

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116526.D
 Acq On : 25 Aug 2019 12:38
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:52:57 AM

Quant Time: Aug 26 06:43:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149883	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	610686	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	322104	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	536519	20.00	ng	0.00
76) Chrysene-d12	14.03	240	351849	20.00	ng	0.00
87) Perylene-d12	15.50	264	313111	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	714780	69.68	ng	0.00
7) Phenol-d6	6.51	99	917710	72.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	871400	78.07	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	231763	83.80	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1542267	77.11	ng	0.00
79) Terphenyl-d14	12.98	244	1543841	81.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	154747	34.842	ng	100
3) Pyridine	3.45	79	458987	33.936	ng	99
4) n-Nitrosodimethylamine	3.40	42	172561	34.949	ng	98
6) Aniline	6.55	93	620574	36.444	ng	99
8) 2-Chlorophenol	6.67	128	392787	36.489	ng	98
9) Benzaldehyde	6.43	77	306085	36.422	ng	98
10) Phenol	6.52	94	515943	37.775	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	383359	36.863	ng	99
12) 1,3-Dichlorobenzene	6.83	146	446962	38.362	ng	97
13) 1,4-Dichlorobenzene	6.90	146	445103	39.693	ng	99
14) 1,2-Dichlorobenzene	7.06	146	415243	39.253	ng	97
15) Benzyl Alcohol	7.02	79	364418	35.802	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	505454	35.152	ng	98
17) 2-Methylphenol	7.13	107	330784	37.088	ng	99
18) Hexachloroethane	7.40	117	167923	38.396	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	296736	34.574	ng	96
20) 3+4-Methylphenols	7.29	107	412520	37.757	ng	93
22) Acetophenone	7.29	105	570174	37.338	ng	98
24) Nitrobenzene	7.46	77	438236	37.911	ng	99
25) Isophorone	7.70	82	789935	35.911	ng	98
26) 2-Nitrophenol	7.78	139	206302	48.859	ng	94
27) 2,4-Dimethylphenol	7.82	122	328391	37.274	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	496564	36.554	ng	99
29) 2,4-Dichlorophenol	8.02	162	324991	38.789	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	382487	40.551	ng	99
31) Naphthalene	8.19	128	1140563	38.608	ng	99
32) Benzoic acid	7.93	122	240045m	42.619	ng	
33) 4-Chloroaniline	8.23	127	502017	38.709	ng	97
34) Hexachlorobutadiene	8.31	225	215896	41.969	ng	100
35) Caprolactam	8.60	113	102129	34.994	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	347027	36.708	ng	92
37) 2-Methylnaphthalene	8.87	142	763929	37.662	ng	98
38) 1-Methylnaphthalene	8.97	142	717332	37.858	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	350648	40.462	ng	98

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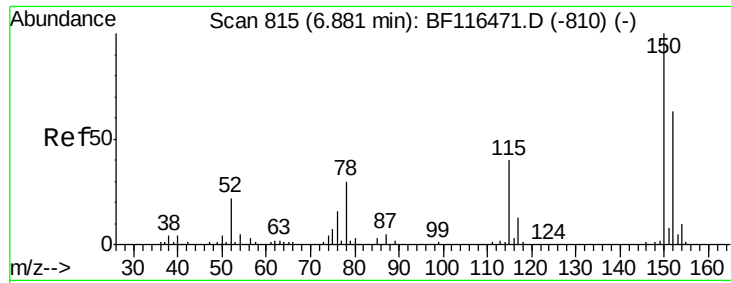
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	188278	40.381	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	241226	39.773	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	241729	39.170	nq	98
46) 1,1'-Biphenyl	9.34	154	980893	38.089	nq	99
47) 2-Chloronaphthalene	9.37	162	756538	37.893	nq	99
48) 2-Nitroaniline	9.45	65	237251	38.811	nq	96
49) Acenaphthylene	9.78	152	1102687	37.751	nq	99
50) Dimethylphthalate	9.64	163	855331	38.060	nq	100
51) 2,6-Dinitrotoluene	9.70	165	190910	41.503	nq	90
52) Acenaphthene	9.95	154	722792	38.563	nq	99
53) 3-Nitroaniline	9.86	138	211853	38.637	nq	96
54) 2,4-Dinitrophenol	9.96	184	71709	44.044	nq	# 14
55) Dibenzofuran	10.12	168	991393	37.945	nq	98
56) 4-Nitrophenol	10.01	139	145957	34.248	nq	96
57) 2,4-Dinitrotoluene	10.10	165	244473	41.767	nq	90
58) Fluorene	10.47	166	747064	36.803	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	203149	40.091	nq	97
60) Diethylphthalate	10.34	149	851110	38.532	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	380834	38.457	nq	98
62) 4-Nitroaniline	10.47	138	195611	36.476	nq	93
63) Azobenzene	10.62	77	834488	36.744	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	103442	47.163	nq	93
66) n-Nitrosodiphenylamine	10.57	169	670123	38.574	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	234074	41.615	nq	95
68) Hexachlorobenzene	11.02	284	251537	40.432	nq	94
69) Atrazine	11.10	200	215751	41.450	nq	99
70) Pentachlorophenol	11.20	266	148208	40.832	nq	99
71) Phenanthrene	11.43	178	1124308	38.468	nq	99
72) Anthracene	11.47	178	1114372	37.943	nq	99
73) Carbazole	11.63	167	962954	36.527	nq	100
74) Di-n-butylphthalate	11.96	149	1307493	40.024	nq	99
75) Fluoranthene	12.61	202	1122959	37.163	nq	98
77) Benzidine	12.72	184	448415	31.677	nq	99
78) Pyrene	12.84	202	1114684	39.615	nq	99
80) Butylbenzylphthalate	13.46	149	529517	43.575	nq	99
81) Benzo(a)anthracene	14.02	228	871145	38.228	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	292793	36.054	nq	99
83) Chrysene	14.06	228	879716	38.088	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	704485	43.477	nq	100
85) Di-n-octyl phthalate	14.63	149	1167250	42.431	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	650455	32.876	nq	98
88) Benzo(b)fluoranthene	15.07	252	784938	40.581	nq	98
89) Benzo(k)fluoranthene	15.10	252	699595	39.924	nq	98
90) Benzo(a)pyrene	15.44	252	657786	38.478	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	528683	37.636	nq	99
92) Benzo(g,h,i)perylene	17.40	276	516989	38.605	nq	98

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



#1

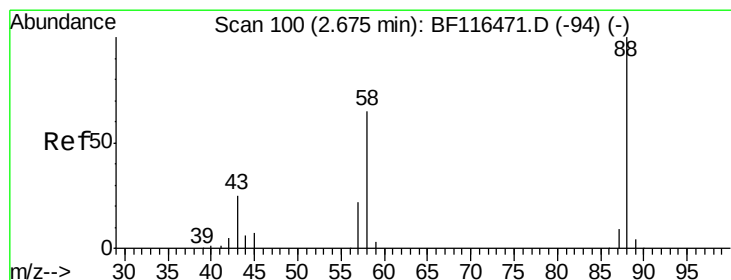
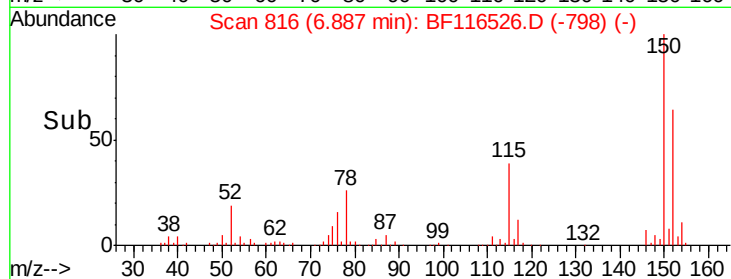
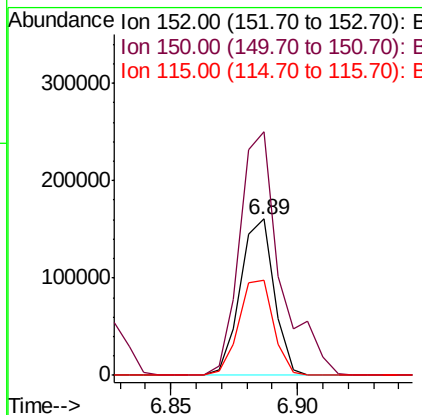
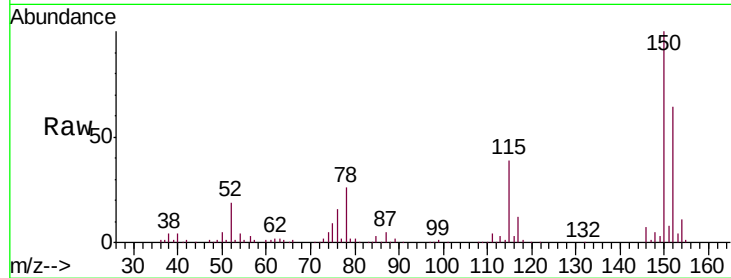
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.7	190.1
115	61.0	50.9	76.3

Manual Integrations
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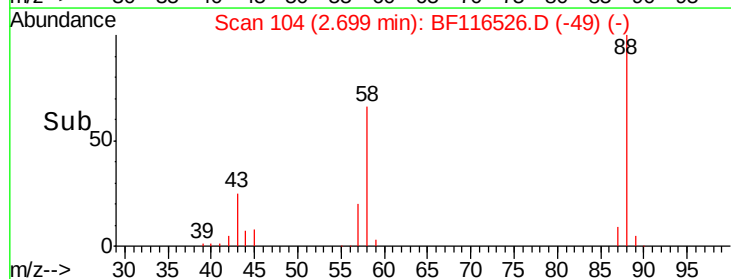
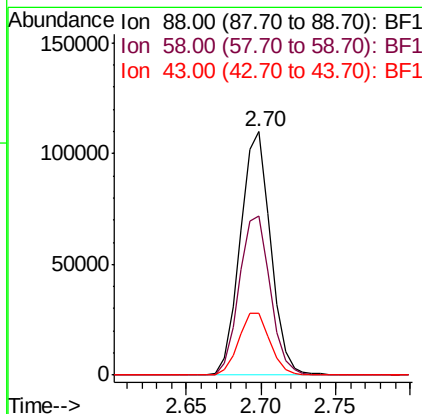
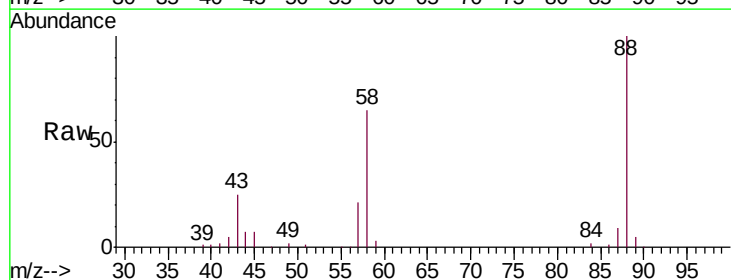
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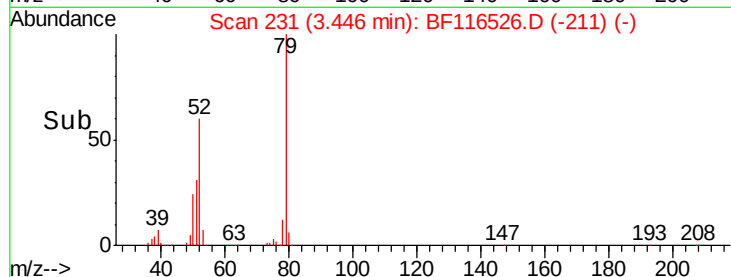
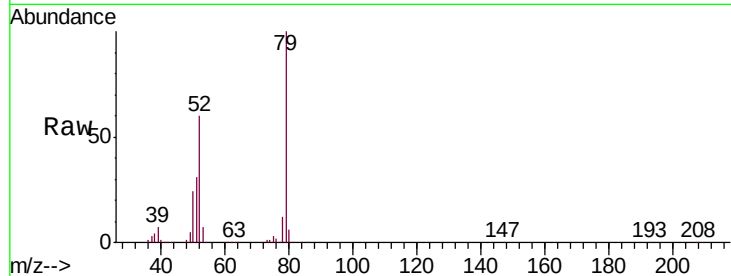
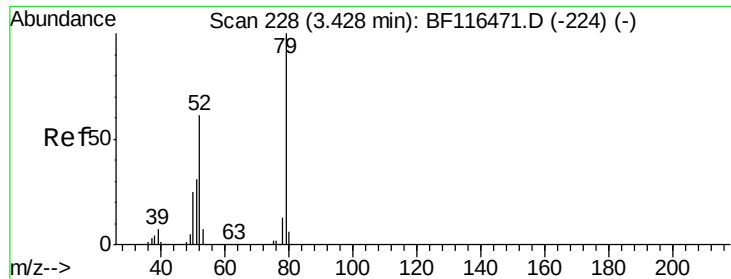


#2

1,4-Dioxane
Concen: 34.842 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.4	80.0
43	26.2	21.2	31.8





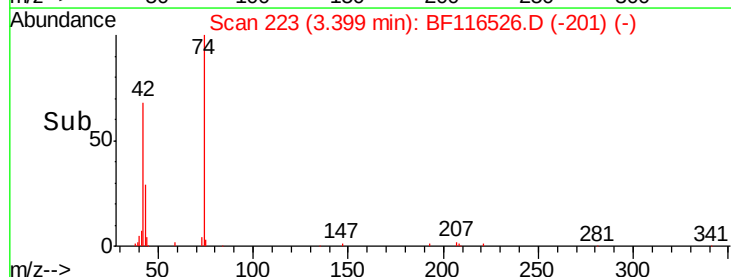
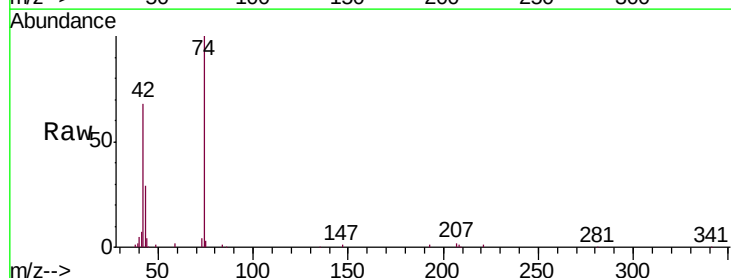
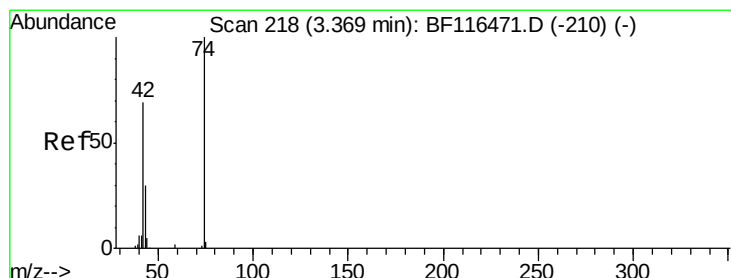
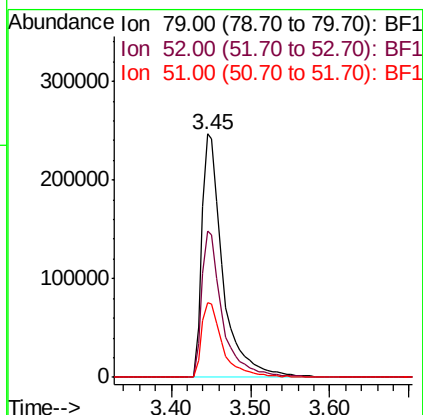
#3
Pvridine
Concen: 33.936 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.02 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tot Ion: 79 Resp: 458987
Ion Ratio Lower Upper
79 100
52 60.1 48.8 73.2
51 30.8 25.2 37.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

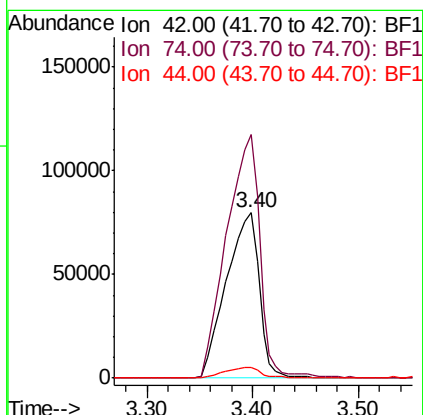
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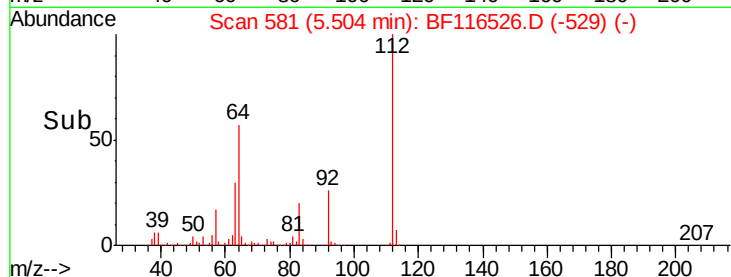
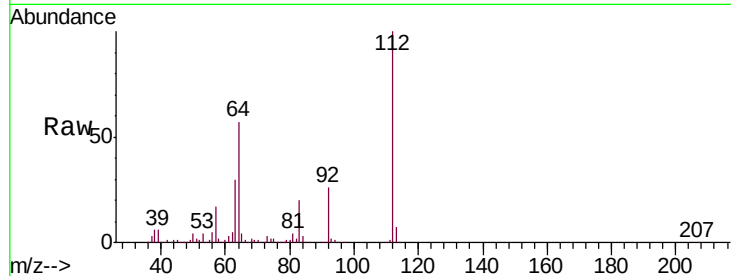
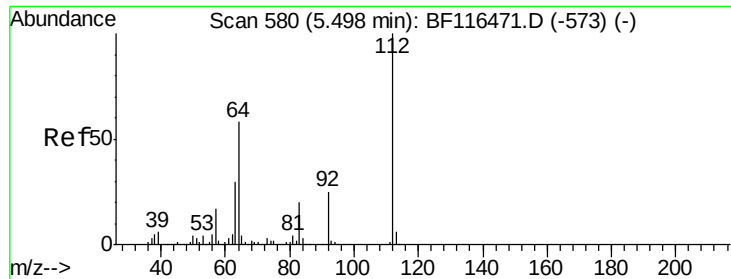
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#4
n-Nitrosodimethylamine
Concen: 34.949 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.03 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion: 42 Resp: 172561
Ion Ratio Lower Upper
42 100
74 147.2 115.3 172.9
44 6.6 5.8 8.8





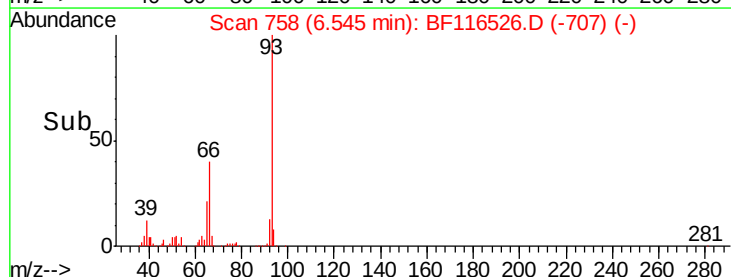
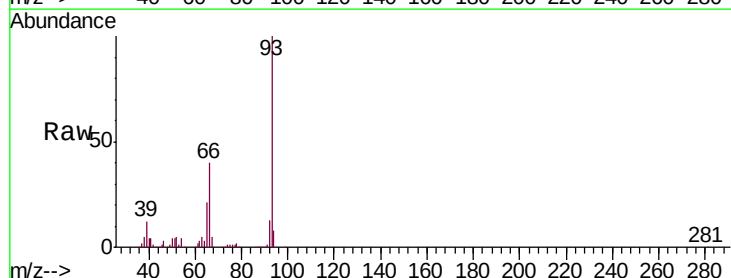
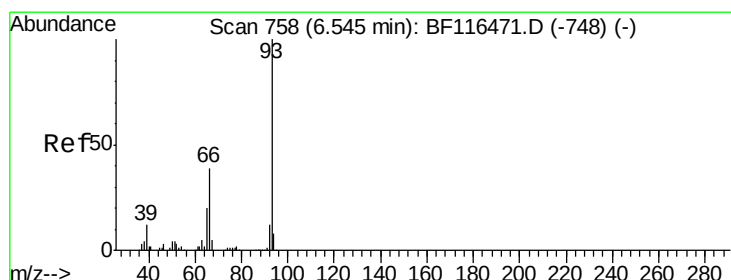
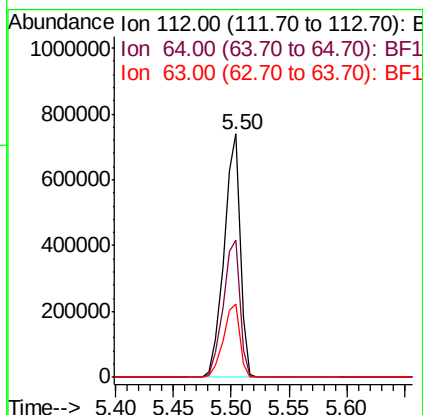
#5
2-Fluorophenol
Concen: 69.681 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tot Ion	Ratio	Resp	Lower	Upper
112	100	714780		
64	56.5	46.3	69.5	
63	29.9	24.2	36.4	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

