

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113715.D
 Acq On : 11 Apr 2019 11:55
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/12/2019 2:29:00 PM

Quant Time: Apr 11 12:34:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	173488	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	675451	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	324069	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	646021	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	463554	20.00	ng	-0.02
87) Perylene-d12	15.23	264	402053	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	820128	80.61	ng	-0.01
7) Phenol-d6	6.33	99	999675	79.72	ng	0.00
23) Nitrobenzene-d5	7.25	82	915398	79.38	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	313517	80.54	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1605333	79.75	ng	-0.02
79) Terphenyl-d14	12.77	244	1741743	76.50	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.32	88	185676	38.533 ng	97
3) Pyridine	3.01	79	494213	39.191 ng	97
4) n-Nitrosodimethylamine	2.98	42	217052	40.511 ng	96
6) Aniline	6.35	93	620346	40.814 ng	98
8) 2-Chlorophenol	6.47	128	476862	40.511 ng	96
9) Benzaldehyde	6.23	77	274916	36.872 ng	99
10) Phenol	6.35	94	567959	39.658 ng	96
11) bis(2-Chloroethyl)ether	6.42	93	438840	39.392 ng	99
12) 1,3-Dichlorobenzene	6.62	146	500859	39.511 ng	99
13) 1,4-Dichlorobenzene	6.69	146	507361	39.607 ng	99
14) 1,2-Dichlorobenzene	6.85	146	454296	39.290 ng	98
15) Benzyl Alcohol	6.83	79	332954	39.270 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	652656	37.638 ng	64
17) 2-Methylphenol	6.95	107	361432	39.621 ng	# 93
18) Hexachloroethane	7.18	117	182215	39.080 ng	100
19) n-Nitroso-di-n-propylamine	7.10	70	300719	38.891 ng	99
20) 3+4-Methylphenols	7.11	107	461145	41.722 ng	94
22) Acetophenone	7.10	105	593300	39.993 ng	# 97
24) Nitrobenzene	7.27	77	478363	40.282 ng	98
25) Isophorone	7.51	82	873841	39.338 ng	100
26) 2-Nitrophenol	7.58	139	263234	41.186 ng	98
27) 2,4-Dimethylphenol	7.63	122	358877	39.277 ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	548397	39.049 ng	99
29) 2,4-Dichlorophenol	7.83	162	405948	41.524 ng	100
30) 1,2,4-Trichlorobenzene	7.90	180	419743	39.537 ng	98
31) Naphthalene	7.98	128	1299778	39.716 ng	100
32) Benzoic acid	7.82	122	288719	40.806 ng	98
33) 4-Chloroaniline	8.04	127	541964	41.764 ng	99
34) Hexachlorobutadiene	8.10	225	253656	39.189 ng	98
35) Caprolactam	8.43	113	127628m	41.126 ng	
36) 4-Chloro-3-methylphenol	8.54	107	410208	41.799 ng	98
37) 2-Methylnaphthalene	8.67	142	840259	39.037 ng	99
38) 1-Methylnaphthalene	8.77	142	819850	39.501 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	418621	39.942 ng	99

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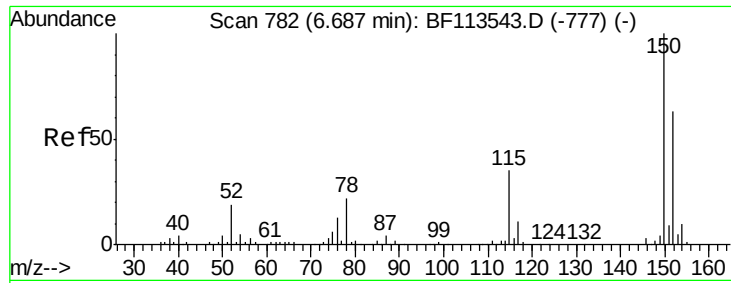
Manual Integrations
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 4/12/2019 2:29:00 PM

Quant Time: Apr 11 12:34:20 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	99807	36.036	nq	97
43) 2,4,6-Trichlorophenol	8.96	196	262826	39.728	nq	99
44) 2,4,5-Trichlorophenol	9.01	196	280578	39.504	nq	99
46) 1,1'-Biphenyl	9.13	154	1060579	39.660	nq	99
47) 2-Chloronaphthalene	9.16	162	804730	39.745	nq	98
48) 2-Nitroaniline	9.27	65	258683	41.754	nq	97
49) Acenaphthylene	9.57	152	1277040	38.787	nq	99
50) Dimethylphthalate	9.44	163	927954	38.846	nq	99
51) 2,6-Dinitrotoluene	9.51	165	210009	39.883	nq	99
52) Acenaphthene	9.75	154	746220	39.594	nq	100
53) 3-Nitroaniline	9.68	138	251349	41.984	nq	92
54) 2,4-Dinitrophenol	9.80	184	108082	43.873	nq	87
55) Dibenzofuran	9.92	168	1094327	39.583	nq	100
56) 4-Nitrophenol	9.87	139	165954	44.687	nq	92
57) 2,4-Dinitrotoluene	9.92	165	262585	41.233	nq	100
58) Fluorene	10.26	166	877247	40.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	268162	43.619	nq	97
60) Diethylphthalate	10.14	149	913279	39.653	nq	98
61) 4-Chlorophenyl-phenylether	10.25	204	430295	40.008	nq	98
62) 4-Nitroaniline	10.30	138	247708	40.689	nq	95
63) Azobenzene	10.41	77	855186	39.215	nq	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	144279	42.422	nq	89
66) n-Nitrosodiphenylamine	10.37	169	789787	39.823	nq	100
67) 4-Bromophenyl-phenylether	10.73	248	285163	39.358	nq	98
68) Hexachlorobenzene	10.81	284	329936	39.742	nq	# 94
69) Atrazine	10.90	200	242189	38.744	nq	96
70) Pentachlorophenol	11.02	266	171202	43.764	nq	99
71) Phenanthrene	11.22	178	1271847	39.620	nq	100
72) Anthracene	11.27	178	1301167	39.839	nq	100
73) Carbazole	11.43	167	1267541	41.495	nq	100
74) Di-n-butylphthalate	11.75	149	1429920	39.350	nq	99
75) Fluoranthene	12.40	202	1403700	40.807	nq	99
77) Benzidine	12.52	184	666141	38.644	nq	98
78) Pyrene	12.63	202	1410508	39.990	nq	100
80) Butylbenzylphthalate	13.24	149	571446	39.801	nq	99
81) Benzo(a)anthracene	13.82	228	1094959	40.948	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	426354	41.396	nq	99
83) Chrysene	13.86	228	1077956	39.767	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	700335	40.344	nq	99
85) Di-n-octyl phthalate	14.41	149	1046378	37.083	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1010509	40.376	nq	99
88) Benzo(b)fluoranthene	14.83	252	910607	37.001	nq	99
89) Benzo(k)fluoranthene	14.86	252	904830	40.966	nq	99
90) Benzo(a)pyrene	15.17	252	869103	39.741	nq	100
91) Dibenzo(a,h)anthracene	16.60	278	836739	40.915	nq	99
92) Benzo(g,h,i)perylene	17.00	276	881491	42.229	nq	99

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



#1

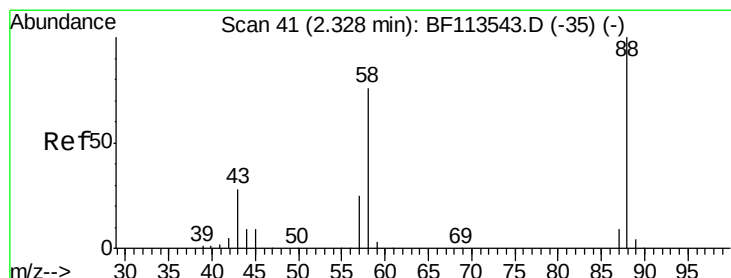
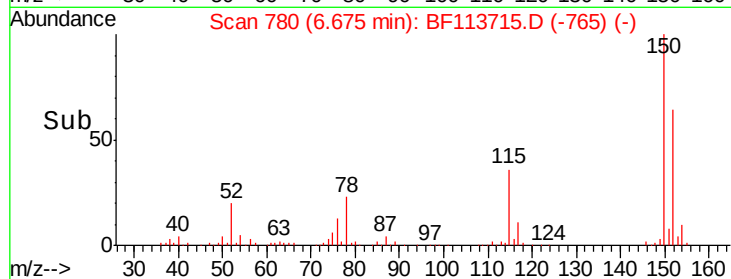
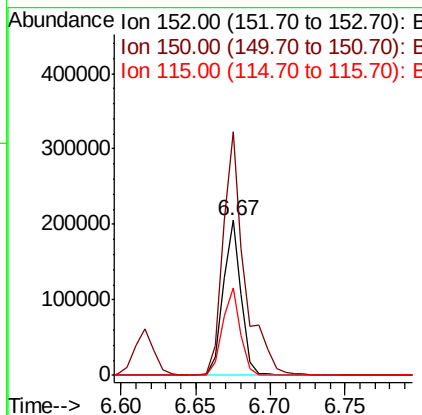
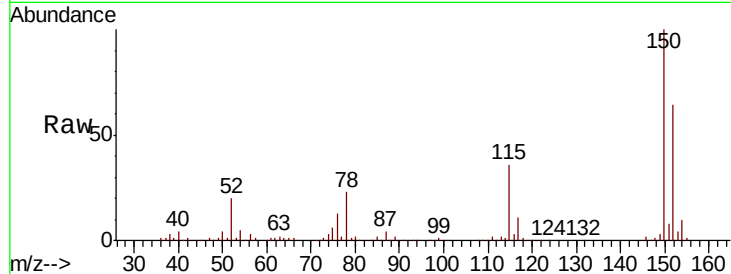
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	56.3	46.0	69.0

Manual Integrations
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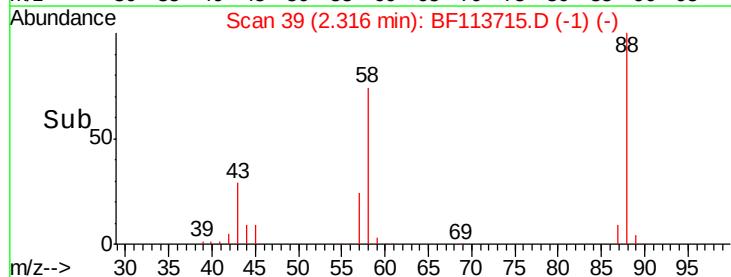
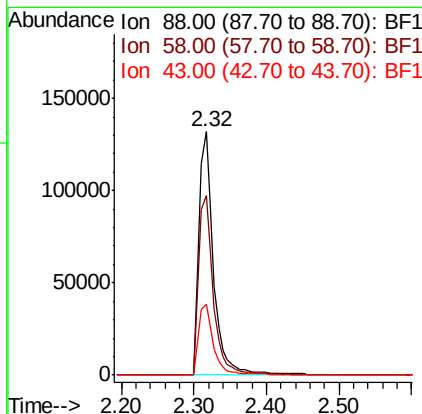
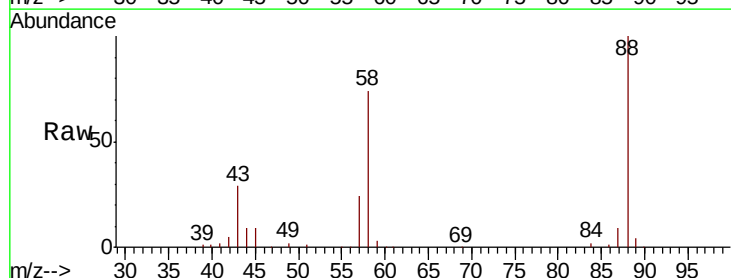
Sohil
4/12/2019 2:29:00 PM

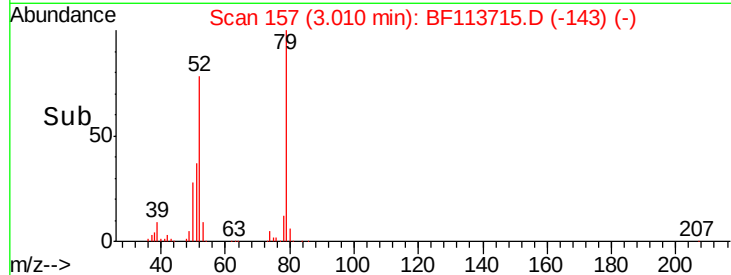
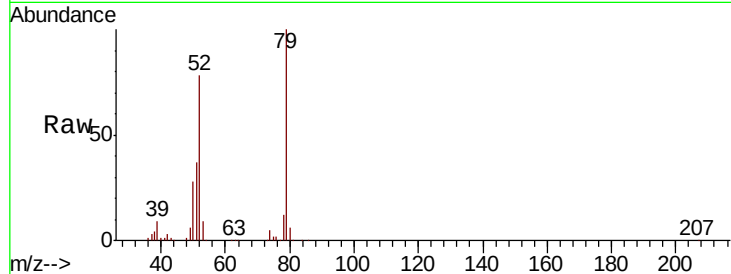
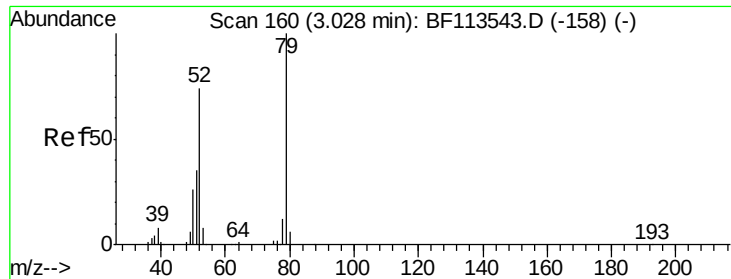


#2

1,4-Dioxane
Concen: 38.533 ng
RT: 2.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	61.9	92.9
43	29.6	24.2	36.4





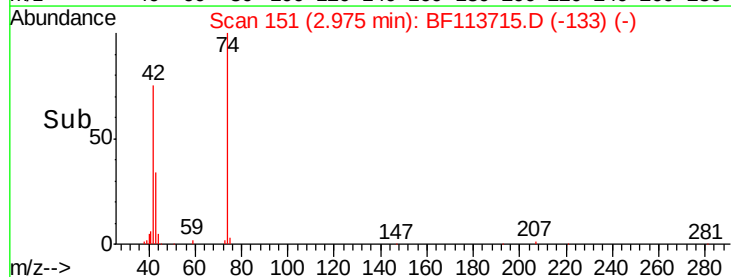
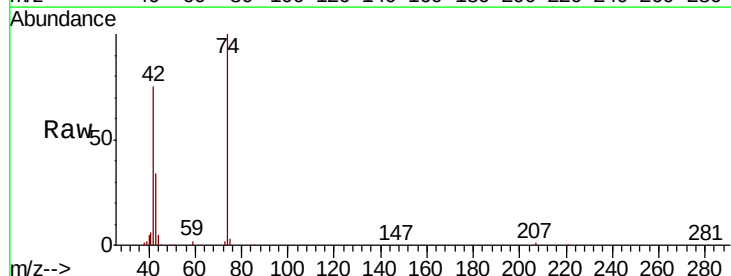
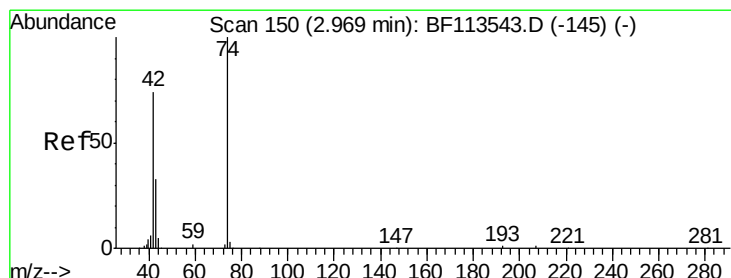
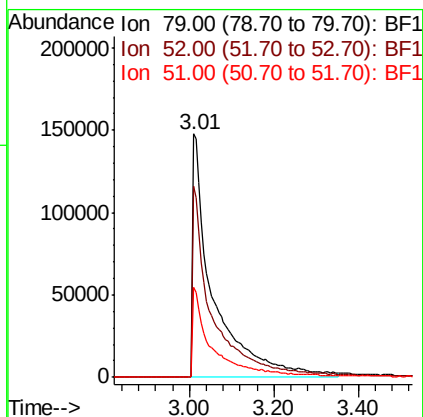
#3
 Pvridine
 Concen: 39.191 ng
 RT: 3.01 min Scan# 157
 Delta R.T. -0.02 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tot Ion	Ratio	Resp	Lower	Upper
79	100	494213		
52	78.5		61.0	91.4
51	36.7		30.6	45.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

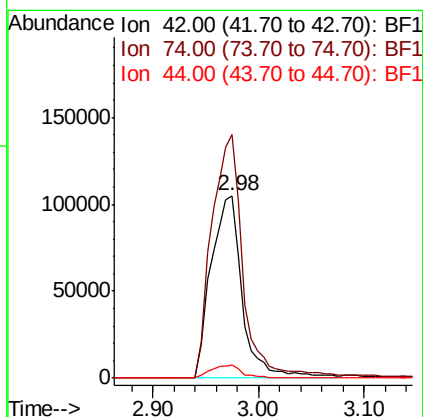
Manual Integrations
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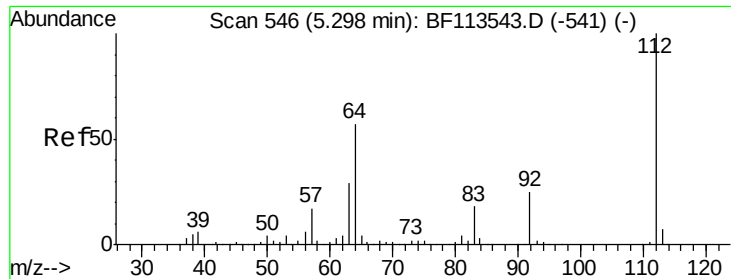
Sohil
 4/12/2019 2:29:00 PM



#4
 n-Nitrosodimethylamine
 Concen: 40.511 ng
 RT: 2.98 min Scan# 151
 Delta R.T. 0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	217052		
74	133.3		102.4	153.6
44	6.9		5.5	8.3





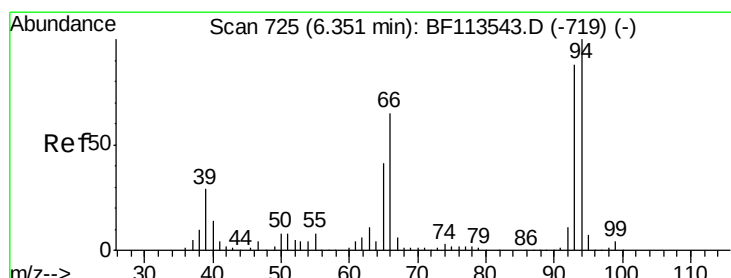
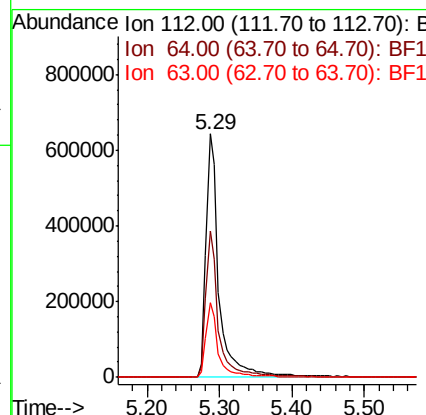
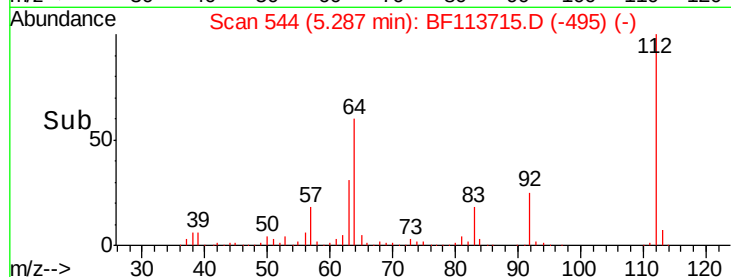
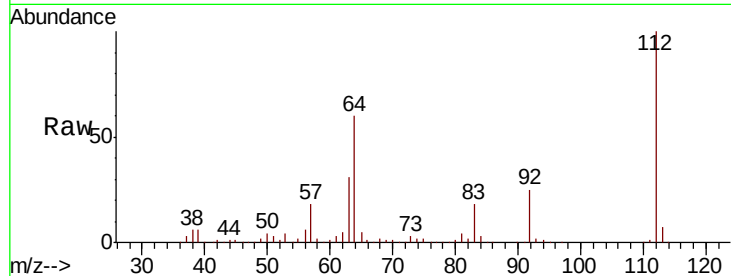
#5
2-Fluorophenol
Concen: 80.611 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.4	49.2	73.8
63	30.8	24.9	37.3

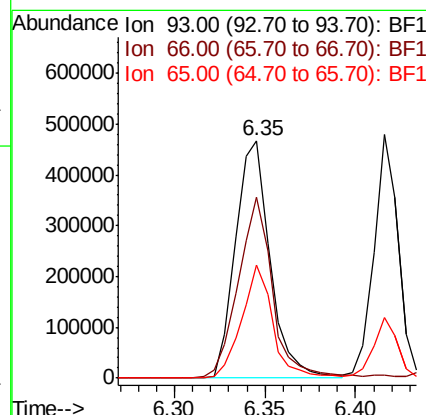
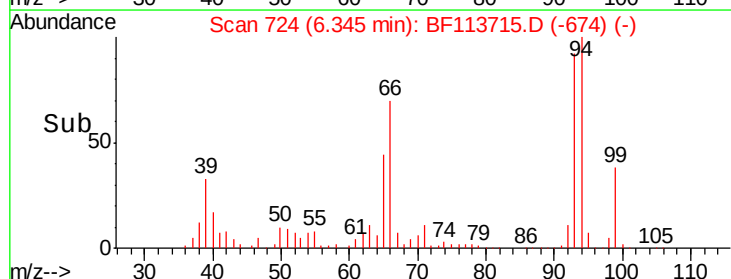
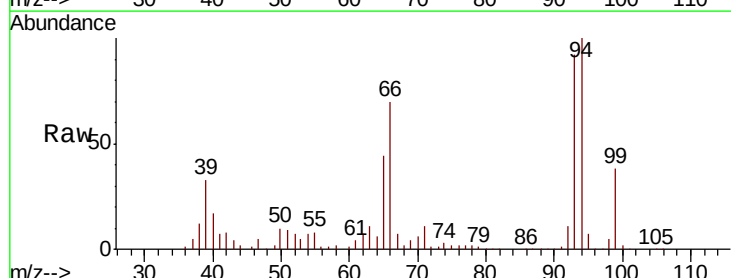
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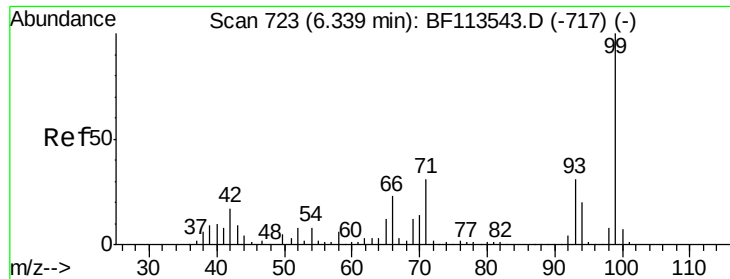
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#6
Aniline
Concen: 40.814 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	76.1	62.1	93.1
65	47.5	38.7	58.1





#7

Phenol-d6

Concen: 79.723 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

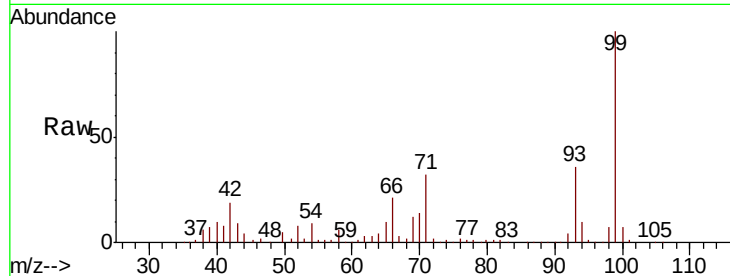
ClientSampleId :

SSTDCCC040

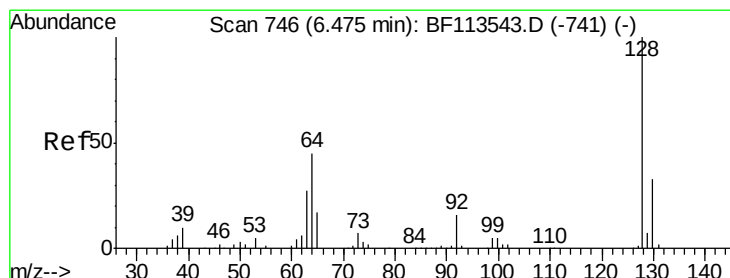
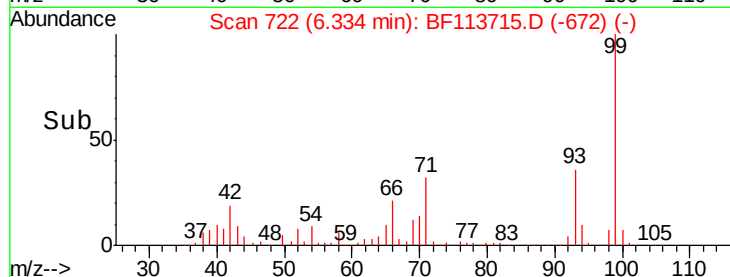
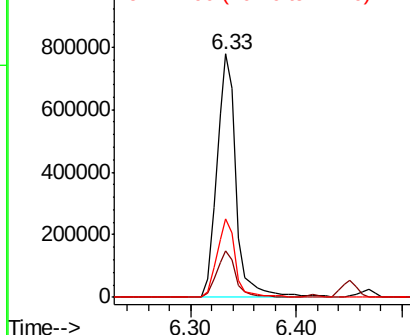
Tot Ion:	99	Resp:	999675
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.8	22.2
71	32.3	24.9	37.3

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



#8

2-Chlorophenol

Concen: 40.511 ng

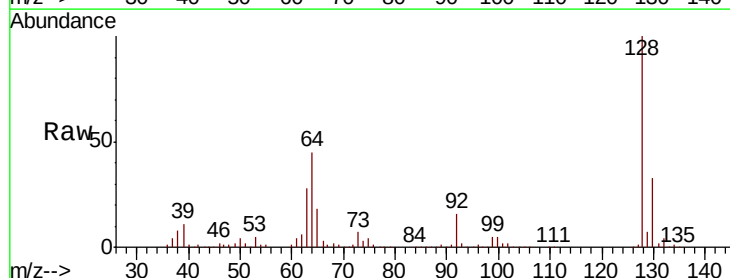
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

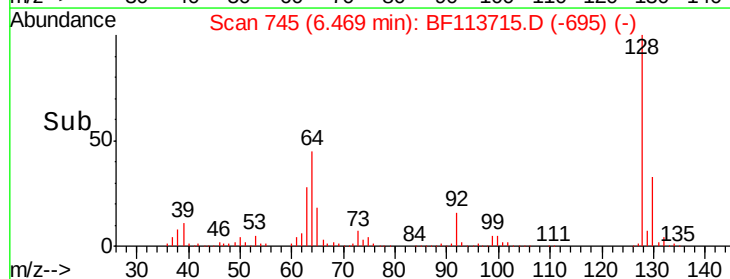
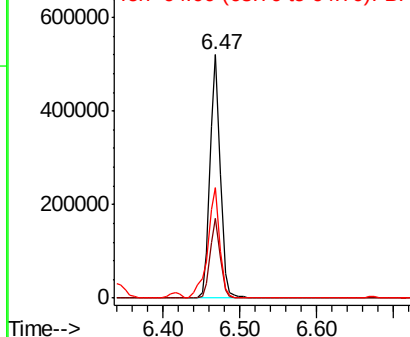
Lab File: BF113715.D

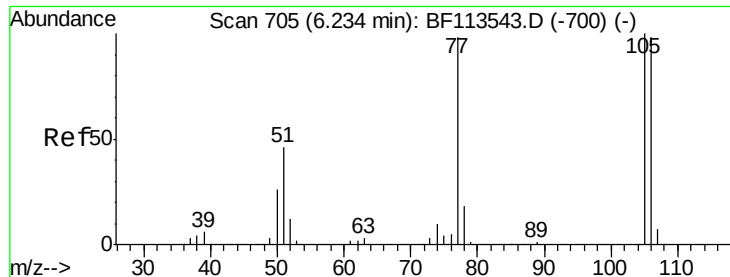
Acq: 11 Apr 2019 11:55

Tgt Ion:	128	Resp:	476862
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	45.2	29.4	69.4



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





#9

Benzaldehyde

Concen: 36.872 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

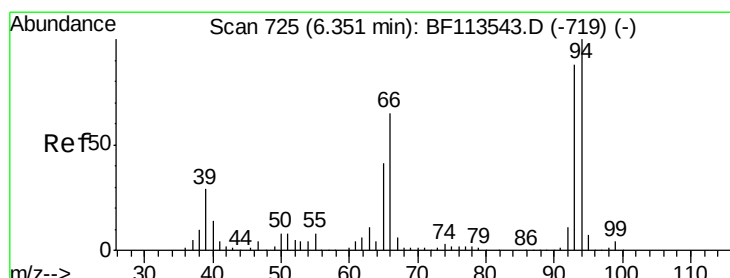
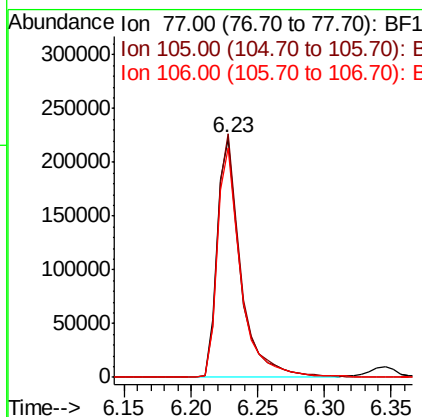
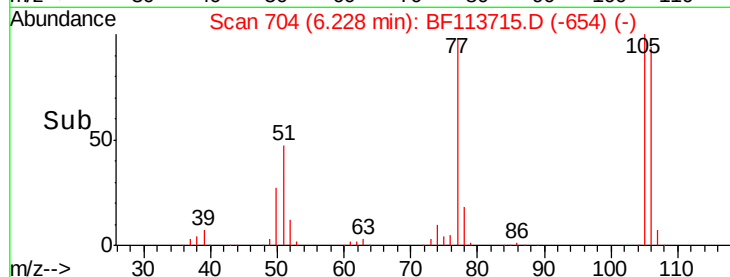
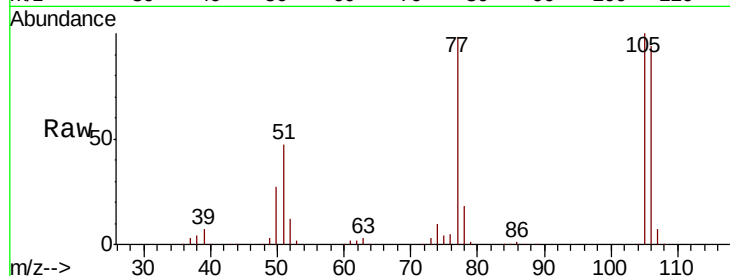
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	274916
Ion	Ratio	Lower	Upper
77	100		
105	101.9	80.9	120.9
106	96.3	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 39.658 ng

