

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114084.D
 Acq On : 2 May 2019 14:21
 Operator : JU/SJ
 Sample : K2584-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:32:58 PM

Quant Time: May 03 04:02:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81868	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	304855	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	168627	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	345659	20.00	ng	0.00
76) Chrysene-d12	14.07	240	240071	20.00	ng	0.00
87) Perylene-d12	15.57	264	250971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	845114	176.56	ng	0.00
7) Phenol-d6	6.53	99	1143316	190.38	ng	0.01
23) Nitrobenzene-d5	7.45	82	691693	140.09	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377819	183.92	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1265576	117.38	ng	0.00
79) Terphenyl-d14	13.00	244	1790671	152.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	106392	47.152	ng	96
3) Pyridine	3.44	79	307754	49.969	ng	100
4) n-Nitrosodimethylamine	3.38	42	120608	57.207	ng	97
6) Aniline	6.56	93	172208	20.883	ng	100
8) 2-Chlorophenol	6.68	128	319497	58.464	ng	99
9) Benzaldehyde	6.43	77	56597	12.081	ng	97
10) Phenol	6.55	94	406961	56.671	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	309708	57.313	ng	94
12) 1,3-Dichlorobenzene	6.83	146	340345	54.989	ng	100
13) 1,4-Dichlorobenzene	6.91	146	344513	55.341	ng	100
14) 1,2-Dichlorobenzene	7.06	146	329683	57.625	ng	98
15) Benzyl Alcohol	7.03	79	301481	74.539	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	347512	55.090	ng	93
17) 2-Methylphenol	7.15	107	276726	57.768	ng	97
18) Hexachloroethane	7.40	117	119966	54.973	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	224805	57.805	ng	98
20) 3+4-Methylphenols	7.30	107	338128	62.475	ng	# 70
22) Acetophenone	7.30	105	450637	66.426	ng	# 92
24) Nitrobenzene	7.47	77	355685	65.196	ng	100
25) Isophorone	7.71	82	614364	60.812	ng	100
26) 2-Nitrophenol	7.79	139	184094	73.967	ng	94
27) 2,4-Dimethylphenol	7.83	122	288278	71.091	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	392364	60.948	ng	99
29) 2,4-Dichlorophenol	8.03	162	308523	66.534	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	332517	64.312	ng	98
31) Naphthalene	8.20	128	959360	66.244	ng	99
32) Benzoic acid	7.93	122	89477	32.674	ng	97
33) 4-Chloroaniline	8.24	127	69100	11.276	ng	97
34) Hexachlorobutadiene	8.32	225	200857	62.317	ng	98
35) Caprolactam	8.61	113	98148m	66.537	ng	
36) 4-Chloro-3-methylphenol	8.73	107	279851	60.916	ng	98
37) 2-Methylnaphthalene	8.89	142	644090	65.952	ng	99
38) 1-Methylnaphthalene	8.99	142	602299	63.899	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	339924	62.058	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	235196	77.000	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	216672	62.294	nq	100
44) 2,4,5-Trichlorophenol	9.21	196	232153	59.506	nq	99
46) 1,1'-Biphenyl	9.35	154	769831	59.761	nq	98
47) 2-Chloronaphthalene	9.37	162	627283	59.880	nq	97
48) 2-Nitroaniline	9.47	65	170041	61.919	nq	88
49) Acenaphthylene	9.79	152	915394	55.817	nq	99
50) Dimethylphthalate	9.65	163	865864	70.999	nq	99
51) 2,6-Dinitrotoluene	9.71	165	167452	64.002	nq	99
52) Acenaphthene	9.96	154	549682	56.714	nq	98
53) 3-Nitroaniline	9.87	138	71001	25.825	nq	96
54) 2,4-Dinitrophenol	9.99	184	137738	117.345	nq	# 1
55) Dibenzofuran	10.13	168	856508	58.996	nq	97
56) 4-Nitrophenol	10.05	139	281044	129.106	nq	98
57) 2,4-Dinitrotoluene	10.12	165	237083	71.791	nq	98
58) Fluorene	10.48	166	658210	60.219	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	207510	60.526	nq	99
60) Diethylphthalate	10.35	149	772707	66.722	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	348255	60.162	nq	99
62) 4-Nitroaniline	10.49	138	171365	63.871	nq	99
63) Azobenzene	10.63	77	661271	58.915	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	109373	65.832	nq	98
66) n-Nitrosodiphenylamine	10.59	169	620247	59.803	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	237395	56.851	nq	97
68) Hexachlorobenzene	11.03	284	262014	57.100	nq	97
69) Atrazine	11.11	200	210958	62.526	nq	99
70) Pentachlorophenol	11.23	266	282241	108.636	nq	98
71) Phenanthrene	11.44	178	1115739	64.229	nq	100
72) Anthracene	11.49	178	1129825	64.406	nq	99
73) Carbazole	11.65	167	1048726	67.010	nq	100
74) Di-n-butylphthalate	11.97	149	1364843	74.137	nq	100
75) Fluoranthene	12.63	202	1306108	68.915	nq	99
77) Benzidine	12.74	184	199110	27.836	nq	97
78) Pyrene	12.86	202	1300953	77.491	nq	99
80) Butylbenzylphthalate	13.47	149	582029	88.114	nq	99
81) Benzo(a)anthracene	14.06	228	1068581	75.547	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	184586	35.604	nq	98
83) Chrysene	14.10	228	1056773	76.714	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	815684	97.057	nq	99
85) Di-n-octyl phthalate	14.68	149	1277222	97.094	nq	98
86) Indeno(1,2,3-cd)pyrene	17.09	276	1251537	95.914	nq	98
88) Benzo(b)fluoranthene	15.14	252	1063734	66.991	nq	100
89) Benzo(k)fluoranthene	15.17	252	1008958	73.870	nq	100
90) Benzo(a)pyrene	15.52	252	1025469	74.664	nq	99
91) Dibenzo(a,h)anthracene	17.11	278	1026096	79.587	nq	100
92) Benzo(g,h,i)perylene	17.55	276	1061772	81.606	nq	99

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

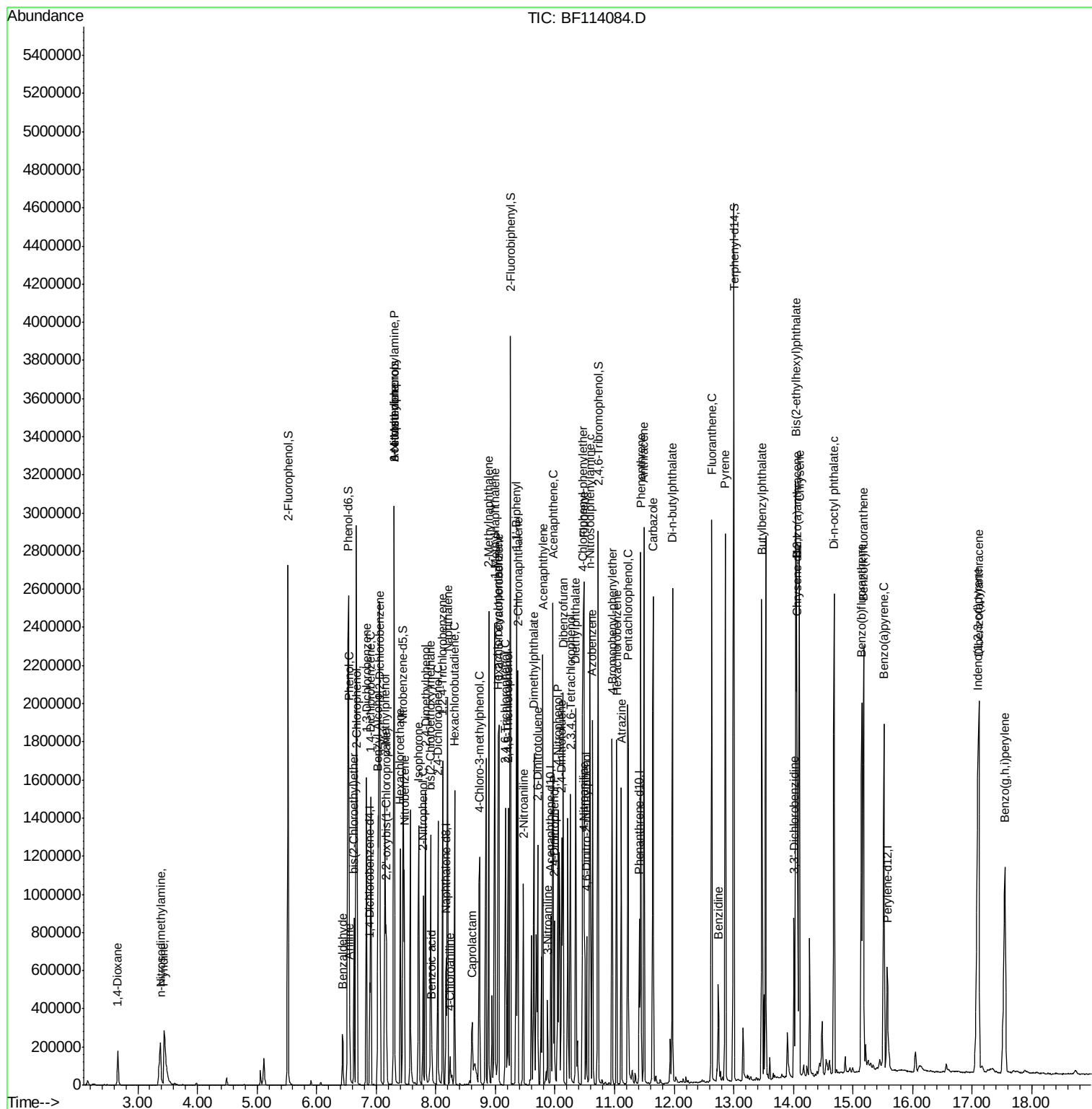
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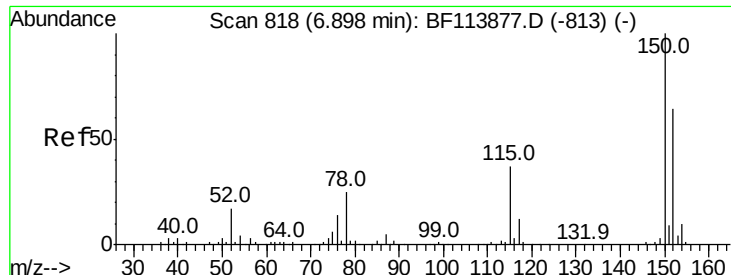
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

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#1

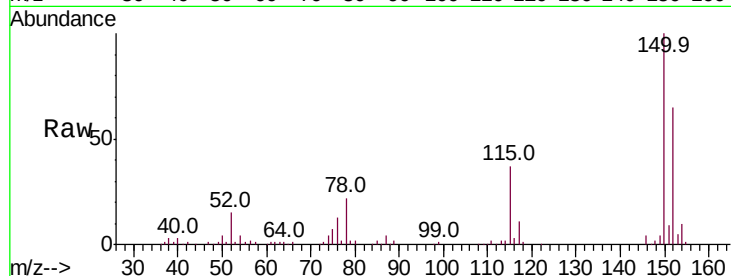
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.9	188.9
115	57.4	45.9	68.9

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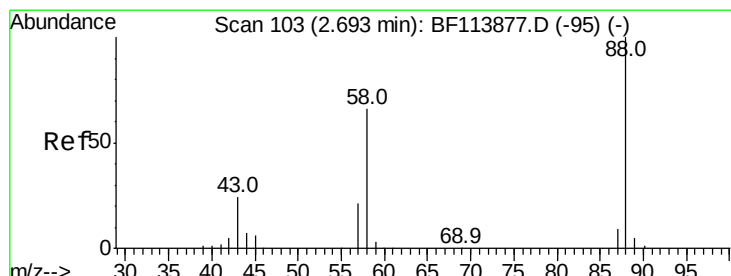
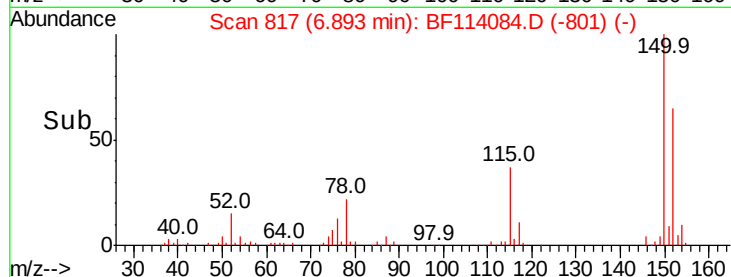
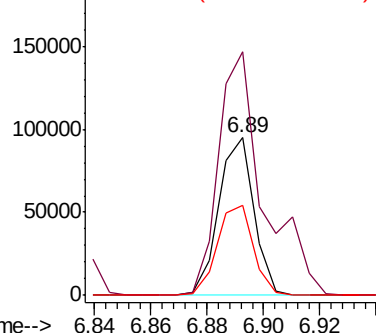


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

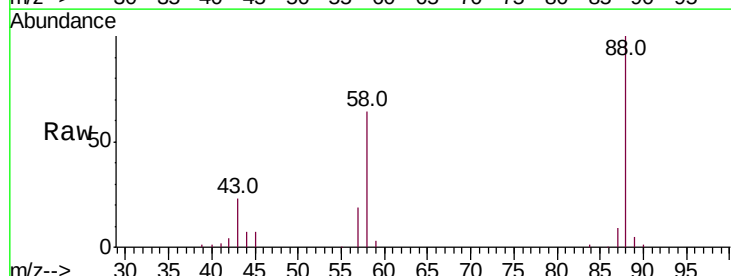
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.152 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.03 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	53.3	79.9
43	23.9	19.0	28.4

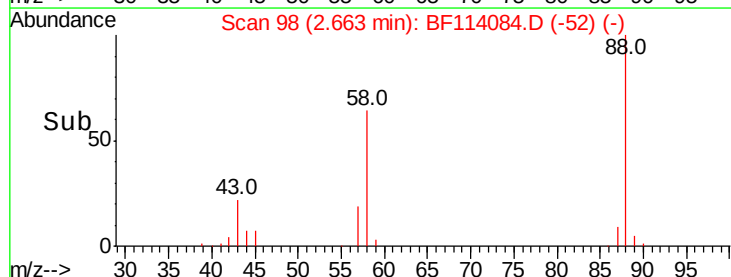
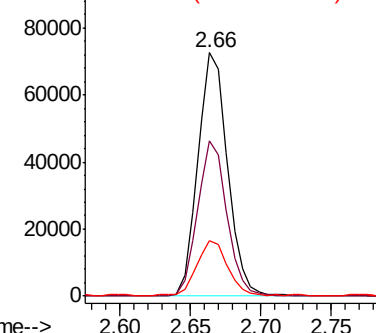


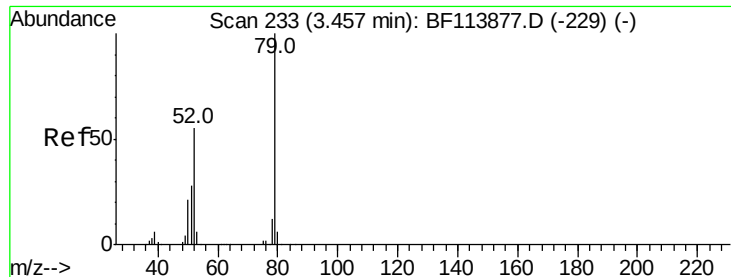
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





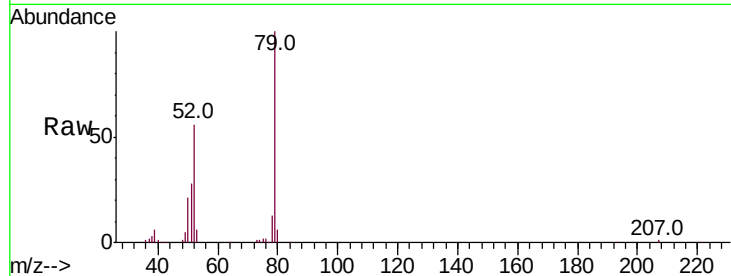
#3
 Pvridine
 Concen: 49.969 ng
 RT: 3.44 min Scan# 230
 Delta R.T. -0.02 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

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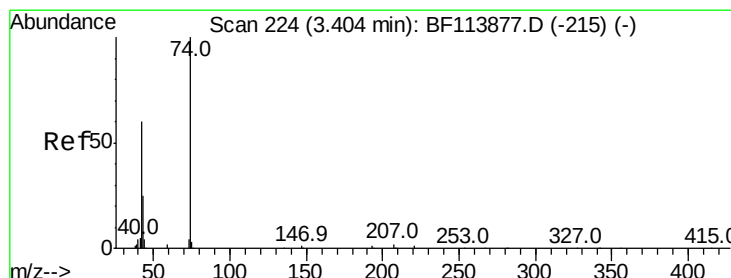
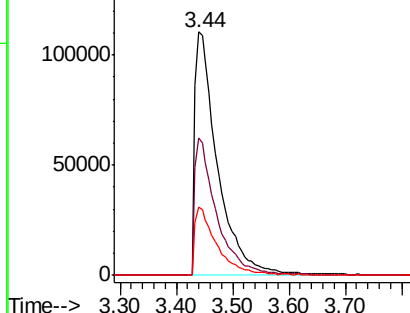
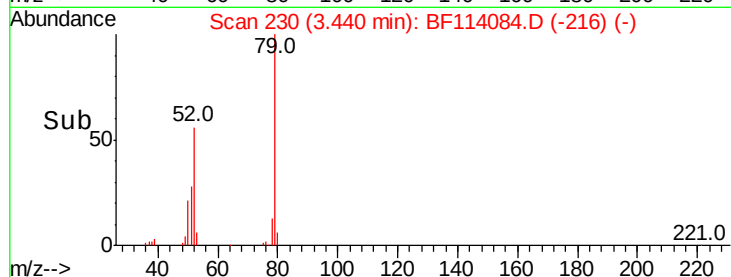
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.4	45.3	67.9
51	28.0	22.1	33.1

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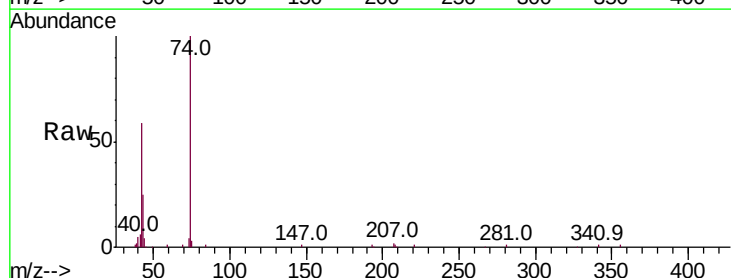


Abundance Ion 79.00 (78.70 to 79.70): BF1
 150000
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

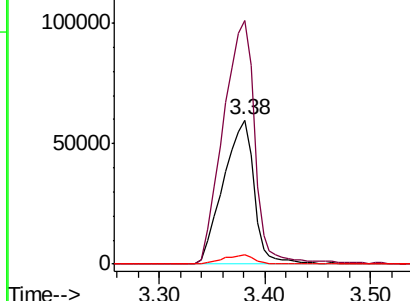
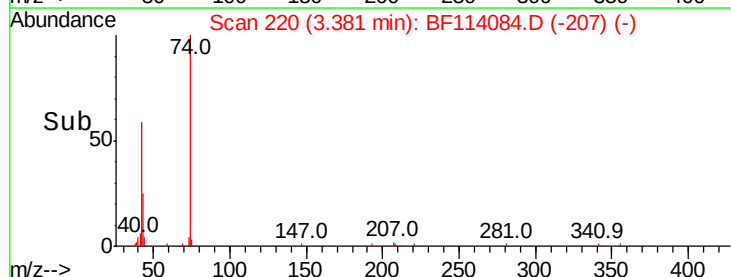


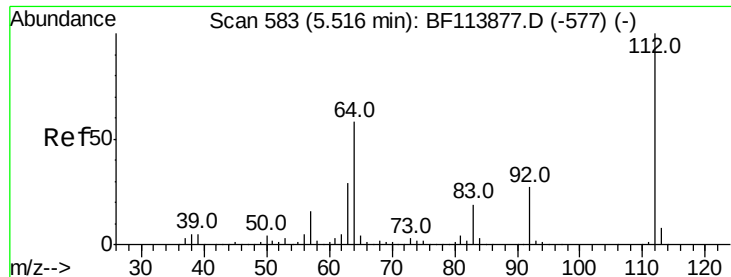
#4
 n-Nitrosodimethylamine
 Concen: 57.207 ng
 RT: 3.38 min Scan# 220
 Delta R.T. -0.02 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.2	132.6	198.8
44	6.9	5.8	8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
 100000
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 176.558 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

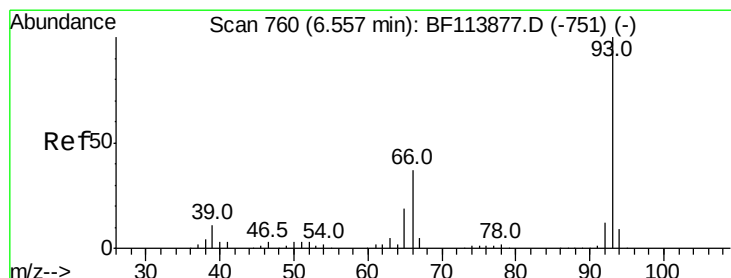
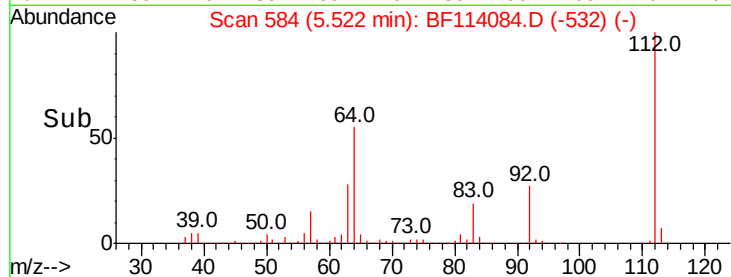
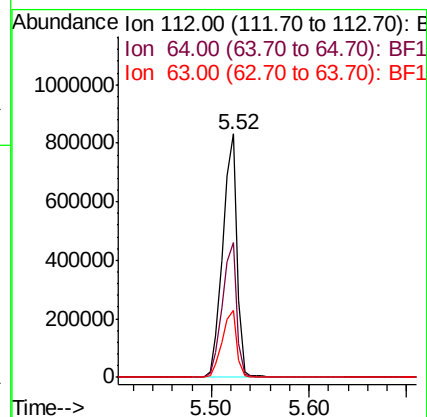
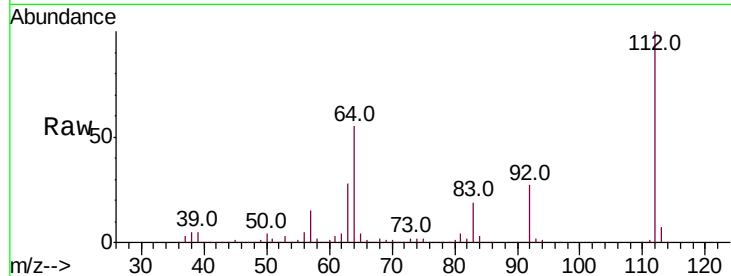
ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:	112	Resp:	845114
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.6	69.8
63	27.7	23.1	34.7

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#6

Aniline

Concen: 20.883 ng

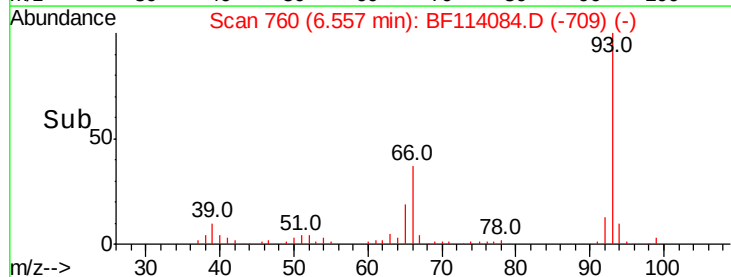
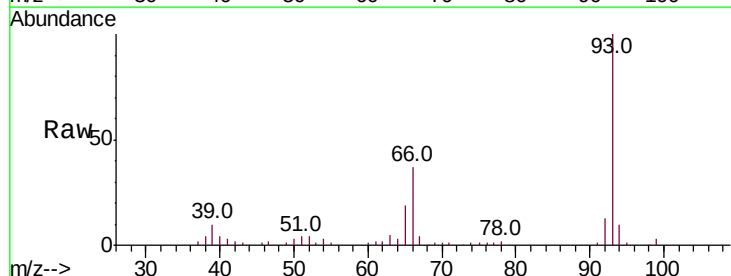
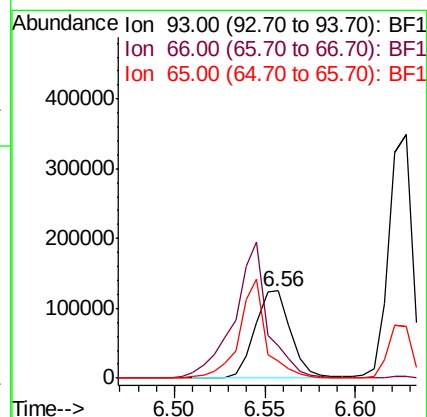
RT: 6.56 min Scan# 760

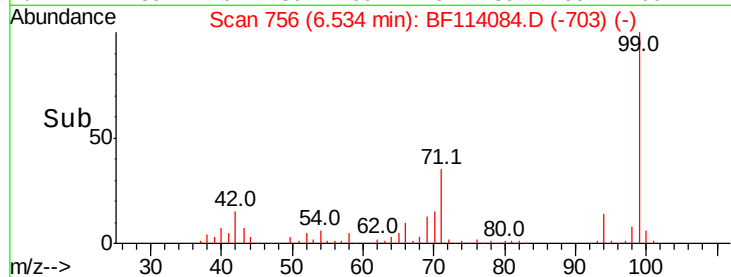
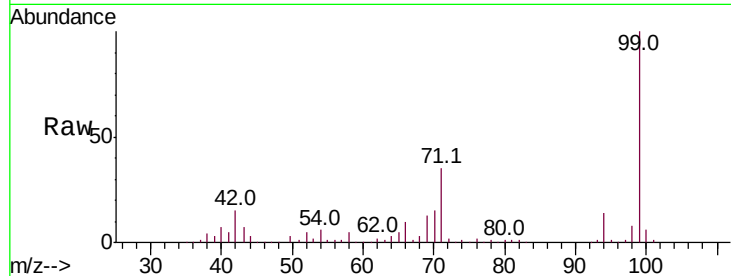
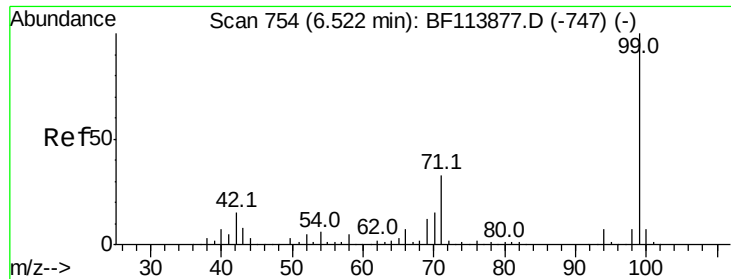
Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:	93	Resp:	172208
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.8	44.6
65	18.9	14.9	22.3





#7

Phenol-d6

Concen: 190.382 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tot Ion: 99 Resp: 1143316

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

71 34.5 26.9 40.3

Instrument :

BNA_F

ClientSampleId :

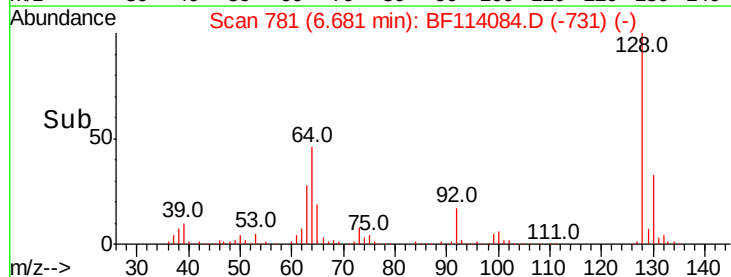
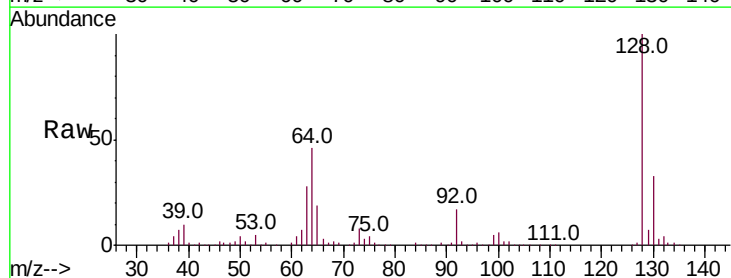
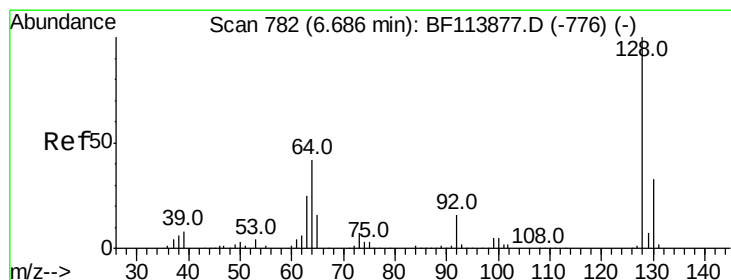
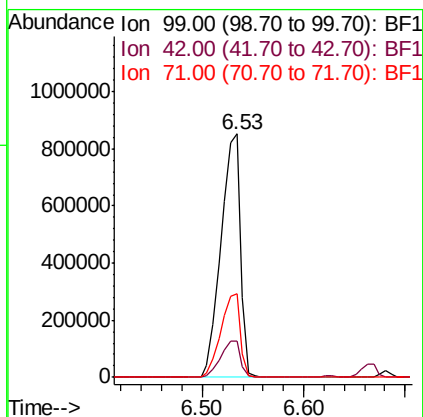
SSSI-0419-S-DH-8MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 58.464 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

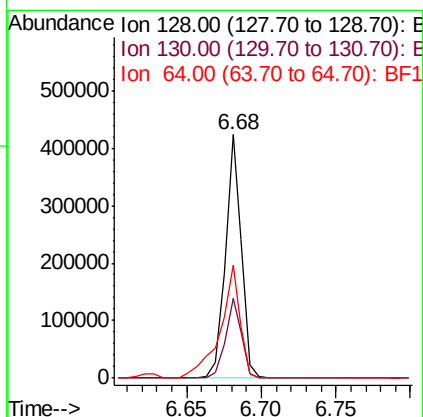
Tgt Ion:128 Resp: 319497

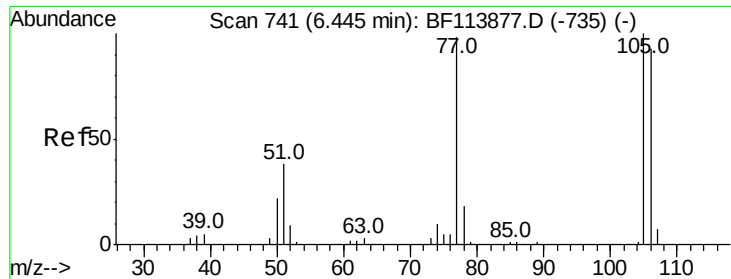
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 46.3 26.1 66.1





