

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111585.D
 Acq On : 18 Dec 2018 19:45
 Operator : JU/SJ
 Sample : PB115777BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:09:28 PM

Quant Time: Dec 19 01:12:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114630	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	504357	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	419150	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	766556	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	517558	20.00	ng	-0.01
87) Perylene-d12	15.37	264	403663	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	505557	73.39	ng	-0.01
7) Phenol-d6	6.42	99	694535	75.80	ng	-0.02
23) Nitrobenzene-d5	7.34	82	653334	77.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	296750	79.03	ng	-0.02
45) 2-Fluorobiphenyl	9.14	172	2036703	75.06	ng	-0.02
79) Terphenyl-d14	12.89	244	1850669	83.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	99724	29.974	ng	# 94
3) Pyridine	3.26	79	241612	28.915	ng	86
4) n-Nitrosodimethylamine	3.19	42	143115	37.707	ng	83
6) Aniline	6.44	93	134375	11.822	ng	# 1
8) 2-Chlorophenol	6.56	128	302897	36.801	ng	100
9) Benzaldehyde	6.32	77	76127	13.697	ng	98
10) Phenol	6.43	94	341114	33.418	ng	89
11) bis(2-Chloroethyl)ether	6.51	93	263017	32.870	ng	98
12) 1,3-Dichlorobenzene	6.72	146	296956	32.775	ng	98
13) 1,4-Dichlorobenzene	6.79	146	306229	33.299	ng	97
14) 1,2-Dichlorobenzene	6.95	146	290946	33.629	ng	99
15) Benzyl Alcohol	6.92	79	245151	35.162	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	539652	34.541	ng	84
17) 2-Methylphenol	7.04	107	238648	36.027	ng	# 92
18) Hexachloroethane	7.29	117	116950	34.171	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	214383	35.463	ng	92
20) 3+4-Methylphenols	7.19	107	303215	36.492	ng	# 81
22) Acetophenone	7.19	105	432138	38.382	ng	# 89
24) Nitrobenzene	7.36	77	300681	34.801	ng	99
25) Isophorone	7.60	82	597364	41.684	ng	99
26) 2-Nitrophenol	7.67	139	156689	34.970	ng	96
27) 2,4-Dimethylphenol	7.72	122	268427	41.323	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	365687	36.963	ng	100
29) 2,4-Dichlorophenol	7.92	162	268382	38.704	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	261754	36.059	ng	99
31) Naphthalene	8.08	128	950765	40.304	ng	96
32) Benzoic acid	7.86	122	180359m	32.131	ng	
33) 4-Chloroaniline	8.13	127	59736	5.695	ng	99
34) Hexachlorobutadiene	8.20	225	166865	41.724	ng	99
35) Caprolactam	8.50	113	150822m	58.582	ng	
36) 4-Chloro-3-methylphenol	8.63	107	464244	60.823	ng	99
37) 2-Methylnaphthalene	8.77	142	1017150	63.720	ng	98
38) 1-Methylnaphthalene	8.87	142	986931	63.998	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	388509	33.799	ng	98

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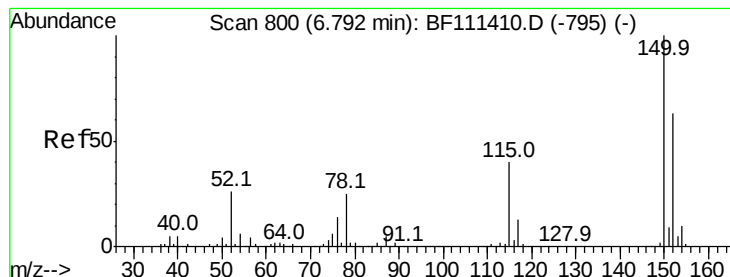
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	253952	43.031	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	274083	33.690	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	301850	34.867	nq	96
46) 1,1'-Biphenyl	9.24	154	1214077	34.185	nq	94
47) 2-Chloronaphthalene	9.26	162	963912	35.706	nq	96
48) 2-Nitroaniline	9.36	65	296612	33.839	nq	98
49) Acenaphthylene	9.68	152	1563901	39.028	nq	95
50) Dimethylphthalate	9.54	163	1168690	38.716	nq	99
51) 2,6-Dinitrotoluene	9.60	165	255936	37.667	nq	92
52) Acenaphthene	9.85	154	867234	34.242	nq	98
53) 3-Nitroaniline	9.77	138	93238	11.297	nq	100
54) 2,4-Dinitrophenol	9.88	184	142600	55.164	nq	90
55) Dibenzofuran	10.02	168	1366068	37.159	nq	97
56) 4-Nitrophenol	9.95	139	299754	52.483	nq	97
57) 2,4-Dinitrotoluene	10.00	165	326198	36.577	nq	95
58) Fluorene	10.36	166	1067422	40.031	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259463	38.359	nq	96
60) Diethylphthalate	10.24	149	1141481	37.331	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	476276	36.507	nq	98
62) 4-Nitroaniline	10.39	138	266668	32.640	nq	97
63) Azobenzene	10.52	77	1113084	36.925	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	125905	29.094	nq	95
66) n-Nitrosodiphenylamine	10.47	169	965130	36.510	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	297149	35.966	nq	97
68) Hexachlorobenzene	10.92	284	306787	36.098	nq	97
69) Atrazine	11.00	200	300977	39.397	nq	99
70) Pentachlorophenol	11.11	266	300508	57.650	nq	96
71) Phenanthrene	11.33	178	1481389	37.504	nq	94
72) Anthracene	11.37	178	1652993	40.921	nq	95
73) Carbazole	11.53	167	1510566	36.162	nq	95
74) Di-n-butylphthalate	11.86	149	1858539	39.950	nq	97
75) Fluoranthene	12.51	202	1565677	40.518	nq	98
77) Benzidine	12.63	184	364504	19.159	nq	96
78) Pyrene	12.74	202	1555794	42.637	nq	95
80) Butylbenzylphthalate	13.36	149	763896	42.949	nq	94
81) Benzo(a)anthracene	13.93	228	1042985	37.062	nq	98
82) 3,3'-Dichlorobenzidine	13.89	252	199837	17.468	nq	99
83) Chrysene	13.96	228	1201745	40.537	nq	97
84) Bis(2-ethylhexyl)phthalate	13.92	149	1006900	44.323	nq	99
85) Di-n-octyl phthalate	14.53	149	1656140	43.220	nq	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	912549	42.650	nq	96
88) Benzo(b)fluoranthene	14.96	252	849767	36.108	nq	98
89) Benzo(k)fluoranthene	14.99	252	986102	43.852	nq	98
90) Benzo(a)pyrene	15.32	252	879428	41.439	nq	97
91) Dibenzo(a,h)anthracene	16.80	278	763828	45.627	nq	95
92) Benzo(g,h,i)perylene	17.22	276	761604	46.348	nq	93

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



#1

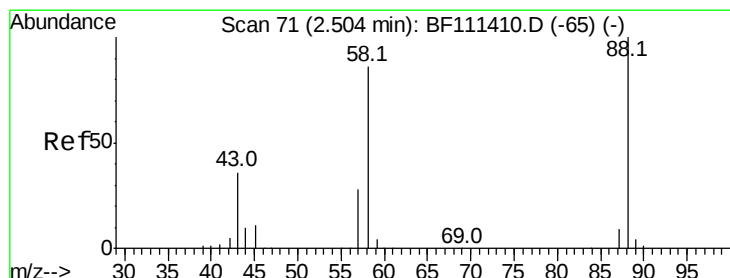
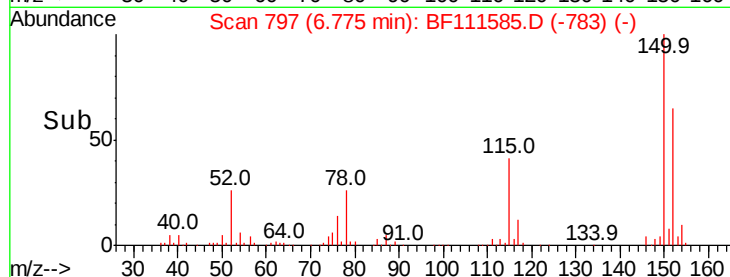
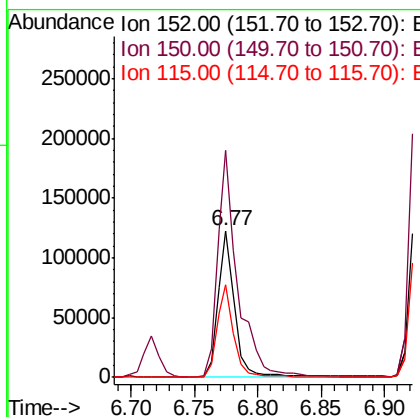
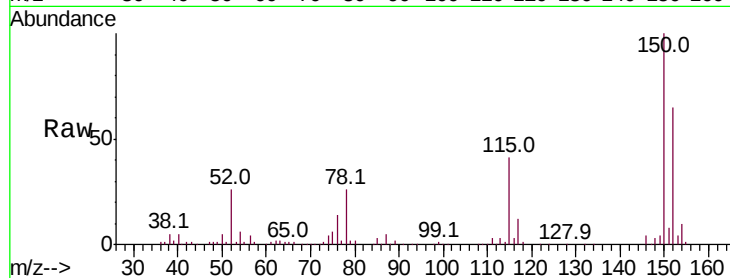
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	62.9	50.7	76.1

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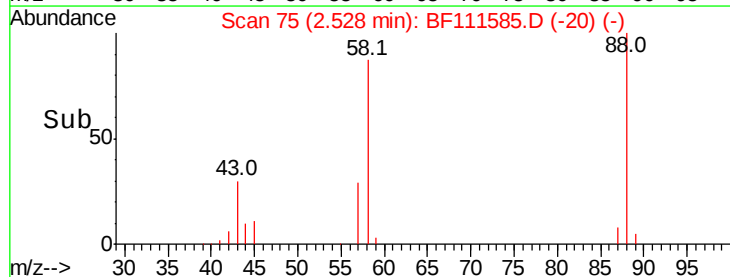
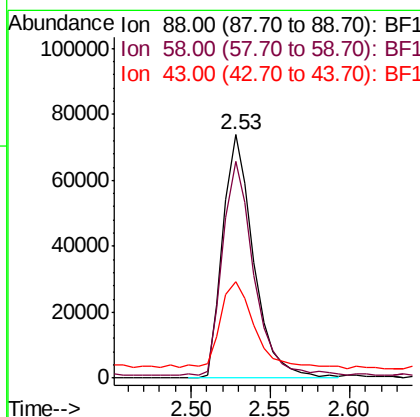
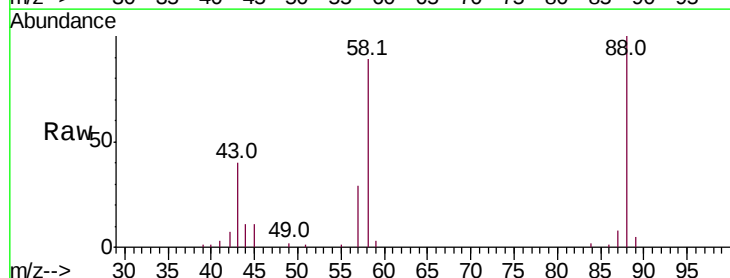
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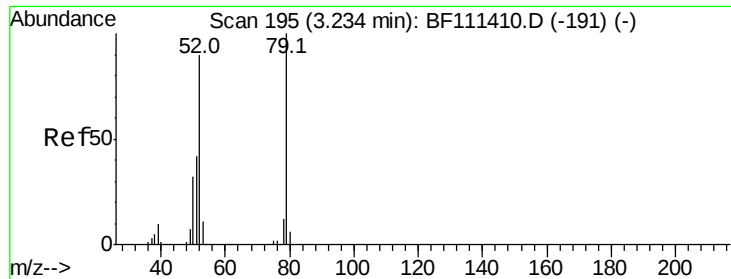


#2

1,4-Dioxane
Concen: 29.974 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	68.9	103.3
43	40.9	25.8	38.6





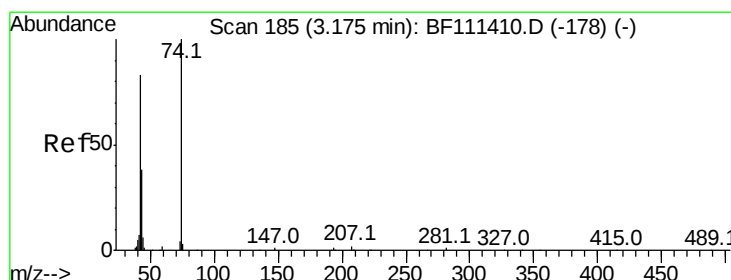
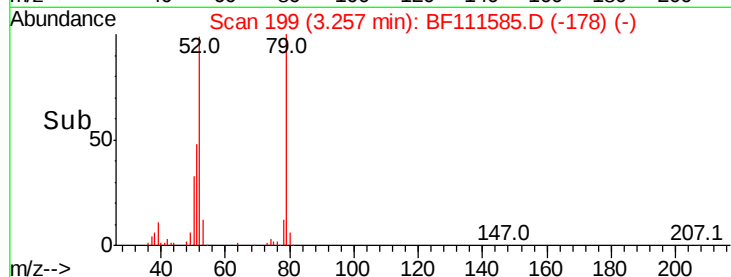
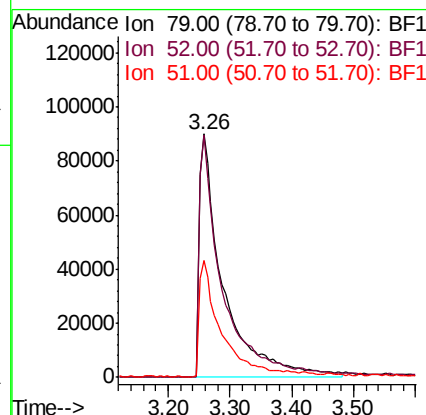
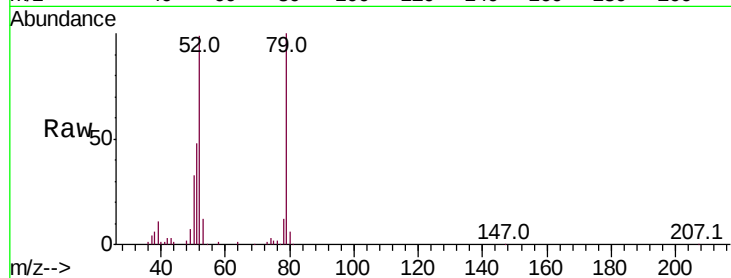
#3
Pvridine
Concen: 28.915 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.5	68.3	102.5
51	47.8	32.6	49.0

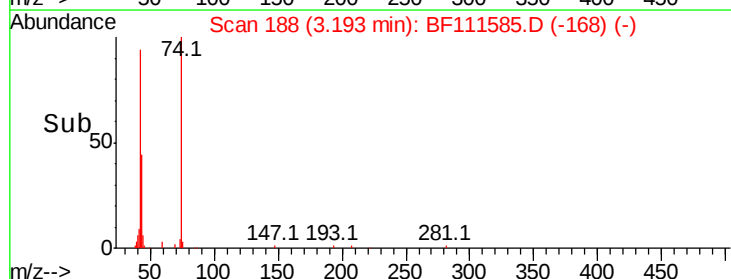
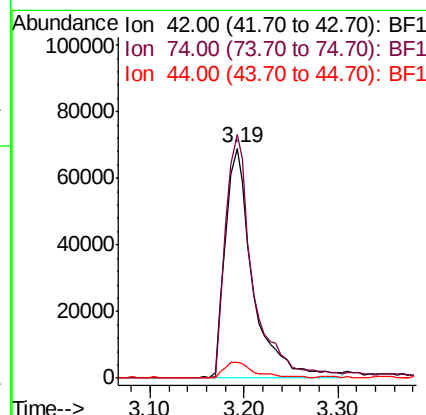
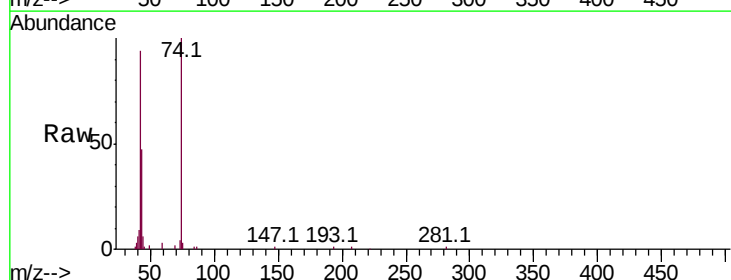
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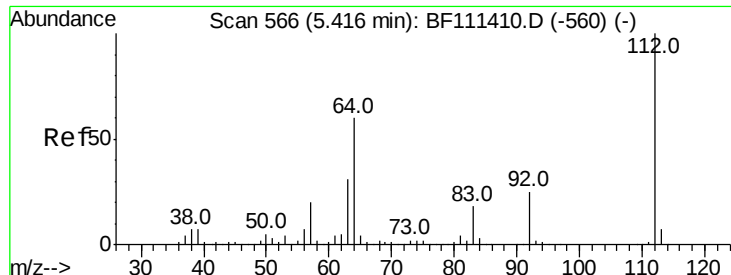
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#4
n-Nitrosodimethylamine
Concen: 37.707 ng
RT: 3.19 min Scan# 188
Delta R.T. 0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.1	101.5	152.3
44	6.8	6.0	9.0





#5

2-Fluorophenol

Concen: 73.391 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

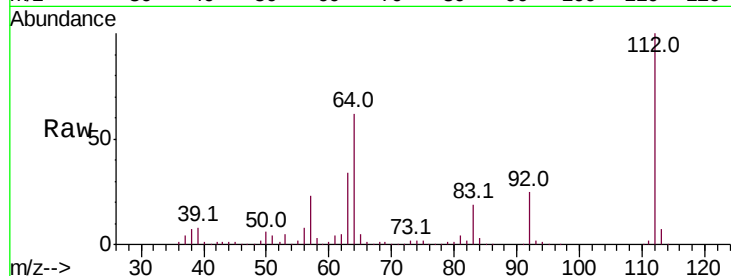
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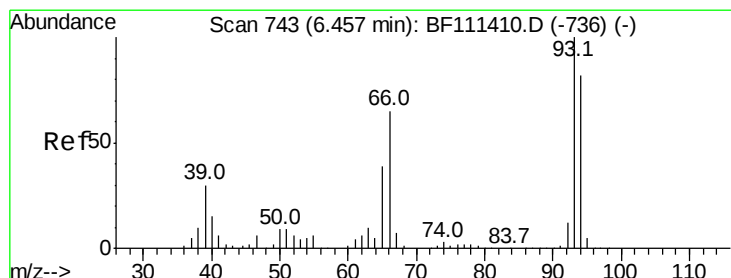
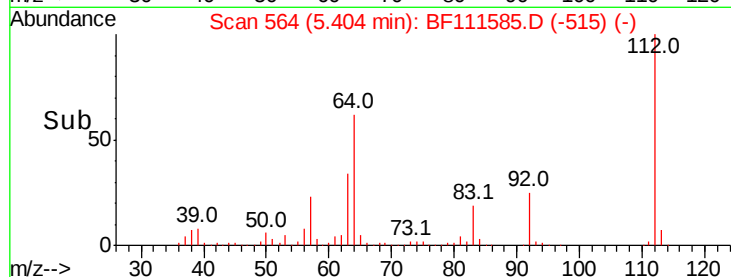
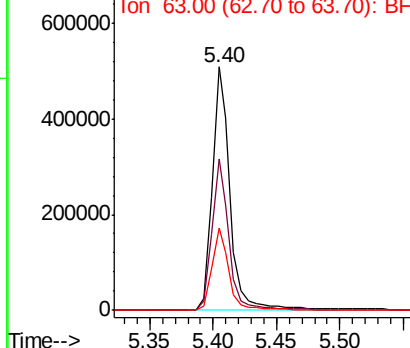
Tot Ion:	112	Resp:	505557
Ion Ratio	Lower	Upper	
112	100		
64	62.4	51.8	77.6
63	34.0	26.8	40.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.822 ng

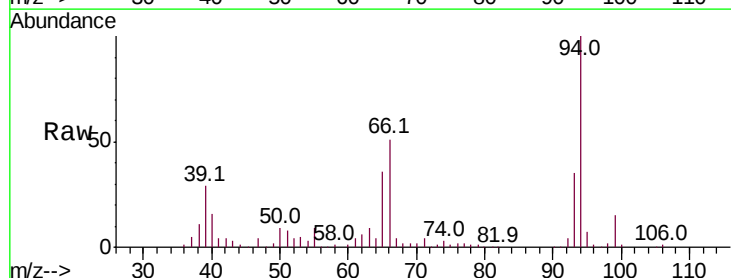
RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

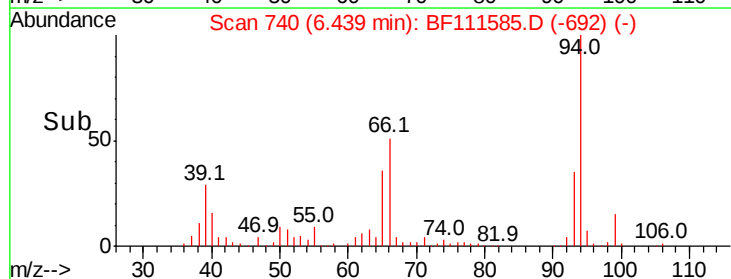
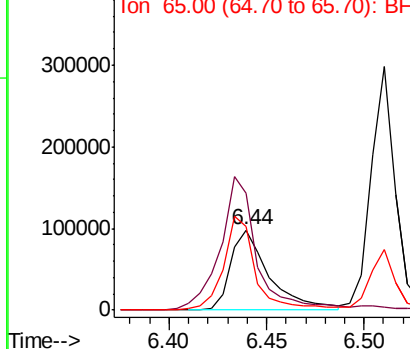
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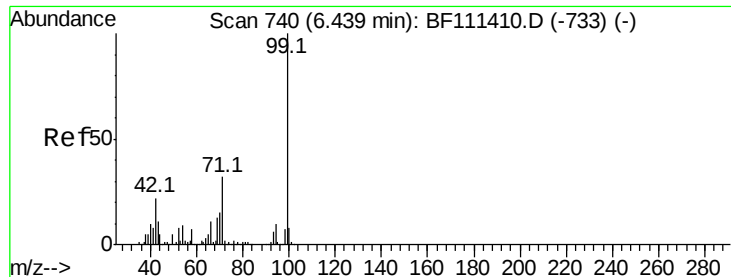
Acq: 18 Dec 2018 19:45

Tgt Ion:	93	Resp:	134375
Ion Ratio	Lower	Upper	
93	100		
66	146.1	33.2	49.8#
65	103.7	17.0	25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.798 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

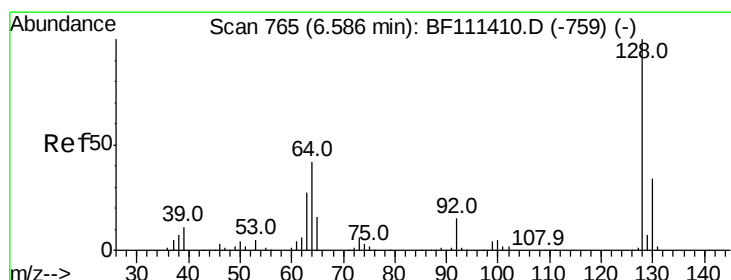
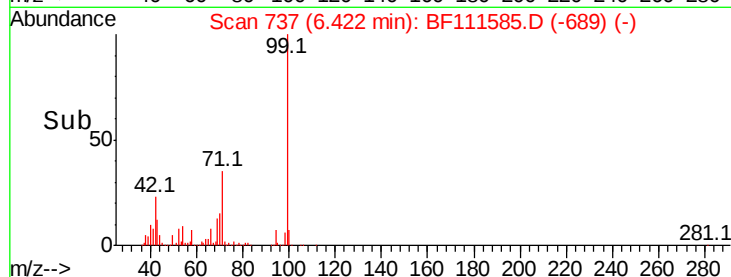
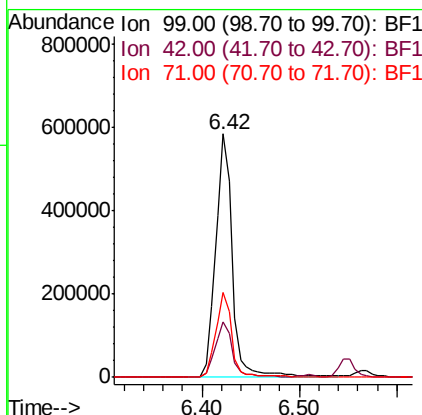
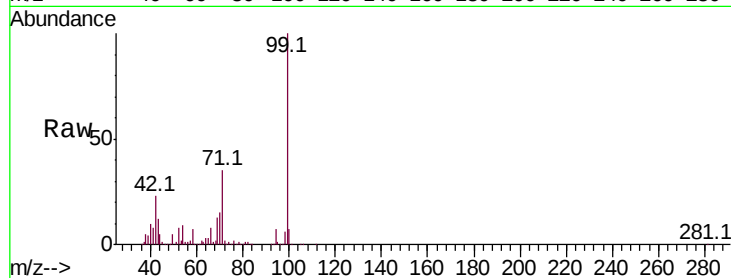
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		694535		
42	23.0	17.4	26.0		
71	35.1	26.1	39.1		

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#8

2-Chlorophenol

Concen: 36.801 ng

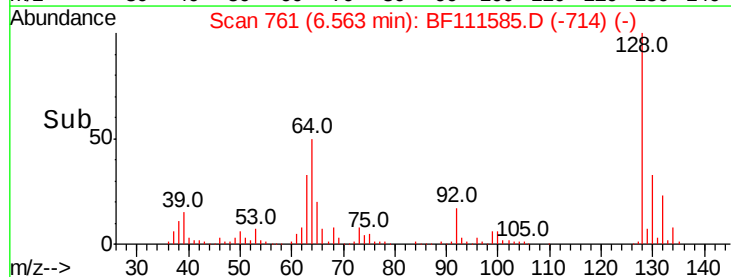
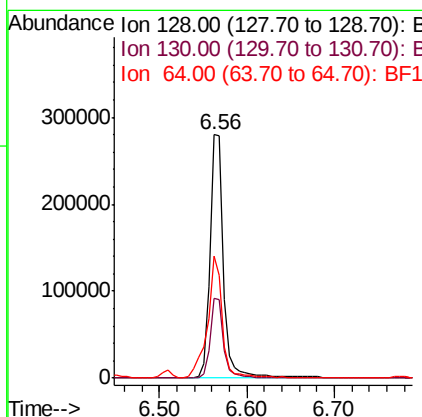
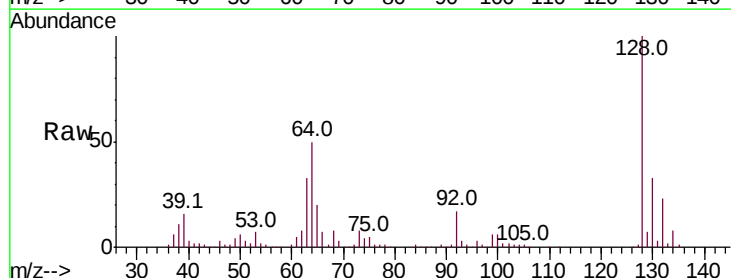
RT: 6.56 min Scan# 761

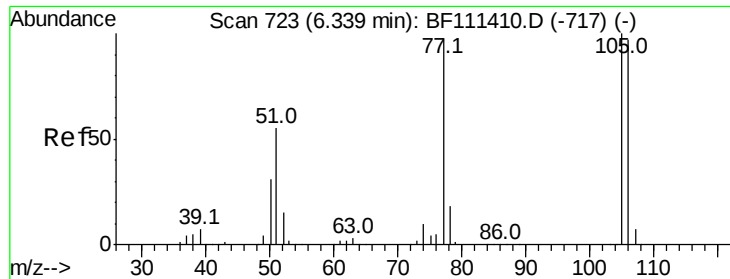
Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		302897		
130	32.6	12.7	52.7		
64	50.3	30.0	70.0		





#9

Benzaldehyde

Concen: 13.697 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

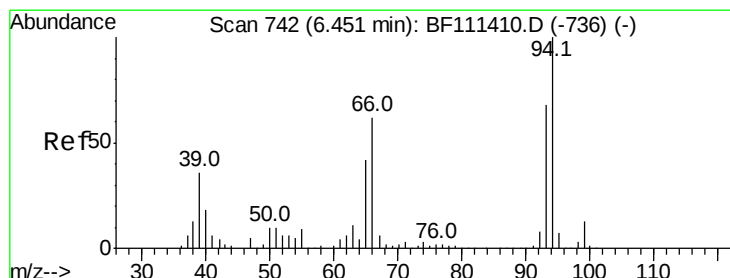
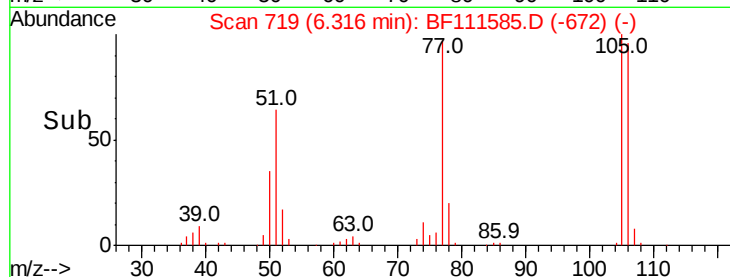
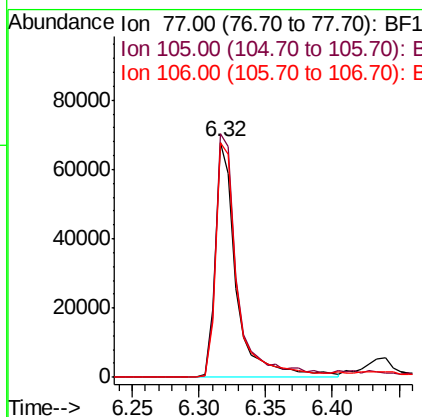
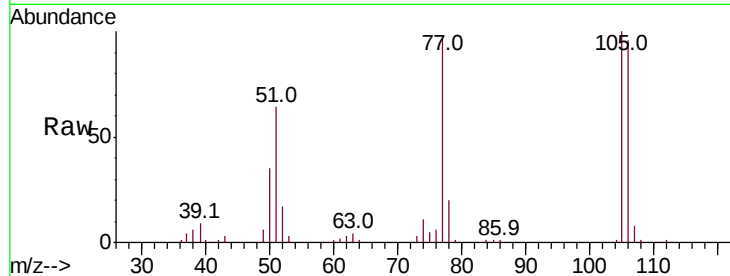
ClientSampleId :

PB115777BS

Tot Ion:	77	Resp:	76127
Ion	Ratio	Lower	Upper
77	100		
105	103.6	81.4	121.4
106	99.8	77.9	117.9