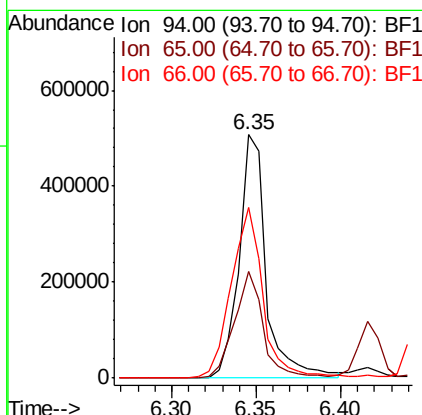
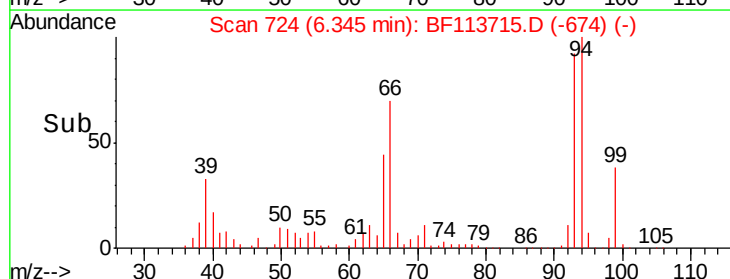
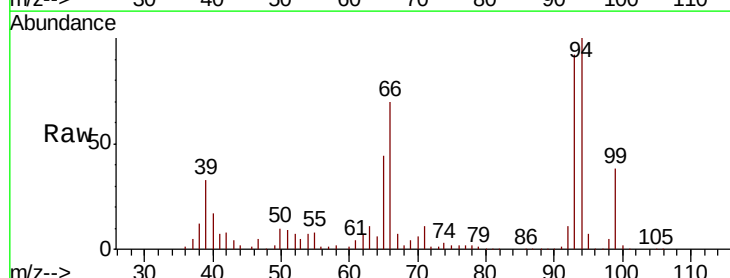
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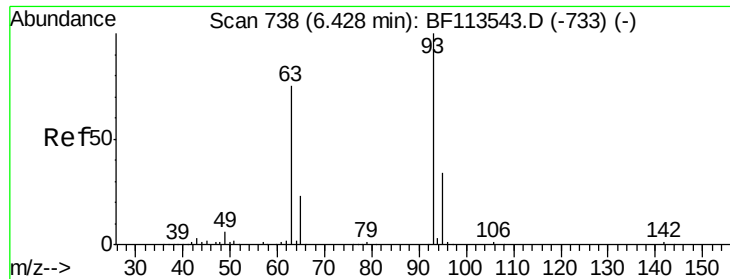
Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Tgt Ion:	94	Resp:	567959
Ion	Ratio	Lower	Upper
94	100		
65	43.7	21.4	61.4
66	70.1	46.4	86.4





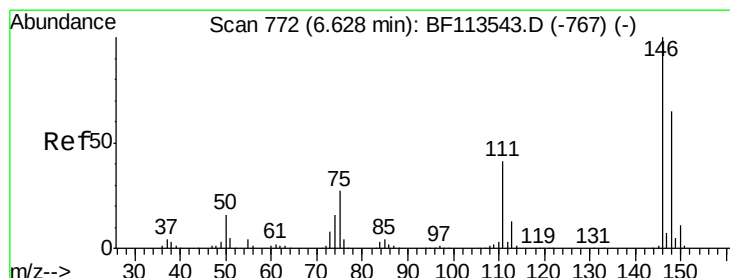
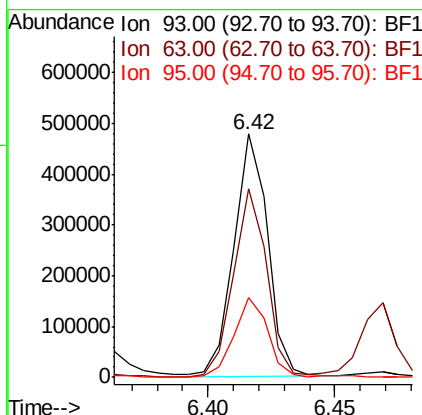
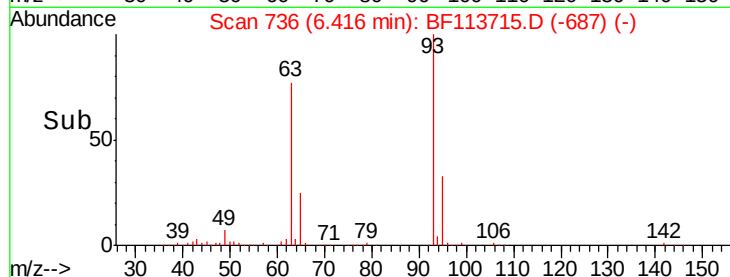
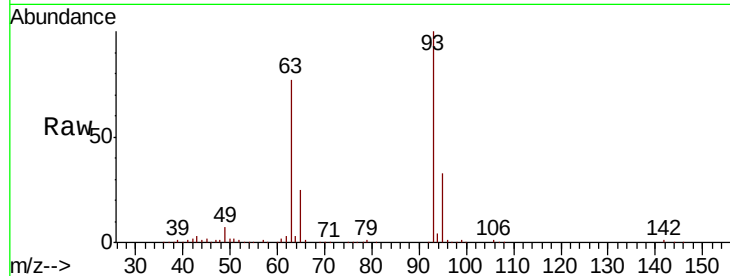
#11
bis(2-Chloroethyl)ether
Concen: 39.392 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.4	56.1	96.1
95	33.0	12.8	52.8

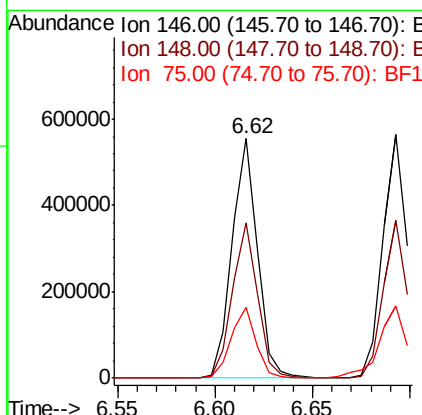
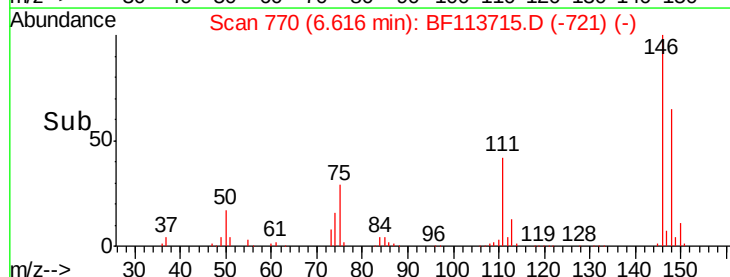
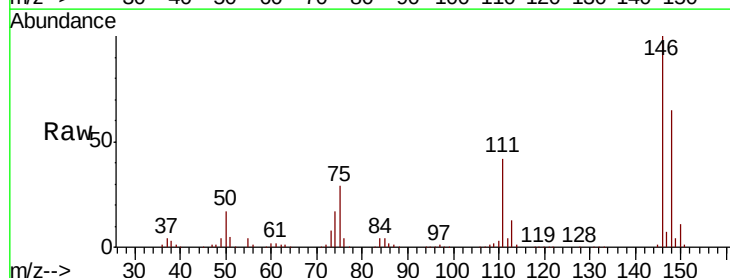
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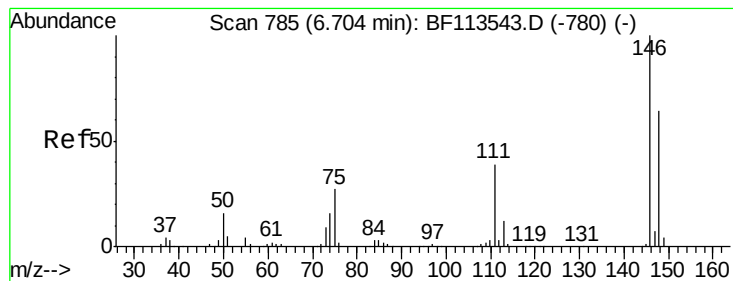
Sohil
4/12/2019 2:29:00 PM



#12
1,3-Dichlorobenzene
Concen: 39.511 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	29.5	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 39.607 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

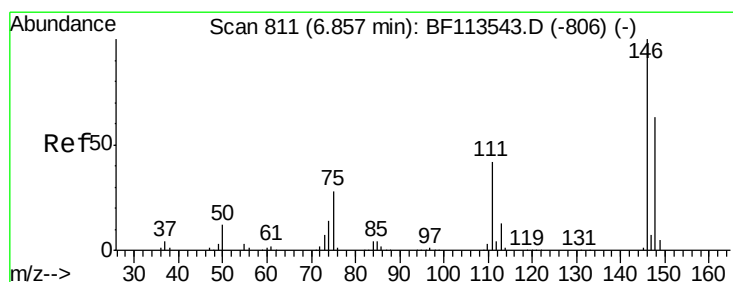
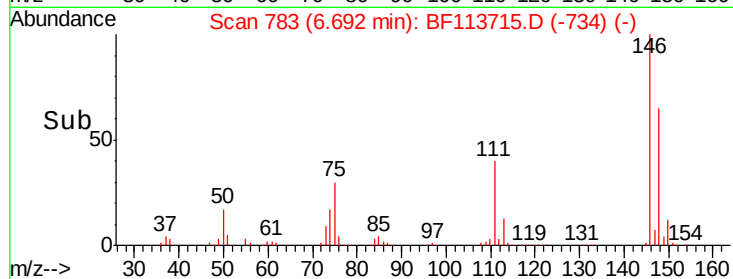
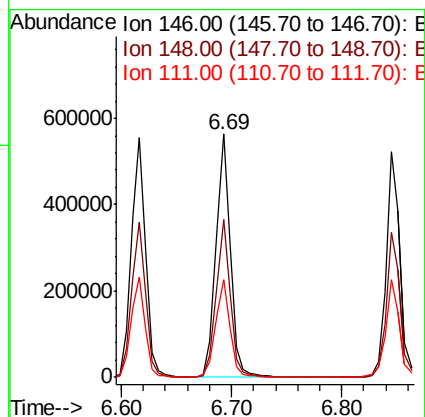
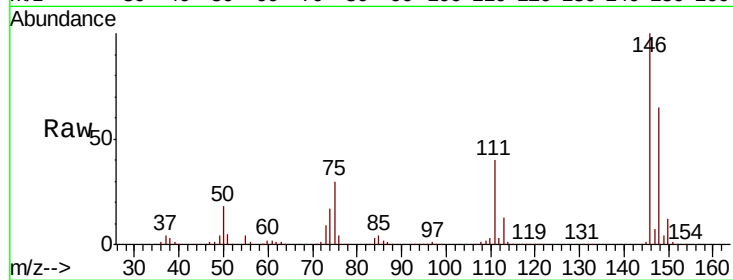
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	507361
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	40.0	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 39.290 ng

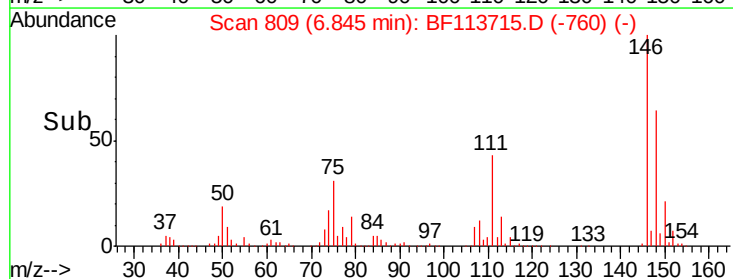
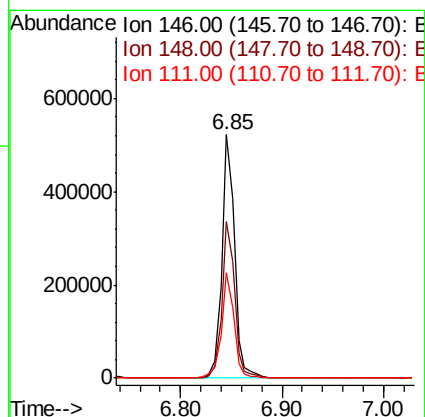
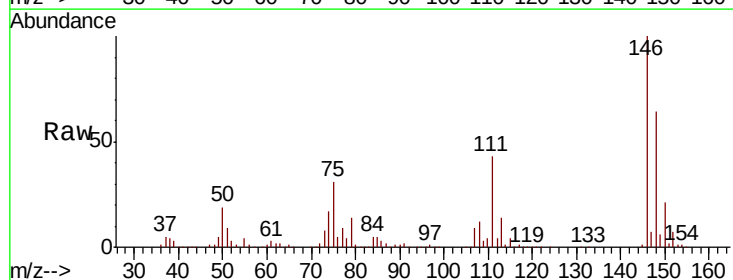
RT: 6.85 min Scan# 809

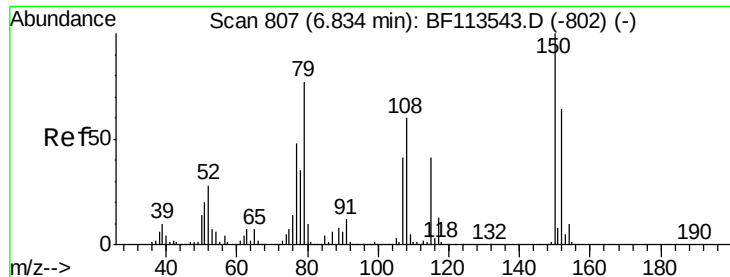
Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Tgt Ion:	146	Resp:	454296
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.2	75.4
111	43.3	35.4	53.2





#15

Benzyl Alcohol

Concen: 39.270 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

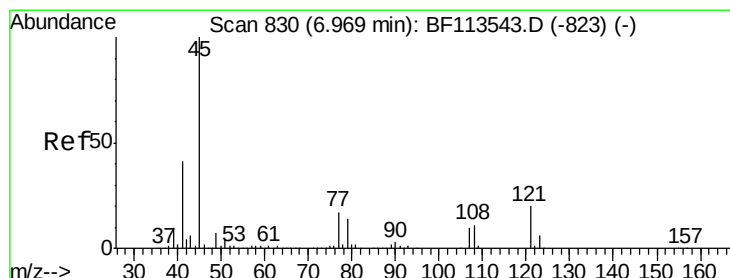
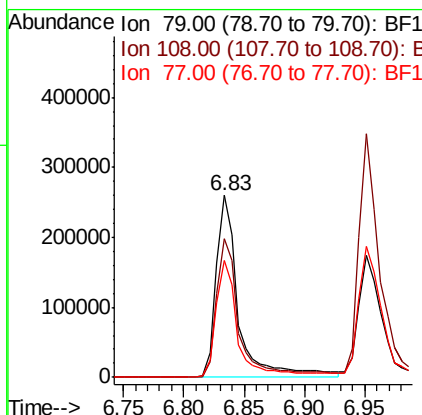
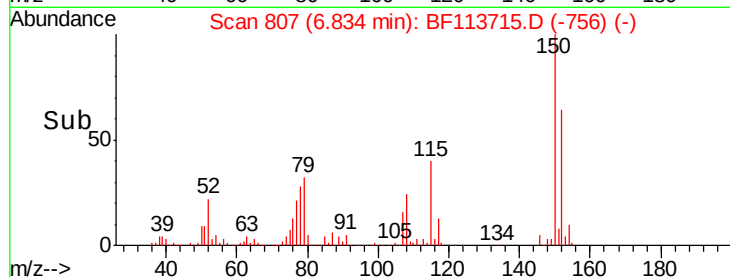
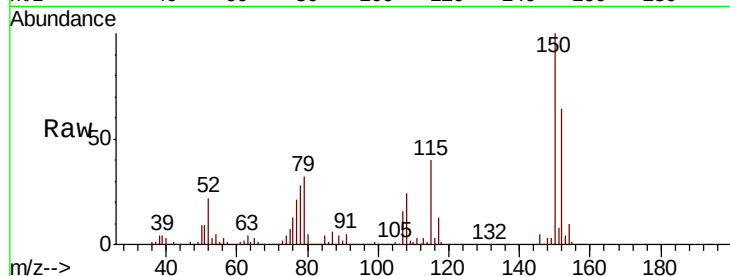
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	332954
Ion	Ratio	Lower	Upper
79	100		
108	76.4	62.0	93.0
77	64.1	49.9	74.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.638 ng

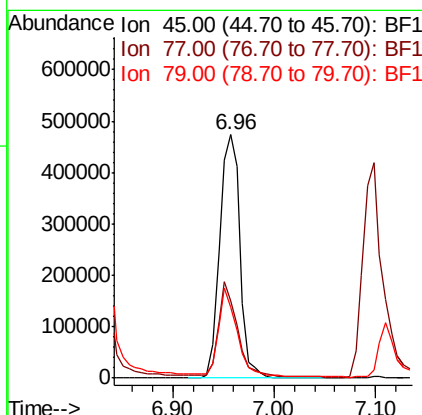
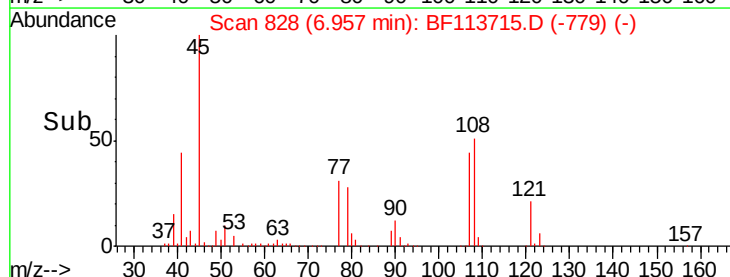
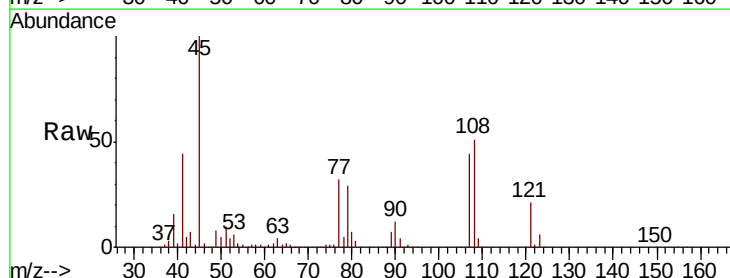
RT: 6.96 min Scan# 828

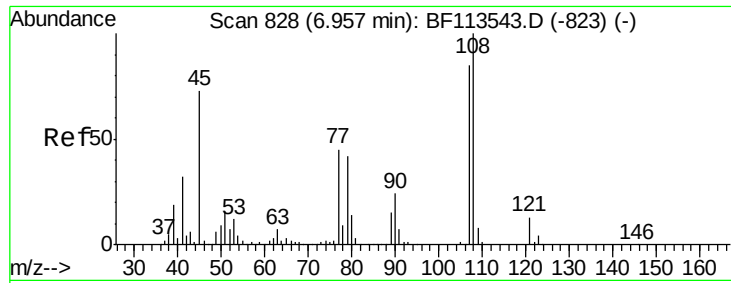
Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Tgt Ion:	45	Resp:	652656
Ion	Ratio	Lower	Upper
45	100		
77	31.6	0.0	36.6
79	29.0	0.0	34.0





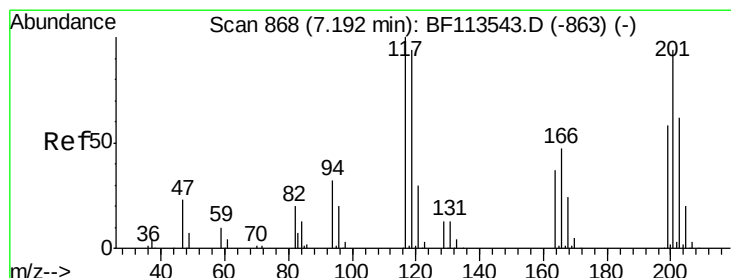
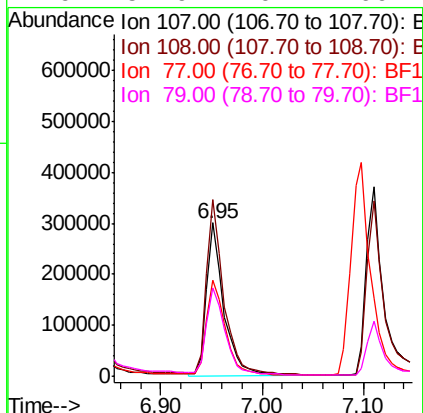
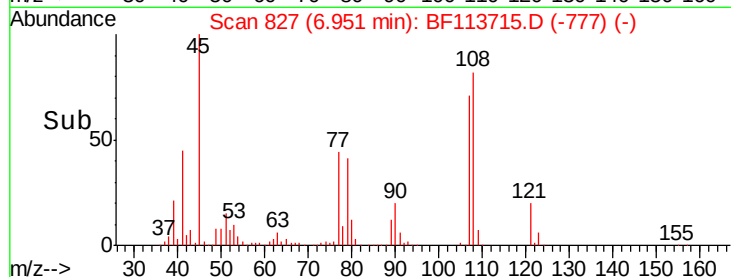
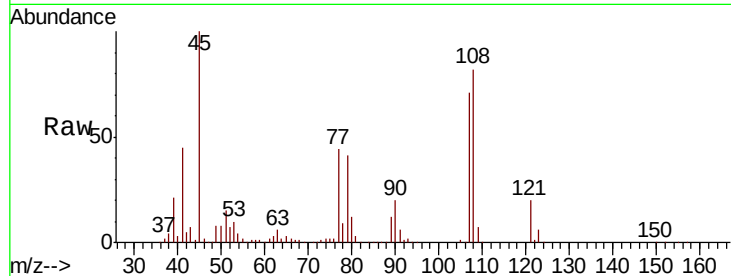
#17
2-Methylphenol
Concen: 39.621 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	93.4	140.0
77	62.4	41.2	61.8
79	57.9	40.1	60.1

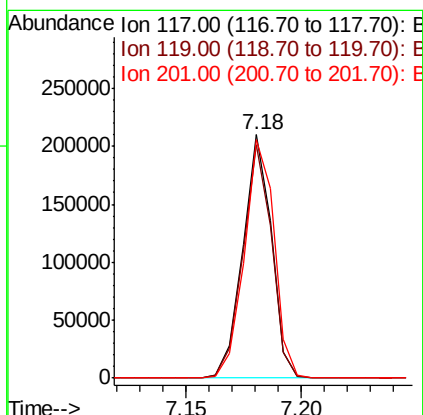
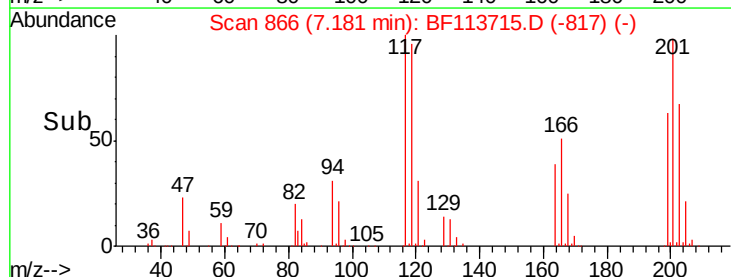
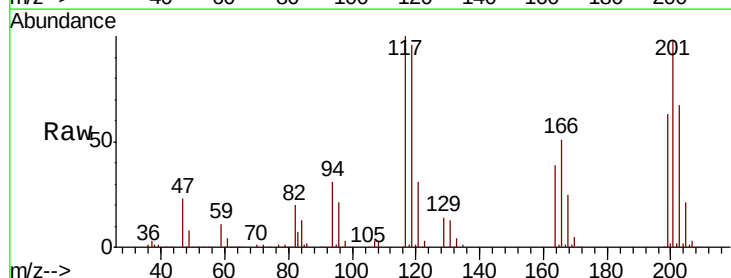
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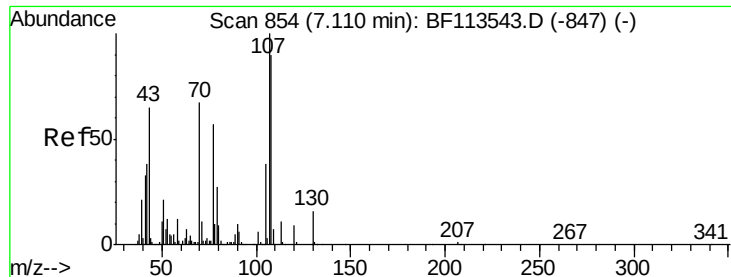
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#18
Hexachloroethane
Concen: 39.080 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.9	115.3
201	98.1	78.7	118.1





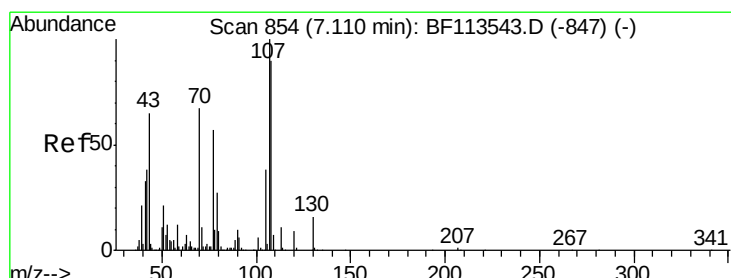
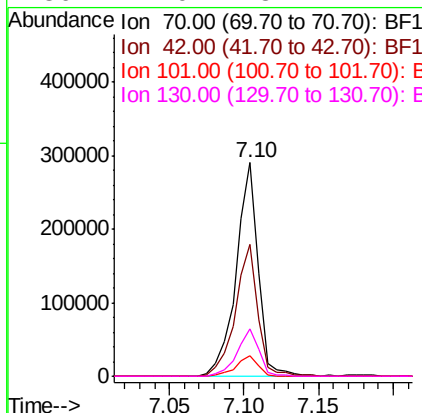
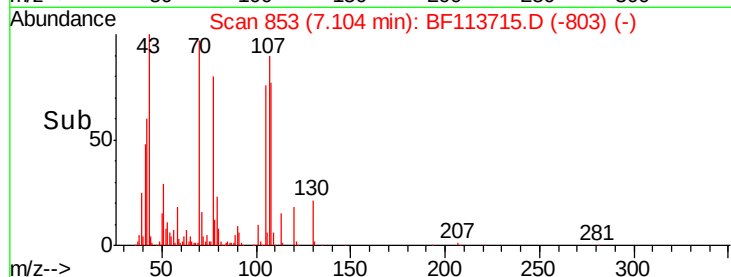
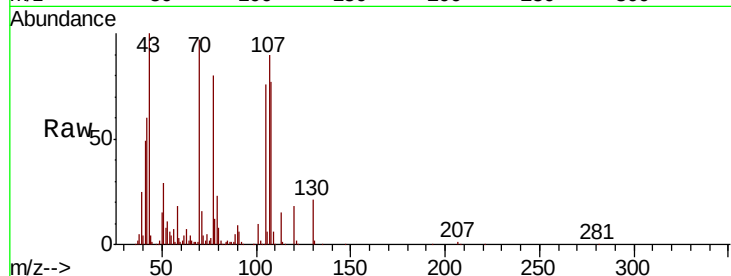
#19
n-Nitroso-di-n-propylamine
Concen: 38.891 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.6	48.4	72.6		
101	9.8	7.8	11.8		
130	22.0	18.2	27.4		

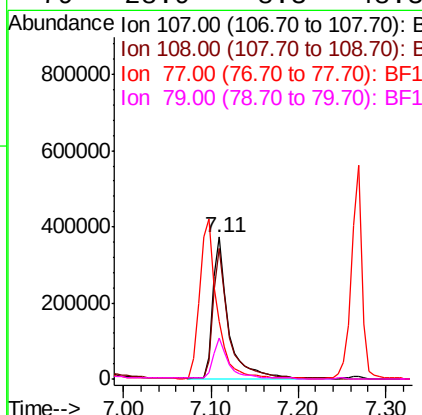
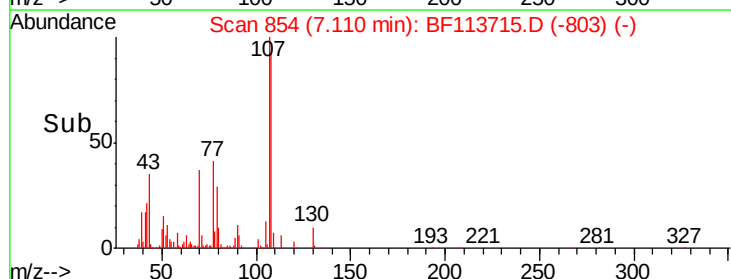
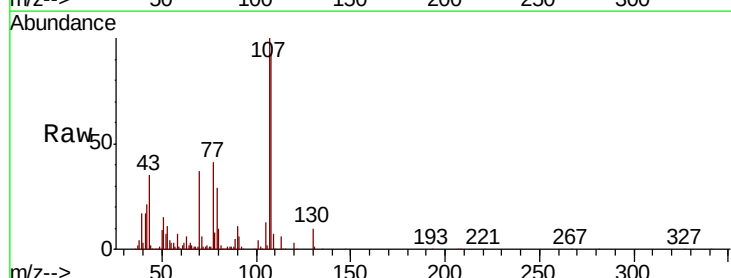
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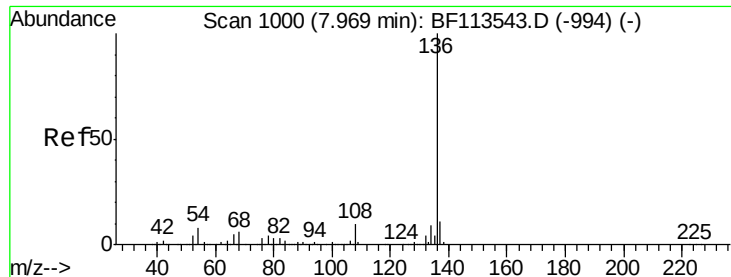
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#20
3+4-Methylphenols
Concen: 41.722 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.1	71.4	111.4		
77	41.0	33.5	73.5		
79	28.9	8.3	48.3		





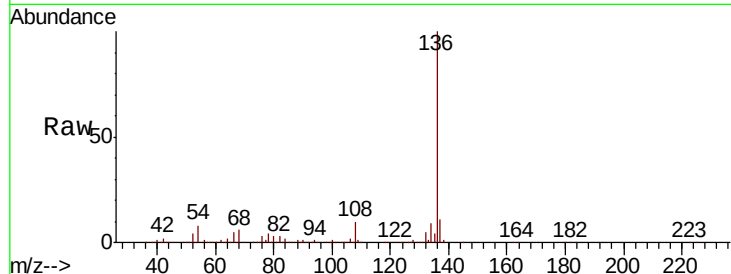
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

