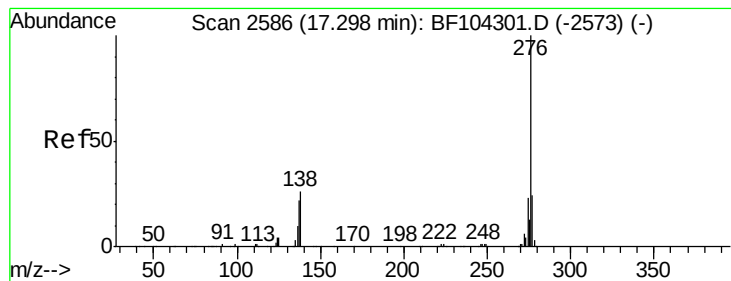
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.908 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104429.D
Acq: 11 Apr 2018 10:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 51.907 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BF104429.D

Acq: 11 Apr 2018 10:51

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)MS

Tot Ion:	276	Resp:	727009
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	23.8	21.8	32.8

Manual Integrations
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