#9

Benzaldehyde

Concen: 12.081 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

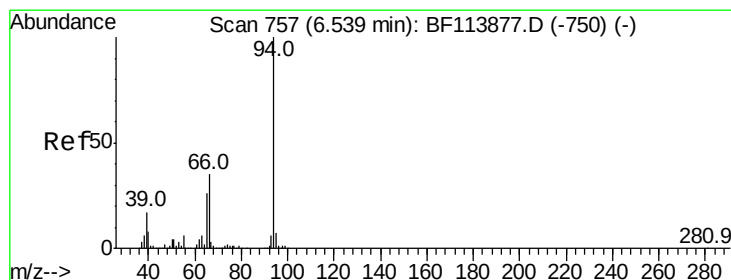
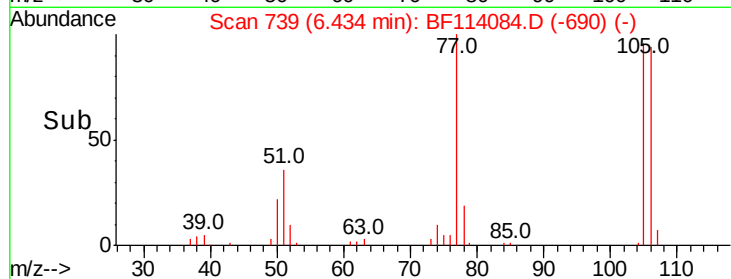
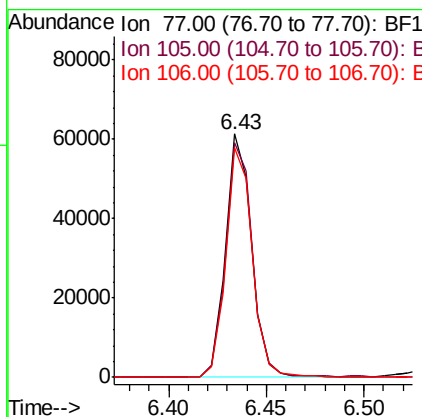
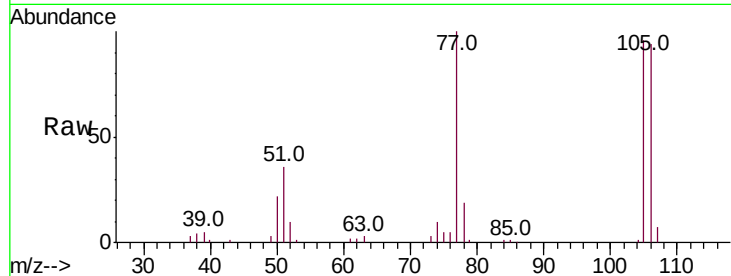
ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion: 77 Resp: 56597
 Ion Ratio Lower Upper
 77 100
 105 96.3 74.1 114.1
 106 94.4 70.3 110.3

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 5/3/2019 4:32:58 PM



#10

Phenol

Concen: 56.671 ng

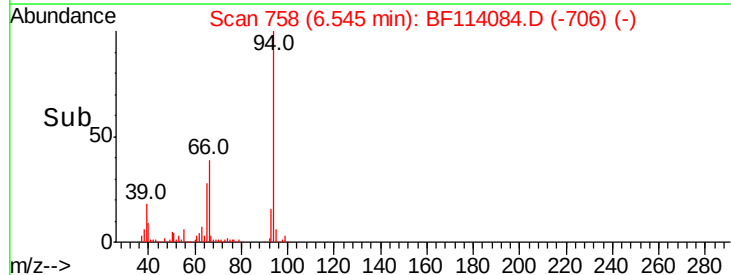
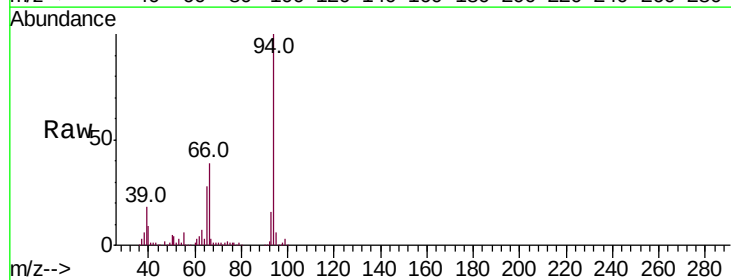
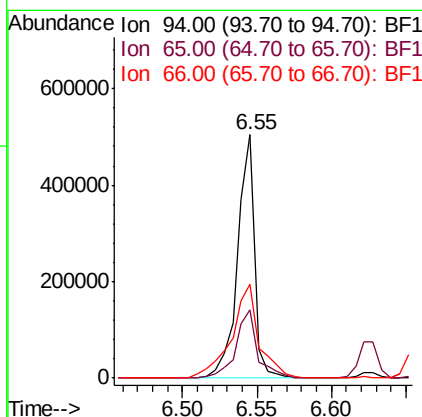
RT: 6.55 min Scan# 758

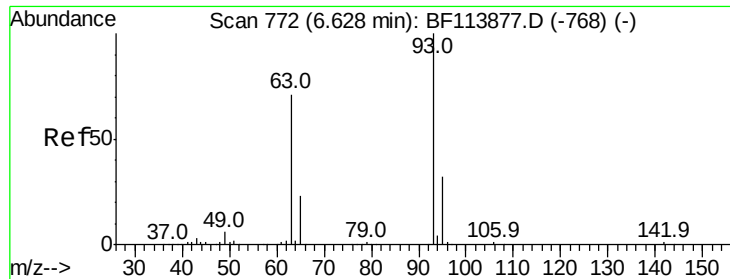
Delta R.T. 0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion: 94 Resp: 406961
 Ion Ratio Lower Upper
 94 100
 65 28.0 8.1 48.1
 66 38.8 16.6 56.6





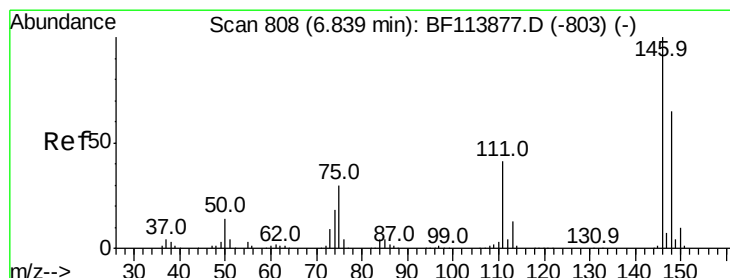
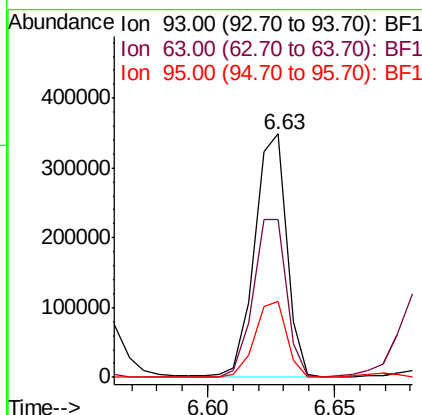
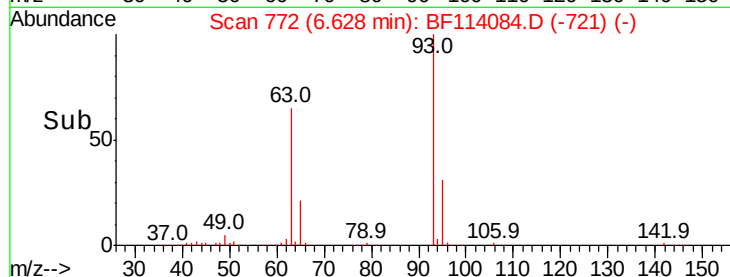
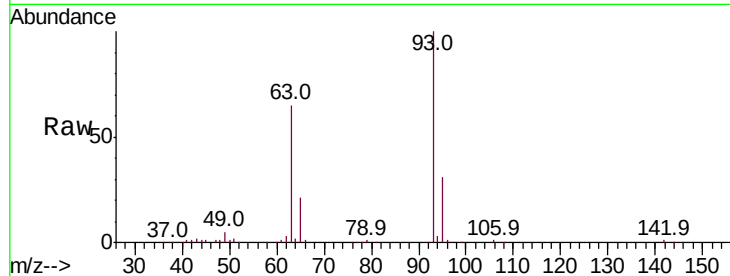
#11
bis(2-Chloroethyl)ether
Concen: 57.313 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	93	Ratio	100	Resp	309708
Ion	93	100		Lower	Upper
	63	64.6		50.7	90.7
	95	31.3		12.3	52.3

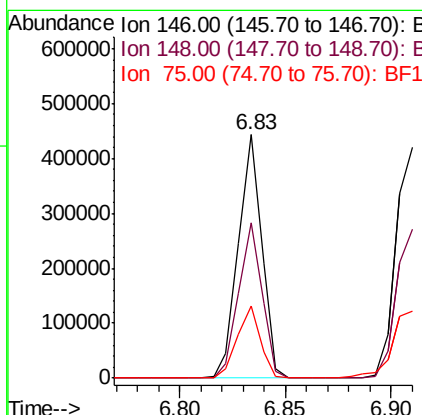
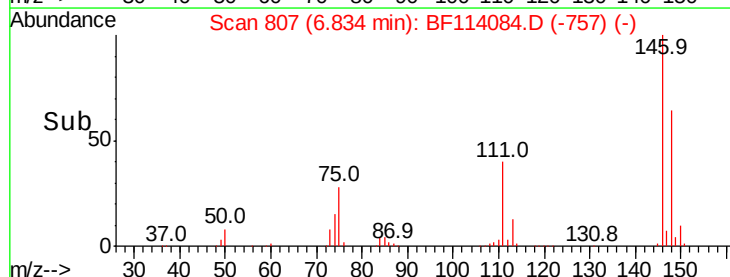
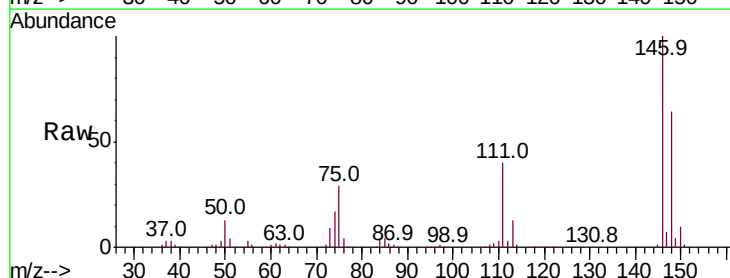
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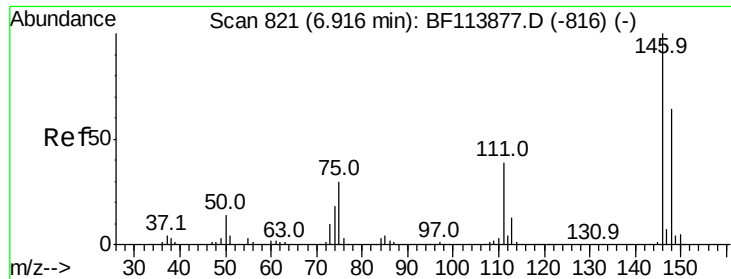
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#12
1,3-Dichlorobenzene
Concen: 54.989 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	146	Ratio	100	Resp	340345
Ion	146	100		Lower	Upper
	148	63.5		51.0	76.6
	75	29.4		23.8	35.8





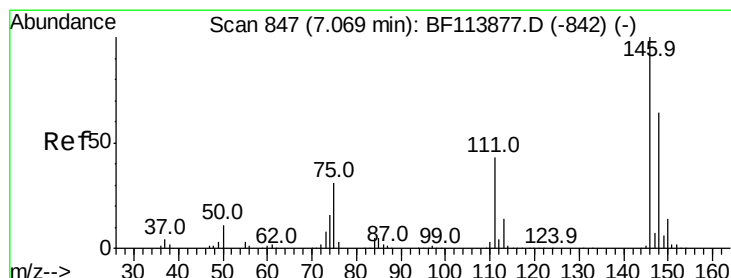
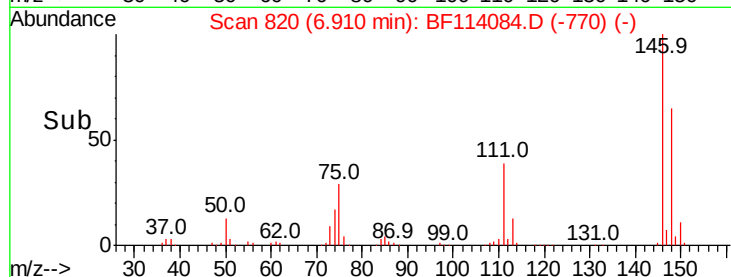
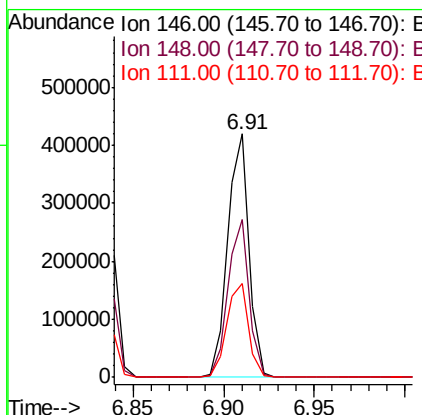
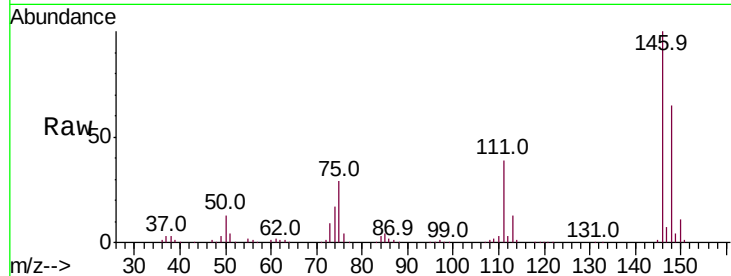
#13
 1,4-Dichlorobenzene
 Concen: 55.341 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	38.8	30.9	46.3

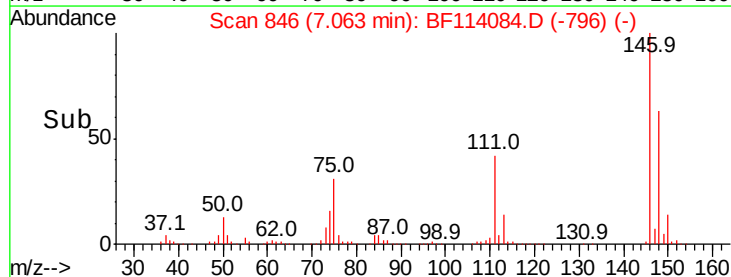
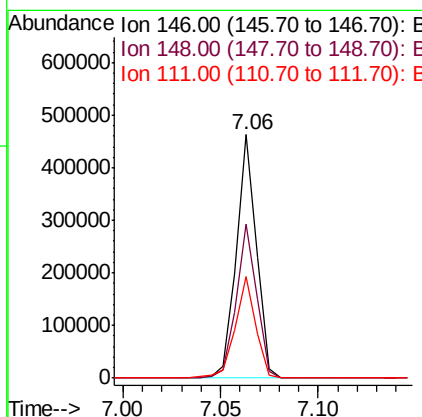
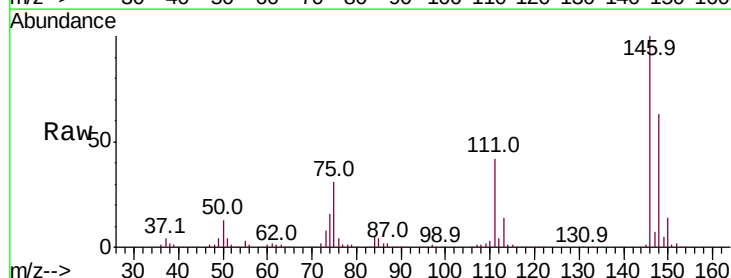
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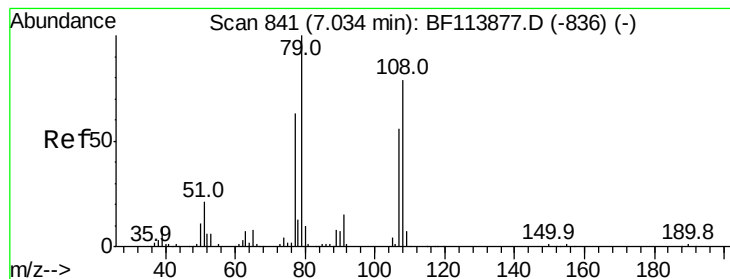
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 57.625 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
111	41.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 74.539 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

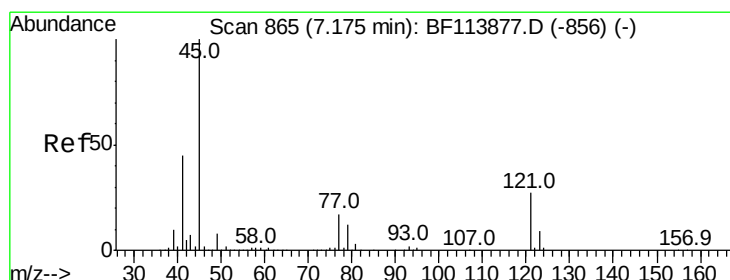
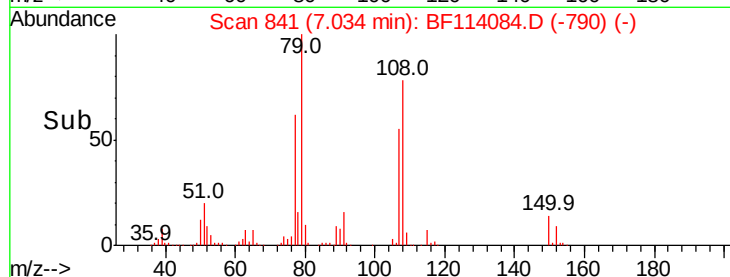
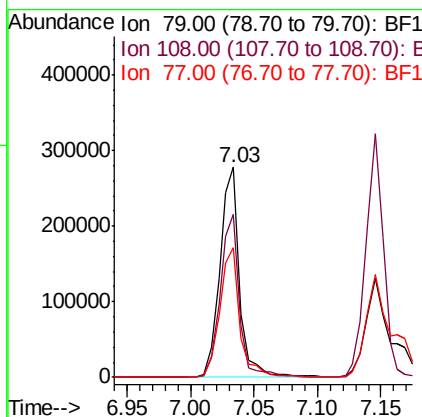
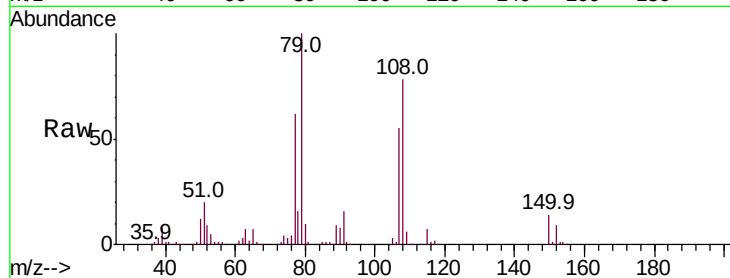
ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:	79	Resp:	301481
Ion Ratio	Lower	Upper	
79	100		
108	77.6	61.4	92.0
77	61.7	51.6	77.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.090 ng

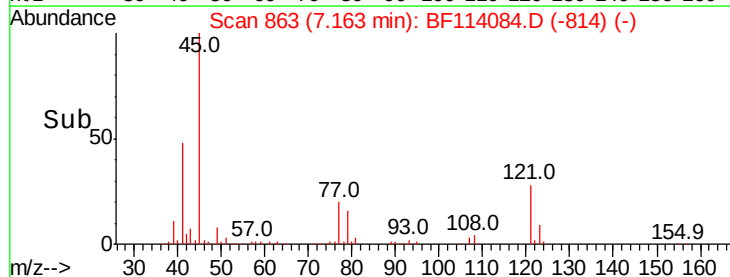
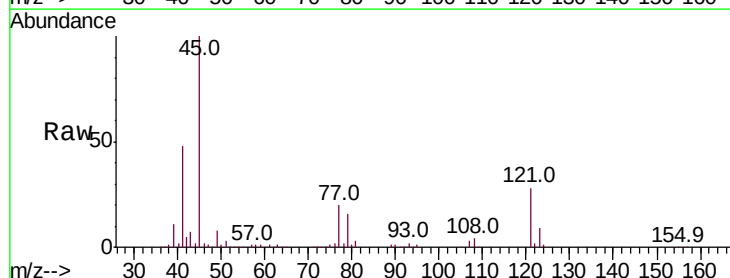
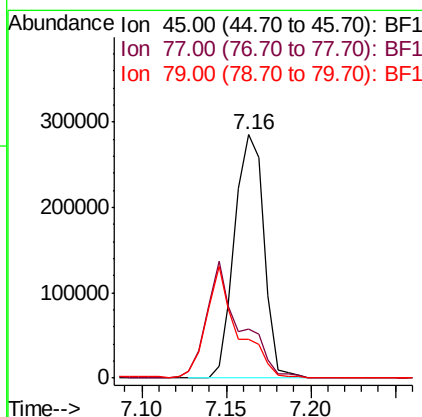
RT: 7.16 min Scan# 863

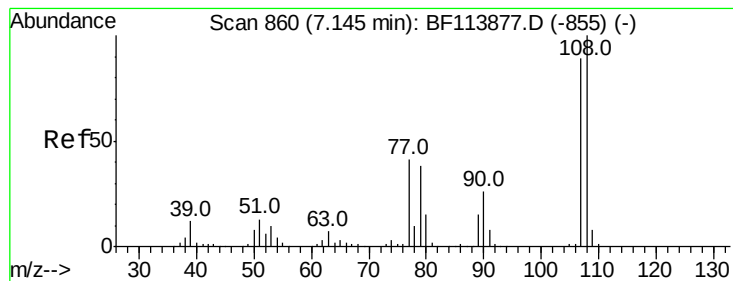
Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:	45	Resp:	347512
Ion Ratio	Lower	Upper	
45	100		
77	20.1	0.0	37.0
79	15.8	0.0	32.7





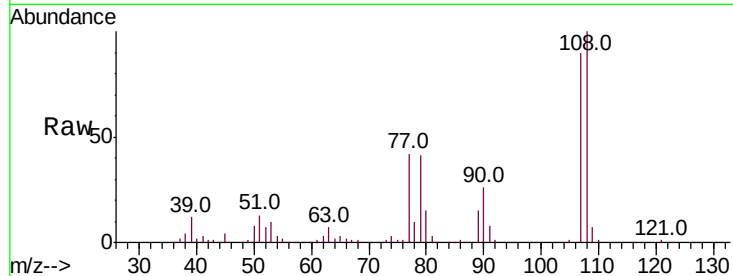
#17
2-Methylphenol
Concen: 57.768 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	91.5	137.3	
77	47.1	36.2	54.4	
79	45.3	35.4	53.0	

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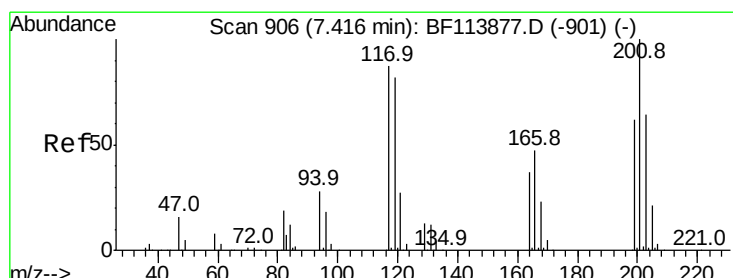
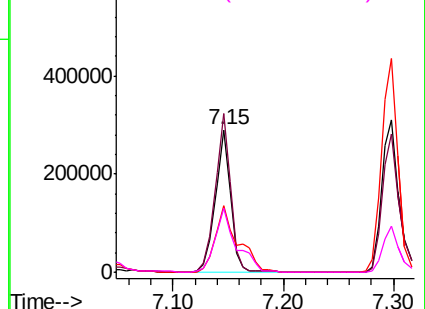
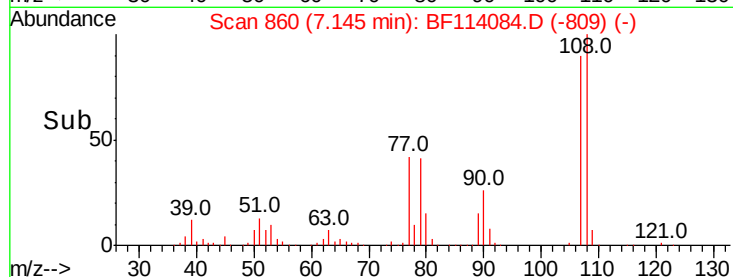
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

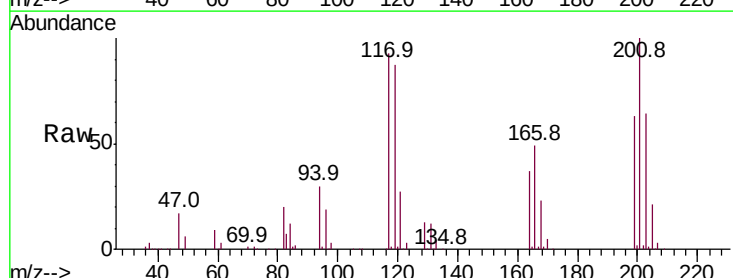
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 54.973 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	74.4	111.6	
201	107.4	90.2	135.2	

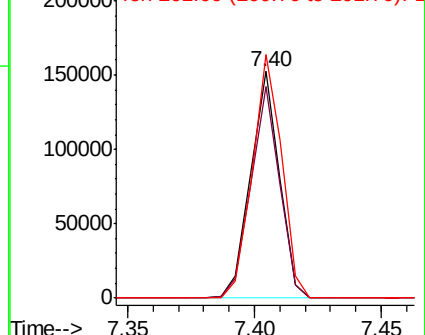
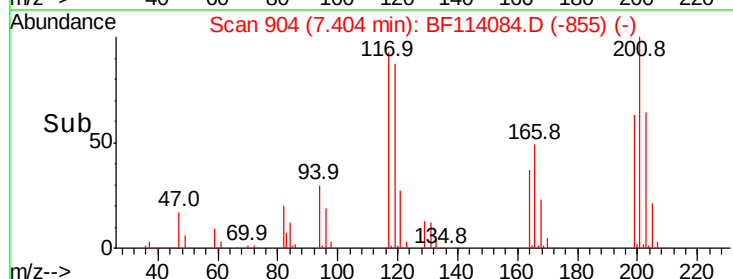


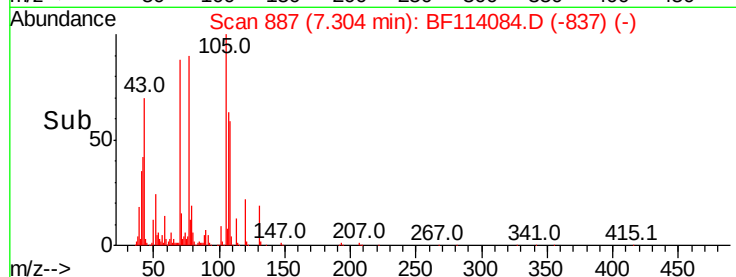
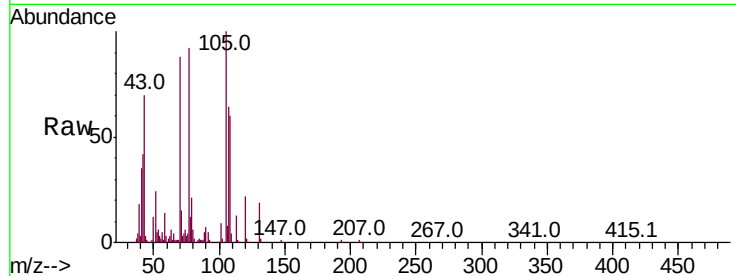
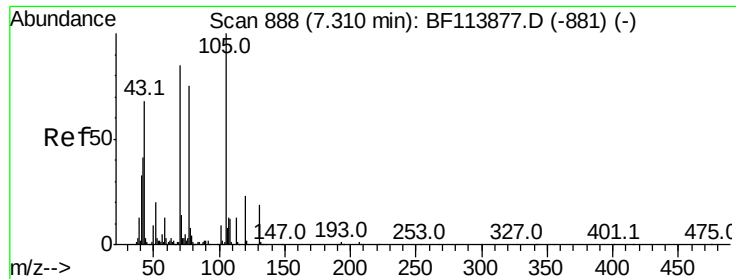
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





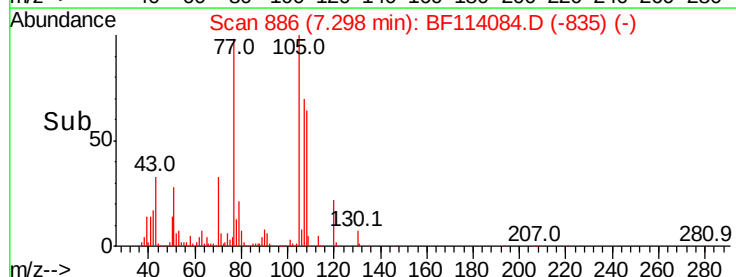
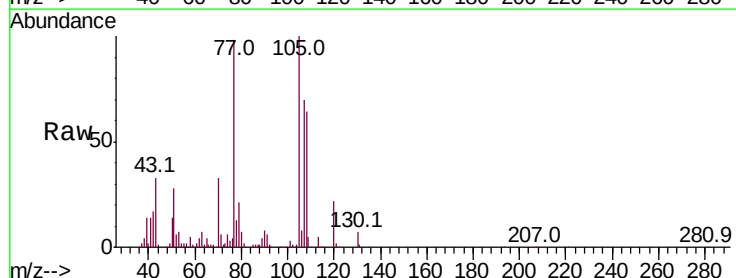
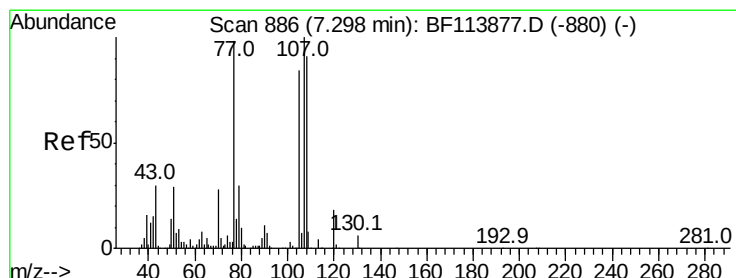
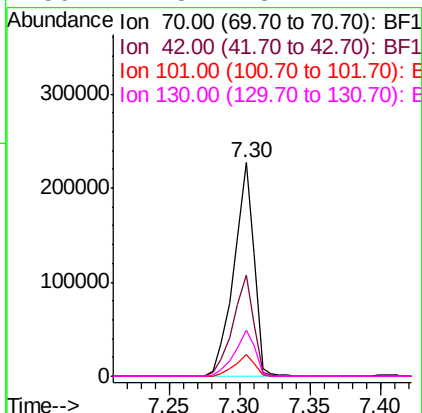
#19
n-Nitroso-di-n-propylamine
Concen: 57.805 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	37.3	55.9
101	10.1	7.8	11.8
130	21.8	18.2	27.2