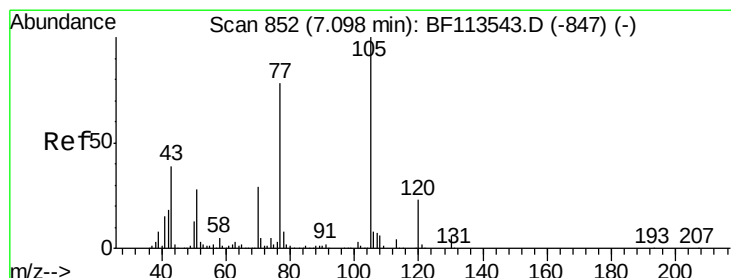
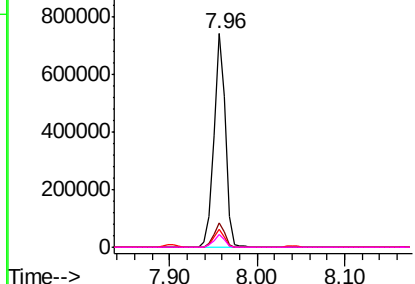
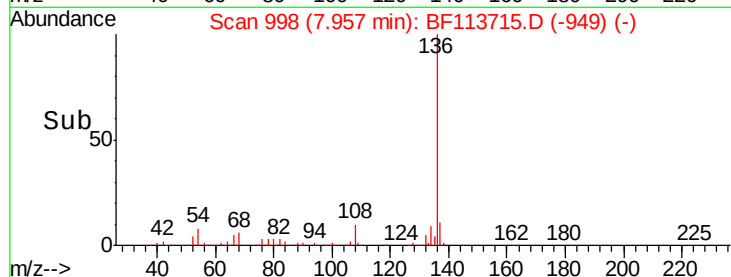
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		675451		
137	11.3		8.9	13.3	
54	8.1		7.0	10.6	
68	6.0		4.8	7.2	

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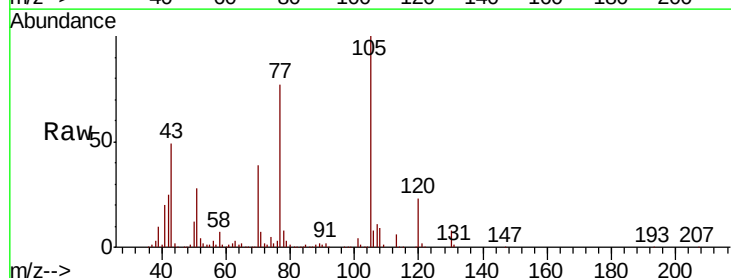


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

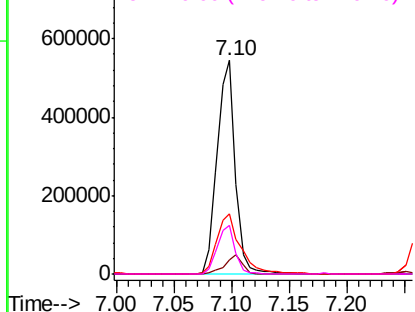
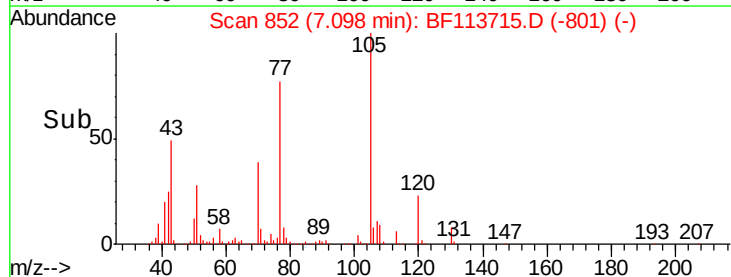


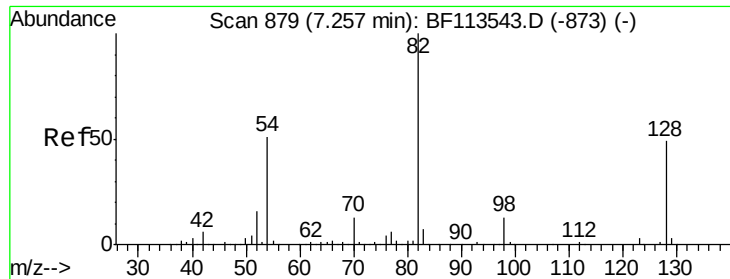
#22
Acetophenone
Concen: 39.993 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		593300		
71	6.5		3.3	4.9#	
51	28.1		24.2	36.2	
120	23.0		18.1	27.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





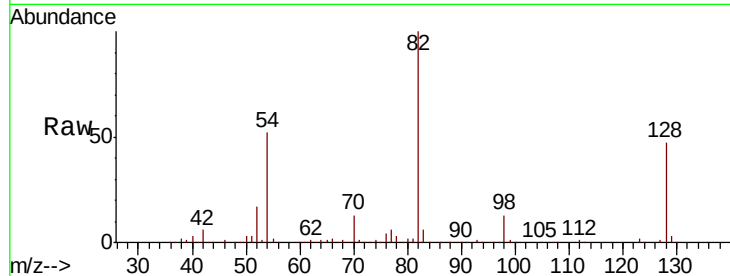
#23
 Nitrobenzene-d5
 Concen: 79.384 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

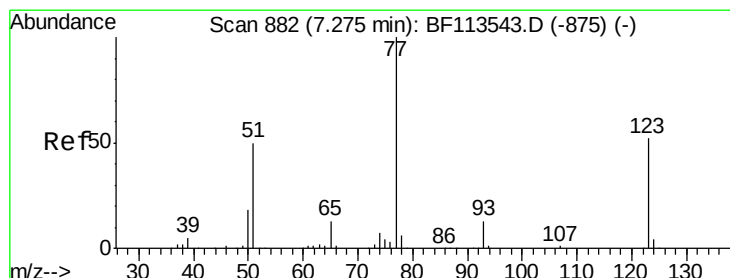
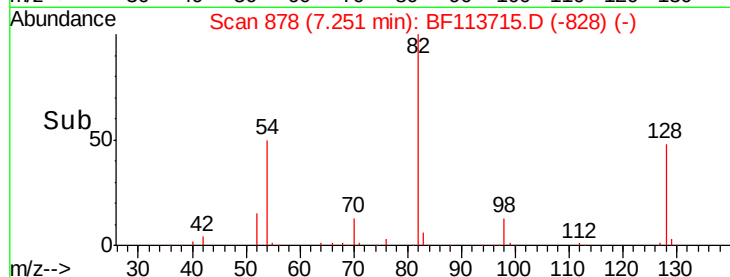
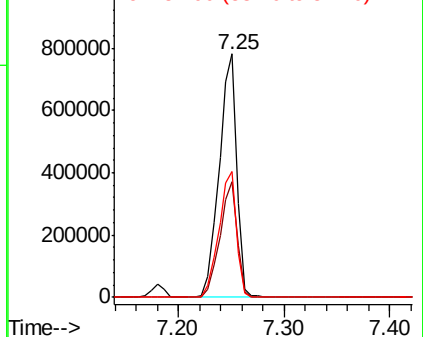
Tot Ion	82	Resp	915398
Ion Ratio	100	Lower	Upper
82	100		
128	47.5	36.5	54.7
54	51.6	42.2	63.2

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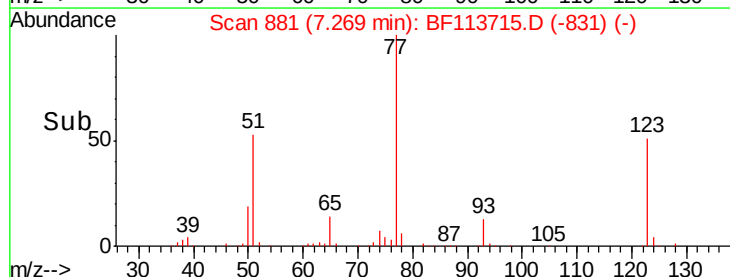
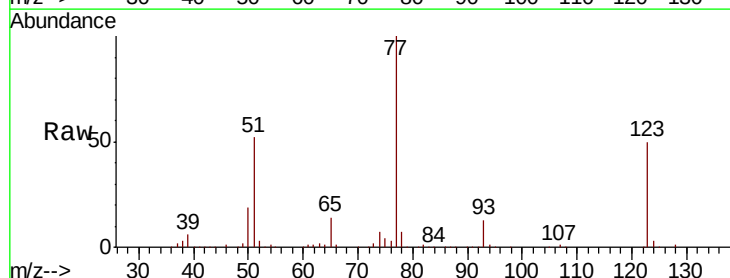
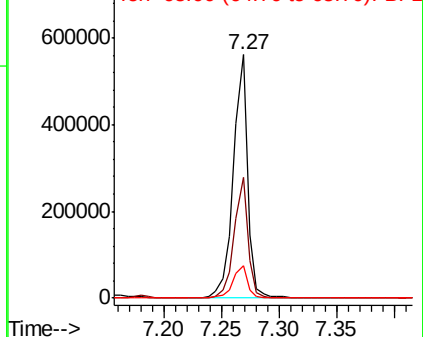
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

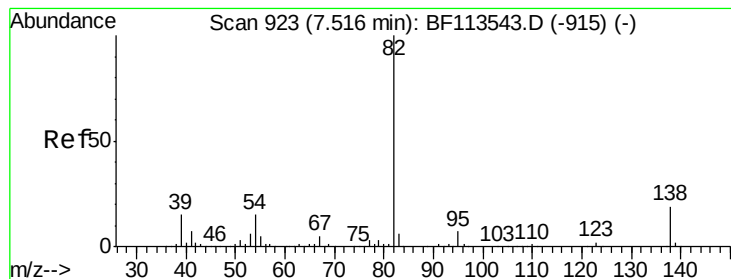


#24
 Nitrobenzene
 Concen: 40.282 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	77	Resp	478363
Ion Ratio	100	Lower	Upper
77	100		
123	49.8	40.8	61.2
65	13.5	10.6	16.0

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.338 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

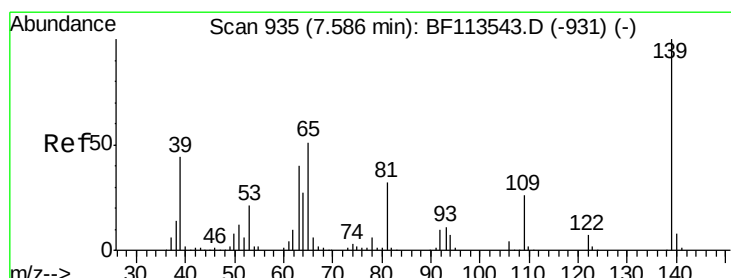
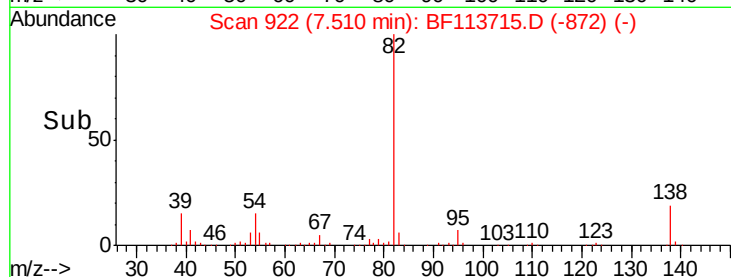
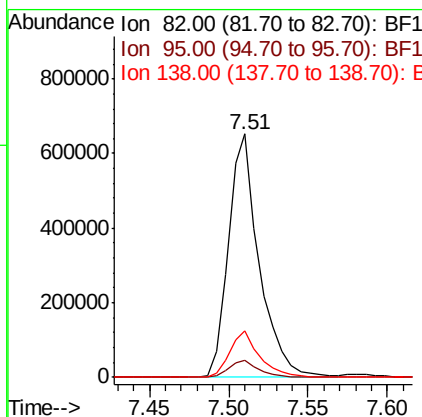
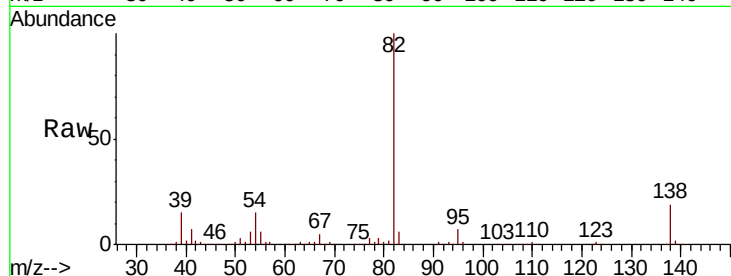
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	873841
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.5	8.3
138	19.0	15.2	22.8

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#26

2-Nitrophenol

Concen: 41.186 ng

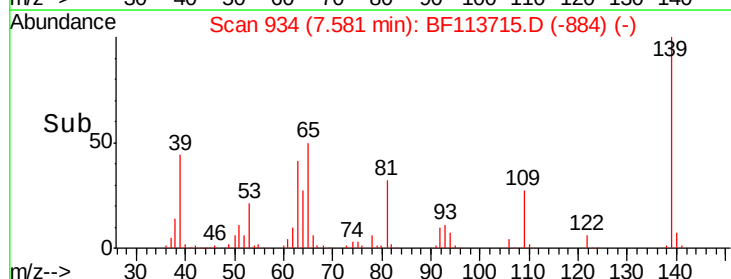
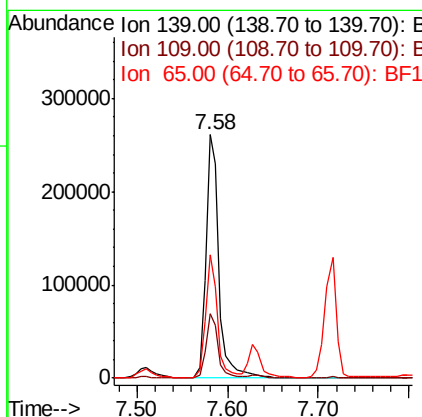
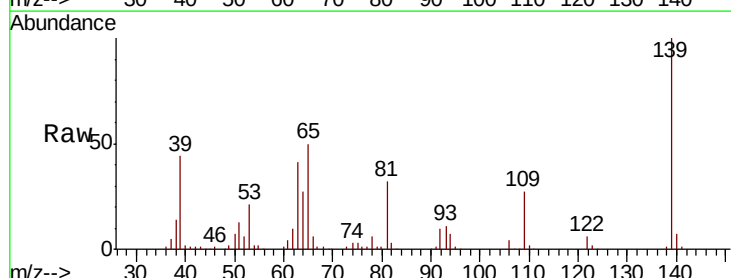
RT: 7.58 min Scan# 934

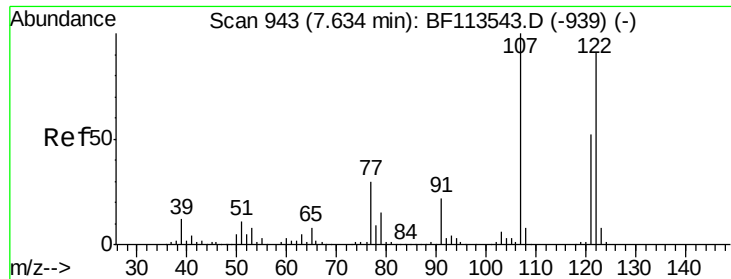
Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Tgt Ion:	139	Resp:	263234
Ion Ratio		Lower	Upper
139	100		
109	26.7	21.7	32.5
65	50.4	41.6	62.4





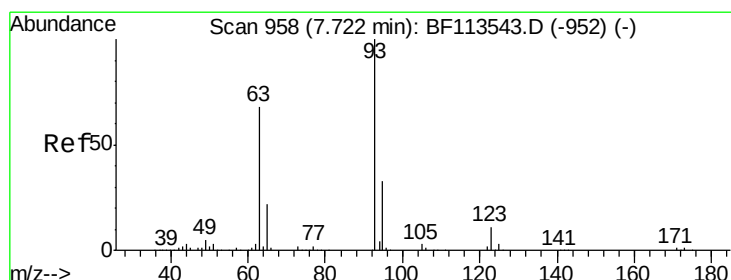
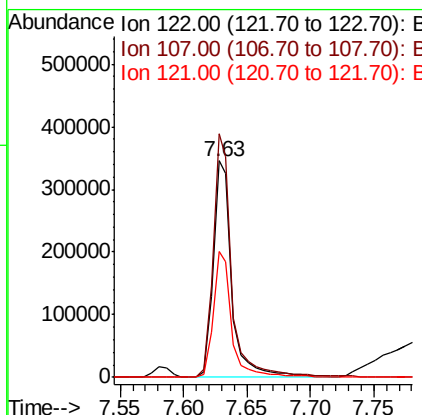
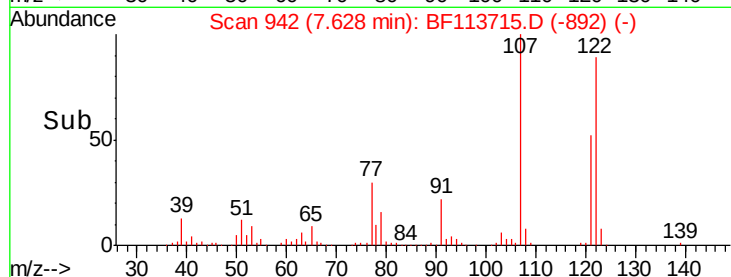
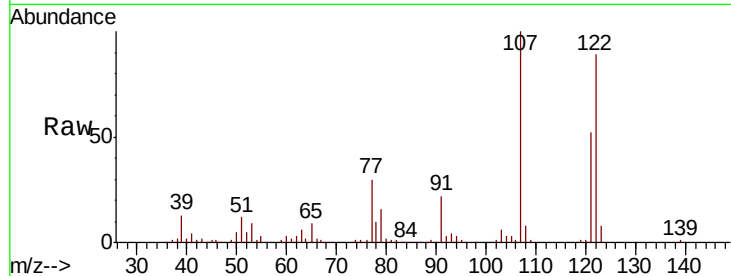
#27
2,4-Dimethylphenol
Concen: 39.277 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	358877		
107	112.5	88.8	133.2	
121	58.1	45.5	68.3	

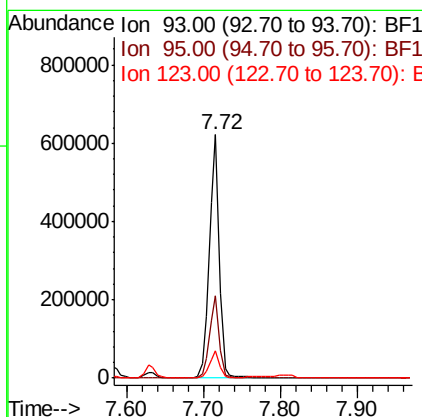
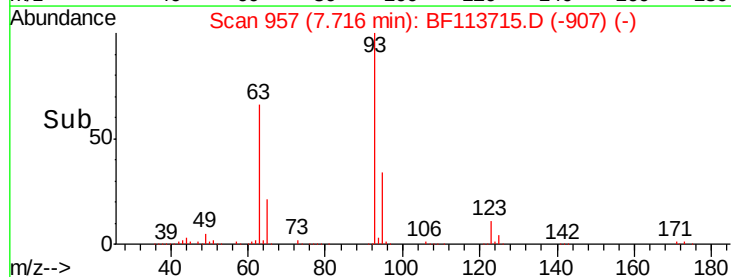
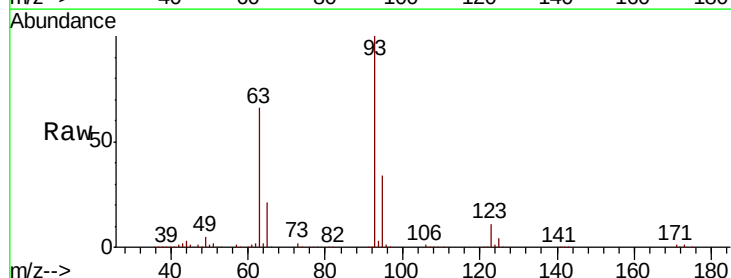
Manual Integrations
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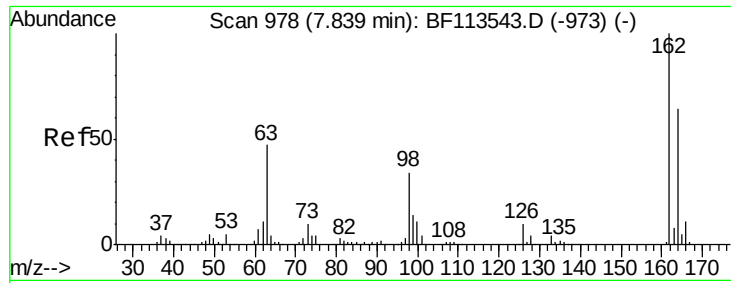
Sohil
4/12/2019 2:29:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.049 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	548397		
95	33.6	26.0	39.0	
123	11.4	9.1	13.7	





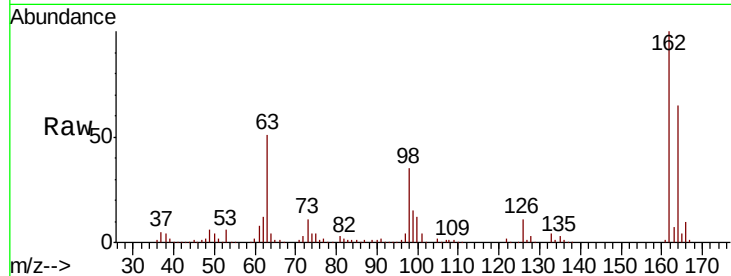
#29
 2,4-Dichlorophenol
 Concen: 41.524 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

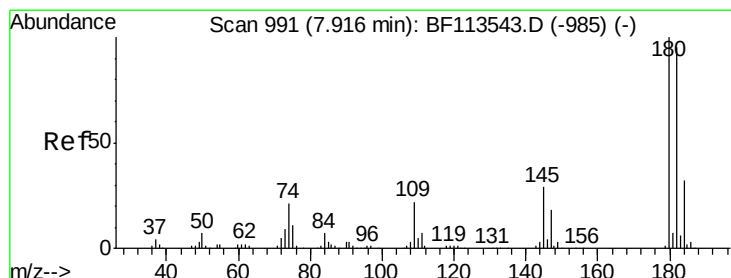
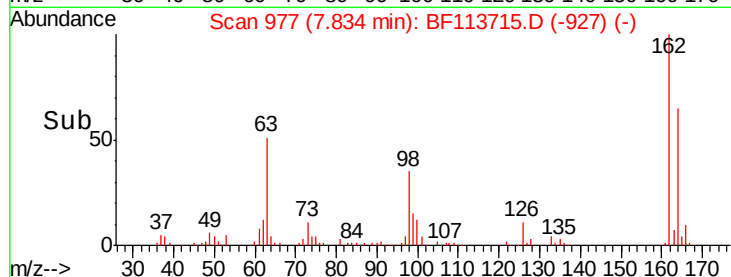
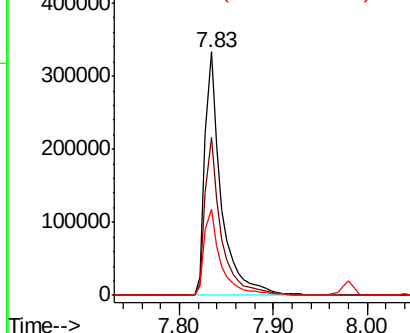
Tot Ion:	162	Resp:	405948
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.6	84.6
98	35.4	15.6	55.6

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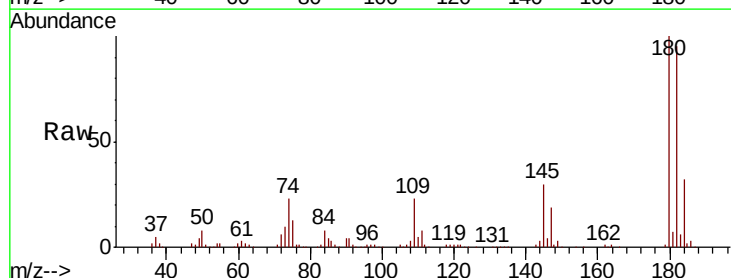


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

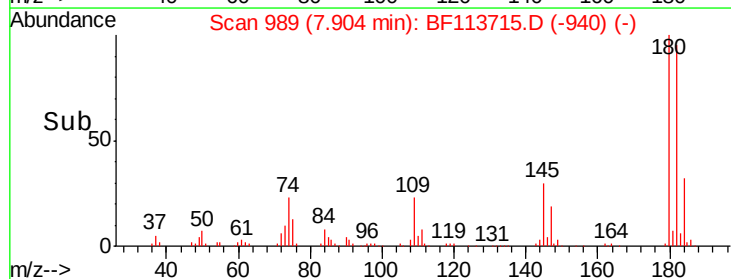
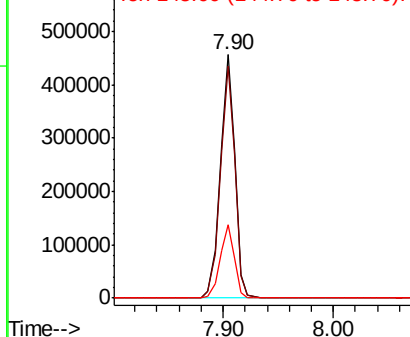


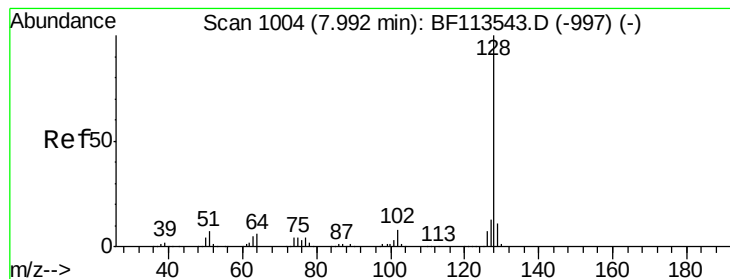
#30
 1,2,4-Trichlorobenzene
 Concen: 39.537 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion:	180	Resp:	419743
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.6	111.8
145	30.0	23.4	35.0



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: 39.716 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1299778

Ion Ratio Lower Upper

128 100

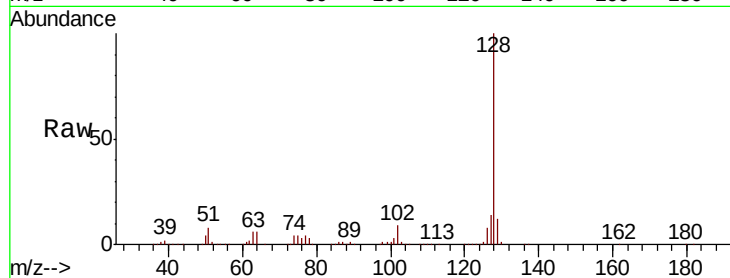
129 11.6 9.3 13.9

127 13.5 10.9 16.3

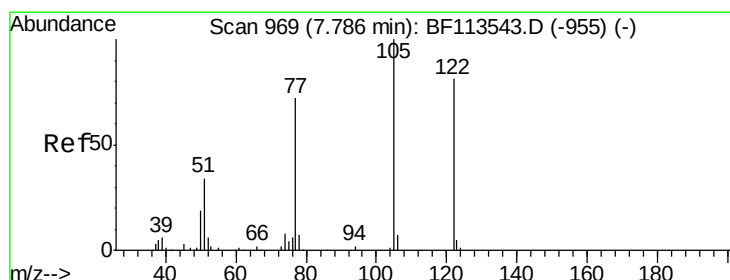
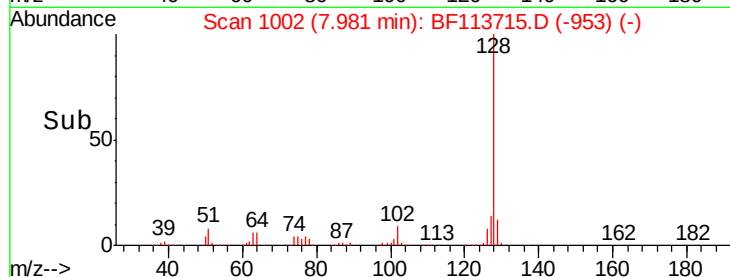
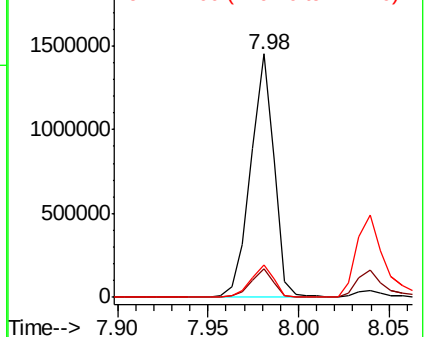
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.806 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.03 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

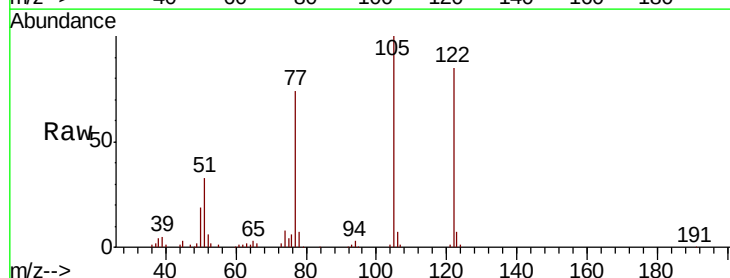
Tgt Ion:122 Resp: 288719

Ion Ratio Lower Upper

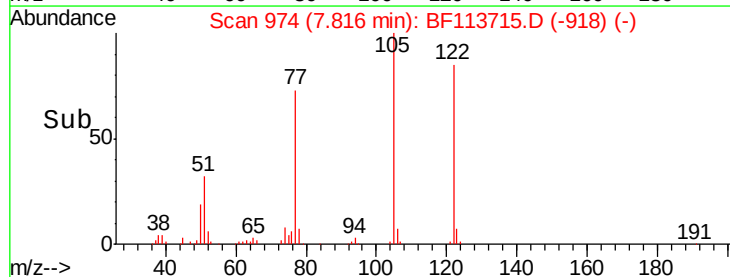
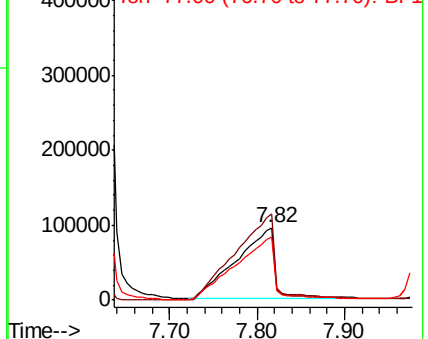
122 100

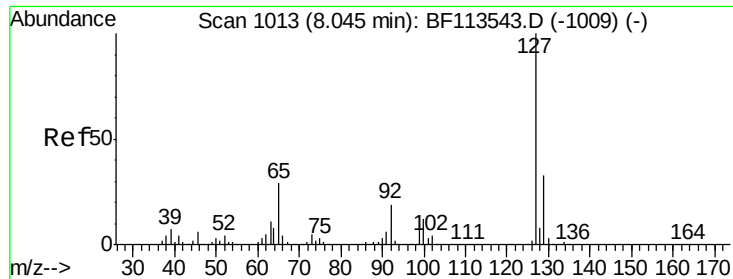
105 118.2 100.4 140.4

77 86.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
400000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