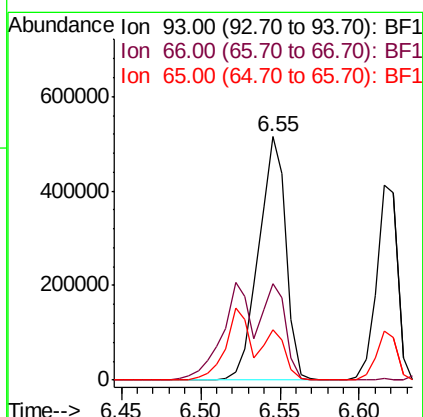
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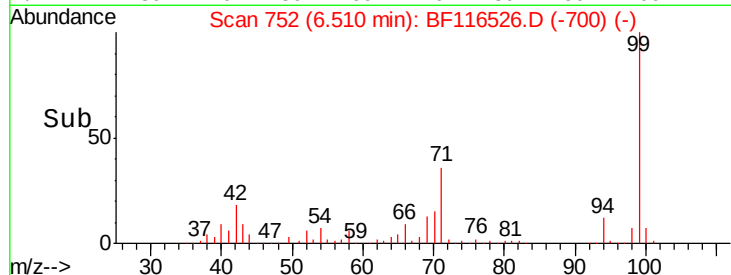
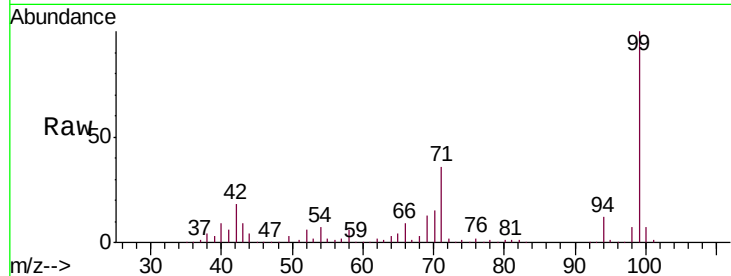
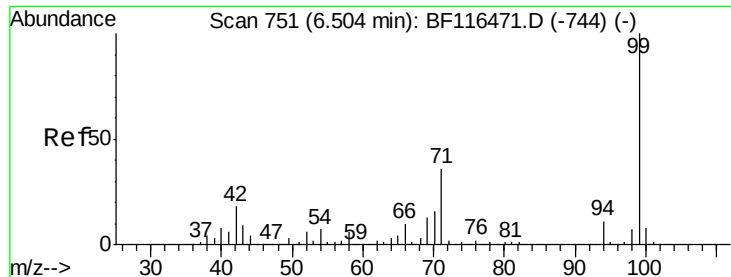
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#6
Aniline
Concen: 36.444 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	620574		
66	39.9	32.2	48.2	
65	20.7	16.3	24.5	





#7

Phenol-d6

Concen: 72.963 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		917710		
42	17.6	14.6	21.8		
71	35.8	28.5	42.7		

Instrument :

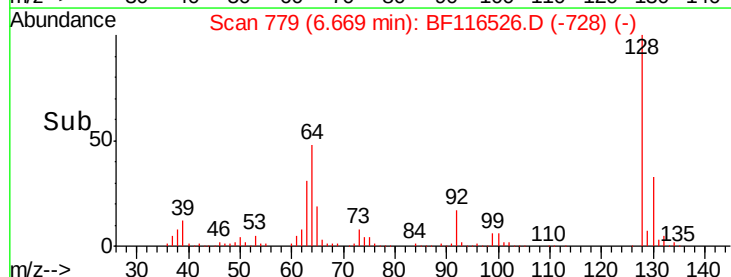
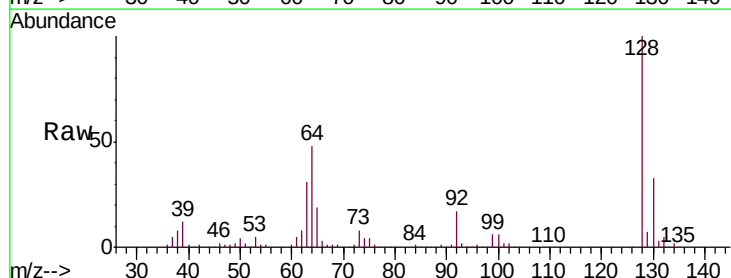
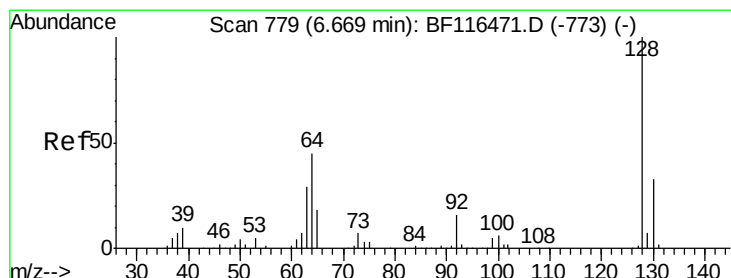
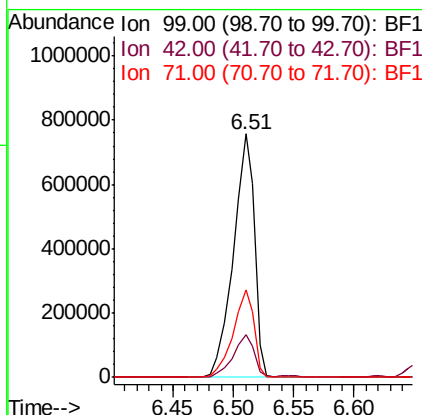
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 36.489 ng

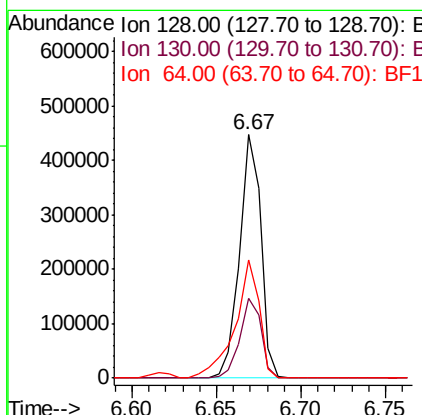
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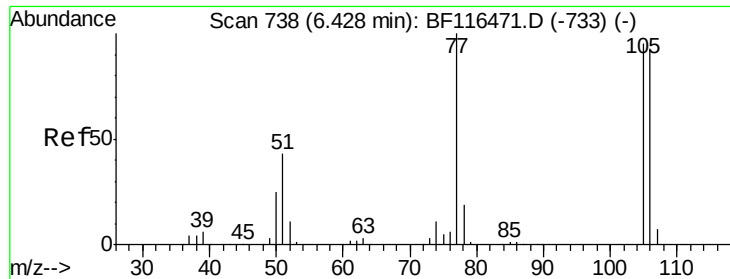
Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		392787		
130	32.6	13.4	53.4		
64	48.3	26.3	66.3		





#9

Benzaldehyde

Concen: 36.422 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

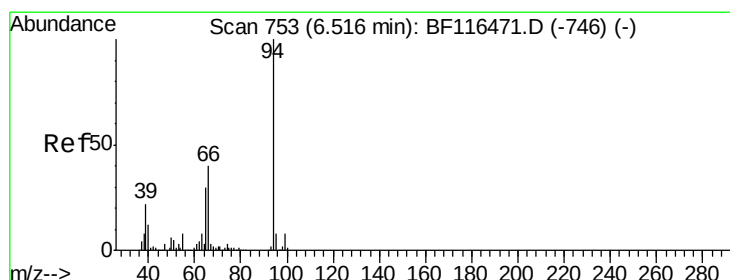
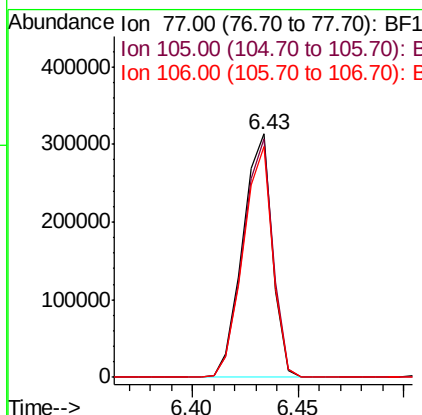
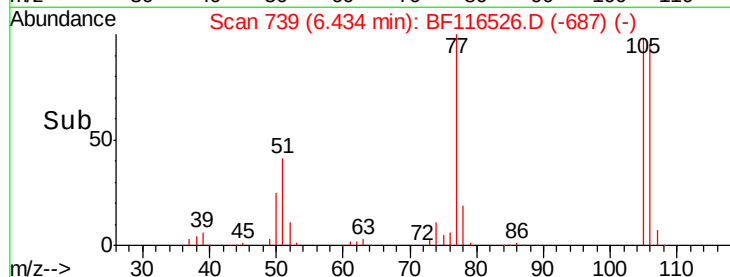
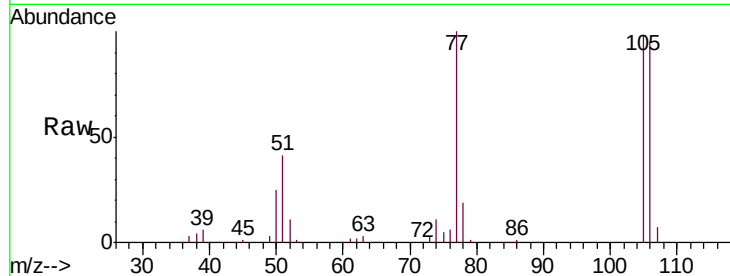
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	306085
Ion Ratio	Lower	Upper	
77	100		
105	97.8	75.5	115.5
106	94.8	73.2	113.2

Manual Integrations
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#10

Phenol

Concen: 37.775 ng

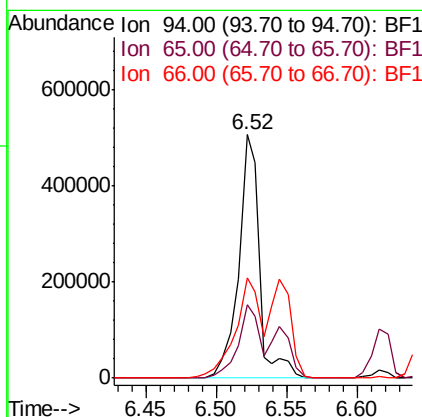
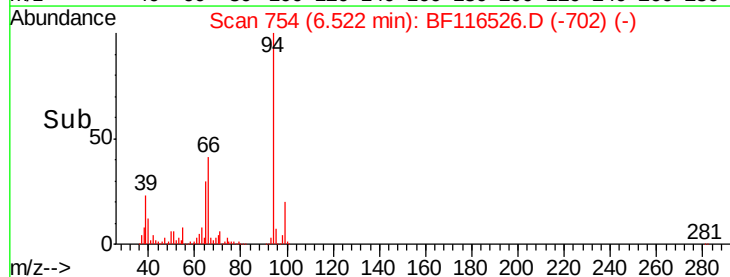
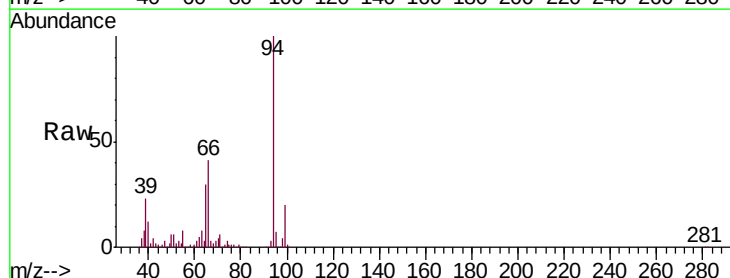
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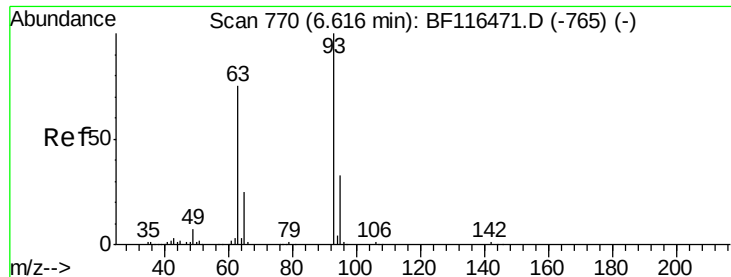
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	94	Resp:	515943
Ion Ratio	Lower	Upper	
94	100		
65	30.3	10.0	50.0
66	41.0	19.8	59.8





#11

bis(2-Chloroethyl)ether

Concen: 36.863 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

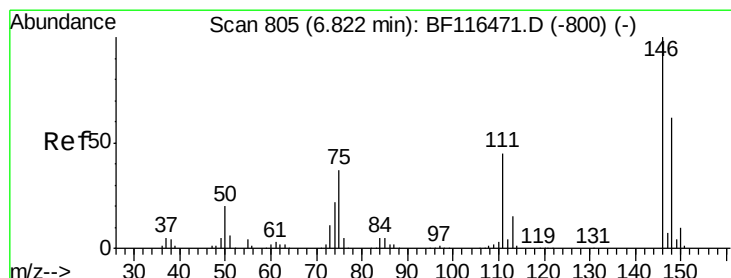
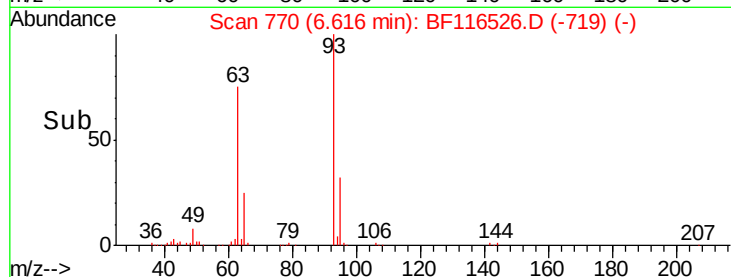
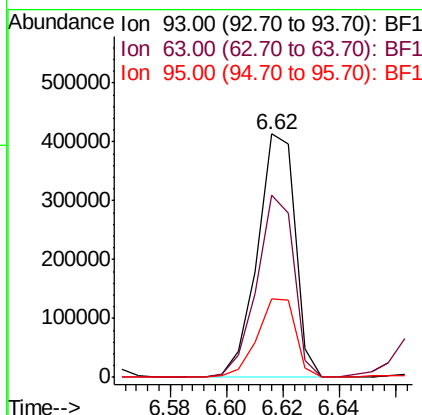
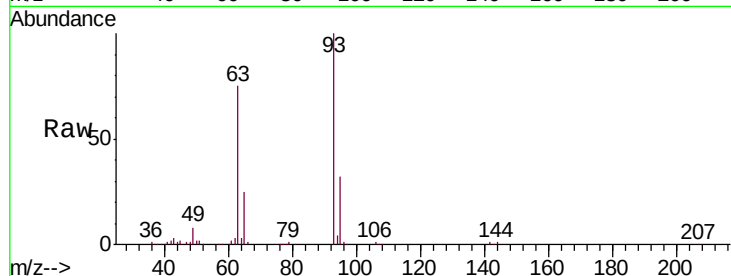
ClientSampled :

SSTDCCC040

Tot Ion:	93	Resp:	383359
Ion	Ratio	Lower	Upper
93	100		
63	74.9	54.3	94.3
95	32.2	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.362 ng

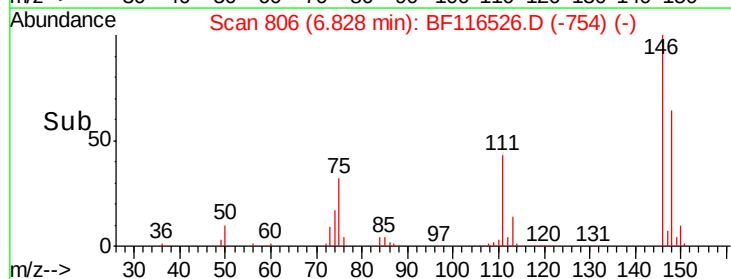
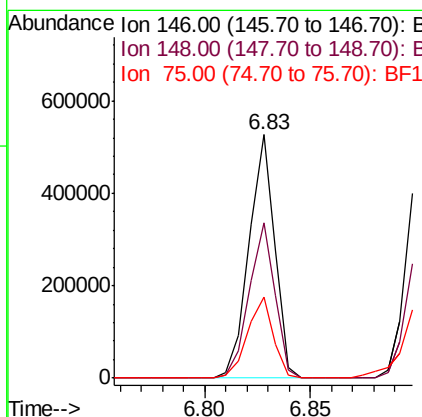
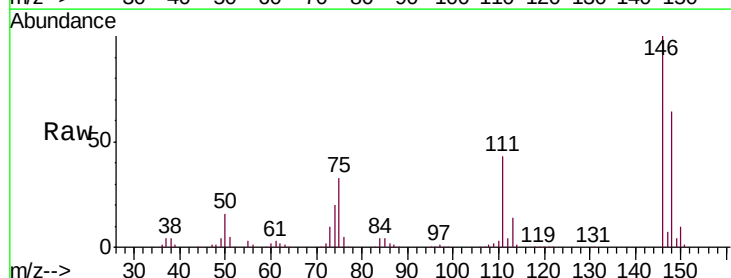
RT: 6.83 min Scan# 806

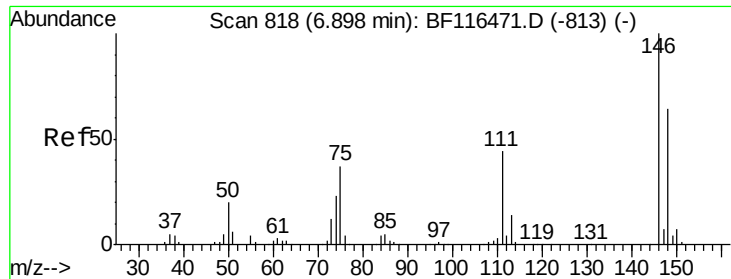
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	146	Resp:	446962
Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.8
75	33.1	29.3	43.9





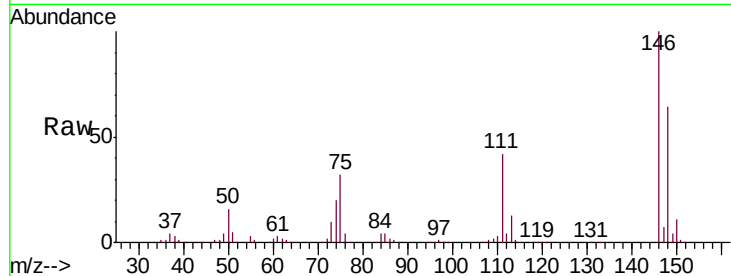
#13
 1,4-Dichlorobenzene
 Concen: 39.693 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		445103		
148	63.7	51.0	76.4		
111	42.0	35.4	53.2		

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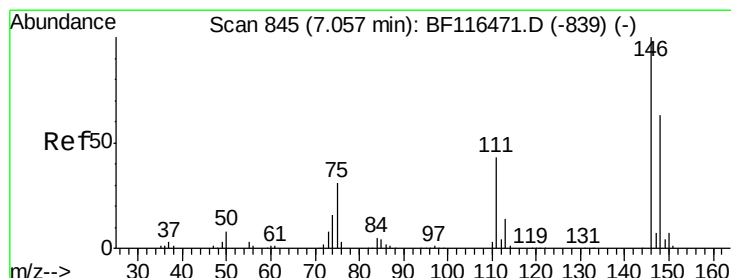
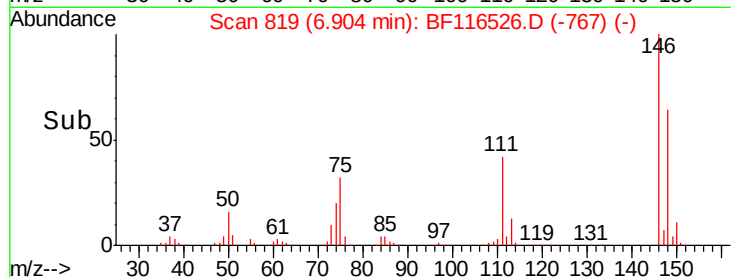
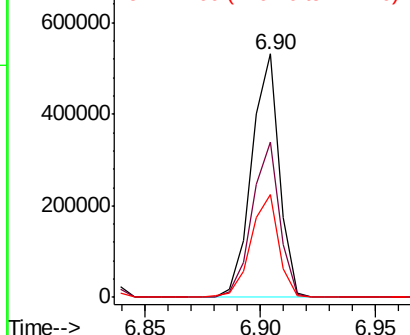


Abundance

Ion 146.00 (145.70 to 146.70): E

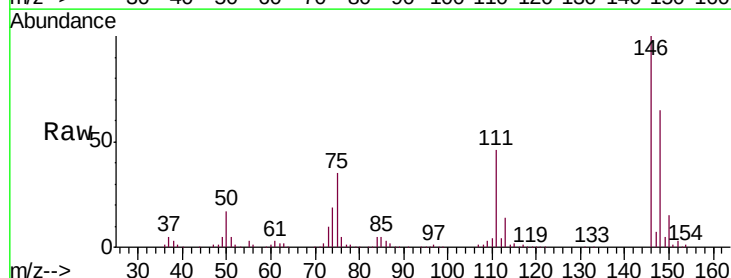
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.253 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		415243		
148	65.0	50.8	76.2		
111	45.7	34.5	51.7		

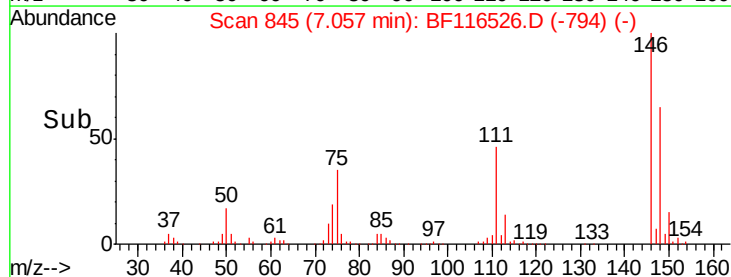
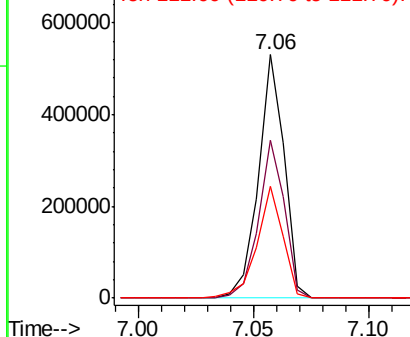