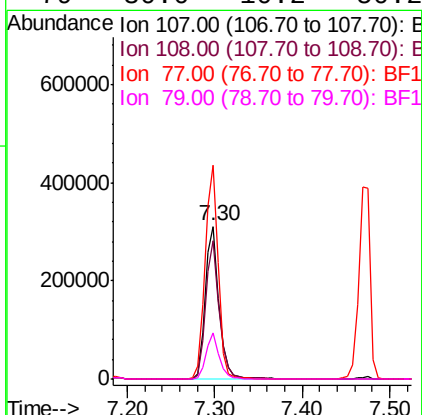
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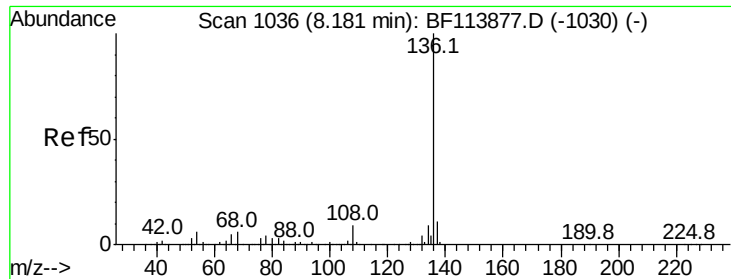
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#20
3+4-Methylphenols
Concen: 62.475 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.1	110.1
77	139.7	52.9	92.9#
79	30.0	10.2	50.2





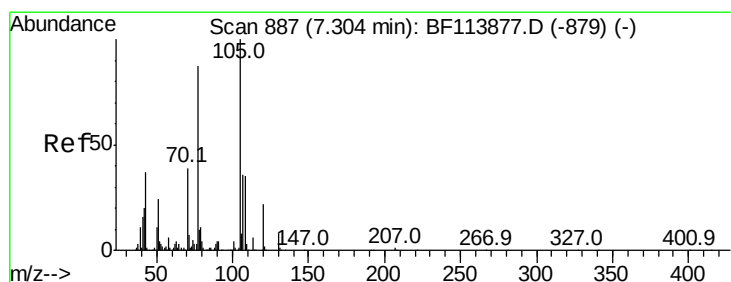
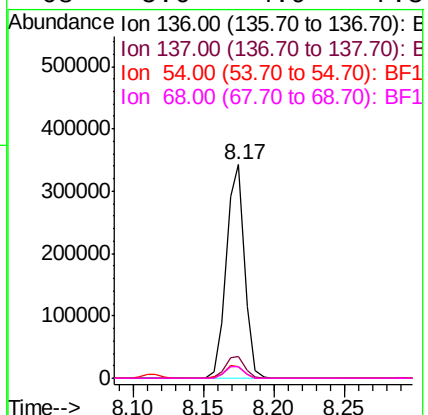
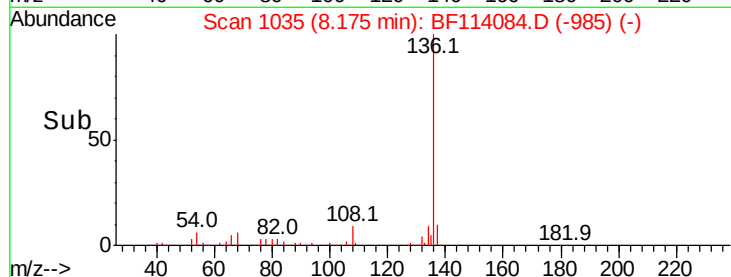
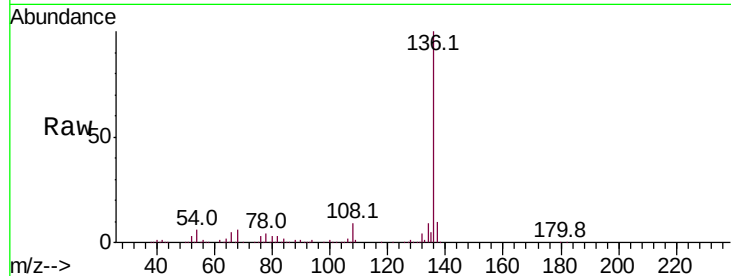
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		304855		
137	10.5	8.6	12.8		
54	5.6	5.0	7.6		
68	5.6	4.9	7.3		

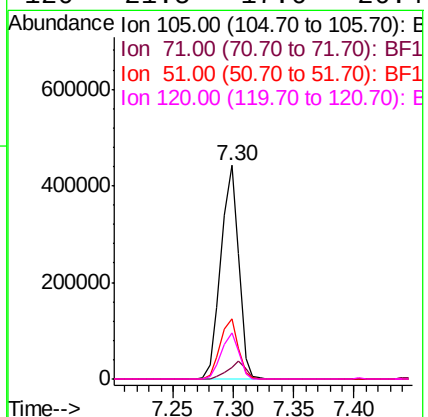
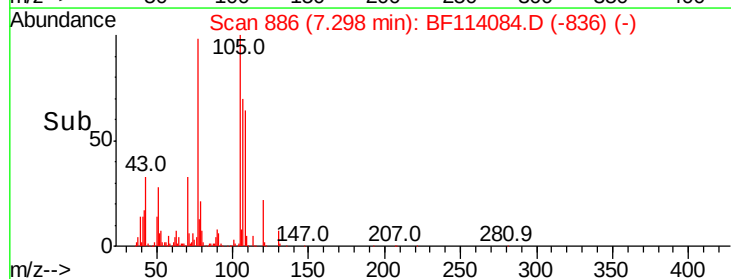
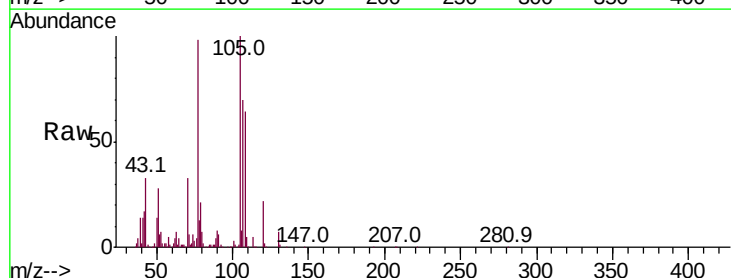
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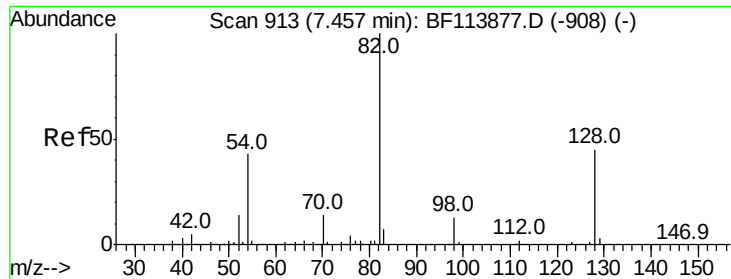
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#22
Acetophenone
Concen: 66.426 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		450637		
71	5.6	6.1	9.1#		
51	28.3	16.8	25.2#		
120	21.5	17.6	26.4		





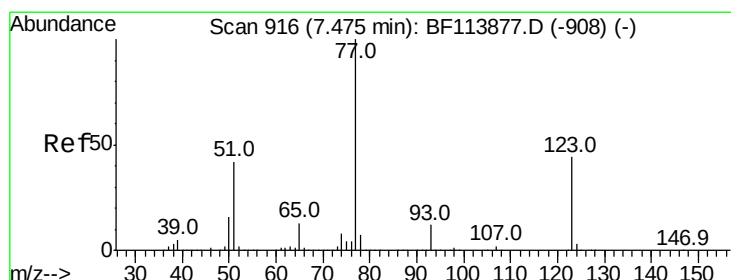
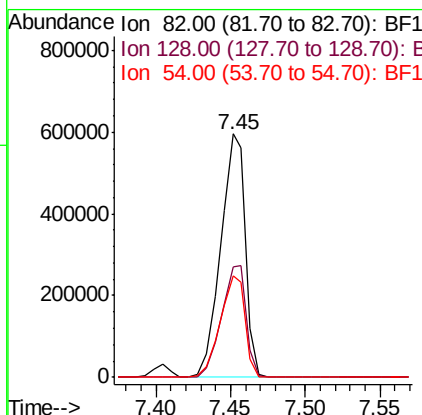
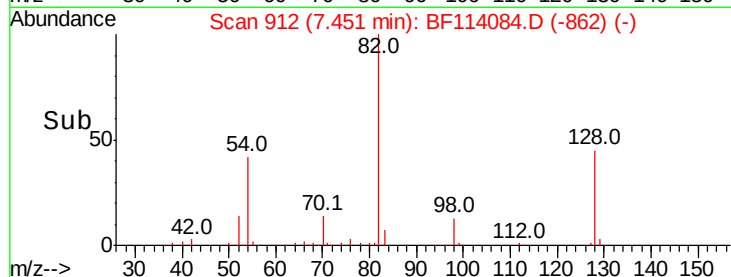
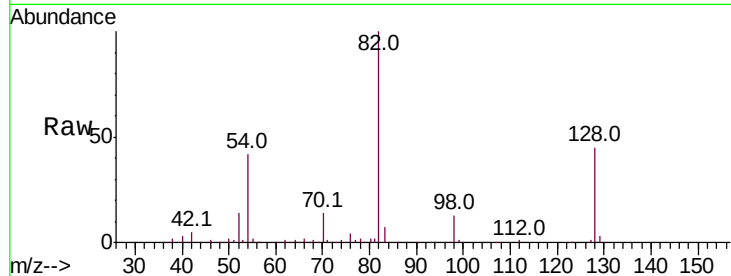
#23
 Nitrobenzene-d5
 Concen: 140.092 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.8	55.2
54	41.7	33.8	50.6

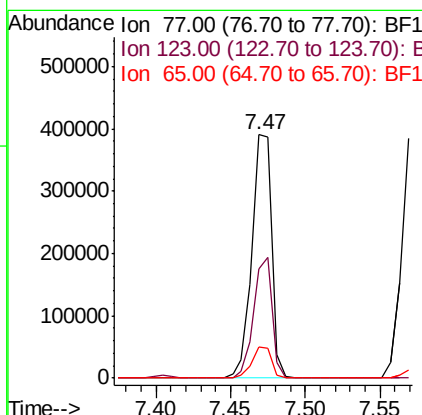
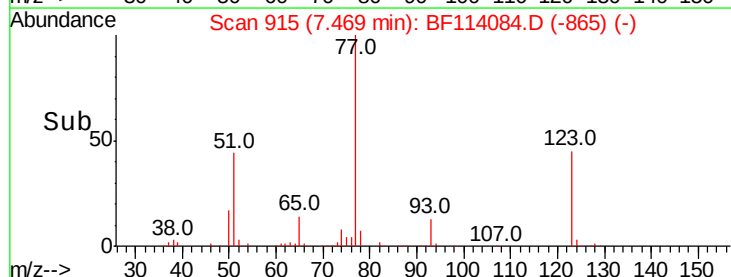
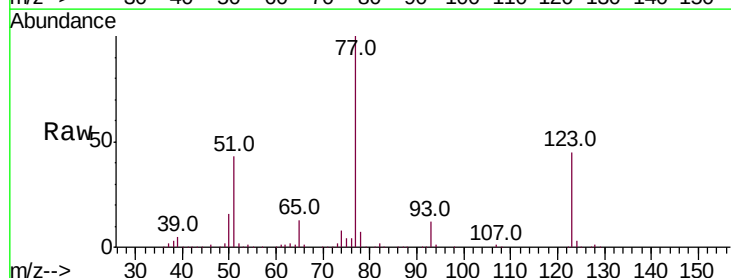
Manual Integrations
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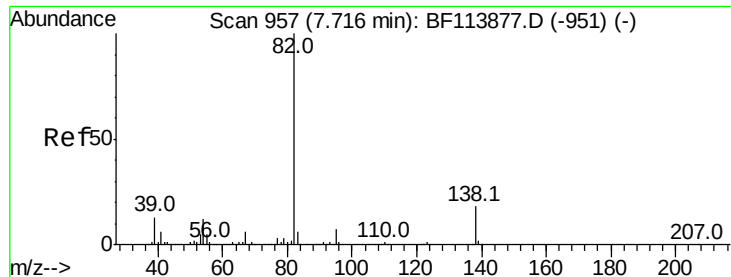
Sohil
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#24
 Nitrobenzene
 Concen: 65.196 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	36.3	54.5
65	13.0	10.3	15.5





#25

Isophorone

Concen: 60.812 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

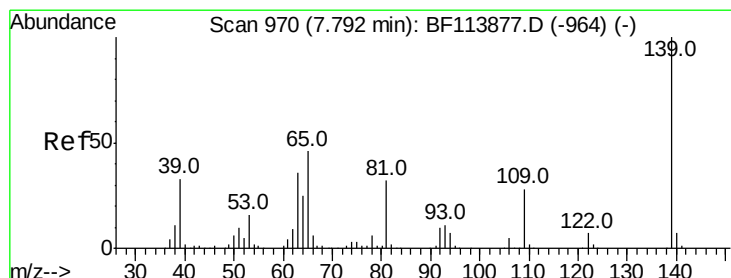
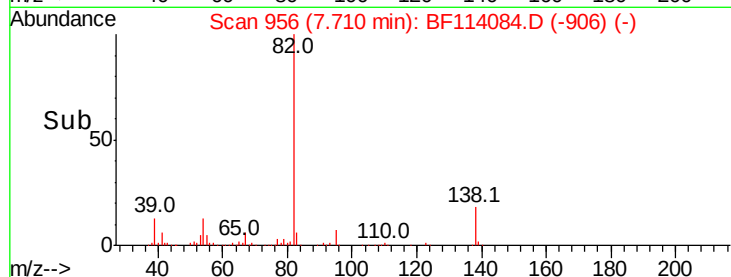
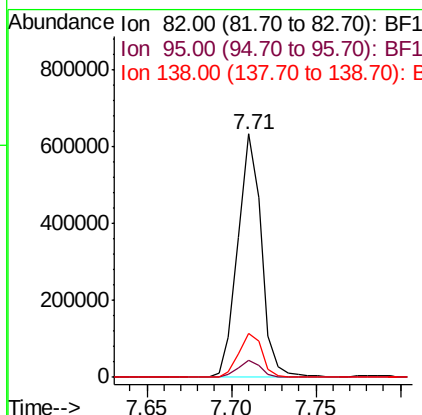
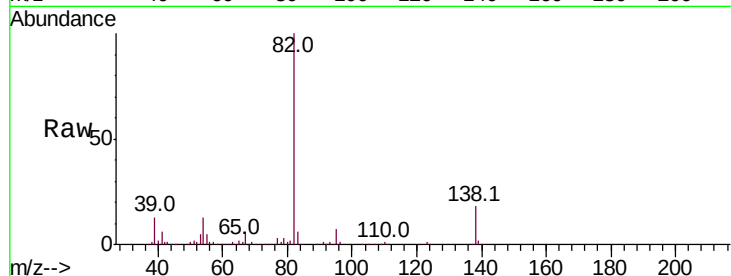
ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:	82	Resp:	614364
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.1	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 73.967 ng

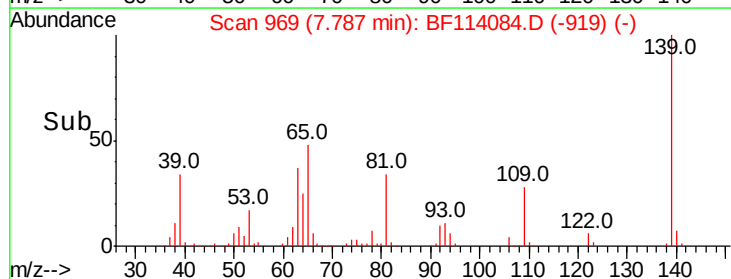
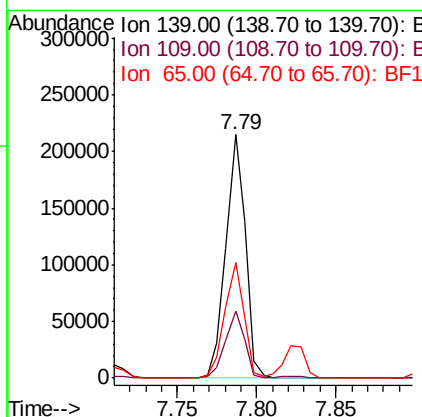
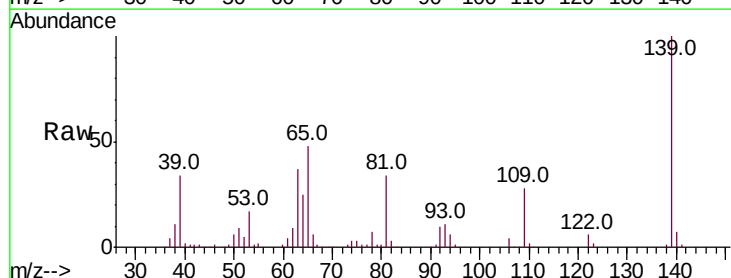
RT: 7.79 min Scan# 969

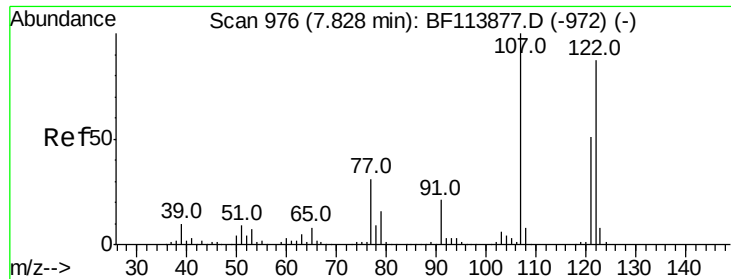
Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:	139	Resp:	184094
Ion Ratio	Lower	Upper	
139	100		
109	27.7	20.6	31.0
65	47.8	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 71.091 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

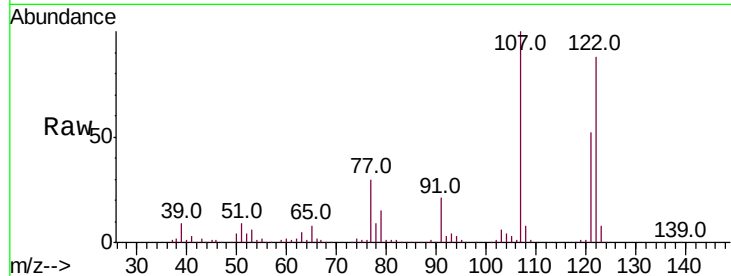
ClientSampleId :

SSSI-0419-S-DH-8MSD

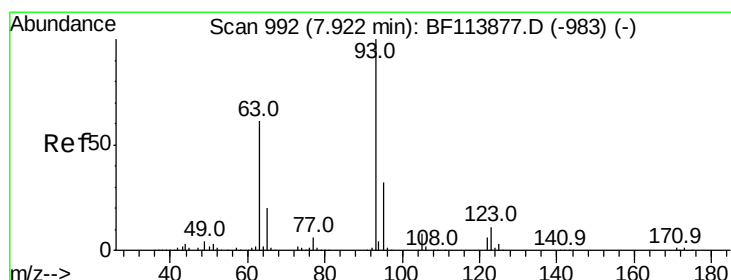
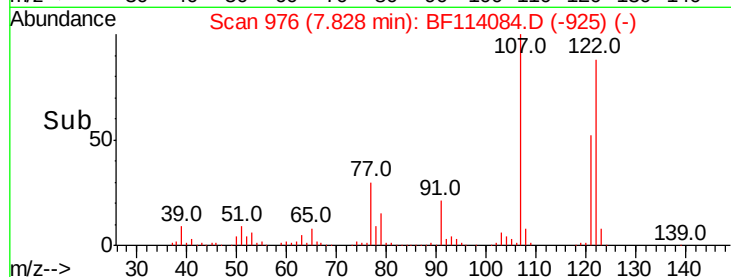
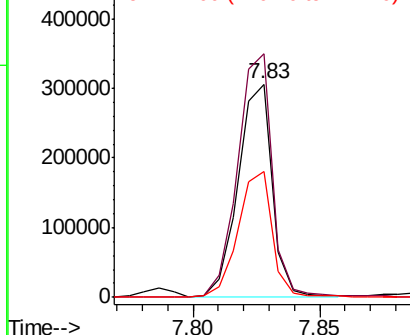
Tot Ion	122	Resp	288278
Ion Ratio	Lower	Upper	
122	100		
107	114.1	91.2	136.8
121	59.2	46.4	69.6

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5/3/2019 4:32:58 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 60.948 ng

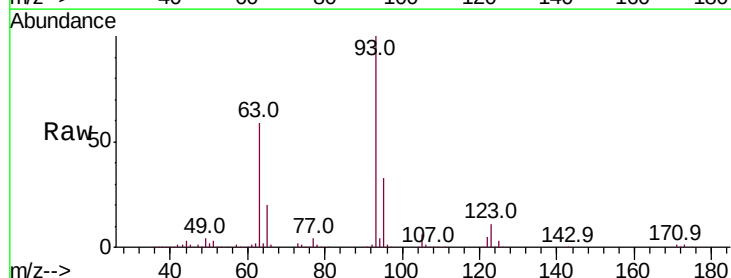
RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

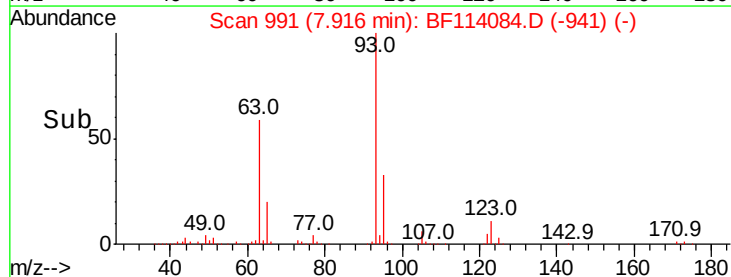
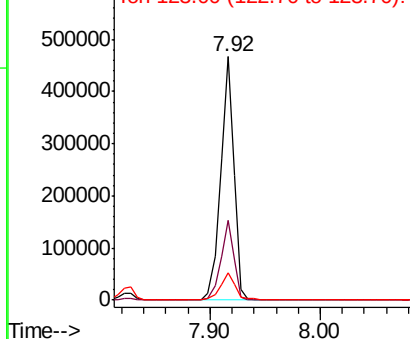
Lab File: BF114084.D

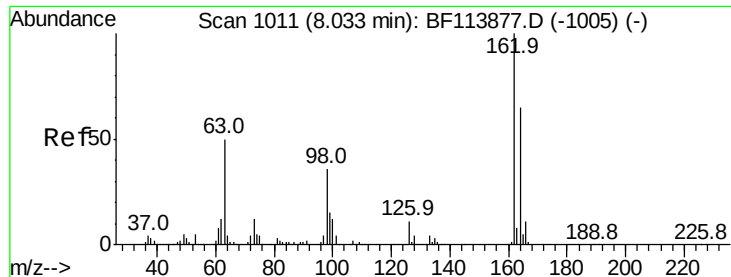
Acq: 2 May 2019 14:21

Tgt Ion	93	Resp	392364
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.8	38.6
123	11.2	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





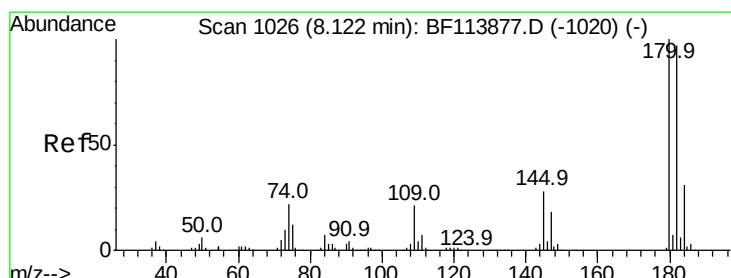
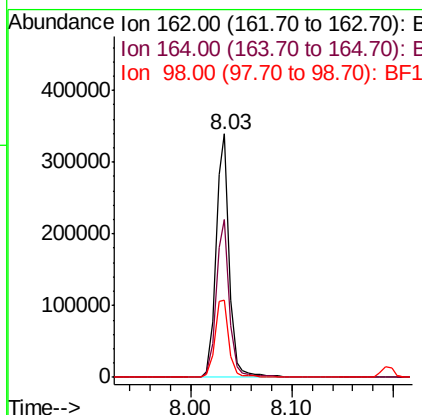
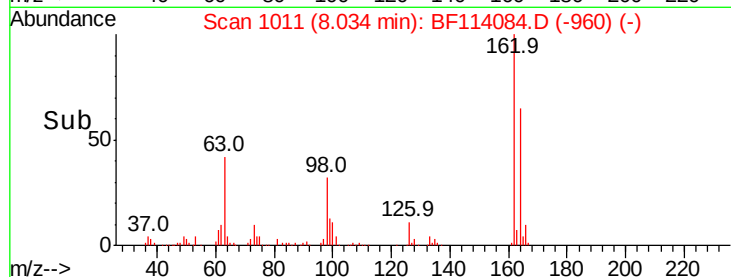
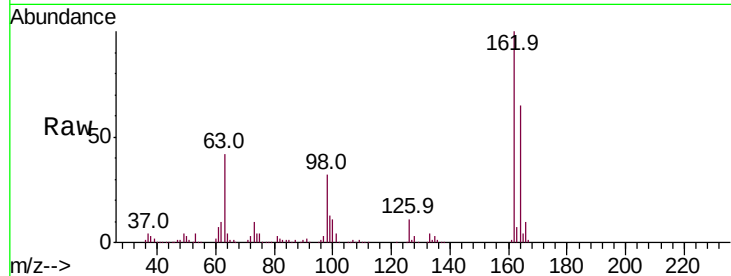
#29
2,4-Dichlorophenol
Concen: 66.534 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	308523		
164	64.6	43.7	83.7	
98	31.8	15.5	55.5	

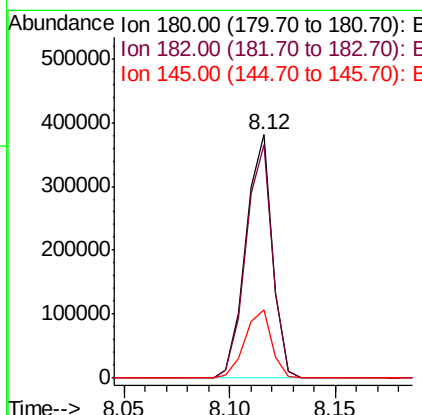
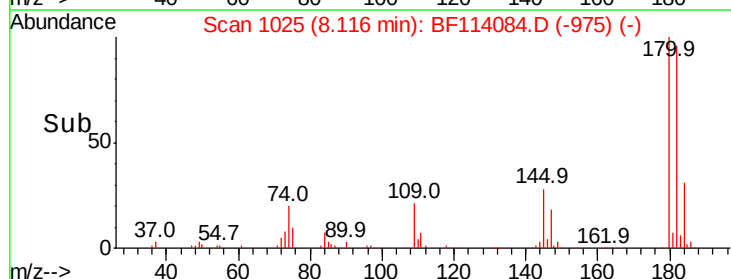
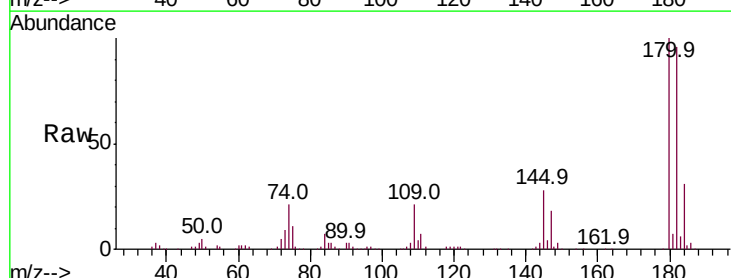
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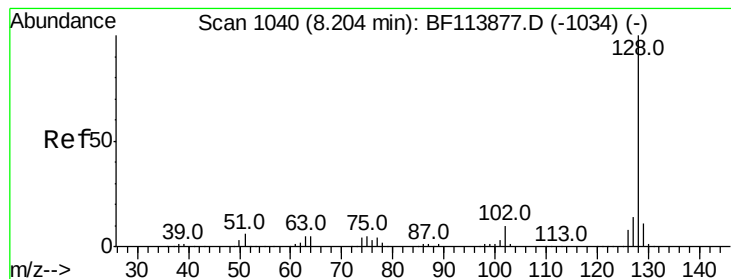
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 64.312 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	332517		
182	96.1	75.4	113.0	
145	27.8	23.0	34.4	





#31

Naphthalene

Concen: 66.244 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

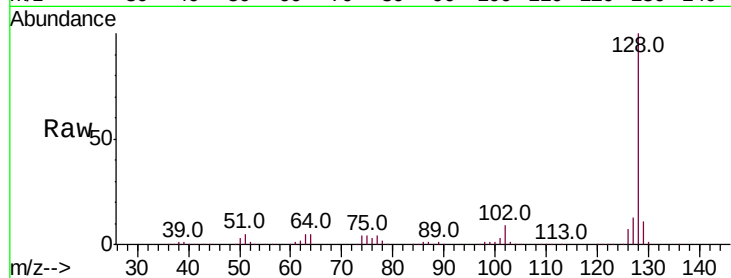
ClientSampleId :

SSSI-0419-S-DH-8MSD

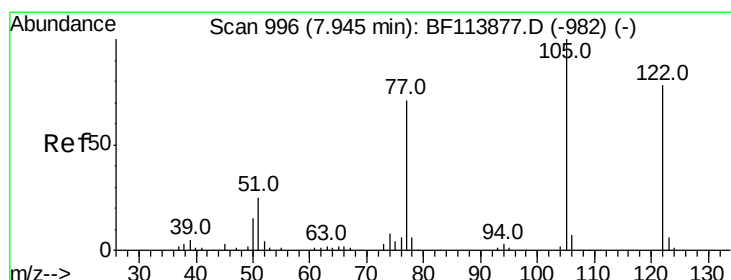
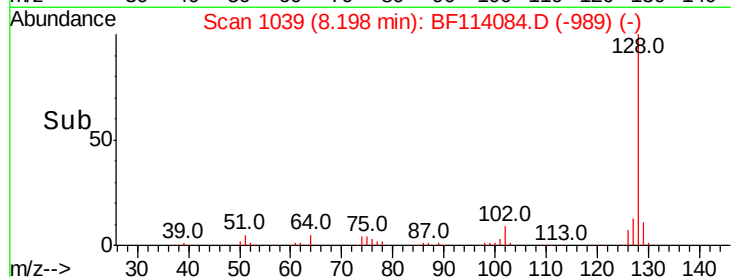
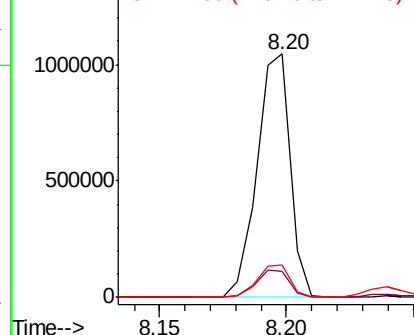
Tot Ion:128	Resp:	959360
Ion Ratio	Lower	Upper
128	100	
129	10.9	9.4 14.0
127	13.2	10.8 16.2

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



#32

Benzoic acid

Concen: 32.674 ng

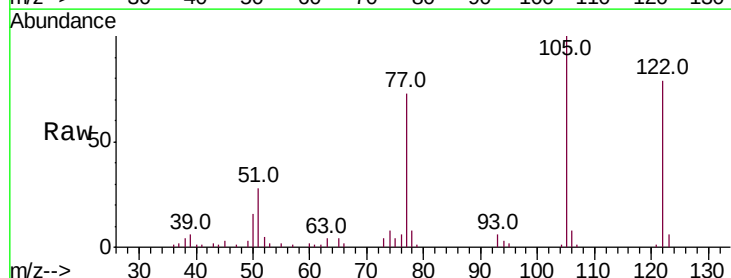
RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