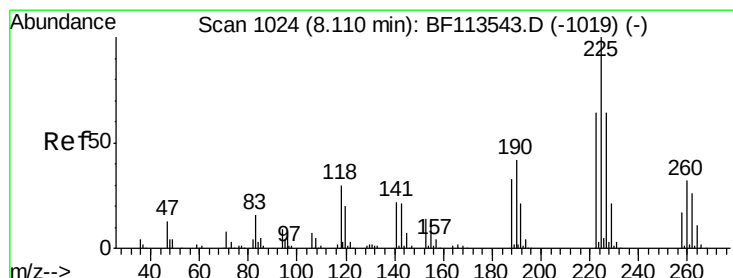
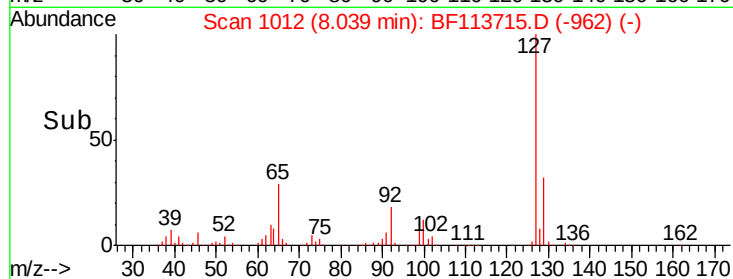
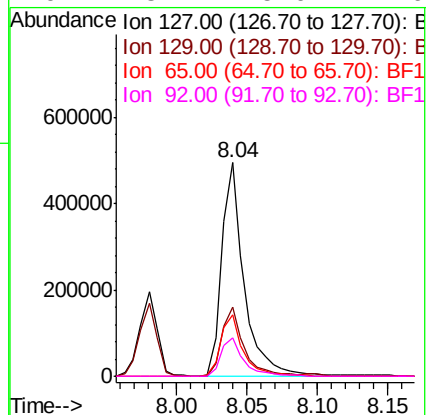
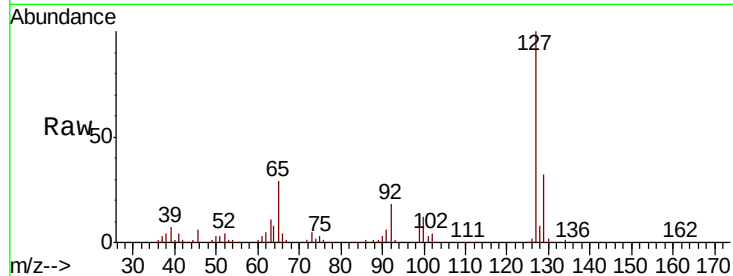
#33
4-Chloroaniline
Concen: 41.764 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	29.1	24.2	36.4		
92	18.2	15.0	22.6		

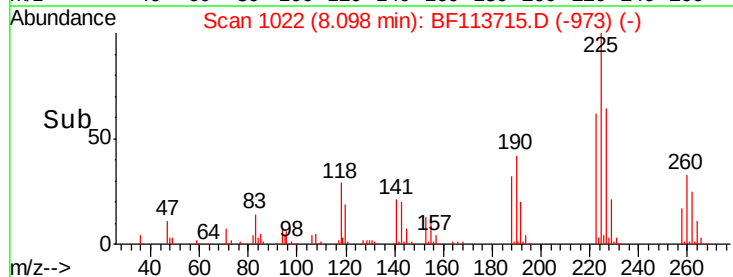
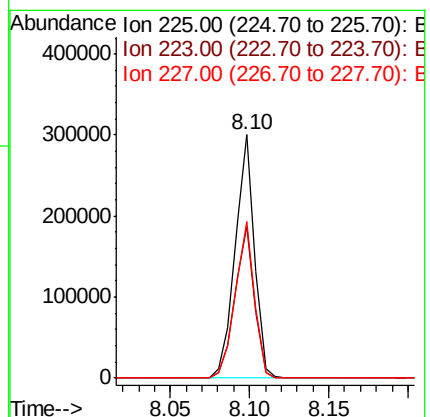
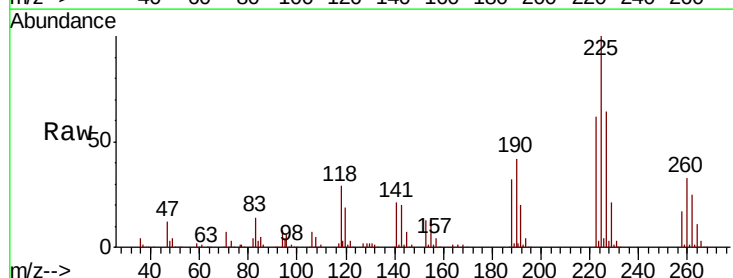
Manual Integrations
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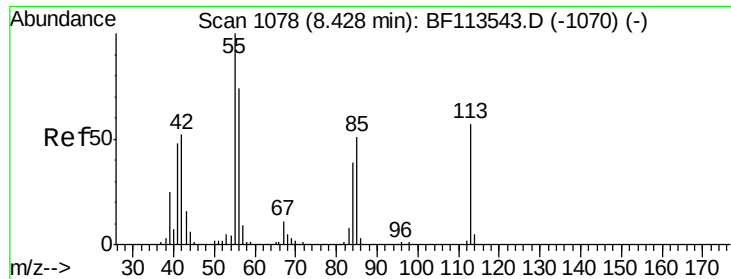
Sohil
4/12/2019 2:29:00 PM



#34
Hexachlorobutadiene
Concen: 39.189 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	51.4	77.2		
227	64.4	51.1	76.7		





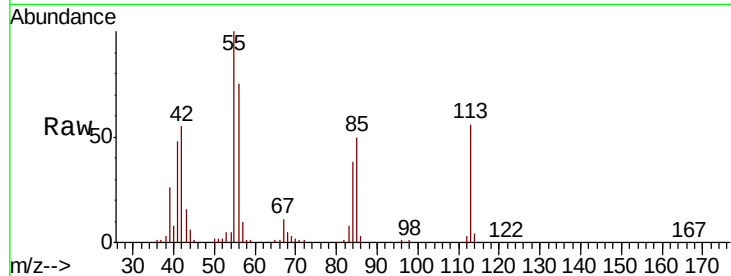
#35
 Caprolactam
 Concen: 41.126 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.3	152.7	192.7
56	134.3	108.3	148.3

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 4/12/2019 2:29:00 PM

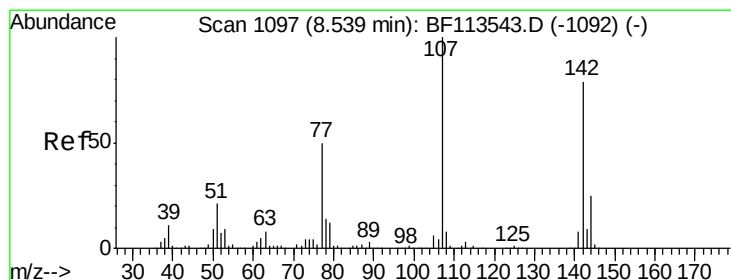
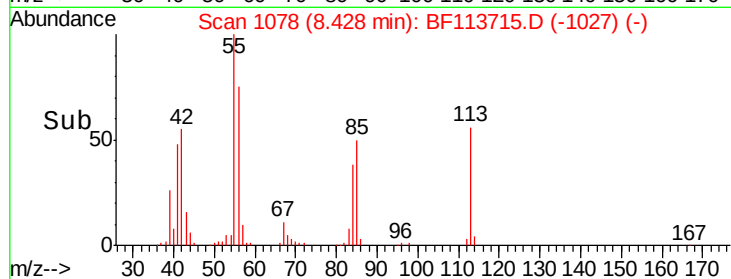
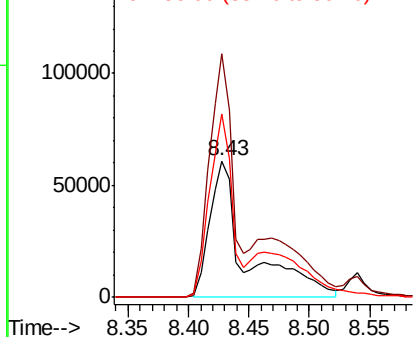


Abundance

Ion 113.00 (112.70 to 113.70): E

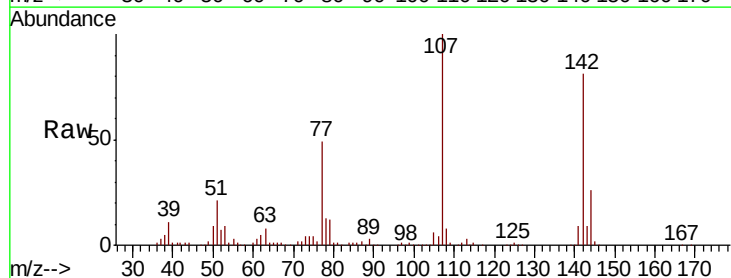
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.799 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.4	32.0
142	80.5	65.6	98.4

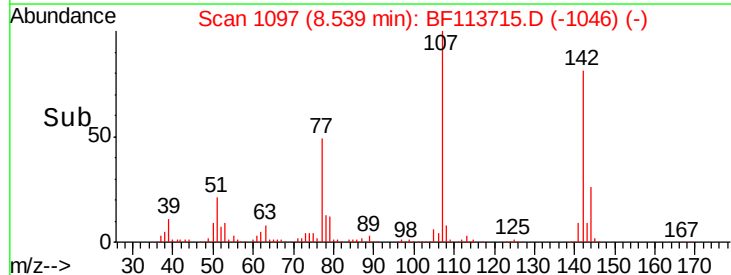
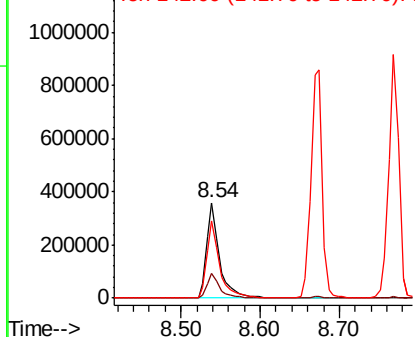


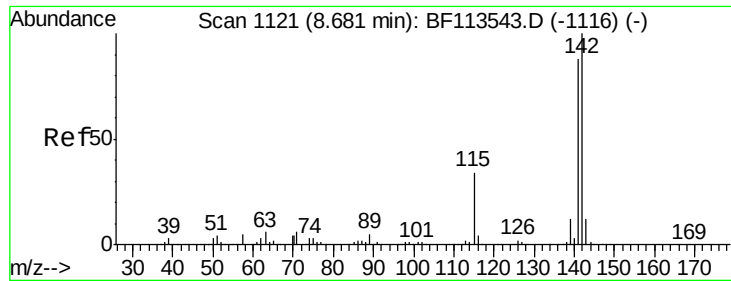
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





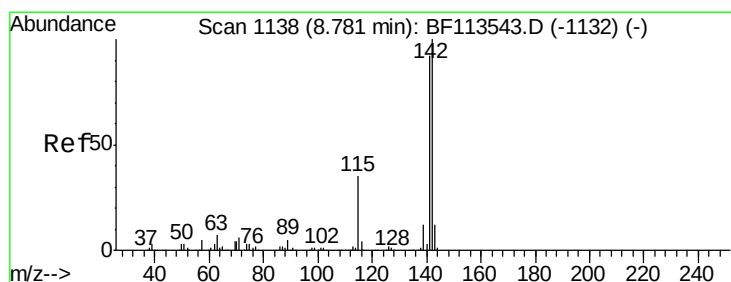
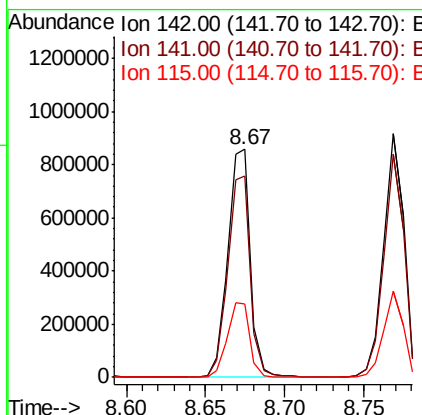
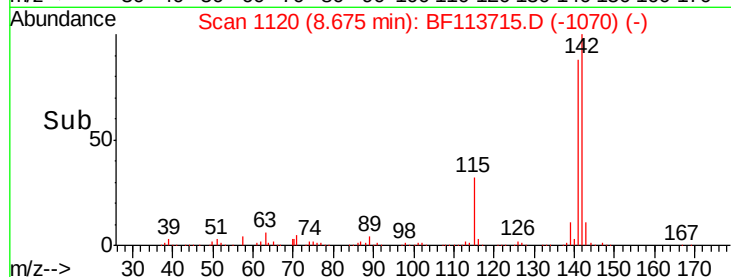
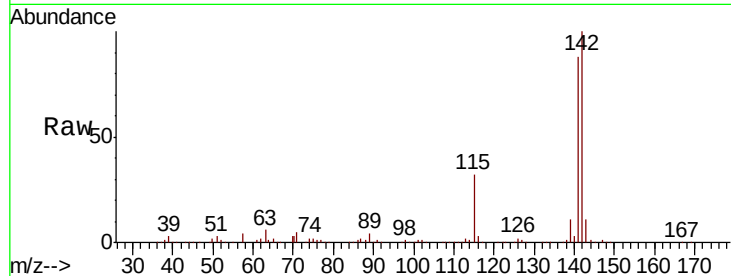
#37
2-Methylnaphthalene
Concen: 39.037 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	32.4	26.6	39.8

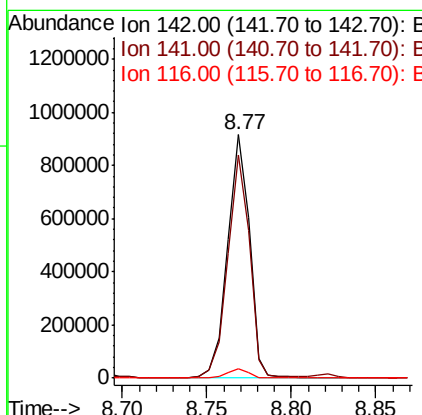
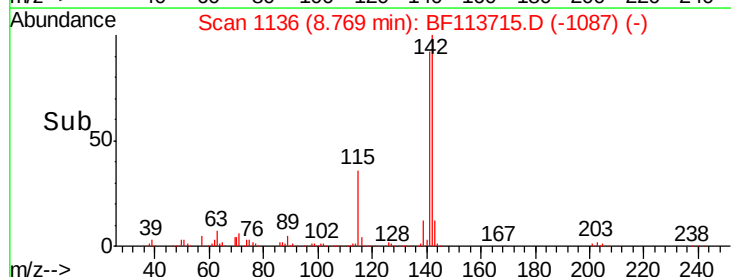
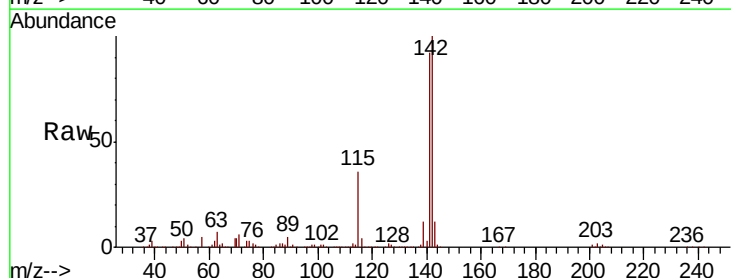
Manual Integrations
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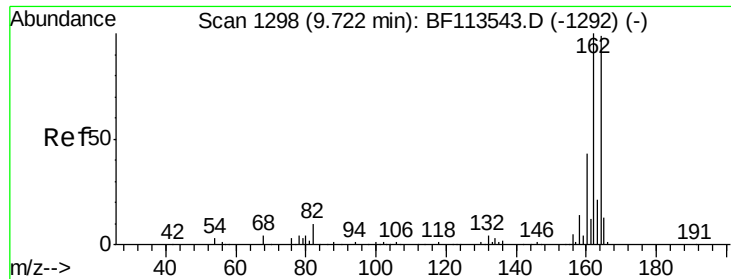
Sohil
4/12/2019 2:29:00 PM



#38
1-Methylnaphthalene
Concen: 39.501 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
116	3.7	3.0	4.4





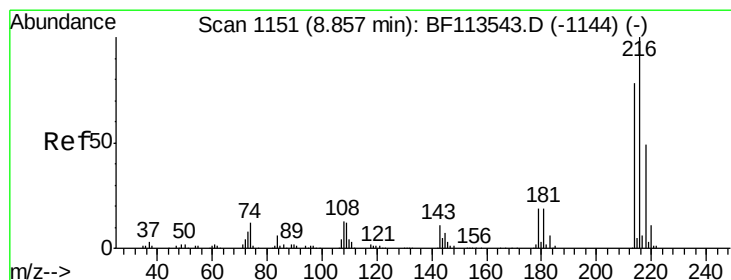
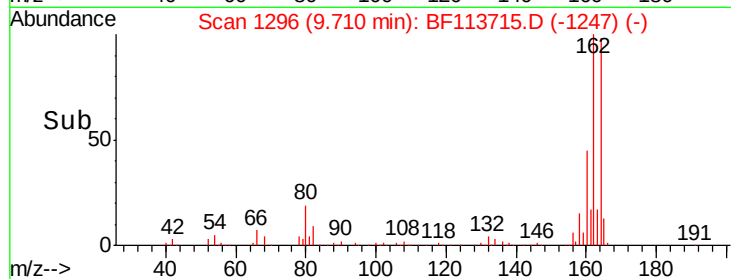
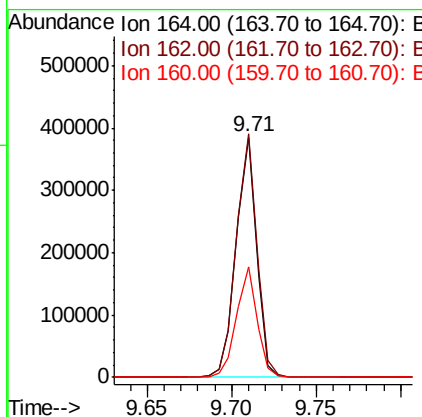
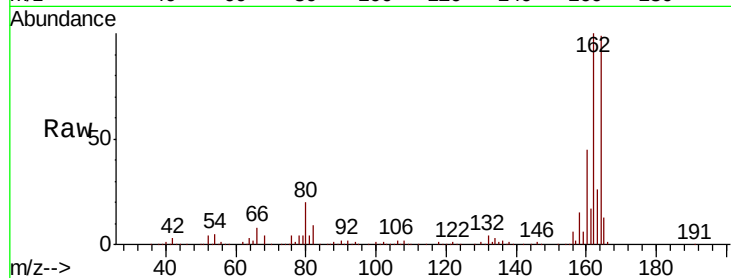
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:	164	Resp:	324069
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.8	122.6
160	46.0	36.4	54.6

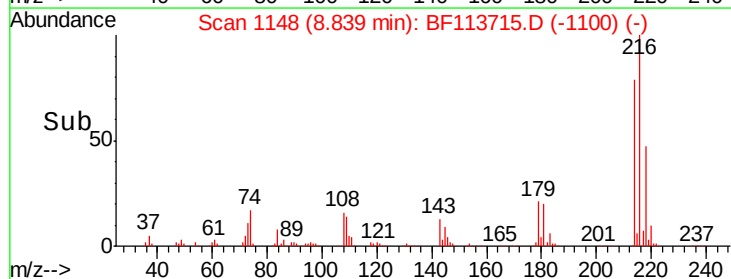
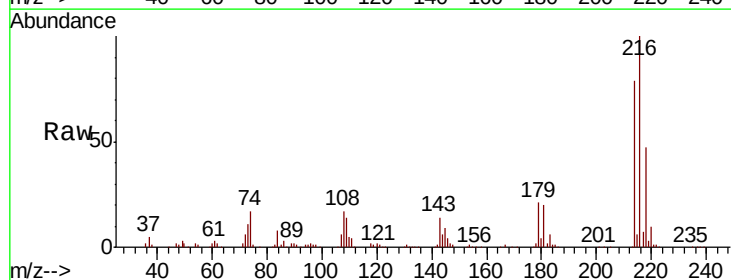
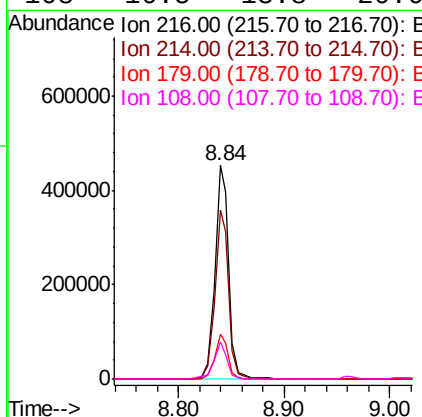
Manual Integrations
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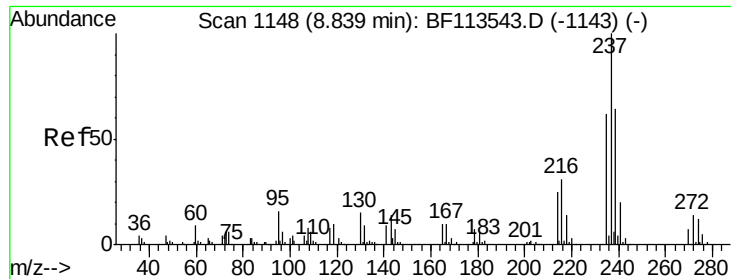
Sohil
4/12/2019 2:29:00 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.942 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion:	216	Resp:	418621
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	20.2	16.8	25.2
108	16.5	13.8	20.6





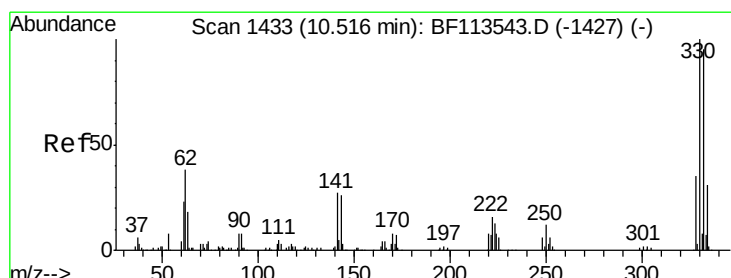
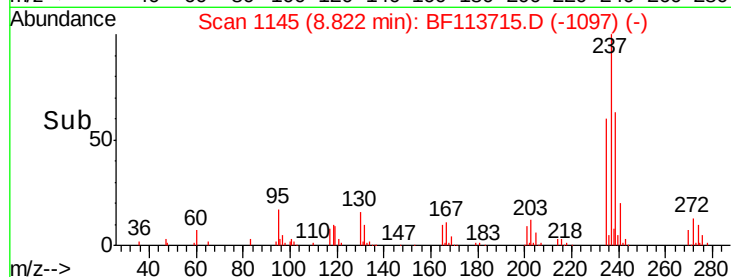
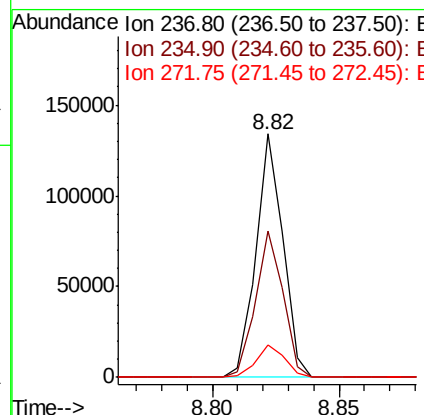
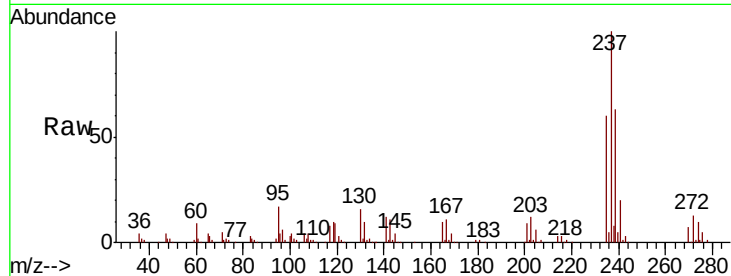
#41
Hexachlorocyclopentadiene
Concen: 36.036 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	237	Resp:	99807
Ion Ratio	Lower	Upper	
237	100		
235	60.3	43.4	83.4
272	13.3	0.0	33.7

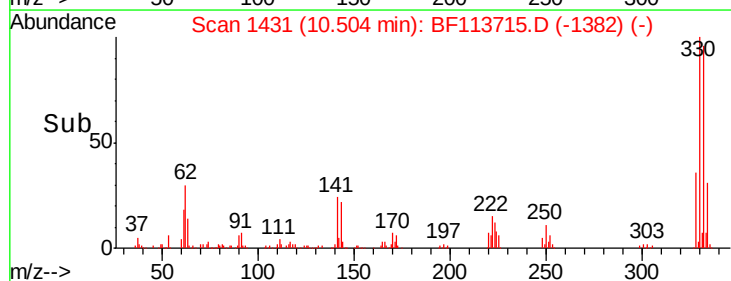
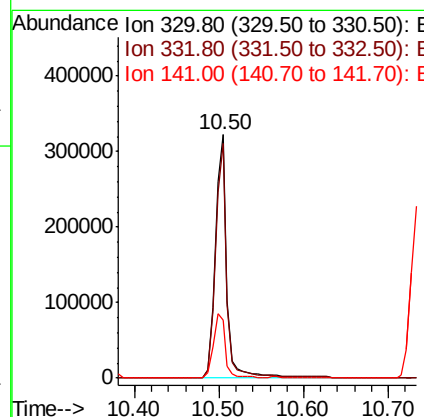
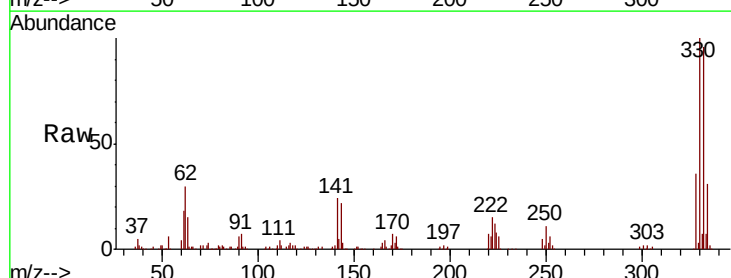
Manual Integrations
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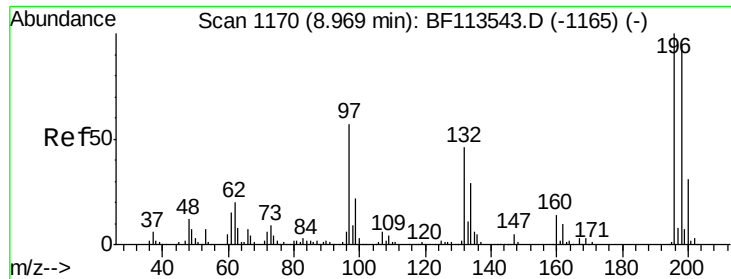
Sohil
4/12/2019 2:29:00 PM



#42
2,4,6-Tribromophenol
Concen: 80.536 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion:	330	Resp:	313517
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.8	116.6
141	27.4	22.7	34.1





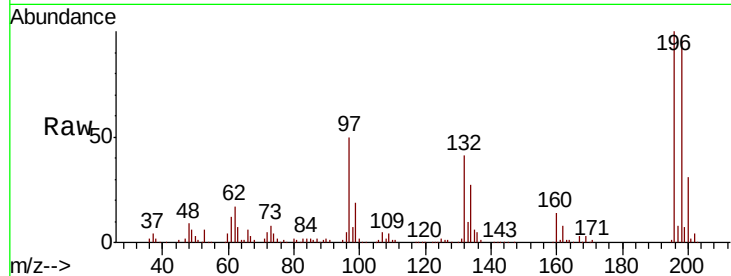
#43
 2,4,6-Trichlorophenol
 Concen: 39.728 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262826		
198	95.9	77.7	116.5	
200	30.6	24.9	37.3	

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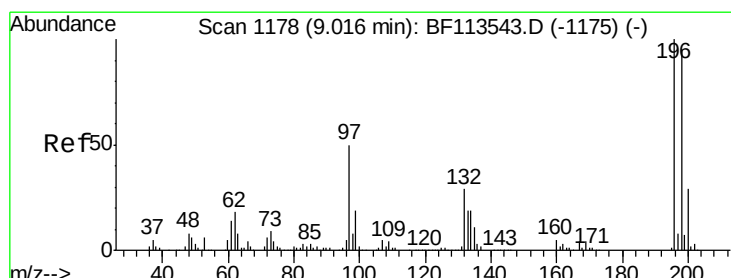
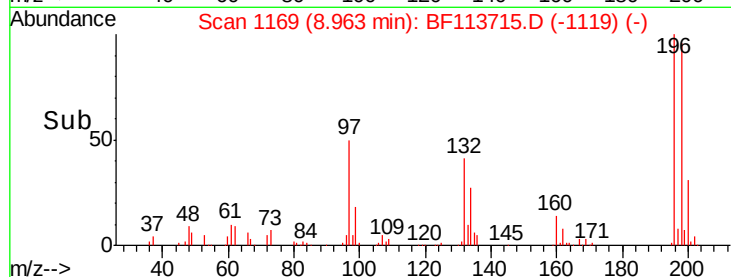
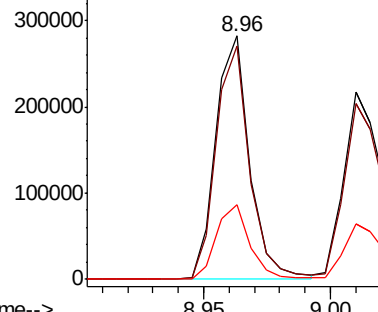


Abundance

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: 39.504 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280578		
198	93.7	75.4	113.2	
97	48.0	38.6	58.0	
132	27.9	22.9	34.3	

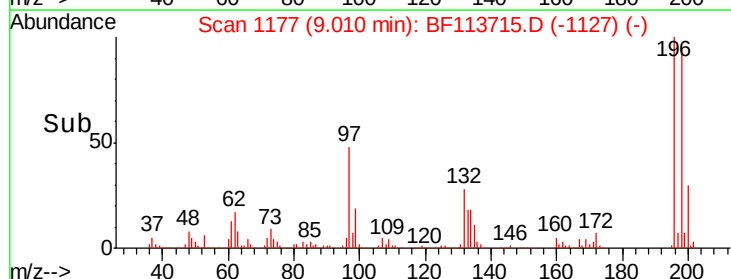
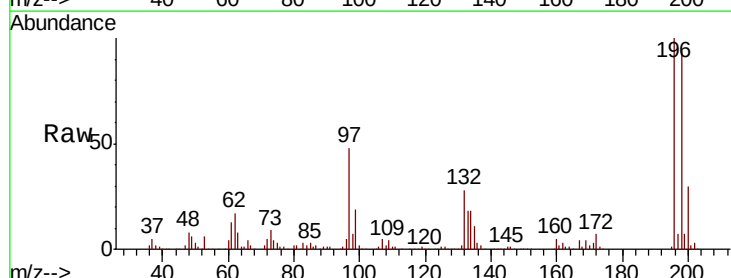
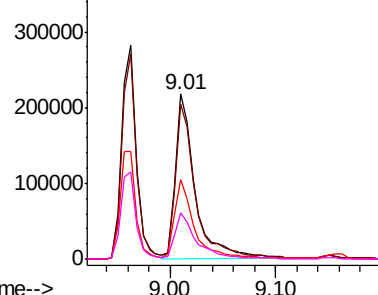
Abundance