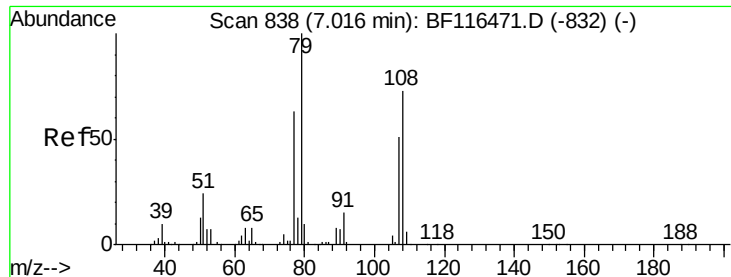
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.802 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

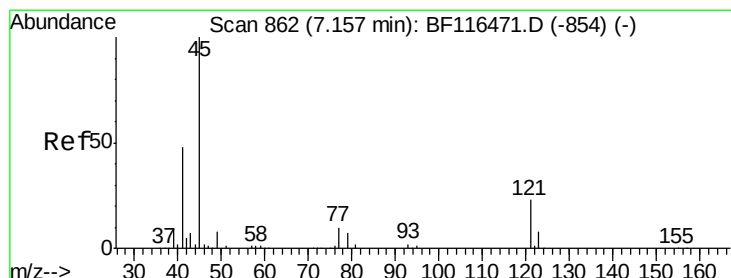
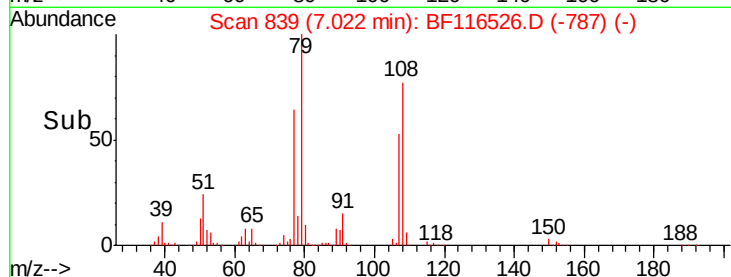
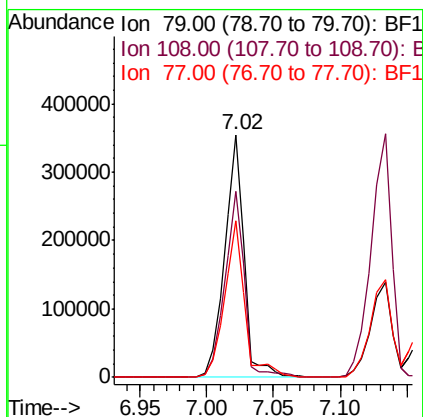
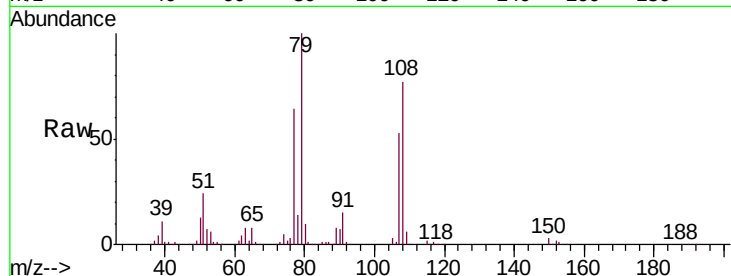
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	364418
Ion Ratio	Lower	Upper	
79	100		
108	76.8	58.1	87.1
77	64.5	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.152 ng

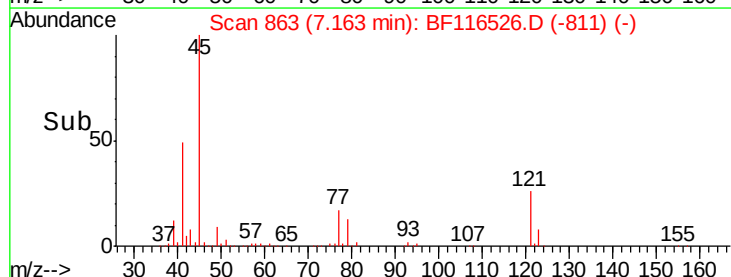
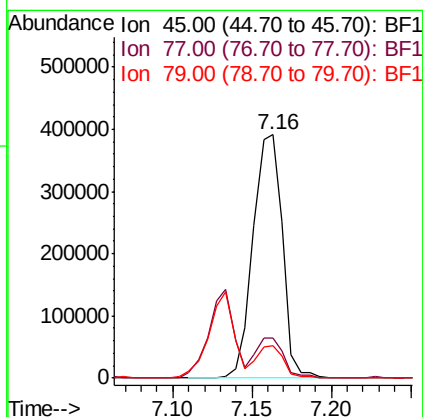
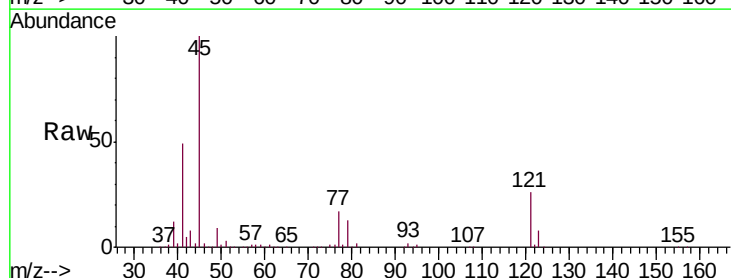
RT: 7.16 min Scan# 863

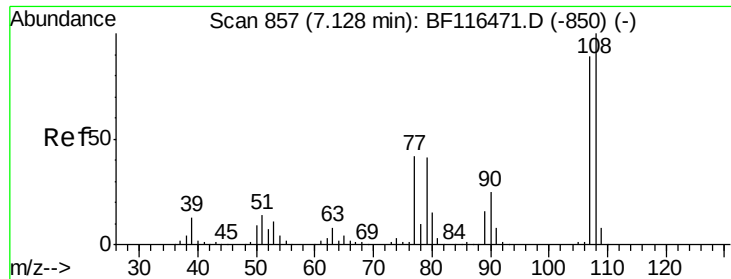
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	45	Resp:	505454
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	36.1
79	13.5	0.0	32.3





#17

2-Methylphenol

Concen: 37.088 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

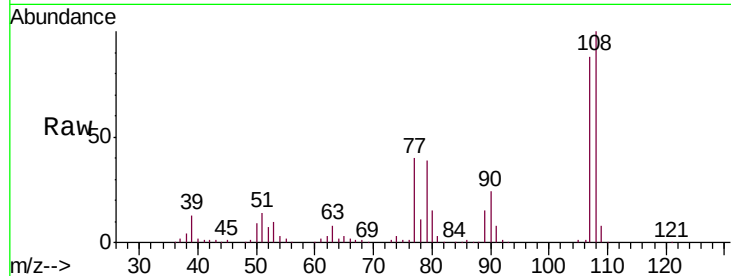
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	330784
Ion Ratio	Lower	Upper	
107	100		
108	113.7	90.0	135.0
77	45.9	37.6	56.4
79	44.5	36.8	55.2

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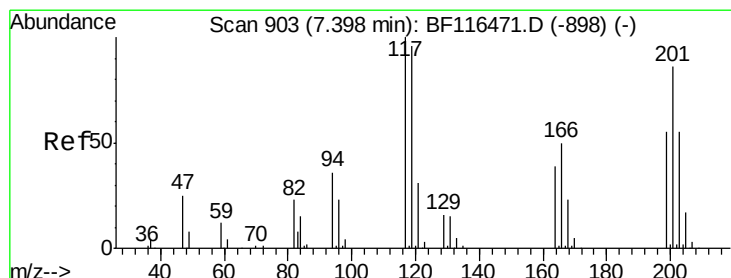
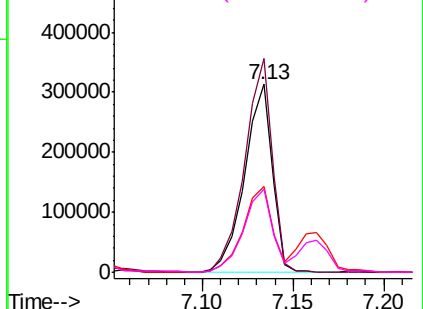
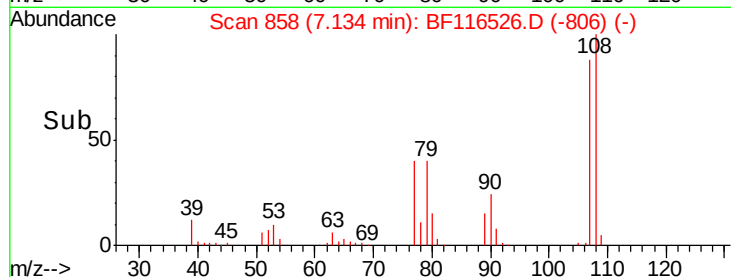
Abundance

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: 38.396 ng

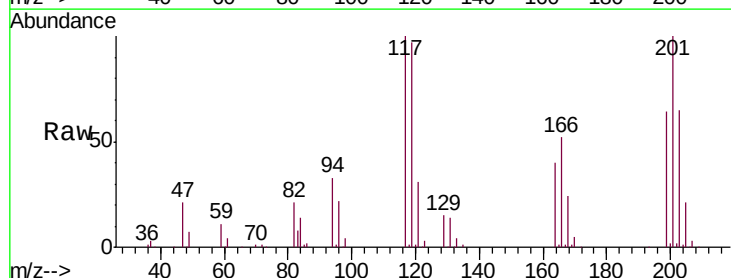
RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	117	Resp:	167923
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.0	115.6
201	99.5	69.1	103.7

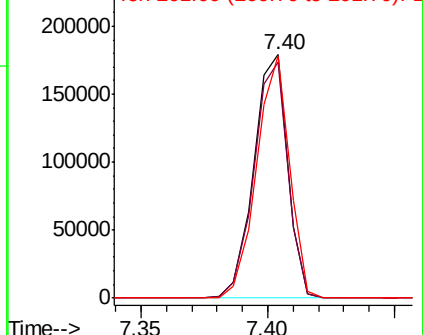
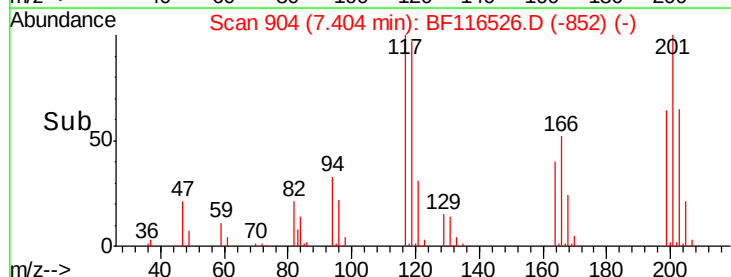


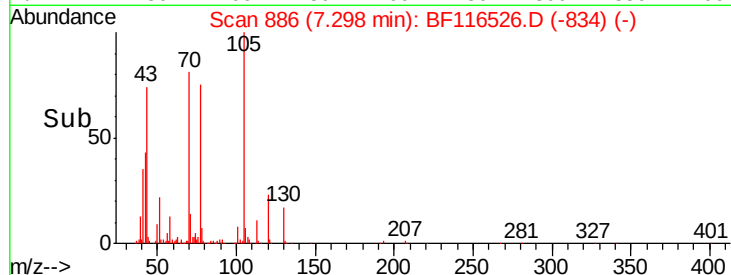
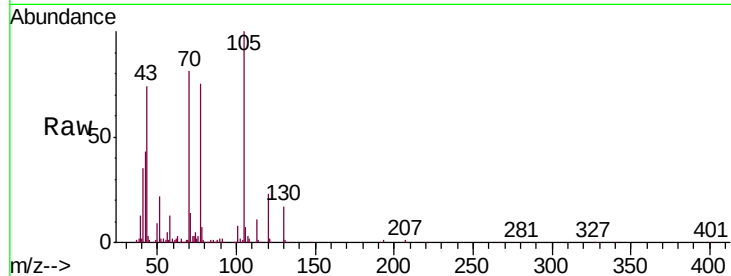
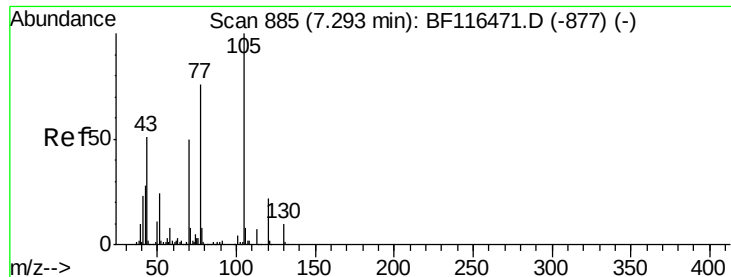
Abundance

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





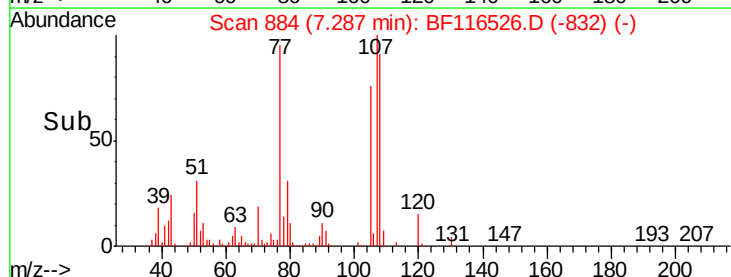
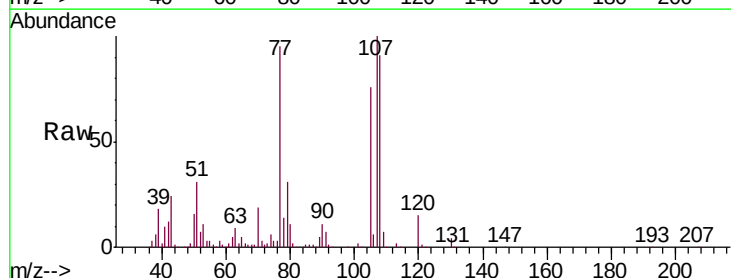
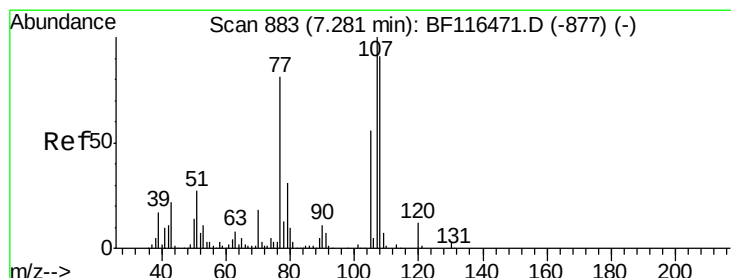
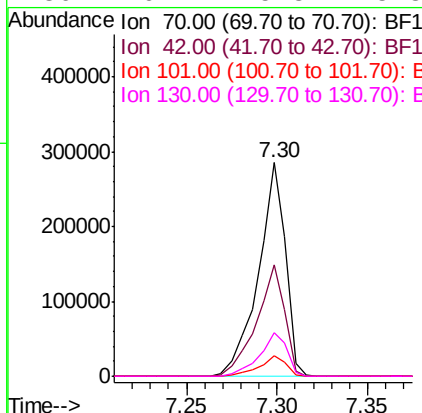
#19
n-Nitroso-di-n-propylamine
Concen: 34.574 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.2	44.4	66.6	
101	9.6	7.1	10.7	
130	20.4	15.8	23.8	

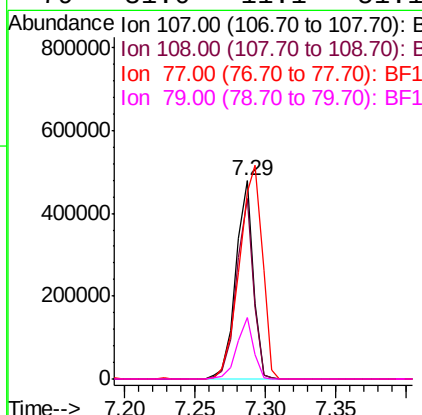
Manual Integrations
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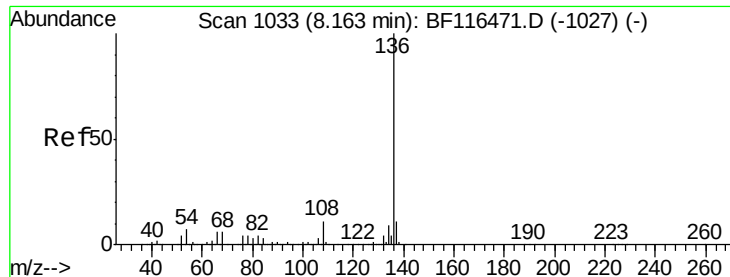
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#20
3+4-Methylphenols
Concen: 37.757 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	70.7	110.7	
77	94.6	60.6	100.6	
79	31.0	11.1	51.1	





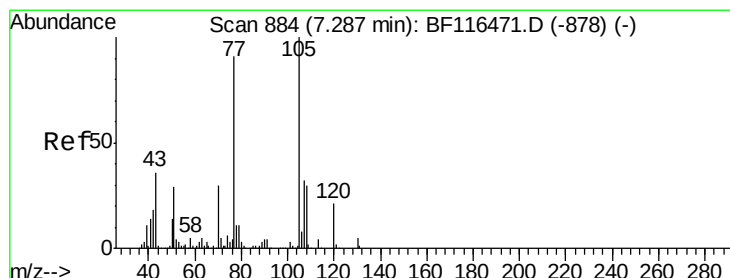
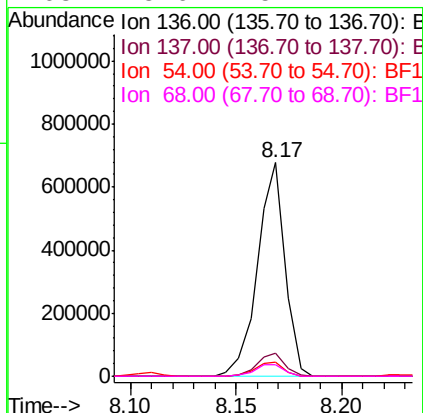
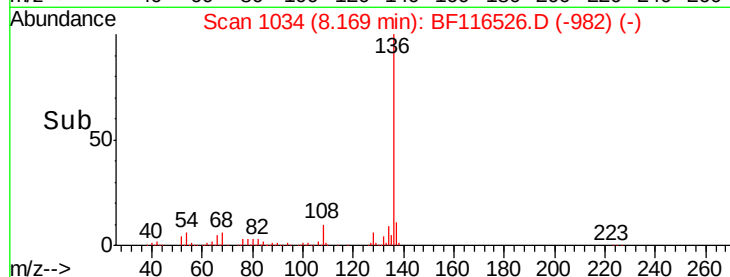
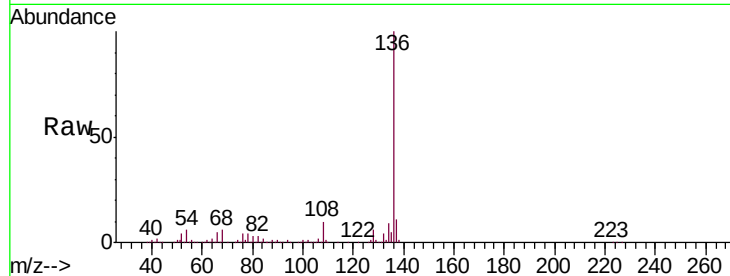
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.4	5.8	8.6
68	5.6	5.1	7.7

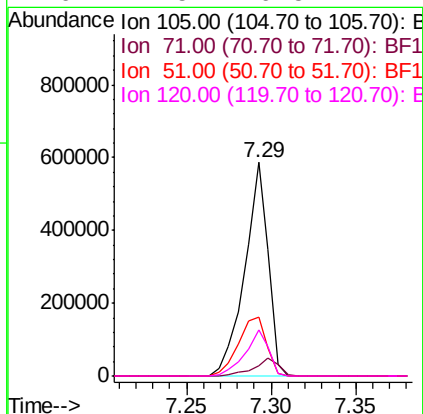
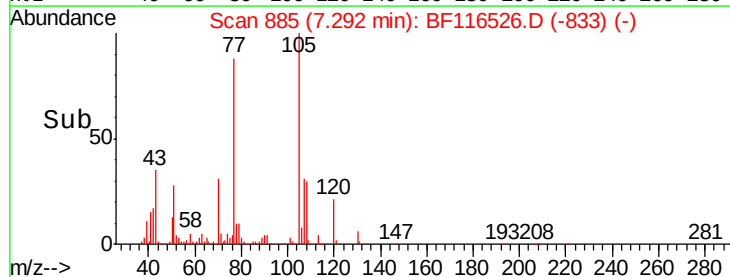
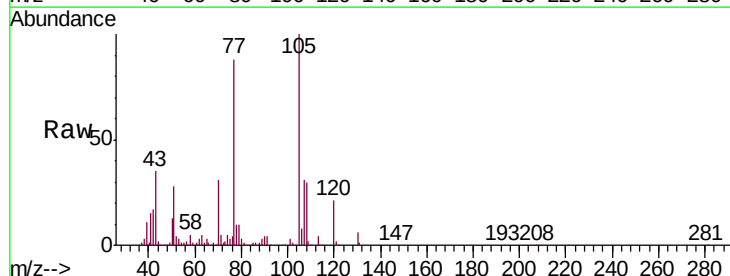
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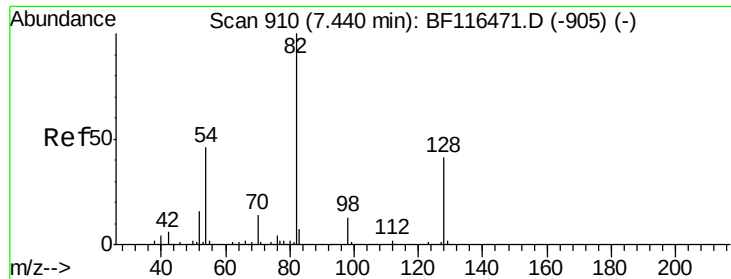
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#22
Acetophenone
Concen: 37.338 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.0	4.2	6.2
51	27.7	23.0	34.4
120	21.5	16.5	24.7