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#10

Phenol

Concen: 33.418 ng

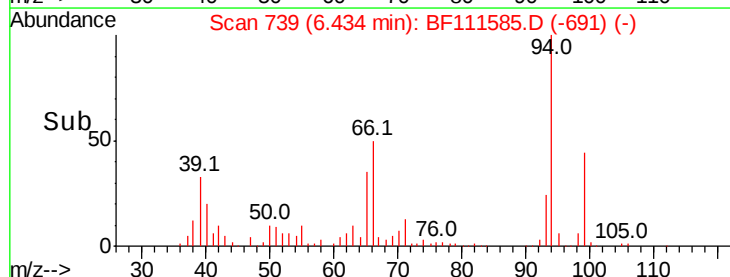
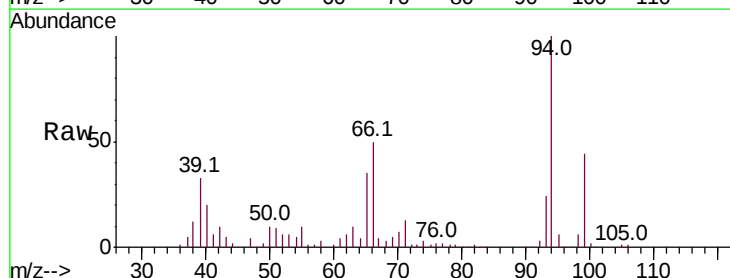
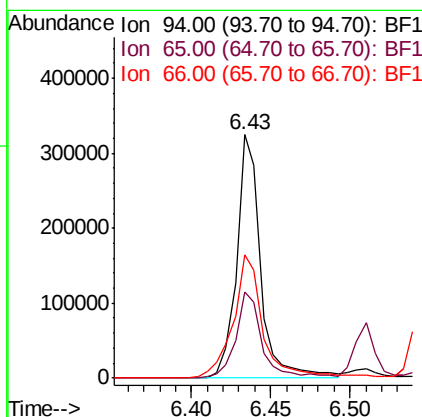
RT: 6.43 min Scan# 739

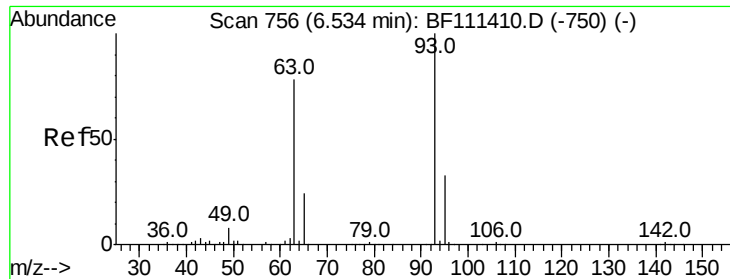
Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion:	94	Resp:	341114
Ion	Ratio	Lower	Upper
94	100		
65	35.4	11.7	51.7
66	50.5	21.0	61.0





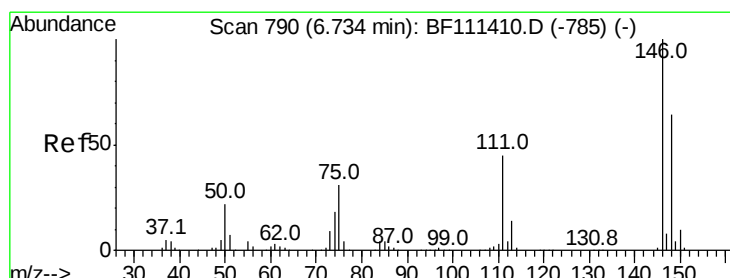
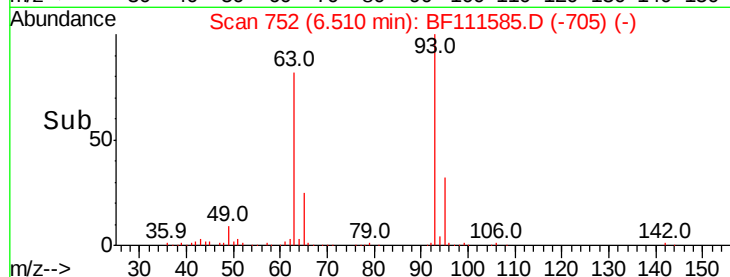
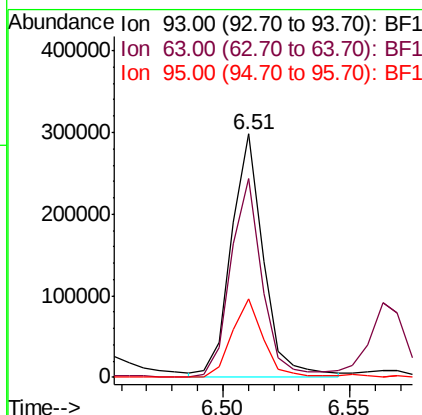
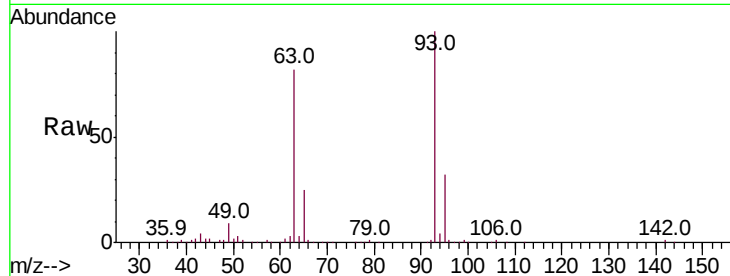
#11
bis(2-Chloroethyl)ether
Concen: 32.870 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion:	93	Resp:	263017
Ion Ratio	Lower	Upper	
93	100		
63	81.5	60.0	100.0
95	32.2	13.4	53.4

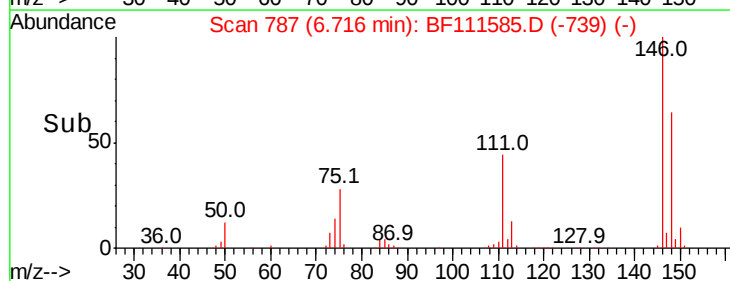
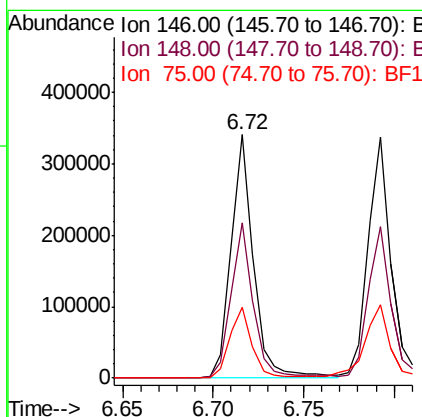
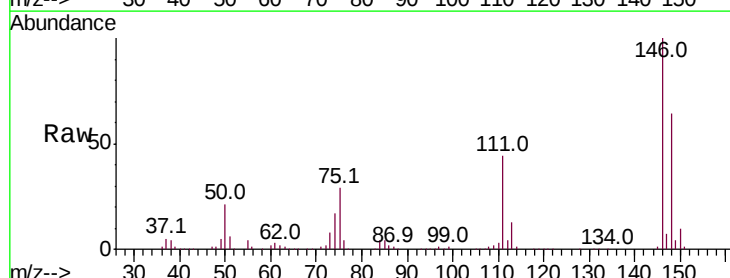
Manual Integrations
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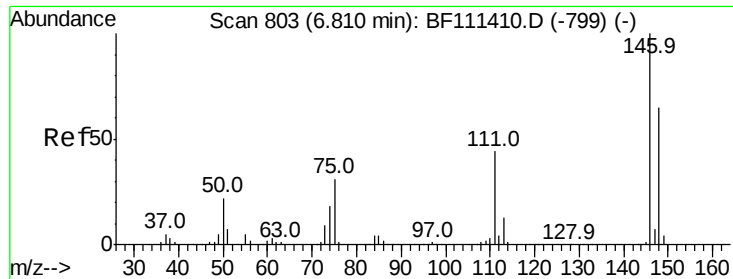
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.775 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:	146	Resp:	296956
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.1	78.1
75	29.1	23.9	35.9





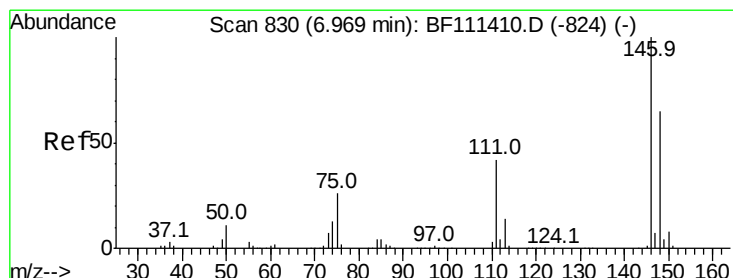
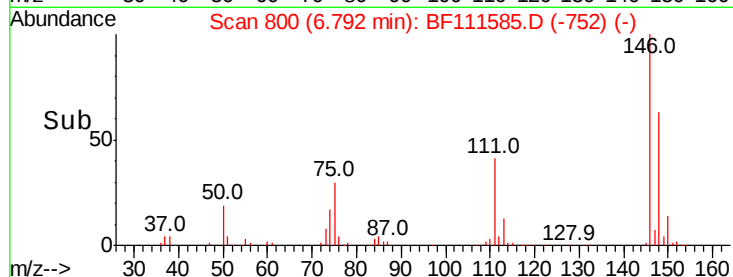
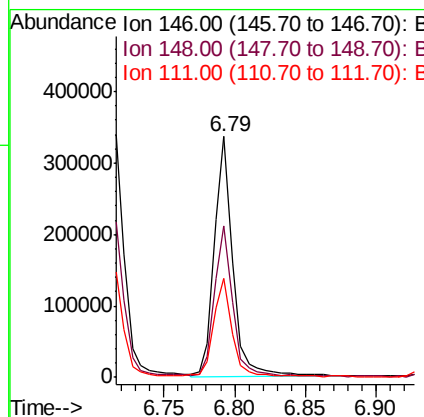
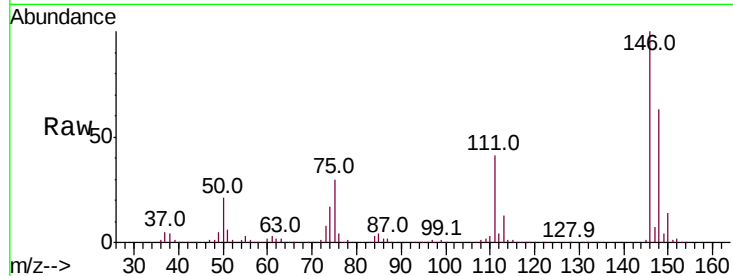
#13
1,4-Dichlorobenzene
Concen: 33.299 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.8	79.2
111	41.1	33.4	50.0

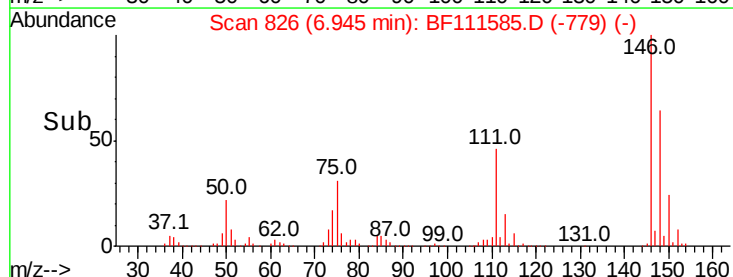
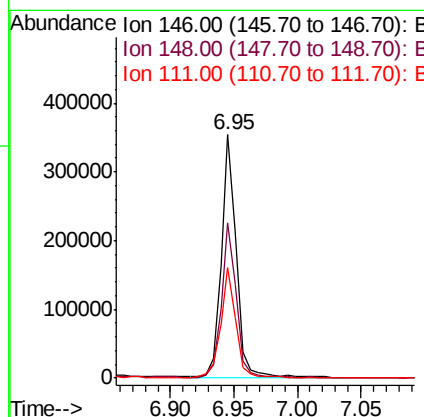
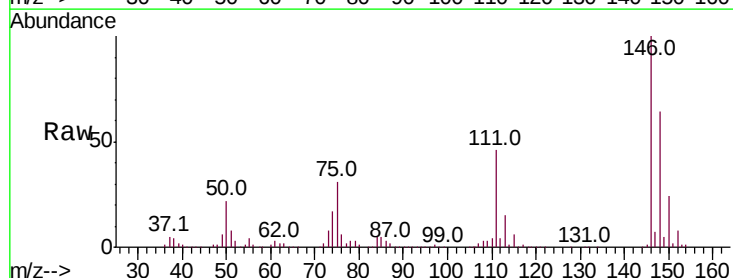
Manual Integrations
APPROVED

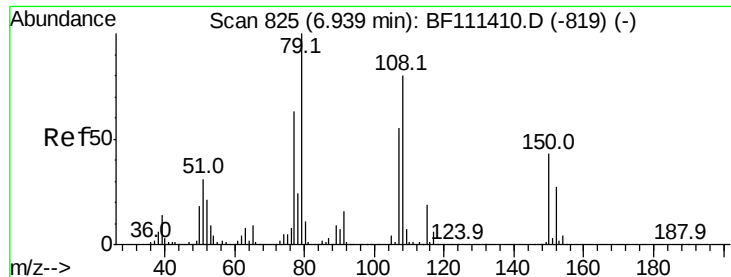
Sohil
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#14
1,2-Dichlorobenzene
Concen: 33.629 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	45.6	36.2	54.4





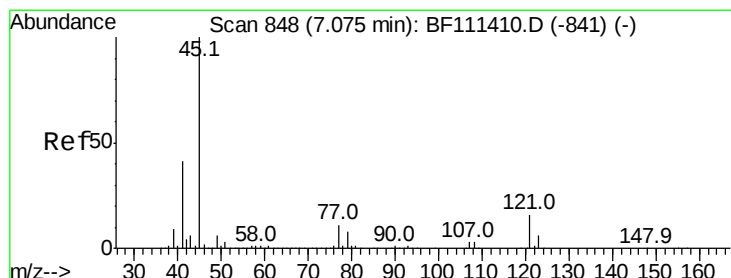
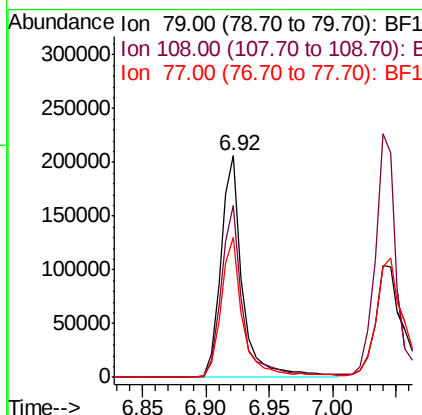
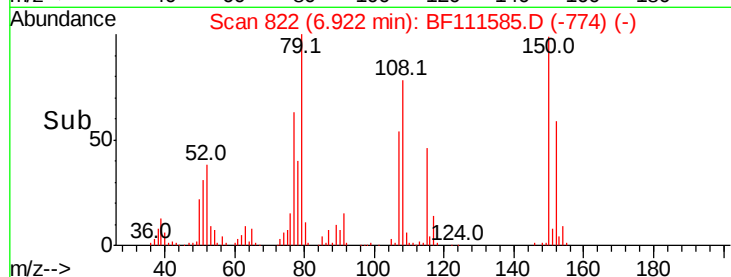
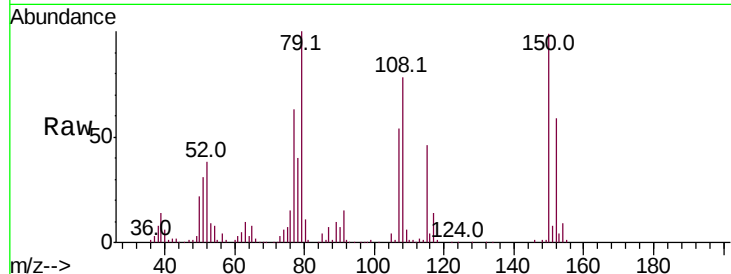
#15
Benzyl Alcohol
Concen: 35.162 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	69.4	104.2
77	63.4	49.7	74.5

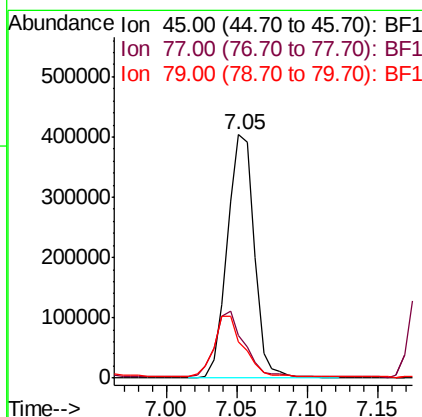
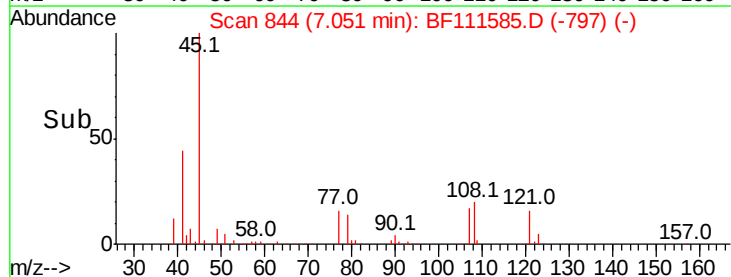
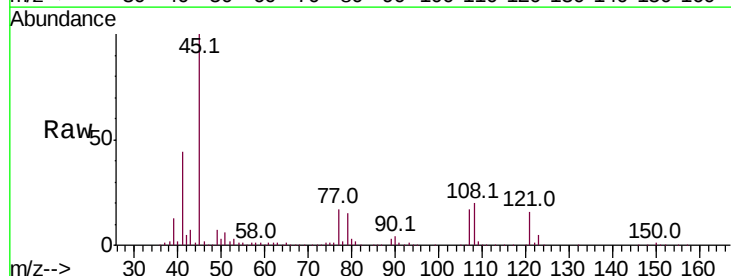
Manual Integrations
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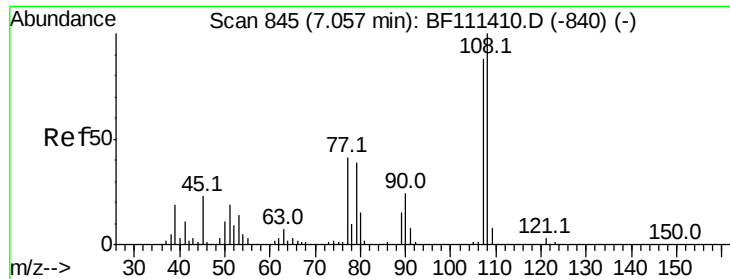
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.541 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	31.5
79	15.0	0.0	28.9





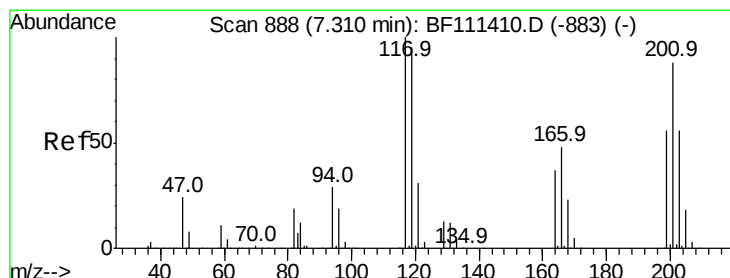
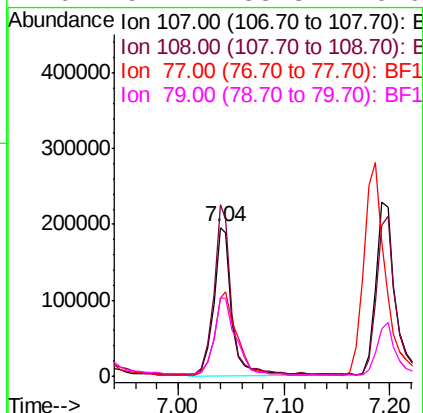
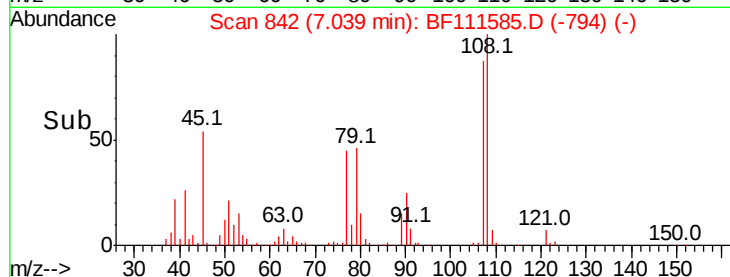
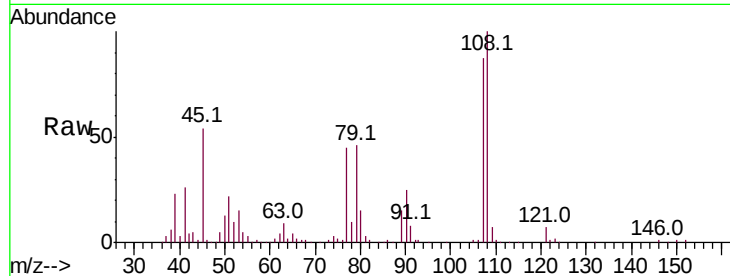
#17
2-Methylphenol
Concen: 36.027 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	91.0	136.4	
77	52.2	33.5	50.3#	
79	52.7	33.3	49.9#	

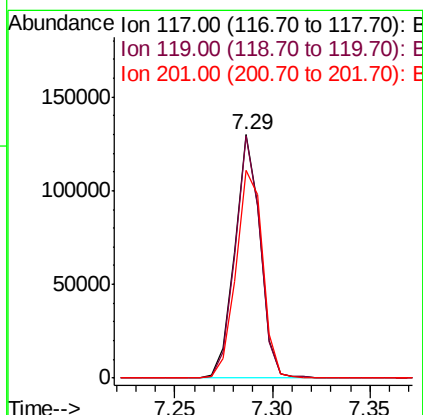
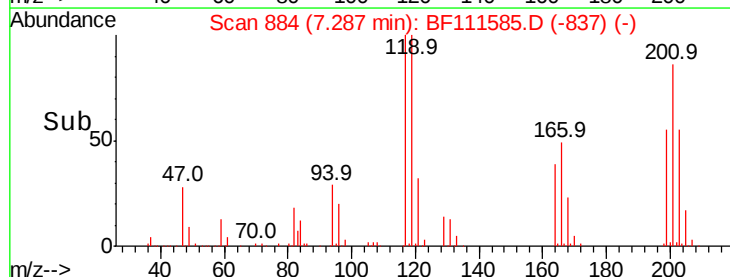
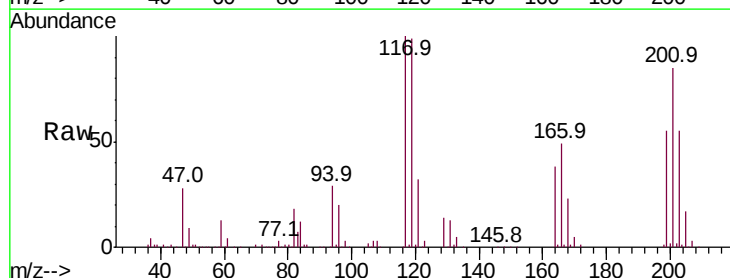
Manual Integrations
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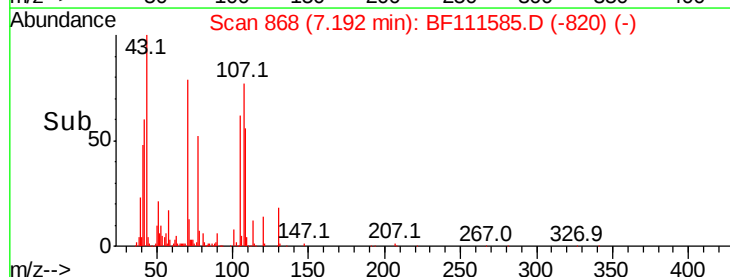
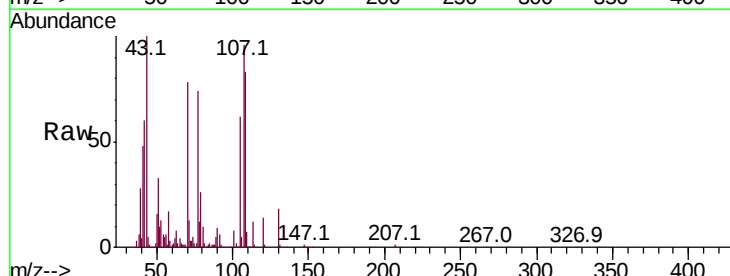
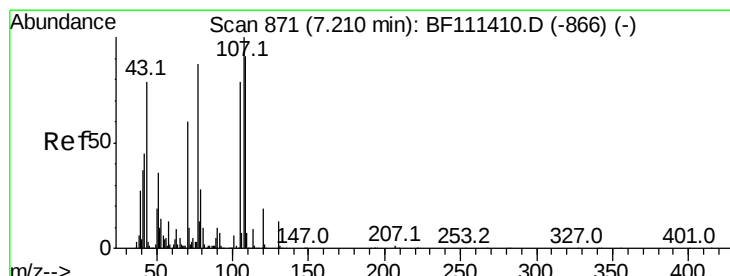
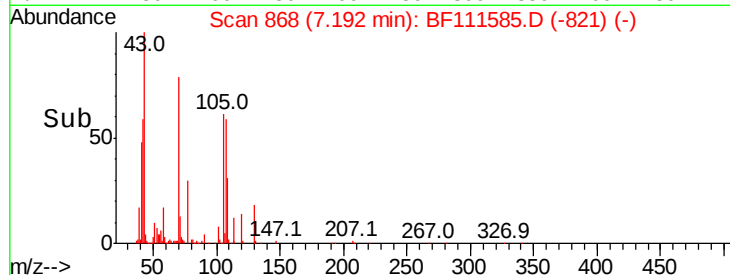
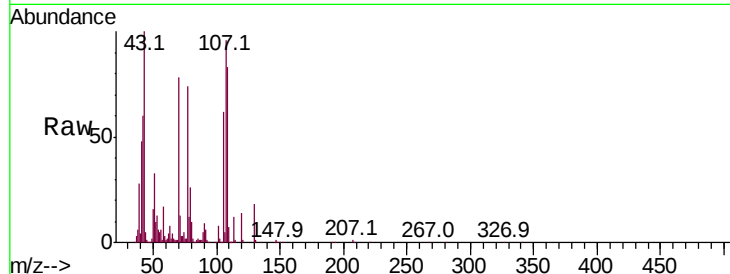
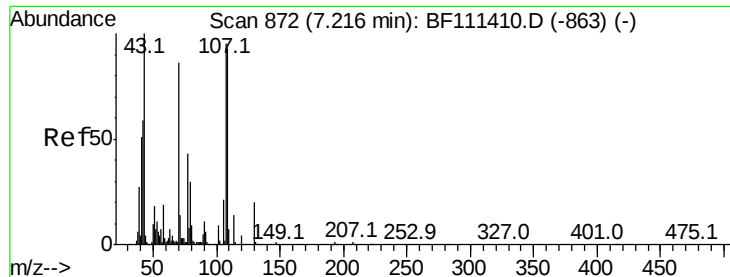
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#18
Hexachloroethane
Concen: 34.171 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	75.4	113.0	
201	85.2	62.4	93.6	





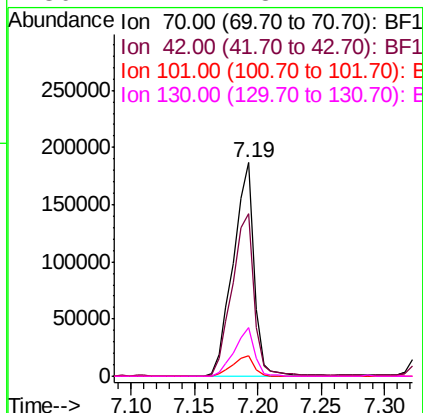
#19
n-Nitroso-di-n-propylamine
Concen: 35.463 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.3	53.2	79.8
101	9.7	8.2	12.4
130	22.7	18.1	27.1

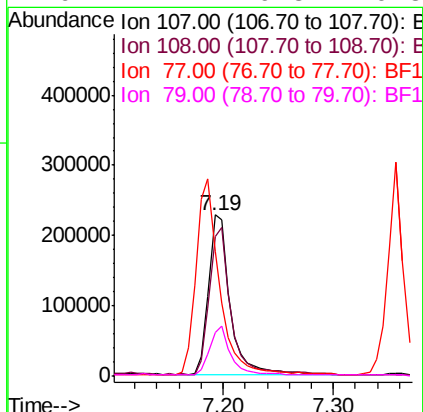
Manual Integrations
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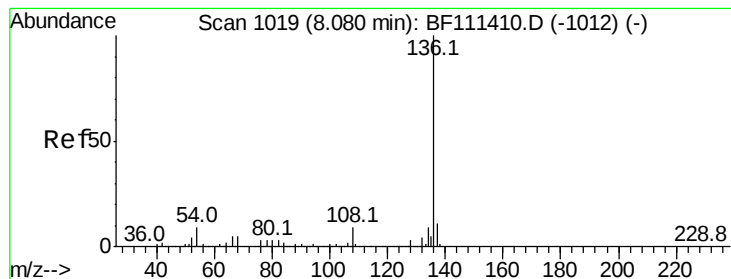
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#20
3+4-Methylphenols
Concen: 36.492 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	72.1	112.1
77	77.2	94.1	134.1#
79	27.2	9.8	49.8





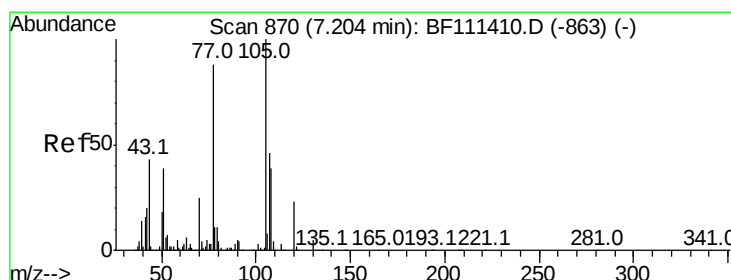
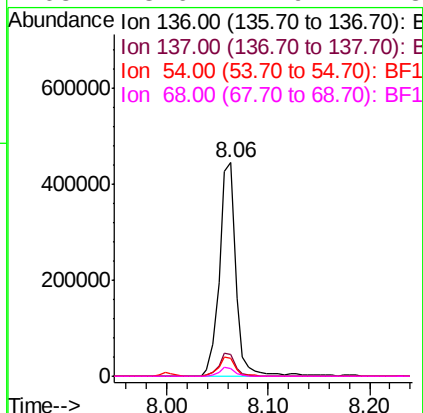
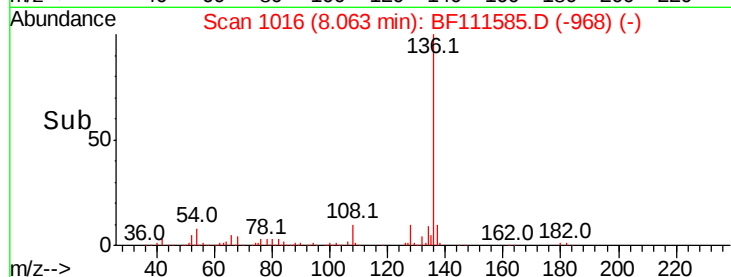
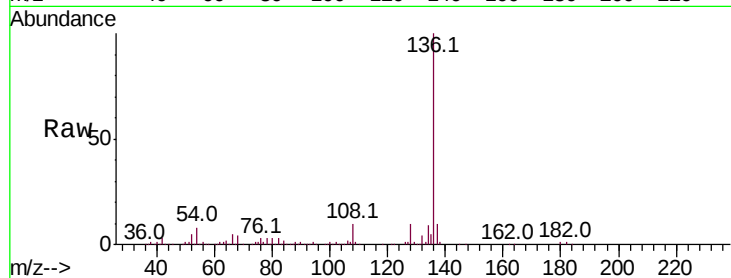
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	8.2	7.7	11.5	
68	3.6	4.9	7.3#	