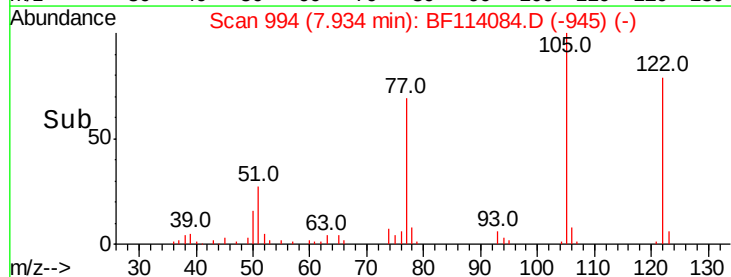
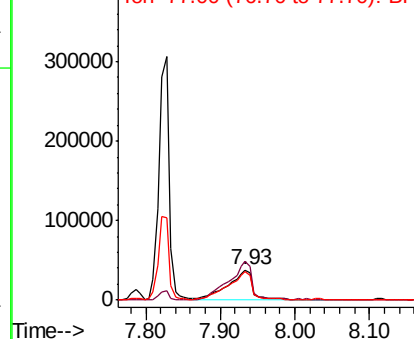
Lab File: BF114084.D

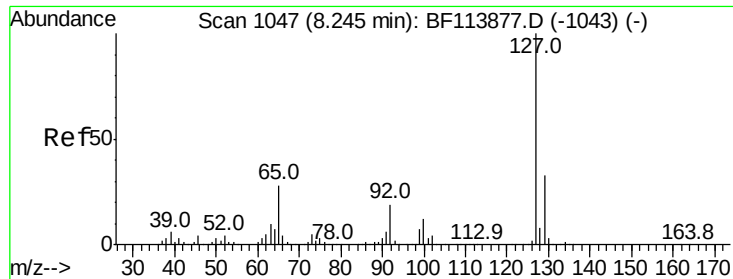
Acq: 2 May 2019 14:21

Tgt Ion:122	Resp:	89477
Ion Ratio	Lower	Upper
122	100	
105	126.8	104.3 144.3
77	93.1	70.4 110.4



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





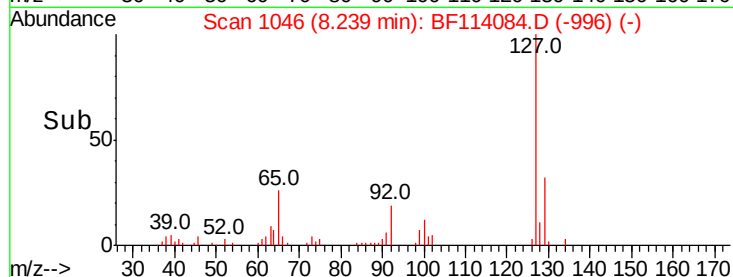
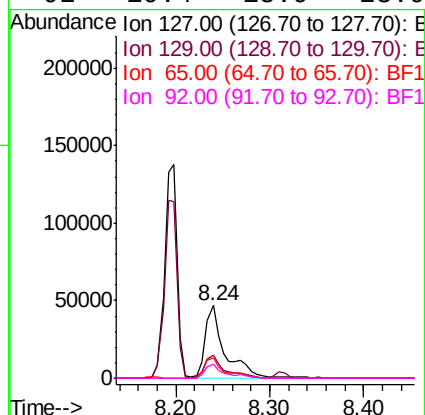
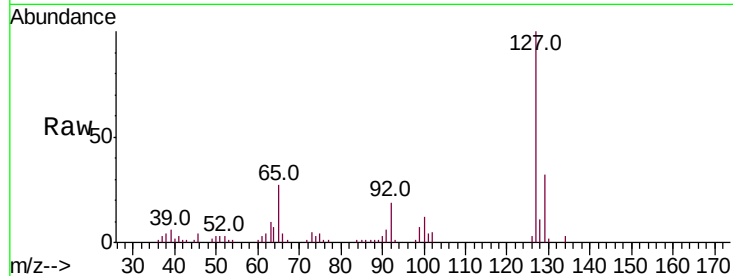
#33
4-Chloroaniline
Concen: 11.276 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	69100		
129	32.2	26.4	39.6	
65	27.3	24.9	37.3	
92	19.4	15.9	23.9	

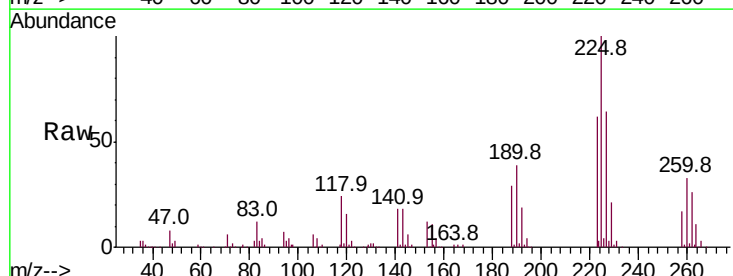
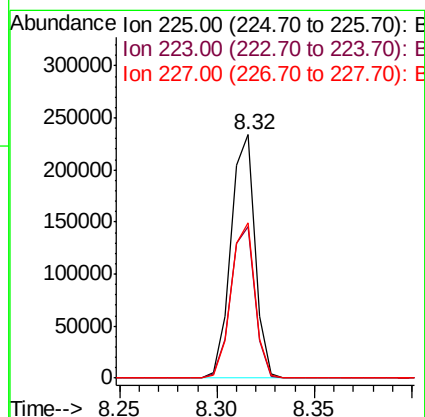
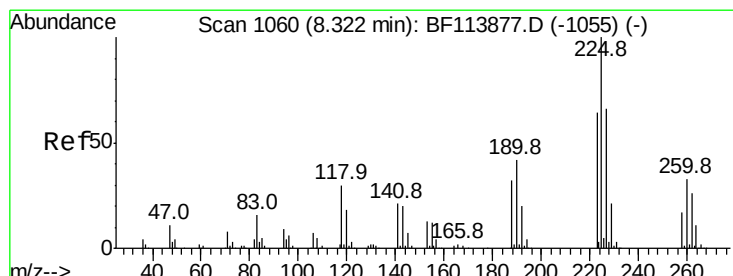
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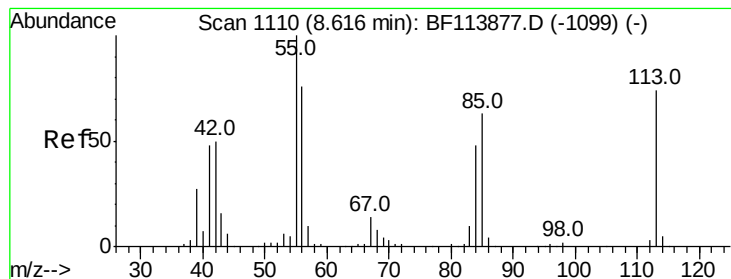
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5/3/2019 4:32:58 PM



#34
Hexachlorobutadiene
Concen: 62.317 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	200857		
223	62.0	51.1	76.7	
227	63.9	49.9	74.9	





#35

Caprolactam

Concen: 66.537 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:113 Resp: 98148

Ion Ratio Lower Upper

113 100

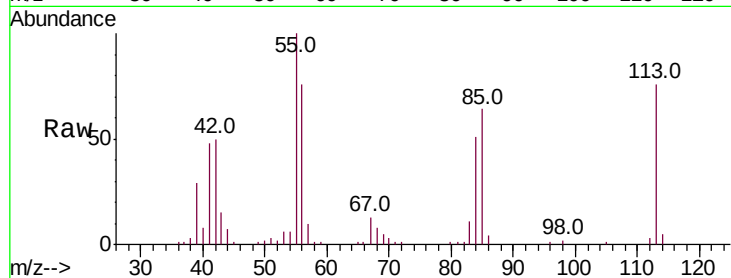
55 131.7 128.6 168.6

56 100.7 91.9 131.9

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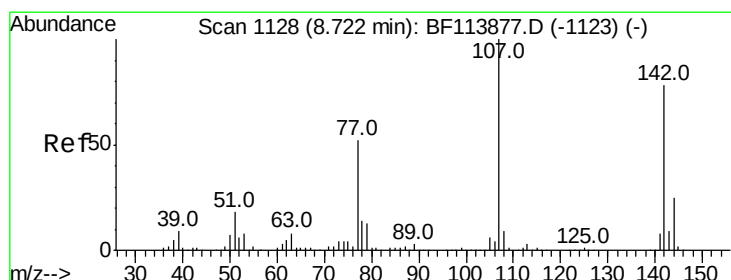
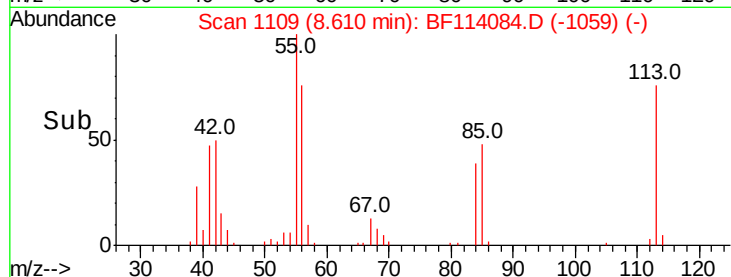
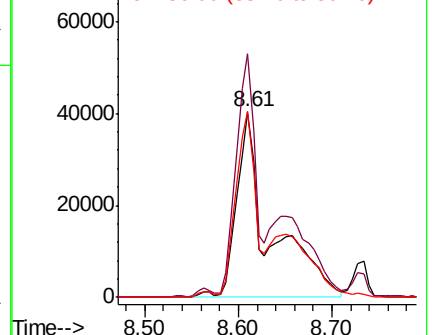
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 60.916 ng/mL

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

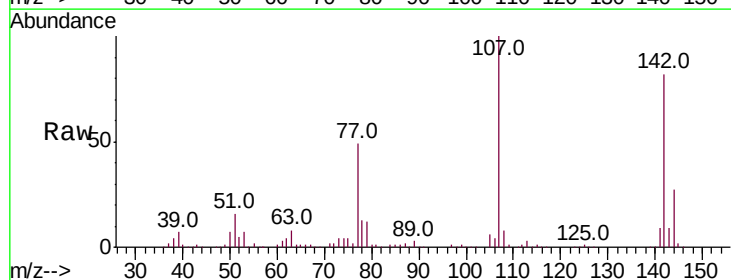
Tgt Ion:107 Resp: 279851

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

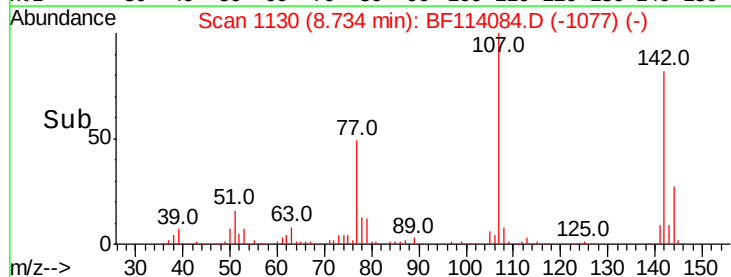
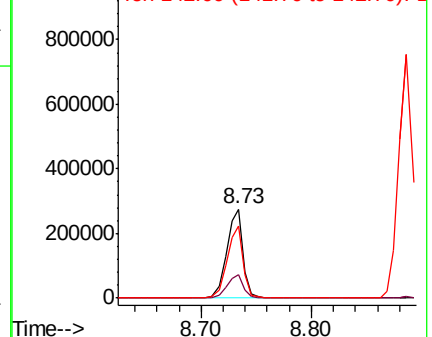
142 81.5 64.2 96.4

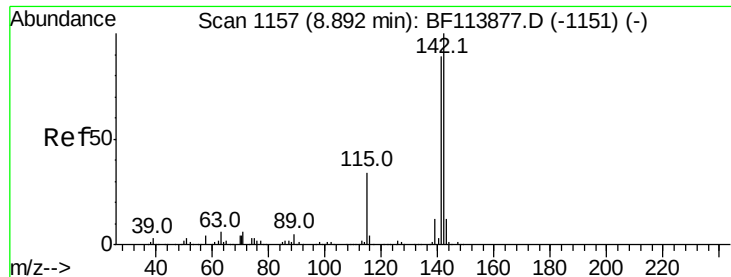


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





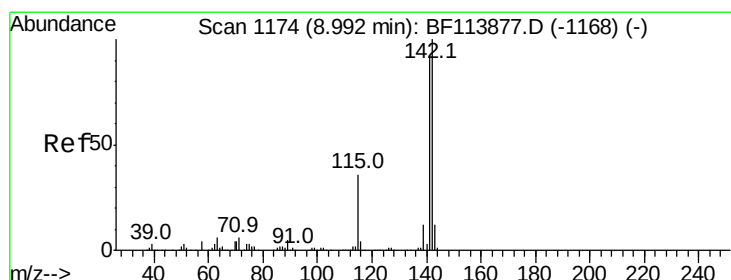
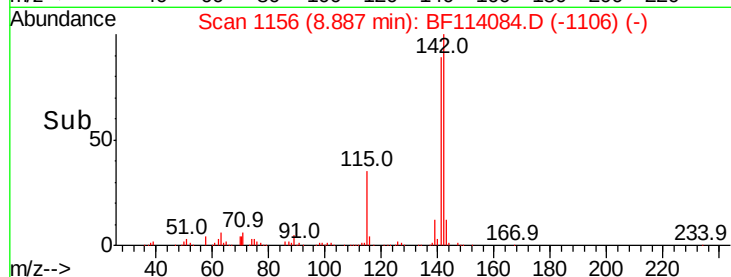
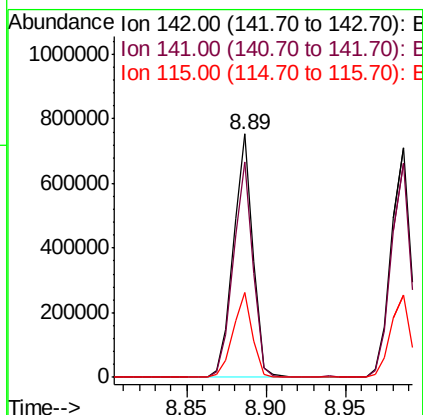
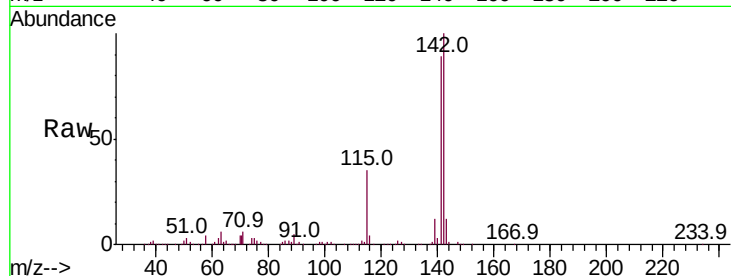
#37
2-Methylnaphthalene
Concen: 65.952 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	34.7	26.3	39.5

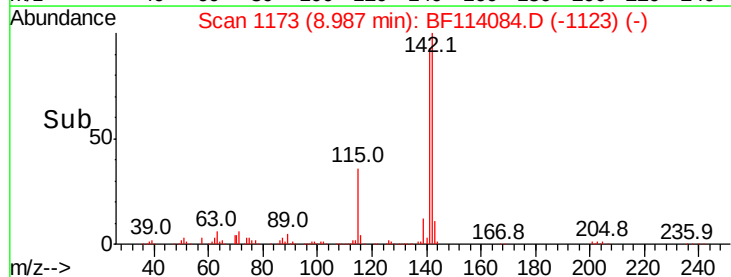
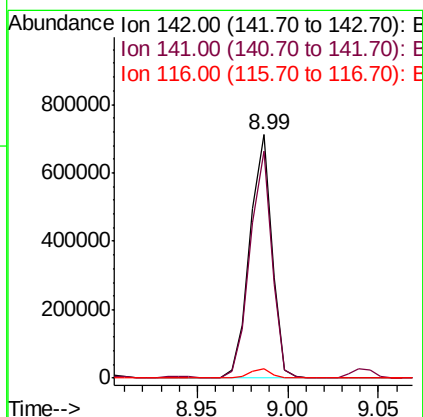
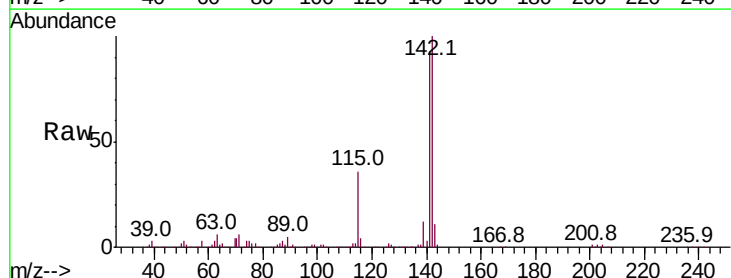
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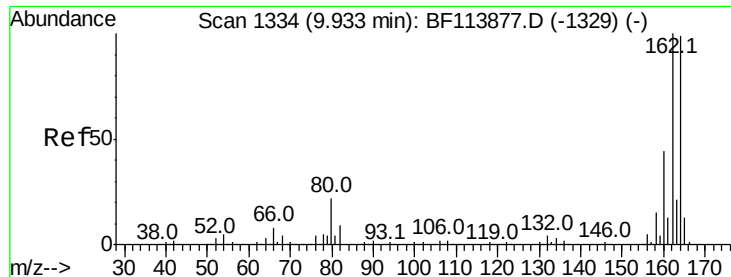
Sohil
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#38
1-Methylnaphthalene
Concen: 63.899 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5
116	3.7	3.0	4.4





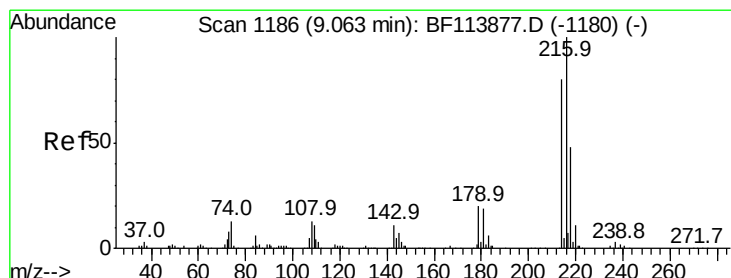
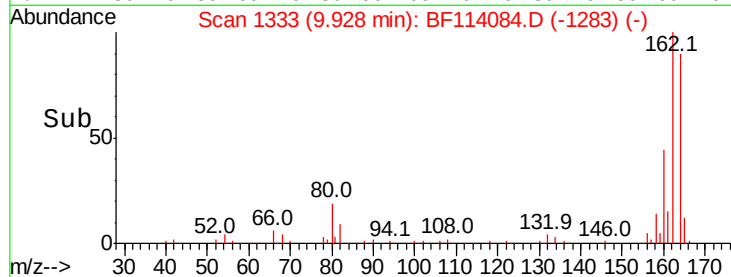
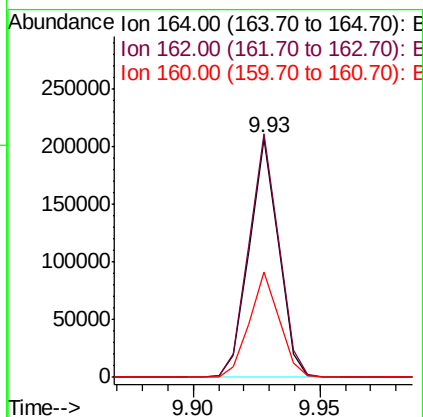
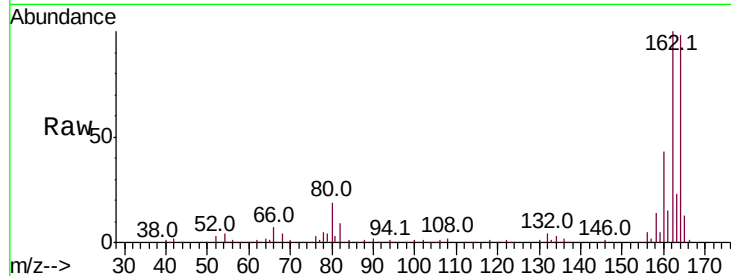
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.1	121.7
160	44.2	35.8	53.6

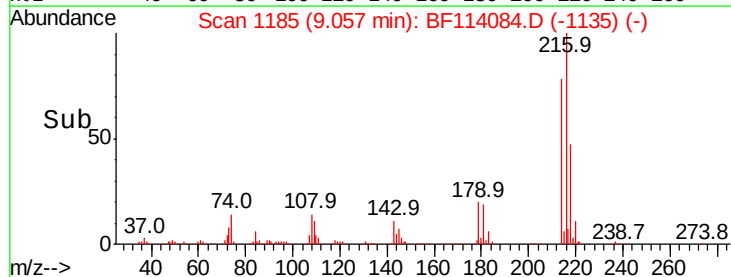
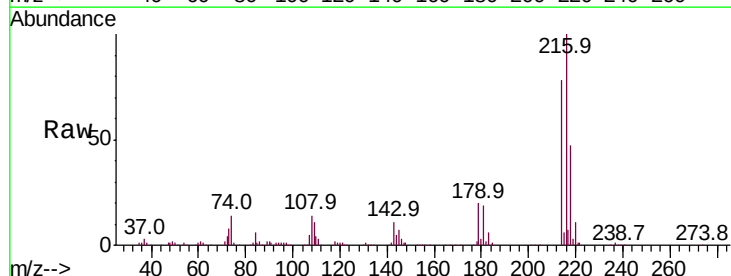
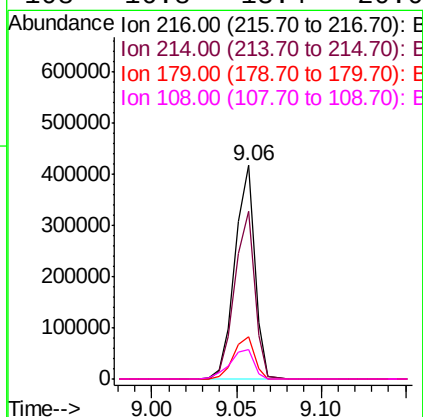
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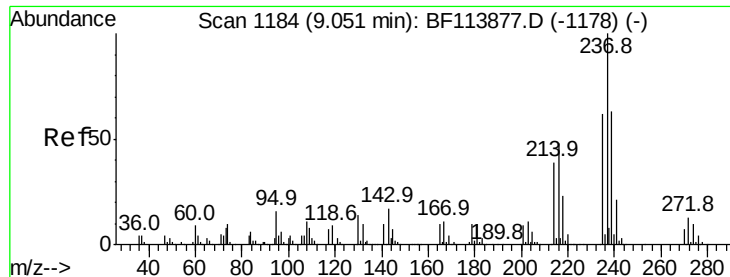
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.058 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	20.6	16.1	24.1
108	16.8	13.4	20.0





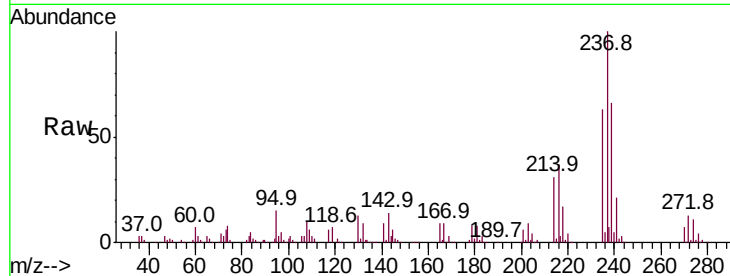
#41
Hexachlorocyclopentadiene
Concen: 77.000 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

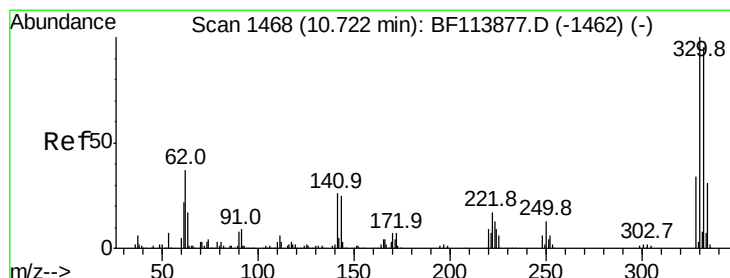
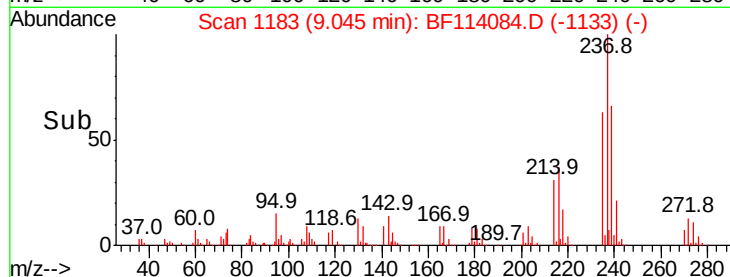
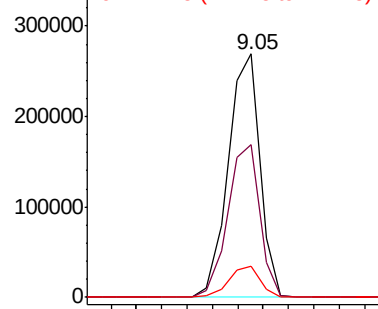
Tot Ion	Ratio	Resp	Lower	Upper
237	100	235196		
235	62.7	42.6	82.6	
272	12.6	0.0	33.8	

Manual Integrations
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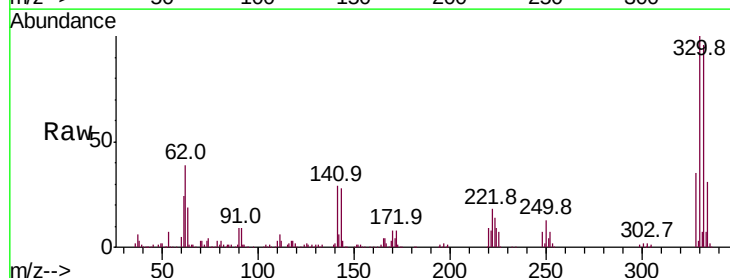


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

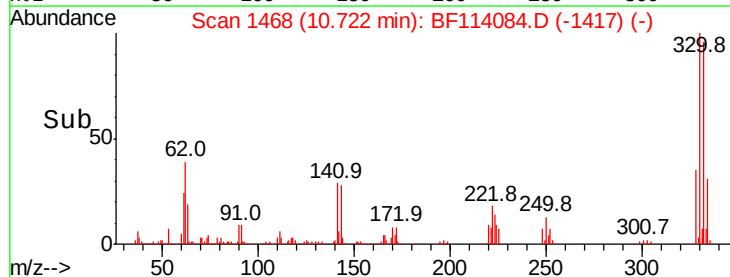
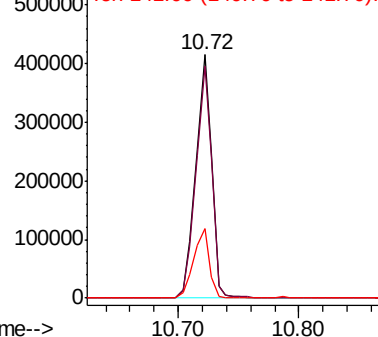


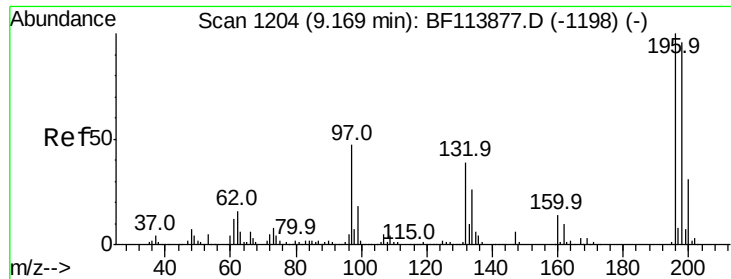
#42
2,4,6-Tribromophenol
Concen: 183.923 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	377819		
332	96.1	77.5	116.3	
141	28.2	22.2	33.2	



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





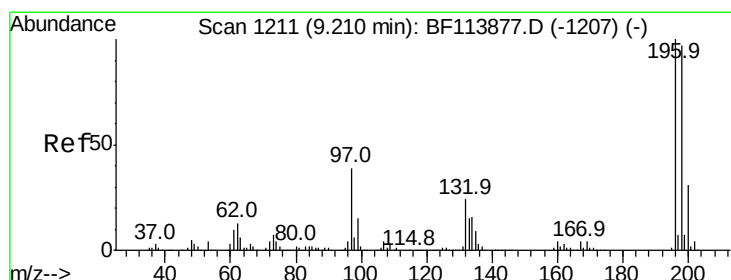
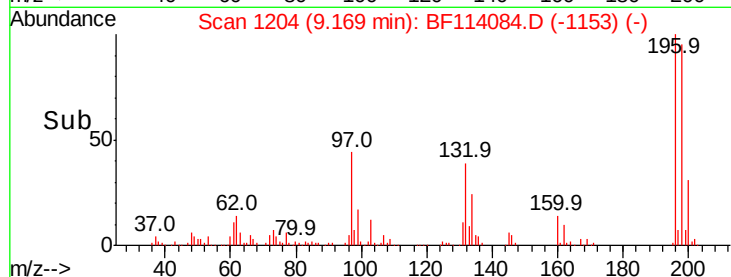
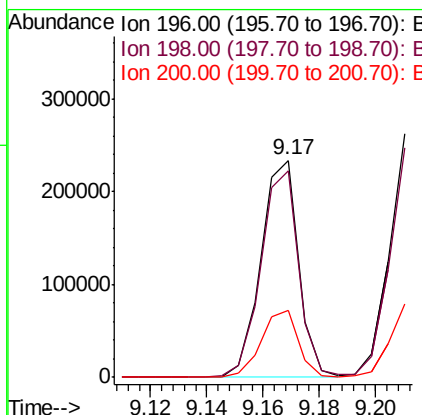
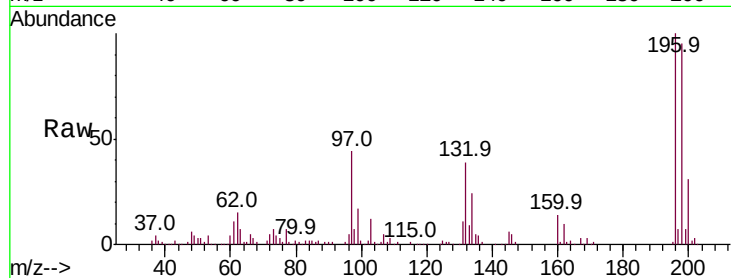
#43
 2,4,6-Trichlorophenol
 Concen: 62.294 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216672		
198	94.9	75.6	113.4	
200	30.9	24.7	37.1	

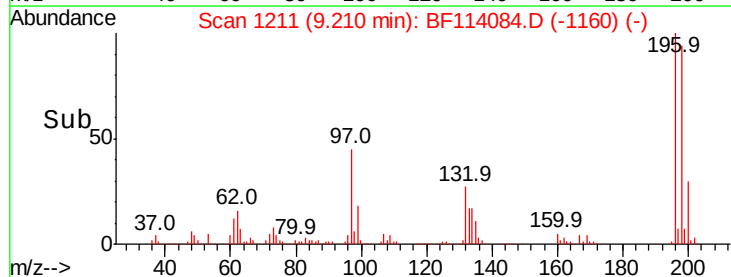
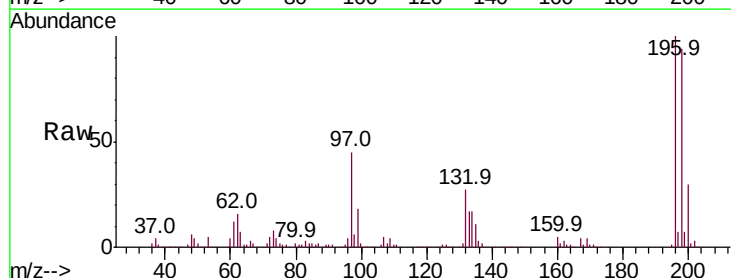
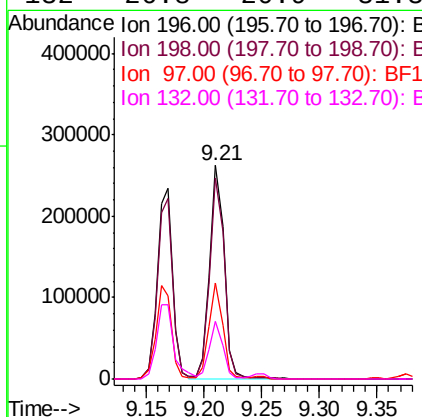
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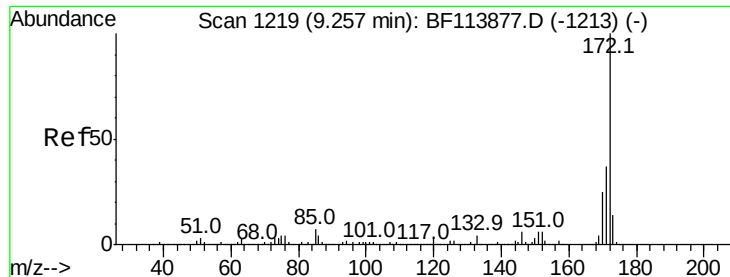
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#44
 2,4,5-Trichlorophenol
 Concen: 59.506 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232153		
198	94.3	76.2	114.4	
97	45.0	35.8	53.8	
132	26.8	20.9	31.3	