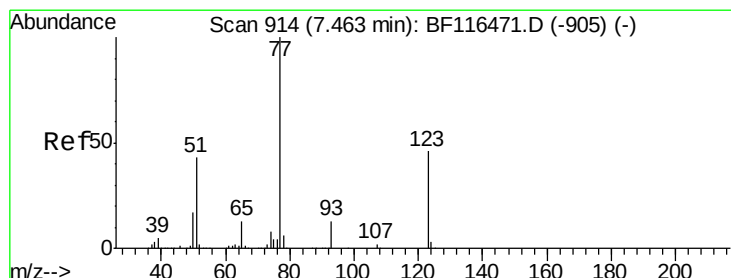
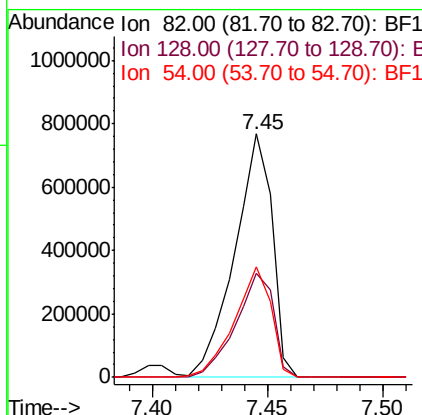
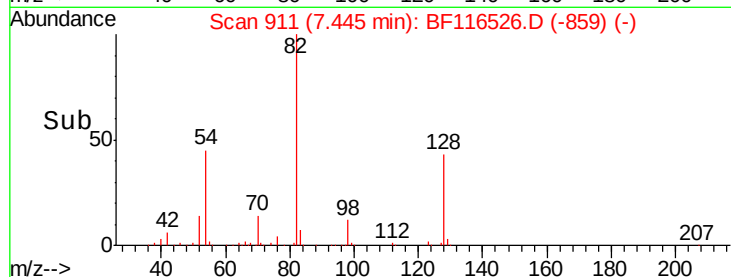
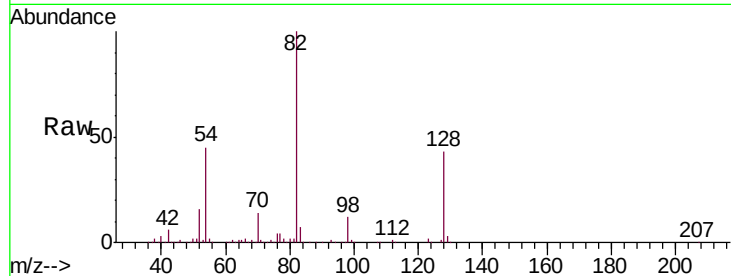
#23
Nitrobenzene-d5
Concen: 78.067 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.4
54	45.2	36.5	54.7

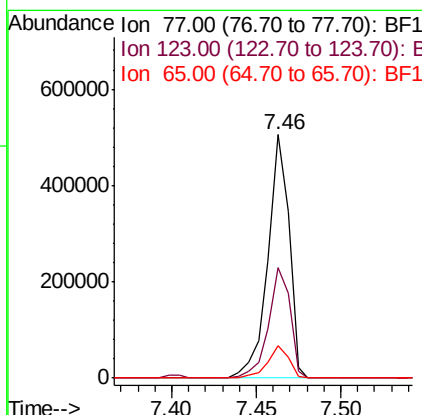
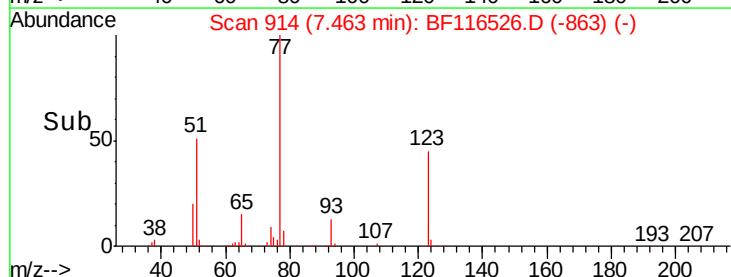
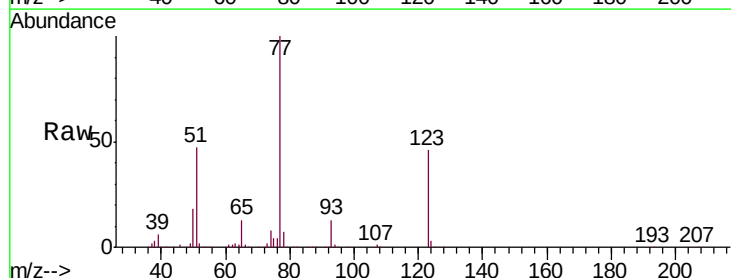
Manual Integrations
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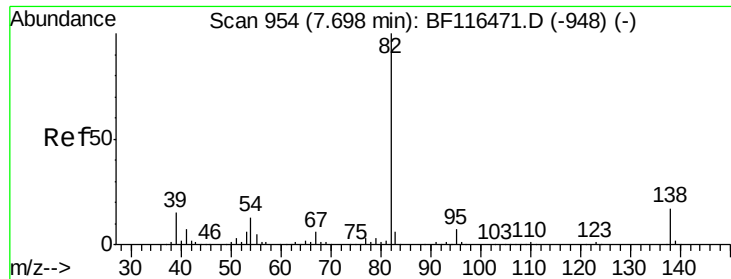
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#24
Nitrobenzene
Concen: 37.911 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	13.4	10.5	15.7





#25

Isophorone

Concen: 35.911 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

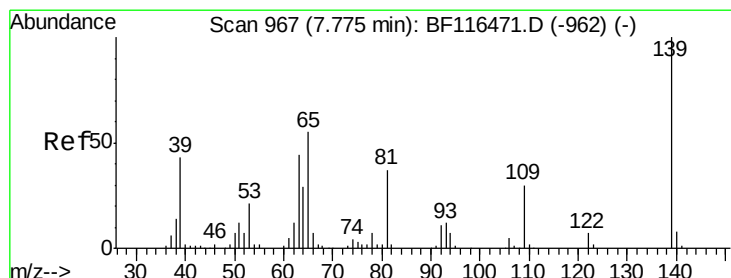
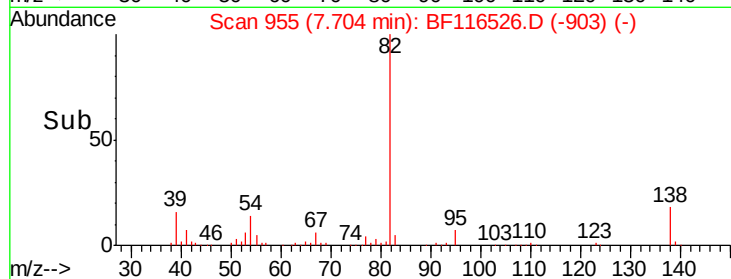
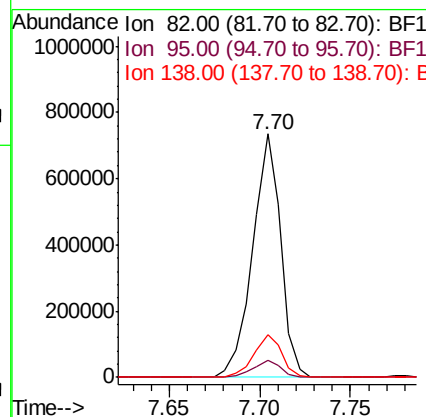
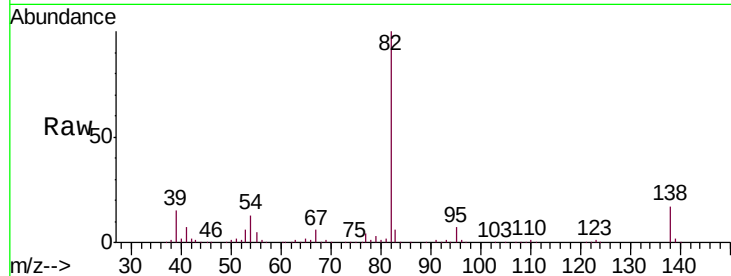
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	789935
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	17.3	13.3	19.9

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#26

2-Nitrophenol

Concen: 48.859 ng

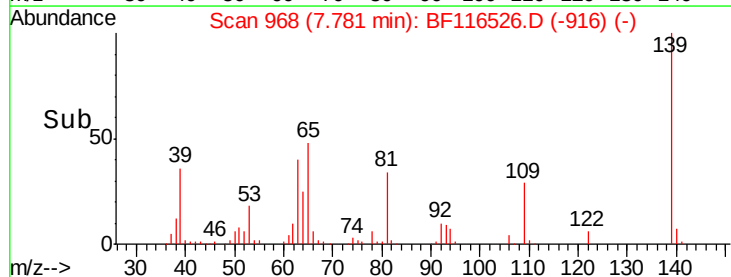
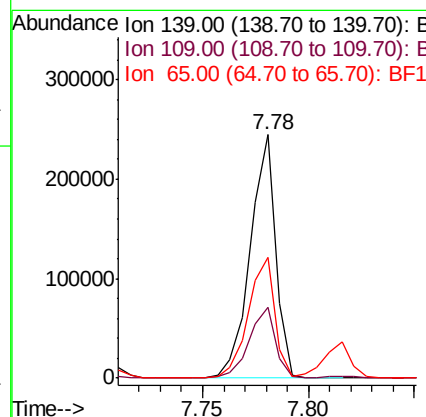
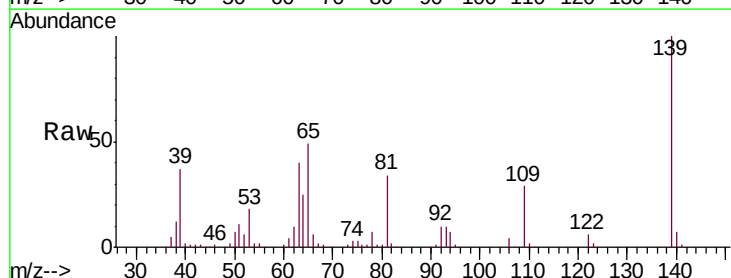
RT: 7.78 min Scan# 968

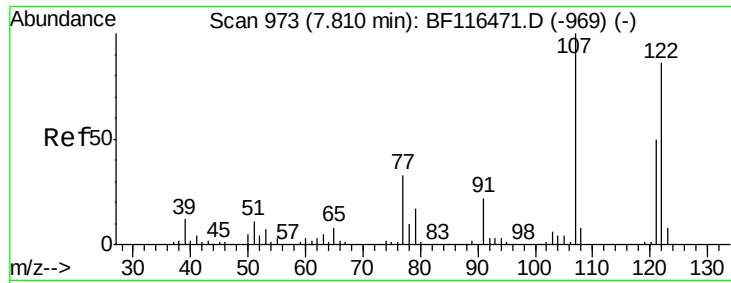
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	139	Resp:	206302
Ion Ratio	Lower	Upper	
139	100		
109	29.2	24.3	36.5
65	49.4	44.0	66.0





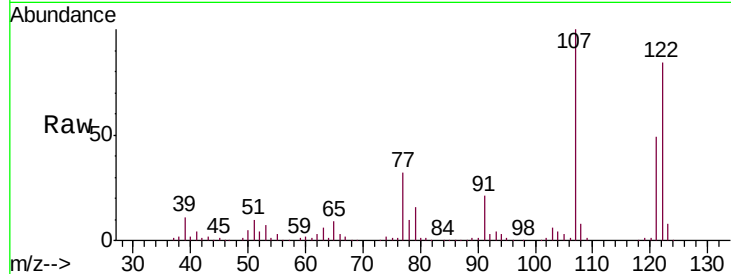
#27
 2,4-Dimethylphenol
 Concen: 37.274 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	328391		
107	119.7	92.4	138.6	
121	59.2	46.2	69.4	

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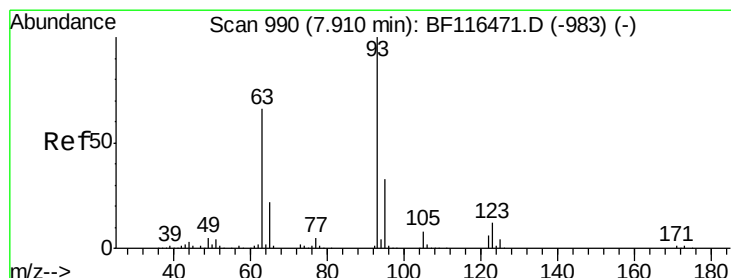
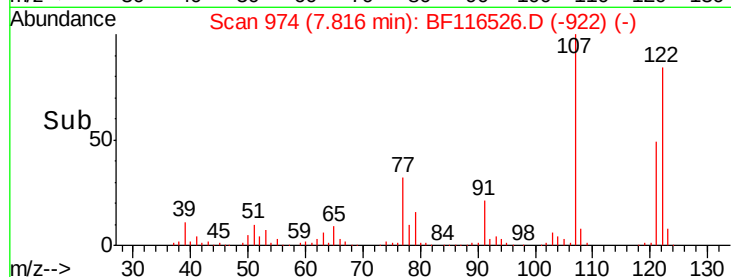
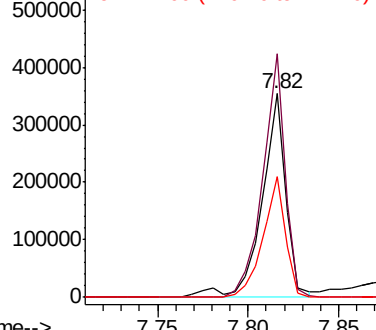


Abundance

Ion 122.00 (121.70 to 122.70): E

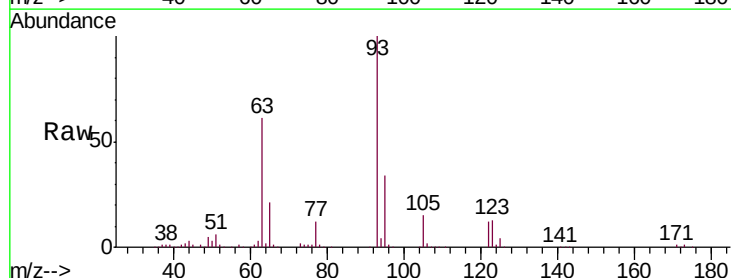
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.554 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	496564		
95	33.7	26.3	39.5	
123	12.9	9.8	14.6	

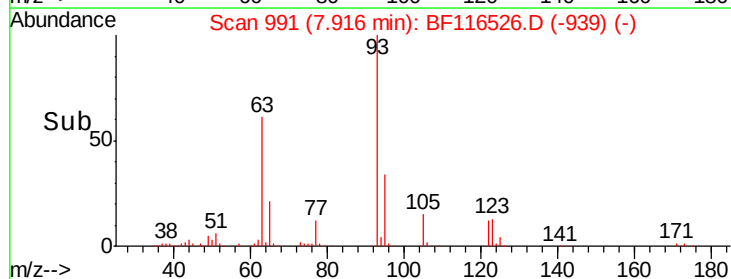
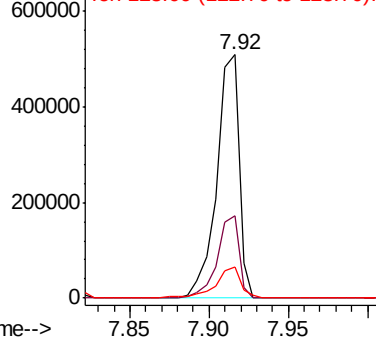


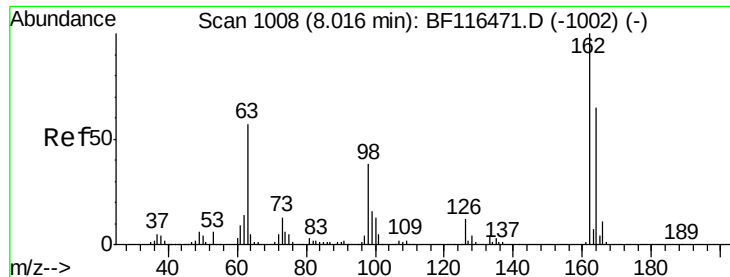
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





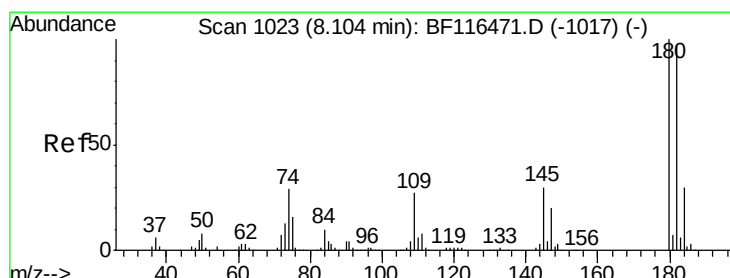
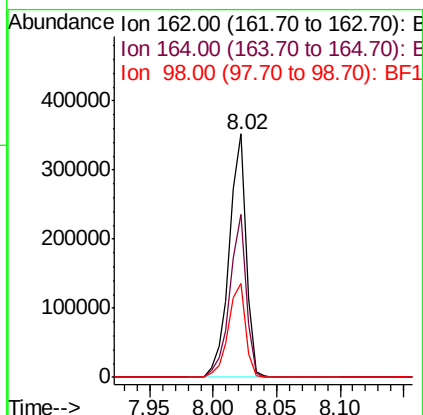
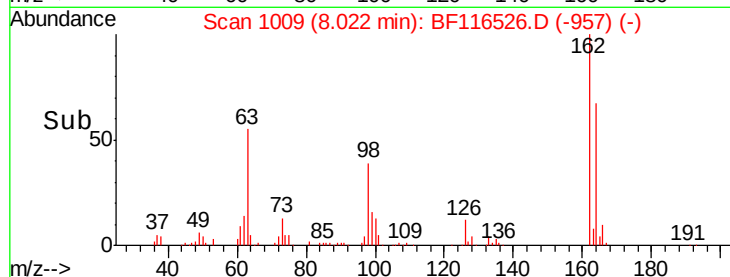
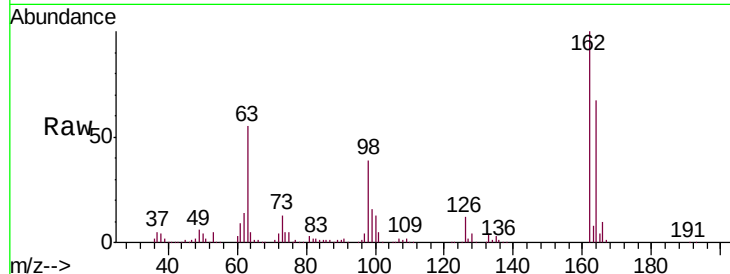
#29
2,4-Dichlorophenol
Concen: 38.789 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324991		
164	66.7	44.9	84.9	
98	38.7	17.9	57.9	

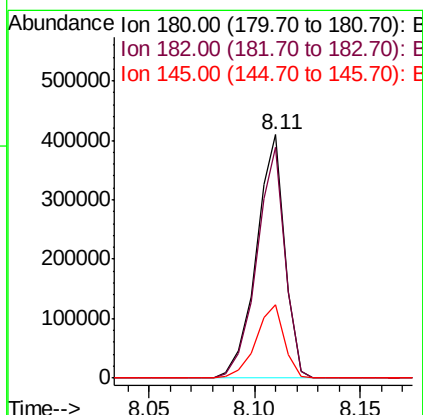
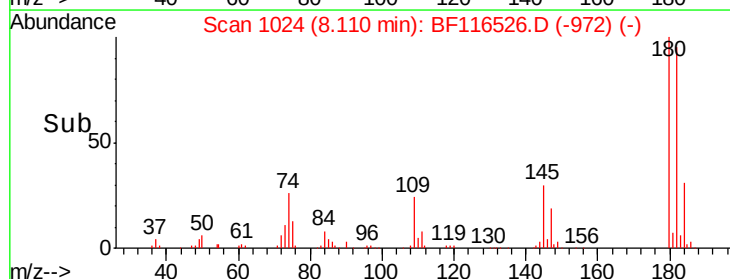
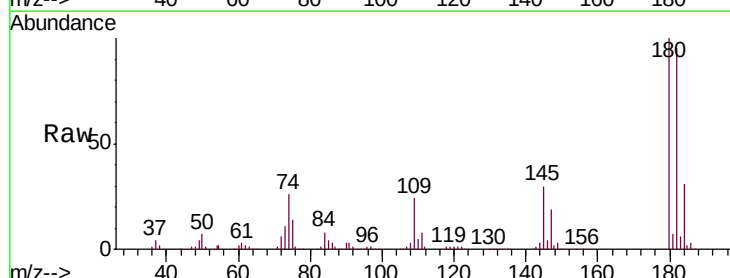
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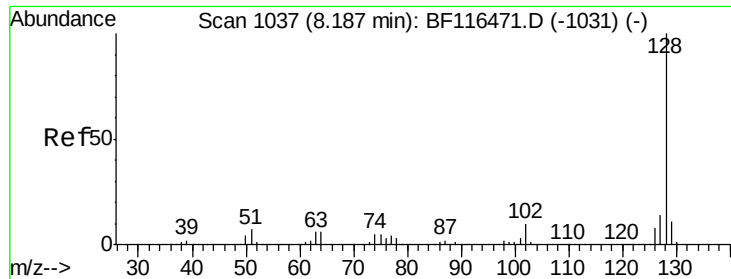
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#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	382487		
182	95.0	77.4	116.0	
145	30.3	24.3	36.5	