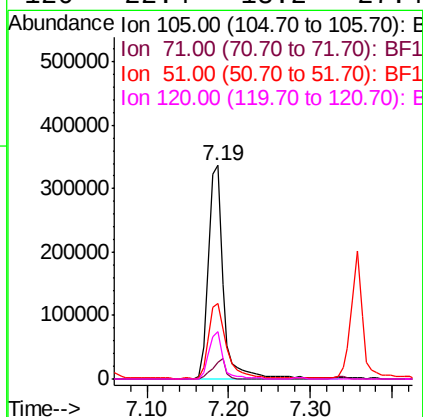
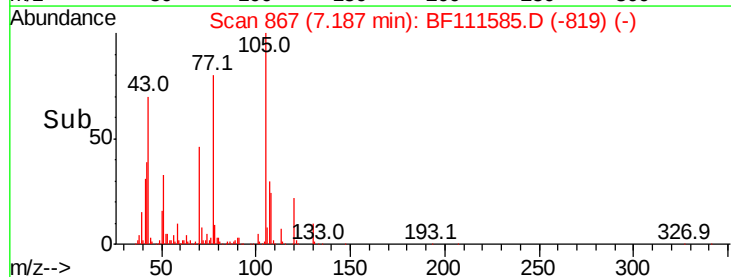
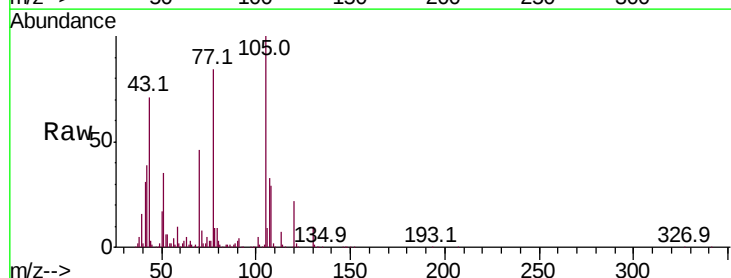
Manual Integrations
APPROVED

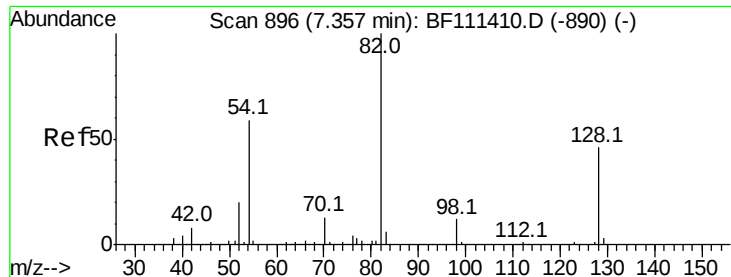
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#22
Acetophenone
Concen: 38.382 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	3.1	4.7#	
51	35.2	36.6	54.8#	
120	22.4	18.2	27.4	





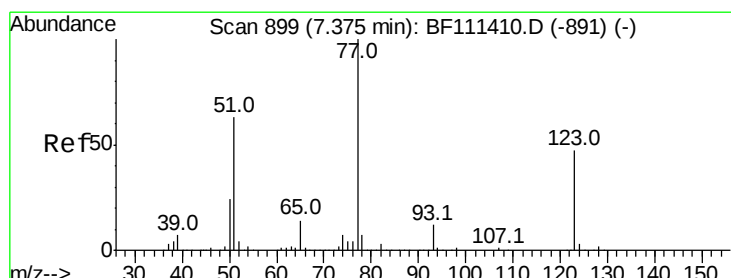
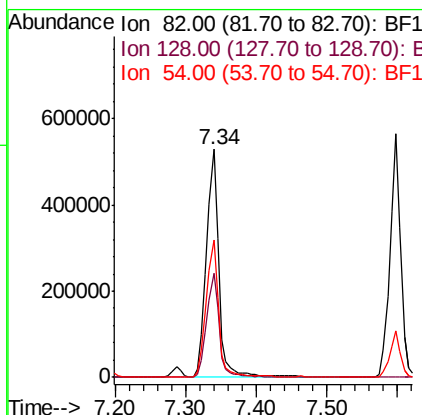
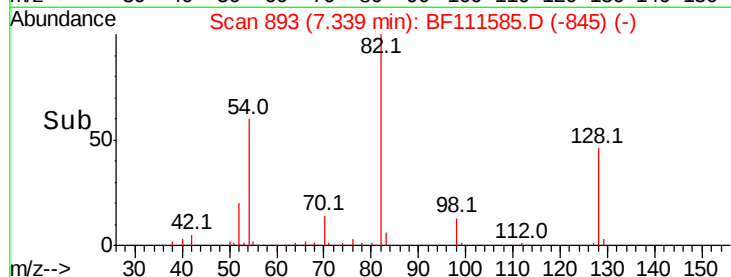
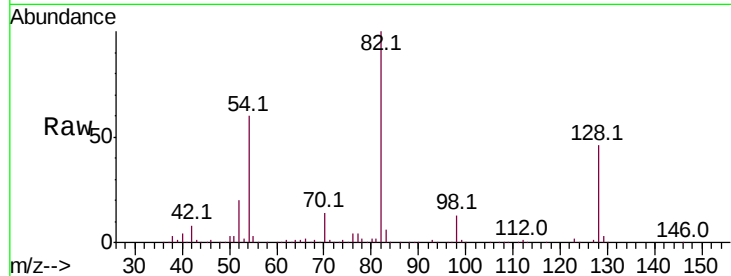
#23
 Nitrobenzene-d5
 Concen: 77.138 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion:	82	Resp:	653334
Ion Ratio	Lower	Upper	
82	100		
128	45.5	37.4	56.2
54	60.5	47.6	71.4

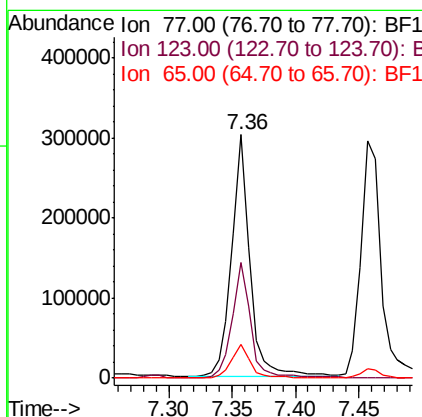
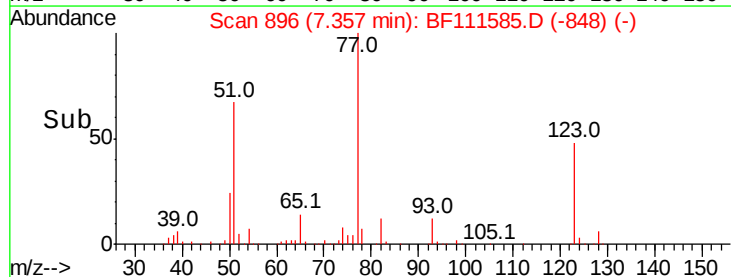
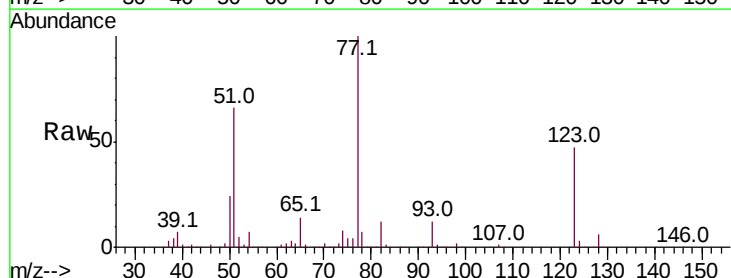
Manual Integrations
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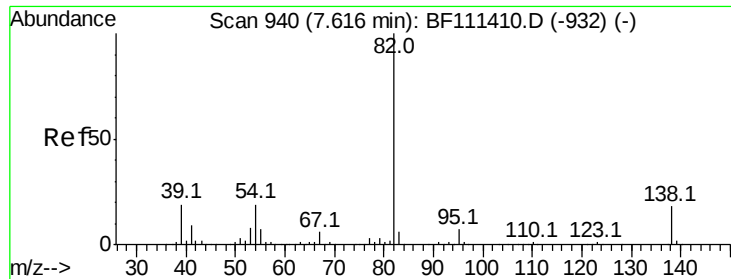
Sohil
 12/19/2018 4:09:28 PM



#24
 Nitrobenzene
 Concen: 34.801 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:	77	Resp:	300681
Ion Ratio	Lower	Upper	
77	100		
123	47.4	37.2	55.8
65	13.8	11.5	17.3





#25

Isophorone

Concen: 41.684 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

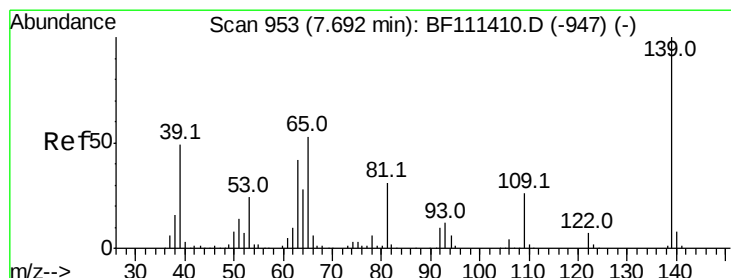
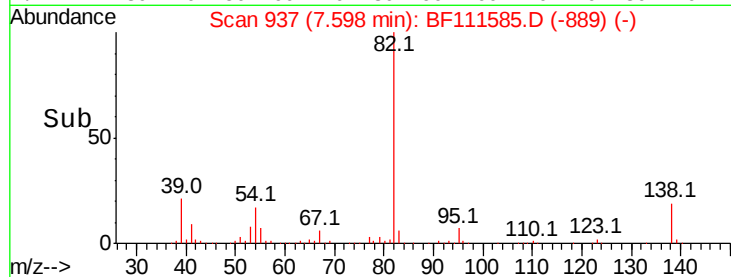
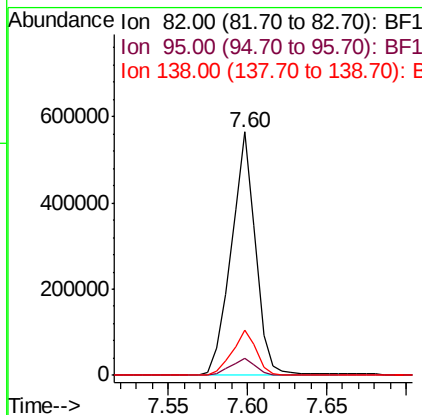
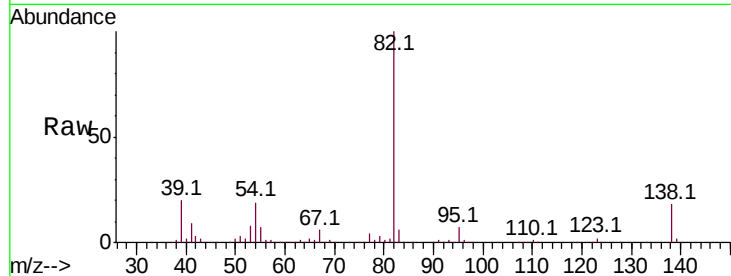
ClientSampleId :

PB115777BS

Tot Ion:	82	Resp:	597364
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.5	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.970 ng

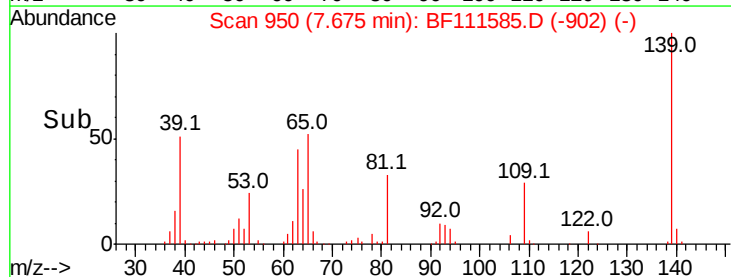
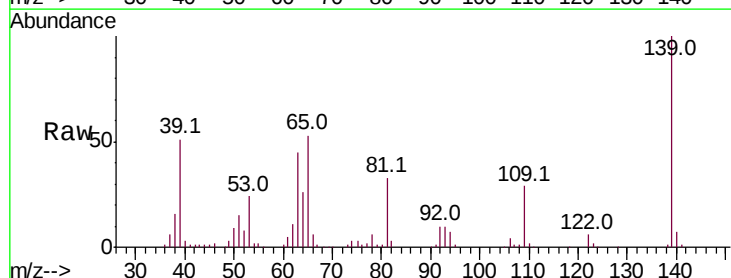
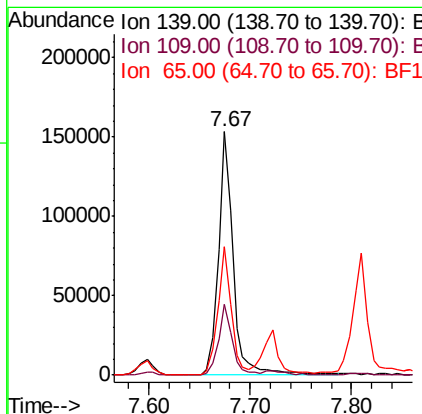
RT: 7.67 min Scan# 950

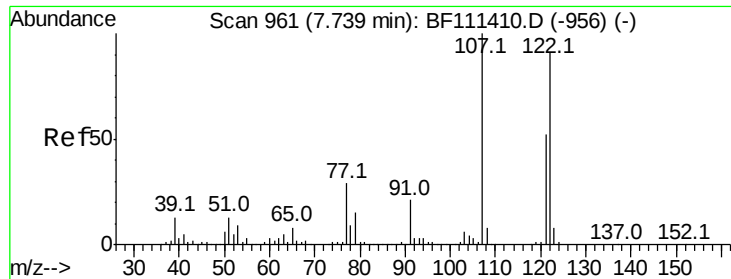
Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion:	139	Resp:	156689
Ion Ratio	Lower	Upper	
139	100		
109	28.8	20.2	30.4
65	52.6	40.7	61.1





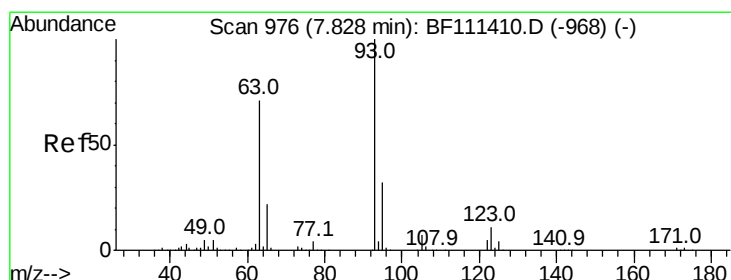
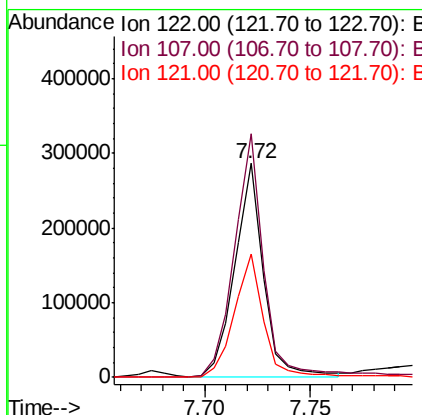
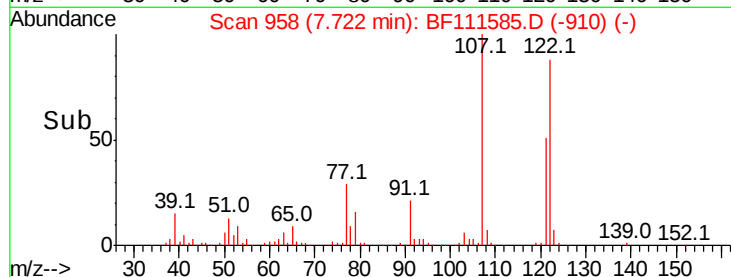
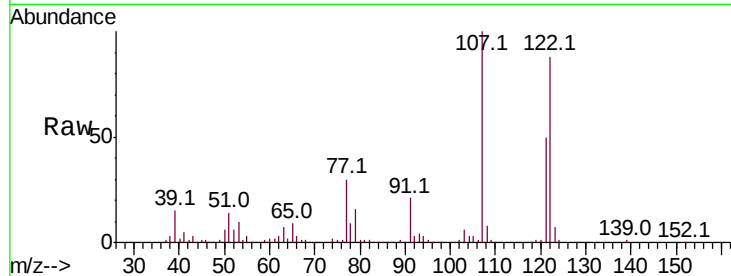
#27
2,4-Dimethylphenol
Concen: 41.323 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	85.5	128.3
121	57.5	46.6	70.0

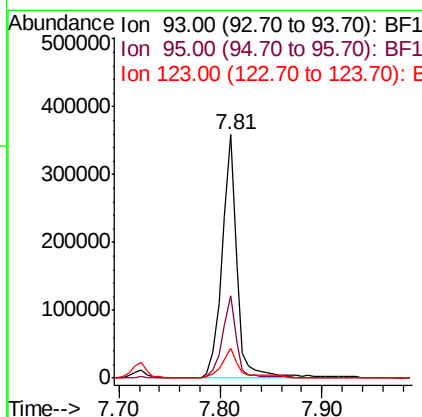
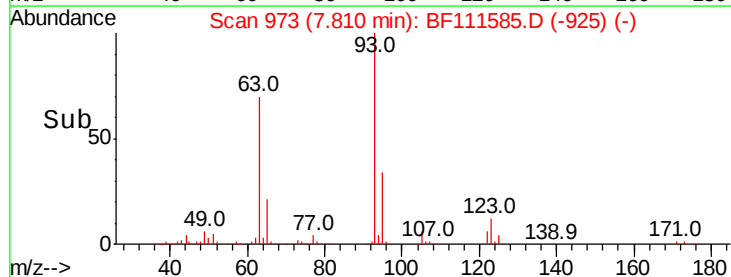
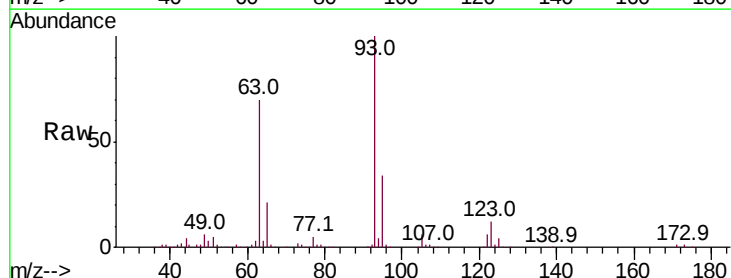
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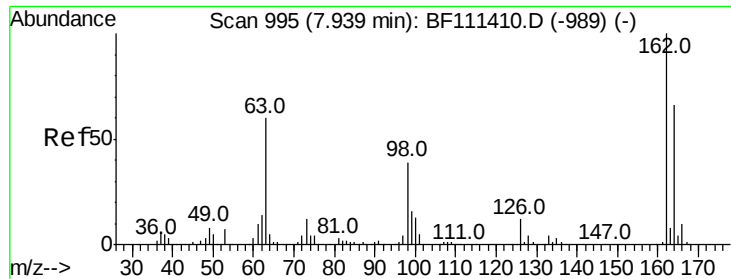
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12/19/2018 4:09:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.963 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.1	40.7
123	12.1	9.9	14.9





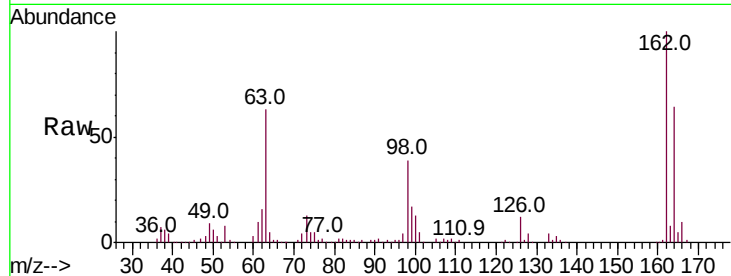
#29
 2,4-Dichlorophenol
 Concen: 38.704 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.4	84.4
98	39.0	20.3	60.3

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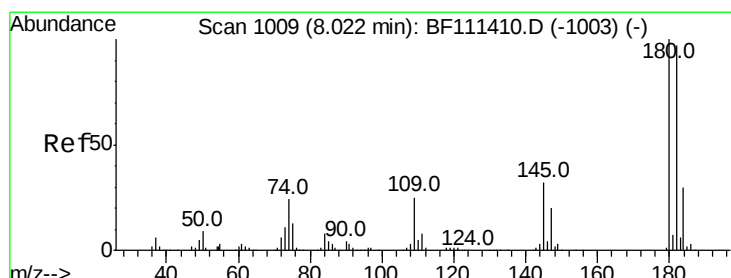
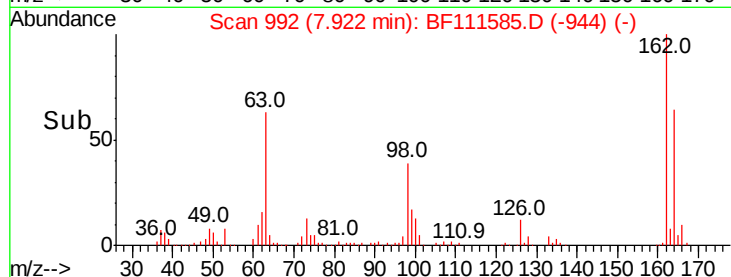
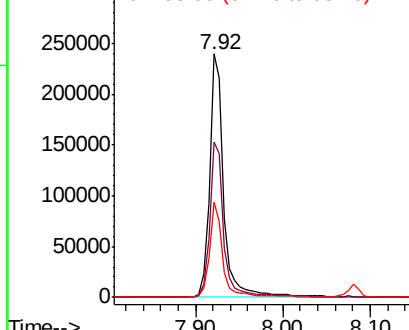


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.059 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

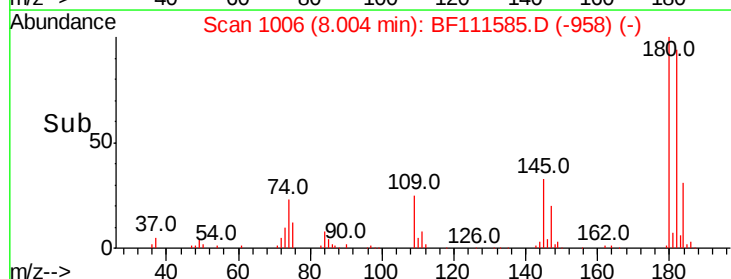
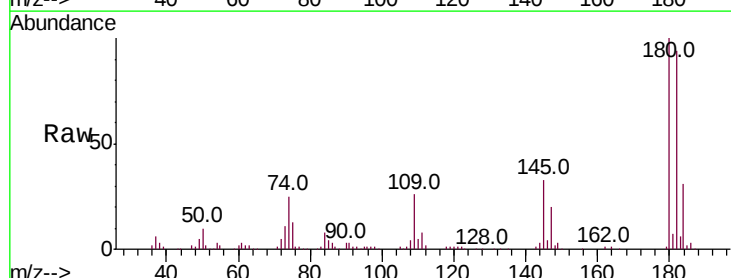
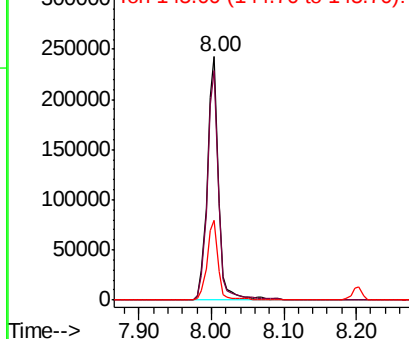
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	75.6	113.4
145	32.6	26.7	40.1

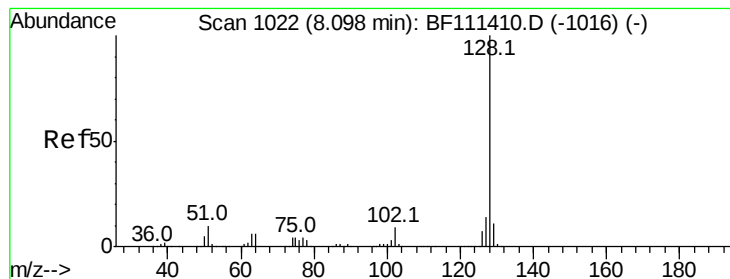
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.304 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

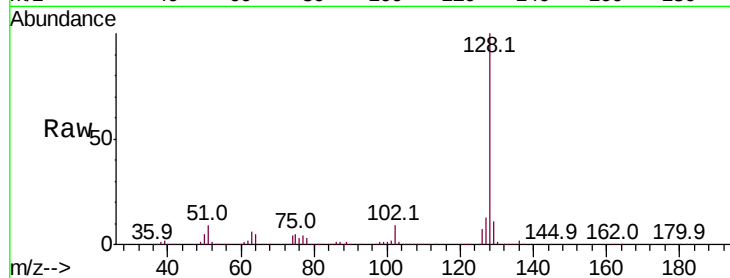
ClientSampleId :

PB115777BS

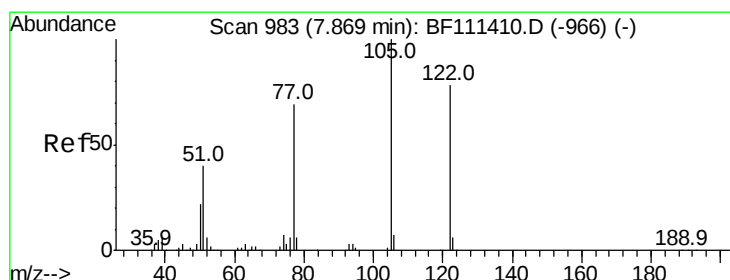
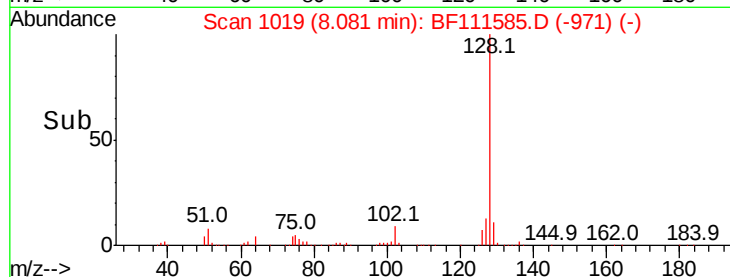
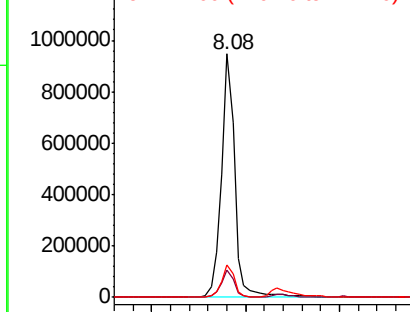
Tot Ion:128	Resp:	950765
Ion Ratio	Lower	Upper
128	100	
129	11.1	9.8 14.8
127	13.1	12.0 18.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.131 ng m

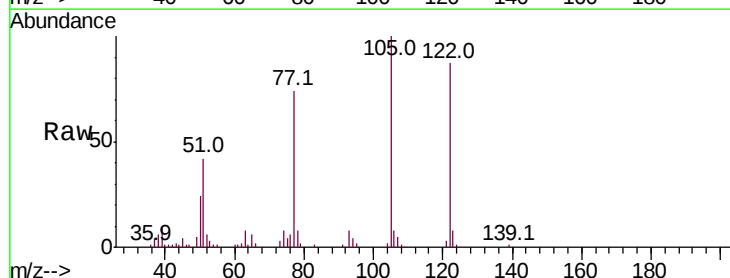
RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

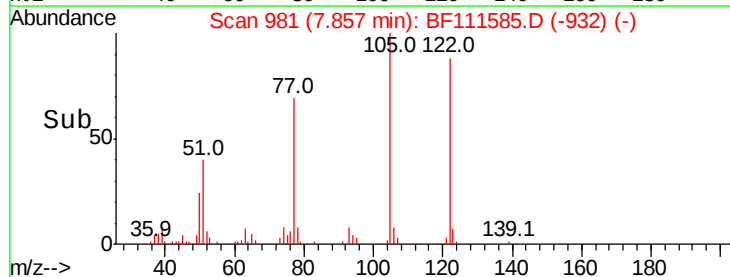
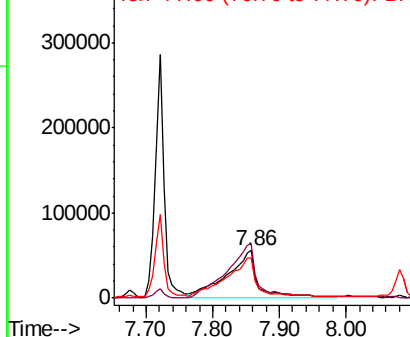
Lab File: BF111585.D

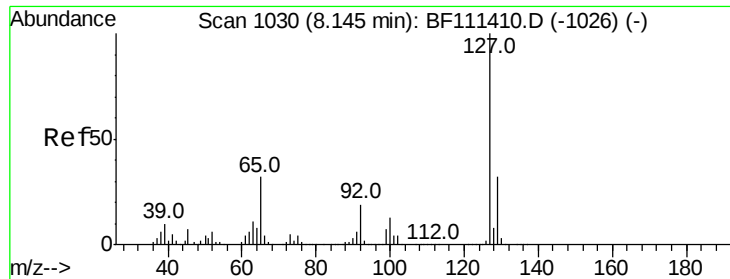
Acq: 18 Dec 2018 19:45

Tgt Ion:122	Resp:	180359
Ion Ratio	Lower	Upper
122	100	
105	114.5	97.0 137.0
77	84.5	65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





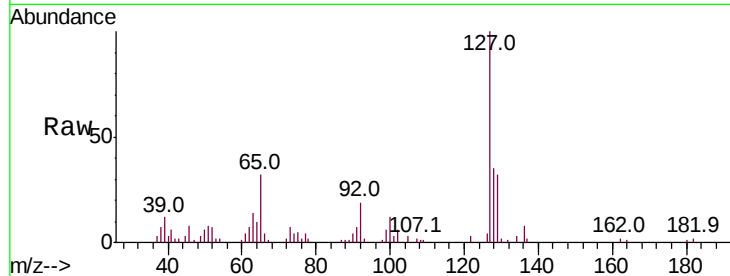
#33
4-Chloroaniline
Concen: 5.695 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