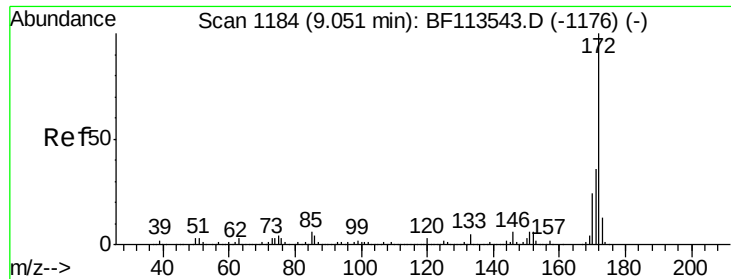
Ion 196.00 (195.70 to 196.70): E

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





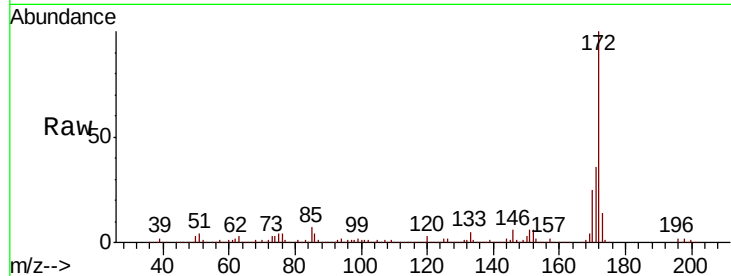
#45
2-Fluorobiphenyl
Concen: 79.749 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.5	29.3

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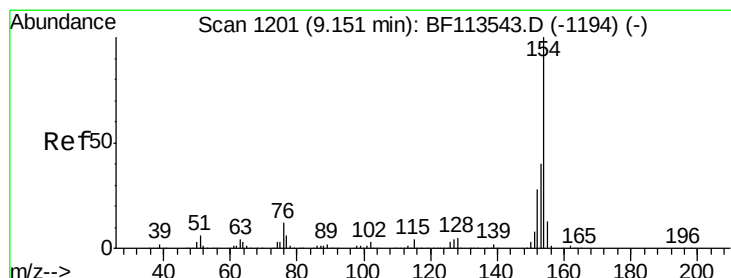
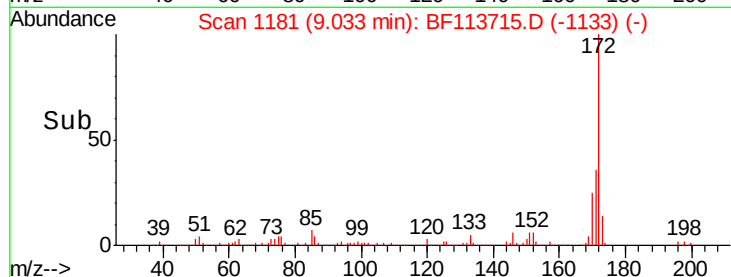
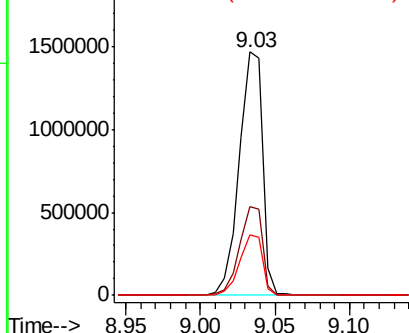


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.660 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

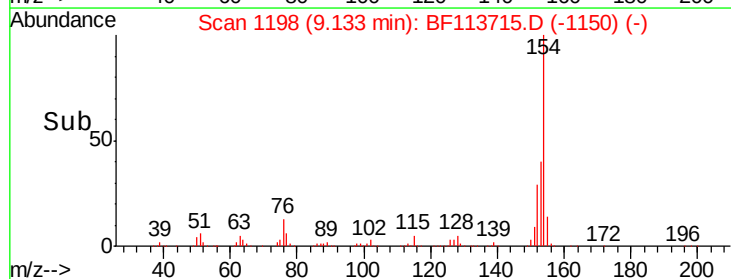
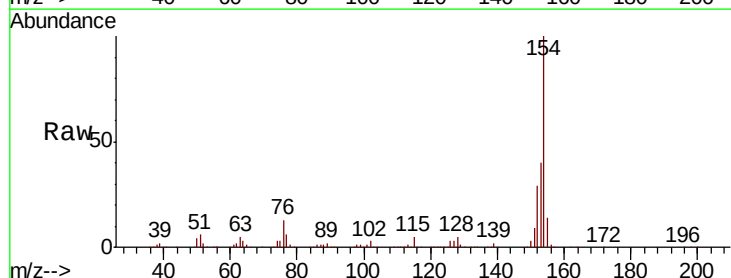
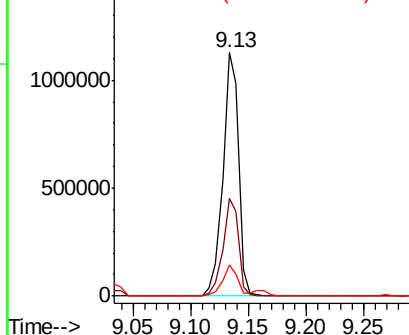
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	12.9	0.0	31.9

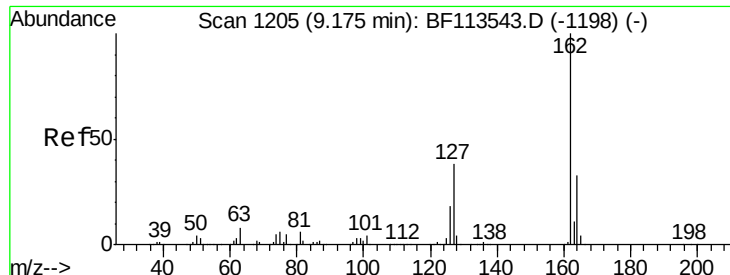
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





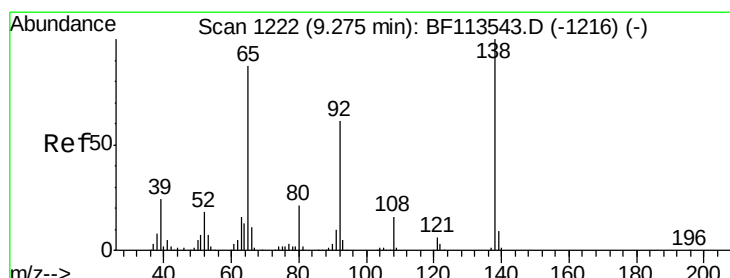
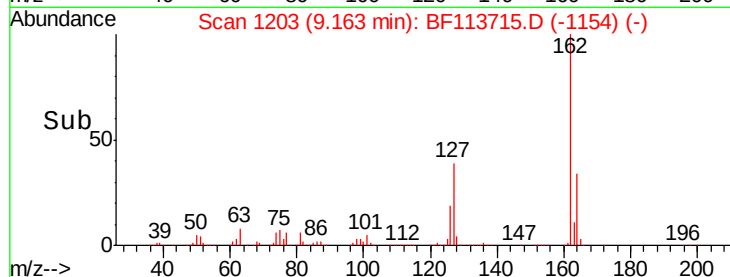
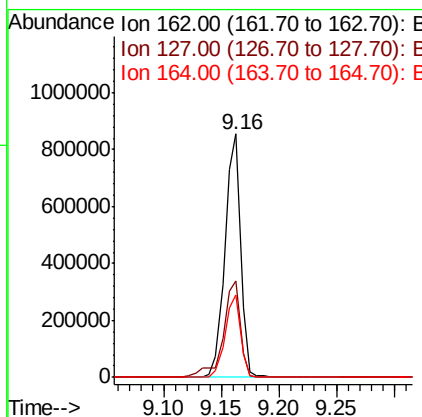
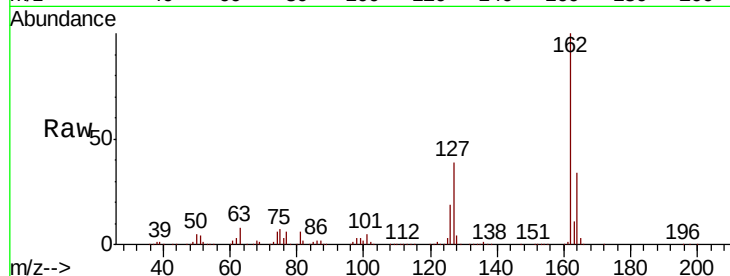
#47
2-Chloronaphthalene
Concen: 39.745 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	804730		
127	39.4		32.6	49.0
164	33.8		26.6	39.8

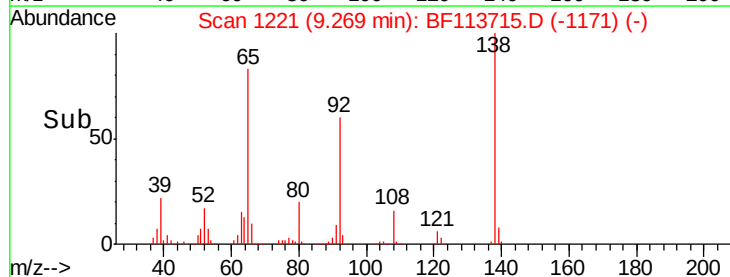
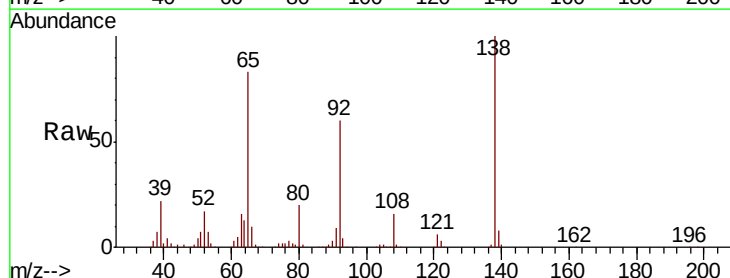
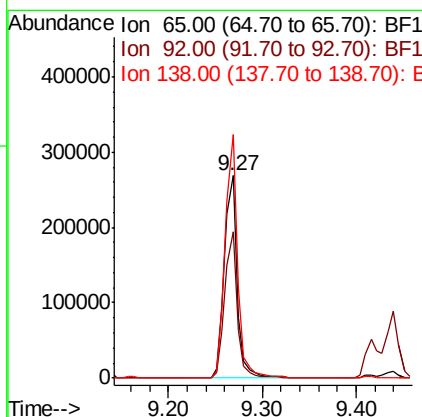
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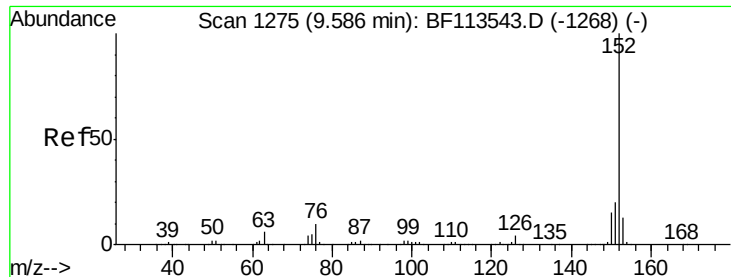
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#48
2-Nitroaniline
Concen: 41.754 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	258683		
92	72.1		56.8	85.2
138	120.3		92.3	138.5





#49

Acenaphthylene

Concen: 38.787 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1277040

Ion Ratio Lower Upper

152 100

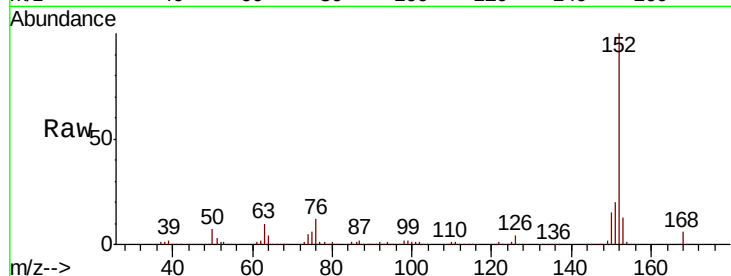
151 20.5 16.2 24.4

153 13.3 11.0 16.6

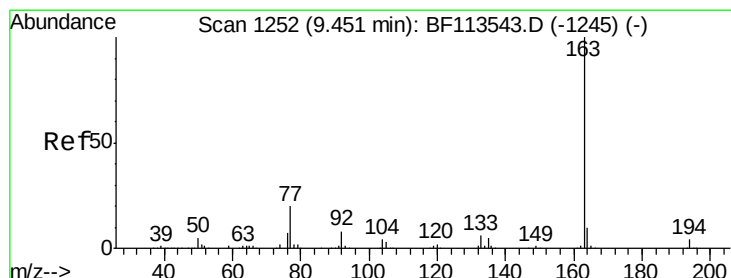
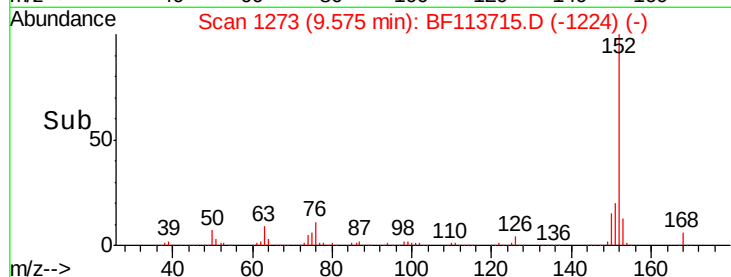
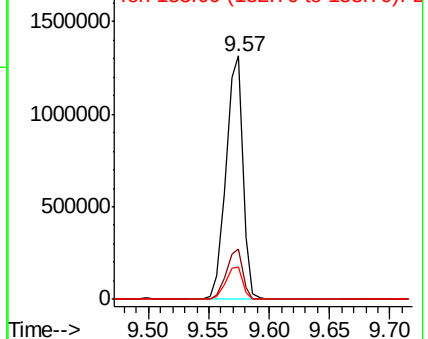
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.846 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

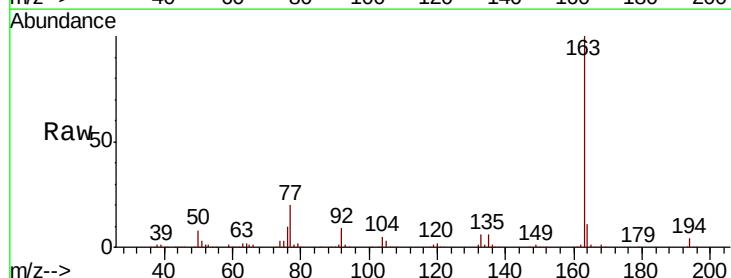
Tgt Ion:163 Resp: 927954

Ion Ratio Lower Upper

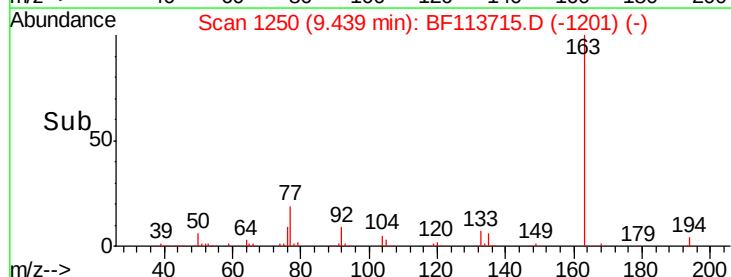
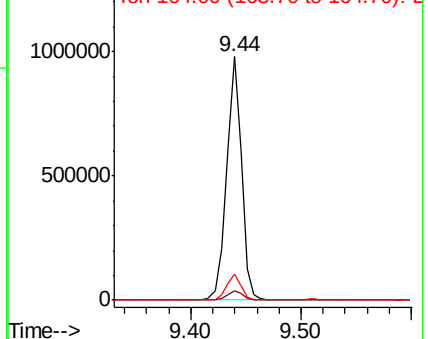
163 100

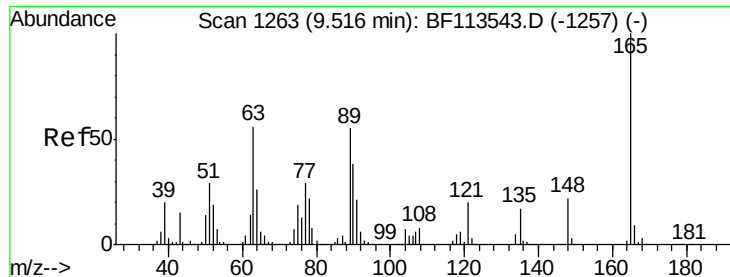
194 4.0 3.0 4.6

164 10.5 8.1 12.1



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





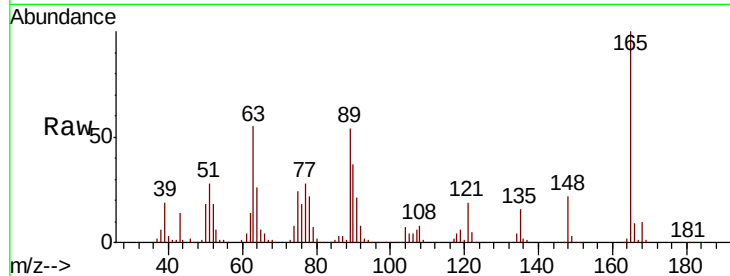
#51
 2,6-Dinitrotoluene
 Concen: 39.883 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

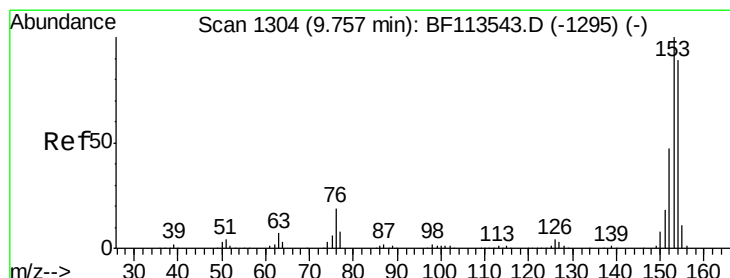
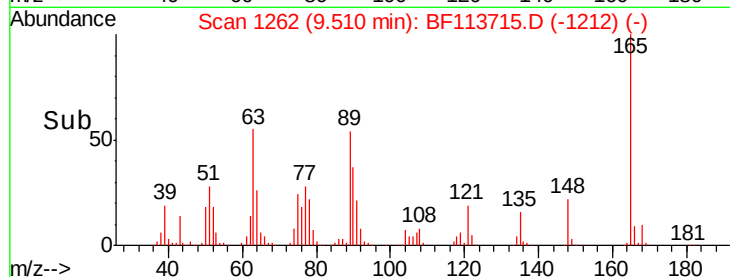
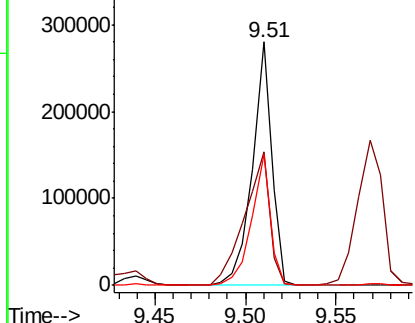
Tot Ion:	165	Resp:	210009
Ion Ratio	Lower	Upper	
165	100		
63	54.7	43.4	65.0
89	53.5	43.1	64.7

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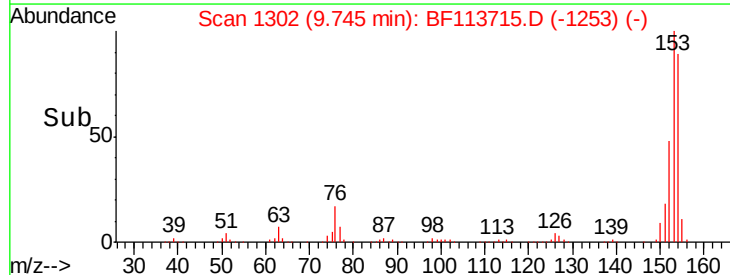
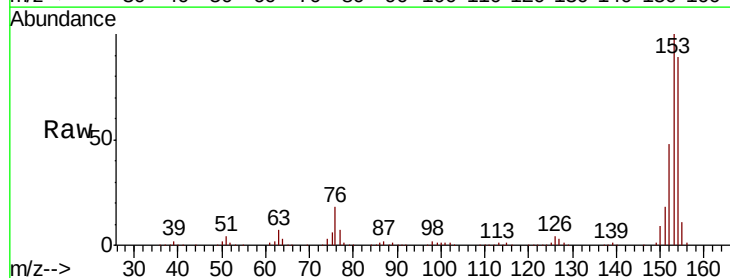
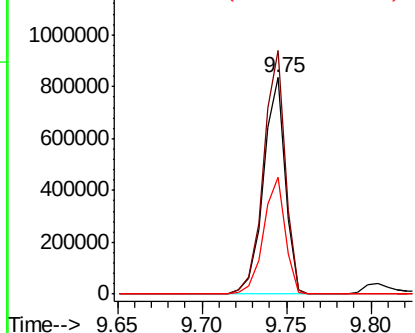
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

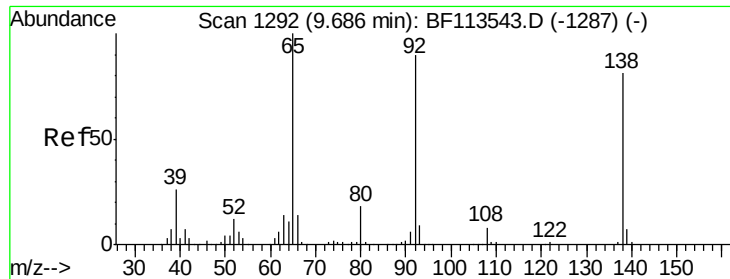


#52
 Acenaphthene
 Concen: 39.594 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion:	154	Resp:	746220
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.5	134.3
152	54.1	43.3	64.9

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





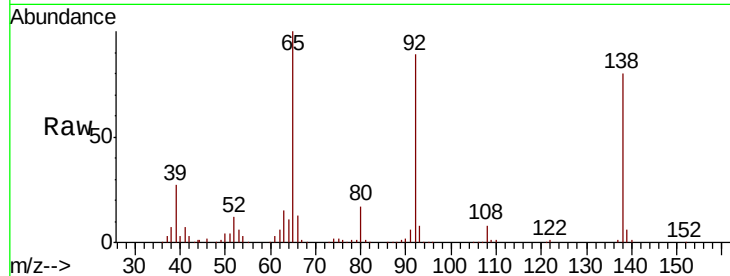
#53
3-Nitroaniline
Concen: 41.984 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

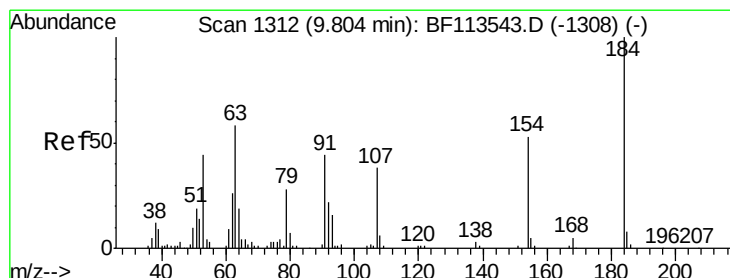
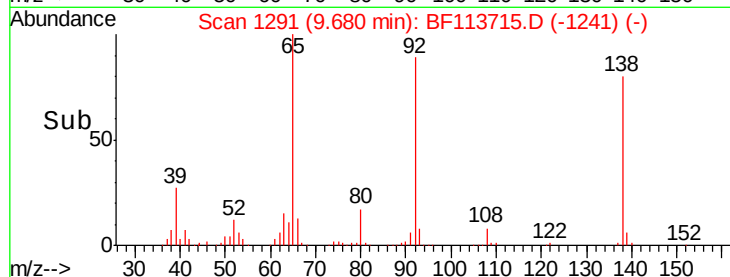
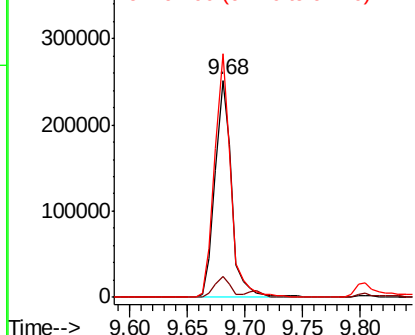
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	112.1	82.6	124.0

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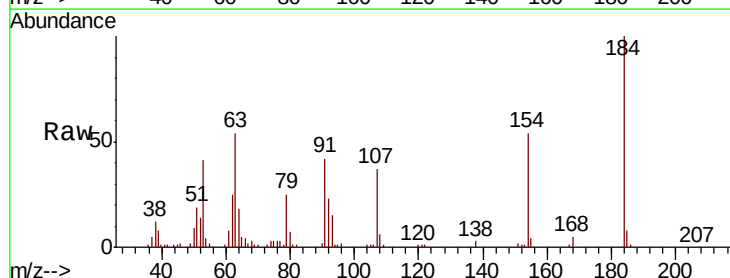


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

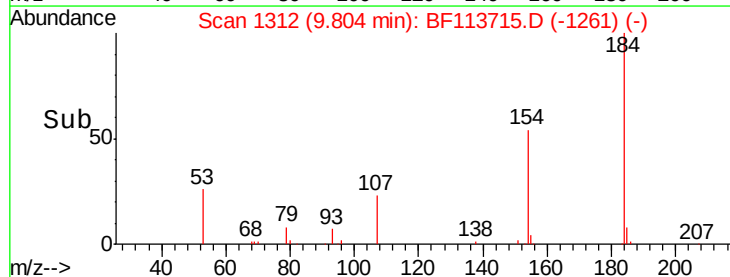
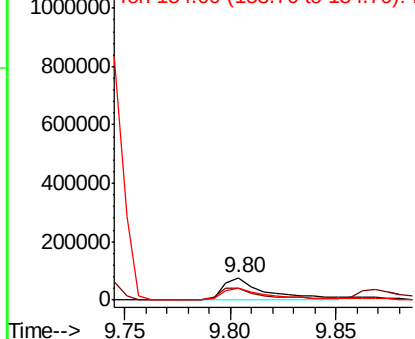


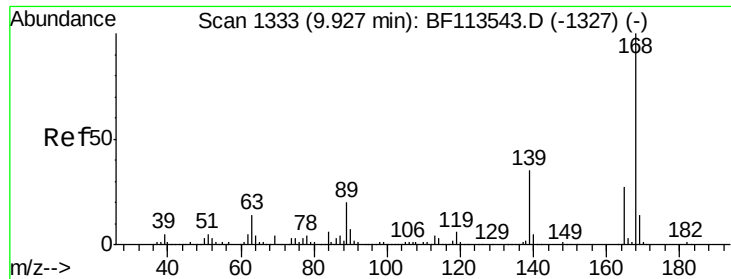
#54
2,4-Dinitrophenol
Concen: 43.873 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	54.3	81.5
154	53.8	48.4	72.6



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





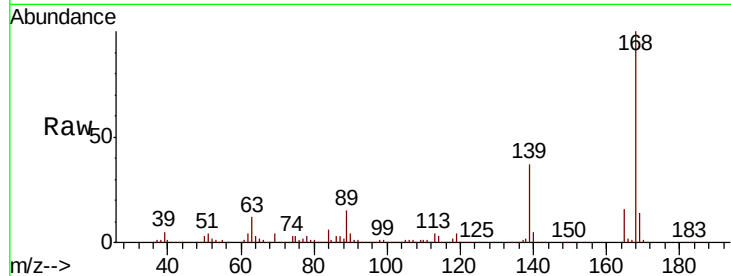
#55
Dibenzenofuran
Concen: 39.583 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.7	44.5
169	13.7	10.7	16.1

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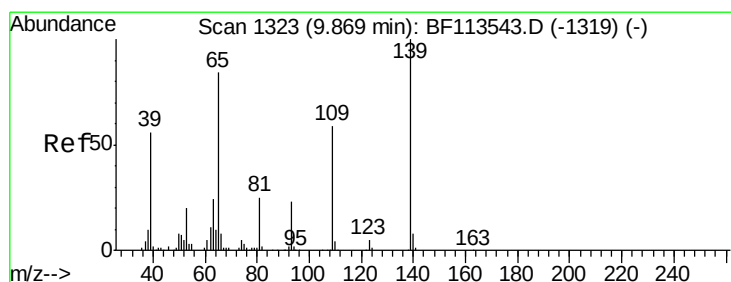
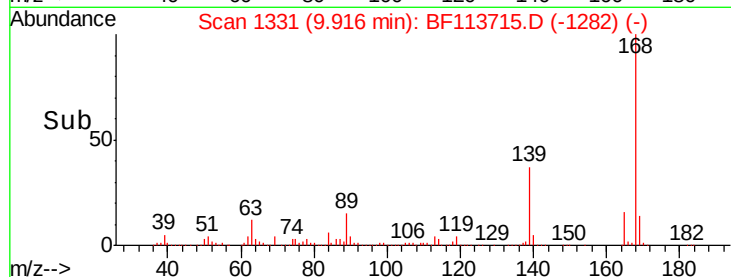
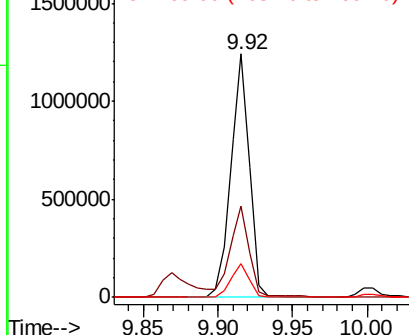


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 44.687 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

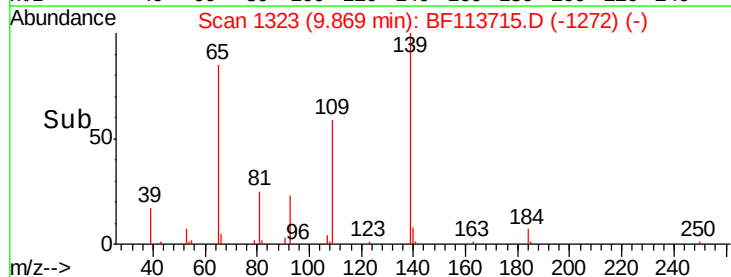
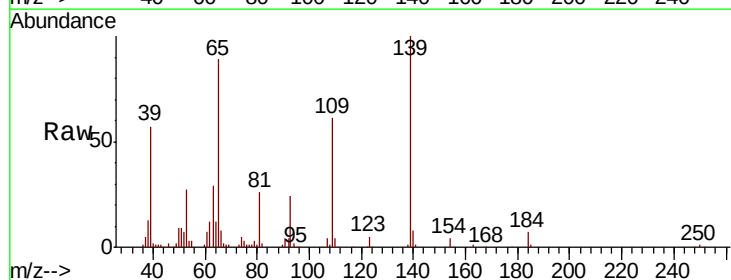
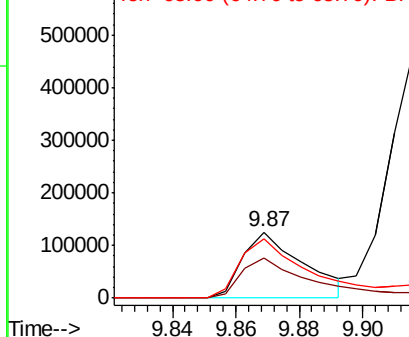
Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.1	46.9	86.9
65	89.1	77.2	117.2