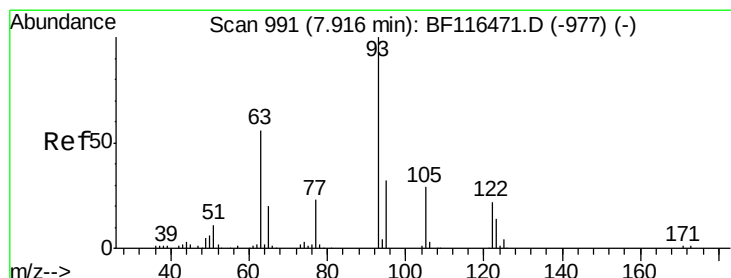
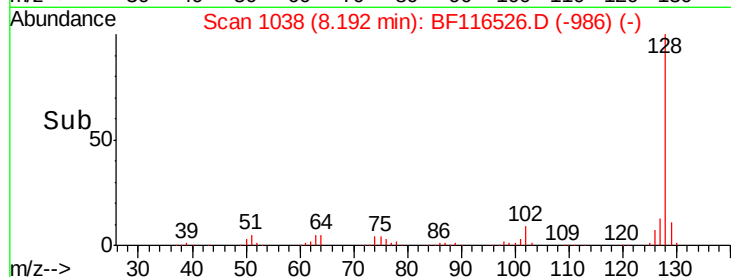
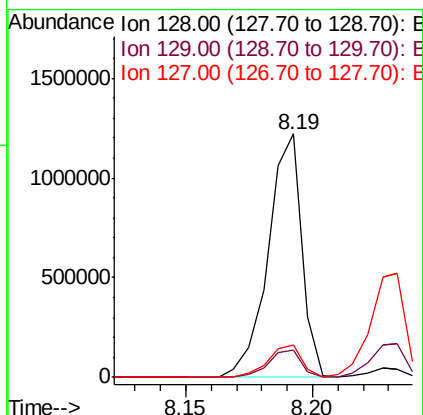
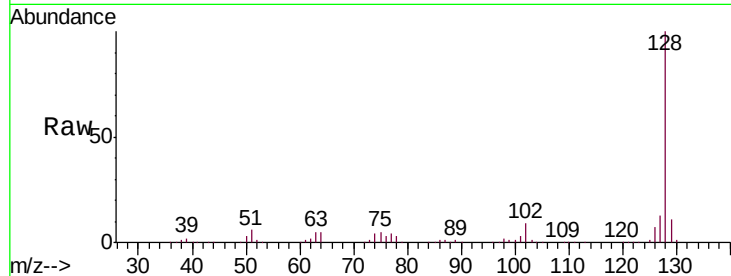
#31
Naphthalene
Concen: 38.608 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1140563
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.9 16.3

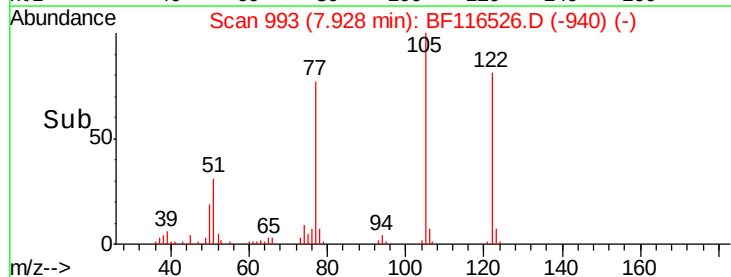
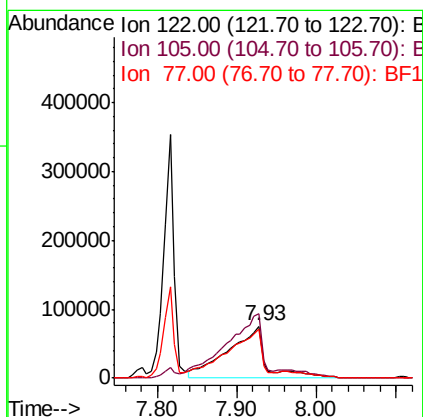
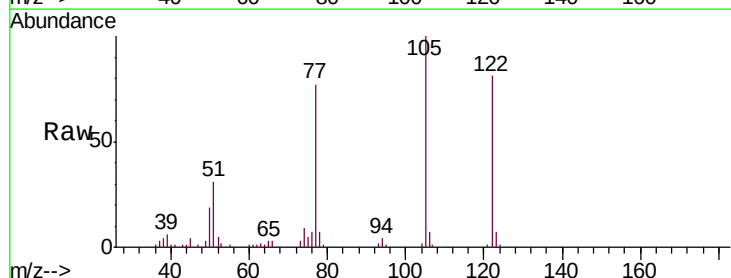
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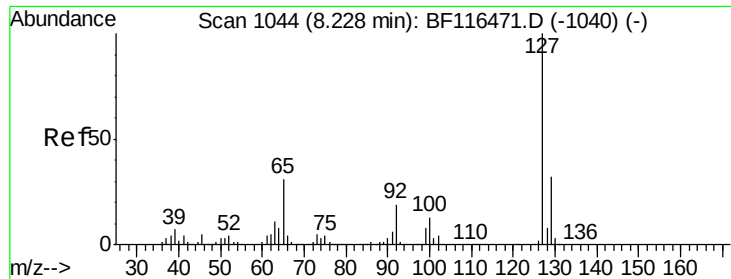
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#32
Benzoic acid
Concen: 42.619 ng m
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:122 Resp: 240045
Ion Ratio Lower Upper
122 100
105 122.7 109.9 149.9
77 94.7 84.9 124.9





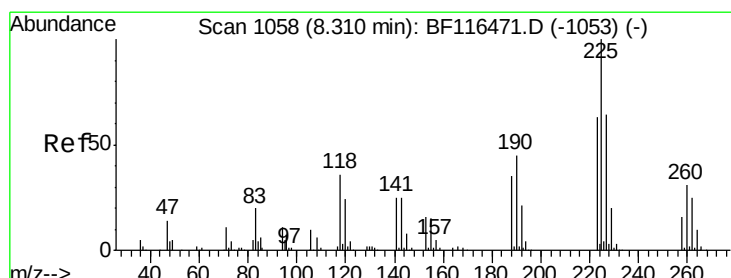
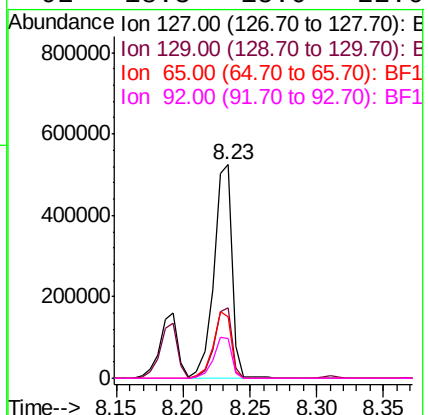
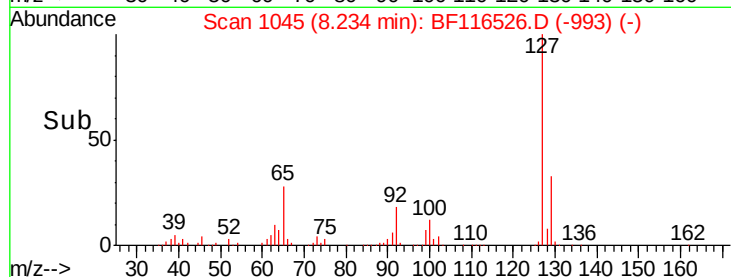
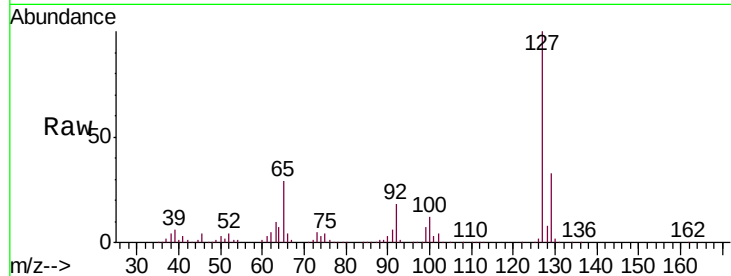
#33
4-Chloroaniline
Concen: 38.709 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.7	38.5	
65	28.5	25.0	37.6	
92	18.3	15.0	22.6	

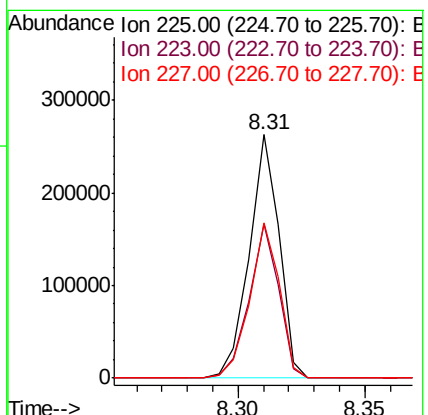
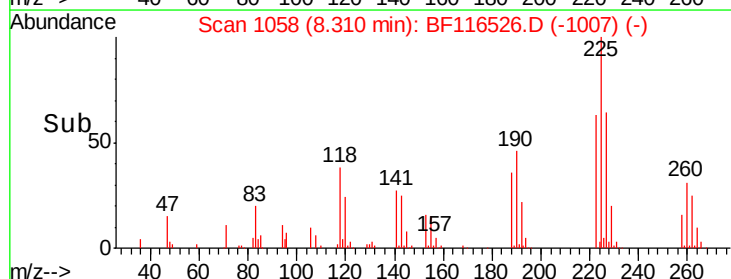
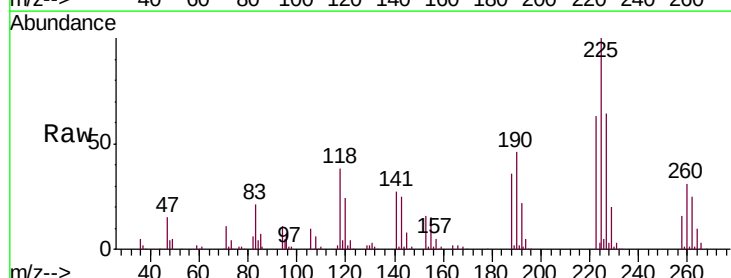
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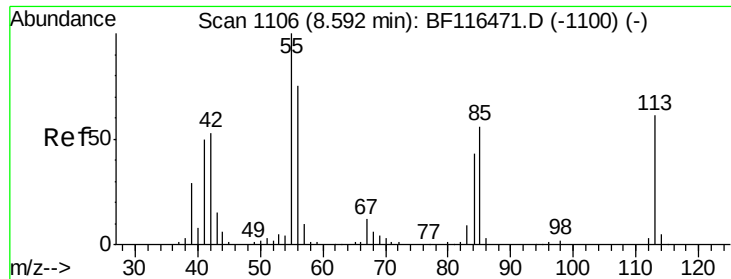
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#34
Hexachlorobutadiene
Concen: 41.969 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	50.3	75.5	
227	63.7	51.0	76.4	





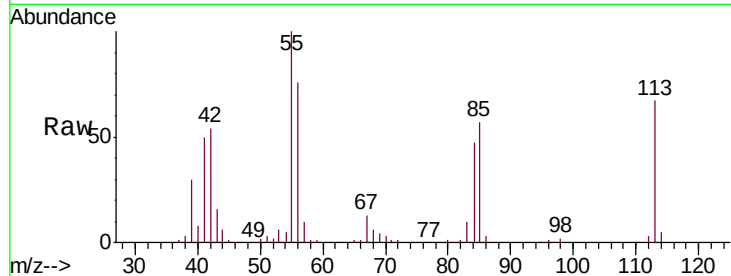
#35
Caprolactam
Concen: 34.994 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

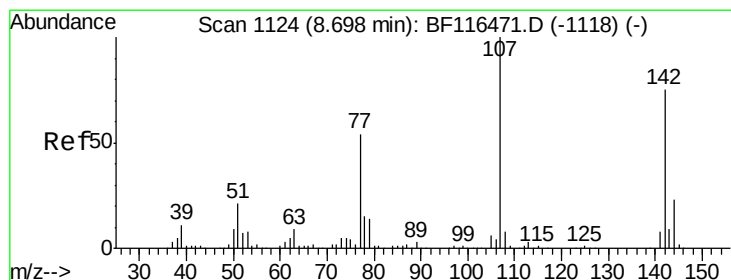
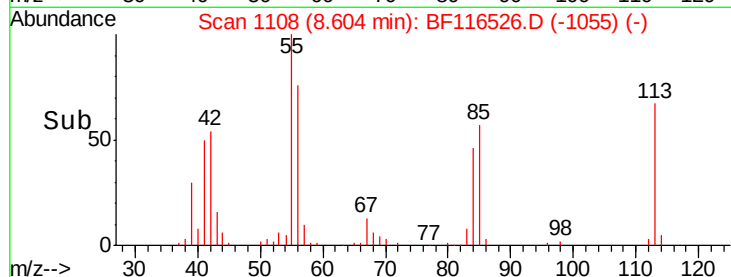
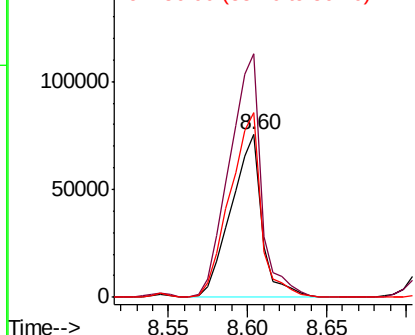
Tot Ion	Ratio	Lower	Upper
113	100		
55	149.5	143.6	183.6
56	113.4	102.3	142.3

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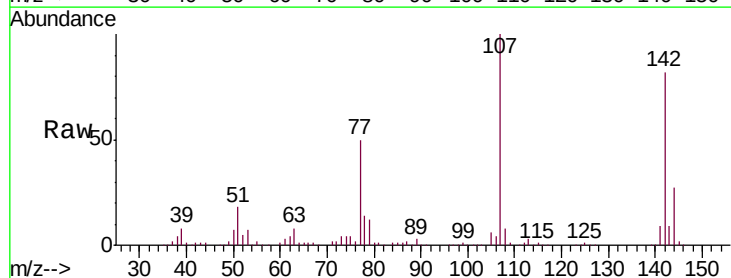


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

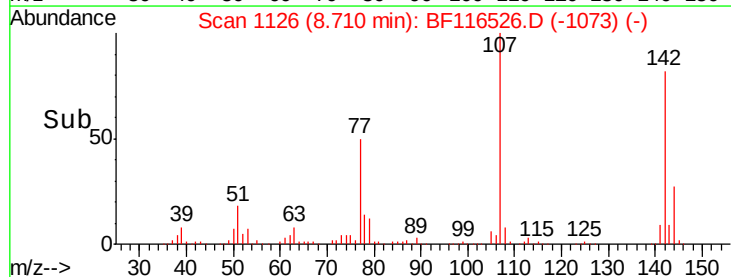
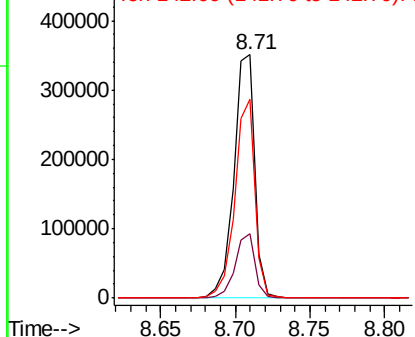


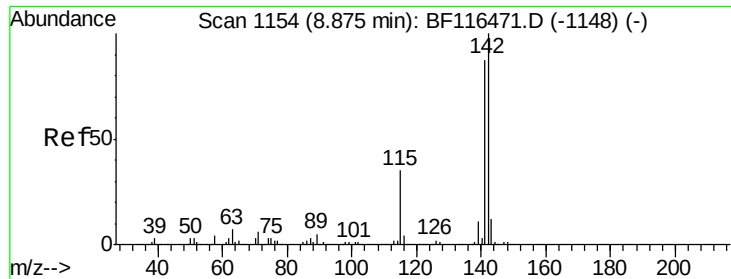
#36
4-Chloro-3-methylphenol
Concen: 36.708 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	18.8	28.2
142	81.6	59.8	89.6



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: 37.662 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

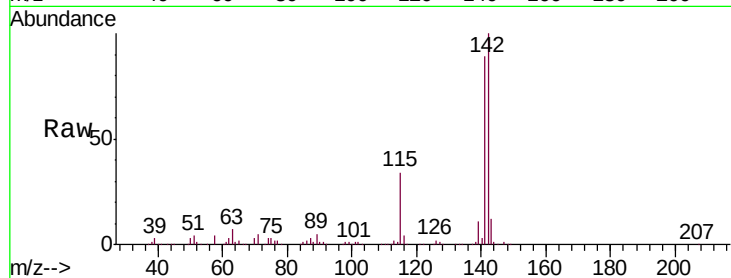
ClientSampleId :

SSTDCCC040

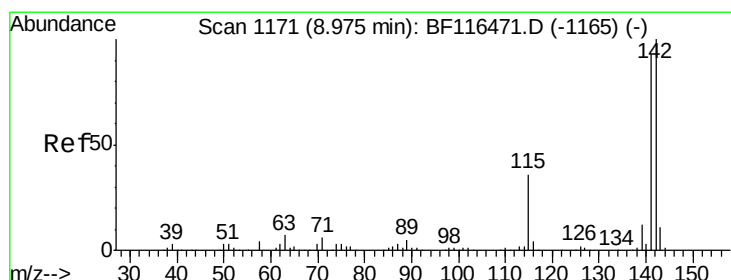
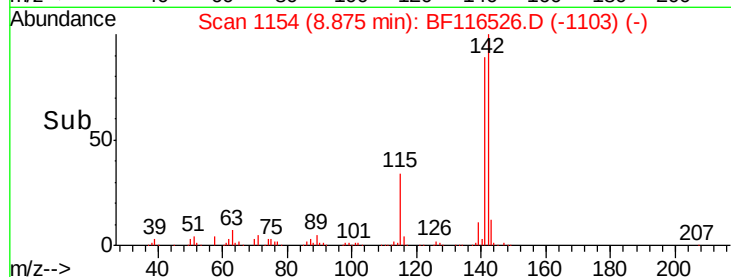
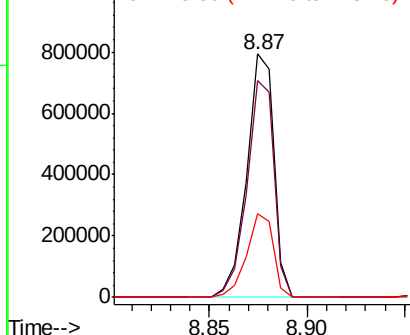
Tot Ion:	142	Resp:	763929
Ion Ratio	Lower	Upper	
142	100		
141	89.2	69.8	104.6
115	34.4	27.7	41.5

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



#38

1-Methylnaphthalene

Concen: 37.858 ng

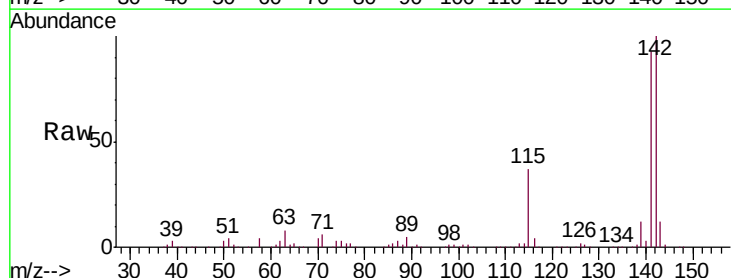
RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

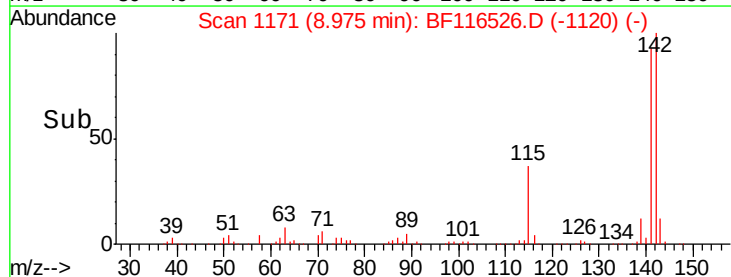
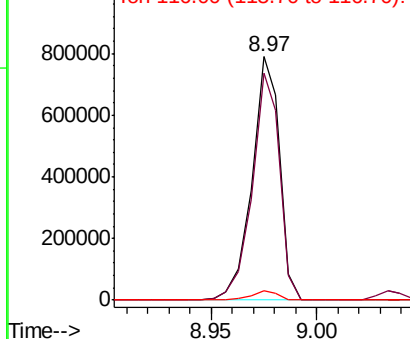
Lab File: BF116526.D

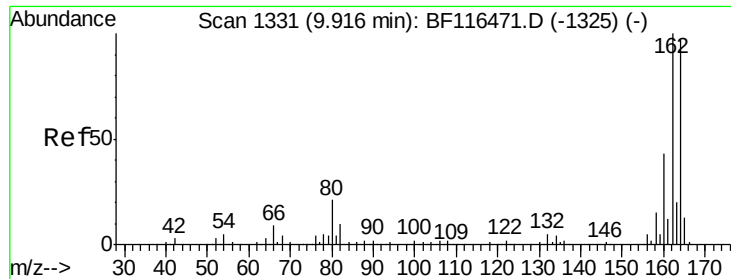
Acq: 25 Aug 2019 12:38

Tgt Ion:	142	Resp:	717332
Ion Ratio	Lower	Upper	
142	100		
141	93.1	74.2	111.2
116	4.0	2.9	4.3