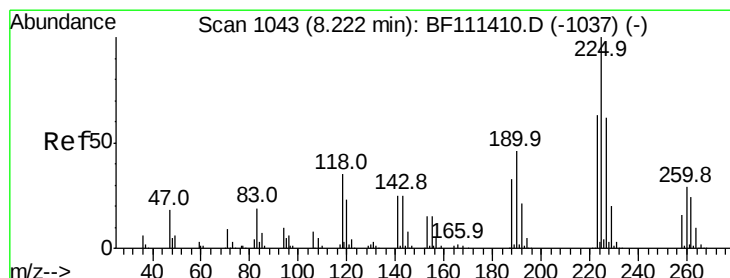
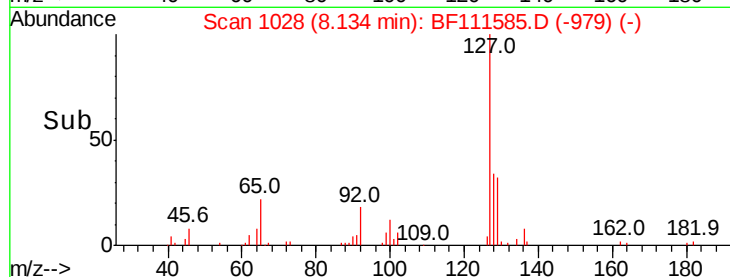
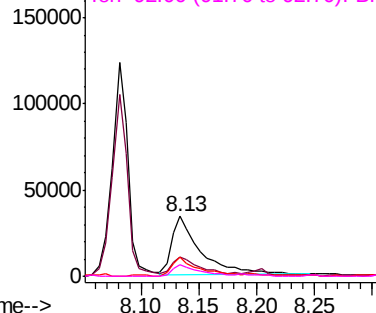
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.6	39.8	
65	31.7	25.7	38.5	
92	18.8	15.4	23.2	

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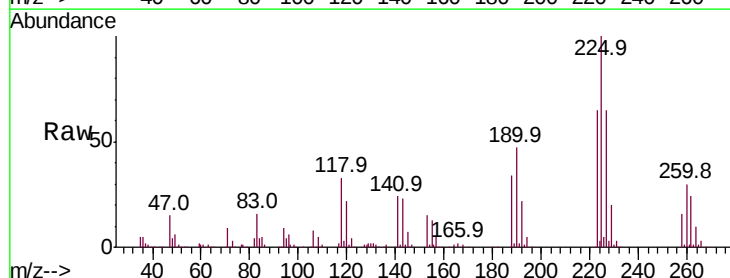


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

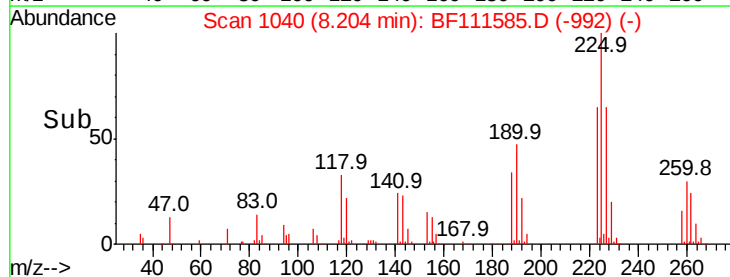
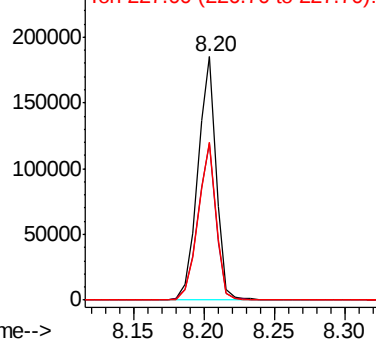


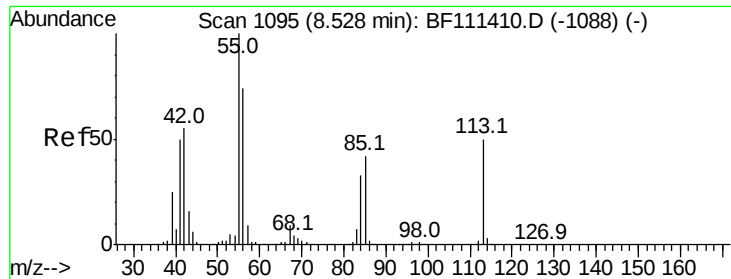
#34
Hexachlorobutadiene
Concen: 41.724 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	50.7	76.1	
227	64.6	52.6	78.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





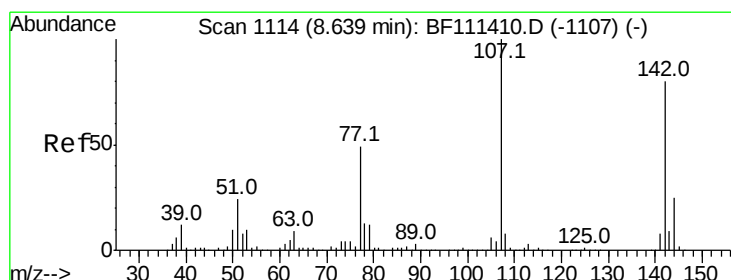
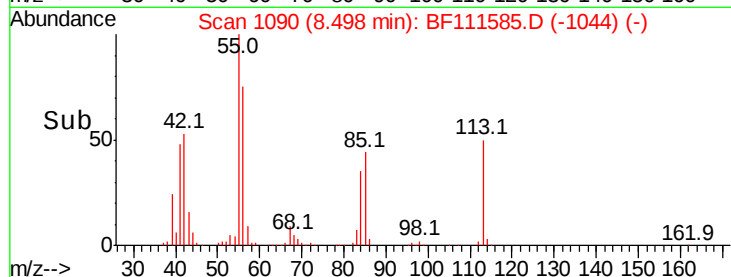
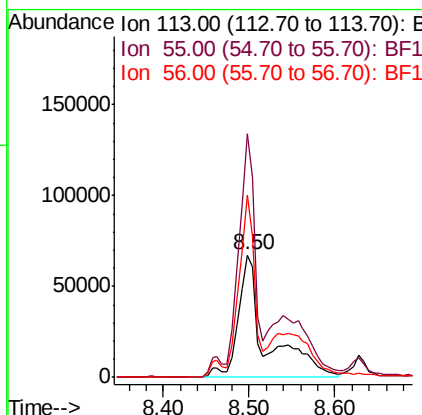
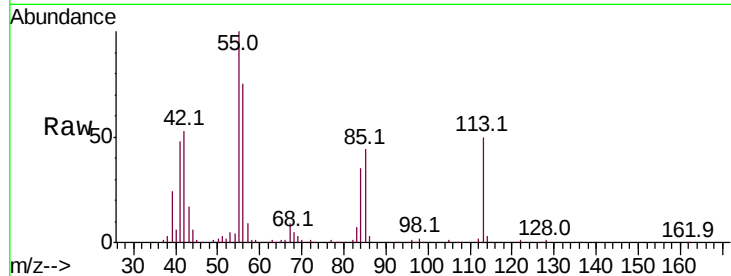
#35
Caprolactam
Concen: 58.582 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	198.6	184.1	224.1	
56	148.9	126.0	166.0	

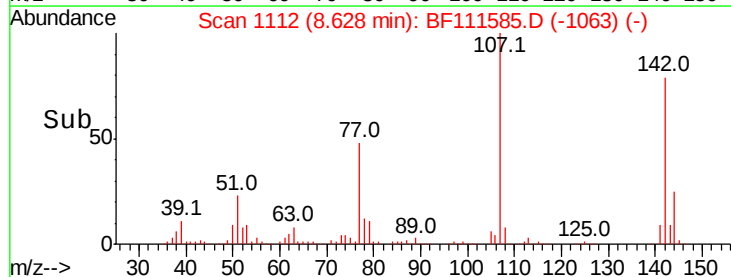
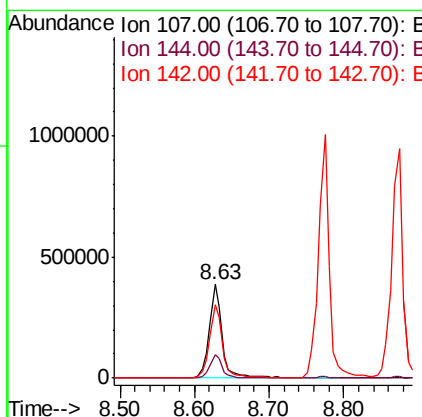
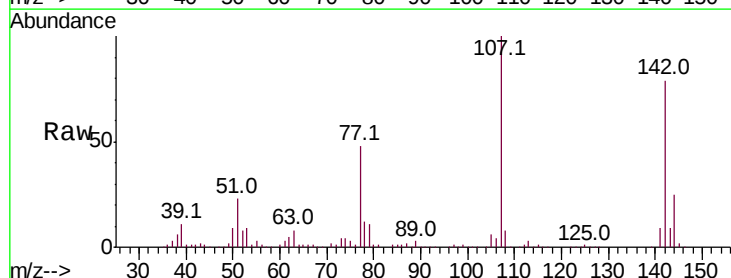
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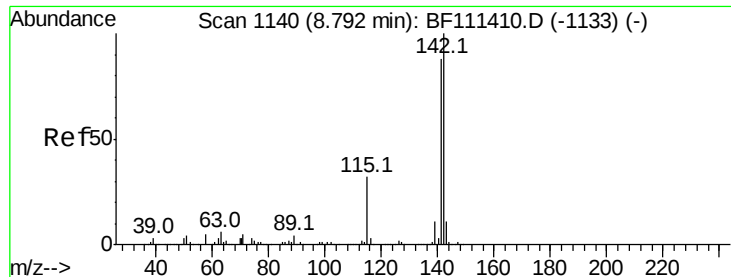
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#36
4-Chloro-3-methylphenol
Concen: 60.823 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.1	19.8	29.6	
142	79.1	62.3	93.5	





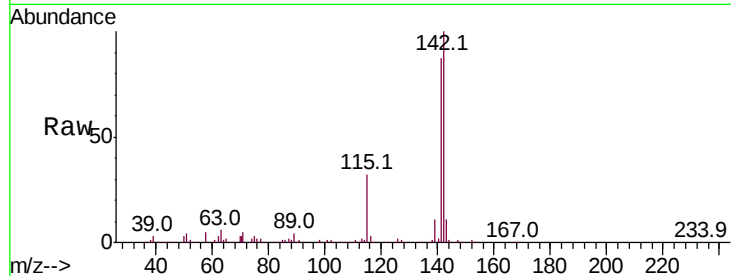
#37
2-Methylnaphthalene
Concen: 63.720 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

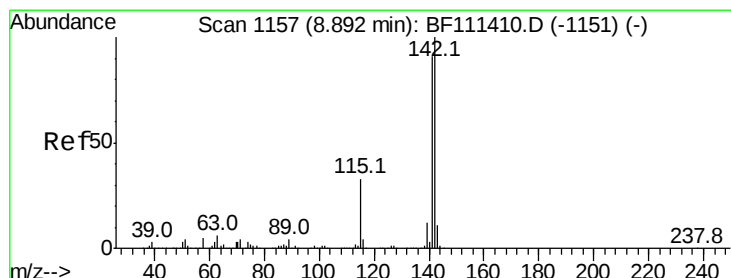
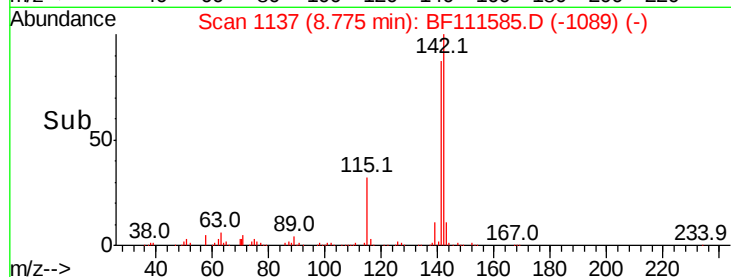
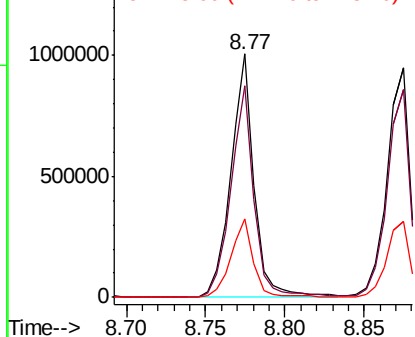
Tot Ion:142 Resp: 1017150
Ion Ratio Lower Upper
142 100
141 86.7 70.6 105.8
115 32.2 27.0 40.6

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12/19/2018 4:09:28 PM

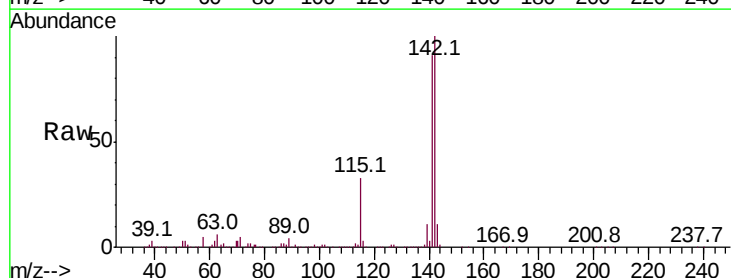


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

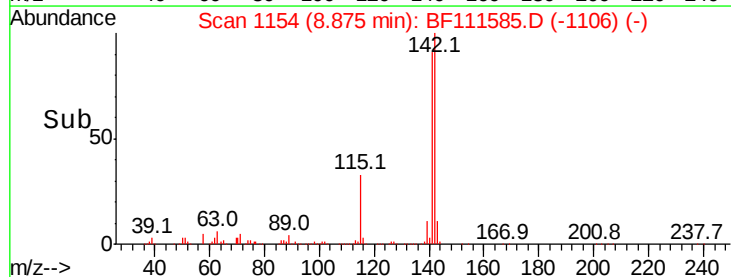
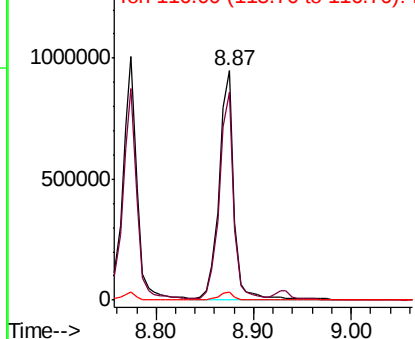


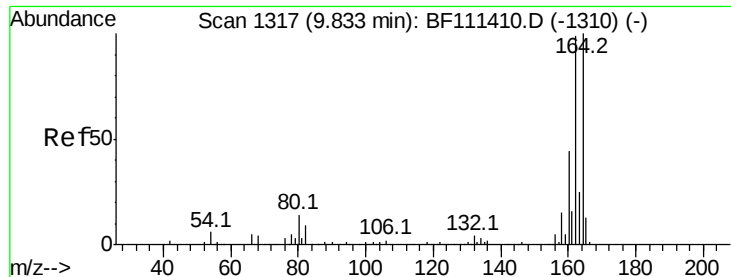
#38
1-Methylnaphthalene
Concen: 63.998 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:142 Resp: 986931
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4
116 3.3 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





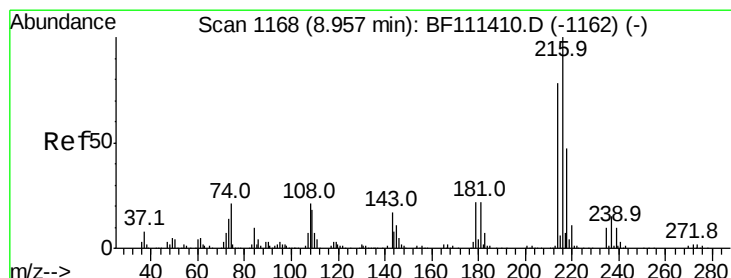
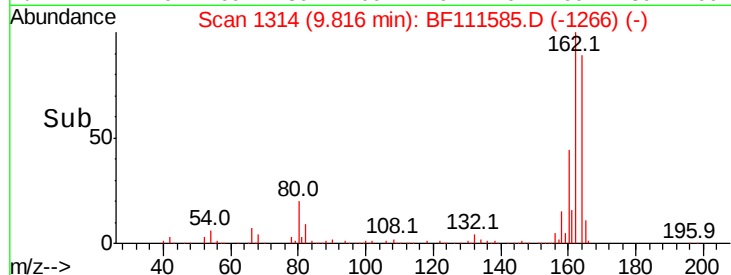
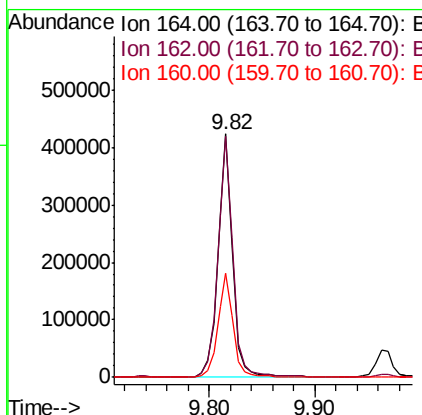
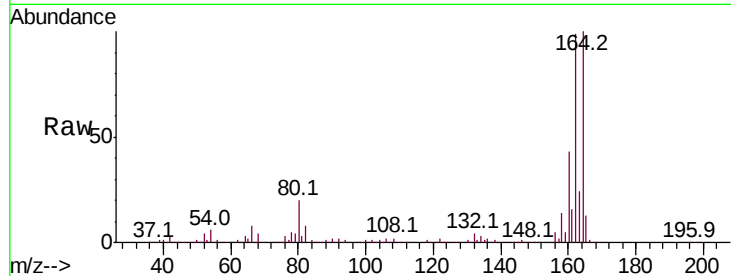
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.2	81.4	122.0	
160	42.9	35.7	53.5	

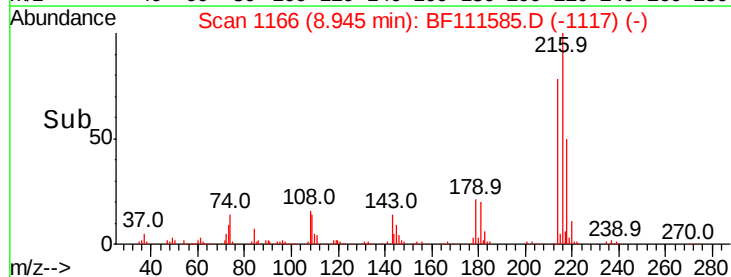
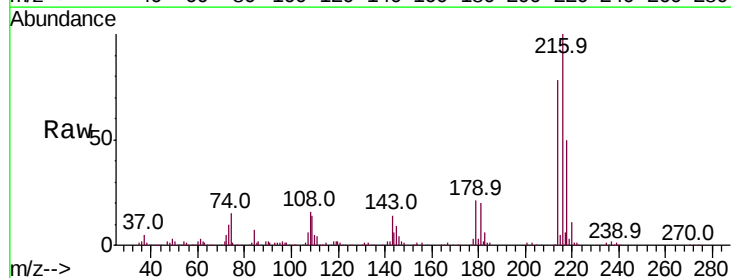
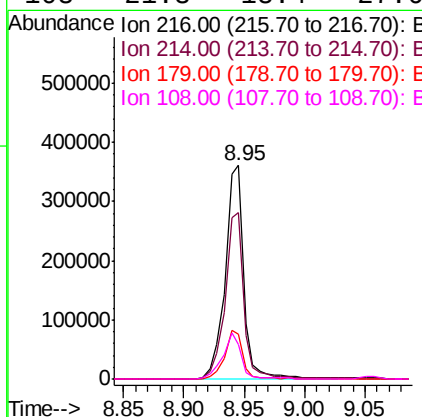
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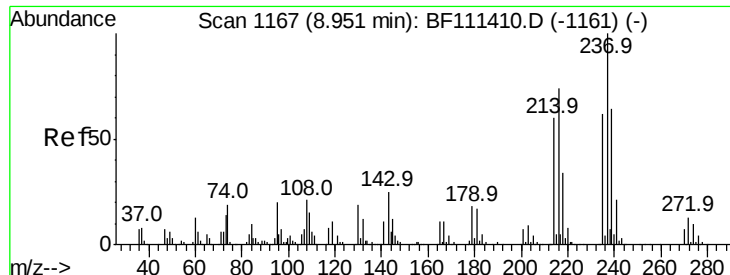
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.799 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.8	95.8	
179	22.3	17.9	26.9	
108	21.3	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 43.031 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

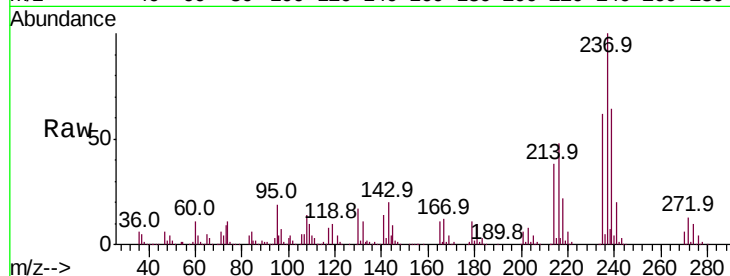
ClientSampleId :

PB115777BS

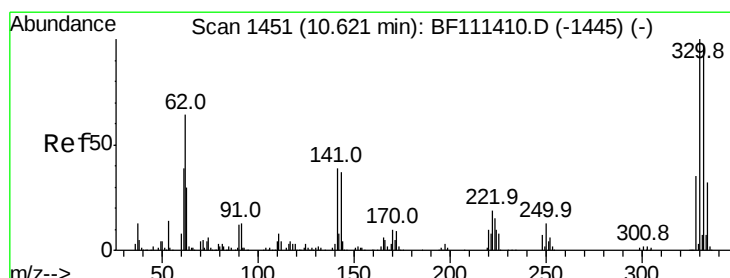
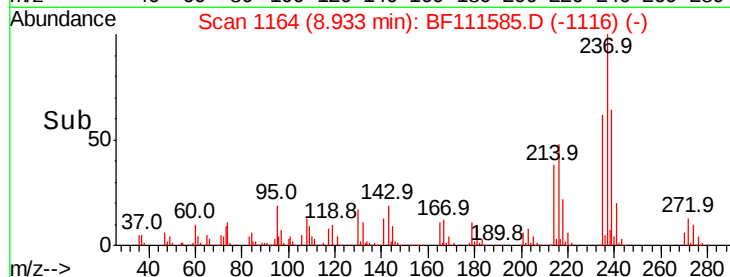
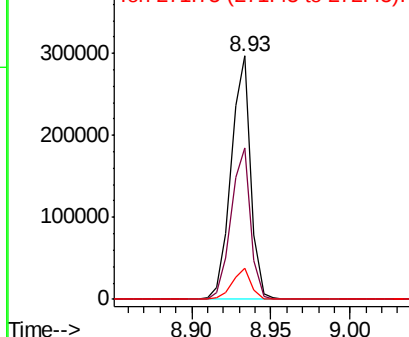
Tot Ion:	237	Resp:	253952
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.1	83.1
272	12.9	0.0	33.0

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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



#42

2,4,6-Tribromophenol

Concen: 79.034 ng

RT: 10.60 min Scan# 1448

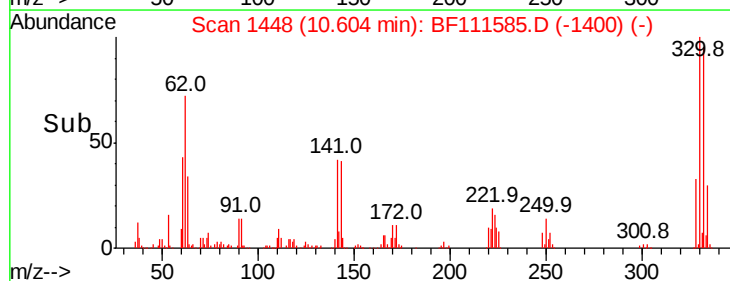
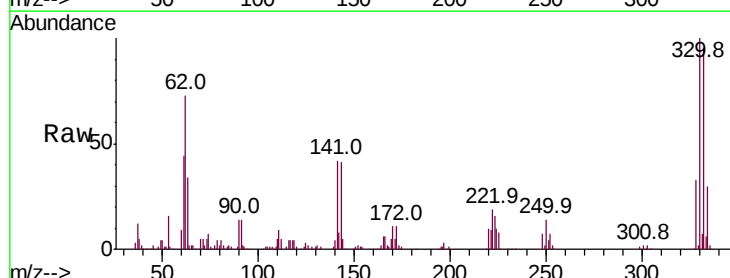
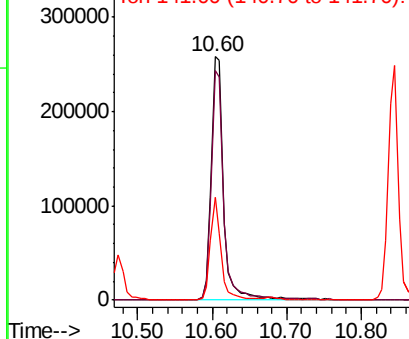
Delta R.T. -0.02 min

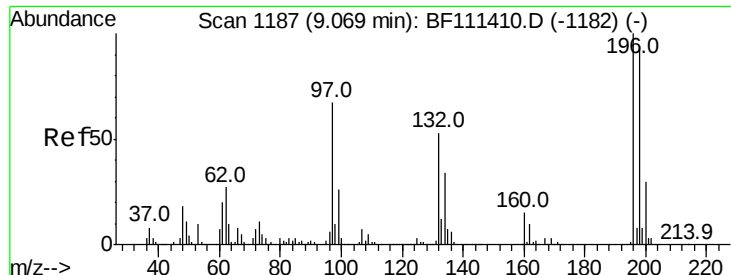
Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion:	330	Resp:	296750
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.0	114.0
141	36.0	31.0	46.6

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





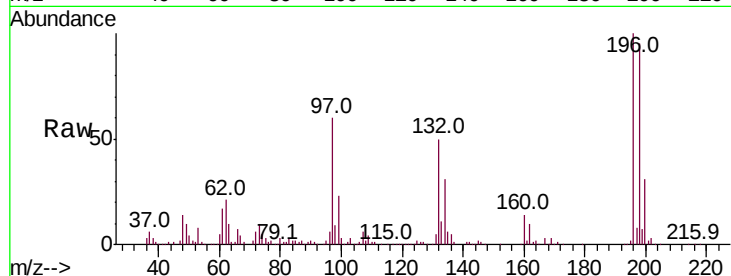
#43
2,4,6-Trichlorophenol
Concen: 33.690 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	274083		
198	94.6	76.3	114.5	
200	30.6	24.9	37.3	

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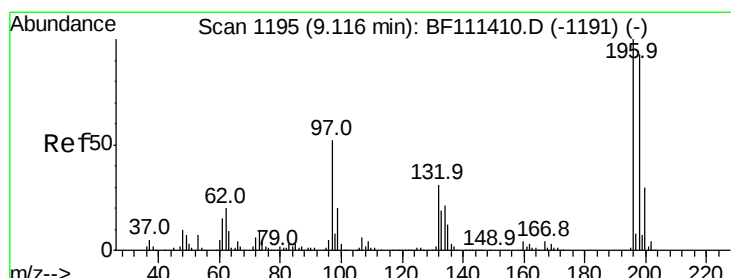
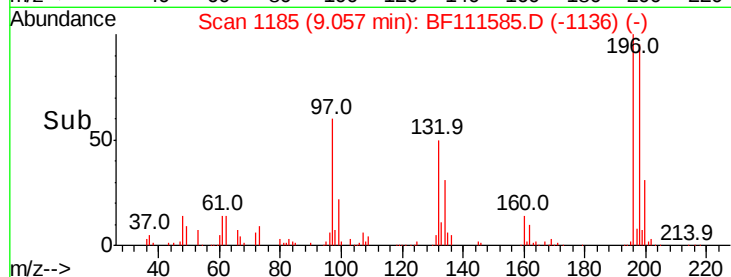
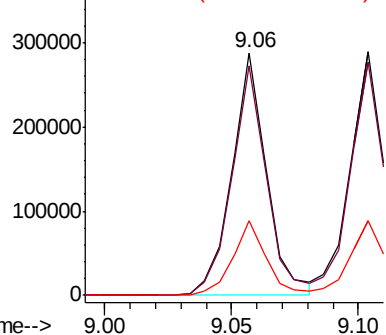


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 34.867 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301850		
198	95.6	72.9	109.3	
97	53.0	45.3	67.9	
132	32.0	25.5	38.3	

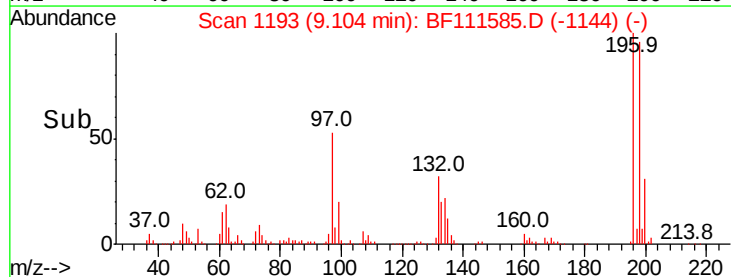
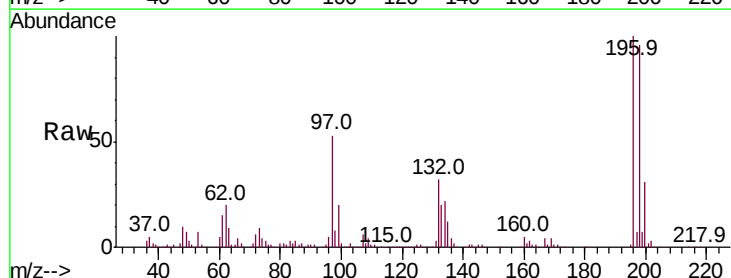
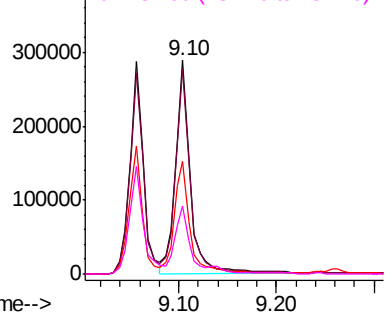
Abundance

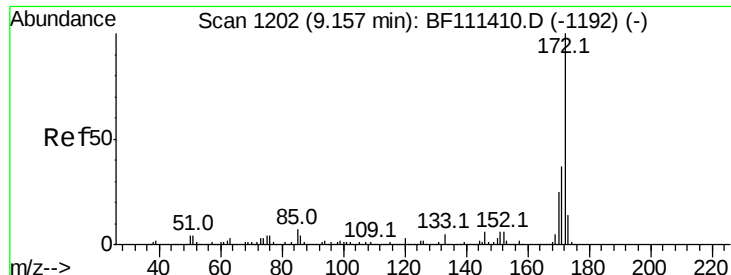
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