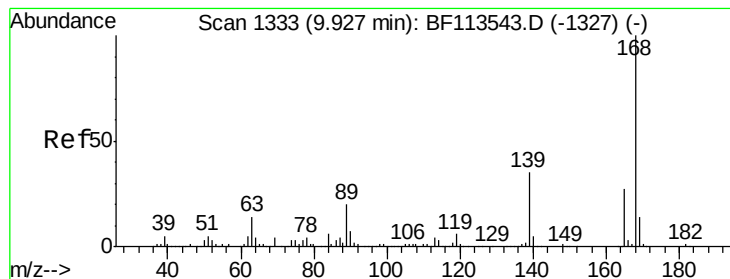
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





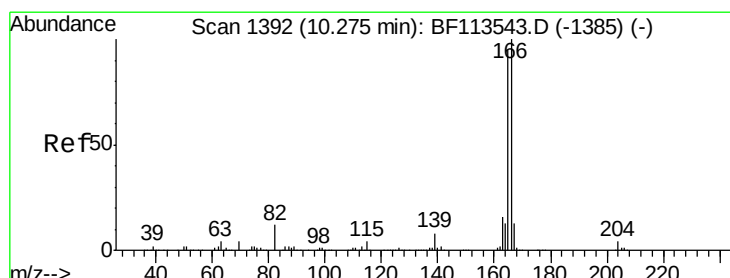
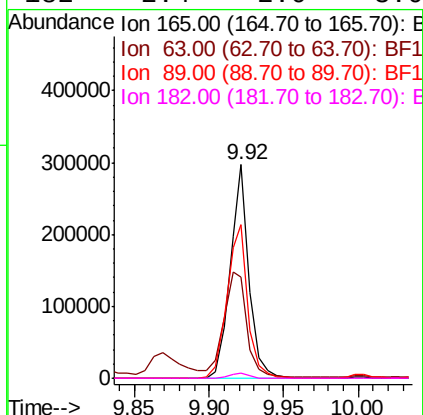
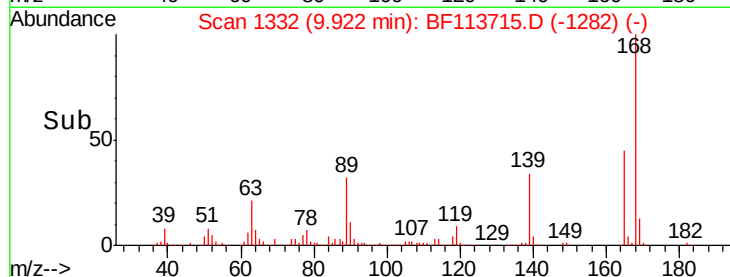
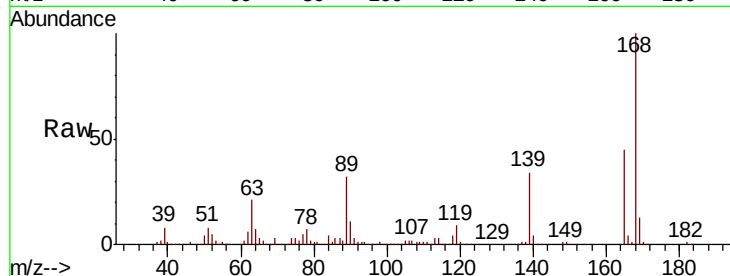
#57
 2,4-Dinitrotoluene
 Concen: 41.233 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	262585		
63	47.1		37.5	56.3
89	71.7		57.4	86.2
182	2.4		2.0	3.0

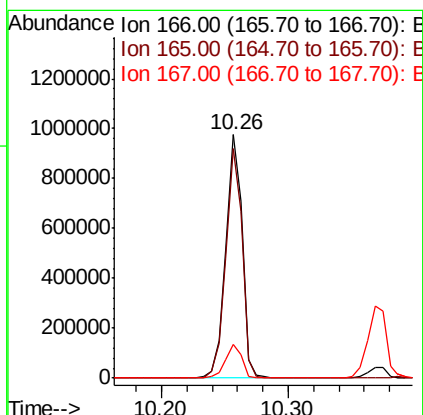
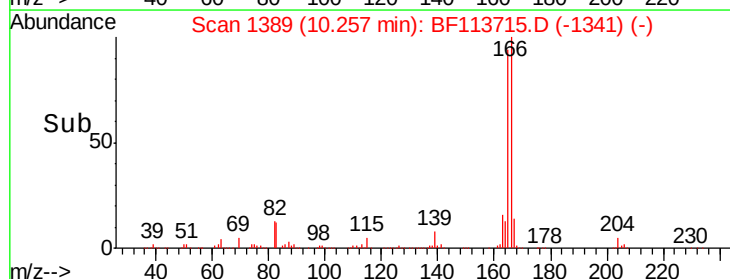
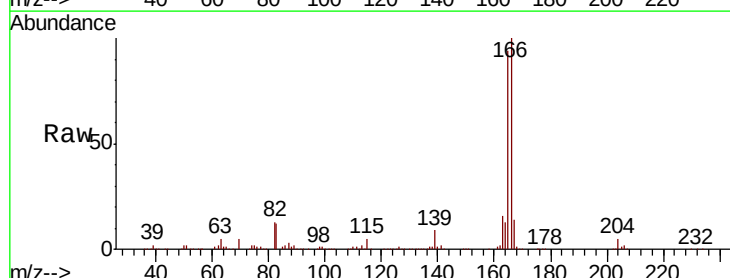
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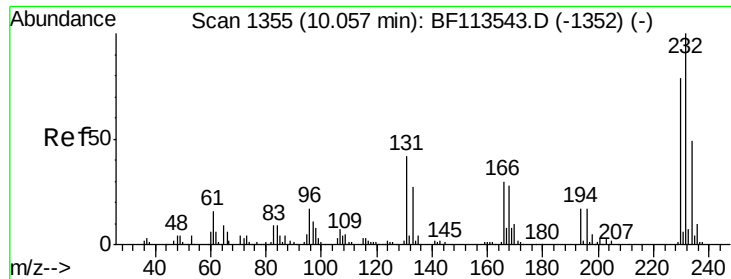
Sohil
 4/12/2019 2:29:00 PM



#58
 Fluorene
 Concen: 40.119 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	877247		
165	94.1		76.2	114.2
167	13.7		10.7	16.1





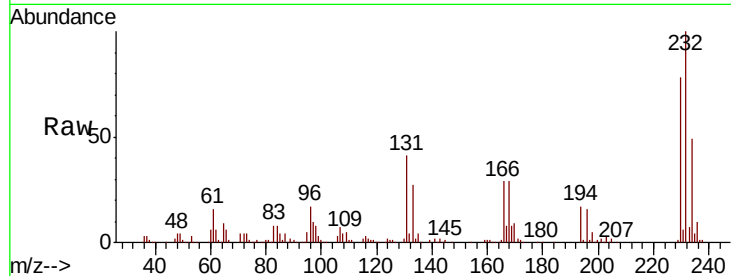
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.619 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

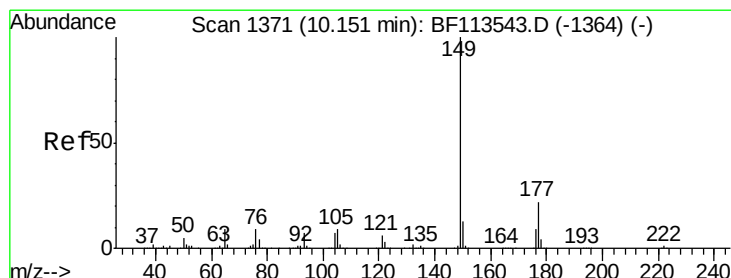
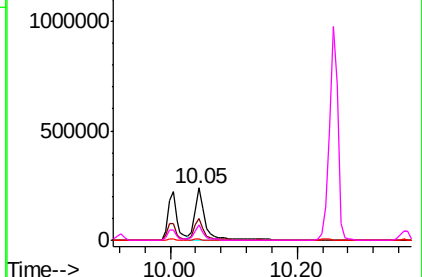
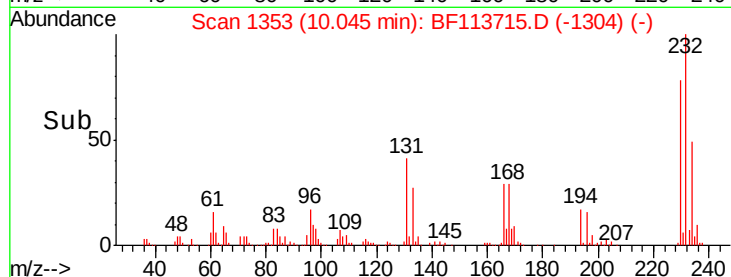
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		268162		
131	39.4	33.2	49.8		
130	1.8	1.6	2.4		
166	25.0	21.0	31.6		

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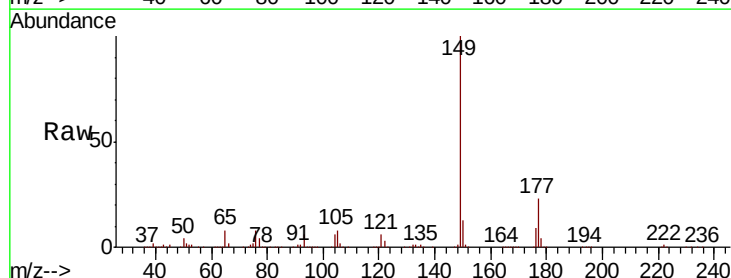


Abundance Ion 232.00 (231.70 to 232.70): E
1500000 Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

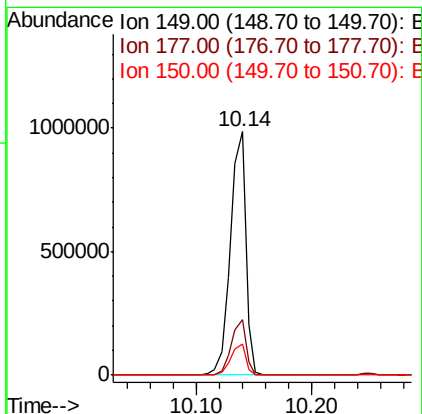
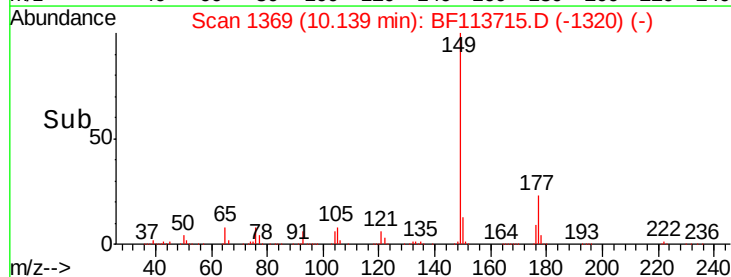


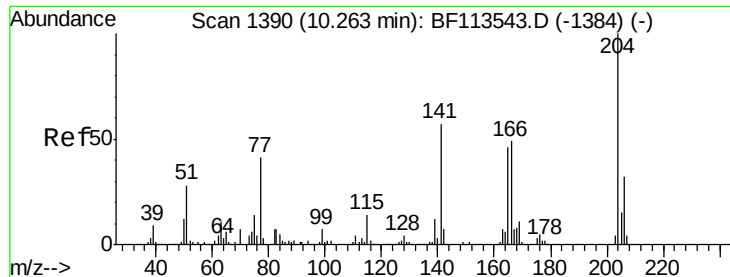
#60
Diethylphthalate
Concen: 39.653 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		913279		
177	22.9	17.4	26.0		
150	12.8	10.0	15.0		



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





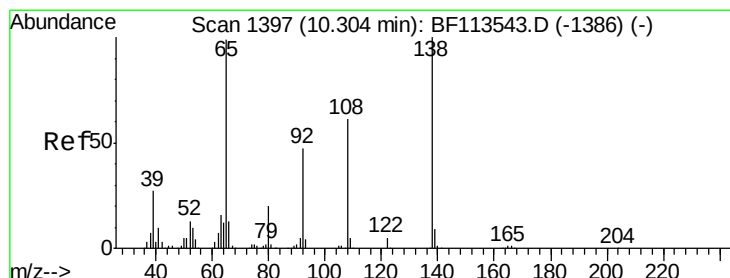
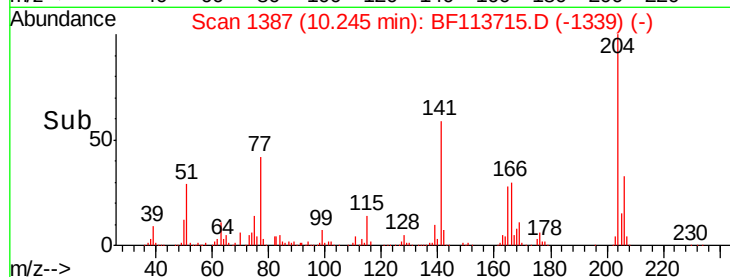
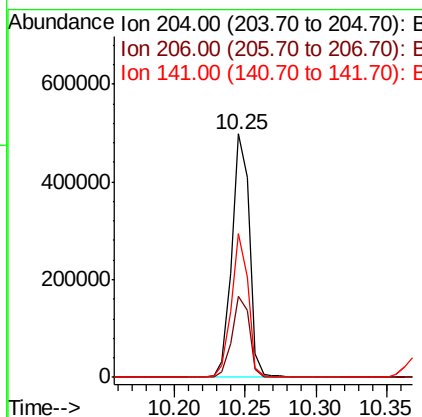
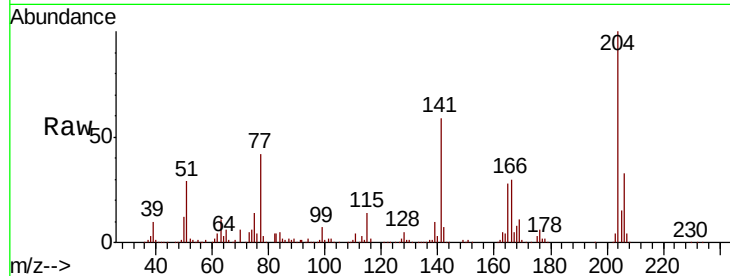
#61
4-Chlorophenyl-phenylether
Concen: 40.008 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.9	40.3
141	58.8	48.8	73.2

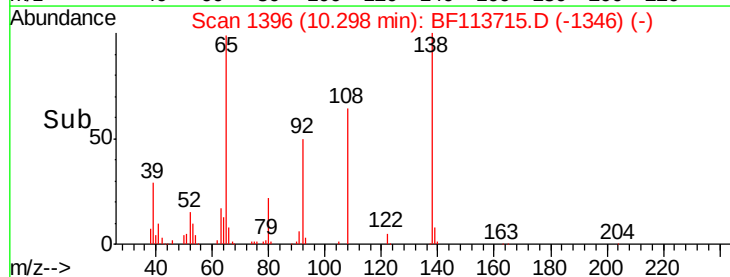
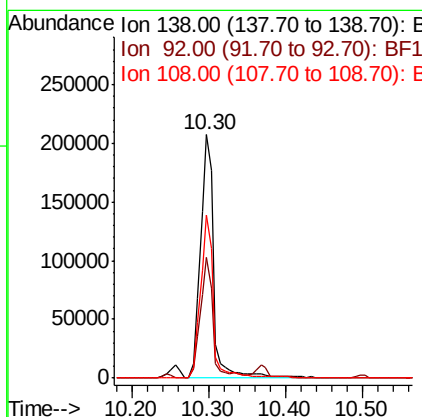
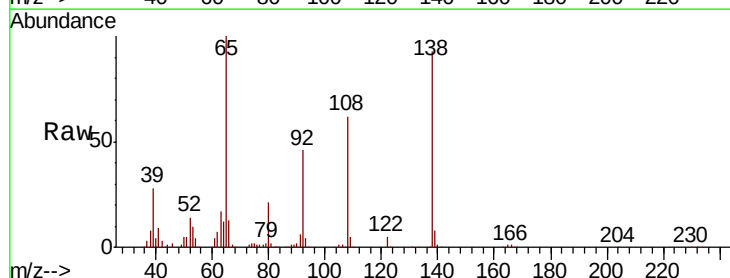
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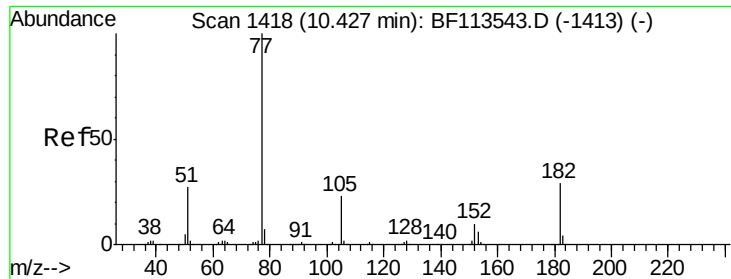
Sohil
4/12/2019 2:29:00 PM



#62
4-Nitroaniline
Concen: 40.689 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	25.8	65.8
108	67.1	44.0	84.0





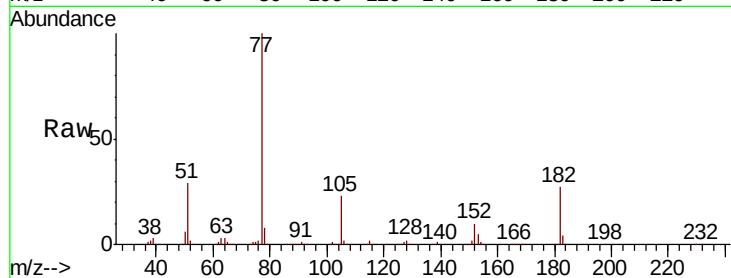
#63
Azobenzene
Concen: 39.215 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

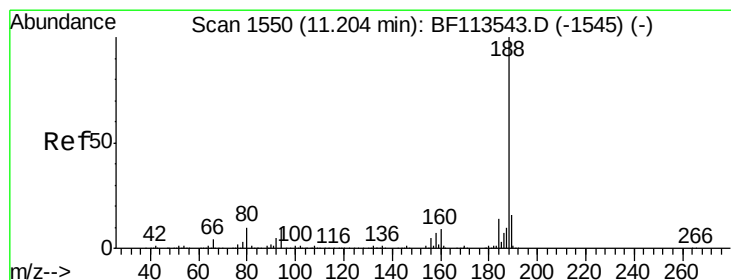
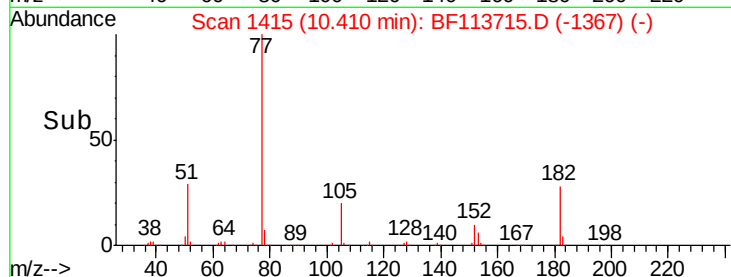
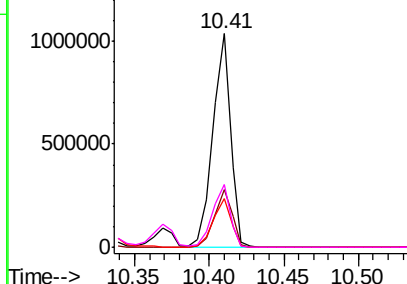
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		855186		
182	27.0	8.7	48.7		
105	23.0	2.9	42.9		
51	29.1	8.8	48.8		

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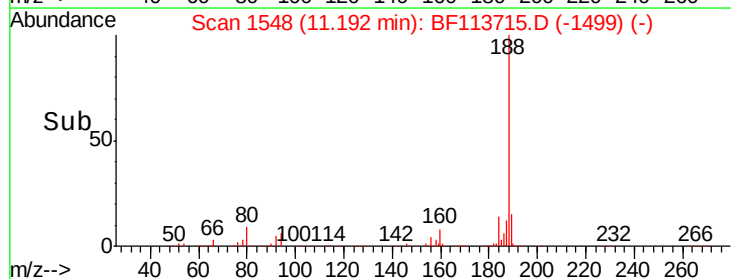
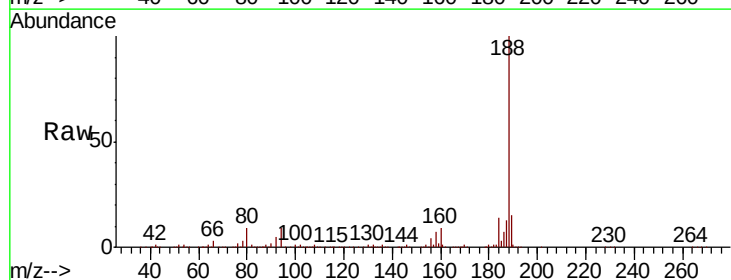
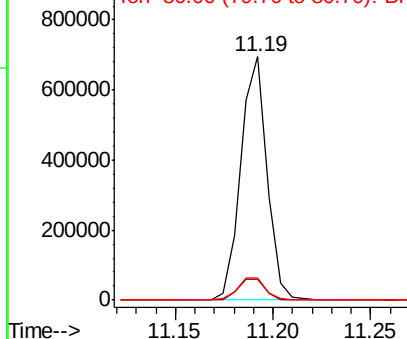
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

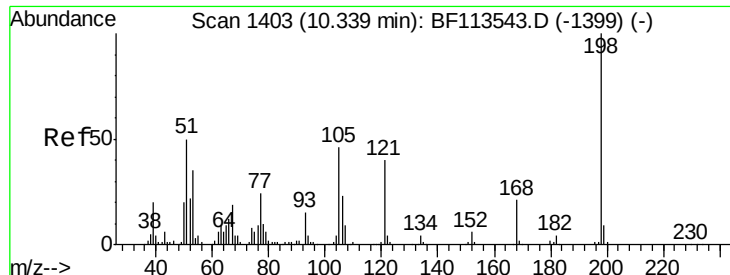


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		646021		
94	8.7	7.0	10.6		
80	9.2	7.7	11.5		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





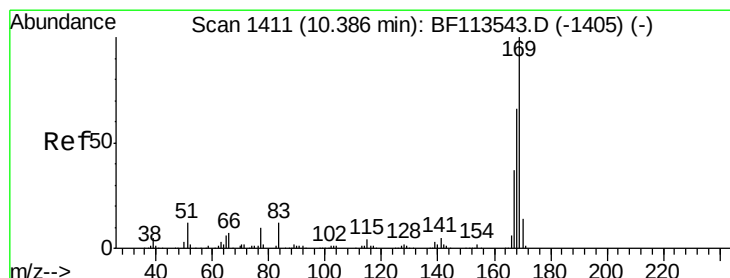
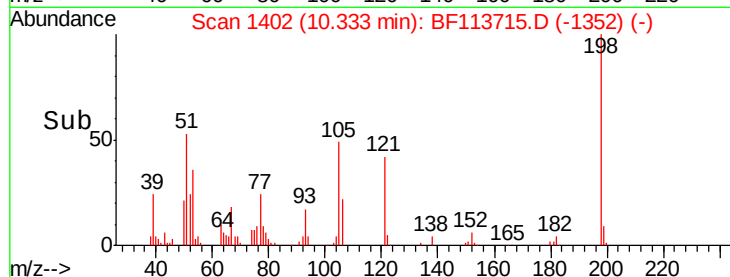
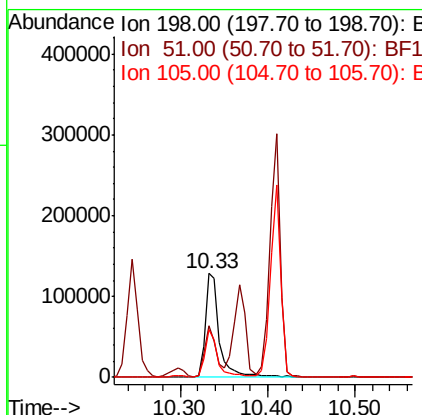
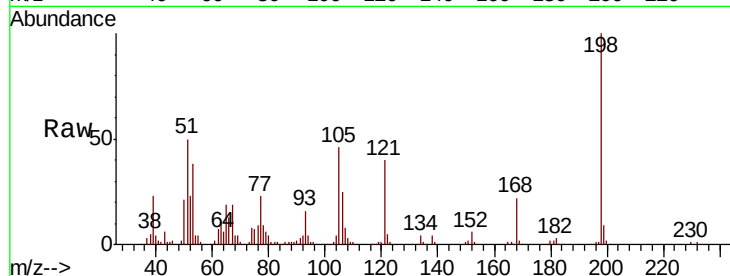
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.422 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	144279		
51	49.9		21.6	61.6
105	45.7		20.6	60.6

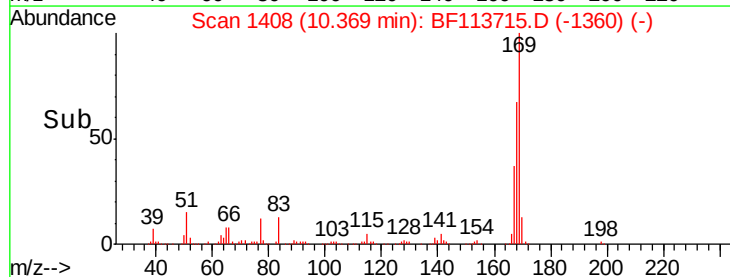
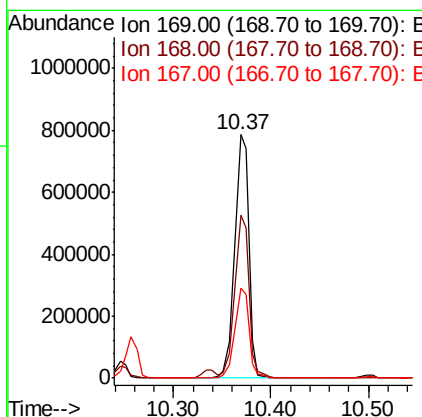
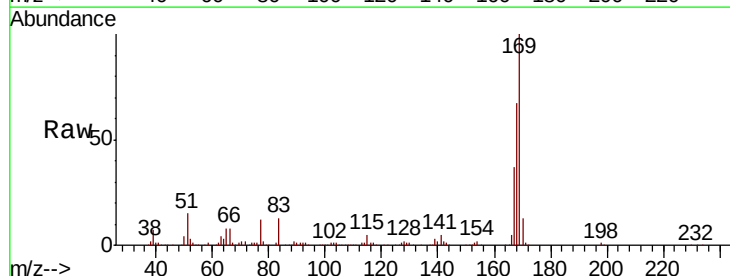
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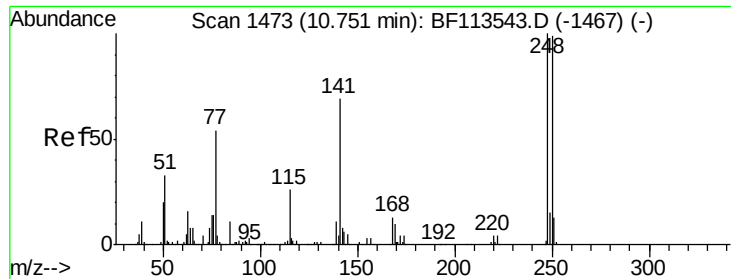
Sohil
 4/12/2019 2:29:00 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.823 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	789787		
168	67.0		53.7	80.5
167	37.0		29.5	44.3





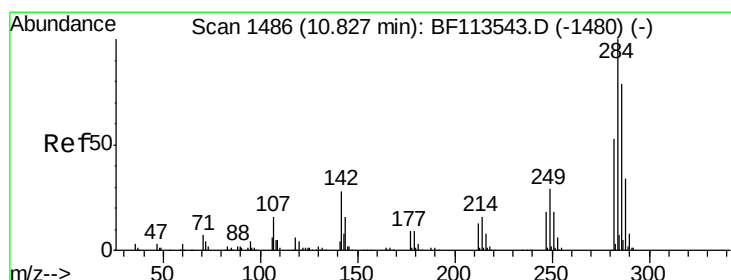
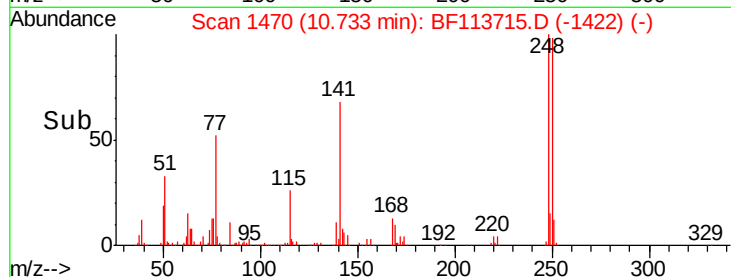
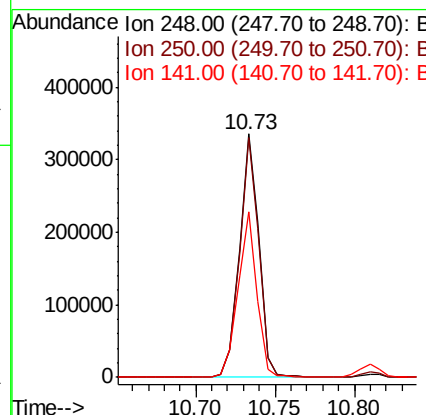
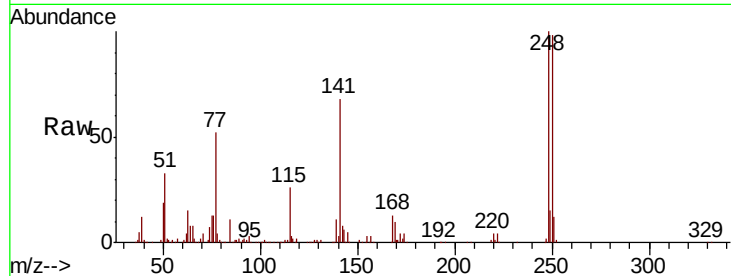
#67
4-Bromophenyl-phenylether
Concen: 39.358 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.3	117.5
141	67.9	56.2	84.4

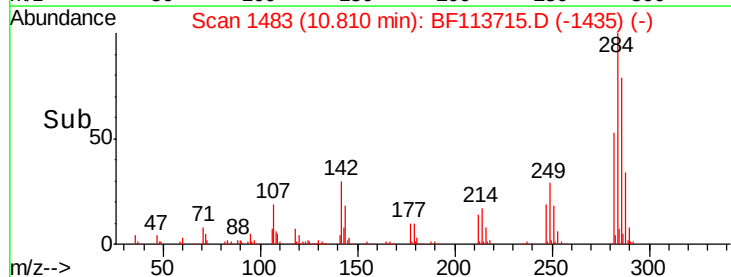
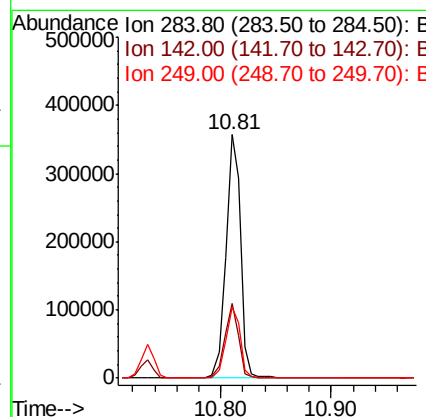
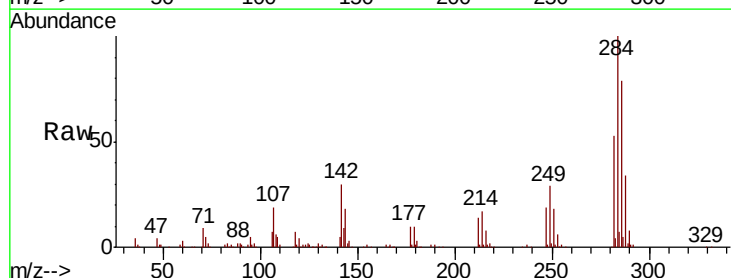
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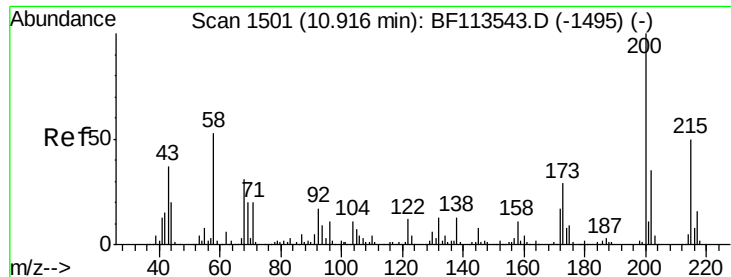
Sohil
4/12/2019 2:29:00 PM