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





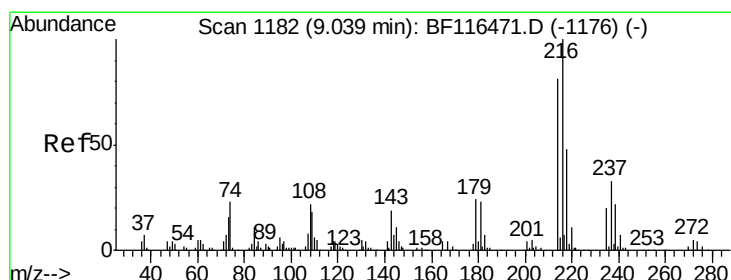
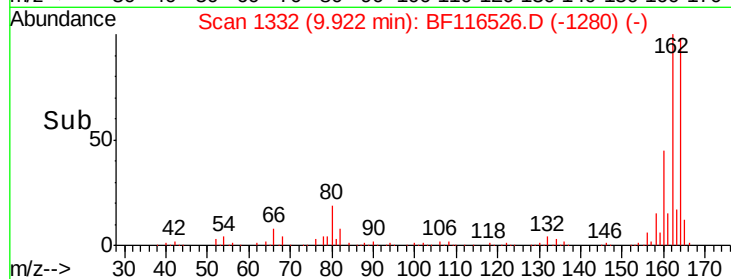
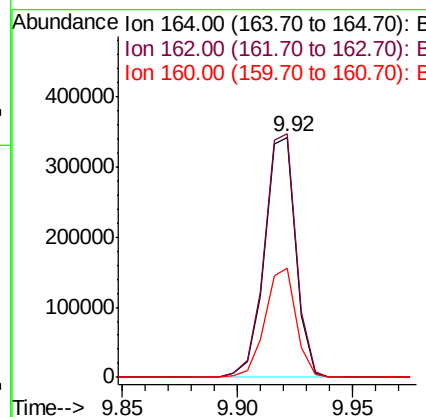
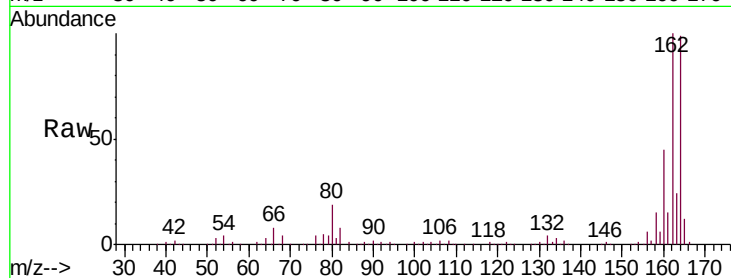
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.4	35.8	53.8

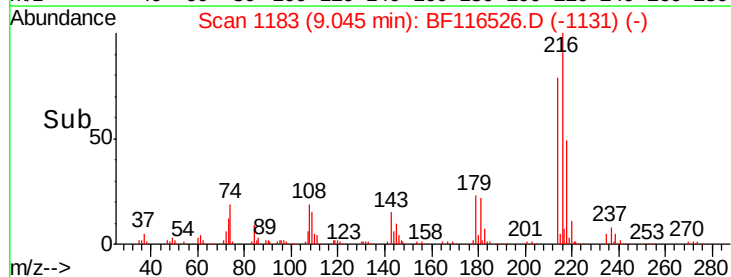
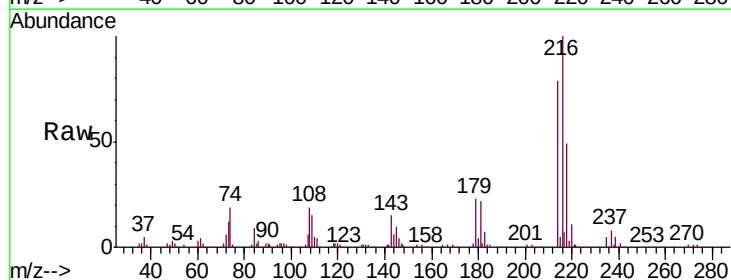
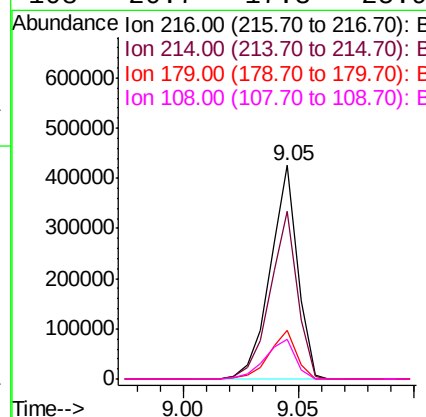
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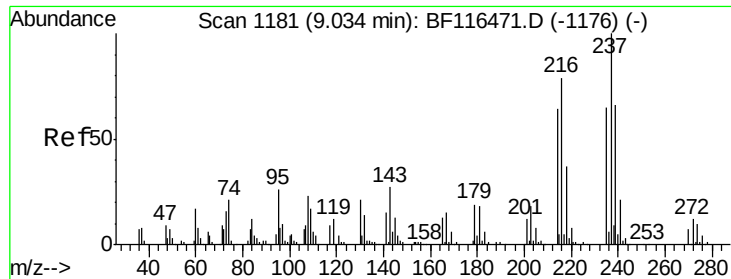
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.462 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	22.7	18.5	27.7
108	20.7	17.3	25.9





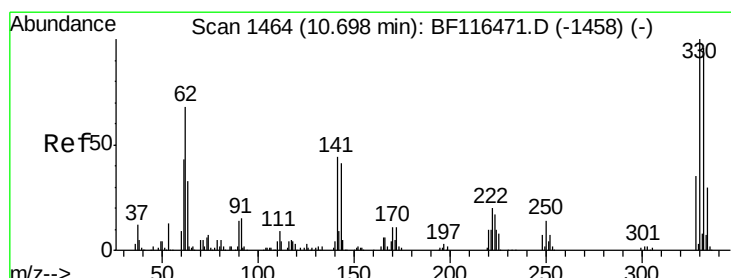
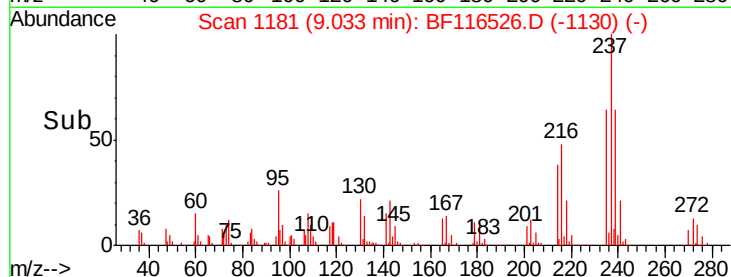
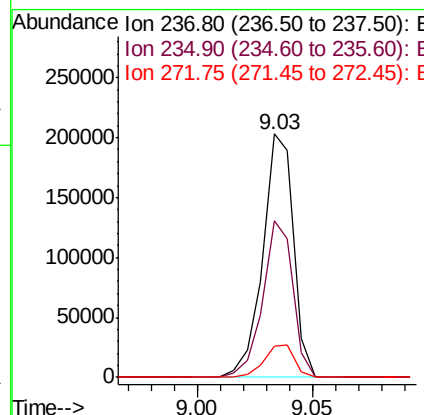
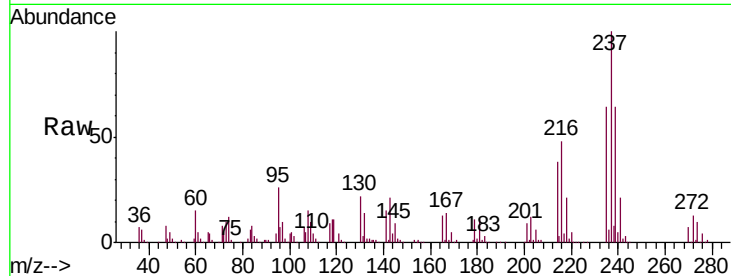
#41
Hexachlorocyclopentadiene
Concen: 40.381 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	237	Resp:	188278
Ion Ratio	Lower	Upper	
237	100		
235	64.5	44.8	84.8
272	12.5	0.0	32.5

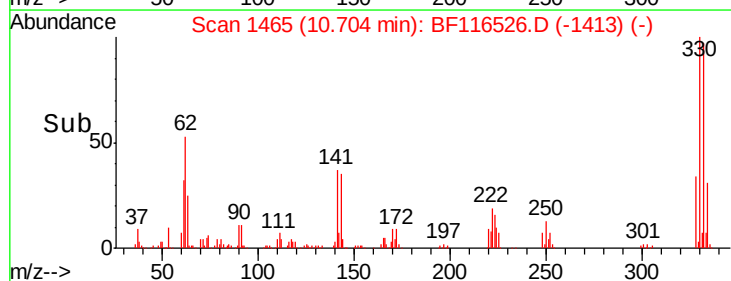
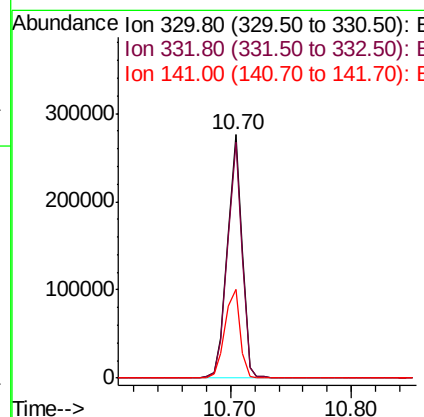
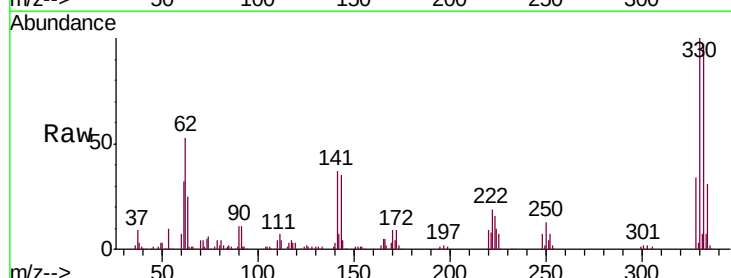
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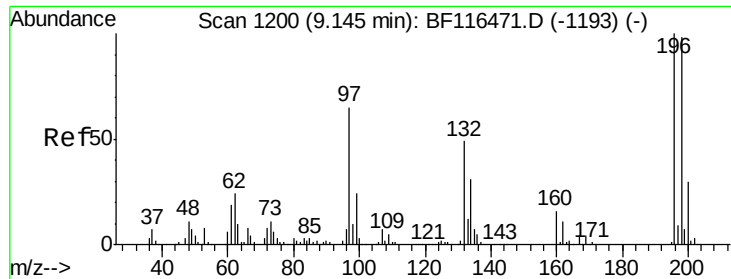
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#42
2,4,6-Tribromophenol
Concen: 83.796 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:	330	Resp:	231763
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.2	115.8
141	37.8	33.3	49.9





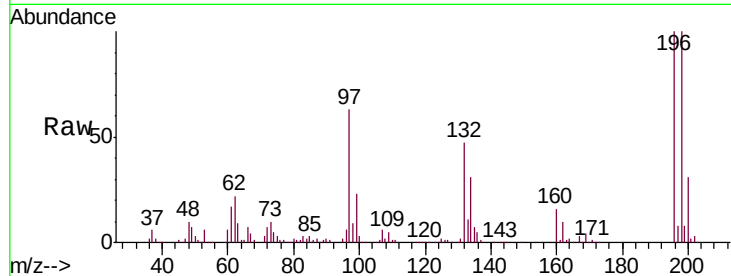
#43
 2,4,6-Trichlorophenol
 Concen: 39.773 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241226		
198	100.2	78.0	117.0	
200	31.2	24.2	36.2	

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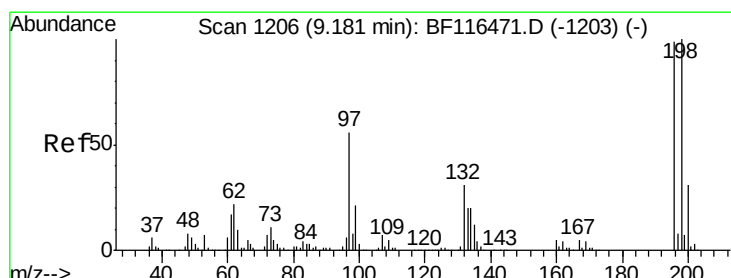
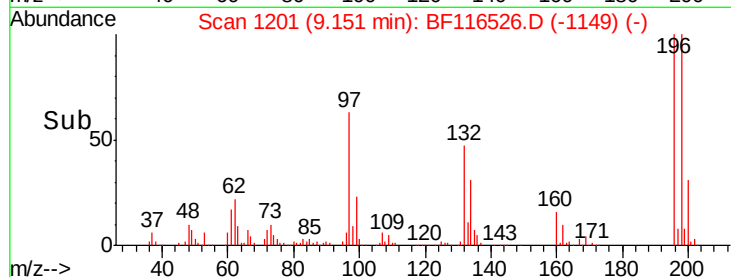
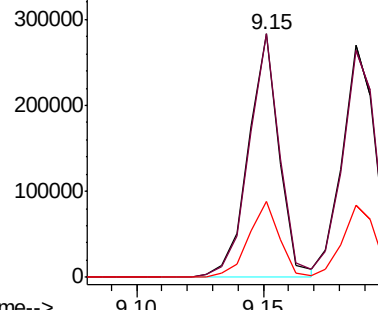


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.170 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241729		
198	98.1	80.8	121.2	
97	55.3	45.7	68.5	
132	30.6	25.1	37.7	

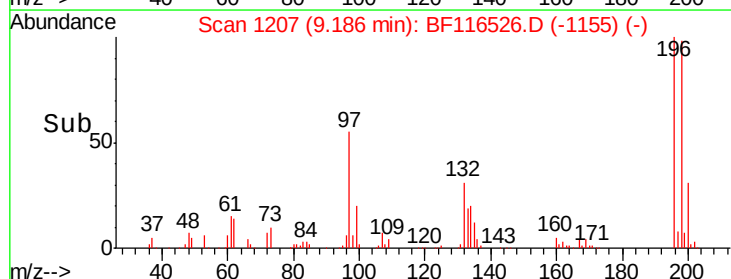
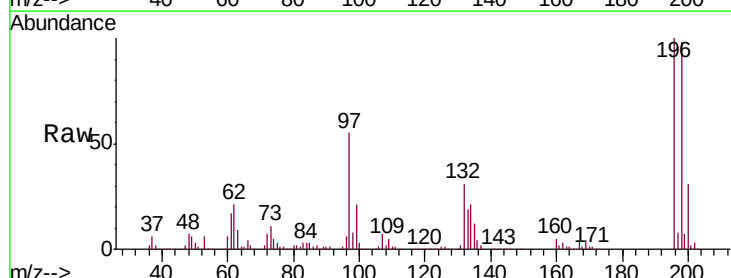
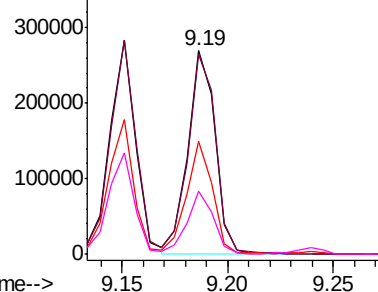
Abundance

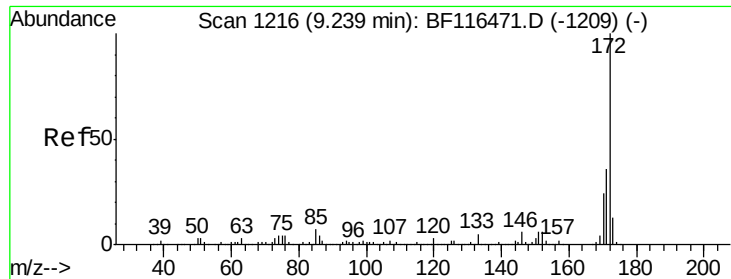
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





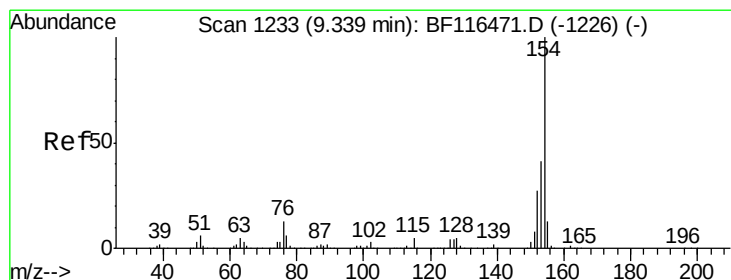
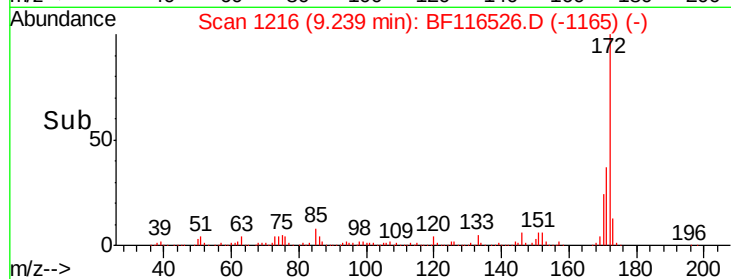
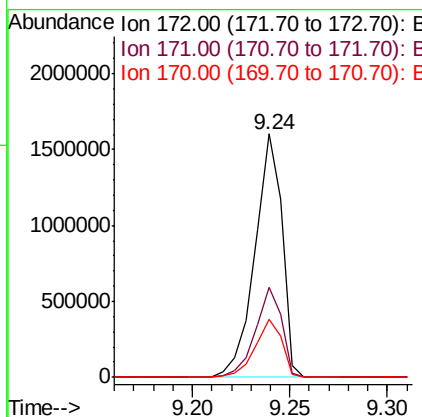
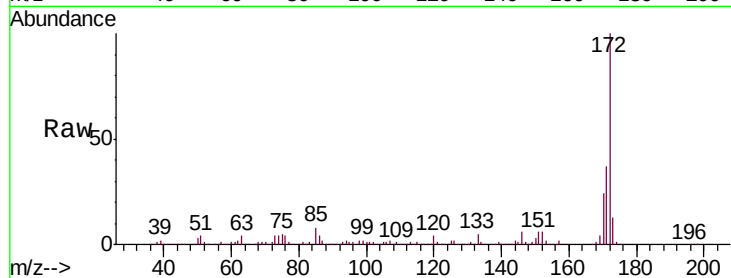
#45
2-Fluorobiphenyl
Concen: 77.108 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.0	19.4	29.0

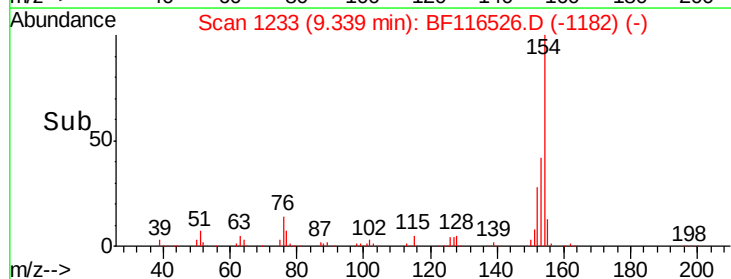
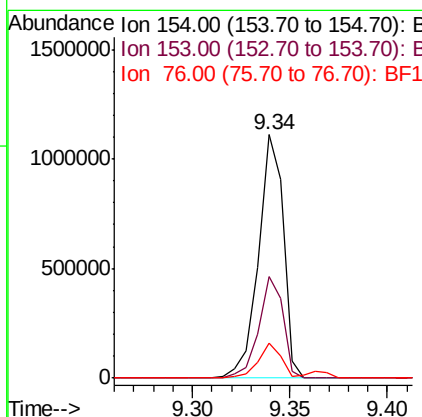
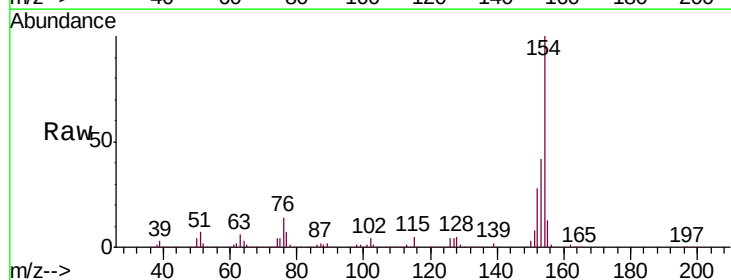
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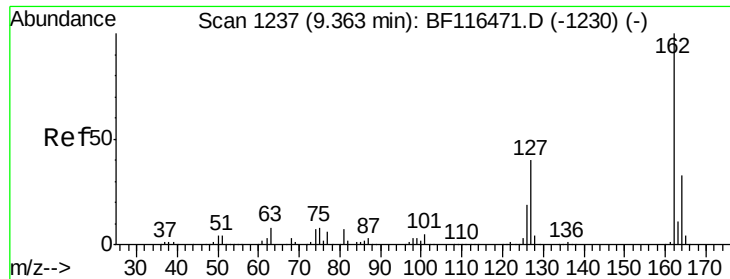
mohammad
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#46
1,1'-Biphenyl
Concen: 38.089 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	14.3	0.0	32.9





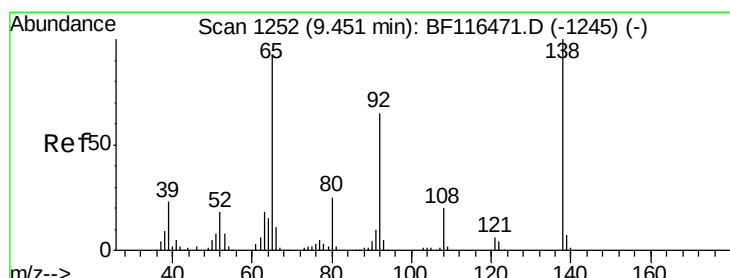
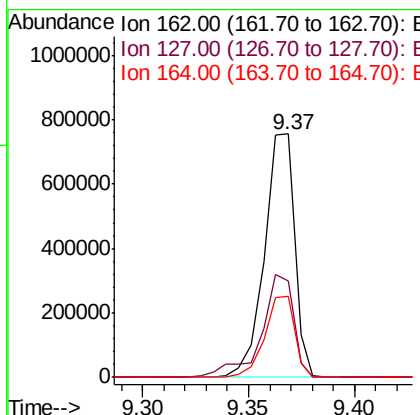
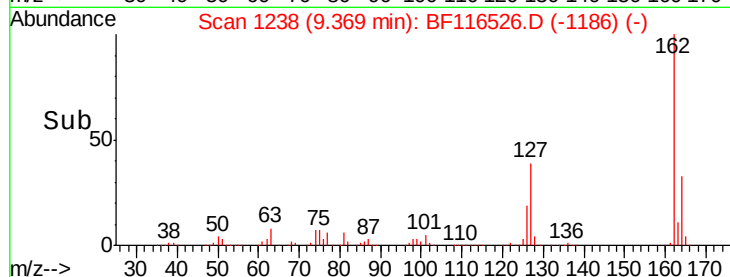
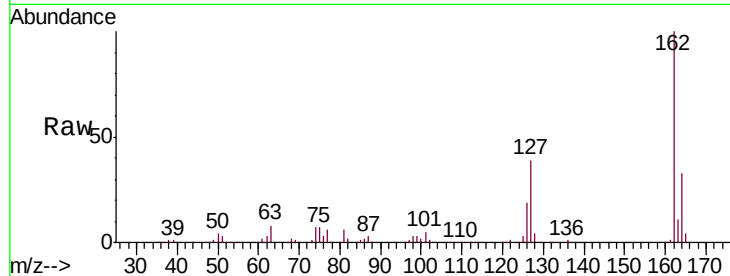
#47
 2-Chloronaphthalene
 Concen: 37.893 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.4	32.5	48.7		
164	33.4	26.7	40.1		