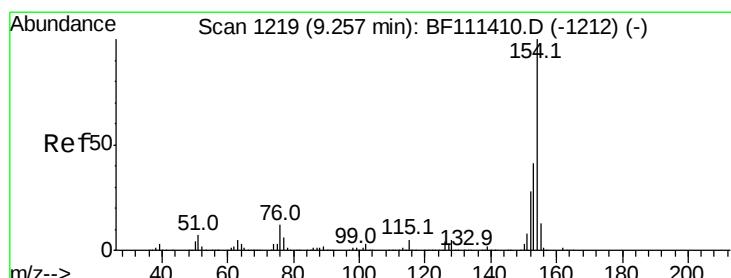
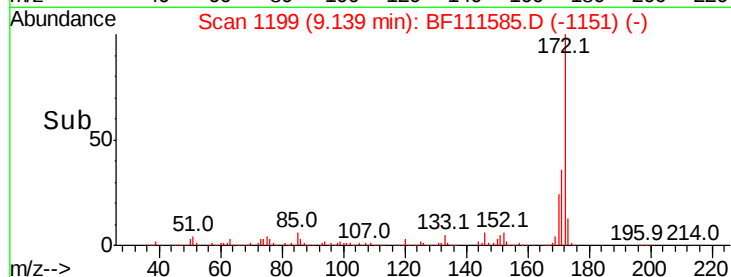
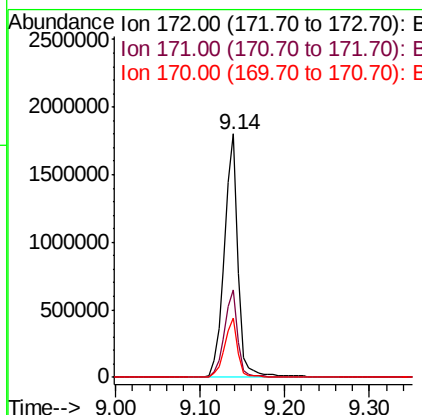
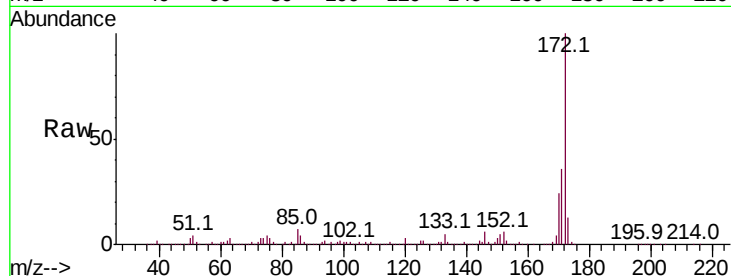
#45
2-Fluorobiphenyl
Concen: 75.056 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.3	22.3	33.5

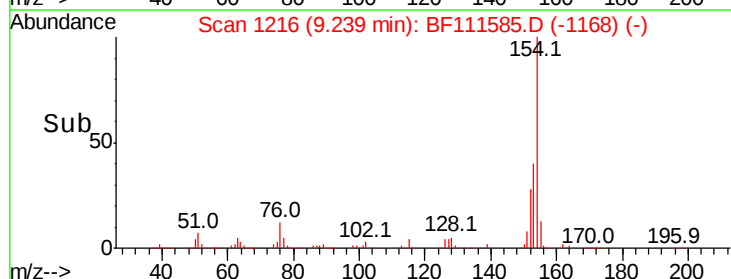
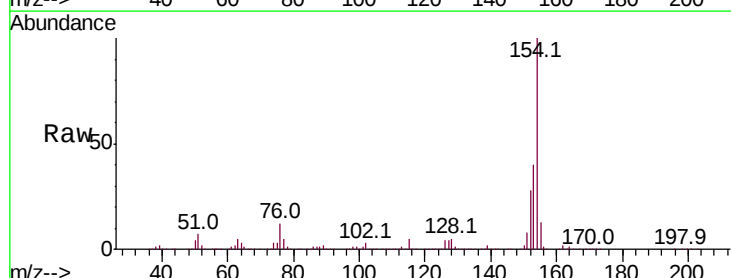
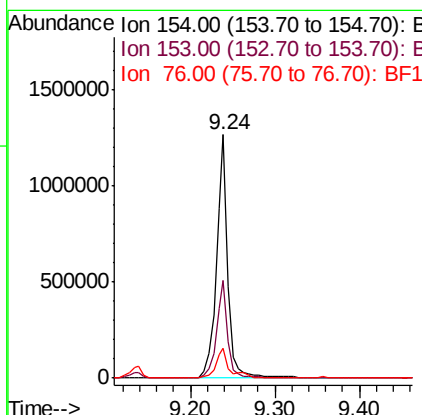
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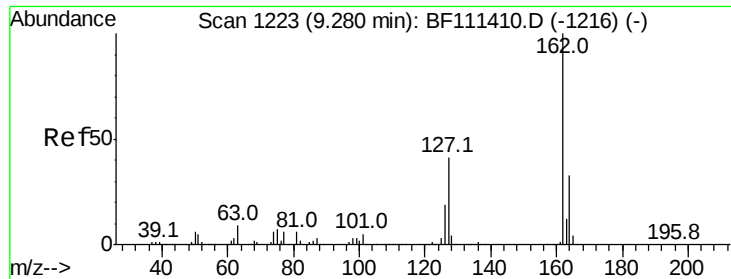
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#46
1,1'-Biphenyl
Concen: 34.185 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	23.7	63.7
76	12.1	0.0	35.0





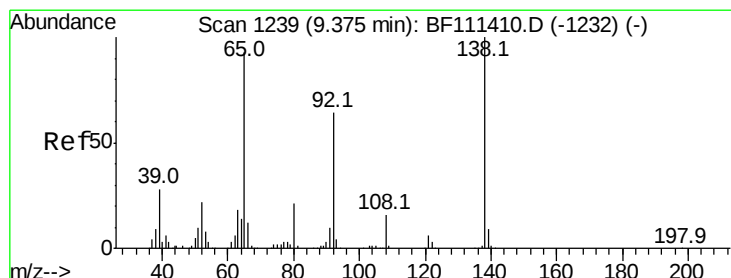
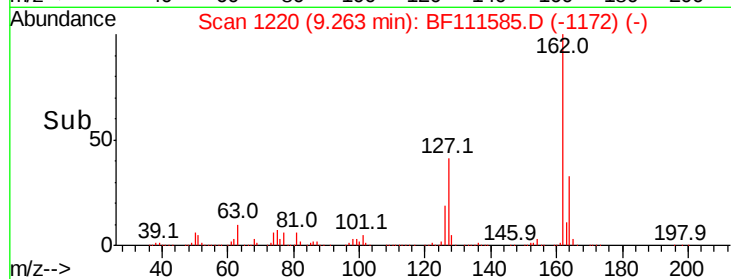
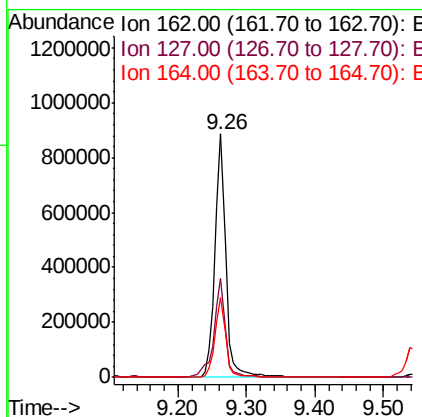
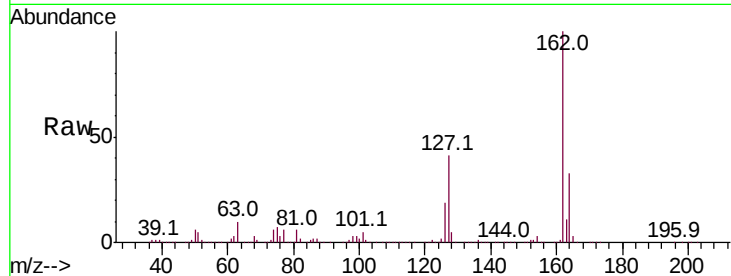
#47
 2-Chloronaphthalene
 Concen: 35.706 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.7	35.0	52.4	
164	33.0	28.4	42.6	

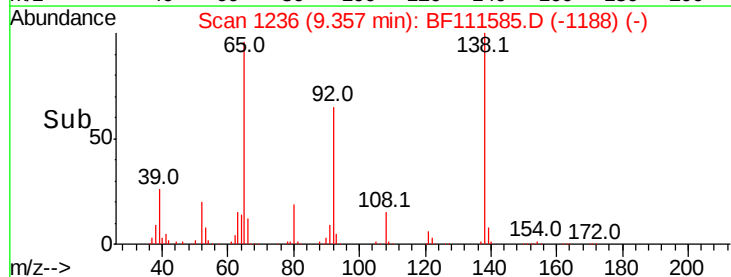
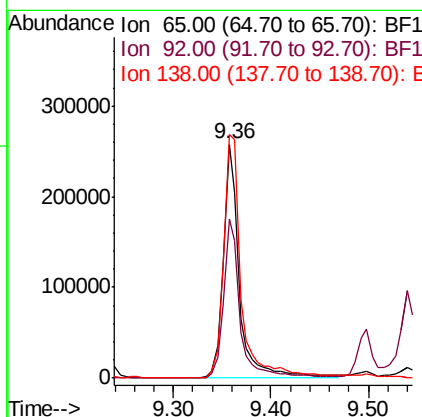
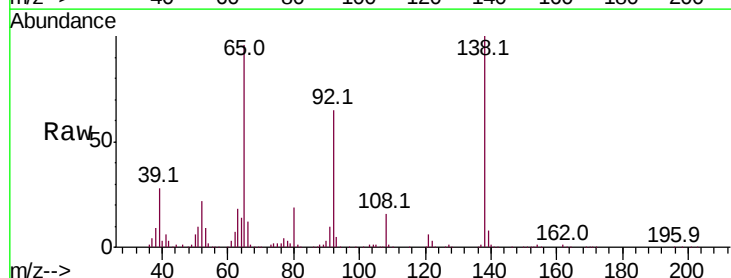
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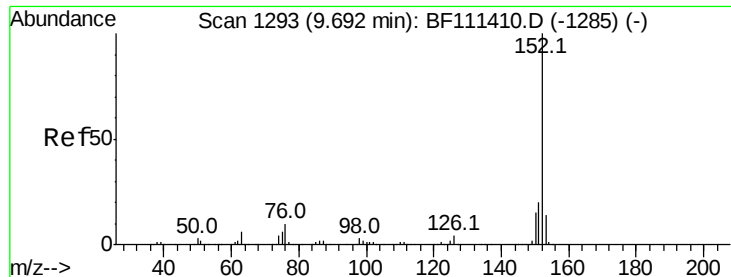
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#48
 2-Nitroaniline
 Concen: 33.839 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.0	53.5	80.3	
138	104.3	80.9	121.3	





#49

Acenaphthylene

Concen: 39.028 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

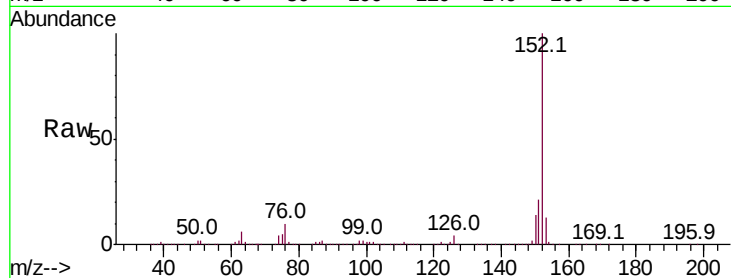
ClientSampleId :

PB115777BS

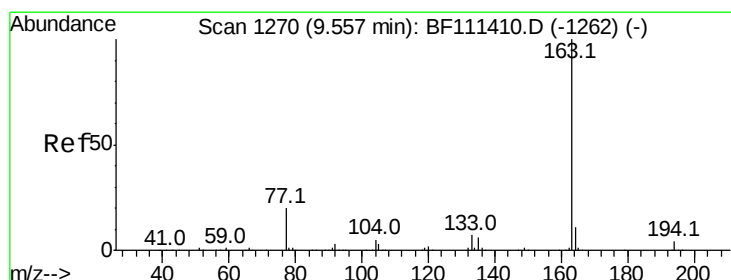
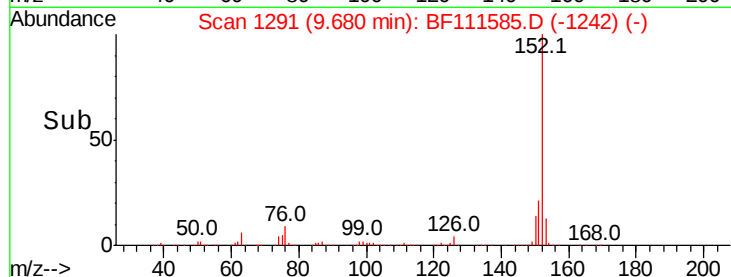
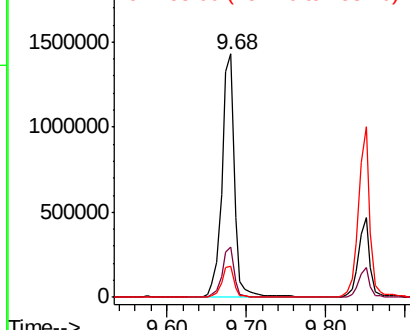
Tot Ion:	152	Resp:	1563901
Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.0	27.0
153	13.0	12.3	18.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.716 ng

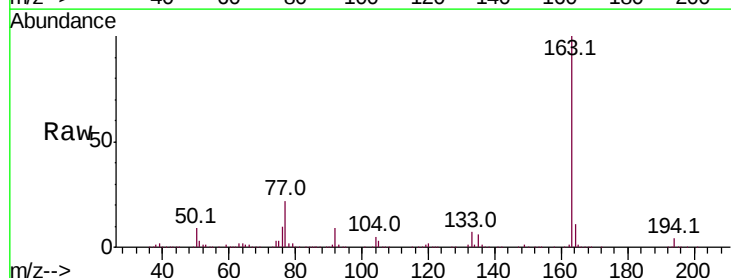
RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

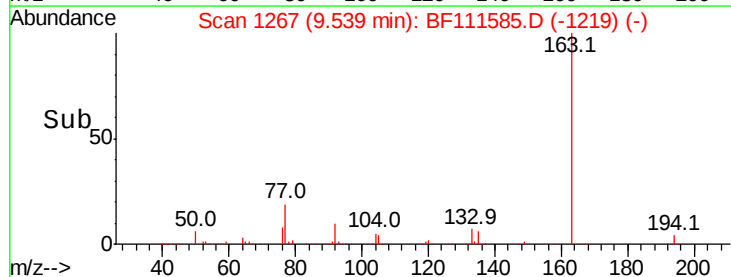
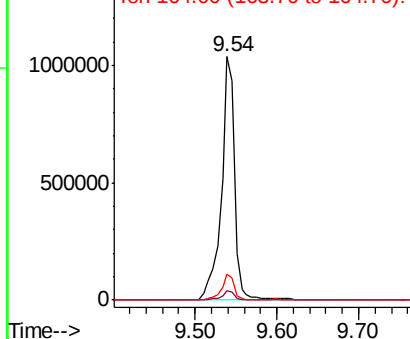
Lab File: BF111585.D

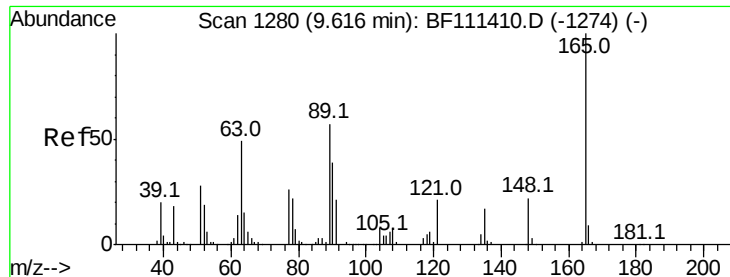
Acq: 18 Dec 2018 19:45

Tgt Ion:	163	Resp:	1168690
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.6	8.9	13.3



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





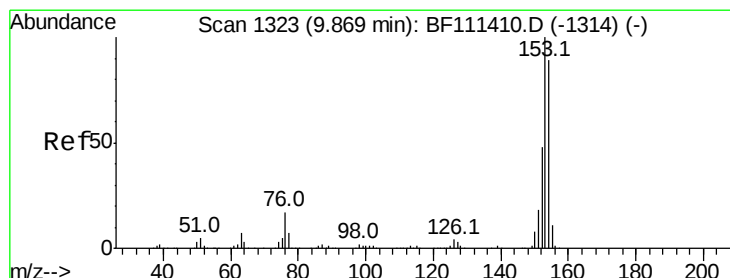
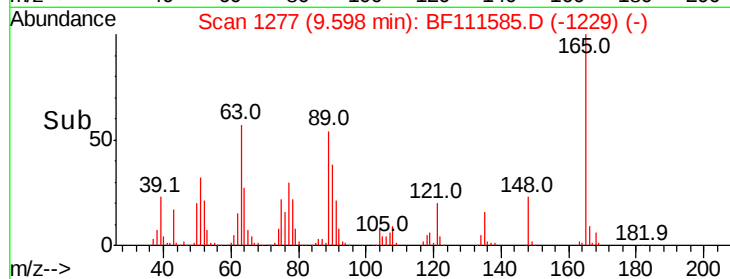
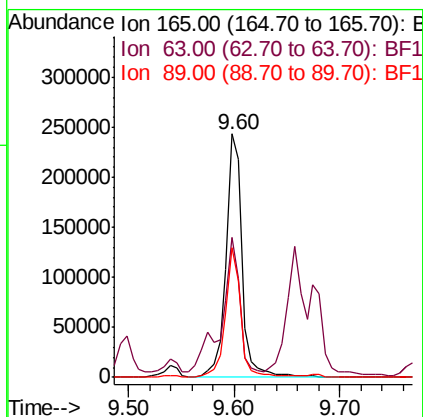
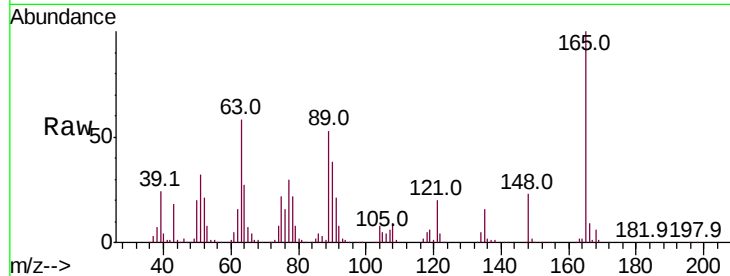
#51
 2,6-Dinitrotoluene
 Concen: 37.667 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255936		
63	57.7		40.5	60.7
89	53.5		40.0	60.0

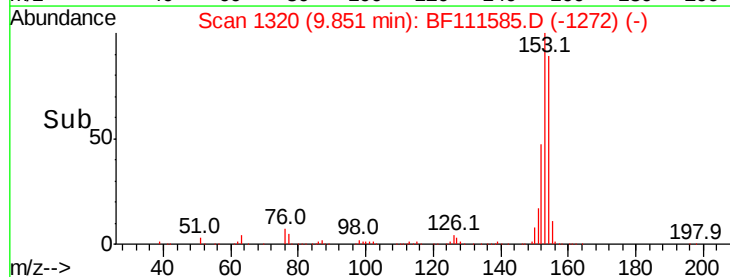
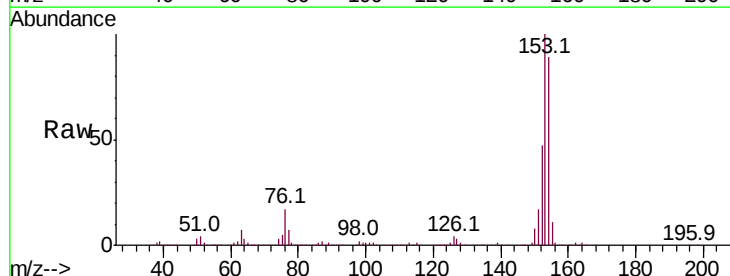
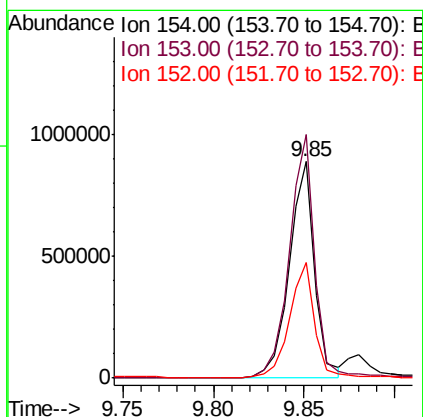
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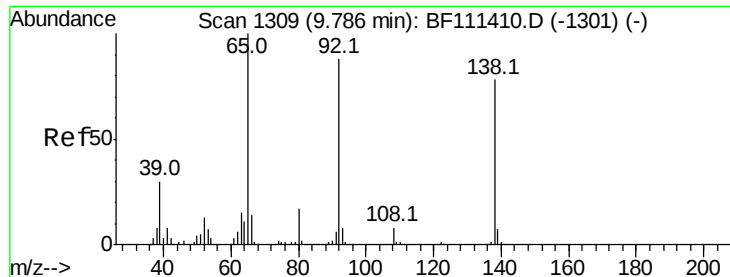
Sohil
 12/19/2018 4:09:28 PM



#52
 Acenaphthene
 Concen: 34.242 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	867234		
153	112.5		87.8	131.8
152	53.2		43.4	65.2





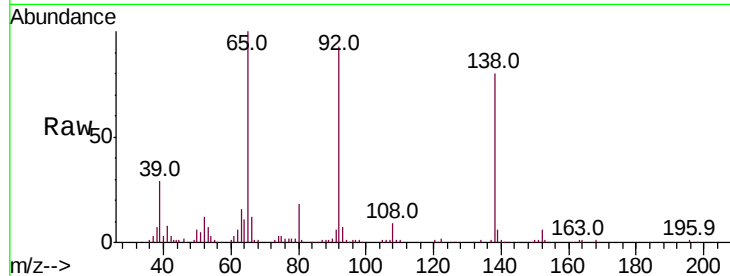
#53
3-Nitroaniline
Concen: 11.297 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.2	12.4
92	117.2	93.4	140.2

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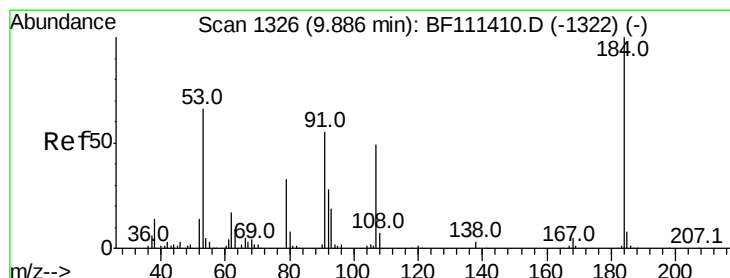
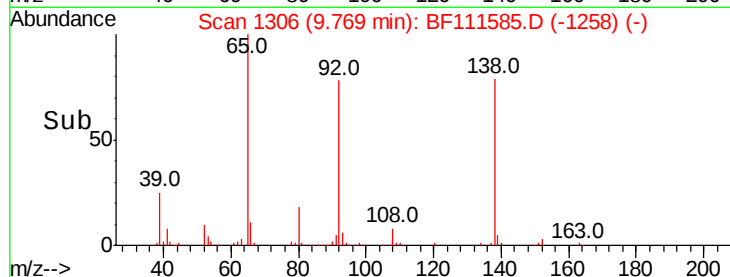
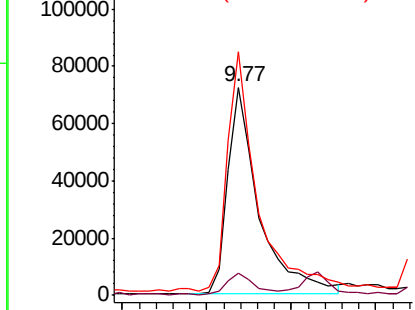


Abundance

Ion 138.00 (137.70 to 138.70): E

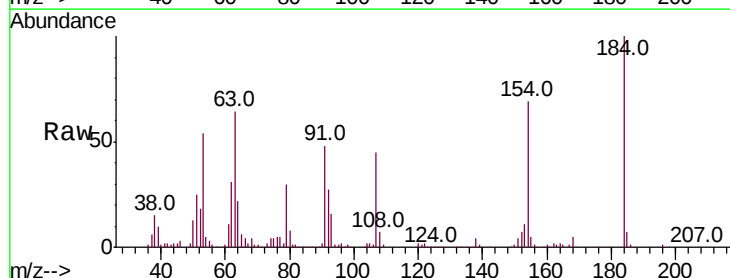
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 55.164 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	62.3	93.5
154	68.8	56.2	84.2

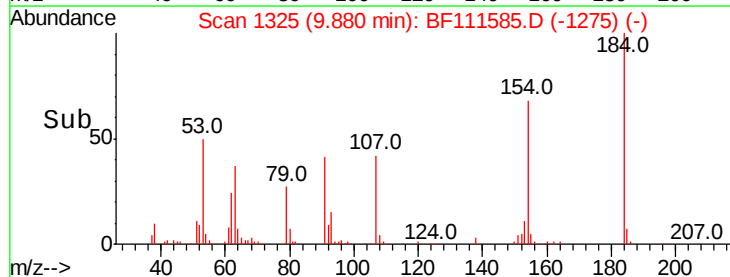
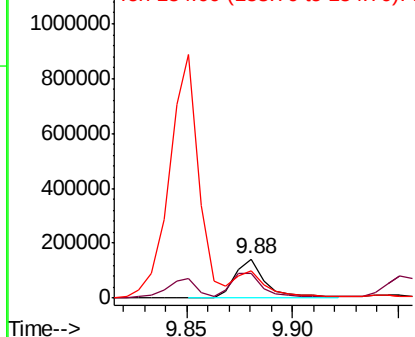


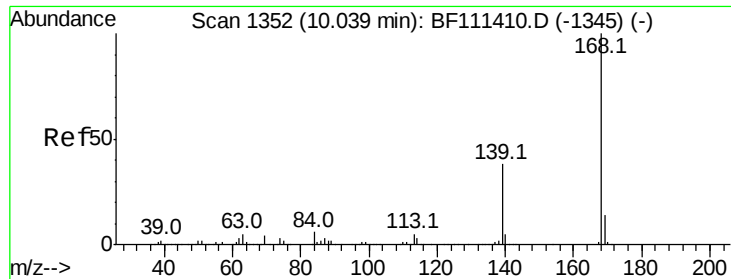
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





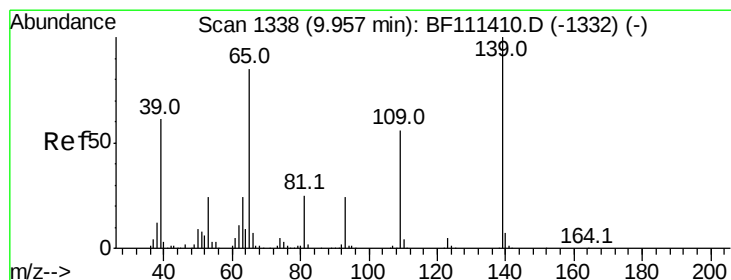
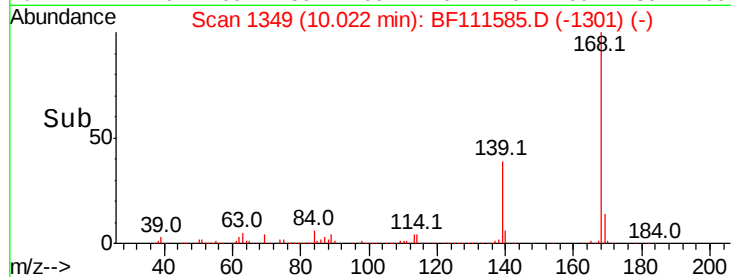
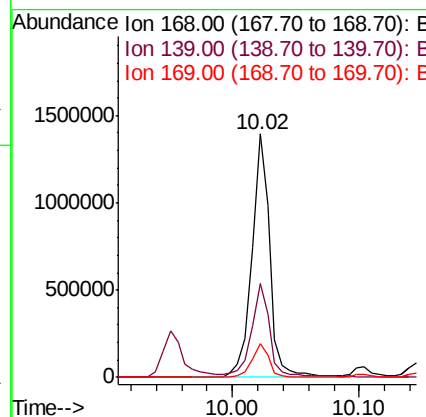
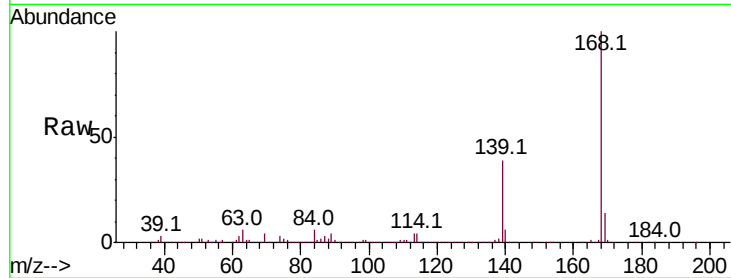
#55
Dibenzofuran
Concen: 37.159 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.6	49.0
169	13.8	11.8	17.6

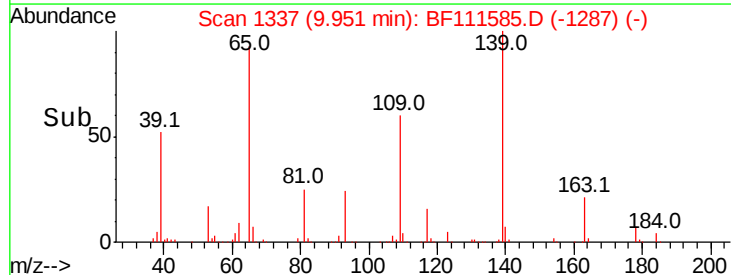
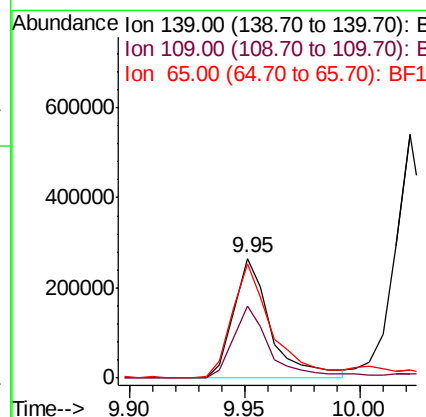
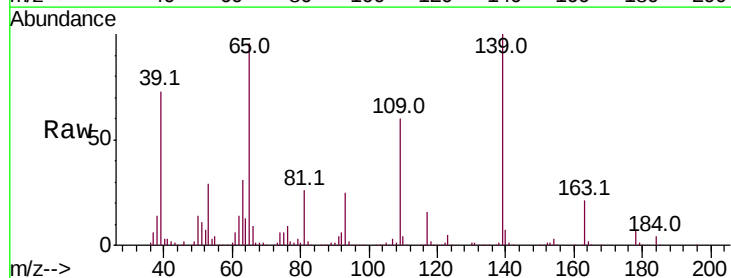
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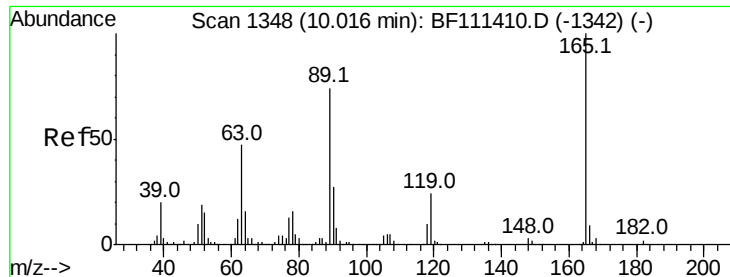
Sohil
12/19/2018 4:09:28 PM



#56
4-Nitrophenol
Concen: 52.483 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.9	41.8	81.8
65	95.8	79.6	119.6