#45

2-Fluorobiphenyl

Concen: 117.383 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:172 Resp: 1265576

Ion Ratio Lower Upper

172 100

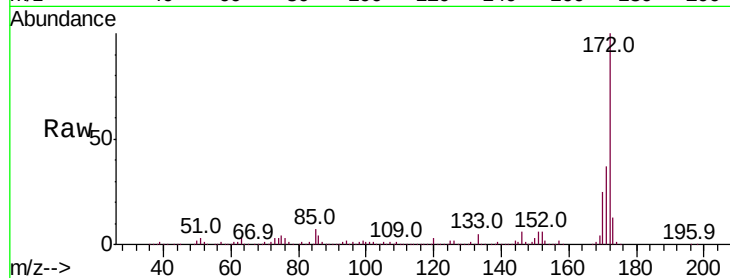
171 36.9 29.4 44.0

170 24.7 19.9 29.9

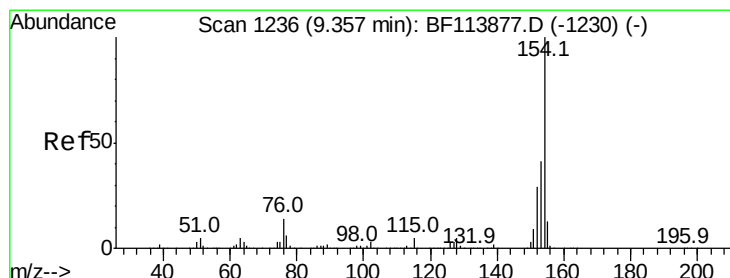
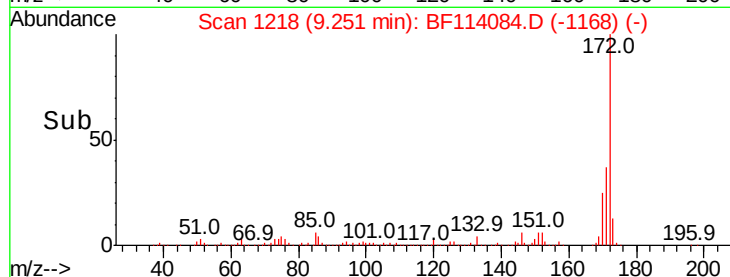
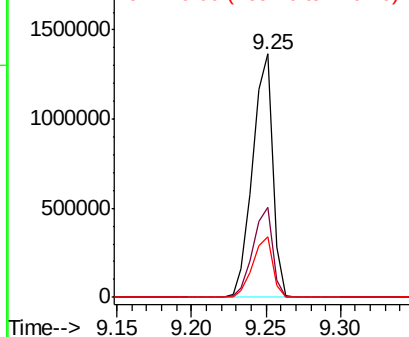
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 59.761 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

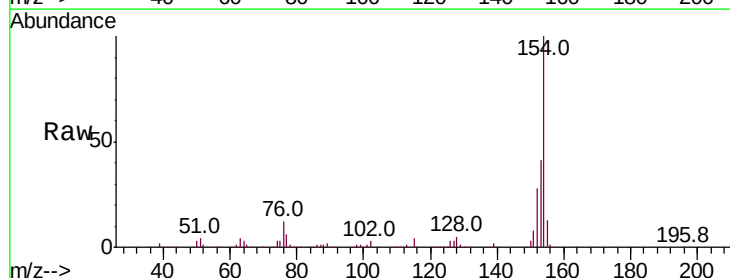
Tgt Ion:154 Resp: 769831

Ion Ratio Lower Upper

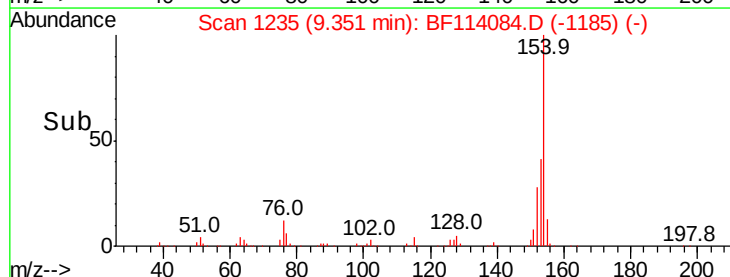
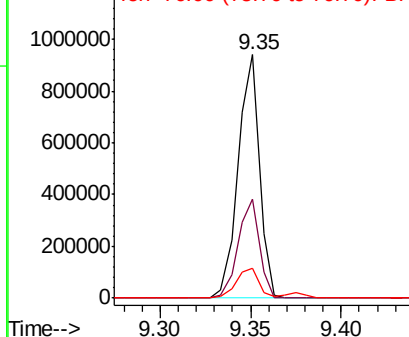
154 100

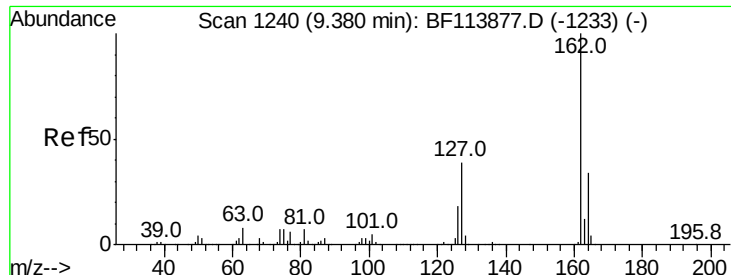
153 40.5 20.8 60.8

76 12.2 0.0 35.2



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





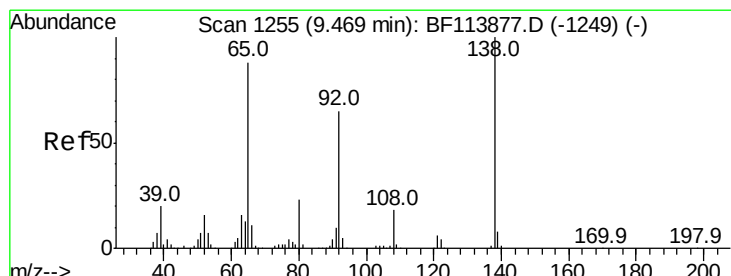
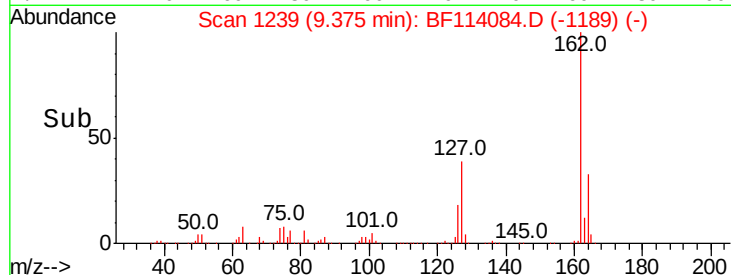
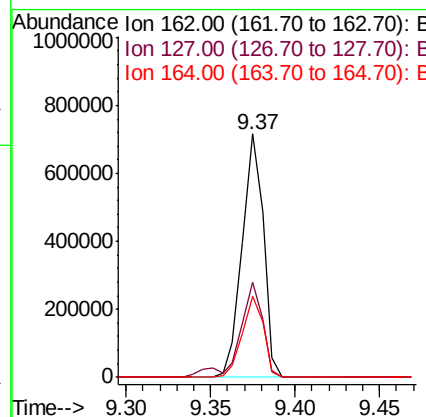
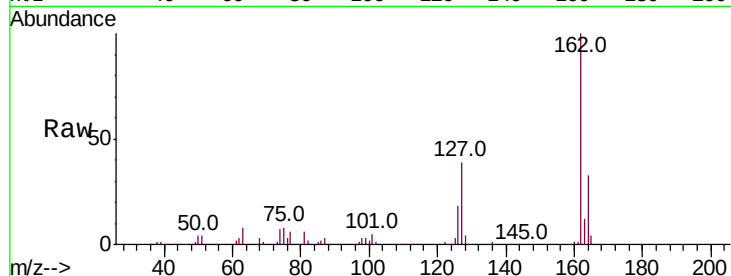
#47
 2-Chloronaphthalene
 Concen: 59.880 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	627283		
127	39.0	29.3	43.9	
164	33.4	27.1	40.7	

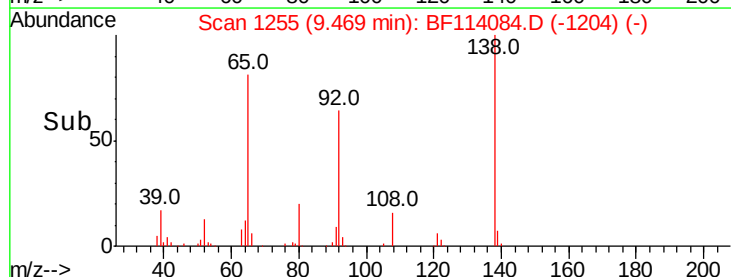
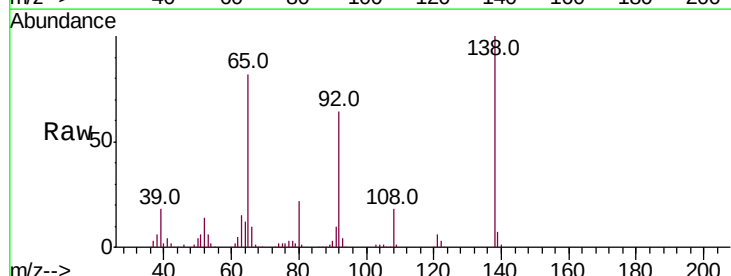
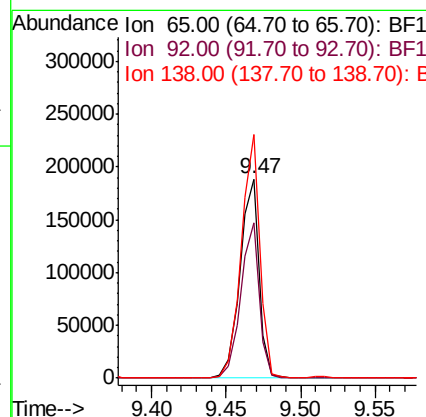
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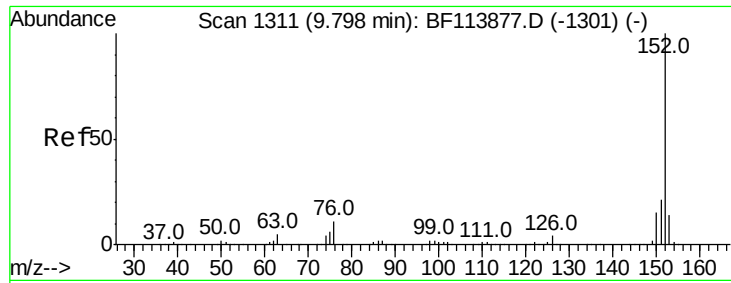
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#48
 2-Nitroaniline
 Concen: 61.919 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	170041		
92	77.8	57.4	86.0	
138	122.3	85.4	128.0	





#49

Acenaphthylene

Concen: 55.817 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

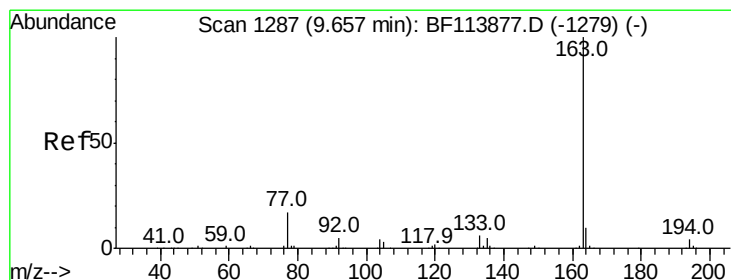
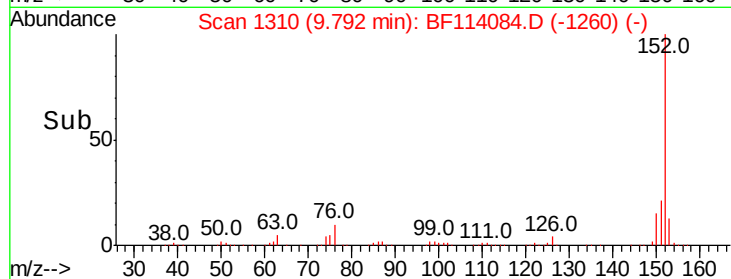
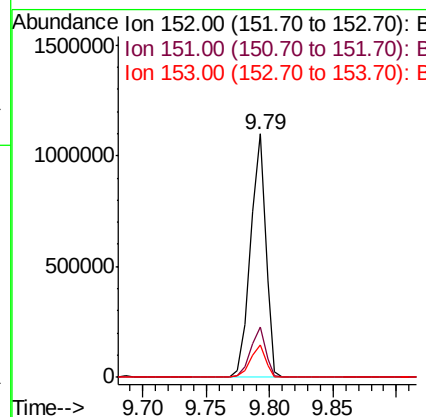
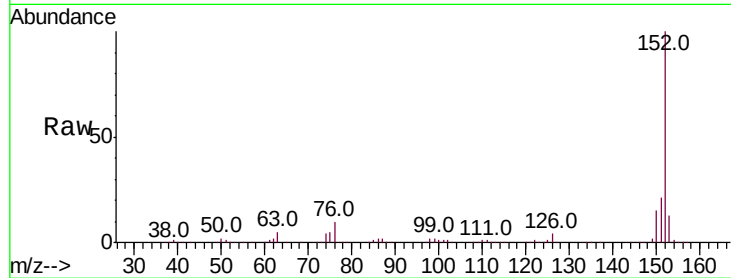
ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:	152	Resp:	915394
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.4
153	13.3	11.0	16.6

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#50

Dimethylphthalate

Concen: 70.999 ng

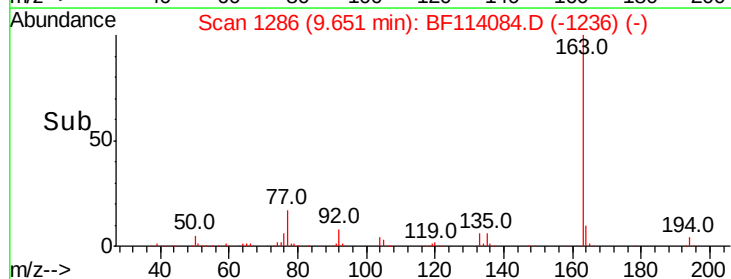
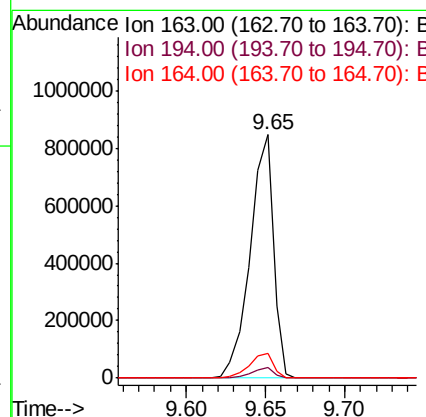
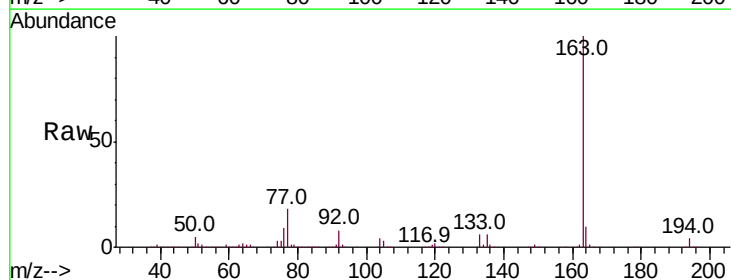
RT: 9.65 min Scan# 1286

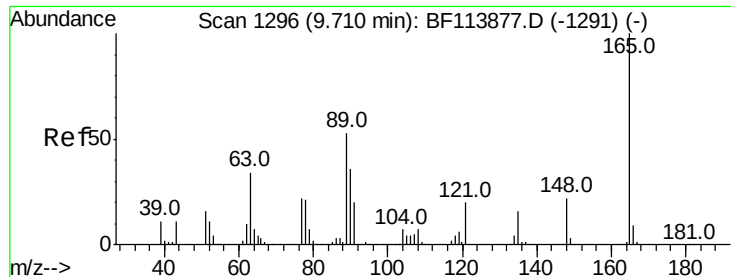
Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:	163	Resp:	865864
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.1	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 64.002 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

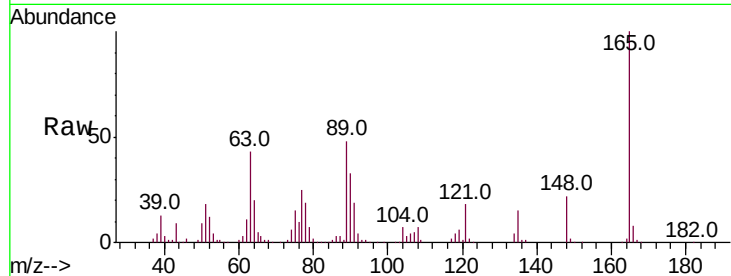
ClientSampleId :

SSSI-0419-S-DH-8MSD

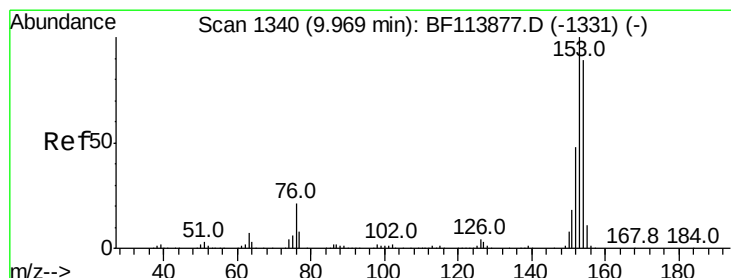
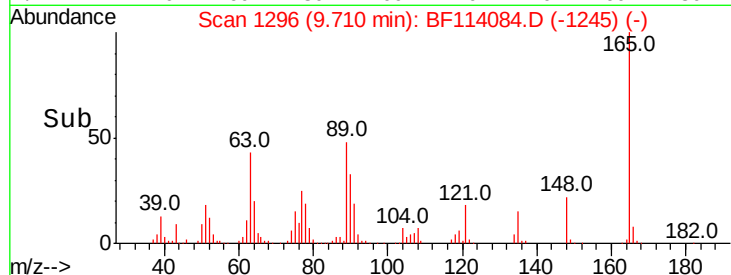
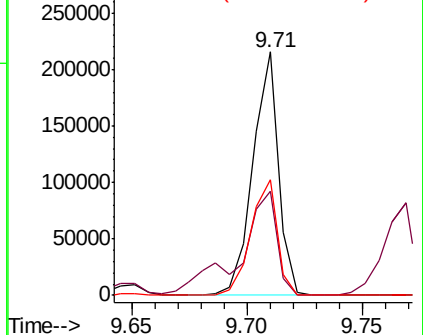
Tot Ion:	165	Resp:	167452
Ion Ratio	Lower	Upper	
165	100		
63	42.8	33.8	50.8
89	47.5	38.2	57.2

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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: 56.714 ng

RT: 9.96 min Scan# 1339

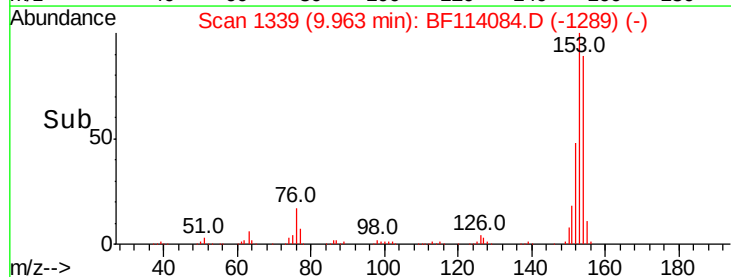
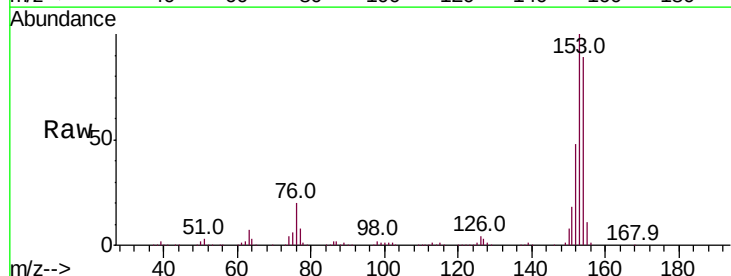
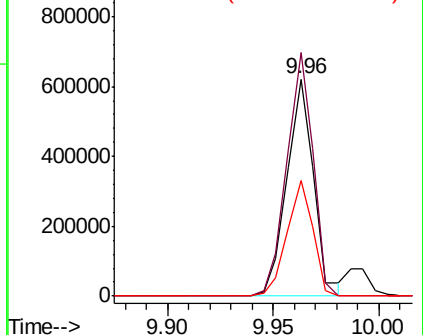
Delta R.T. -0.01 min

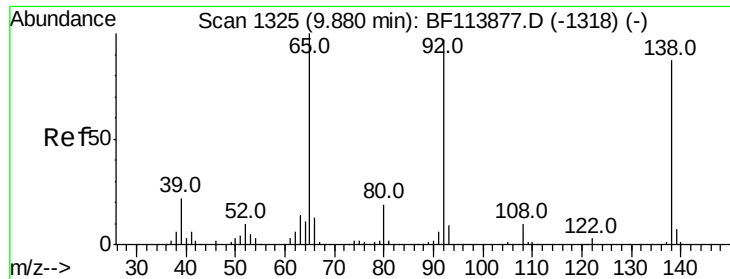
Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:	154	Resp:	549682
Ion Ratio	Lower	Upper	
154	100		
153	112.3	87.2	130.8
152	53.5	42.3	63.5

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





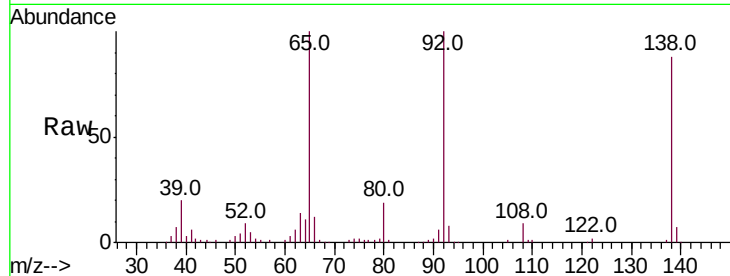
#53
3-Nitroaniline
Concen: 25.825 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.2
92	113.6	94.1	141.1

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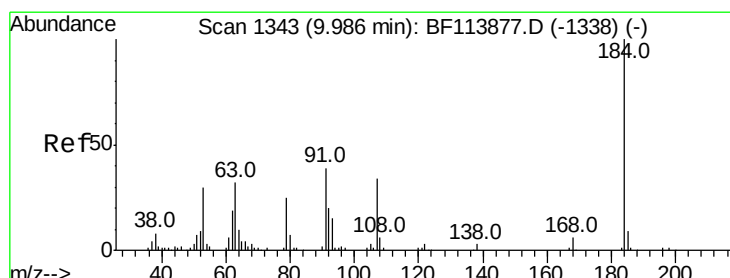
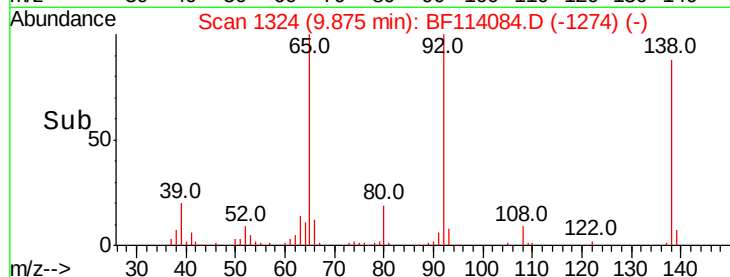
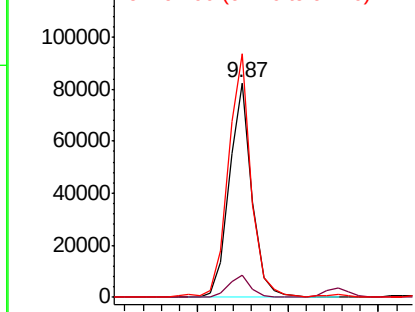


Abundance

Ion 138.00 (137.70 to 138.70): E

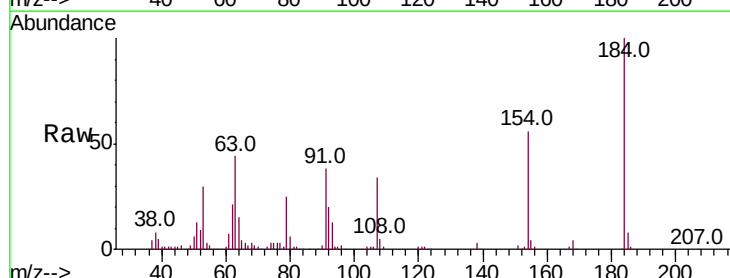
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 117.345 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.2	54.6	81.8#
154	56.3	218.6	328.0#

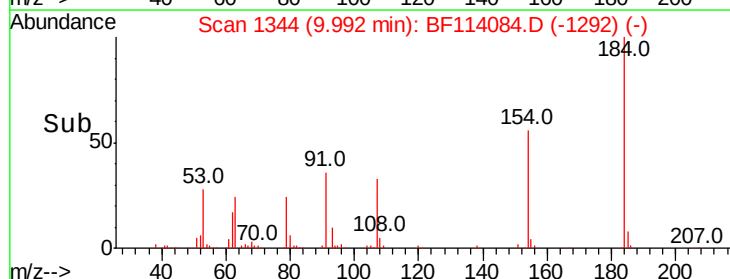
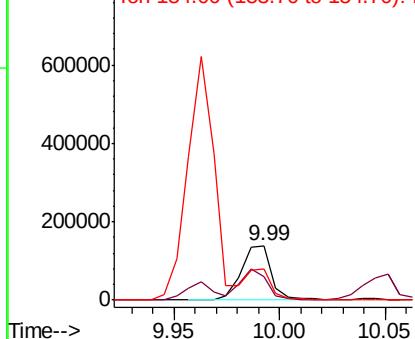


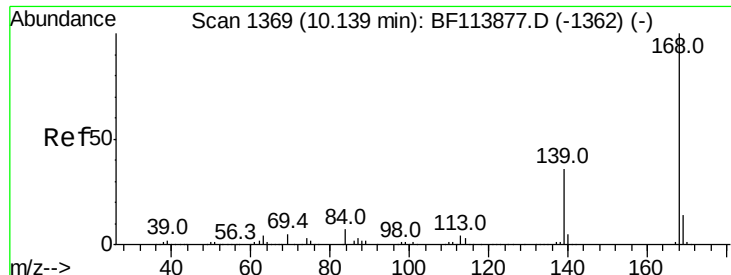
Abundance

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: 58.996 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:168 Resp: 856508

Ion Ratio Lower Upper

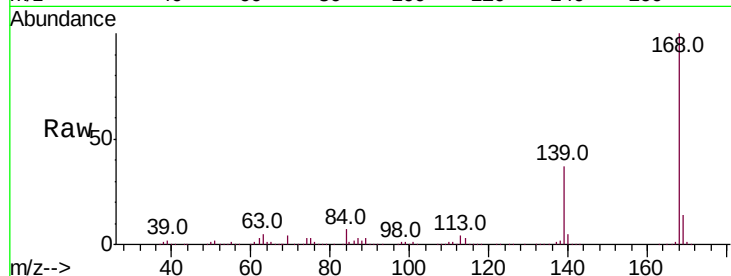
168 100

139 36.9 27.8 41.6

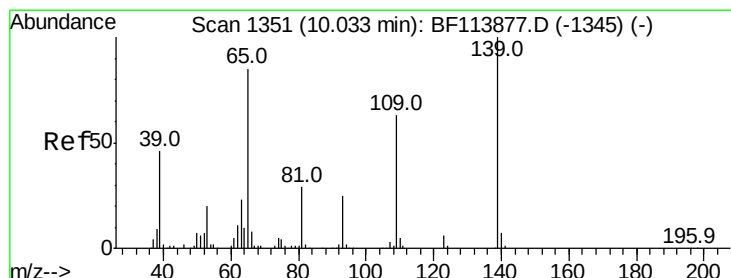
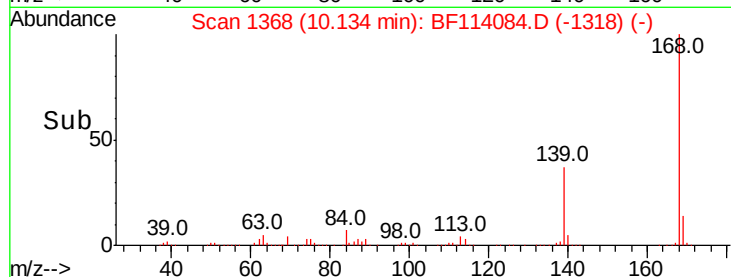
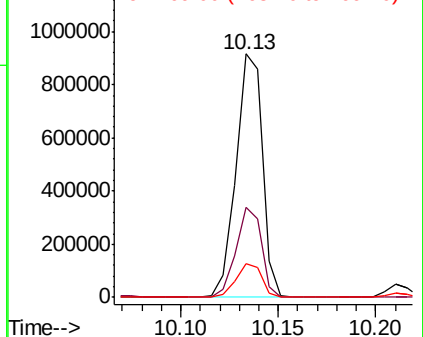
169 13.9 11.0 16.6

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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: 129.106 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