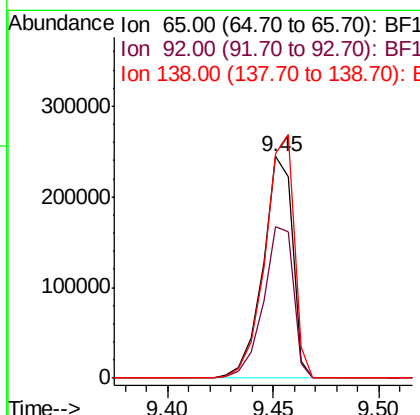
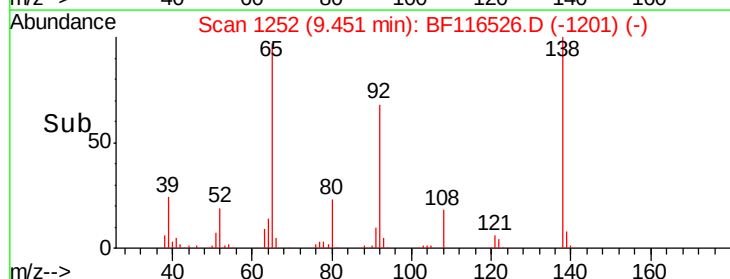
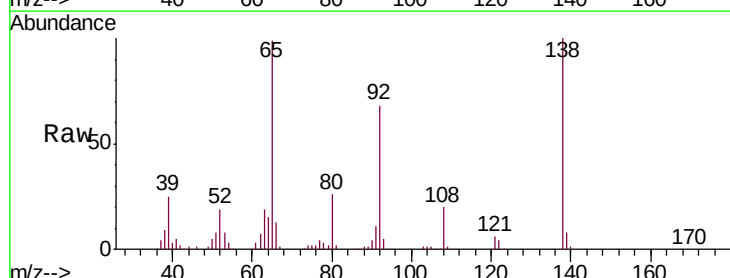
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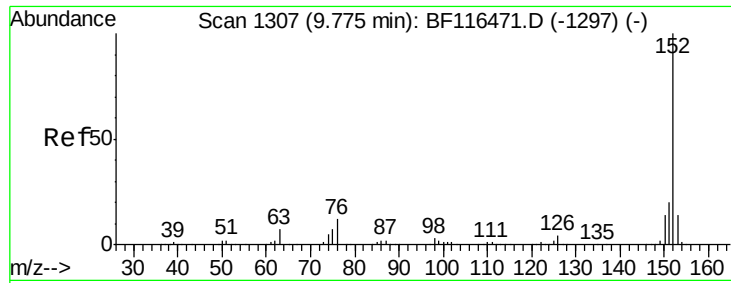
mohammad
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#48
 2-Nitroaniline
 Concen: 38.811 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.5	56.2	84.2		
138	101.4	86.0	129.0		





#49

Acenaphthylene

Concen: 37.751 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

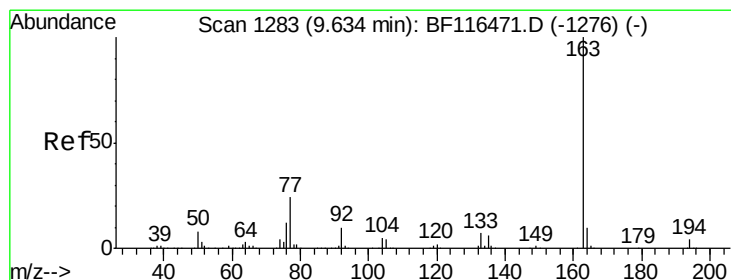
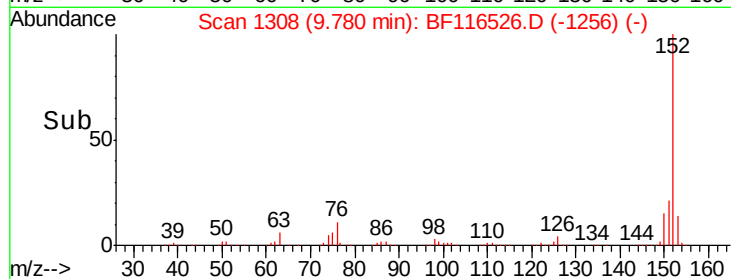
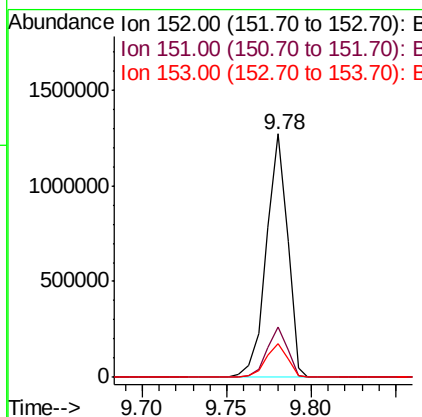
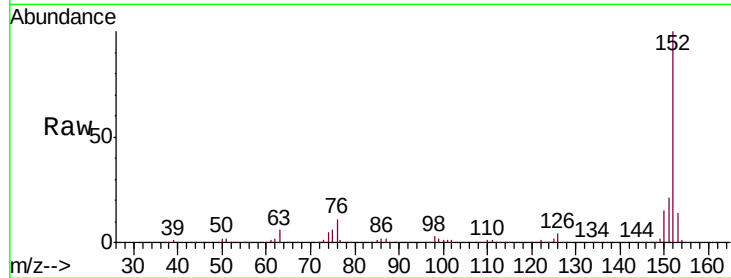
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1102687
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	14.0	11.4	17.0

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#50

Dimethylphthalate

Concen: 38.060 ng

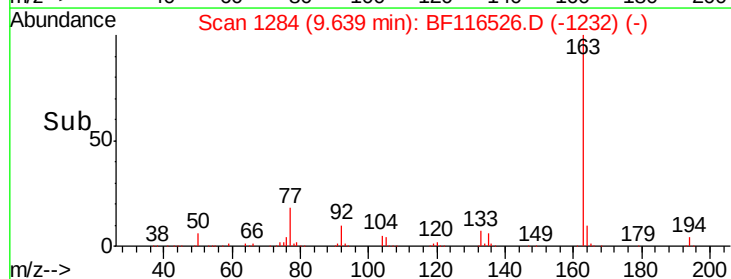
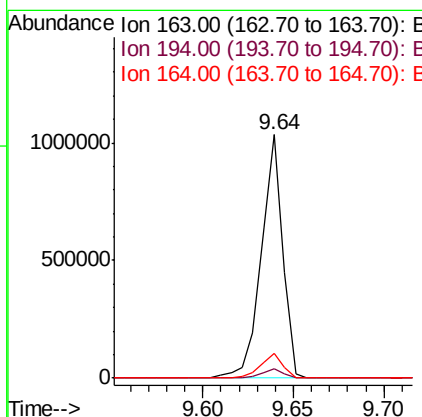
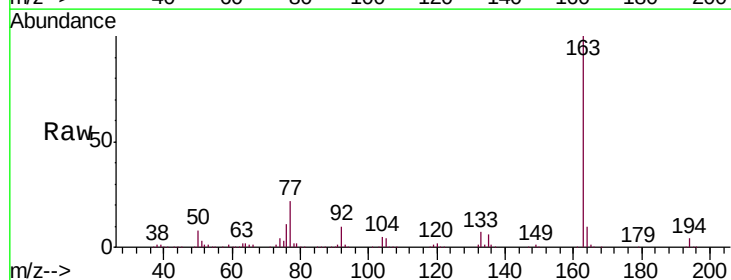
RT: 9.64 min Scan# 1284

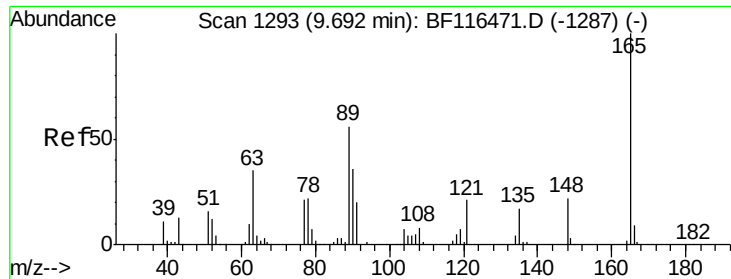
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	163	Resp:	855331
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.4	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 41.503 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

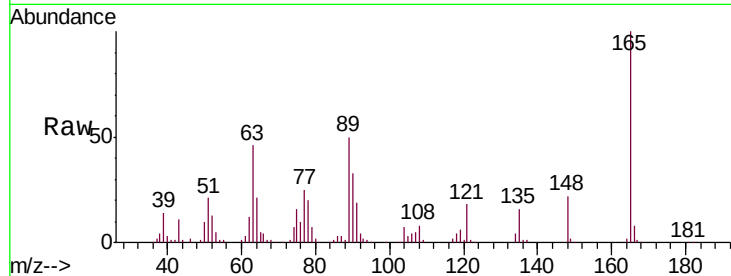
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		190910		
63	46.3	43.7	65.5		
89	50.5	45.1	67.7		

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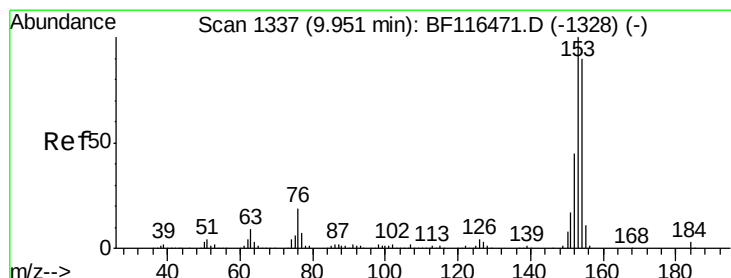
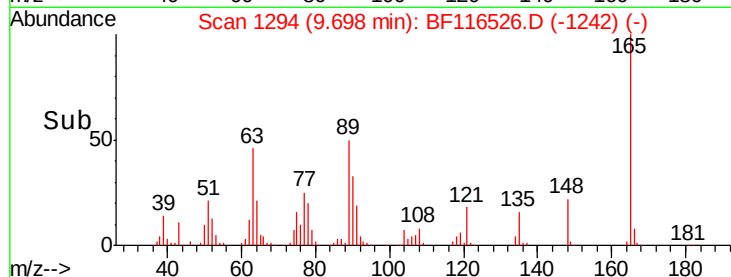
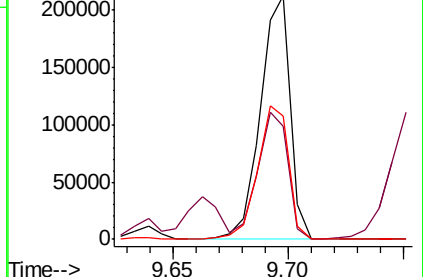
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.563 ng

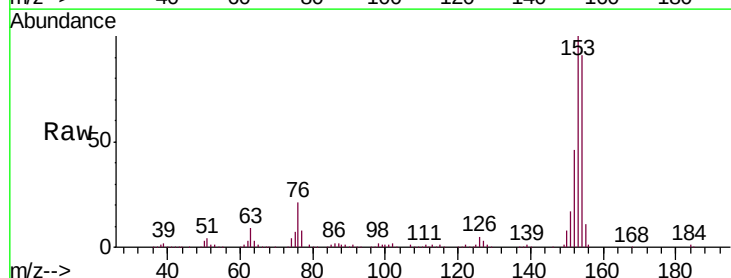
RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

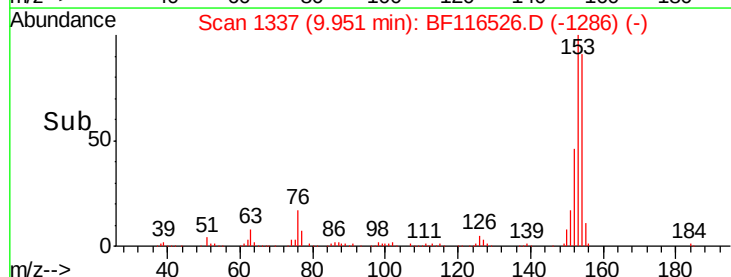
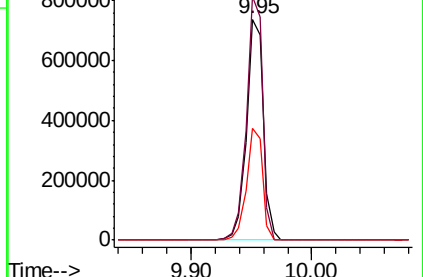
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		722792		
153	110.2	89.3	133.9		
152	50.5	40.2	60.4		

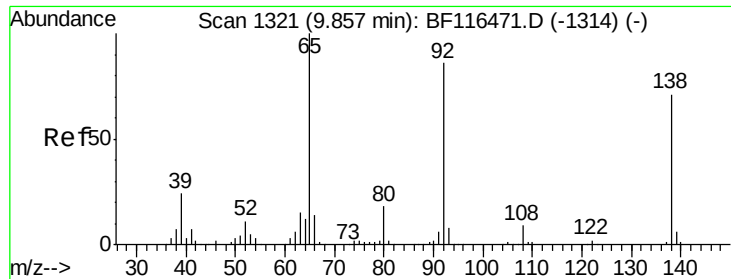


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





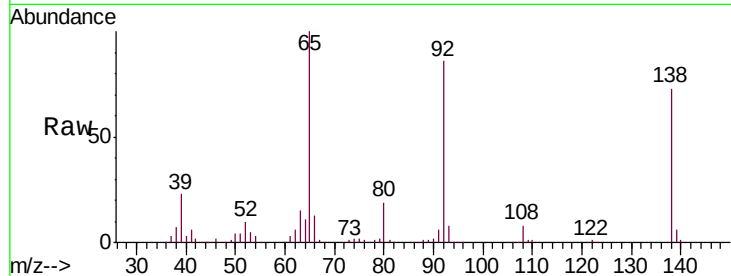
#53
3-Nitroaniline
Concen: 38.637 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.0	15.0
92	117.7	97.7	146.5

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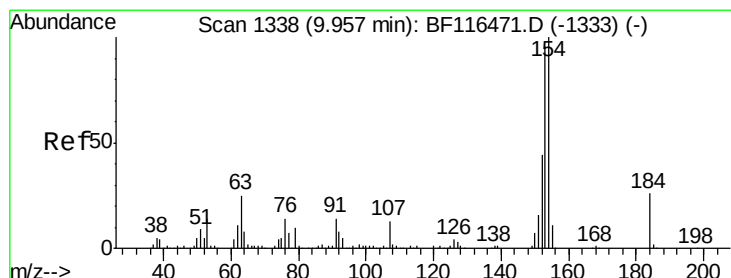
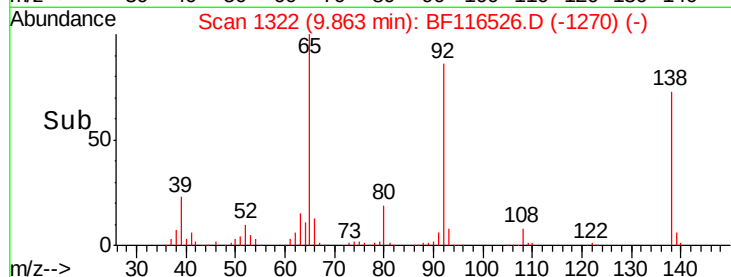
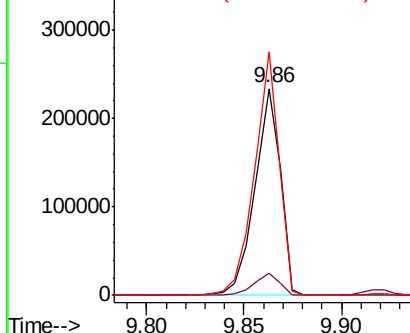


Abundance

Ion 138.00 (137.70 to 138.70): E

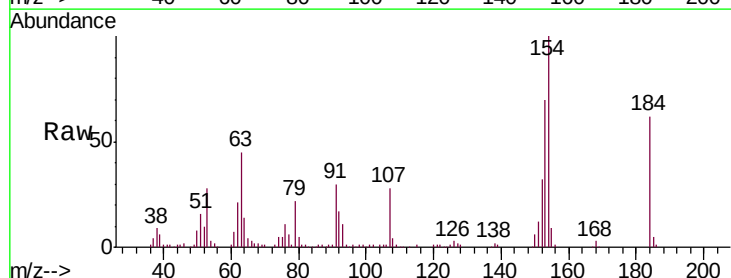
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 44.044 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.5	78.2	117.4#
154	161.4	320.4	480.6#

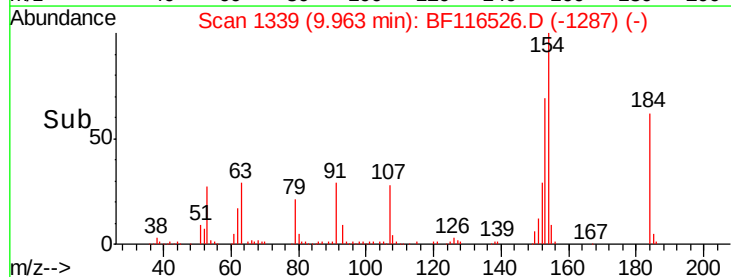
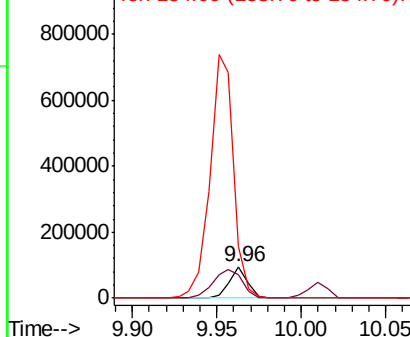


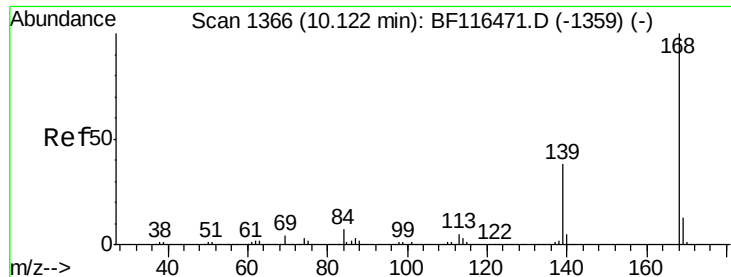
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





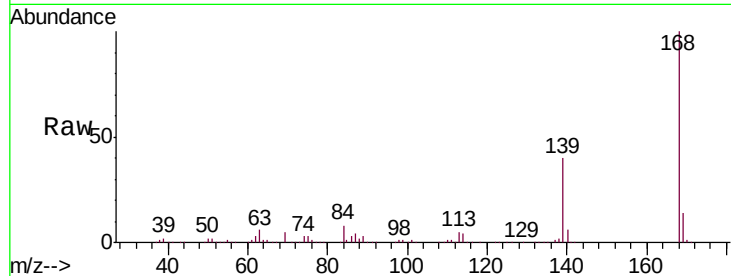
#55
Dibenzenofuran
Concen: 37.945 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100	991393		
139	40.1	30.7	46.1	
169	13.6	10.7	16.1	

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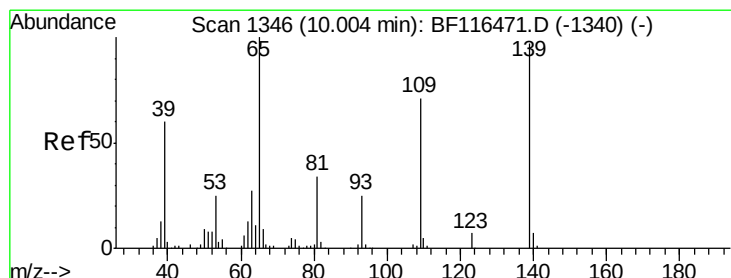
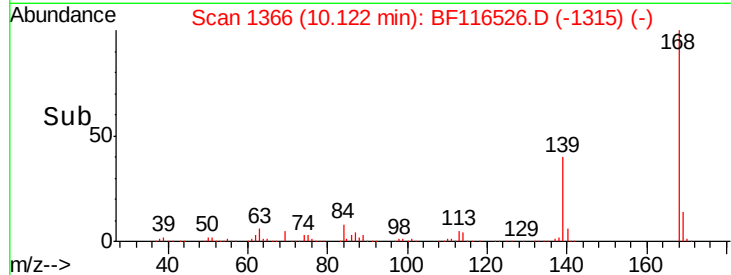
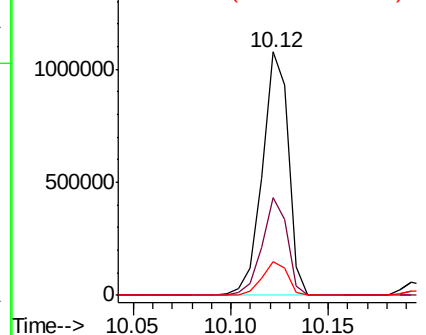


Abundance

Ion 168.00 (167.70 to 168.70): E

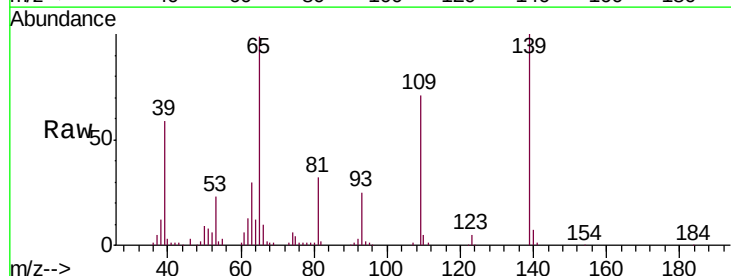
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 34.248 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	145957		
109	70.8	53.4	93.4	
65	99.0	83.0	123.0	