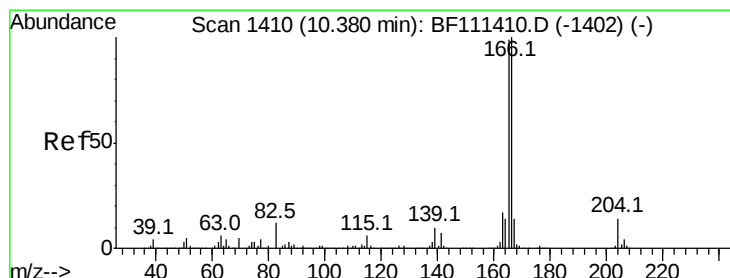
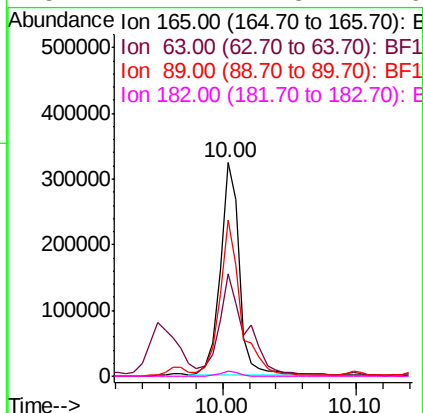
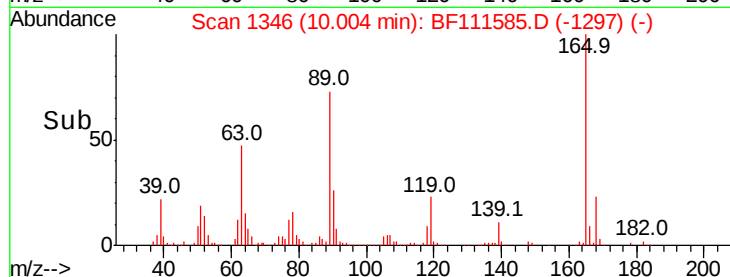
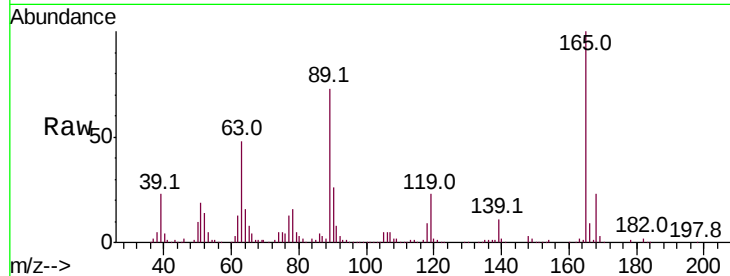
#57
2,4-Dinitrotoluene
Concen: 36.577 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	326198		
63	48.0		34.6	52.0
89	72.9		56.2	84.4
182	2.2		1.8	2.6

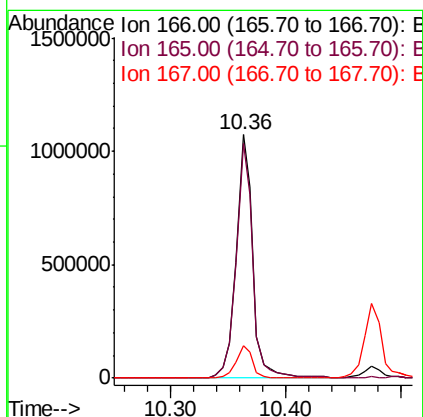
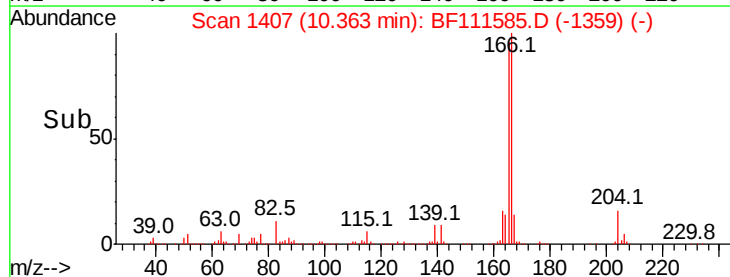
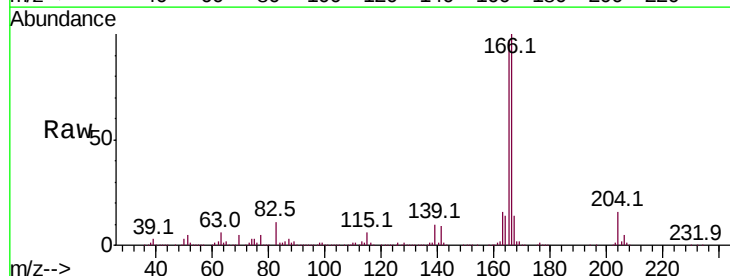
Manual Integrations
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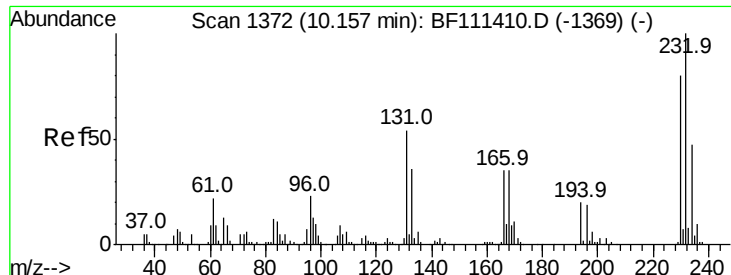
Sohil
12/19/2018 4:09:28 PM



#58
Fluorene
Concen: 40.031 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1067422		
165	96.6		78.4	117.6
167	13.5		11.2	16.8





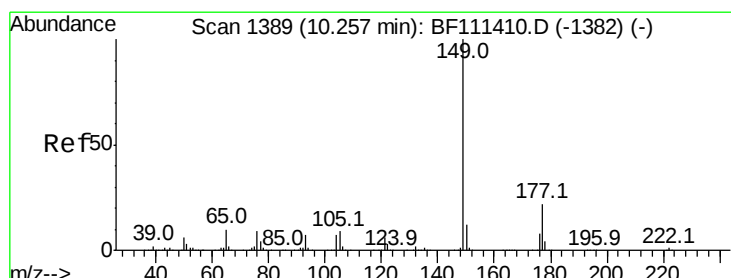
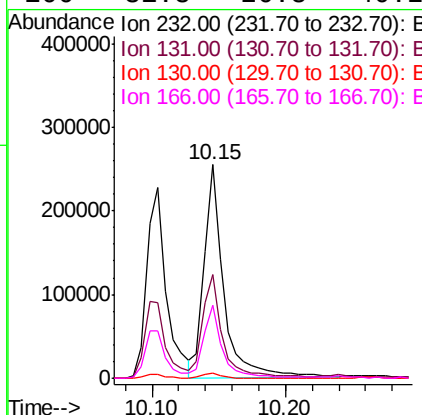
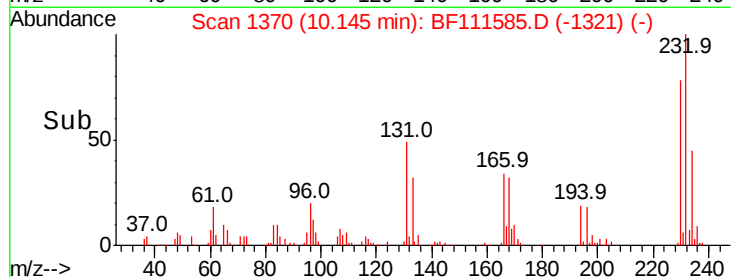
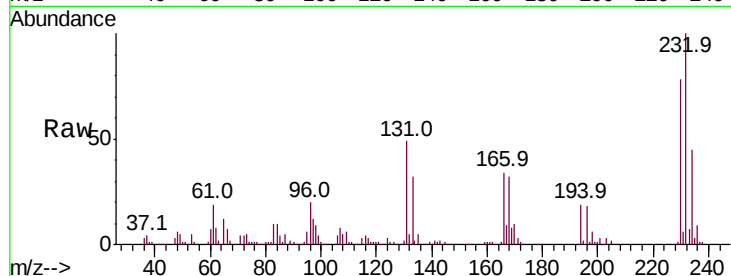
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.359 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	259463		
131	47.6		40.9	61.3
130	2.5		2.0	3.0
166	31.8		26.8	40.2

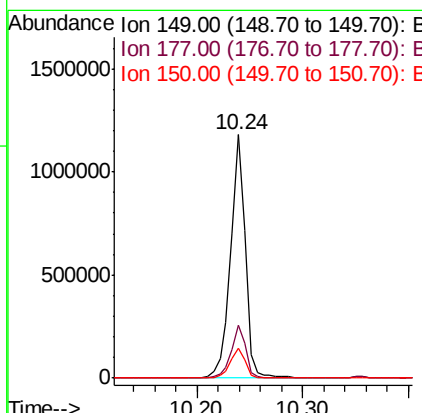
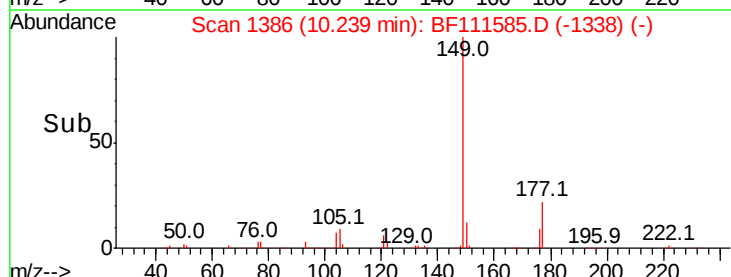
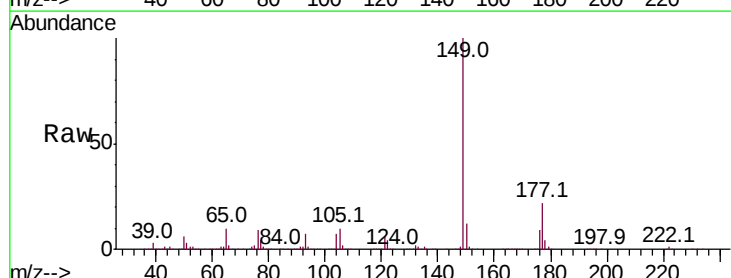
Manual Integrations
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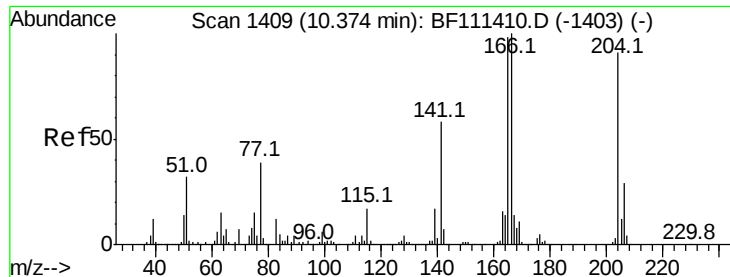
Sohil
 12/19/2018 4:09:28 PM



#60
 Diethylphthalate
 Concen: 37.331 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1141481		
177	21.6		18.3	27.5
150	12.4		10.6	15.8





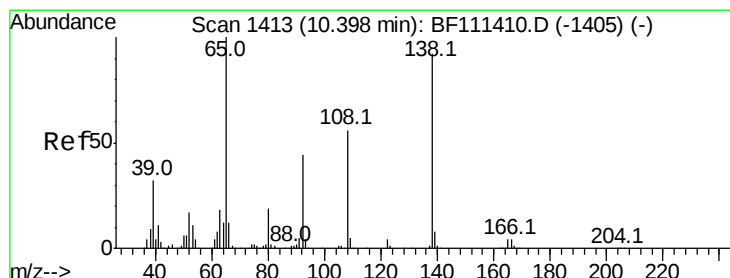
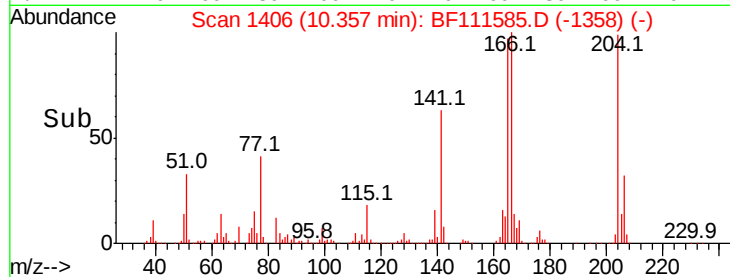
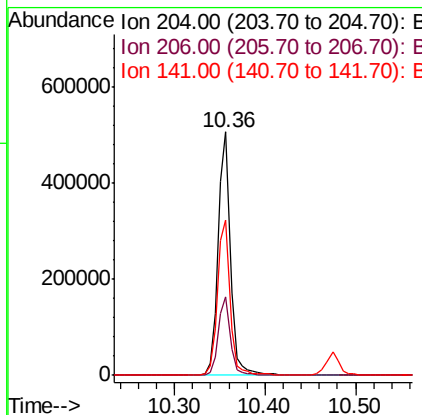
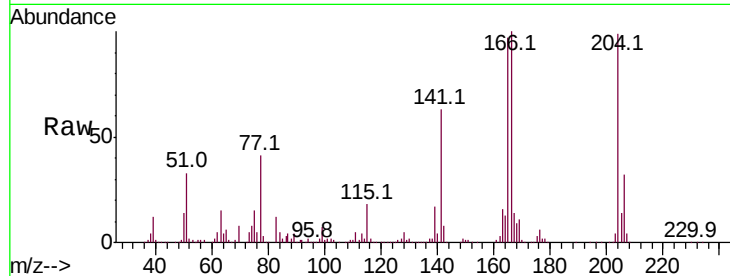
#61
 4-Chlorophenyl-phenylether
 Concen: 36.507 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion:	204	Resp:	476276
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.6	39.8
141	63.8	52.6	78.8

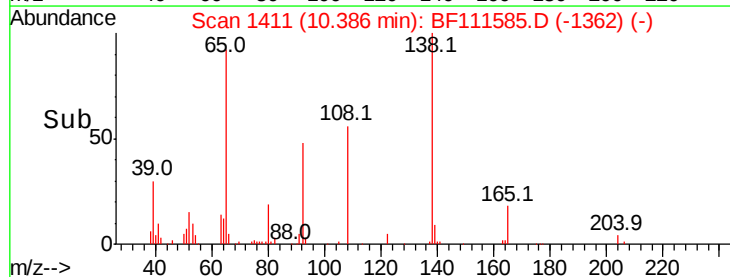
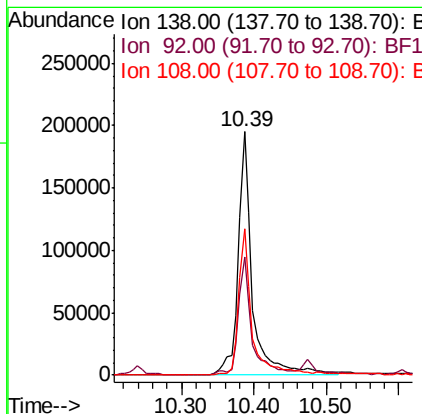
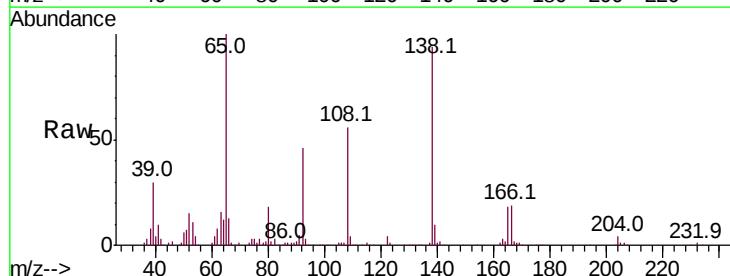
Manual Integrations
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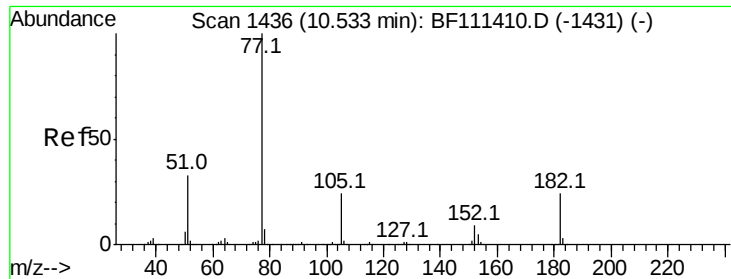
Sohil
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#62
 4-Nitroaniline
 Concen: 32.640 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion:	138	Resp:	266668
Ion Ratio	Lower	Upper	
138	100		
92	48.6	29.9	69.9
108	60.1	43.2	83.2





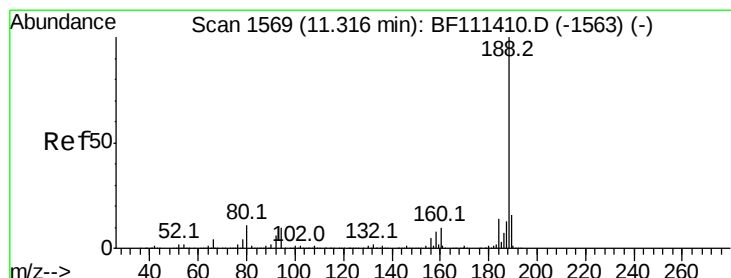
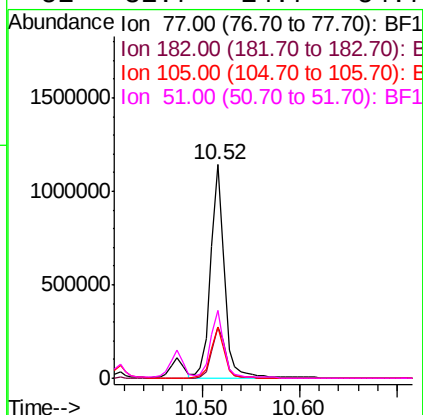
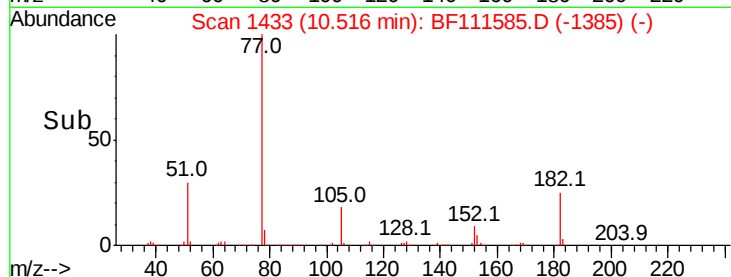
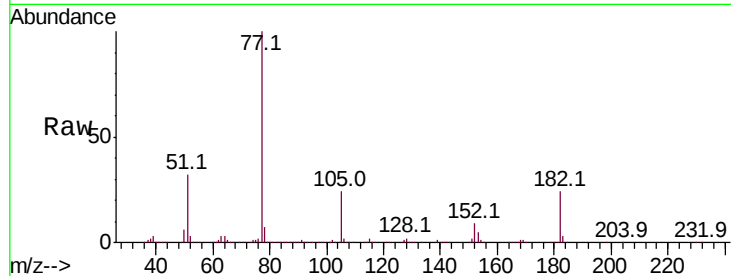
#63
Azobenzene
Concen: 36.925 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.9	44.9
105	23.9	6.0	46.0
51	31.7	14.7	54.7

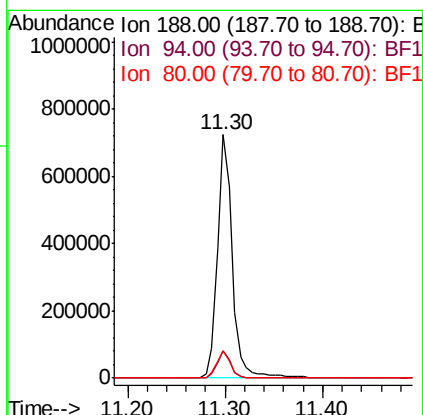
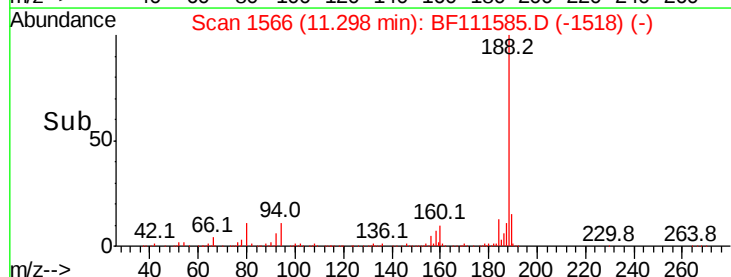
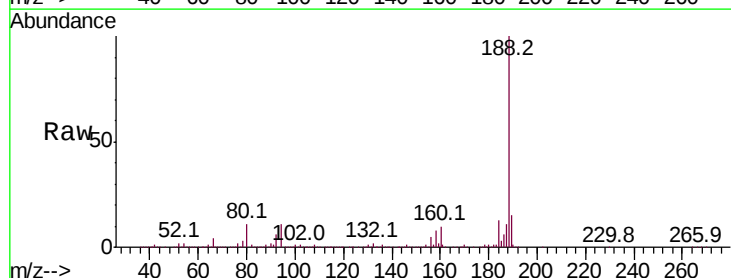
Manual Integrations
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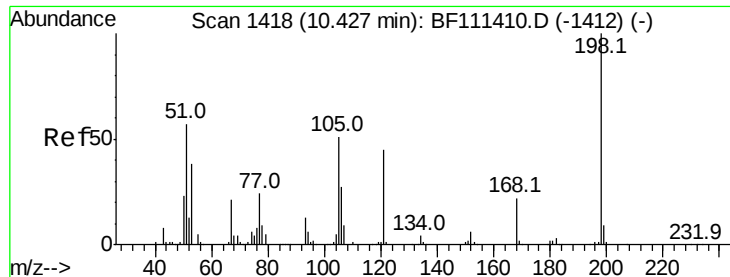
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	11.4	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 29.094 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

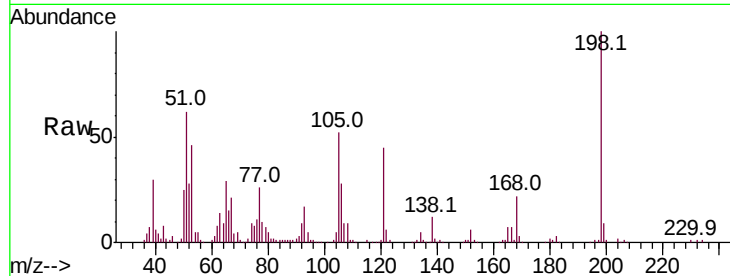
ClientSampled :

PB115777BS

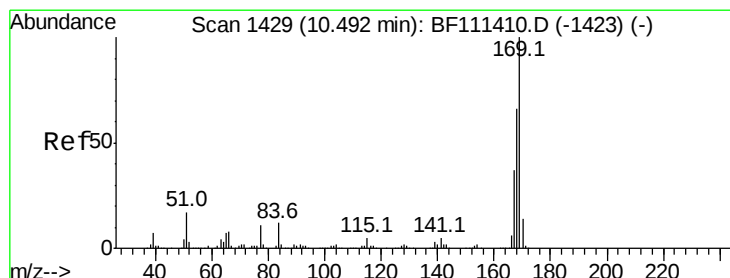
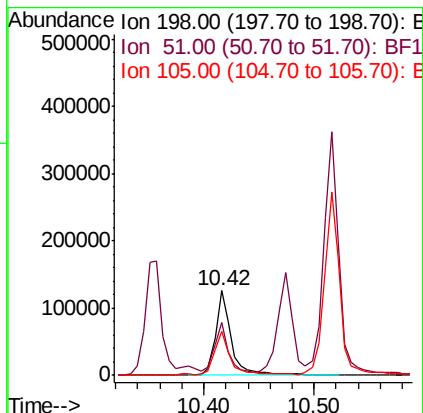
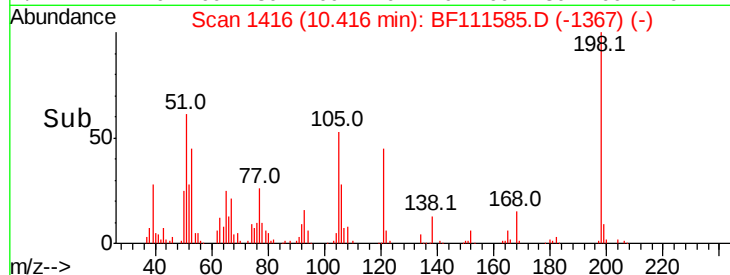
Tot Ion:	198	Resp:	125905
Ion Ratio	Lower	Upper	
198	100		
51	61.9	48.0	88.0
105	52.4	34.0	74.0

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.510 ng

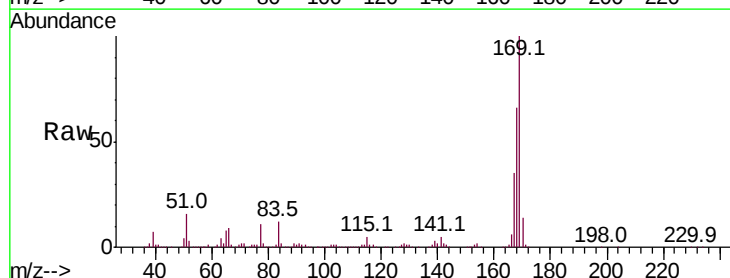
RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

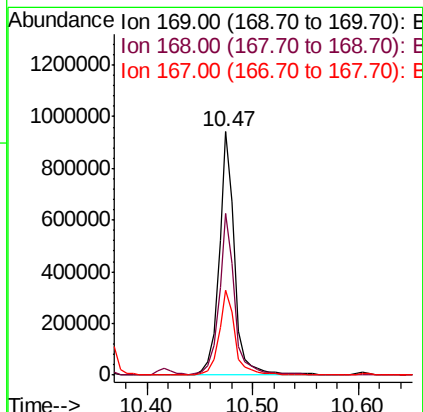
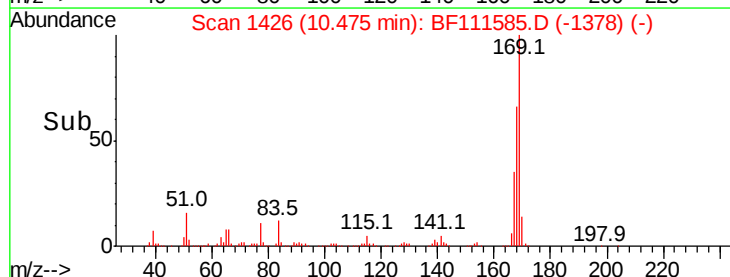
Lab File: BF111585.D

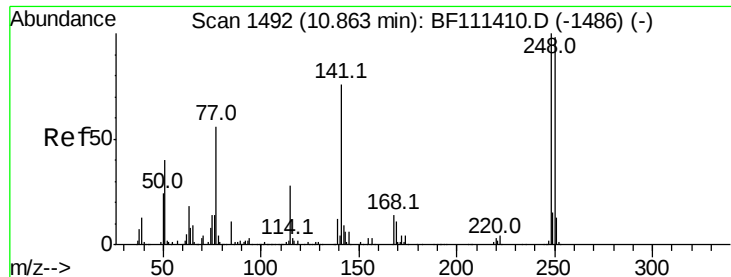
Acq: 18 Dec 2018 19:45

Tgt Ion:	169	Resp:	965130
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.4	81.6
167	35.1	30.5	45.7



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





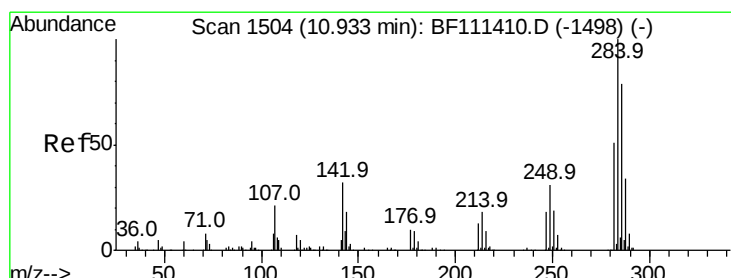
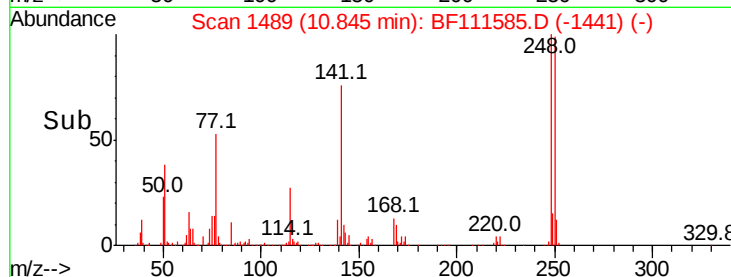
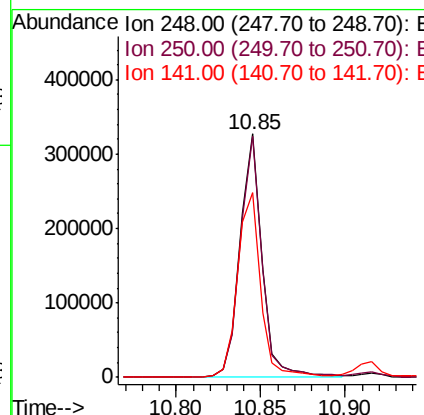
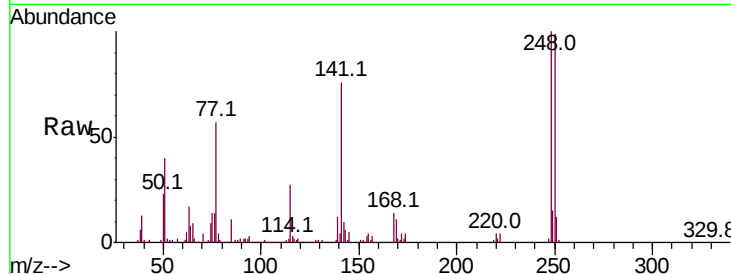
#67
4-Bromophenyl-phenylether
Concen: 35.966 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.0	115.4
141	76.1	63.0	94.6

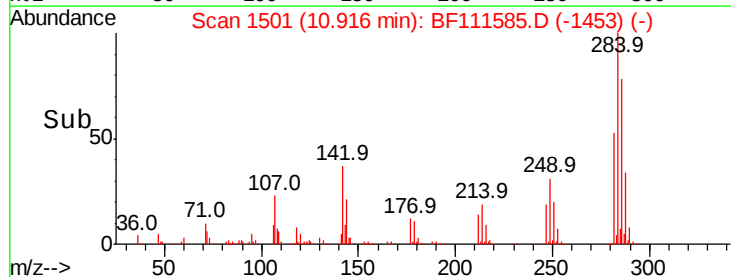
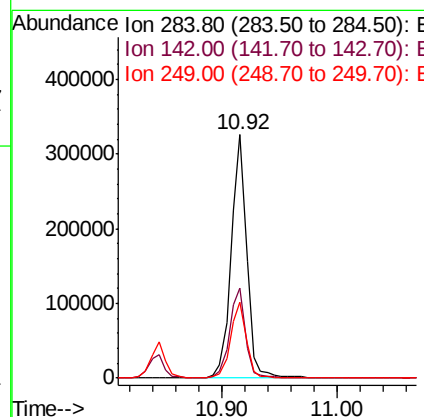
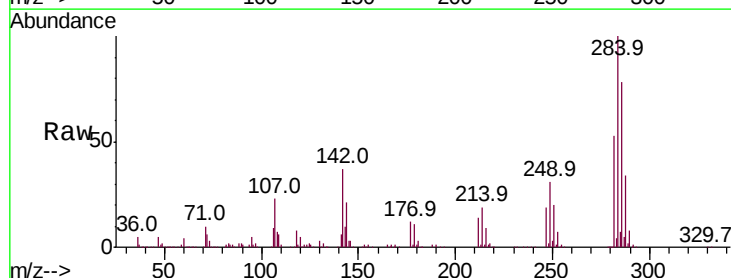
Manual Integrations
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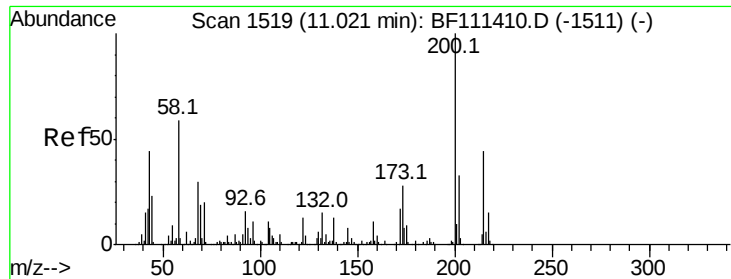
Sohil
12/19/2018 4:09:28 PM