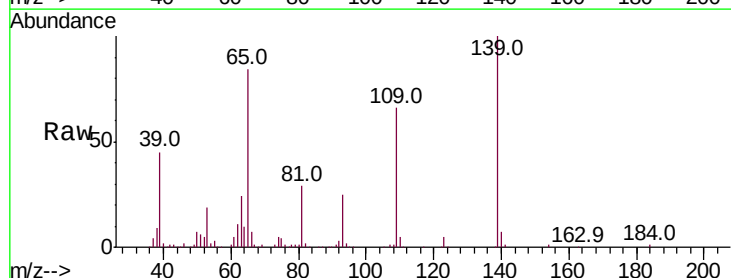
Tgt Ion:139 Resp: 281044

Ion Ratio Lower Upper

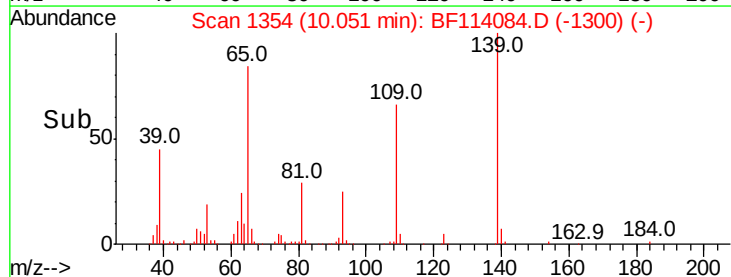
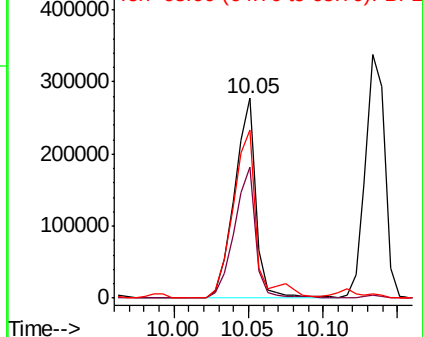
139 100

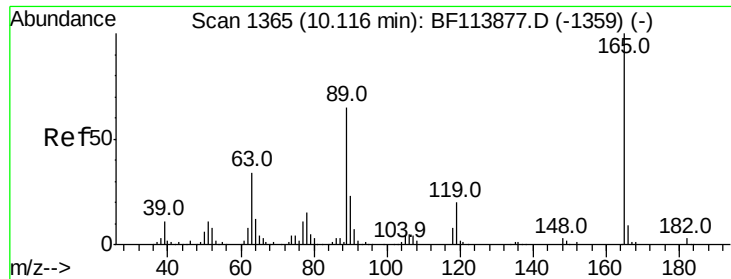
109 65.8 42.9 82.9

65 84.5 64.4 104.4



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





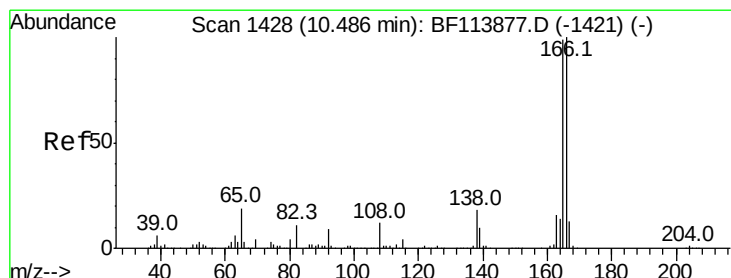
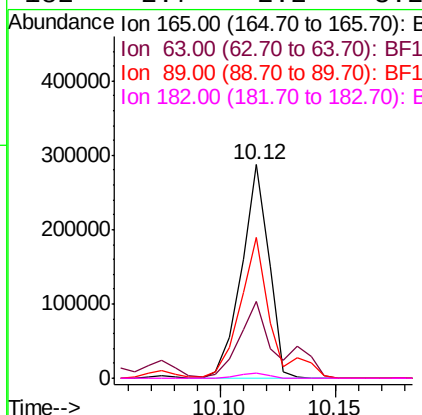
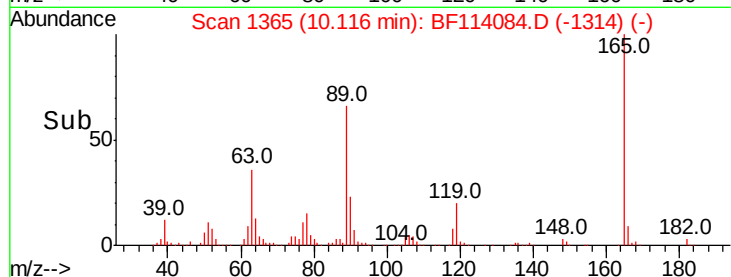
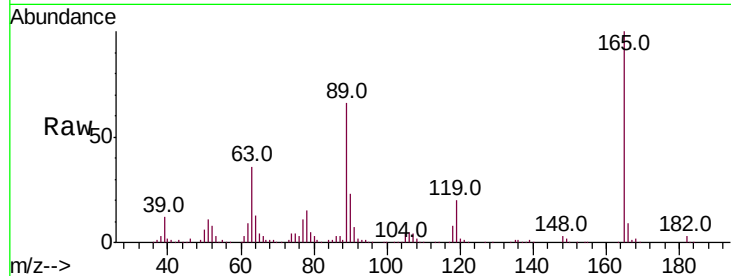
#57
2,4-Dinitrotoluene
Concen: 71.791 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.7	27.4	41.0	
89	66.0	51.8	77.6	
182	2.7	2.2	3.2	

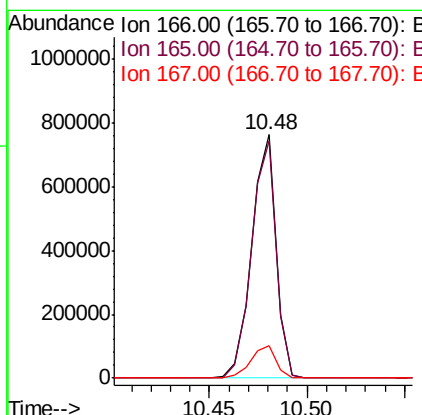
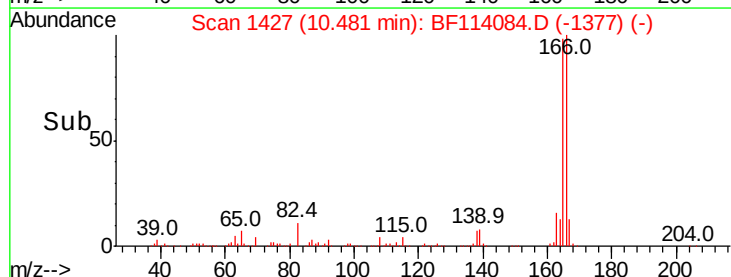
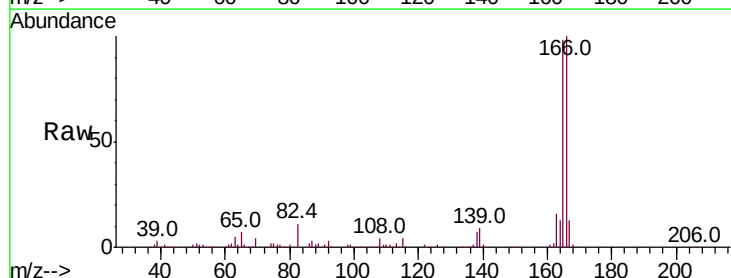
Manual Integrations
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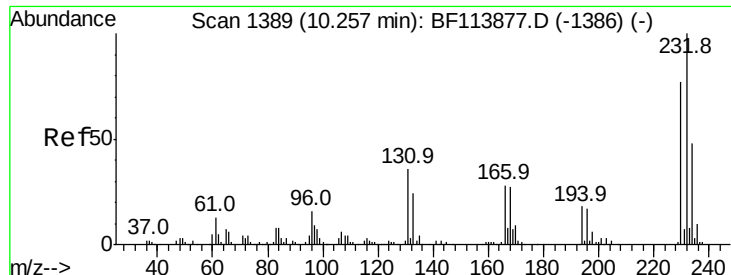
Sohil
5/3/2019 4:32:58 PM



#58
Fluorene
Concen: 60.219 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	78.4	117.6	
167	13.1	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.526 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:232 Resp: 207510

Ion Ratio Lower Upper

232 100

131 38.4 30.2 45.2

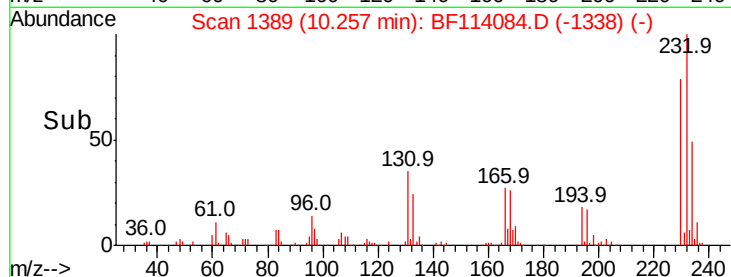
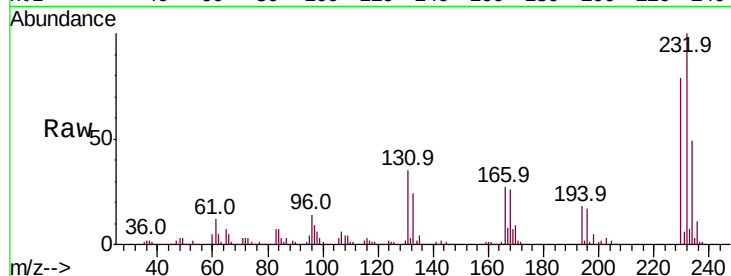
130 1.9 1.5 2.3

166 28.0 22.2 33.4

Manual Integrations
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5/3/2019 4:32:58 PM

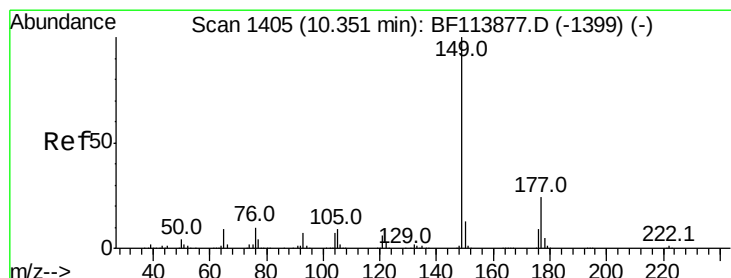
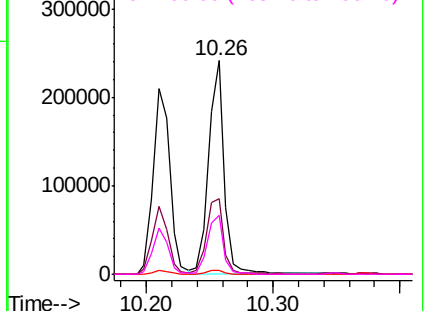


Abundance Ion 232.00 (231.70 to 232.70): E

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: 66.722 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

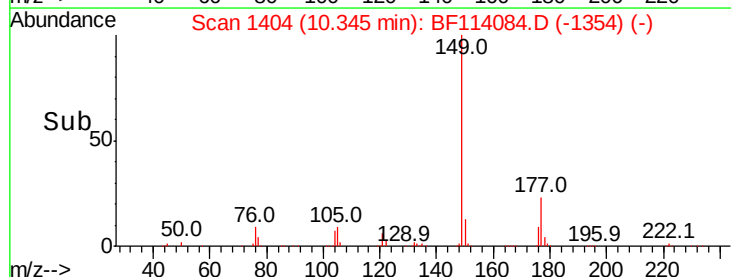
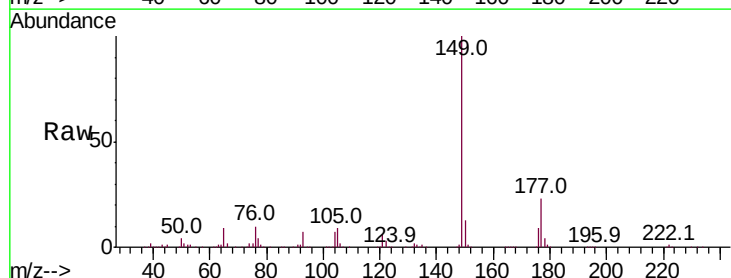
Tgt Ion:149 Resp: 772707

Ion Ratio Lower Upper

149 100

177 23.1 19.2 28.8

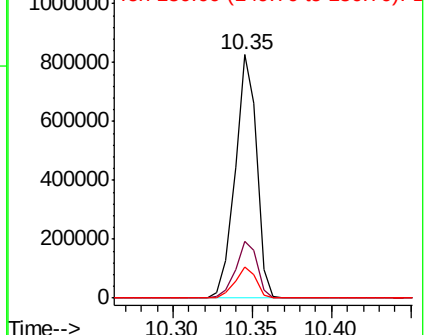
150 12.7 10.3 15.5

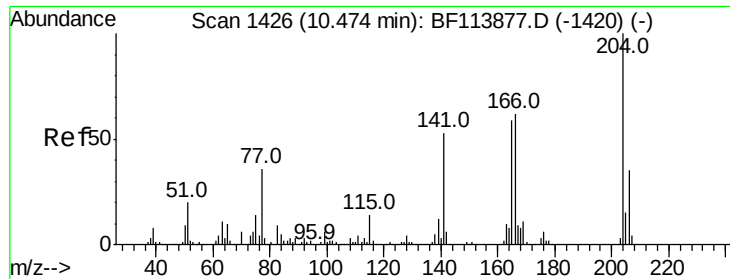


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





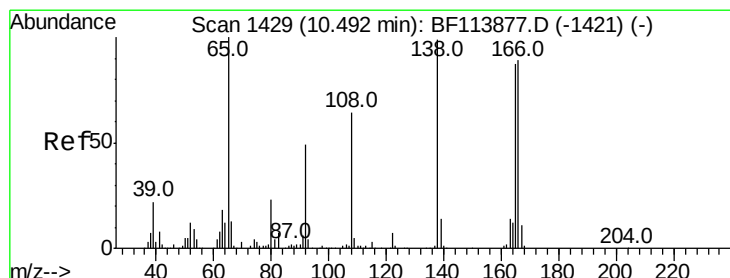
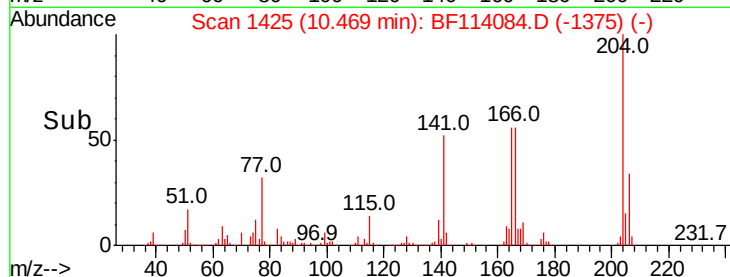
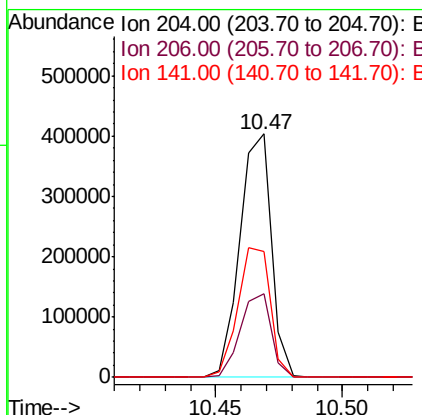
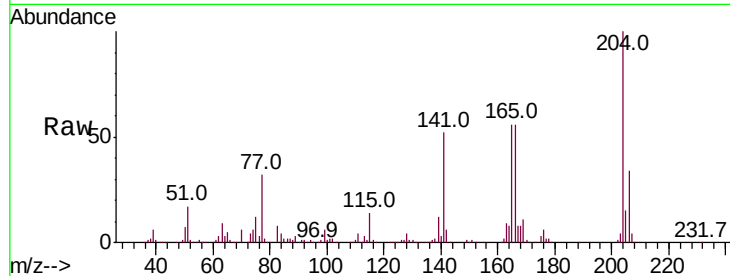
#61
4-Chlorophenyl-phenylether
Concen: 60.162 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	51.7	42.6	63.8

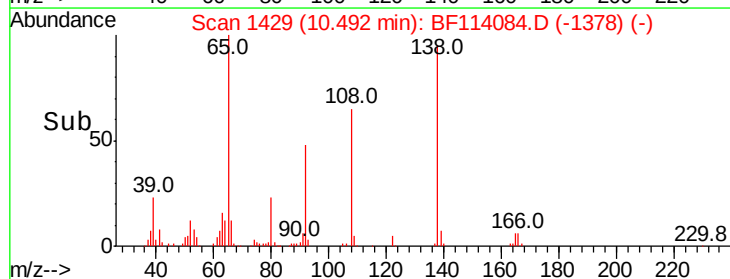
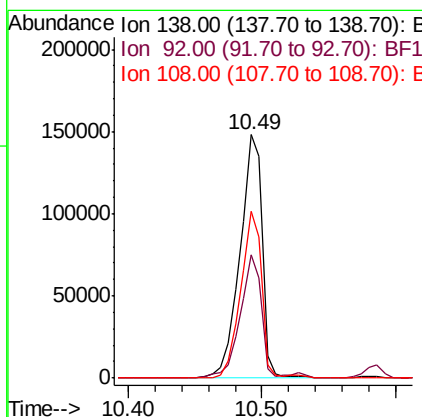
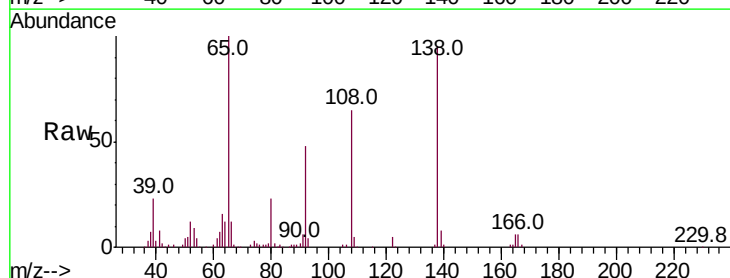
Manual Integrations
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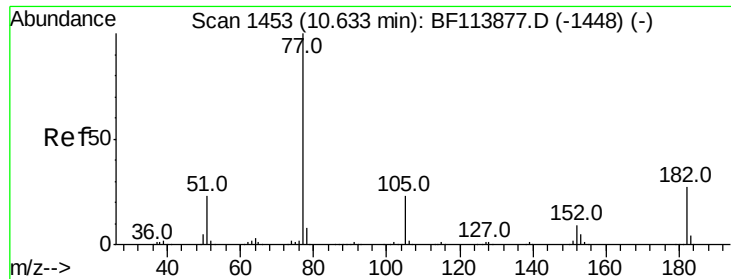
Sohil
5/3/2019 4:32:58 PM



#62
4-Nitroaniline
Concen: 63.871 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.3	71.3
108	68.3	48.9	88.9





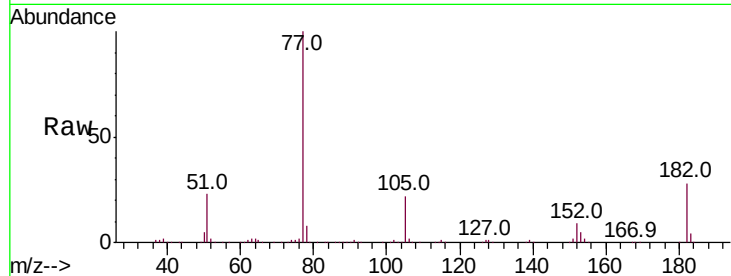
#63
Azobenzene
Concen: 58.915 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

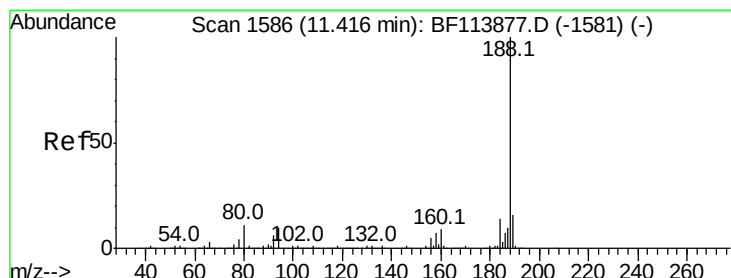
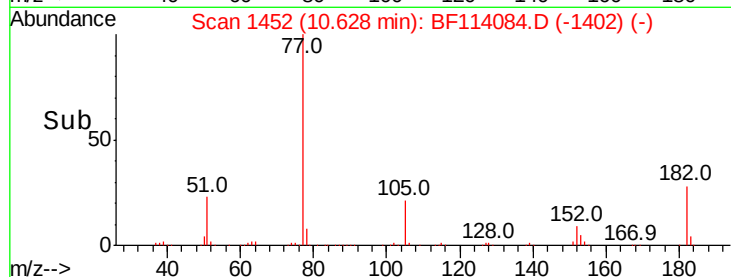
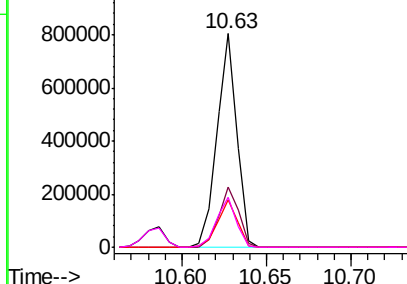
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	4.4	44.4	
105	22.4	2.2	42.2	
51	23.2	3.9	43.9	

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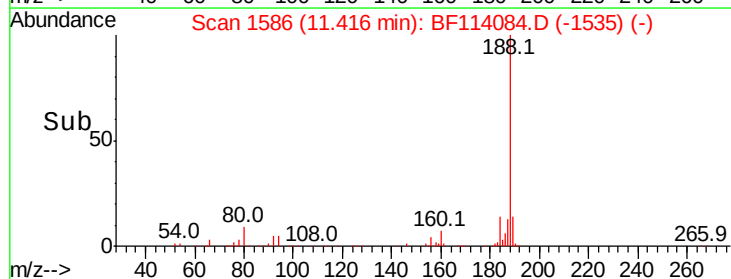
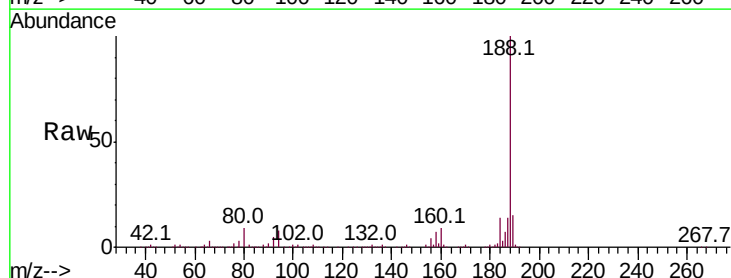
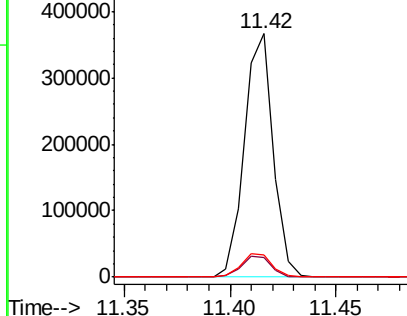
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

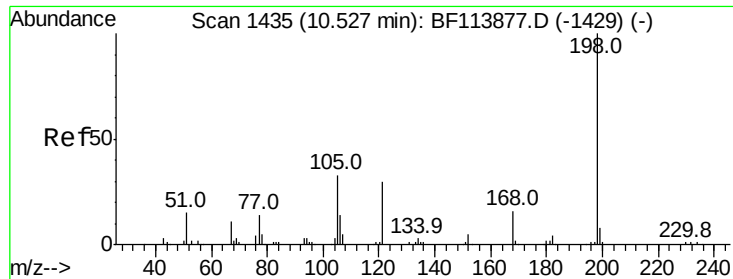


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	8.2	12.4#	
80	9.2	9.0	13.6	

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





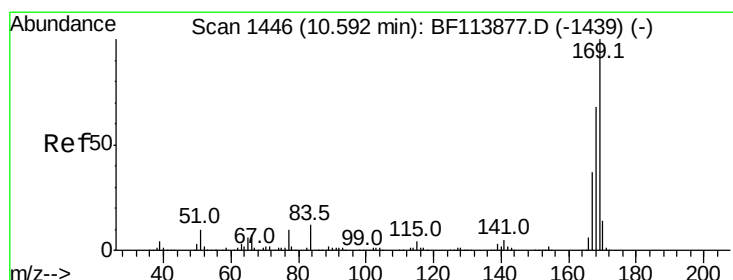
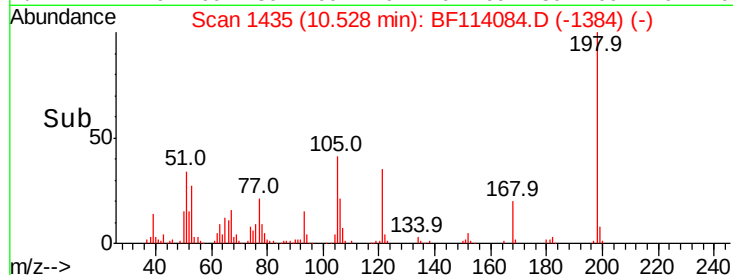
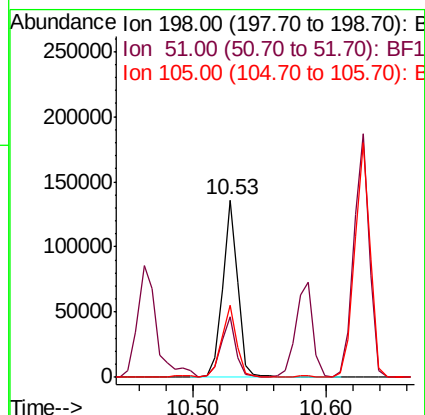
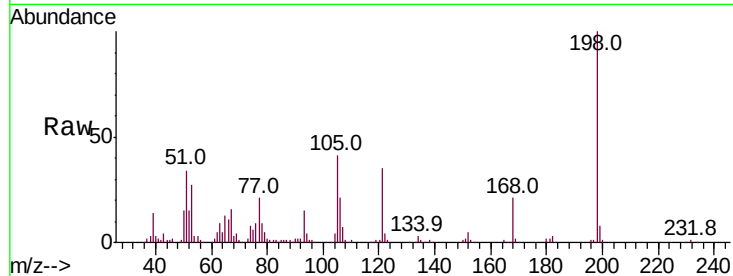
#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.832 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109373		
51	34.0		11.1	51.1
105	40.7		20.7	60.7

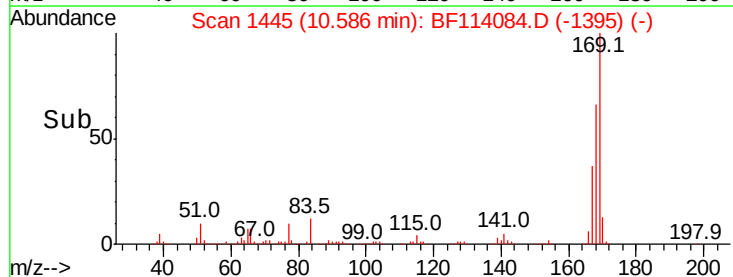
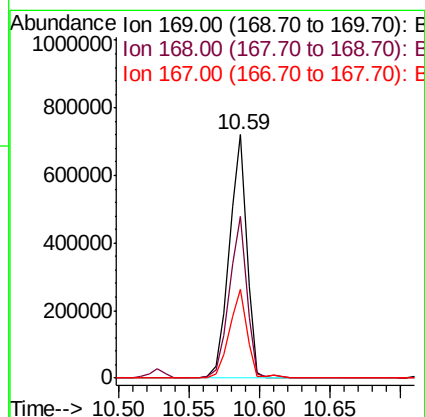
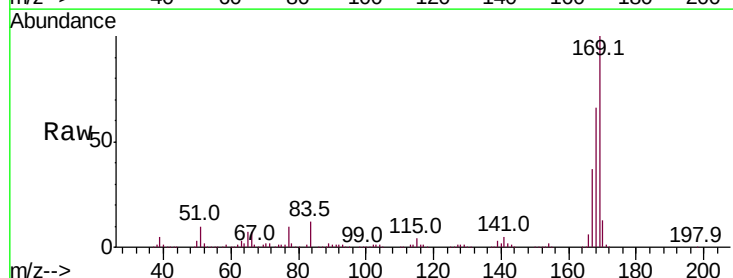
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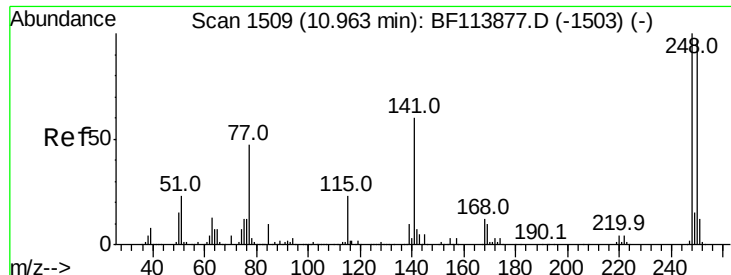
Sohil
 5/3/2019 4:32:58 PM



#66
 n-Nitrosodiphenylamine
 Concen: 59.803 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	620247		
168	66.3		54.3	81.5
167	36.6		29.4	44.0





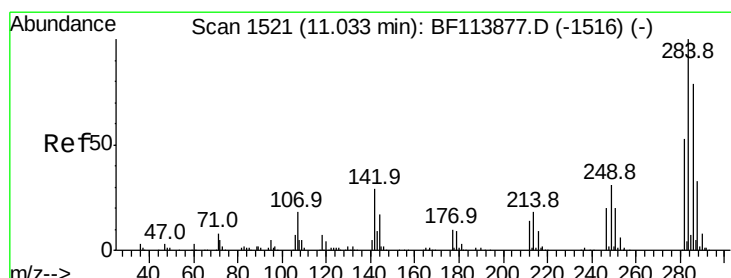
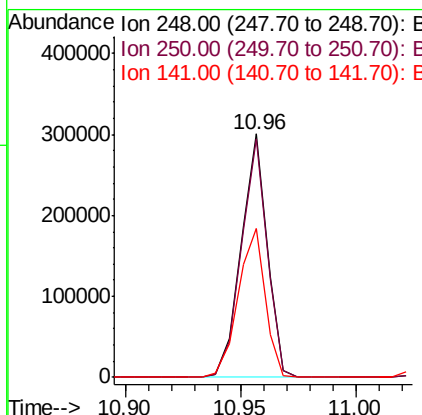
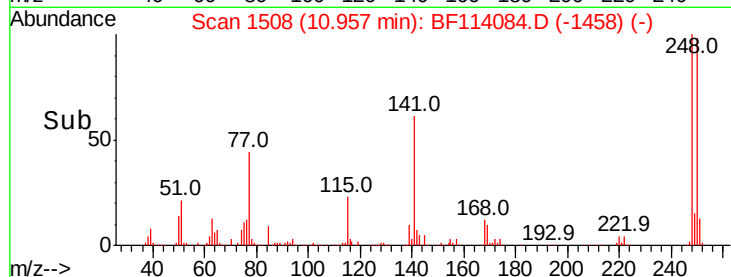
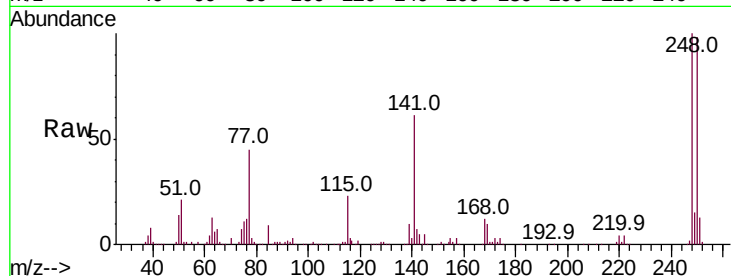
#67
4-Bromophenyl-phenylether
Concen: 56.851 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.8	113.6
141	61.3	50.2	75.4