#68
Hexachlorobenzene
Concen: 39.742 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	20.1	30.1#
249	29.0	22.7	34.1





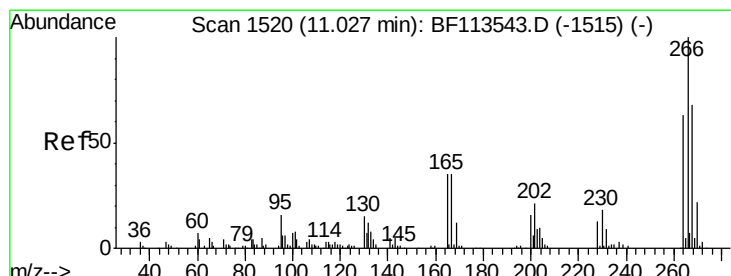
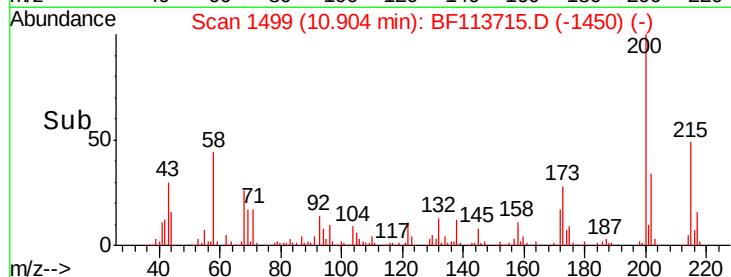
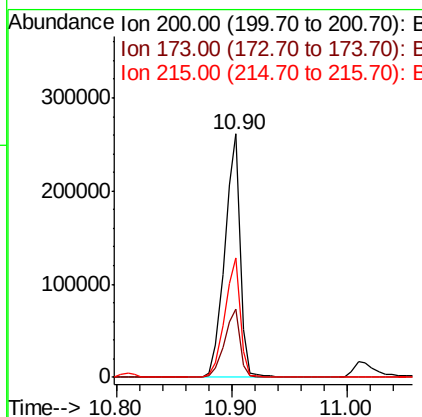
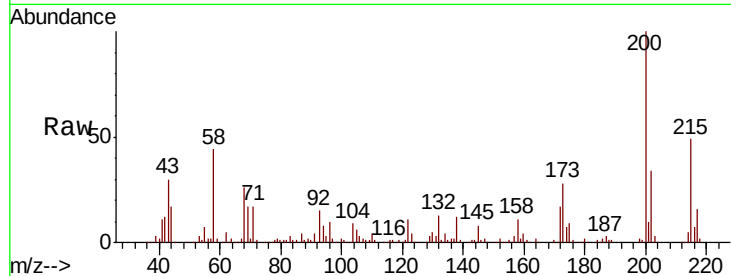
#69
 Atrazine
 Concen: 38.744 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.0	46.0
215	48.9	31.3	71.3

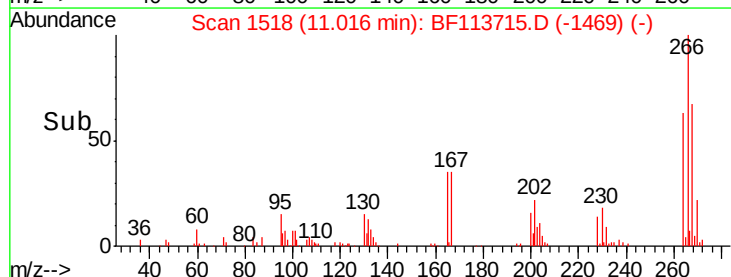
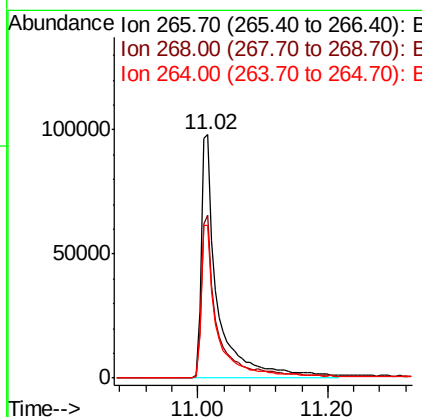
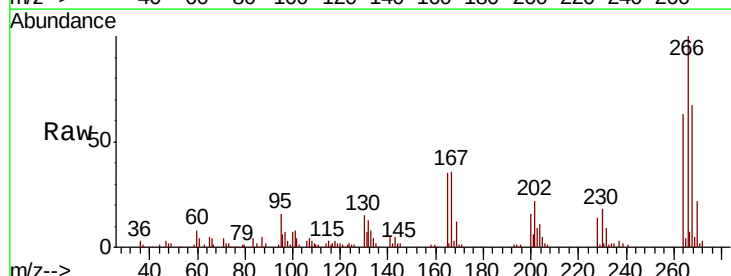
Manual Integrations
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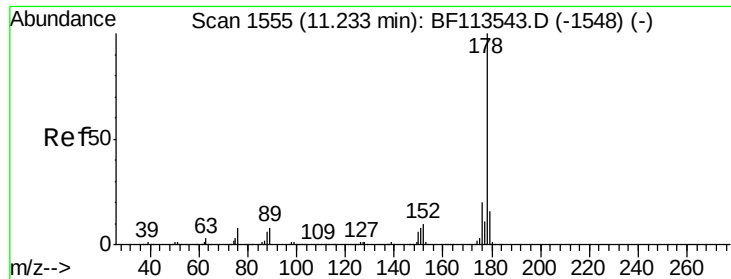
Sohil
 4/12/2019 2:29:00 PM



#70
 Pentachlorophenol
 Concen: 43.764 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.8	80.6
264	62.9	49.2	73.8





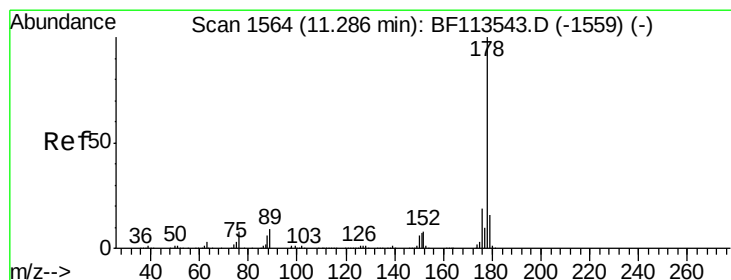
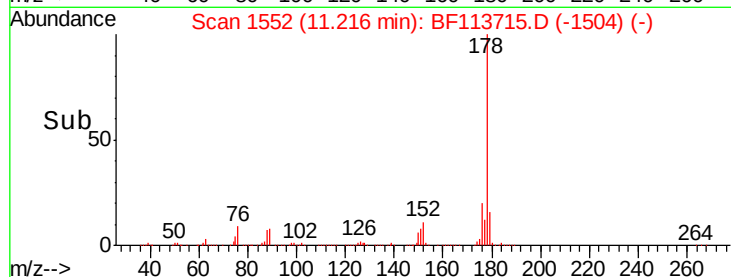
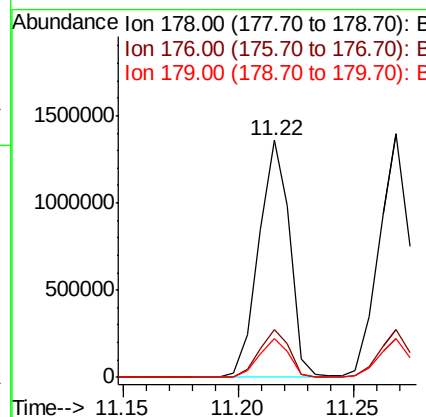
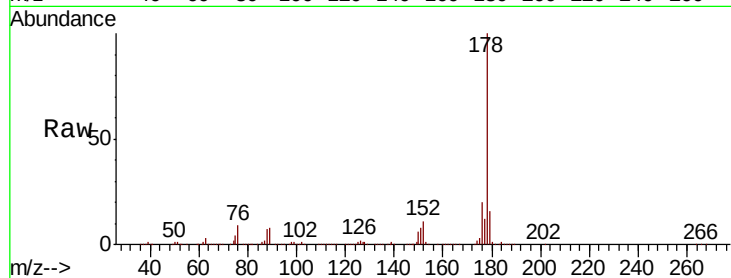
#71
Phenanthrene
Concen: 39.620 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1271847
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.1 12.7 19.1

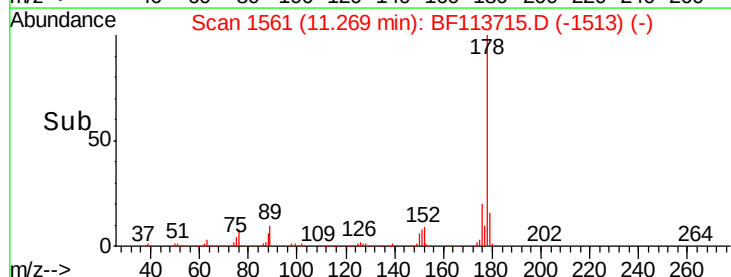
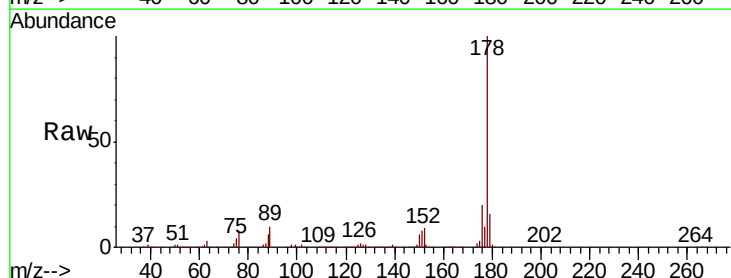
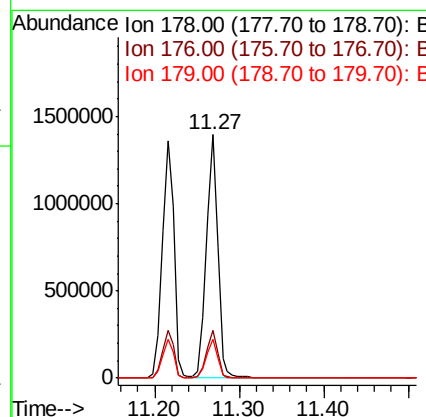
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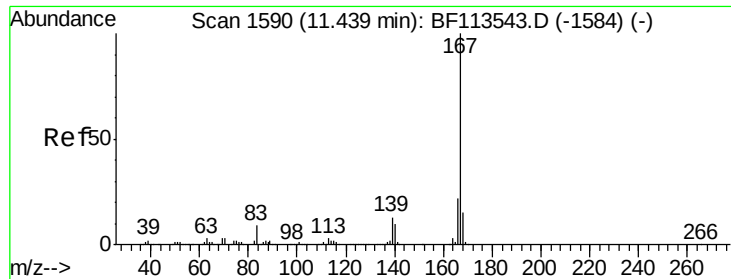
Sohil
4/12/2019 2:29:00 PM



#72
Anthracene
Concen: 39.839 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion:178 Resp: 1301167
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.1 12.8 19.2





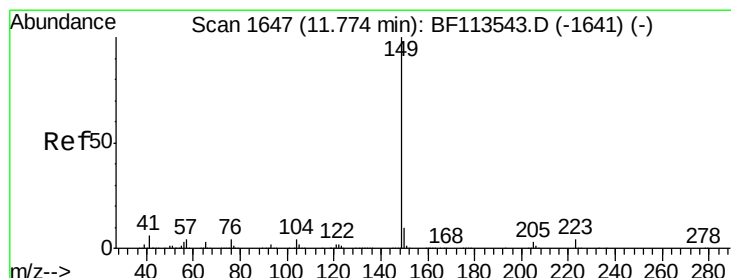
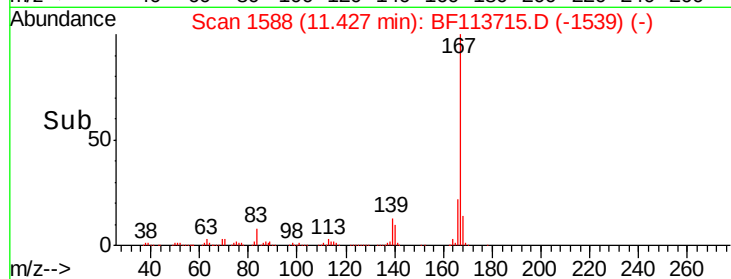
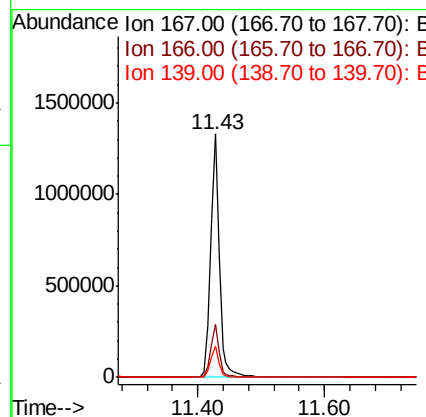
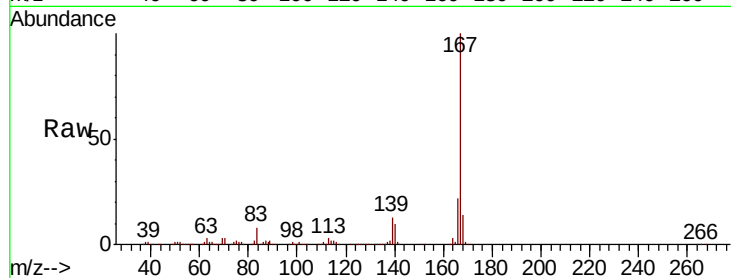
#73
 Carbazole
 Concen: 41.495 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.9	10.4	15.6

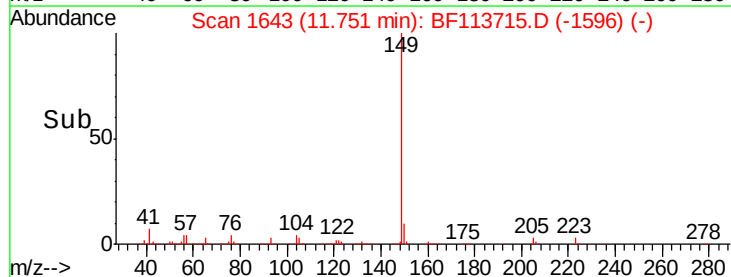
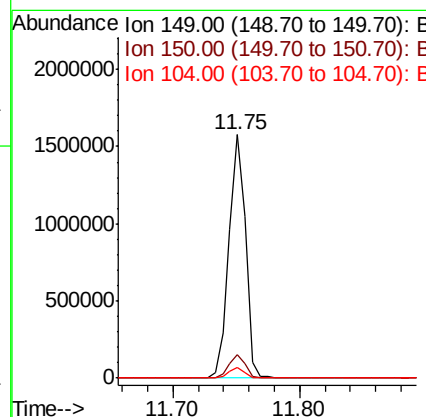
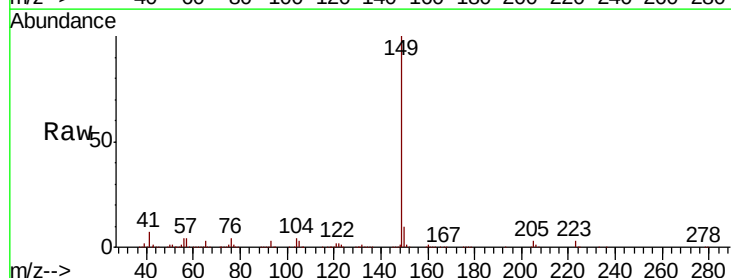
Manual Integrations
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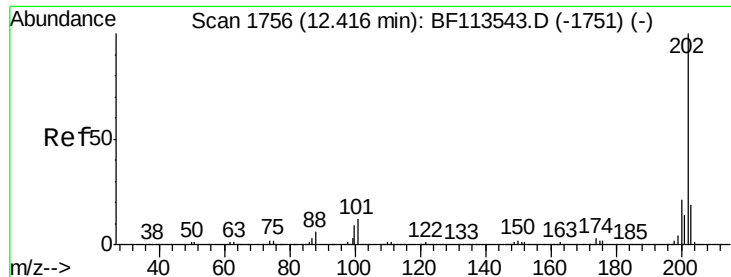
Sohil
 4/12/2019 2:29:00 PM



#74
 Di-n-butylphthalate
 Concen: 39.350 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.5	3.7	5.5





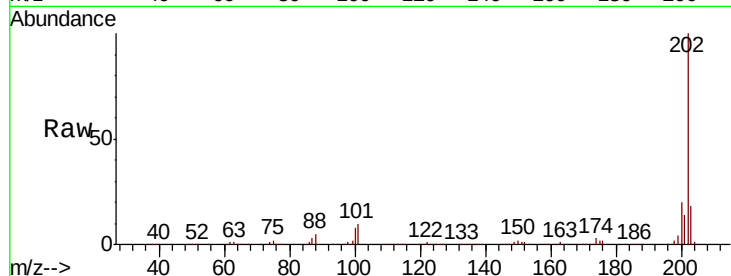
#75
Fluoranthene
Concen: 40.807 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.1	0.0	38.0

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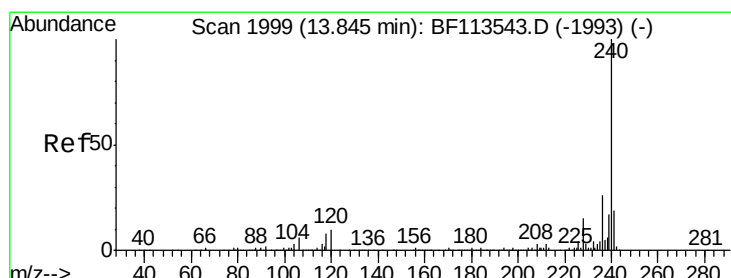
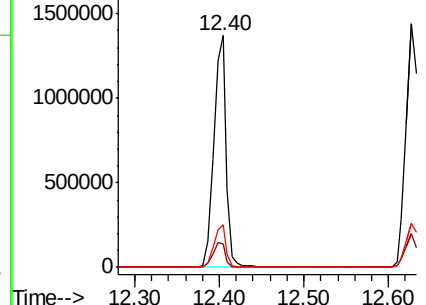
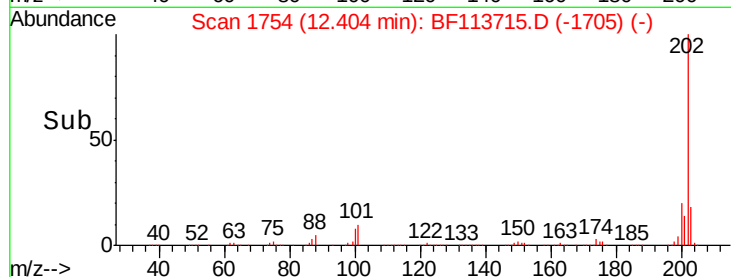


Abundance

Ion 202.00 (201.70 to 202.70): E

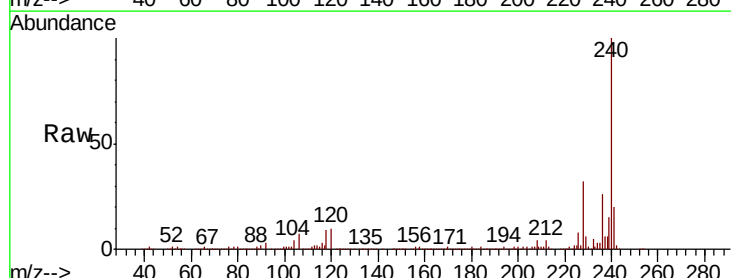
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	26.0	20.9	31.3

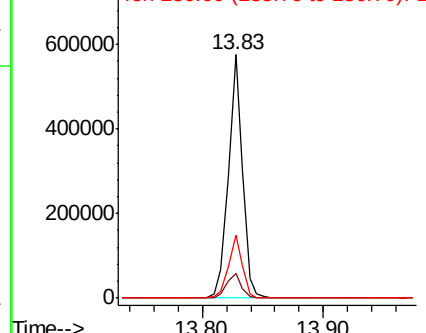
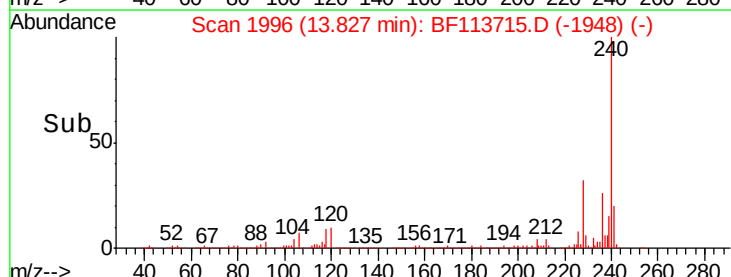


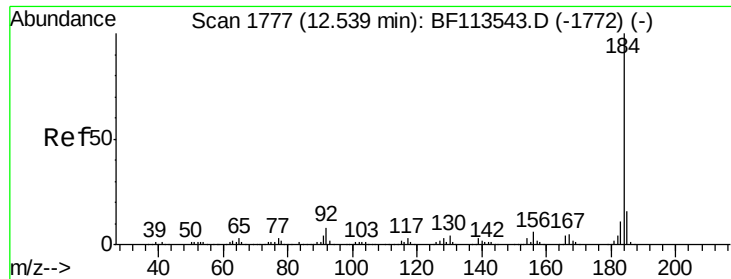
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.644 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

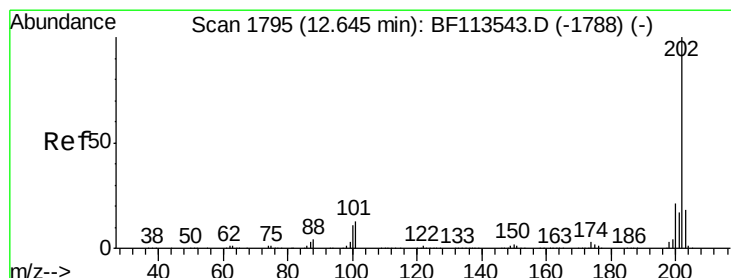
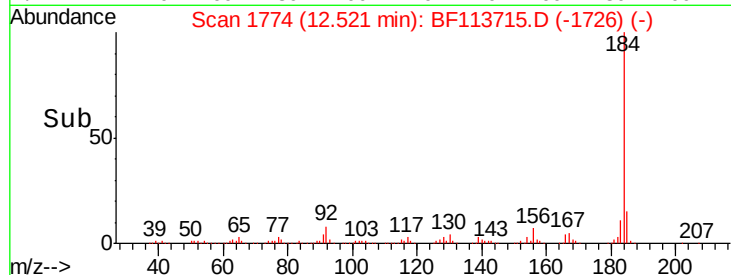
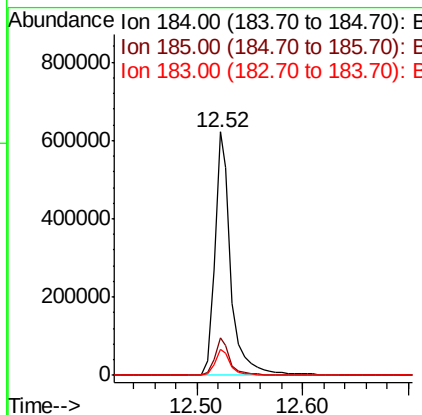
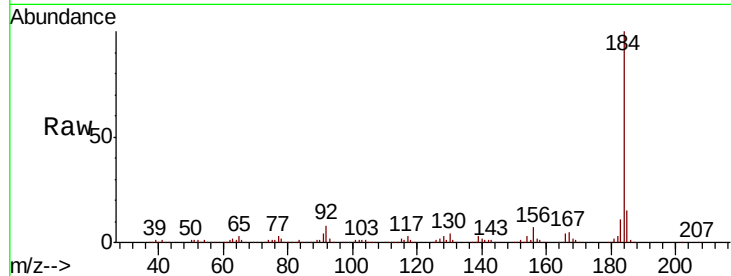
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	666141
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.0	19.6
183	10.8	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 39.990 ng

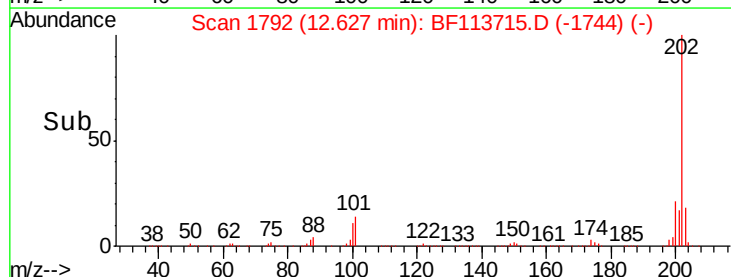
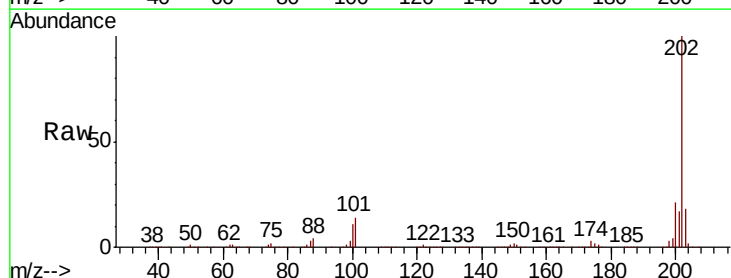
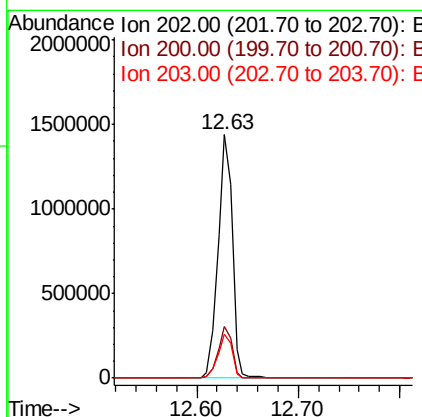
RT: 12.63 min Scan# 1792

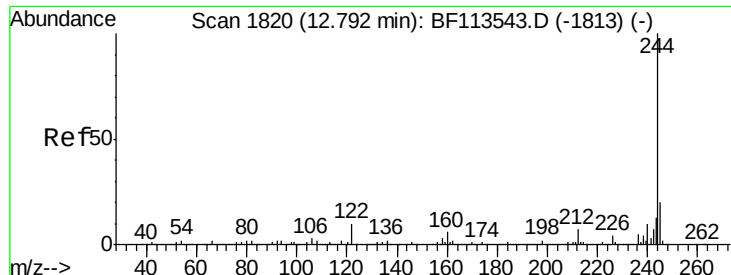
Delta R.T. -0.02 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Tgt Ion:	202	Resp:	1410508
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	18.0	14.4	21.6





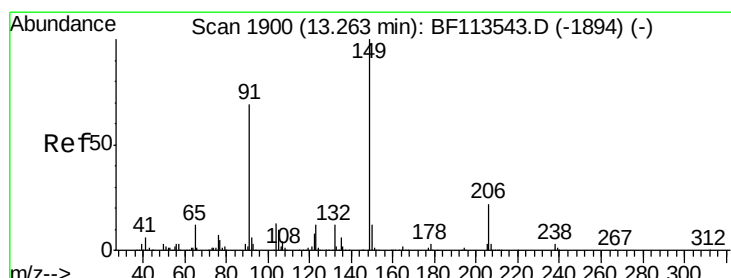
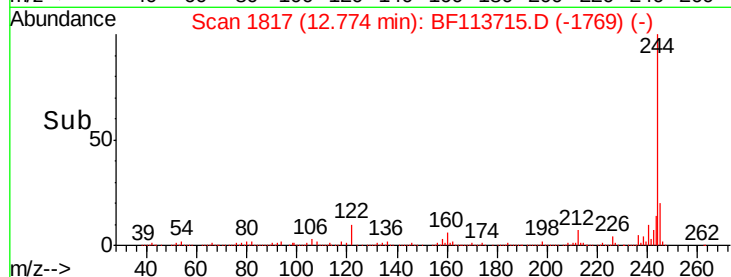
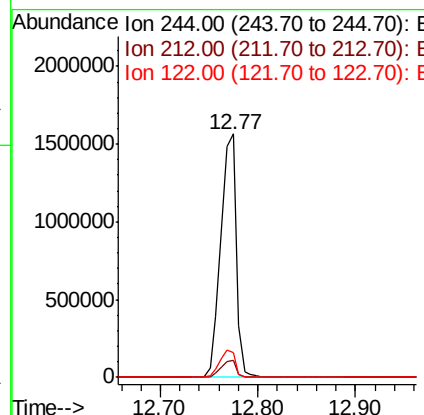
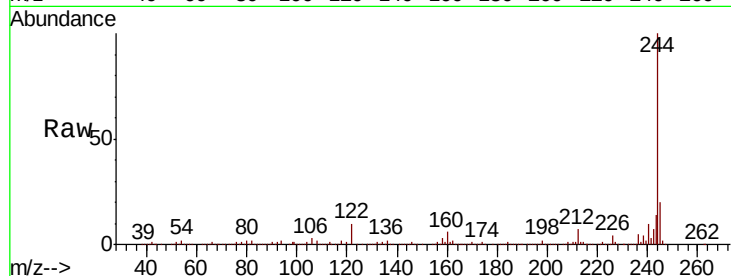
#79
 Terphenyl-d14
 Concen: 76.501 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.9	8.6	13.0