#68
Hexachlorobenzene
Concen: 36.098 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	27.4	41.2
249	31.3	24.4	36.6





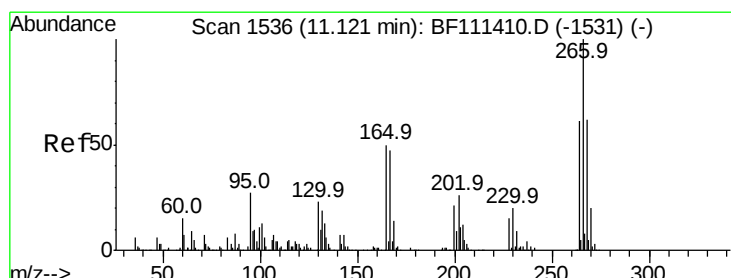
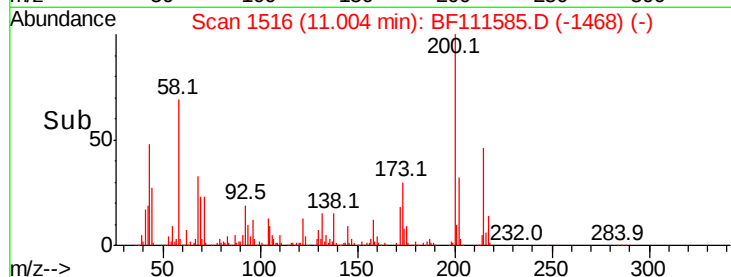
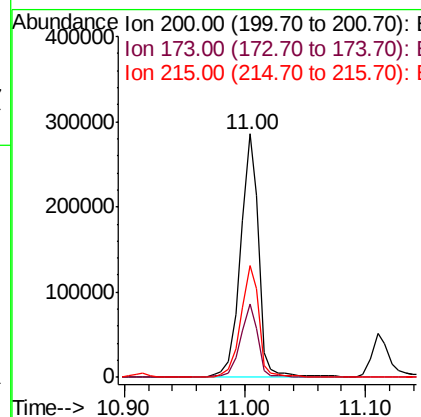
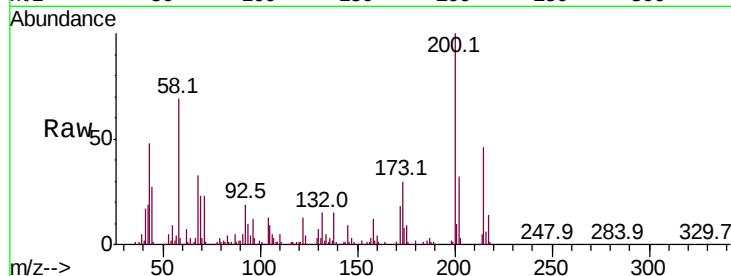
#69
Atrazine
Concen: 39.397 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	10.1	50.1
215	45.8	26.9	66.9

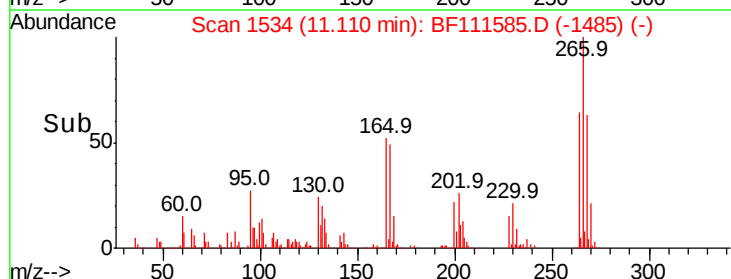
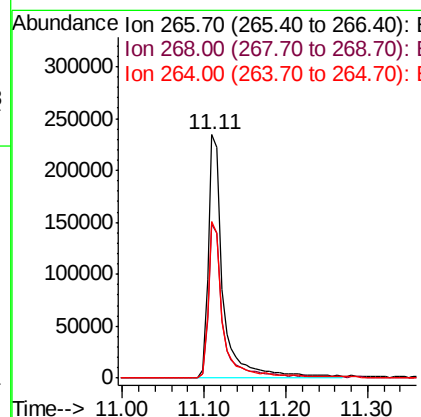
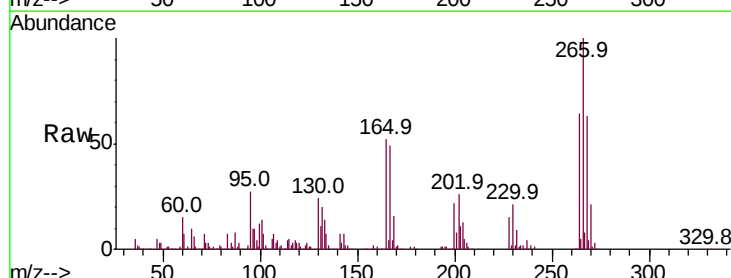
Manual Integrations
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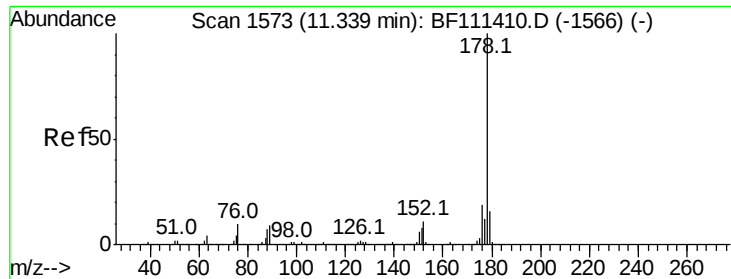
Sohil
12/19/2018 4:09:28 PM



#70
Pentachlorophenol
Concen: 57.650 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	47.9	71.9
264	64.2	49.1	73.7





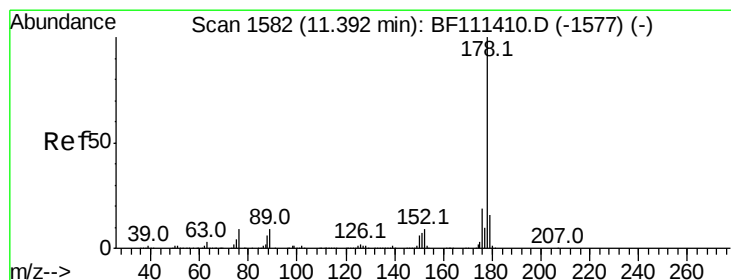
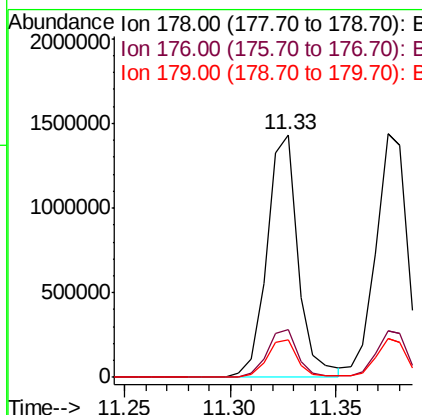
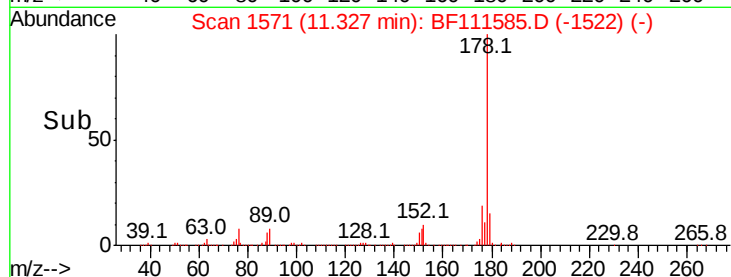
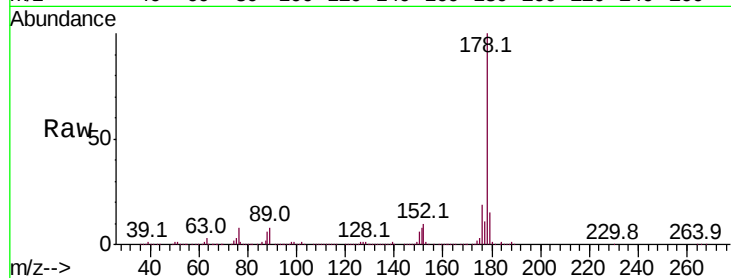
#71
Phenanthrene
Concen: 37.504 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion:178 Resp: 1481389
Ion Ratio Lower Upper
178 100
176 19.5 18.1 27.1
179 15.3 14.0 21.0

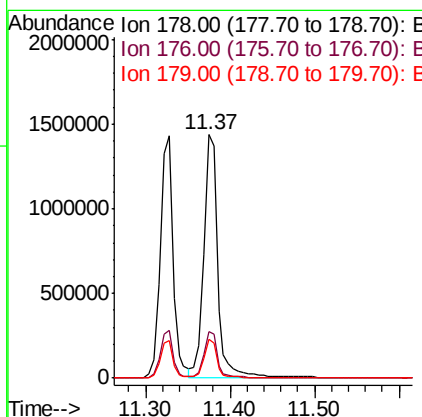
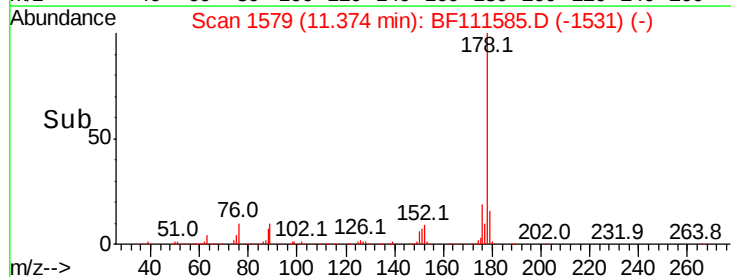
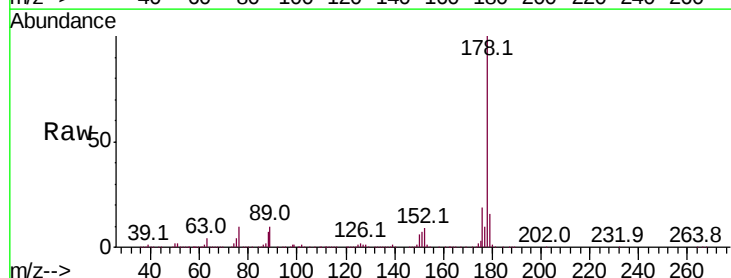
Manual Integrations
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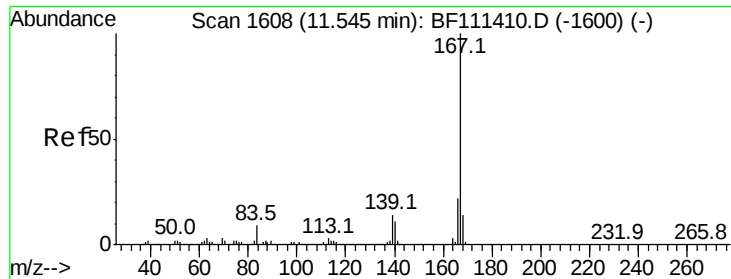
Sohil
12/19/2018 4:09:28 PM



#72
Anthracene
Concen: 40.921 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:178 Resp: 1652993
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.8 13.8 20.8





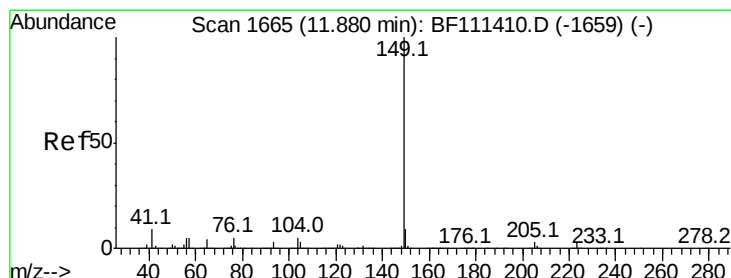
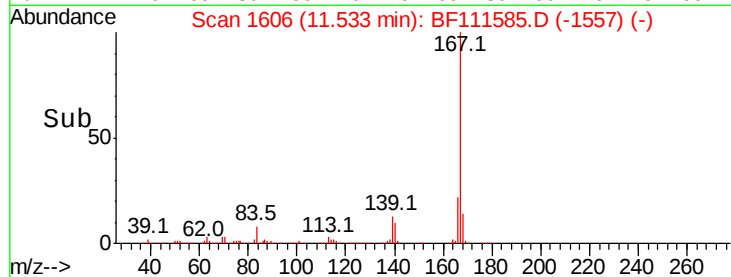
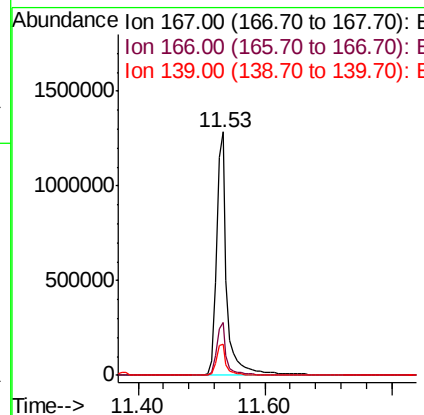
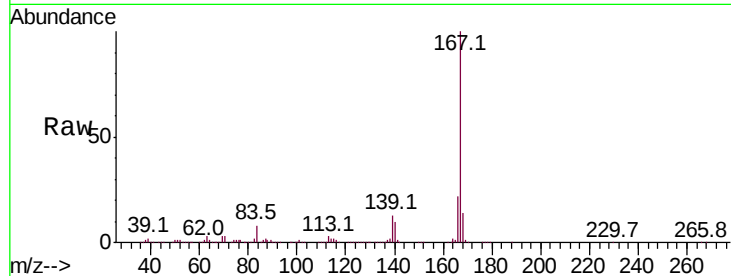
#73
 Carbazole
 Concen: 36.162 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	12.9	11.9	17.9

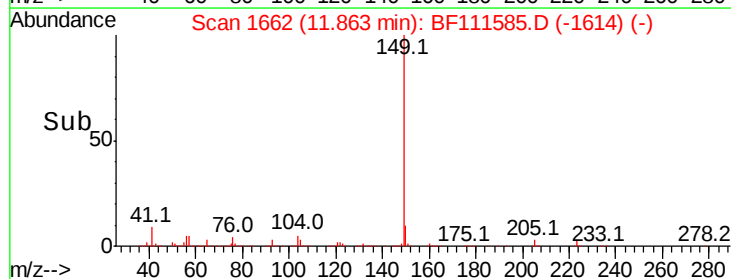
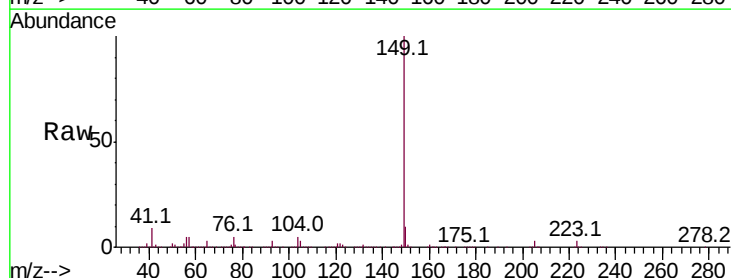
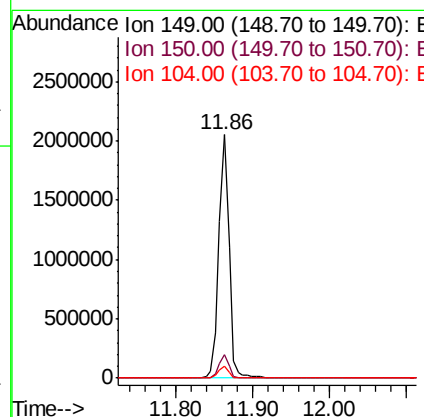
Manual Integrations
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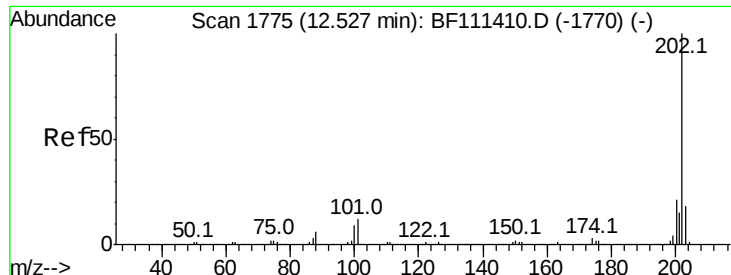
Sohil
 12/19/2018 4:09:28 PM



#74
 Di-n-butylphthalate
 Concen: 39.950 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	4.9	4.5	6.7





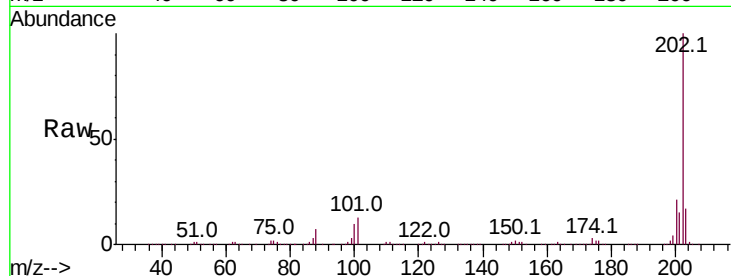
#75
 Fluoranthene
 Concen: 40.518 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

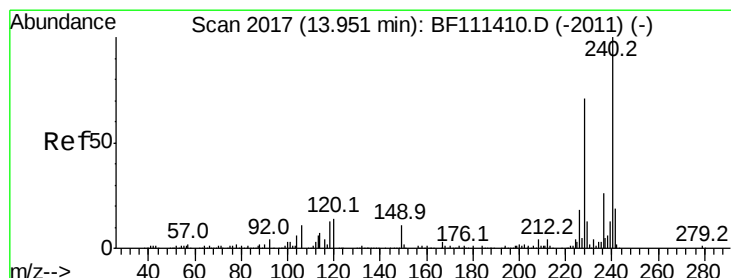
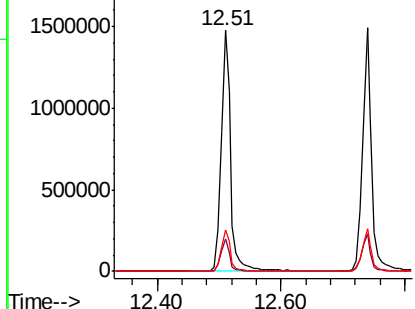
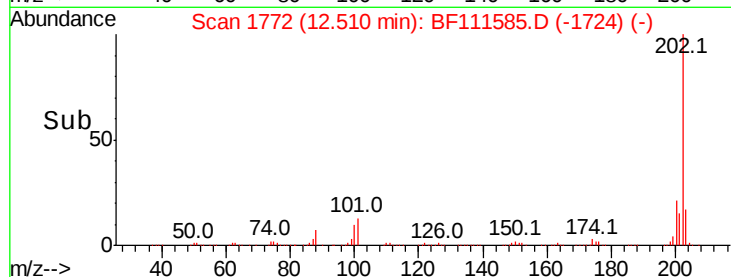
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1565677		
101	13.5	0.0	33.8	
203	17.2	0.0	38.6	

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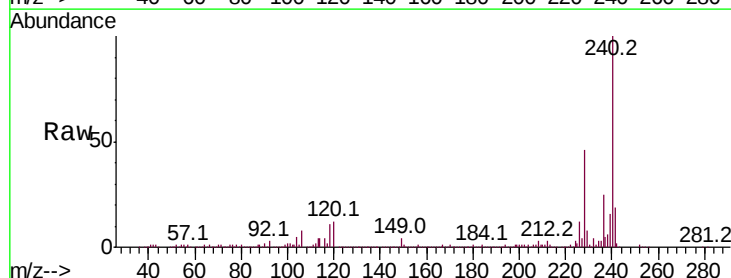


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

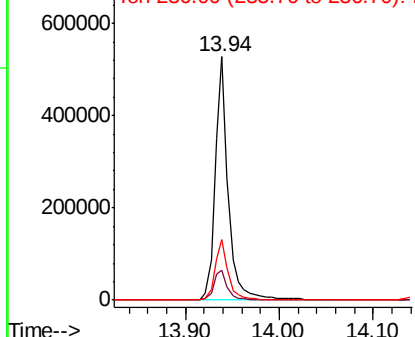
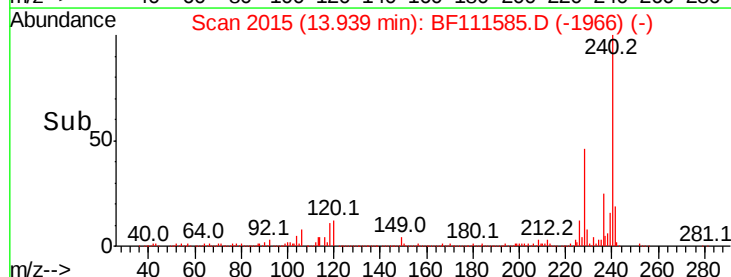


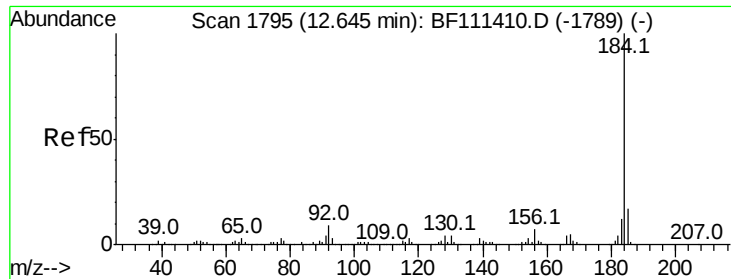
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	517558		
120	12.3	12.2	18.2	
236	24.7	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





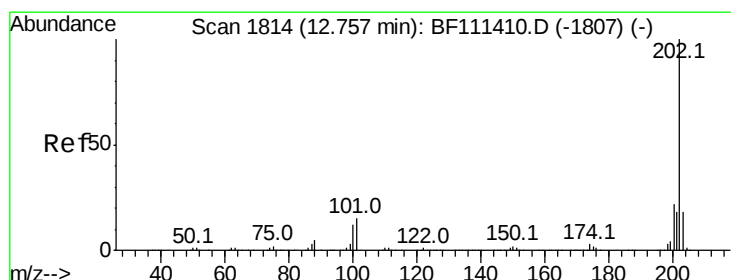
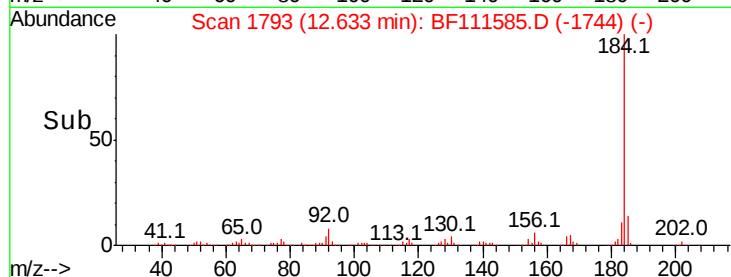
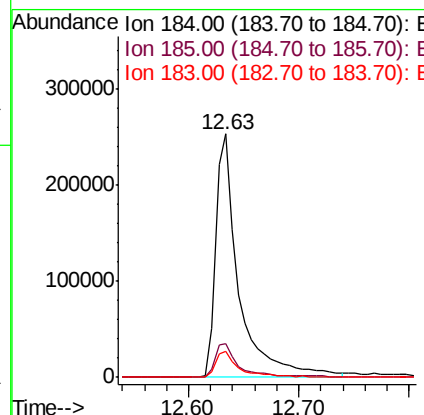
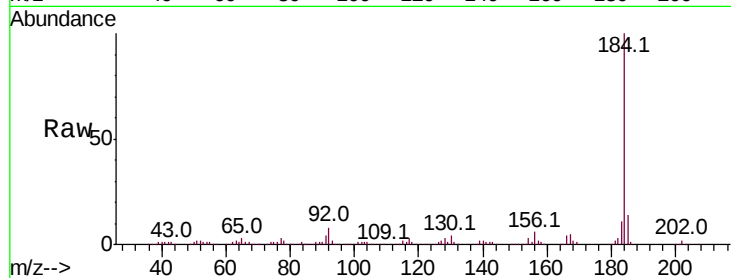
#77
Benzidine
Concen: 19.159 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.0	19.6
183	10.9	9.3	13.9

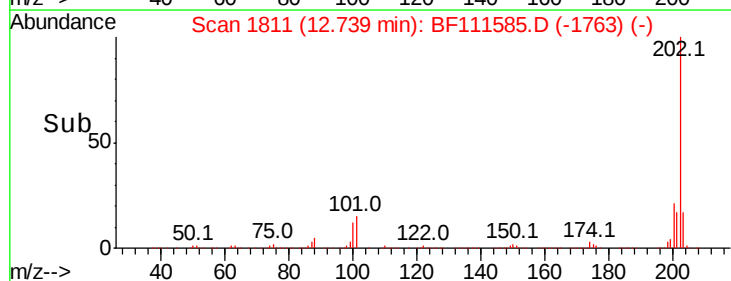
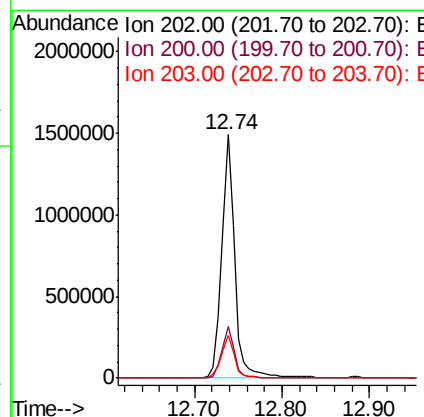
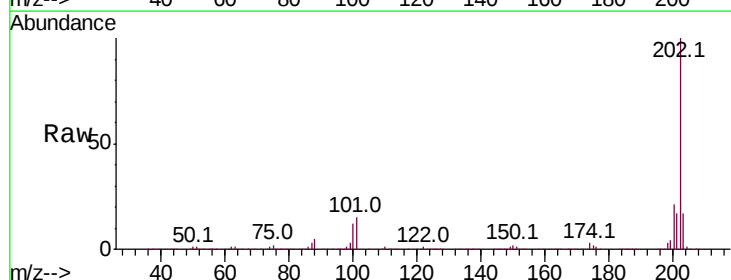
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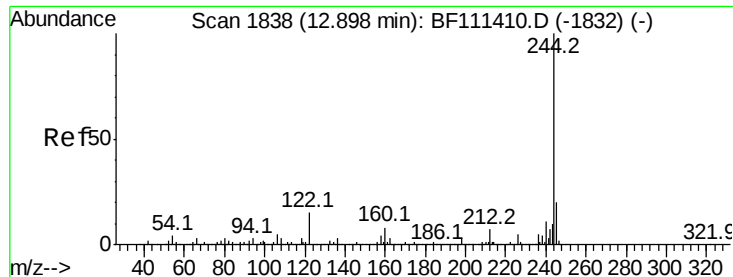
Sohil
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#78
Pyrene
Concen: 42.637 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	17.3	15.2	22.8





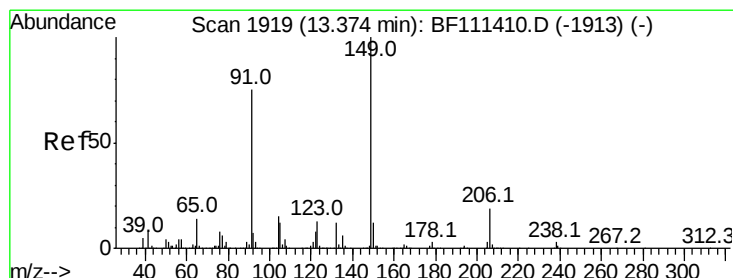
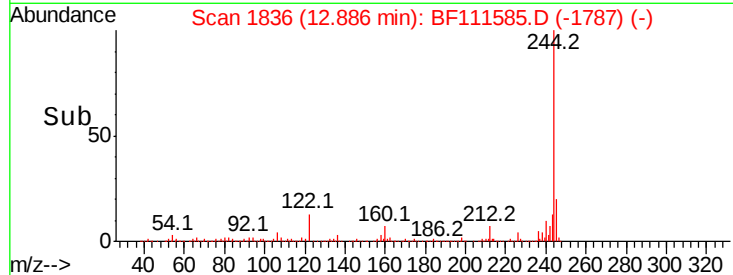
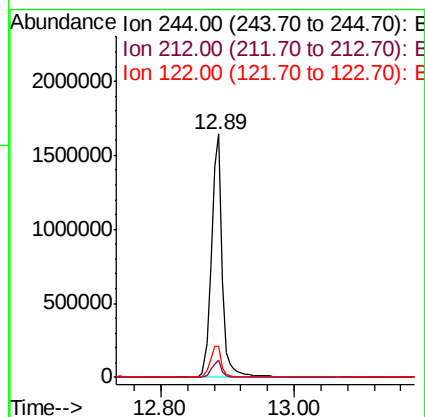
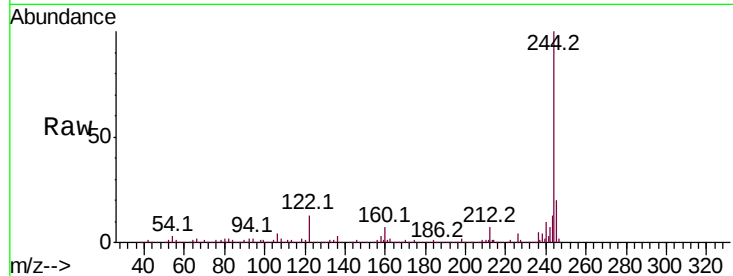
#79
 Terphenyl-d14
 Concen: 83.968 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.6	13.1	19.7#