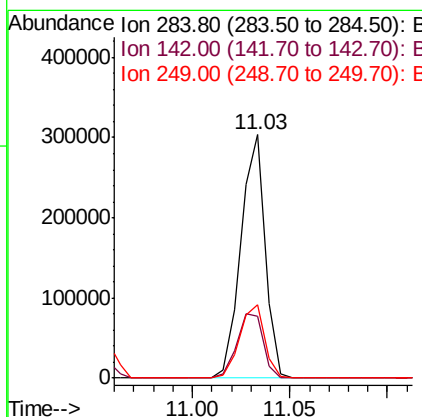
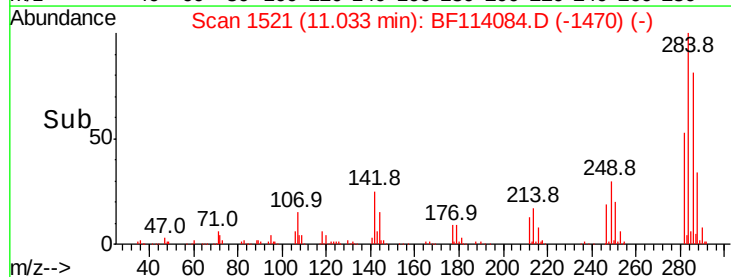
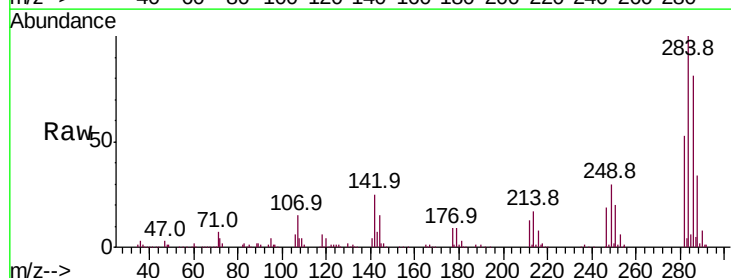
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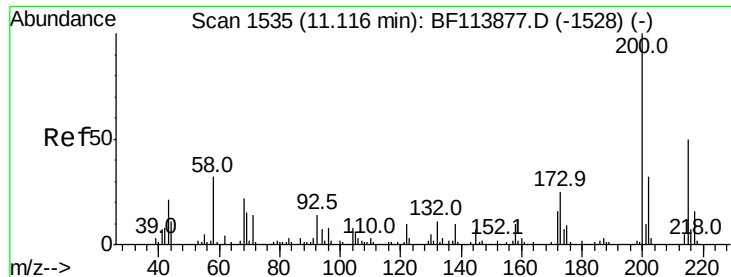
Sohil
5/3/2019 4:32:58 PM



#68
Hexachlorobenzene
Concen: 57.100 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.0	34.4
249	30.3	24.4	36.6





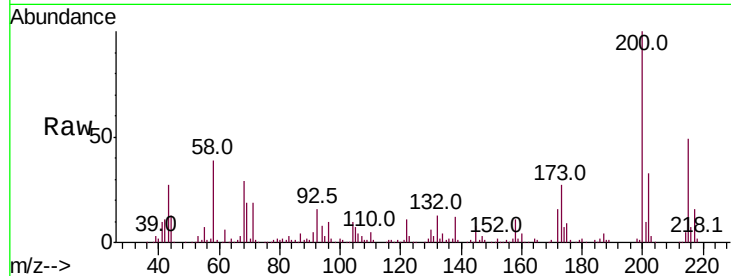
#69
Atrazine
Concen: 62.526 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	5.9	45.9
215	49.3	29.3	69.3

Manual Integrations
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5/3/2019 4:32:58 PM

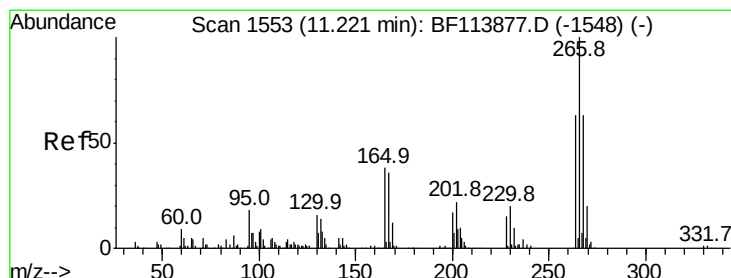
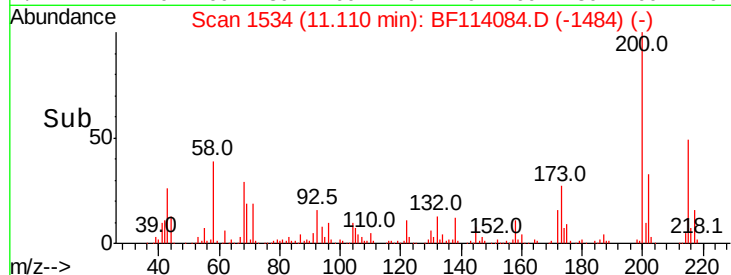
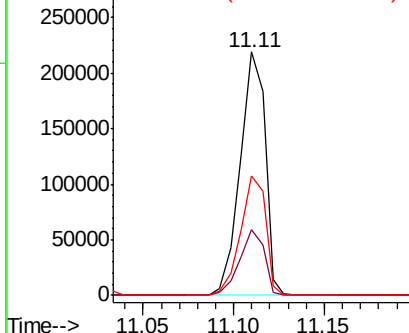


Abundance

Ion 200.00 (199.70 to 200.70): E

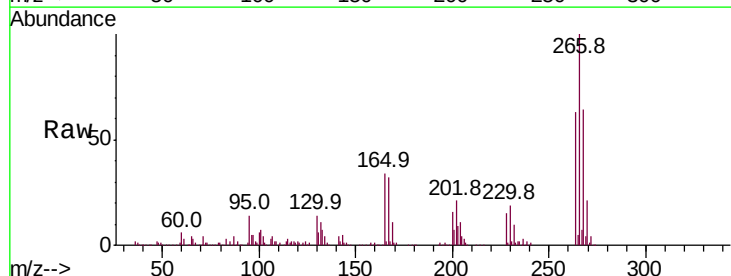
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 108.636 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	53.5	80.3
264	63.1	51.0	76.6

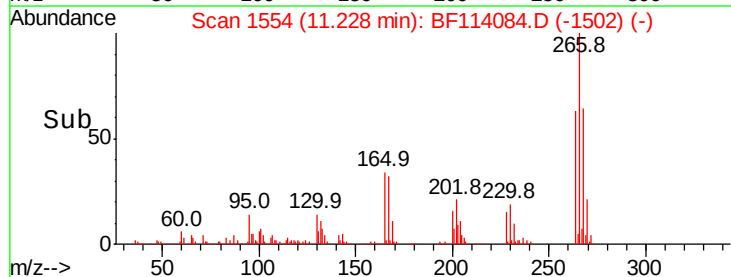
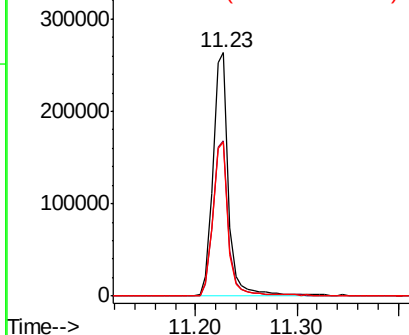


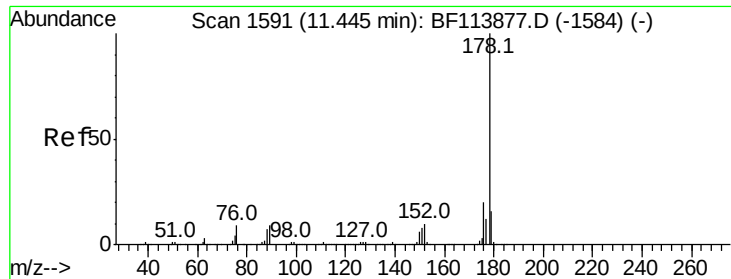
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 64.229 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:178 Resp: 1115739

Ion Ratio Lower Upper

178 100

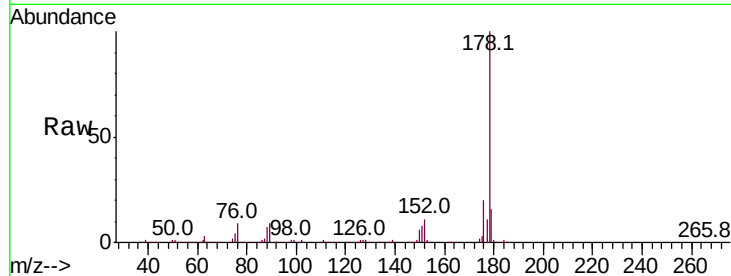
176 20.2 16.1 24.1

179 15.8 12.8 19.2

Manual Integrations
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Sohil

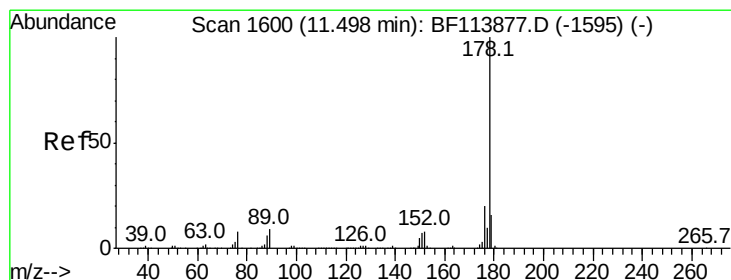
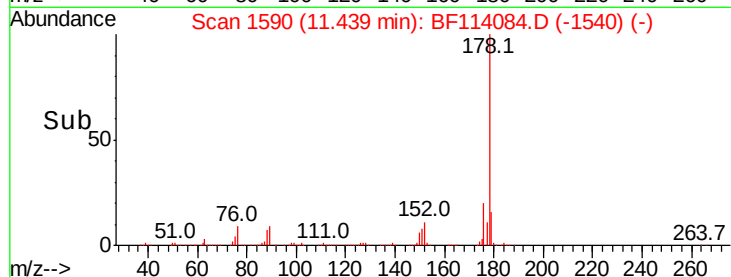
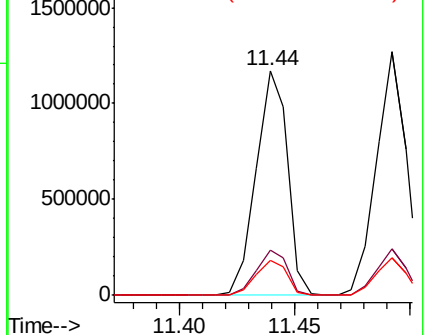
5/3/2019 4:32:58 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 64.406 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:178 Resp: 1129825

Ion Ratio Lower Upper

178 100

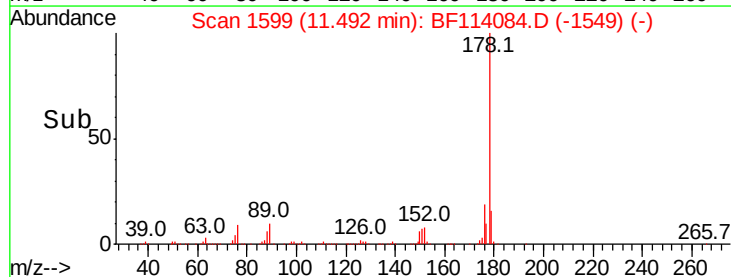
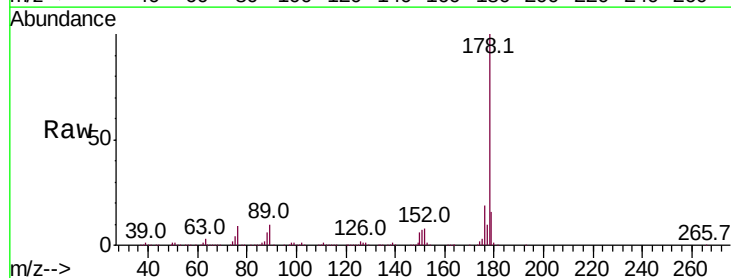
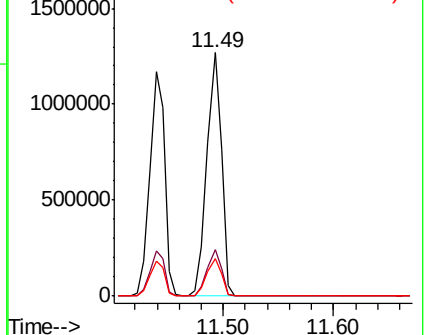
176 19.3 15.7 23.5

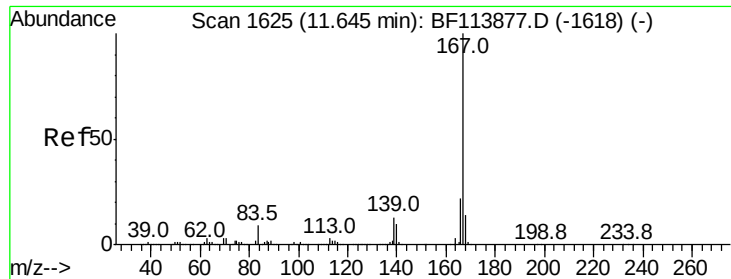
179 15.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





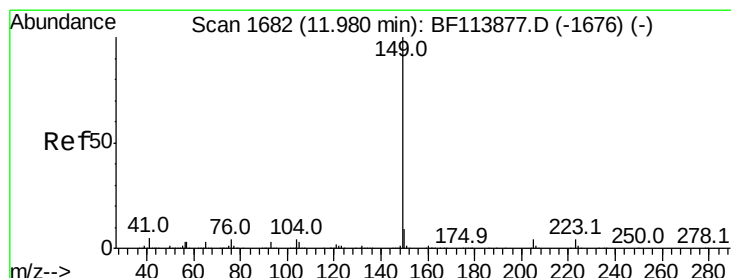
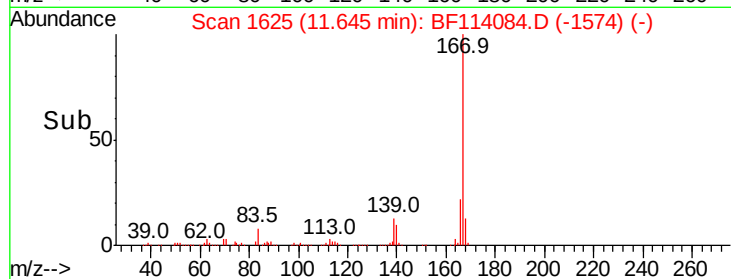
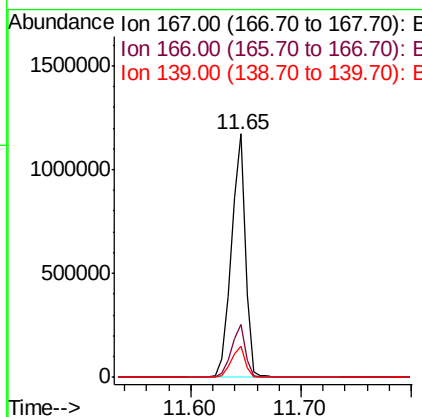
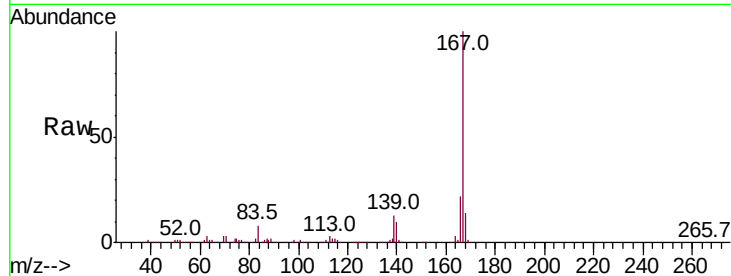
#73
 Carbazole
 Concen: 67.010 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	12.6	10.0	15.0

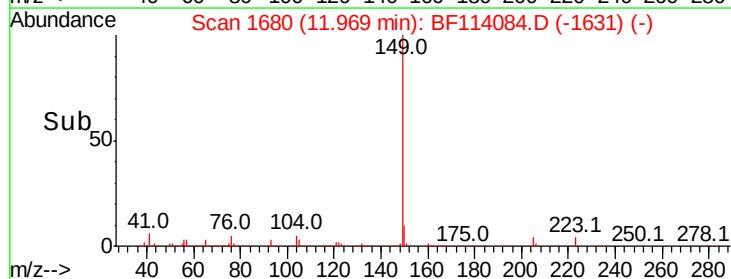
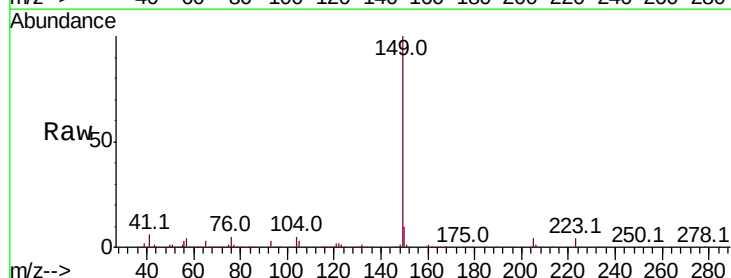
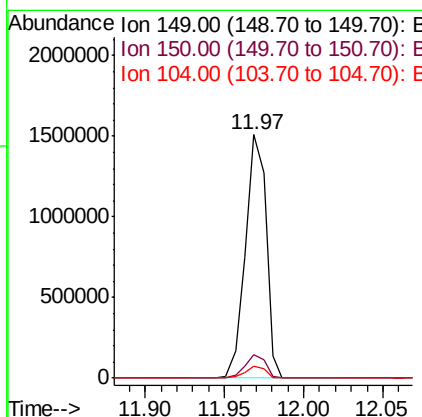
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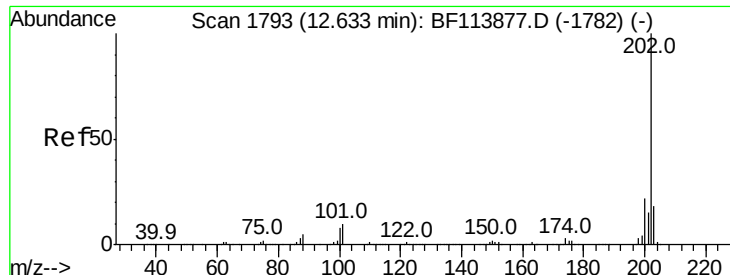
Sohil
 5/3/2019 4:32:58 PM



#74
 Di-n-butylphthalate
 Concen: 74.137 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.9	3.8	5.8





#75

Fluoranthene

Concen: 68.915 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:202 Resp: 1306108

Ion Ratio Lower Upper

202 100

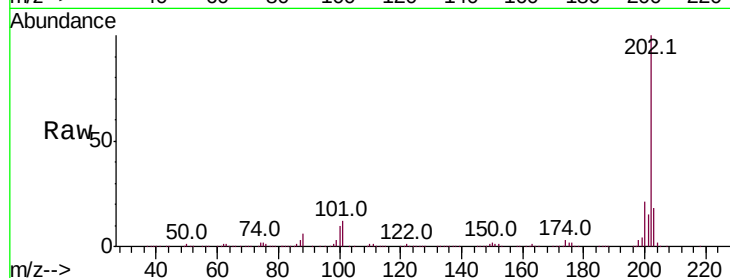
101 12.2 0.0 32.9

203 18.1 0.0 38.2

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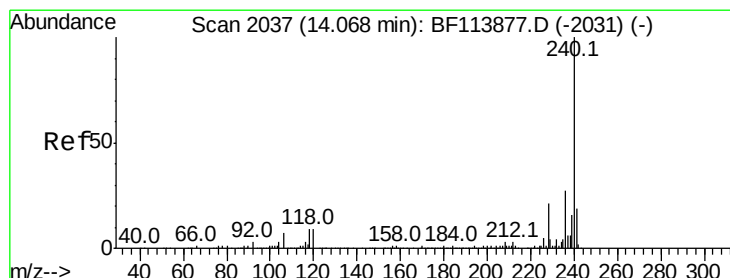
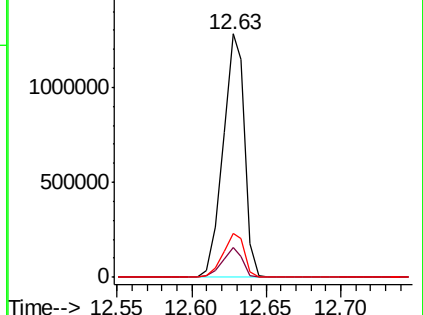
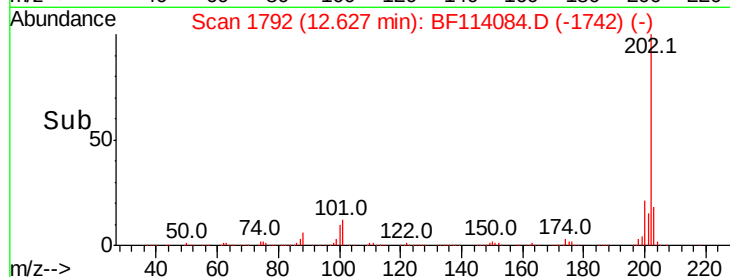
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

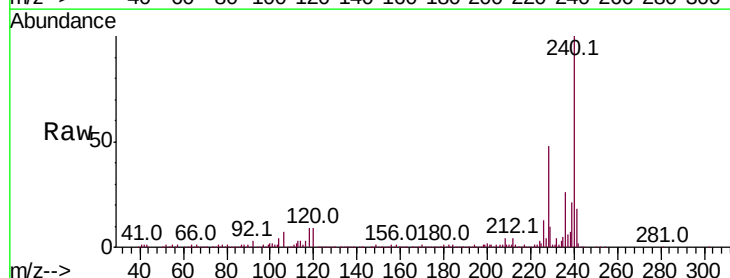
Tgt Ion:240 Resp: 240071

Ion Ratio Lower Upper

240 100

120 9.2 9.3 13.9#

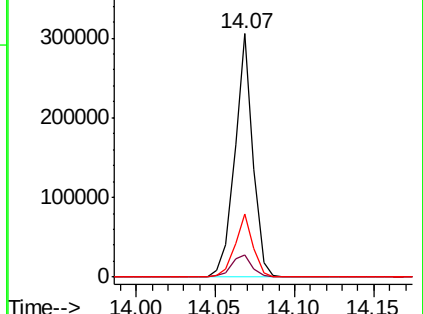
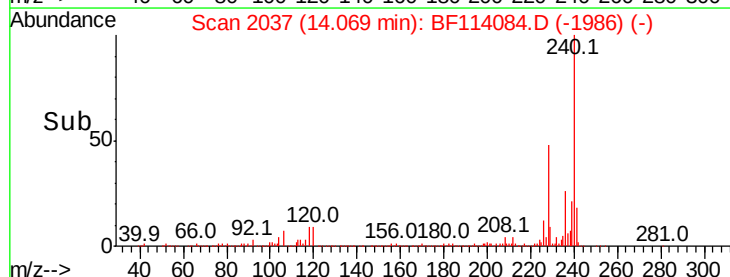
236 26.1 21.2 31.8

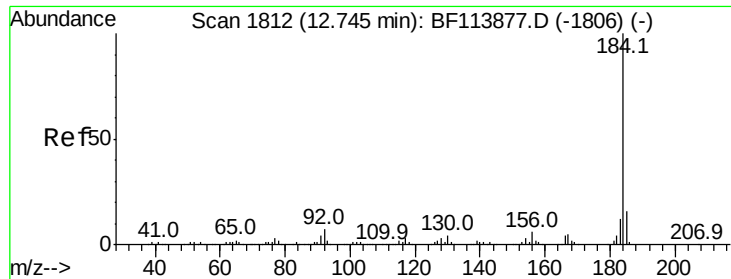


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.836 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

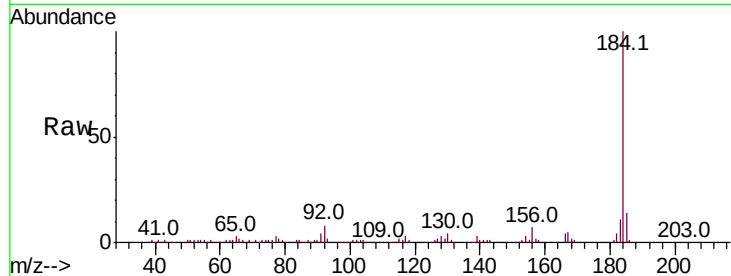
ClientSampleId :

SSSI-0419-S-DH-8MSD

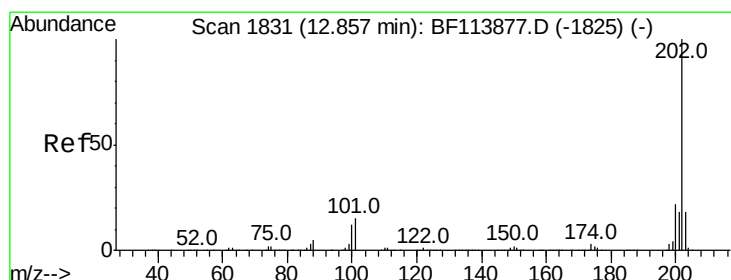
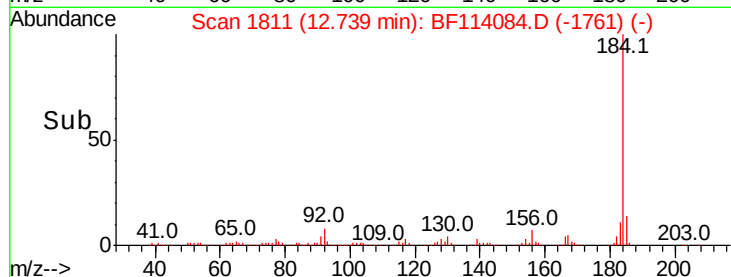
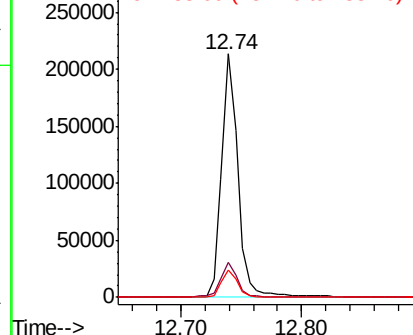
Tot Ion:	184	Resp:	199110
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	11.4	9.4	14.0

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5/3/2019 4:32:58 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 77.491 ng

RT: 12.86 min Scan# 1831

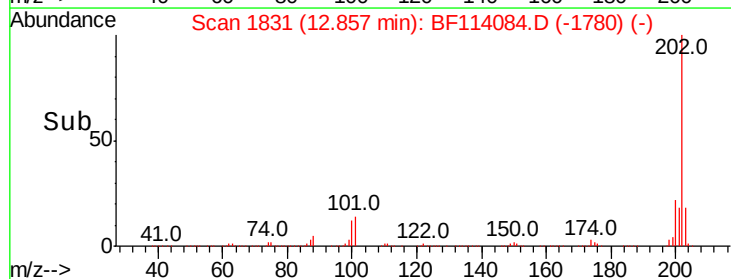
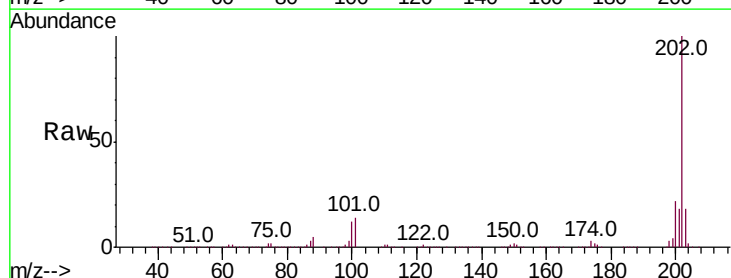
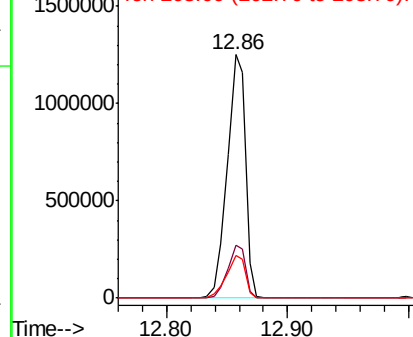
Delta R.T. 0.00 min

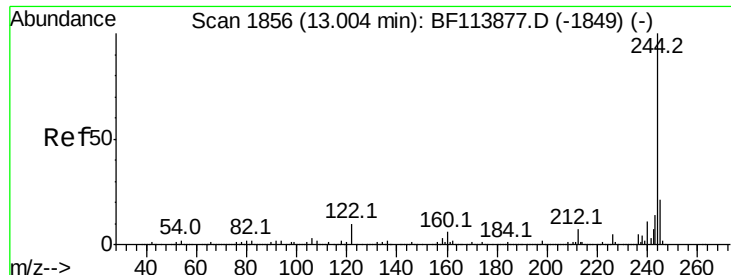
Lab File: BF114084.D

Acq: 2 May 2019 14:21

Tgt Ion:	202	Resp:	1300953
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	17.8	15.0	22.6

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





#79

Terphenyl-d14

Concen: 152.918 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:244 Resp: 1790671

Ion Ratio Lower Upper

244 100

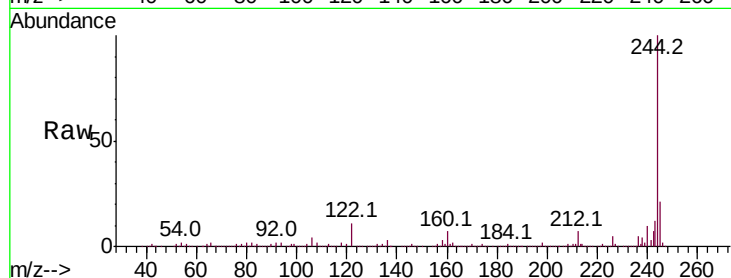
212 7.3 5.4 8.2

122 10.8 7.6 11.4

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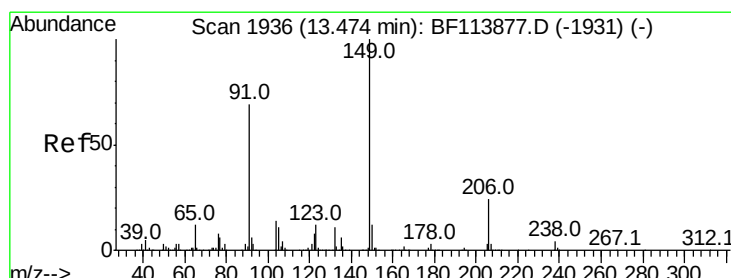
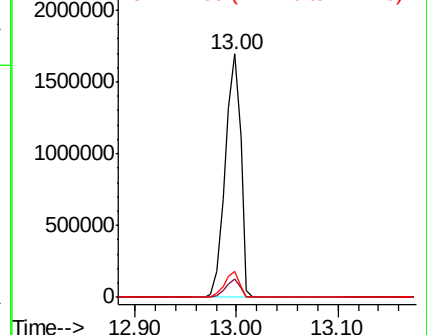
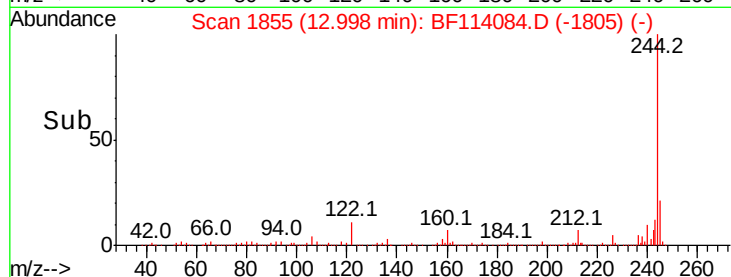
5/3/2019 4:32:58 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 88.114 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