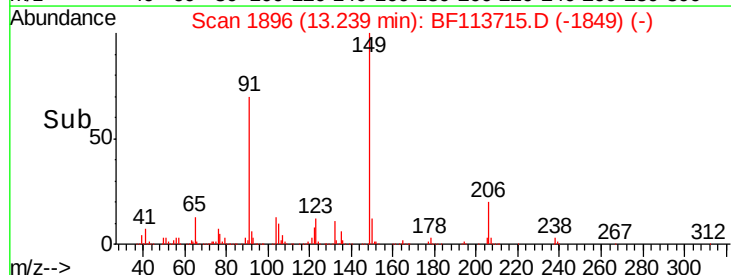
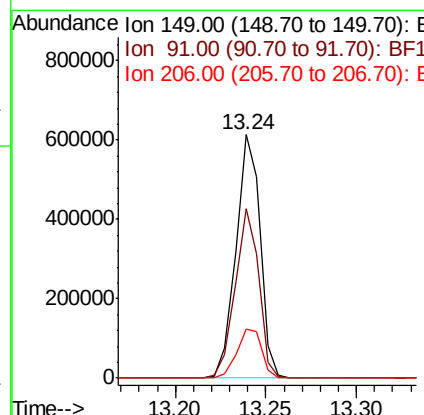
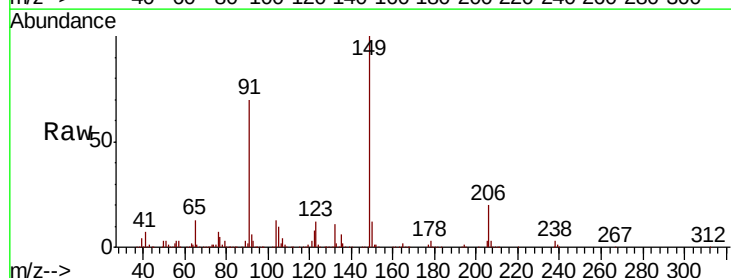
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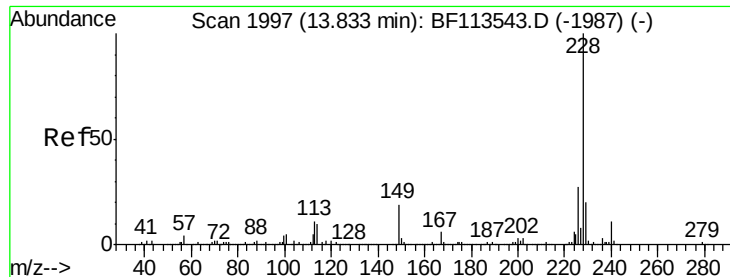
Sohil
 4/12/2019 2:29:00 PM



#80
 Butylbenzylphthalate
 Concen: 39.801 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.2	82.8
206	20.0	16.1	24.1





#81

Benzo(a)anthracene

Concen: 40.948 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

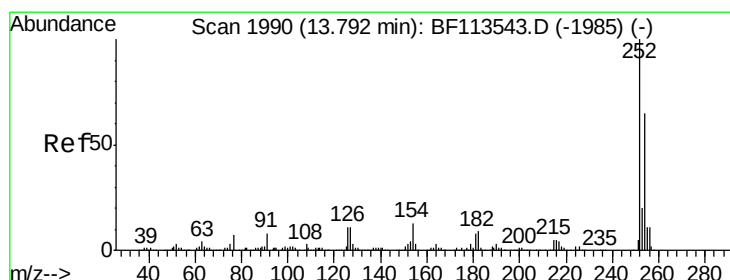
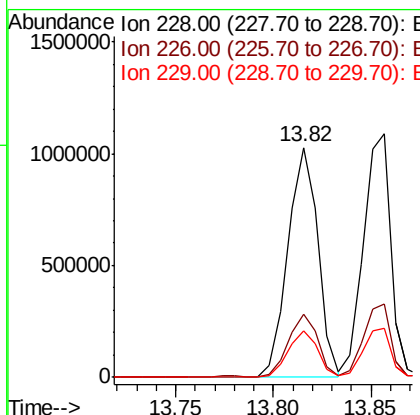
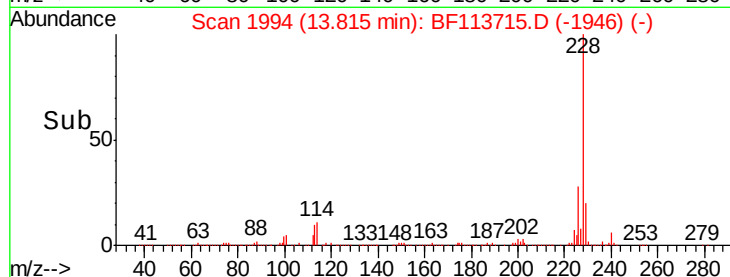
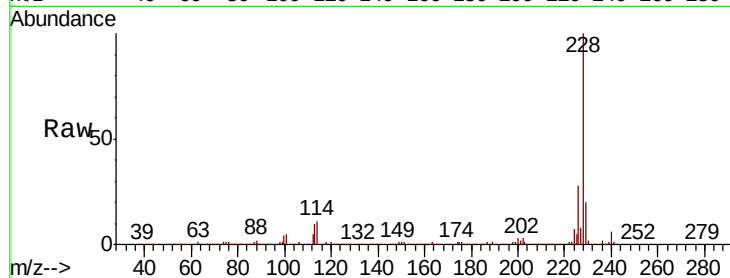
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1094959
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.4	16.2	24.4

Manual Integrations
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4/12/2019 2:29:00 PM



#82

3,3'-Dichlorobenzidine

Concen: 41.396 ng

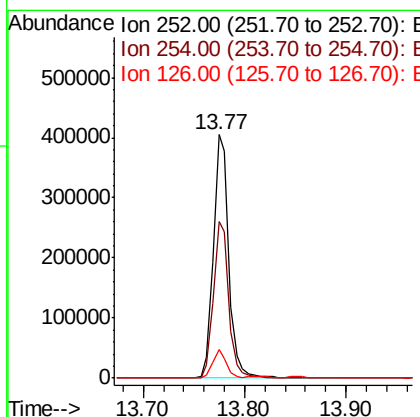
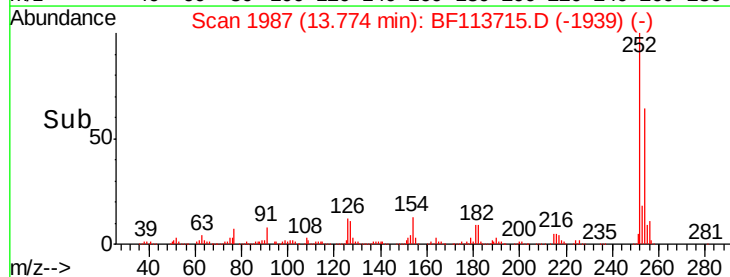
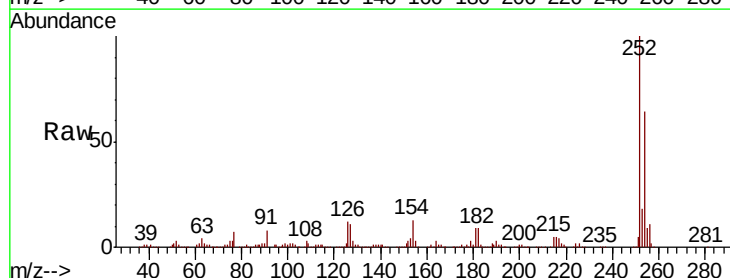
RT: 13.77 min Scan# 1987

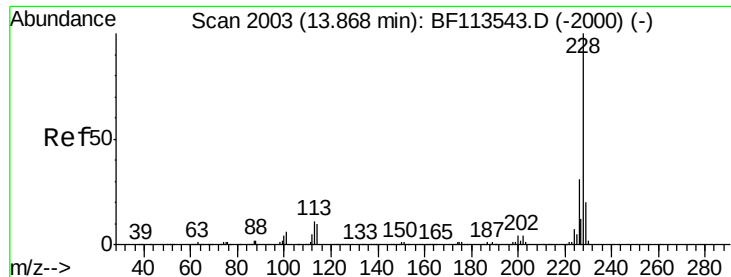
Delta R.T. -0.02 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Tgt Ion:	252	Resp:	426354
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.2
126	11.6	8.5	12.7





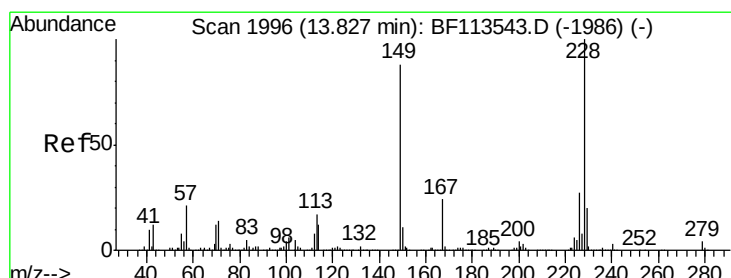
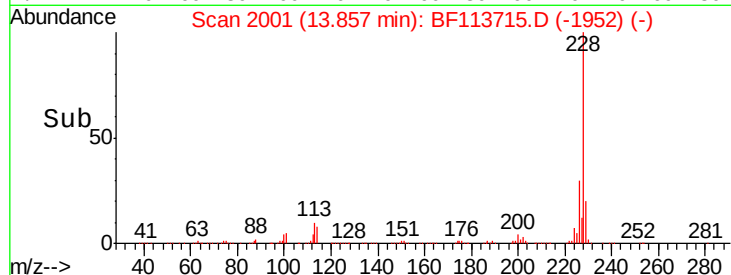
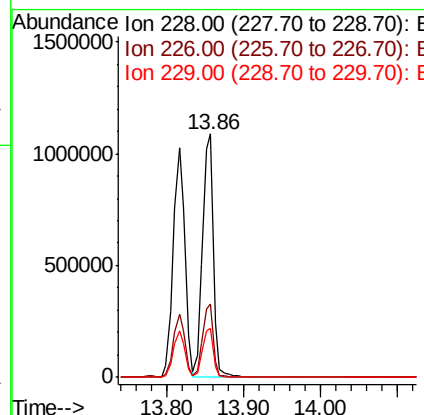
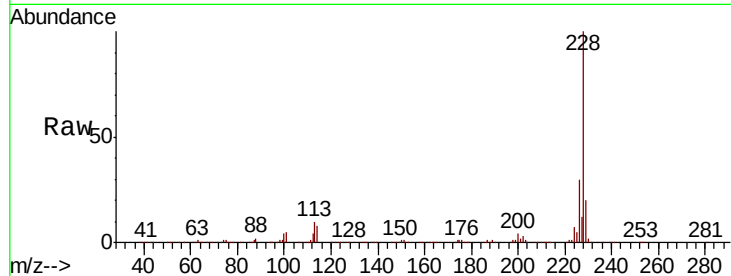
#83
 Chrvsene
 Concen: 39.767 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	228	Resp:	1077956
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	20.0	16.3	24.5

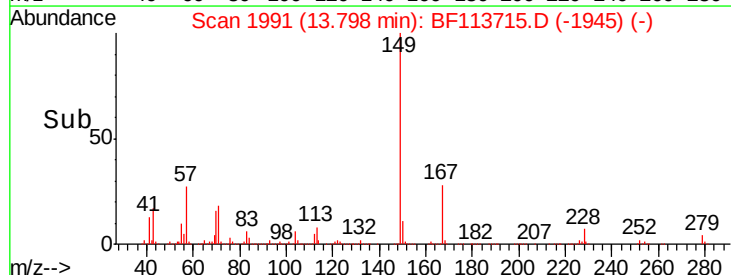
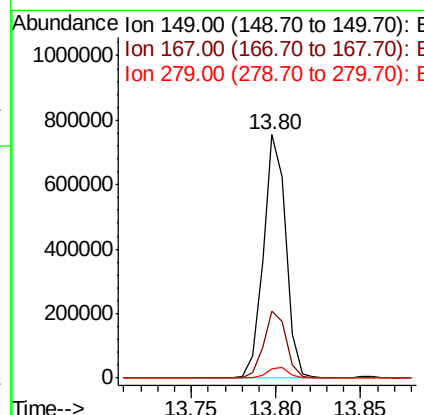
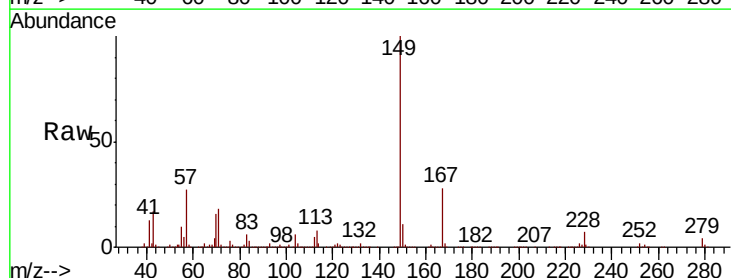
Manual Integrations
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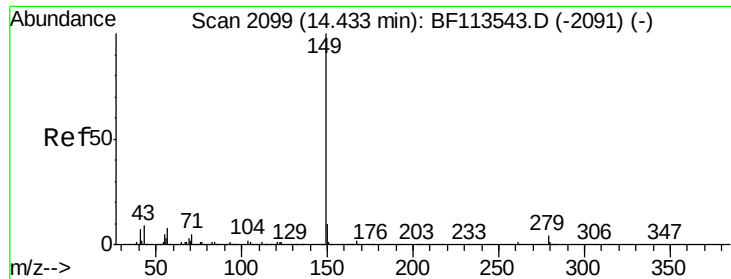
Sohil
 4/12/2019 2:29:00 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.344 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.03 min
 Lab File: BF113715.D
 Acq: 11 Apr 2019 11:55

Tgt Ion:	149	Resp:	700335
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	3.9	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 37.083 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1046378

Ion Ratio Lower Upper

149 100

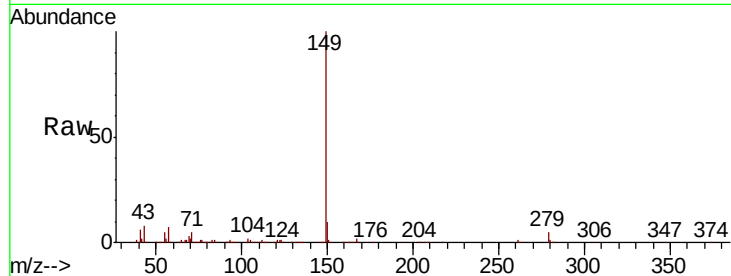
167 1.6 1.3 1.9

43 9.6 7.7 11.5

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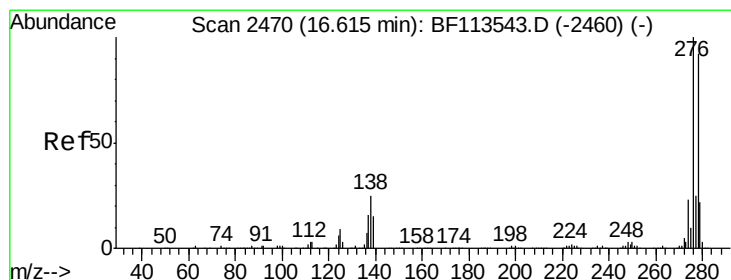
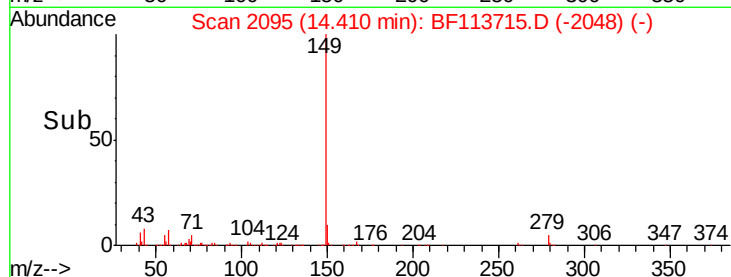
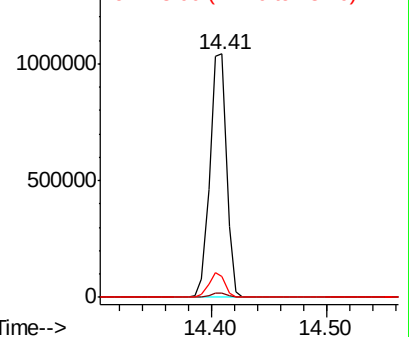
4/12/2019 2:29:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.376 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113715.D

Acq: 11 Apr 2019 11:55

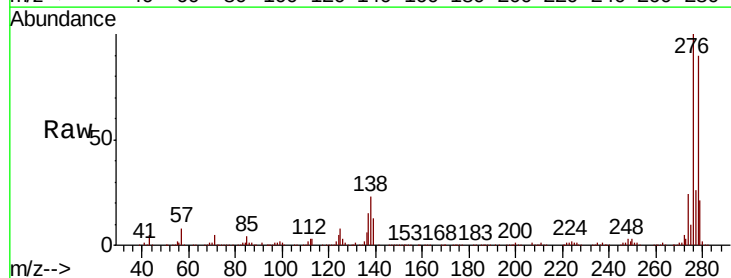
Tgt Ion:276 Resp: 1010509

Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

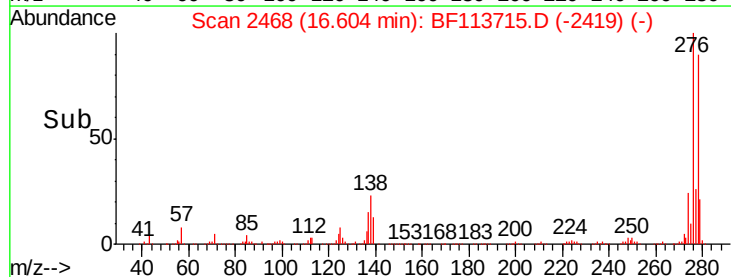
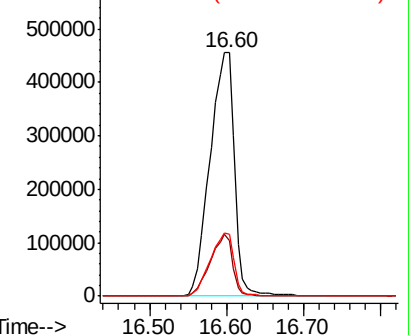
277 25.3 20.2 30.4

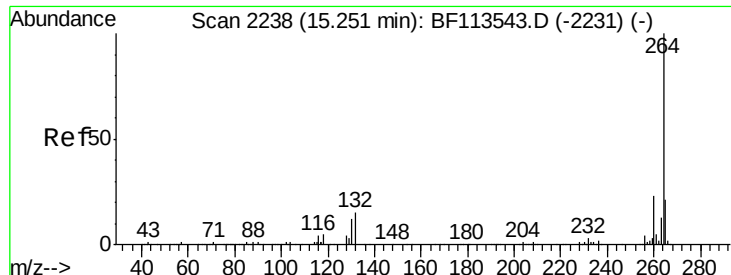


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





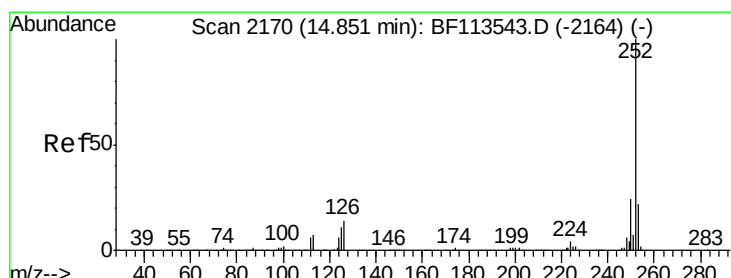
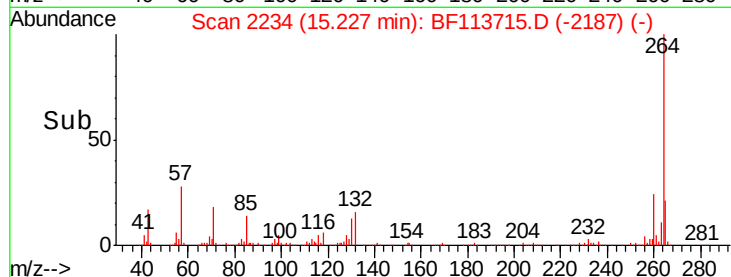
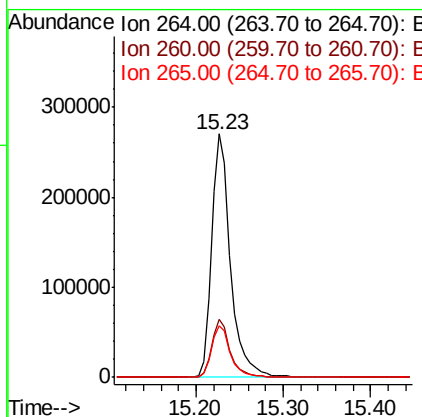
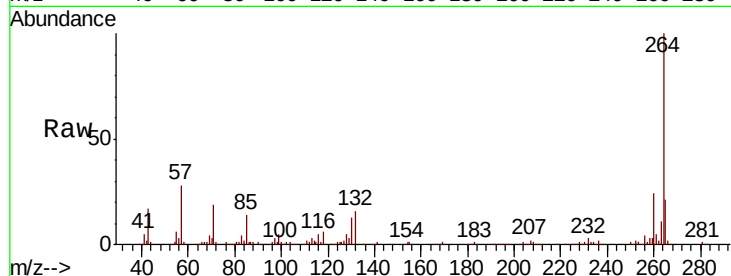
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.4	17.1	25.7

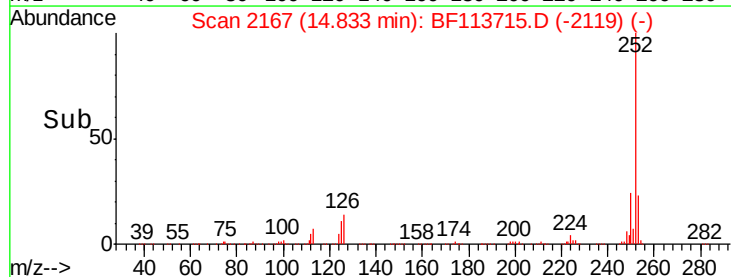
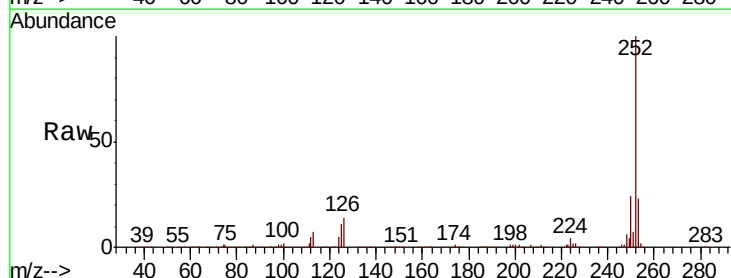
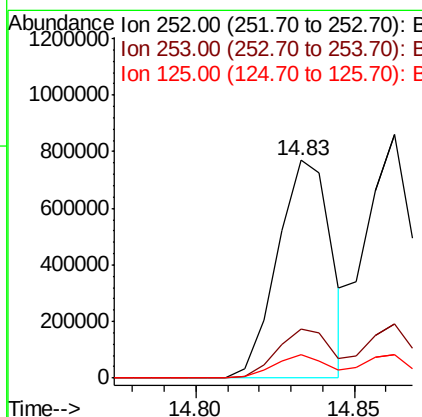
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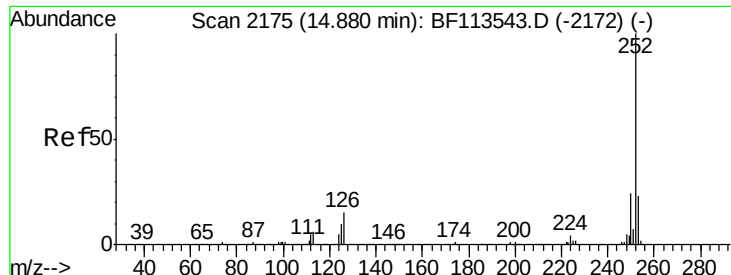
Sohil
4/12/2019 2:29:00 PM



#88
Benzo(b)fluoranthene
Concen: 37.001 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.5	7.6	11.4





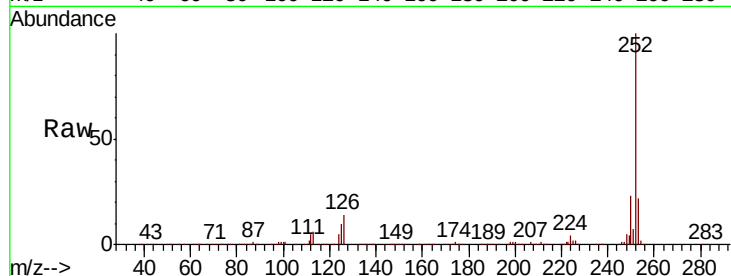
#89
Benzo(k)fluoranthene
Concen: 40.966 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	7.3	10.9

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4/12/2019 2:29:00 PM

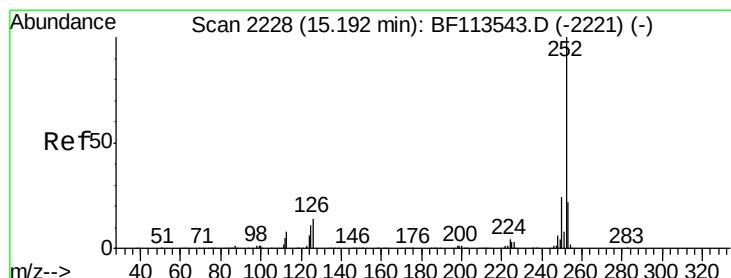
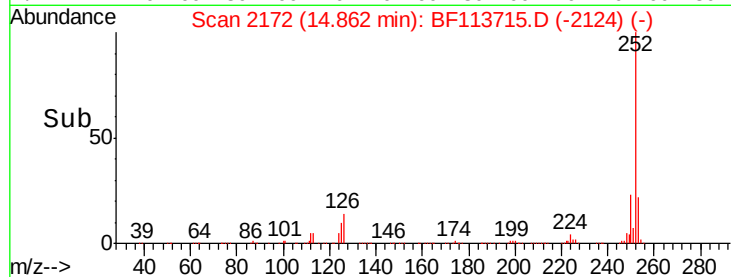
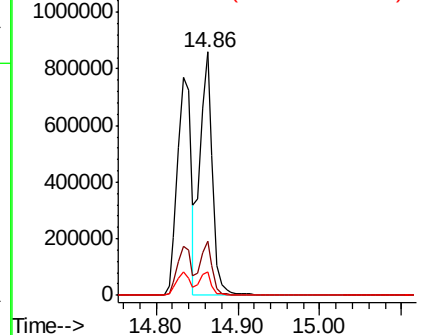


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 39.741 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

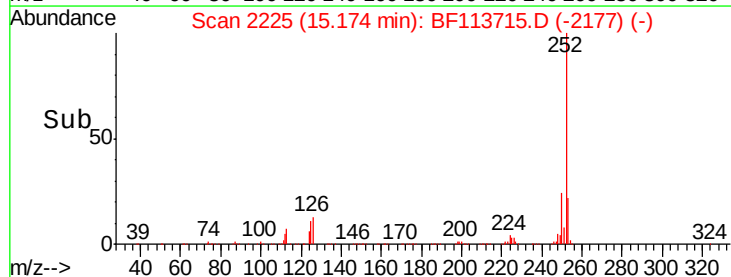
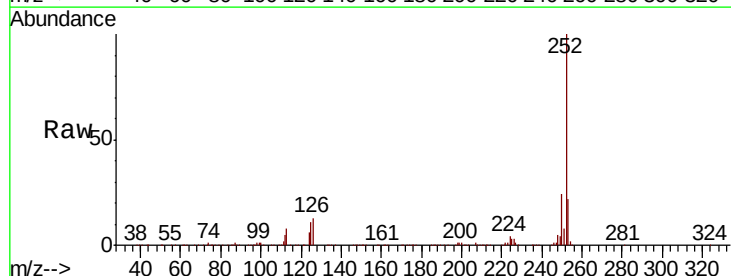
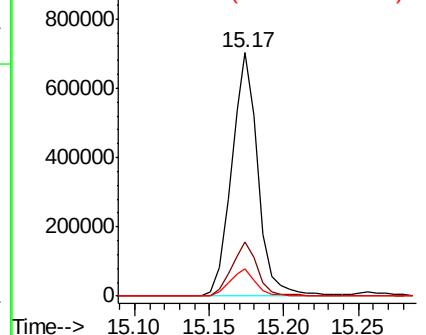
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.0	8.8	13.2

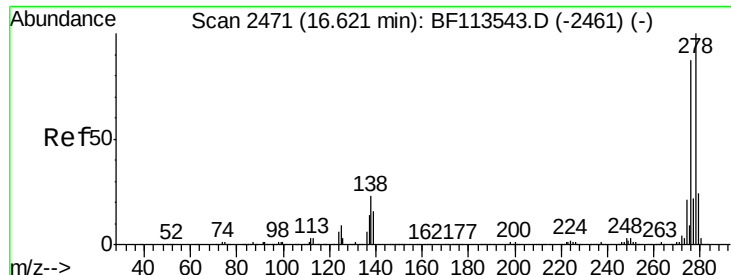
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





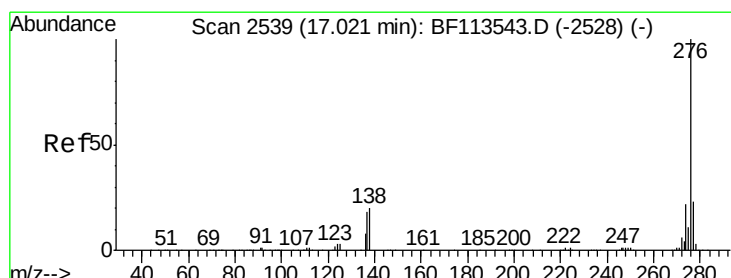
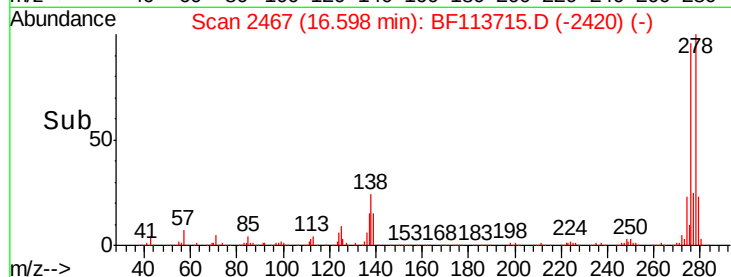
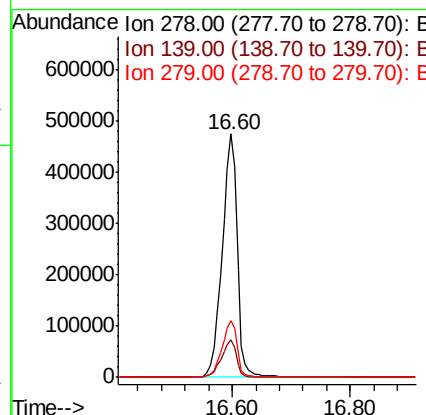
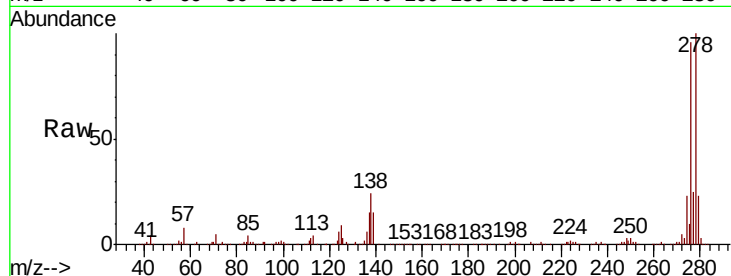
#91
Dibenzo(a,h)anthracene
Concen: 40.915 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/12/2019 2:29:00 PM



#92
Benzo(g,h,i)perylene
Concen: 42.229 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113715.D
Acq: 11 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.5	15.6	23.4