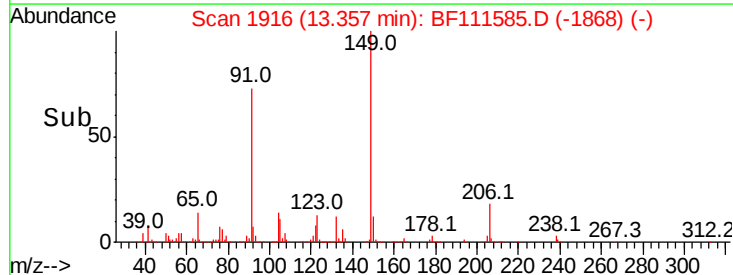
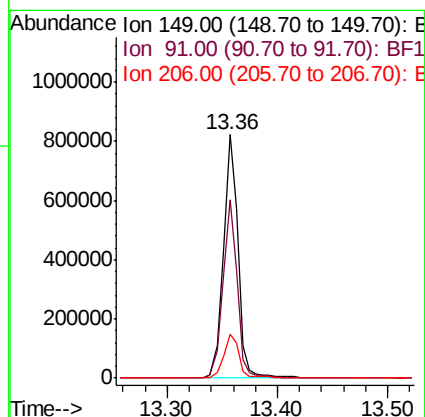
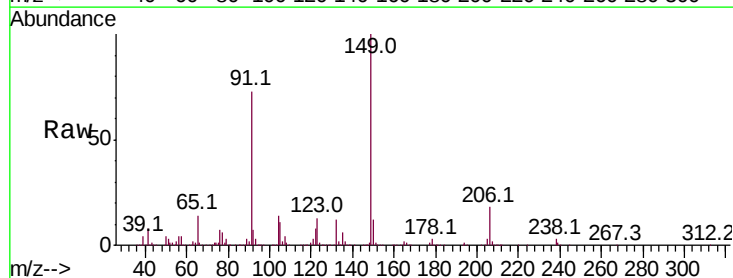
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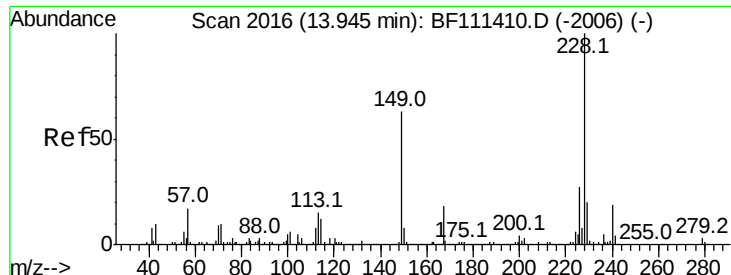
Sohil
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#80
 Butylbenzylphthalate
 Concen: 42.949 ng
 RT: 13.36 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	63.8	95.6
206	18.2	15.1	22.7





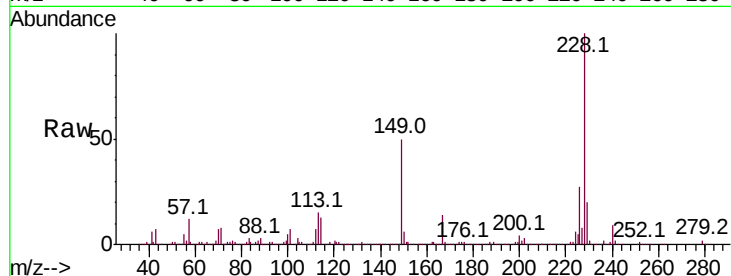
#81
Benzo(a)anthracene
Concen: 37.062 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.9	16.3	24.5

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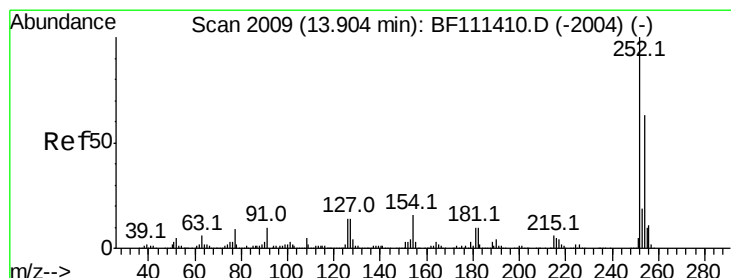
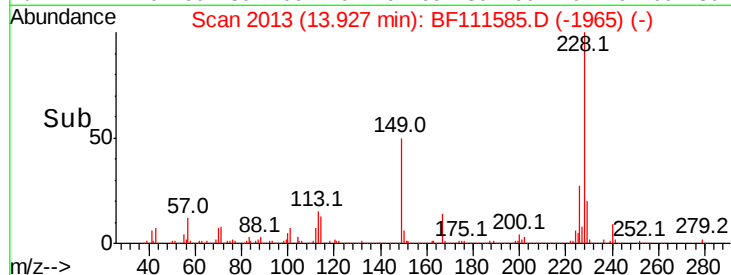
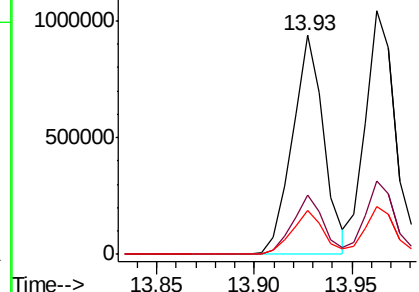


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 17.468 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

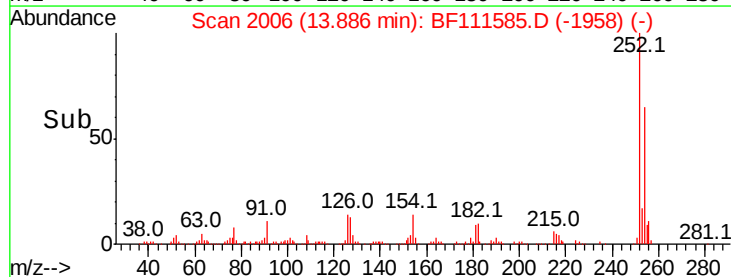
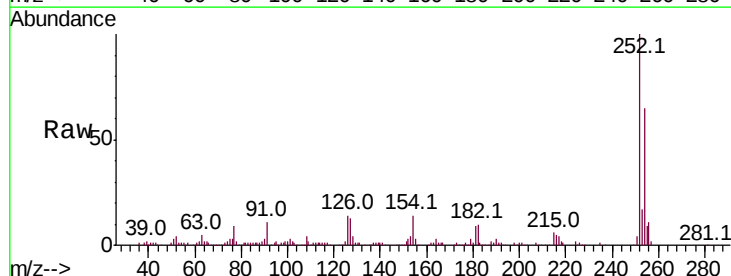
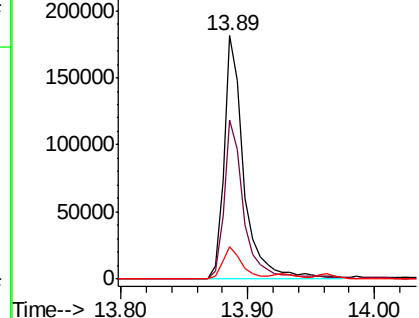
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.7	79.1
126	13.6	11.1	16.7

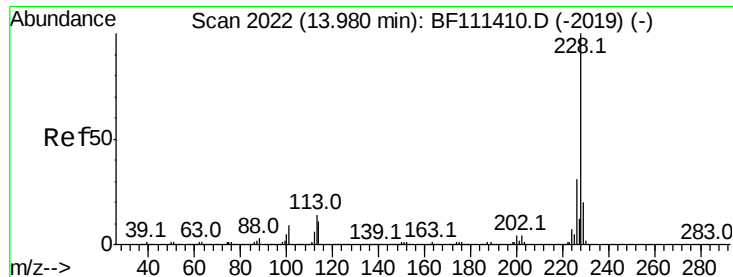
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





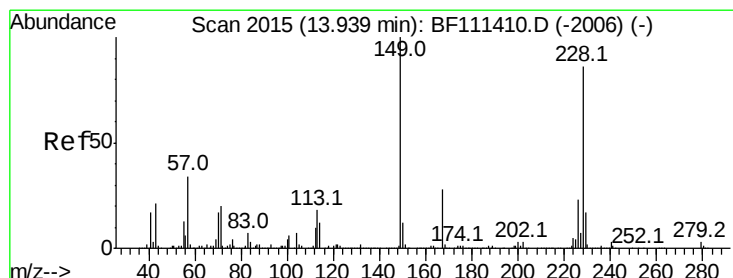
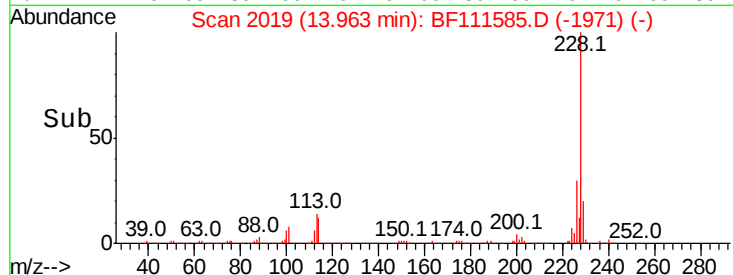
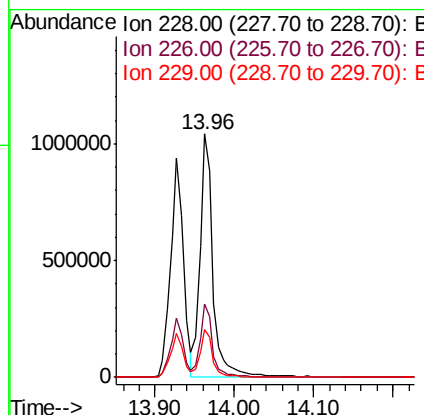
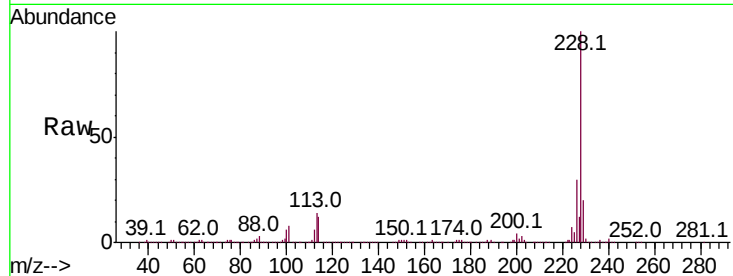
#83
 Chrysene
 Concen: 40.537 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.3	37.9
229	19.9	17.2	25.8

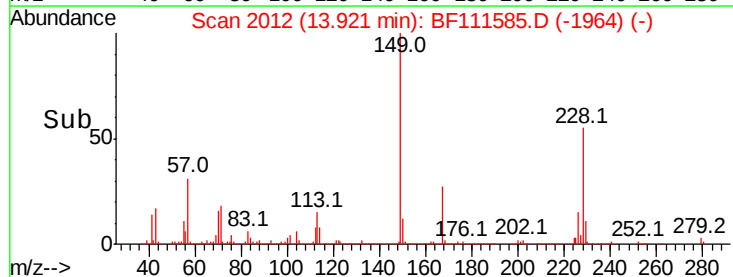
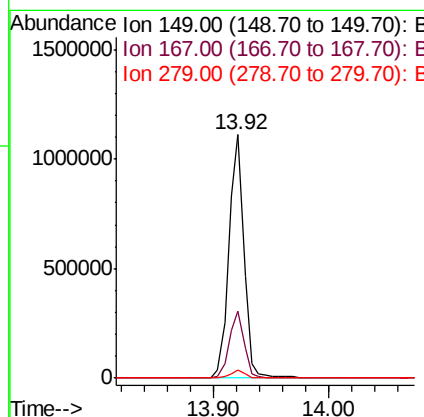
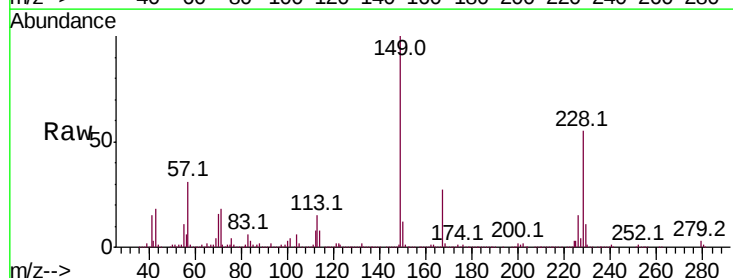
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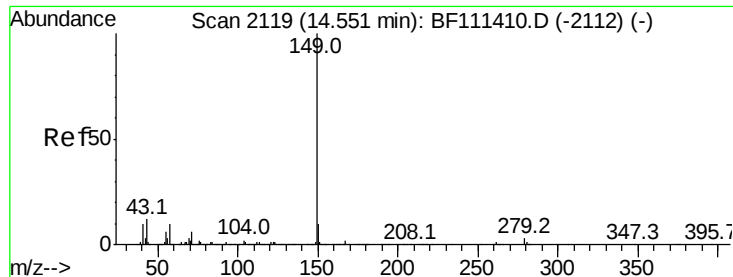
Sohil
 12/19/2018 4:09:28 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.323 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF111585.D
 Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.5	33.7
279	3.3	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 43.220 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

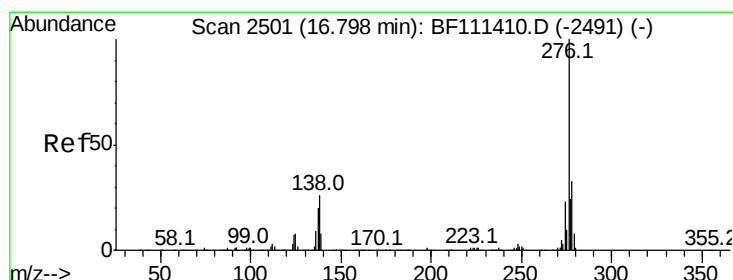
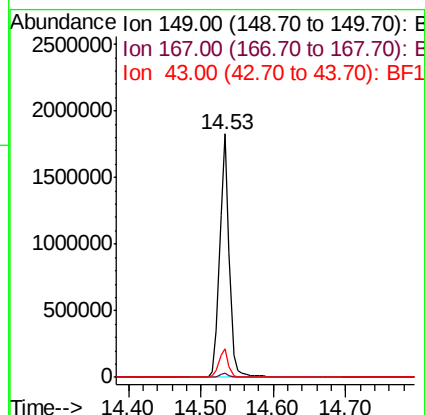
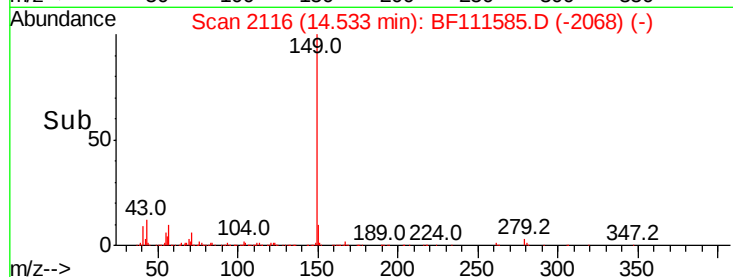
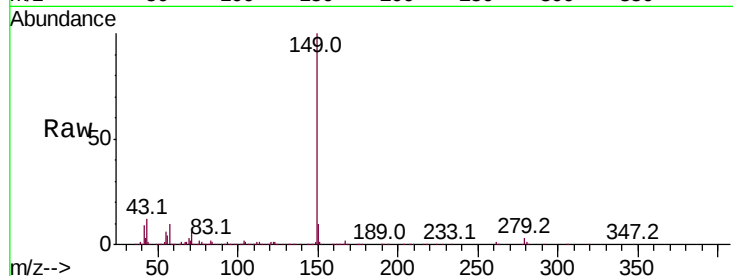
ClientSampleId :

PB115777BS

Tot Ion:	149	Resp:	1656140
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	10.9	16.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.650 ng

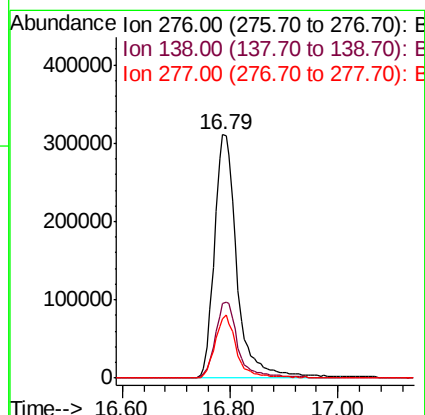
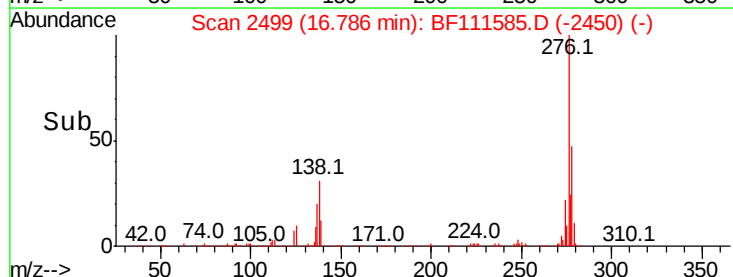
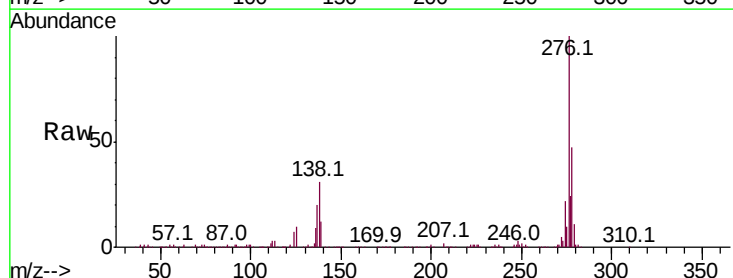
RT: 16.79 min Scan# 2499

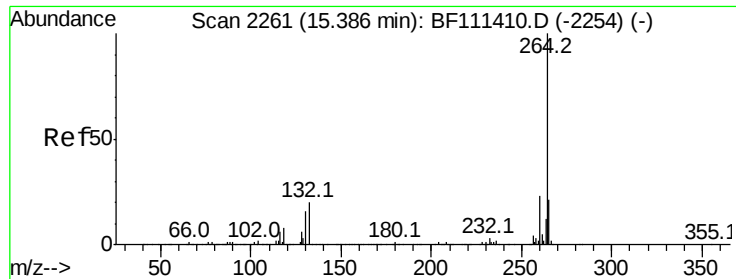
Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion:	276	Resp:	912549
Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	24.5	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Instrument :

BNA_F

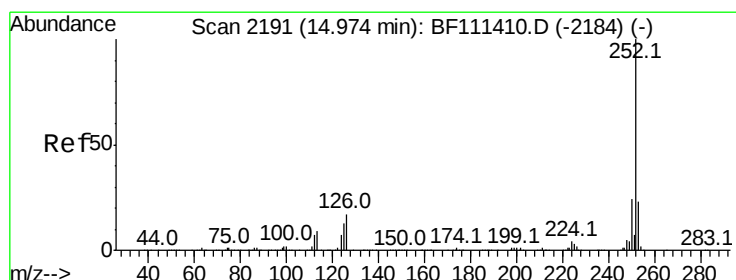
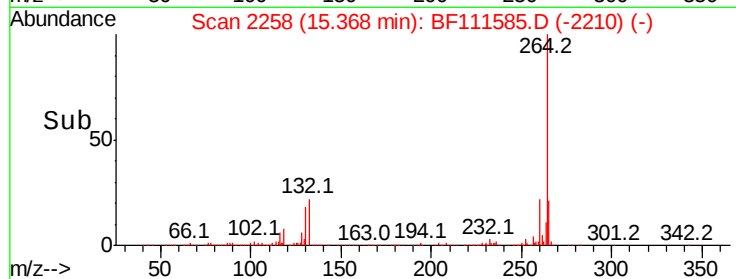
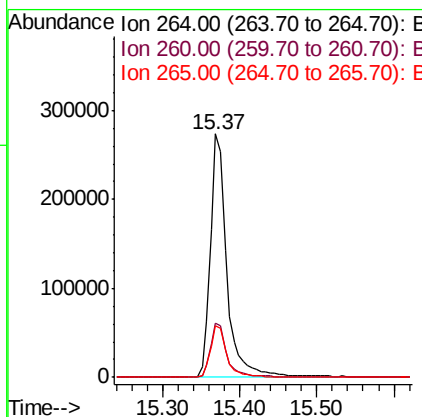
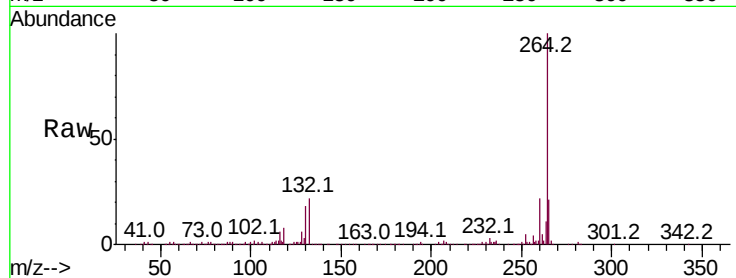
ClientSampleId :

PB115777BS

Tot Ion:	264	Resp:	403663
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.3	27.5
265	21.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 36.108 ng

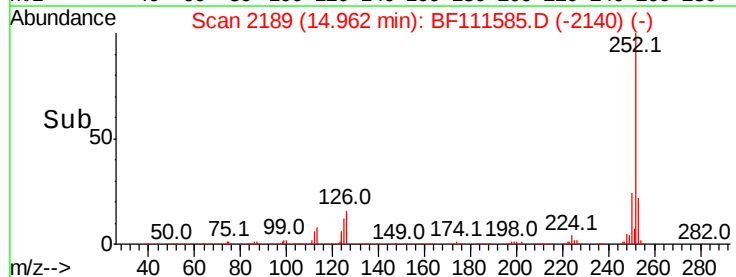
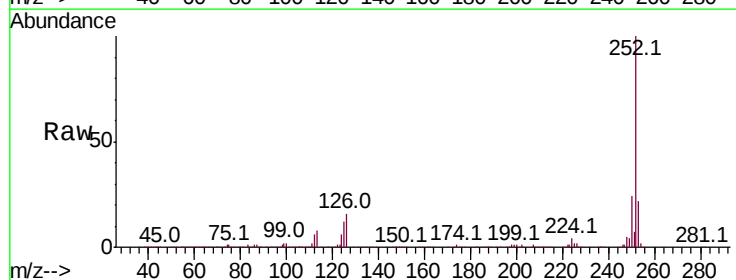
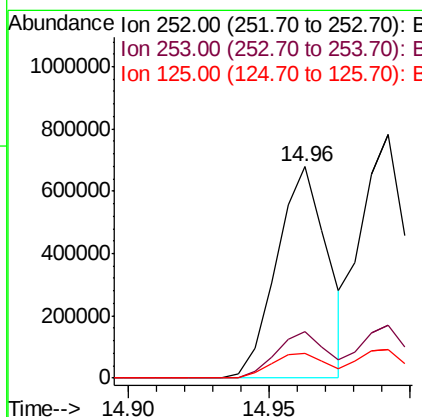
RT: 14.96 min Scan# 2189

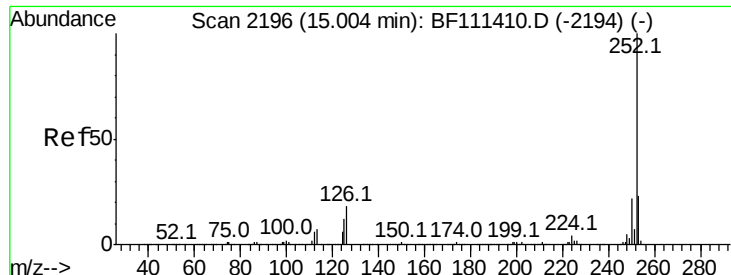
Delta R.T. -0.01 min

Lab File: BF111585.D

Acq: 18 Dec 2018 19:45

Tgt Ion:	252	Resp:	849767
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	11.9	10.4	15.6





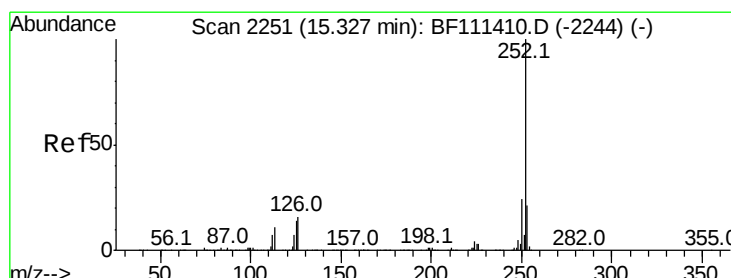
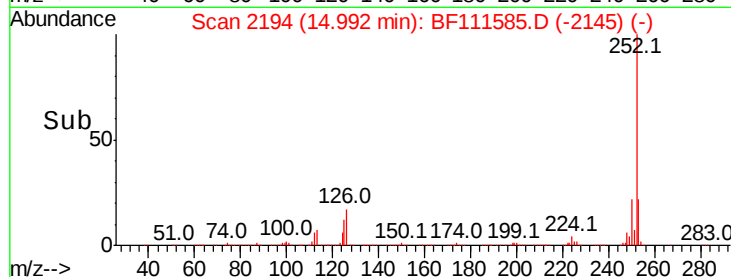
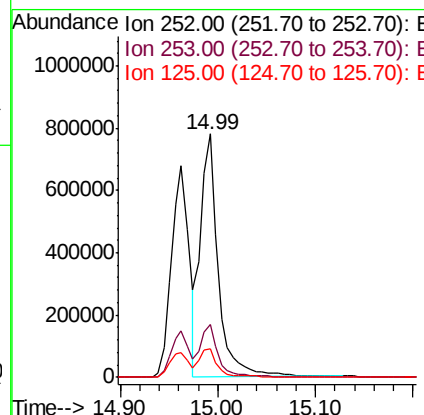
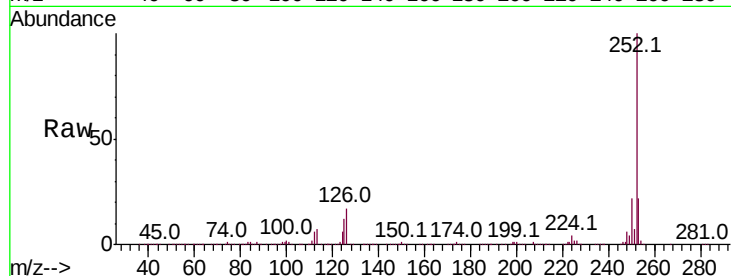
#89
Benzo(k)fluoranthene
Concen: 43.852 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.5	9.8	14.8

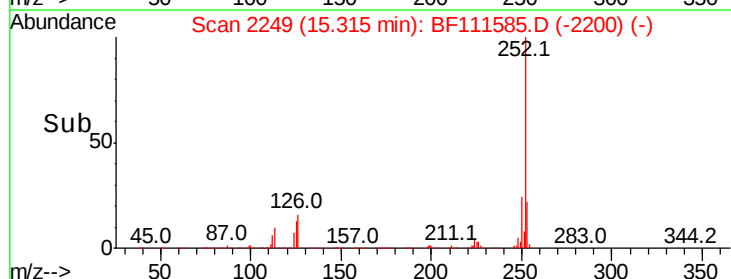
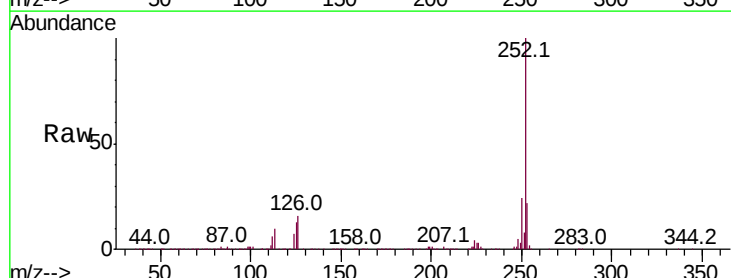
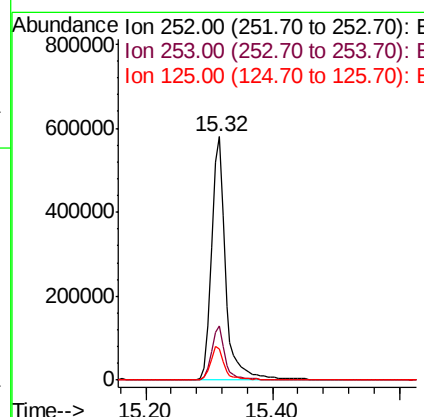
Manual Integrations
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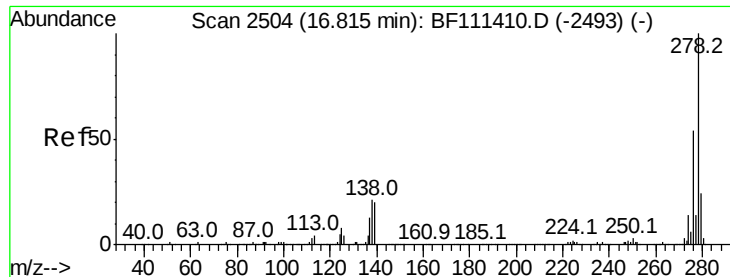
Sohil
12/19/2018 4:09:28 PM



#90
Benzo(a)pyrene
Concen: 41.439 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.8	12.3	18.5





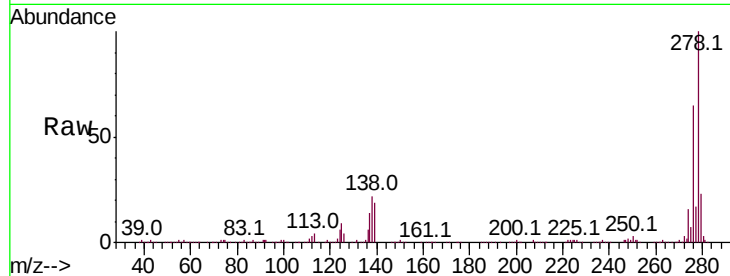
#91
Dibenzo(a,h)anthracene
Concen: 45.627 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Instrument :
BNA_F
ClientSampleId :
PB115777BS

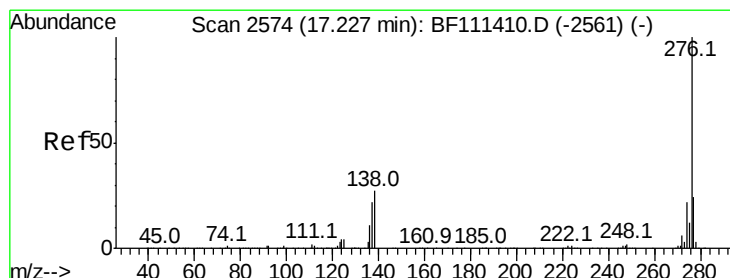
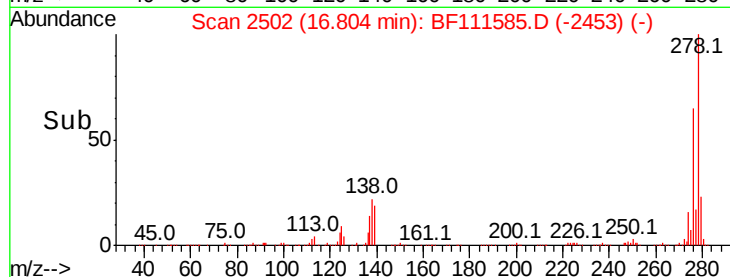
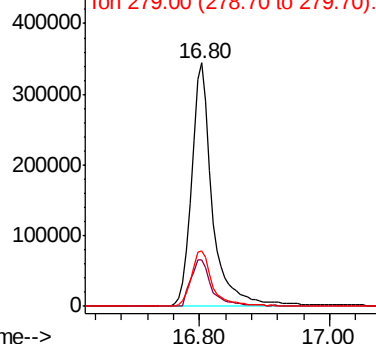
Tot Ion:	278	Resp:	763828
Ion Ratio	Lower	Upper	
278	100		
139	19.3	18.2	27.4
279	22.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/19/2018 4:09:28 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.348 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF111585.D
Acq: 18 Dec 2018 19:45

Tgt Ion:	276	Resp:	761604
Ion Ratio	Lower	Upper	
276	100		
277	22.3	19.2	28.8
138	26.1	24.9	37.3

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