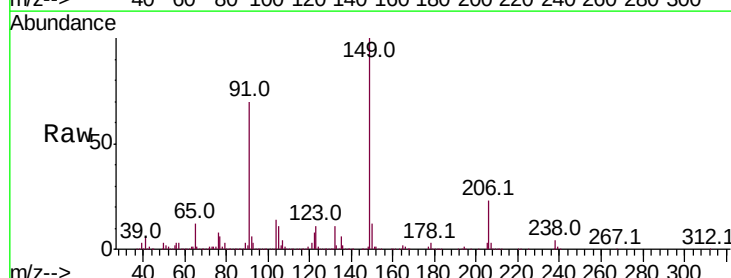
Tgt Ion:149 Resp: 582029

Ion Ratio Lower Upper

149 100

91 69.9 56.3 84.5

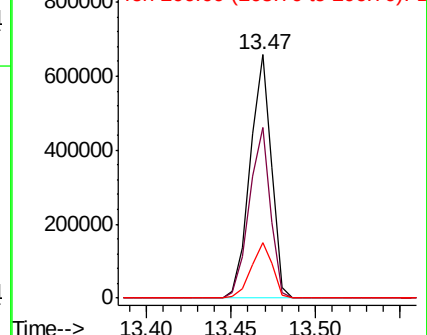
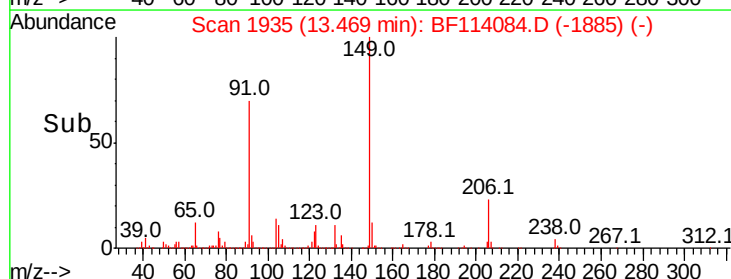
206 22.7 19.0 28.6

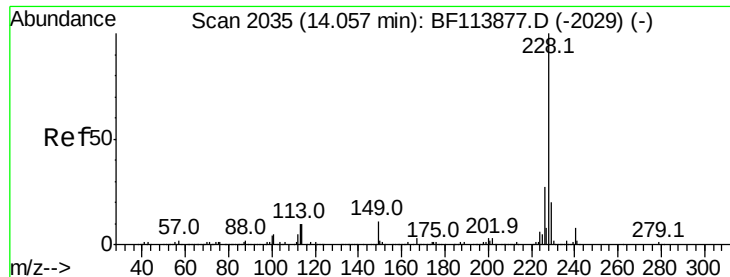


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 75.547 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MSD

Tot Ion:228 Resp: 1068581

Ion Ratio Lower Upper

228 100

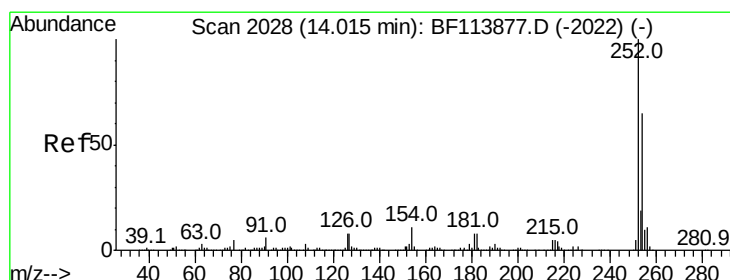
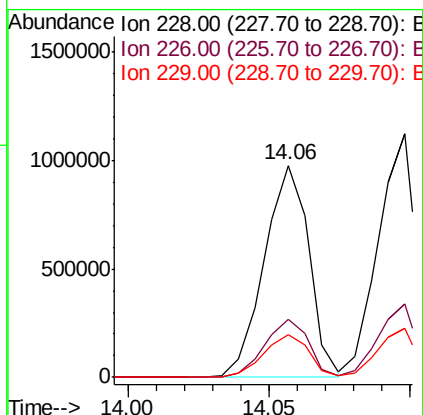
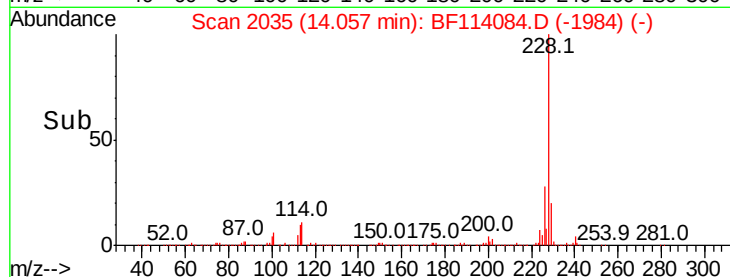
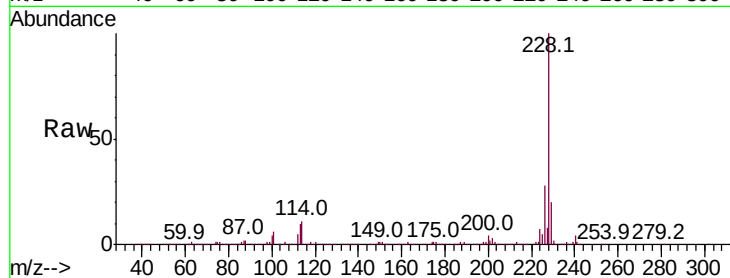
226 27.6 22.2 33.2

229 20.4 16.0 24.0

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5/3/2019 4:32:58 PM



#82

3,3'-Dichlorobenzidine

Concen: 35.604 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114084.D

Acq: 2 May 2019 14:21

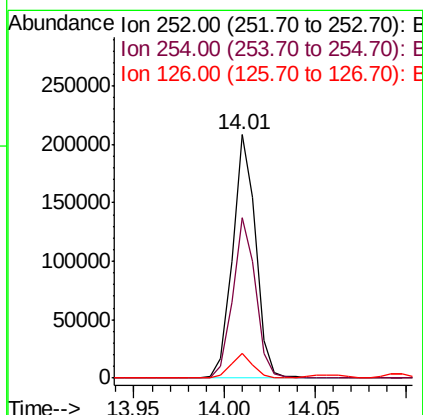
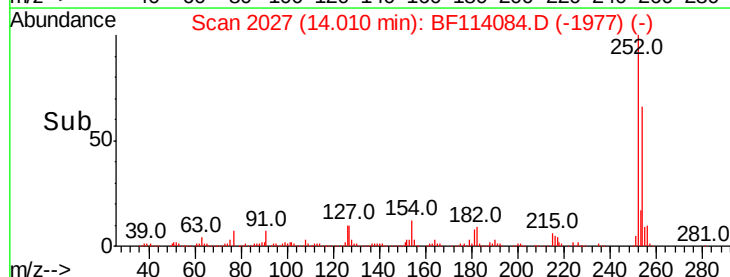
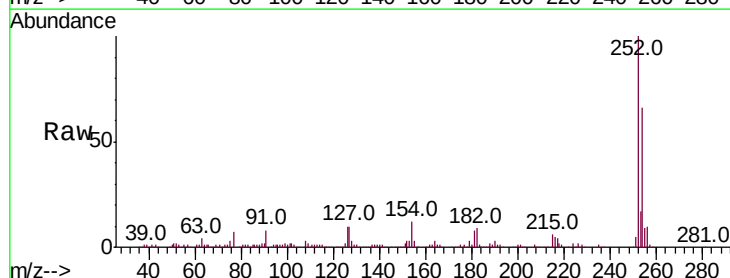
Tgt Ion:252 Resp: 184586

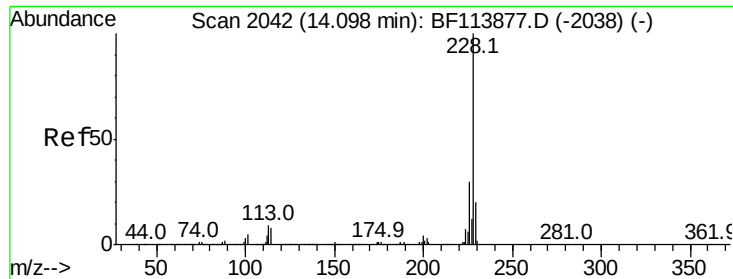
Ion Ratio Lower Upper

252 100

254 66.1 52.1 78.1

126 10.1 9.3 13.9





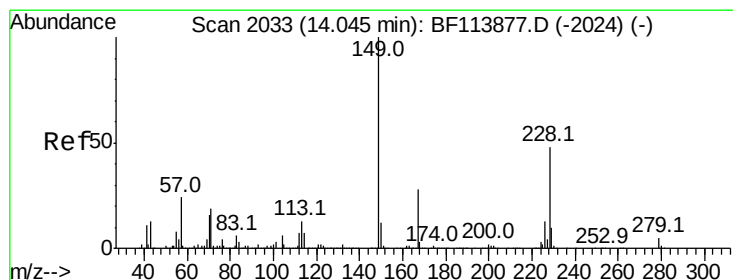
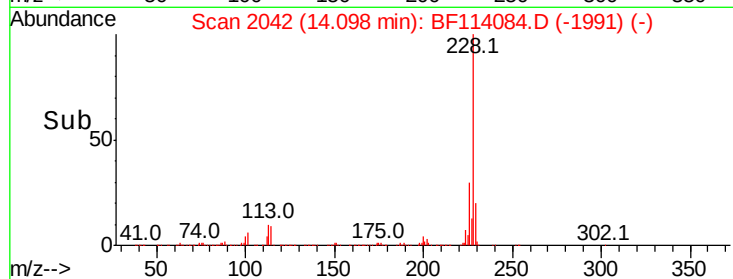
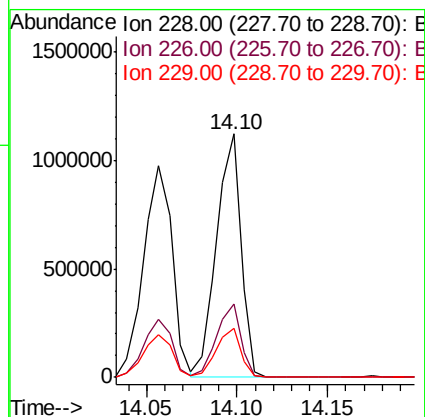
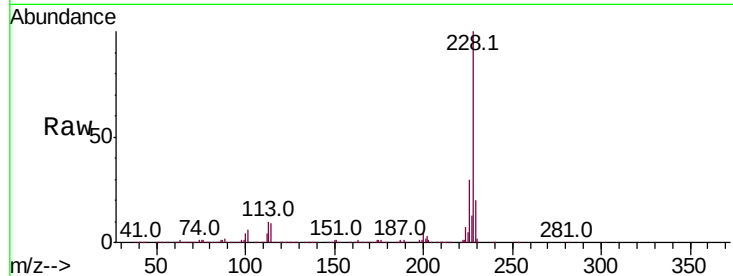
#83
 Chrysene
 Concen: 76.714 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	20.1	16.7	25.1

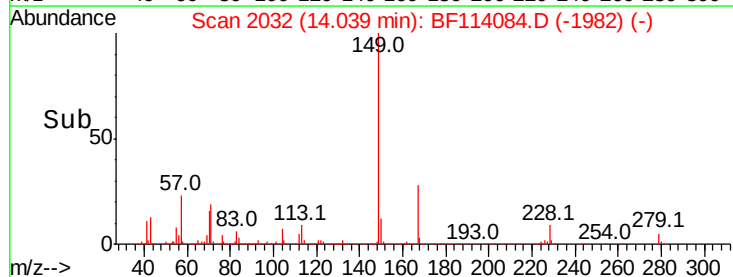
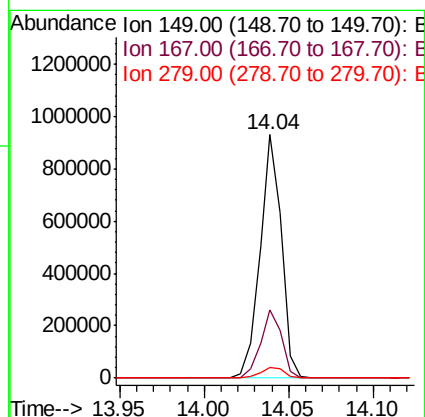
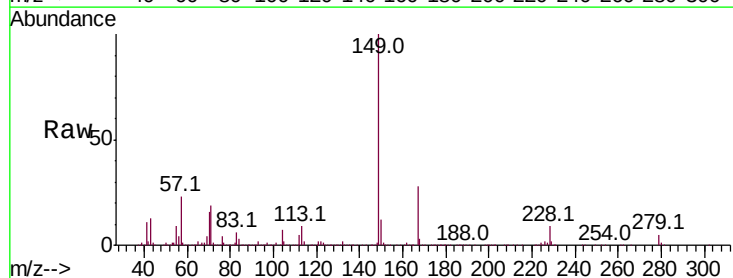
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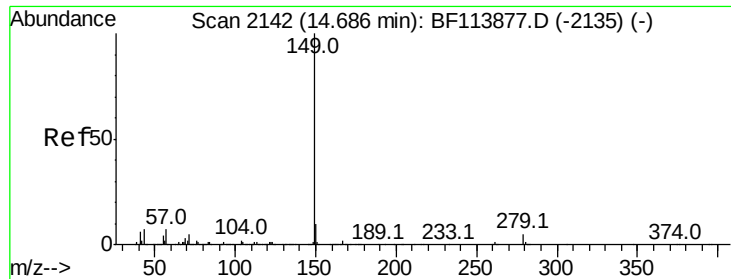
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 97.057 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.5	4.2	6.2





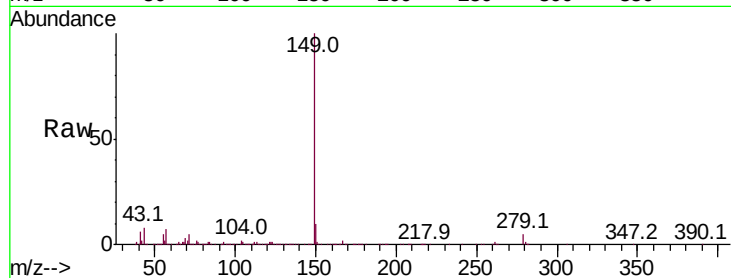
#85
Di-n-octyl phthalate
Concen: 97.094 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

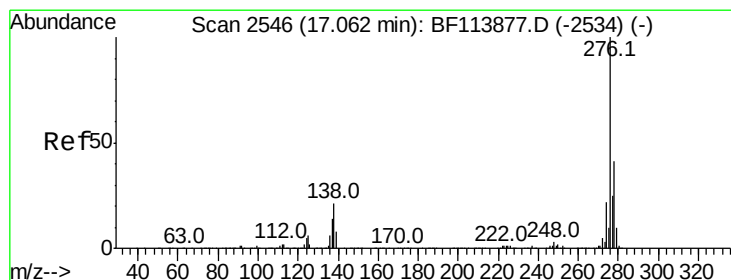
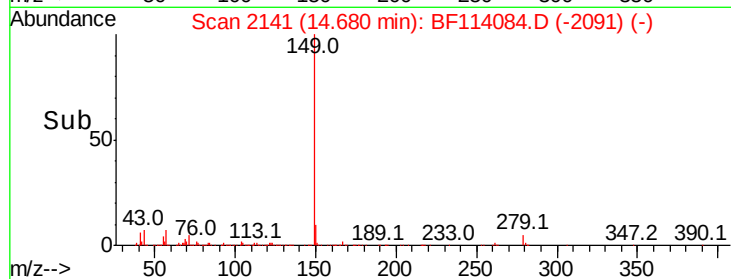
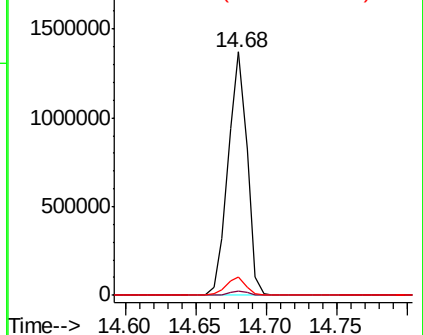
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.6	10.0

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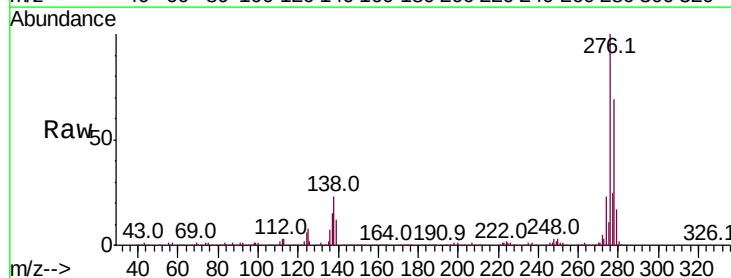


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

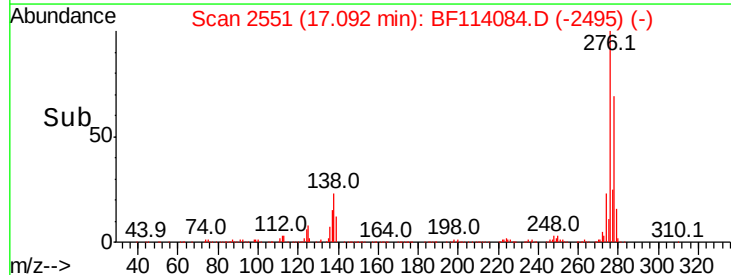
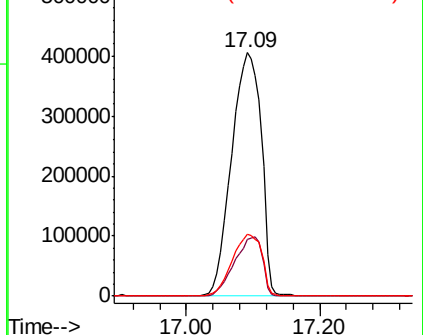


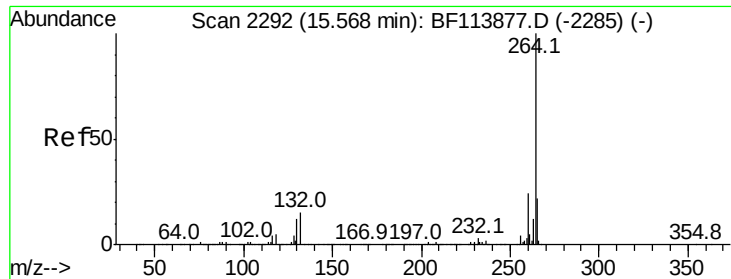
#86
Indeno(1,2,3-cd)pyrene
Concen: 95.914 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.03 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.6	29.4
277	25.4	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





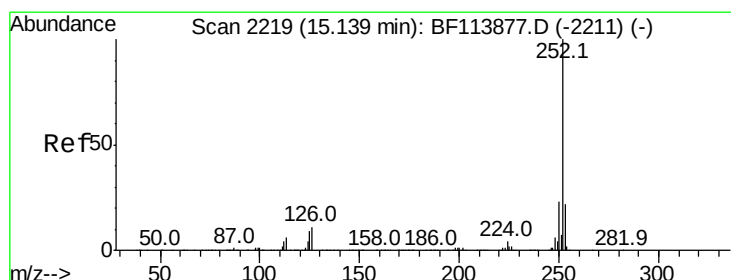
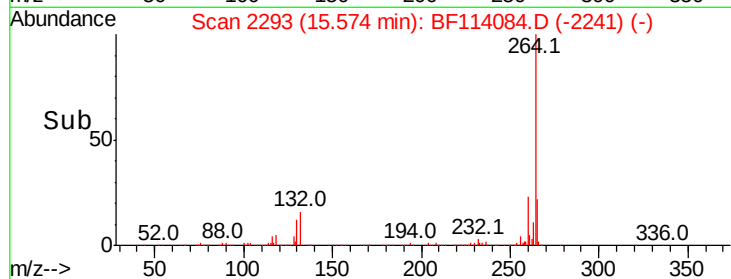
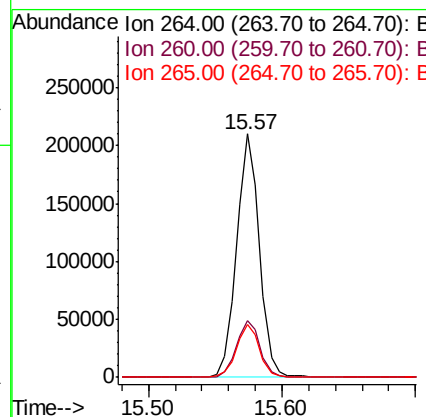
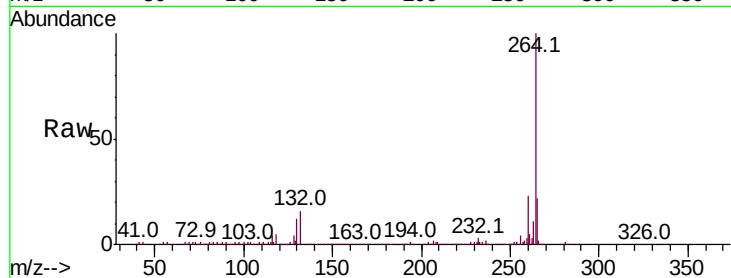
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.5	17.3	25.9

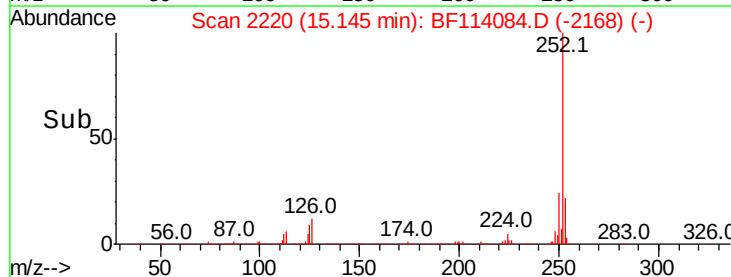
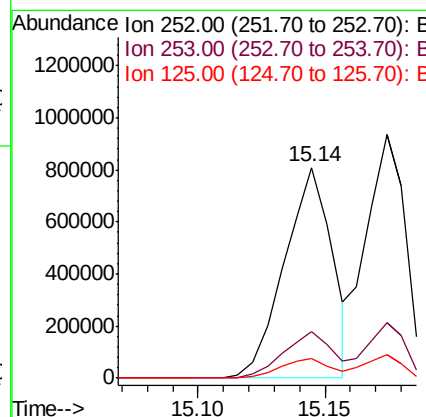
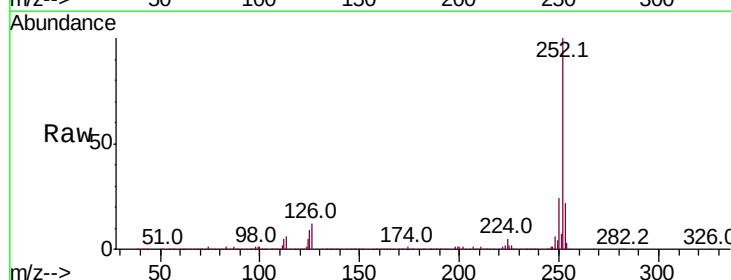
Manual Integrations
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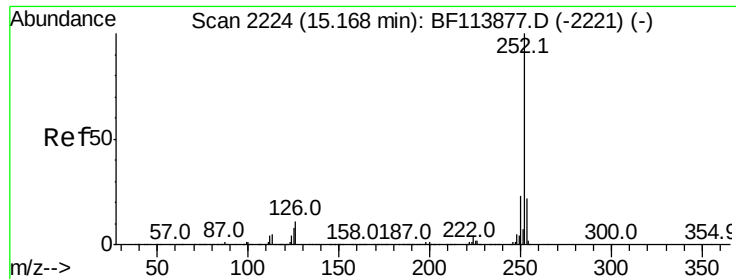
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#88
 Benzo(b)fluoranthene
 Concen: 66.991 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BF114084.D
 Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.2	7.0	10.6





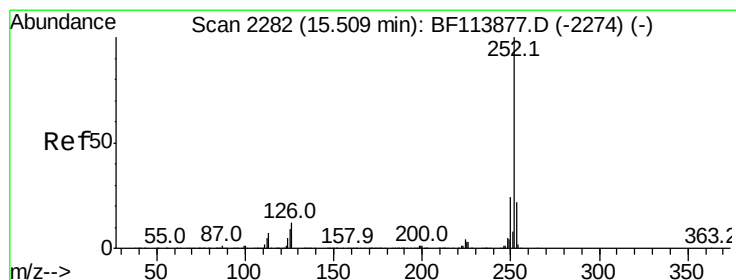
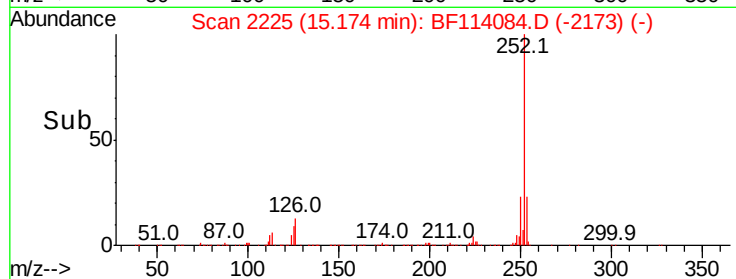
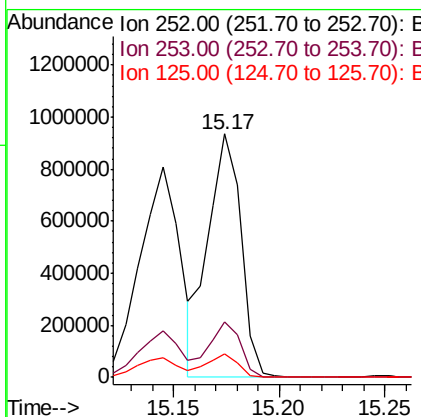
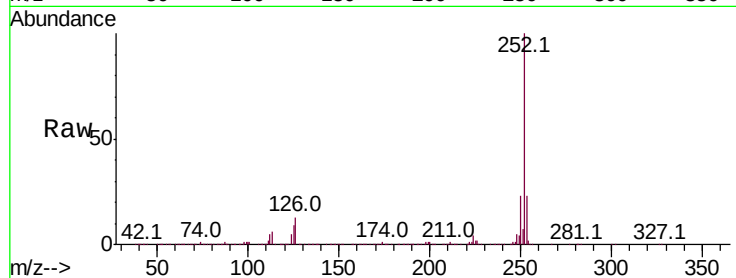
#89
Benzo(k)fluoranthene
Concen: 73.870 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.5	7.4	11.2

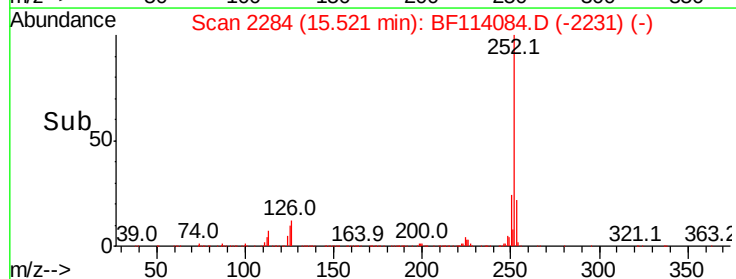
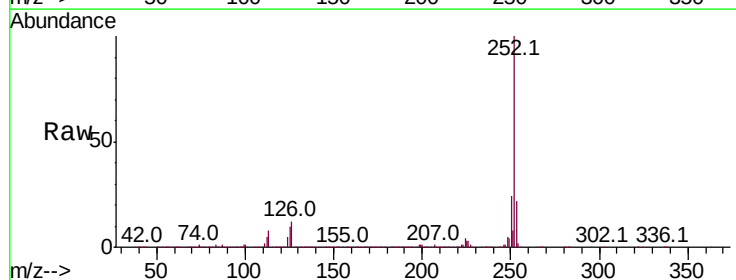
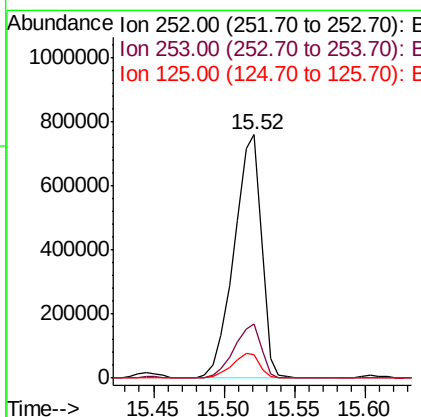
Manual Integrations
APPROVED

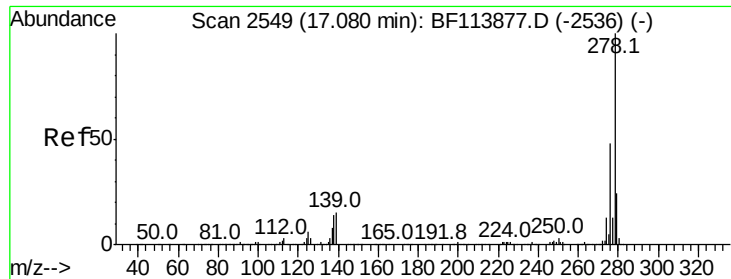
Sohil
5/3/2019 4:32:58 PM



#90
Benzo(a)pyrene
Concen: 74.664 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.7	8.5	12.7





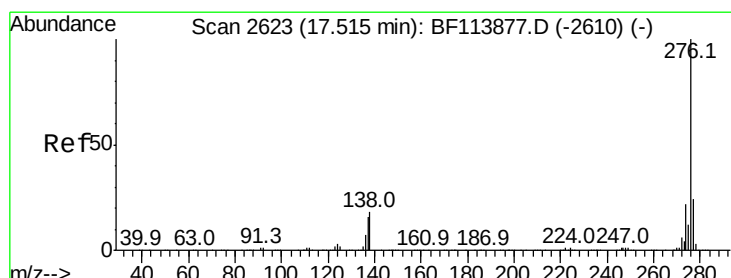
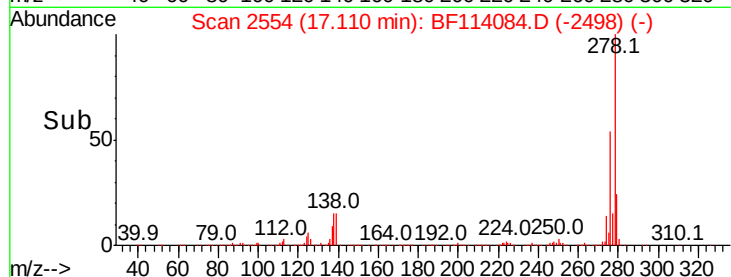
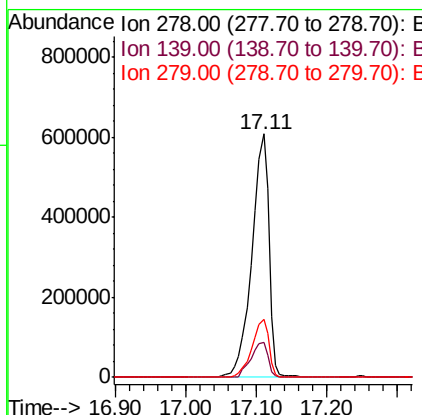
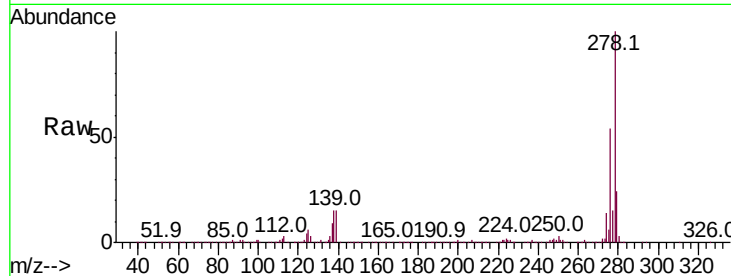
#91
Dibenzo(a,h)anthracene
Concen: 79.587 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.03 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/3/2019 4:32:58 PM



#92
Benzo(g,h,i)perylene
Concen: 81.606 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.04 min
Lab File: BF114084.D
Acq: 2 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.8	16.6	25.0