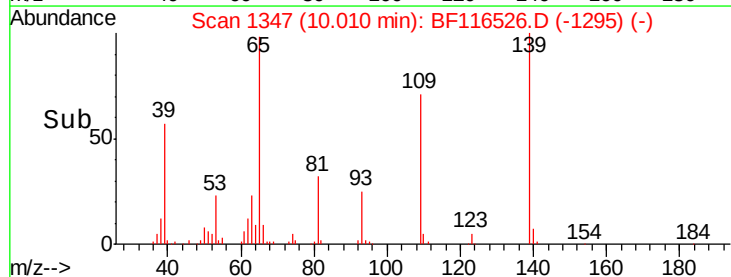
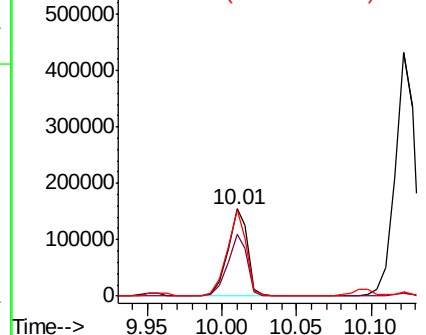


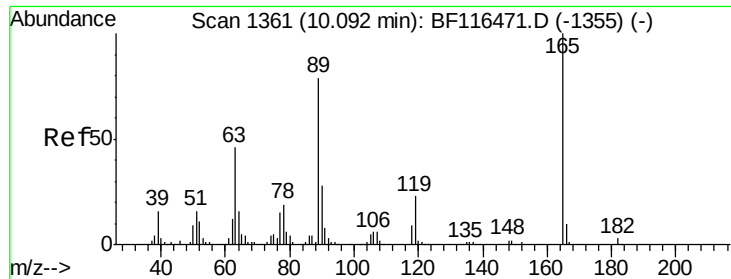
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





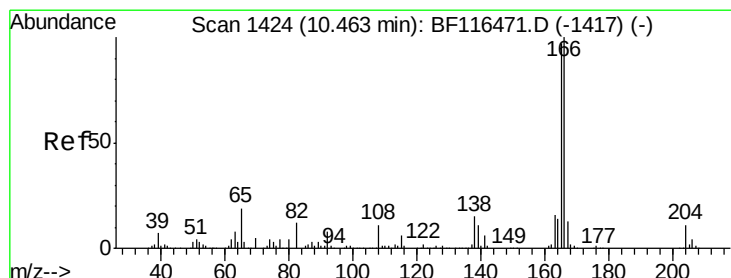
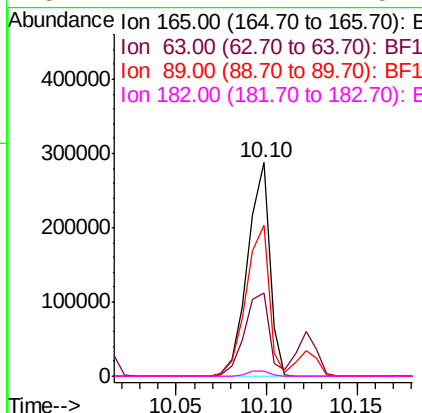
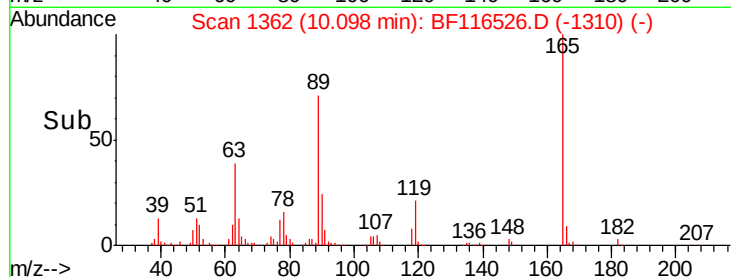
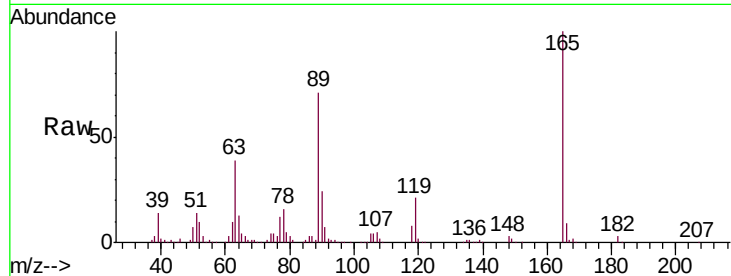
#57
 2,4-Dinitrotoluene
 Concen: 41.767 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	244473
Ion Ratio	Lower	Upper	
165	100		
63	39.3	36.9	55.3
89	70.6	63.4	95.0
182	2.7	2.1	3.1

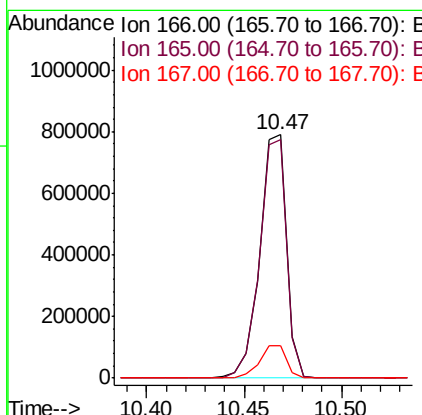
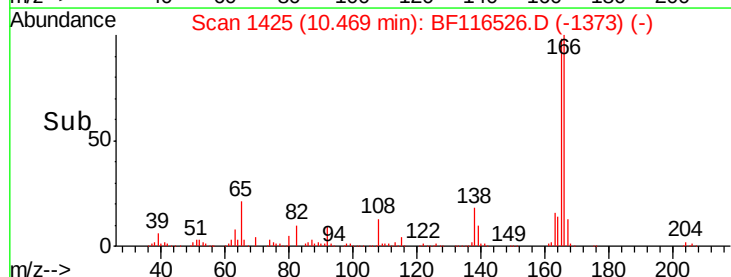
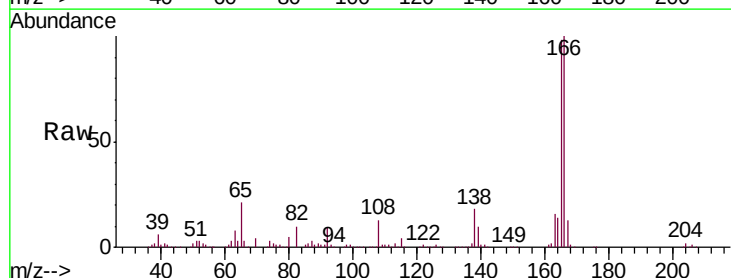
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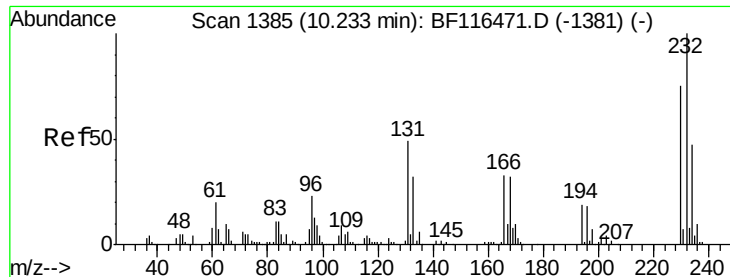
mohammad
 8/29/2019 7:52:57 AM



#58
 Fluorene
 Concen: 36.803 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:	166	Resp:	747064
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.4	116.0
167	13.2	10.8	16.2





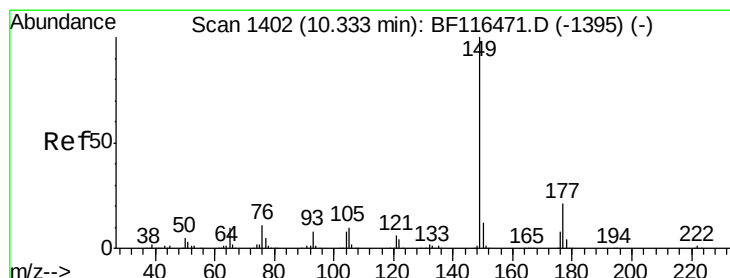
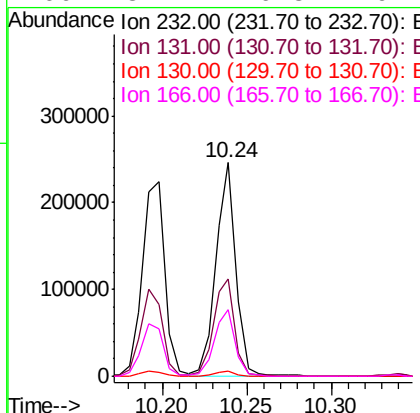
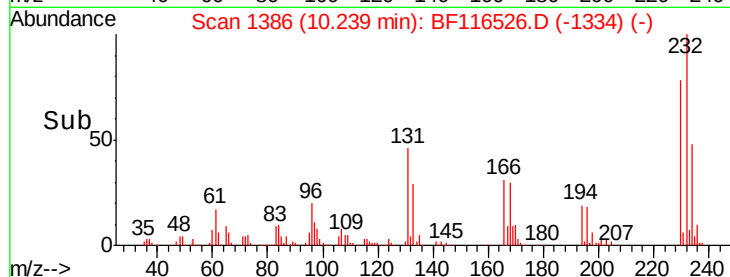
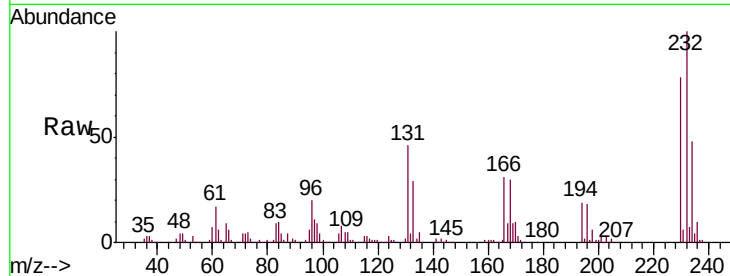
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.091 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	203149		
131	48.0		40.8	61.2
130	2.3		1.8	2.8
166	32.4		26.8	40.2

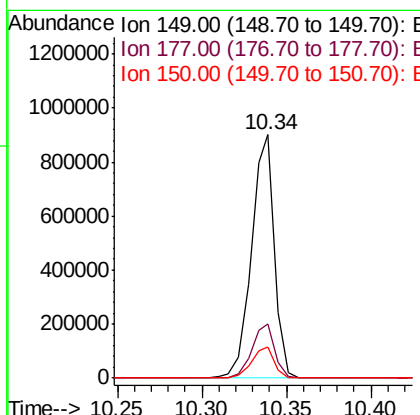
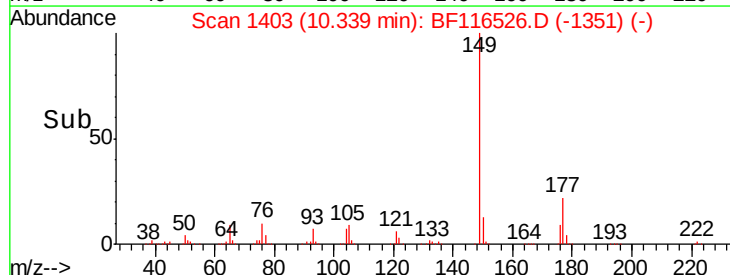
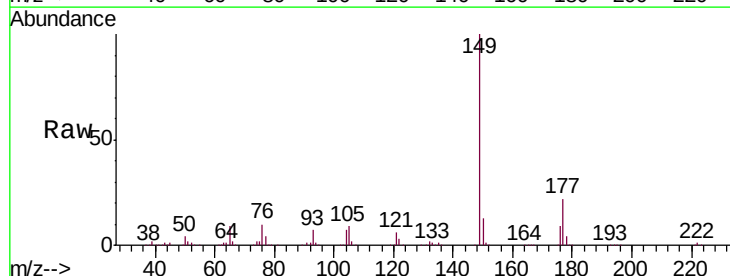
Manual Integrations
APPROVED

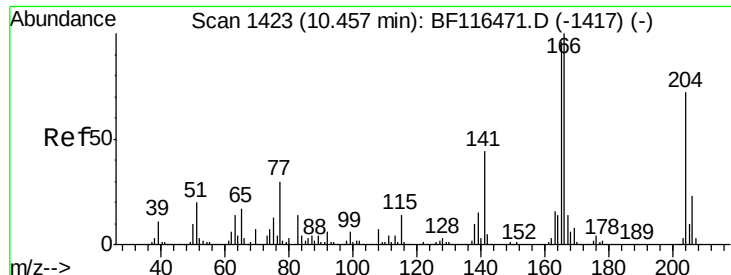
mohammad
8/29/2019 7:52:57 AM



#60
Diethylphthalate
Concen: 38.532 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	851110		
177	22.2		17.1	25.7
150	12.7		9.8	14.6





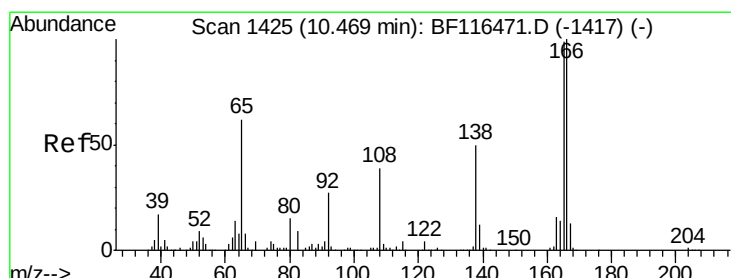
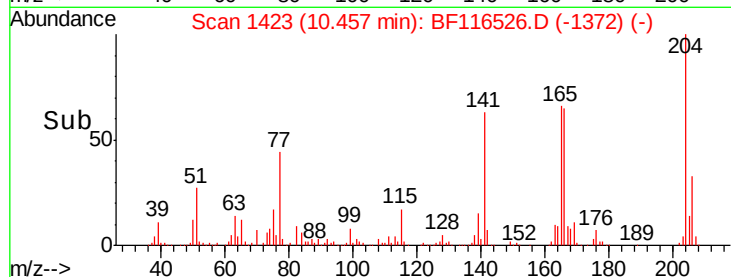
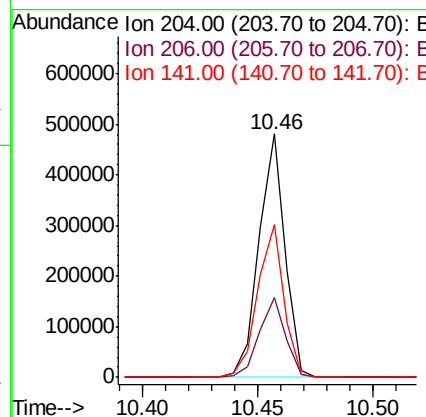
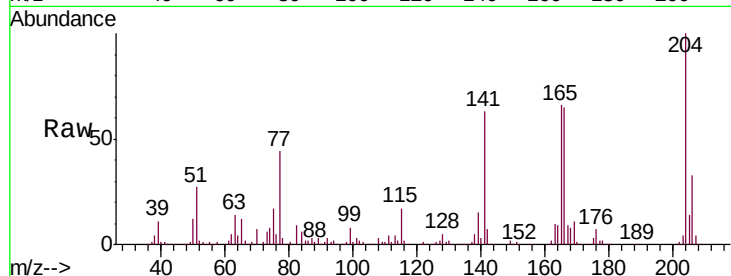
#61
4-Chlorophenyl-phenylether
Concen: 38.457 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	380834		
206	32.6	25.9	38.9	
141	63.0	48.6	73.0	

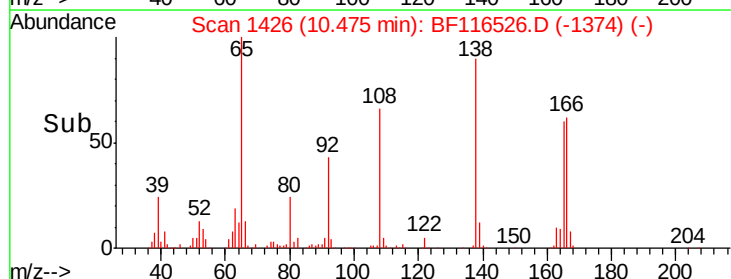
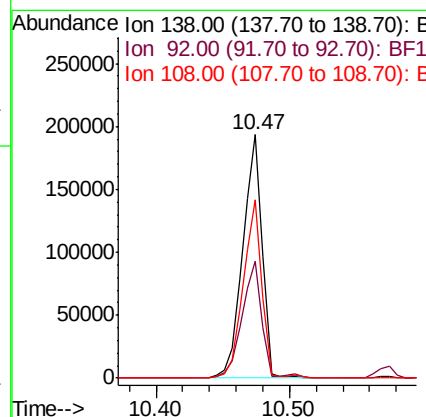
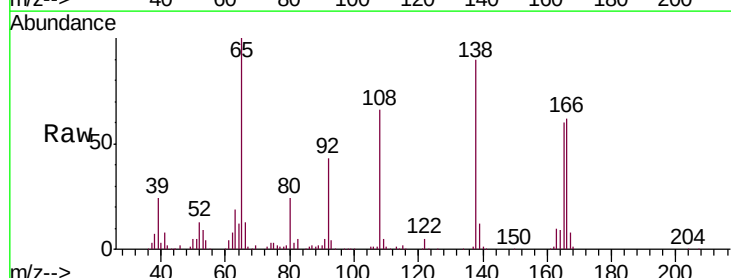
Manual Integrations
APPROVED

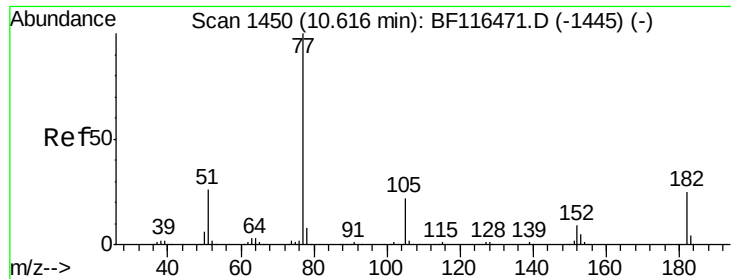
mohammad
8/29/2019 7:52:57 AM



#62
4-Nitroaniline
Concen: 36.476 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	195611		
92	48.3	34.9	74.9	
108	73.3	57.7	97.7	





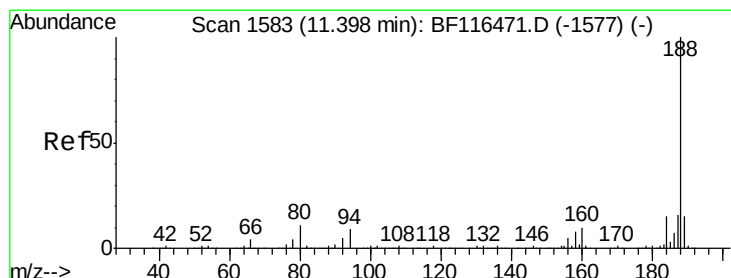
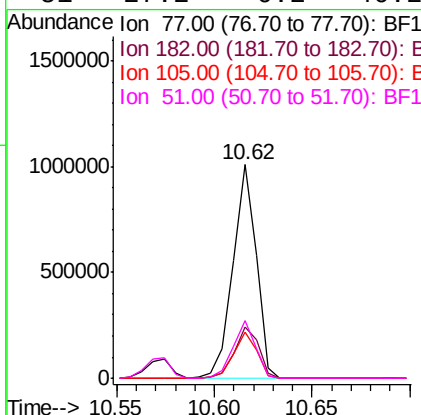
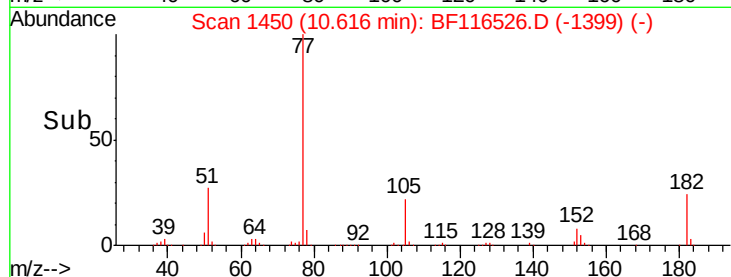
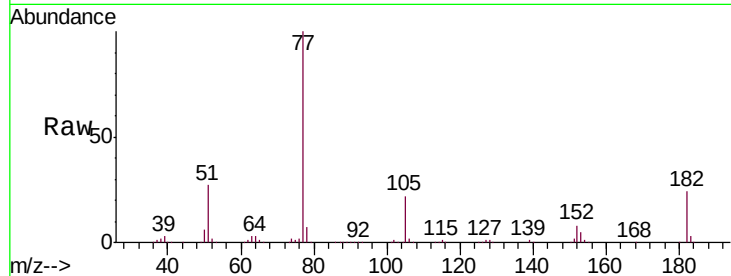
#63
Azobenzene
Concen: 36.744 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.0	5.4	45.4		
105	21.7	1.6	41.6		
51	27.2	6.2	46.2		

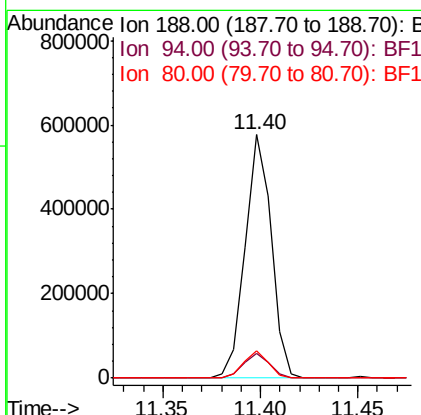
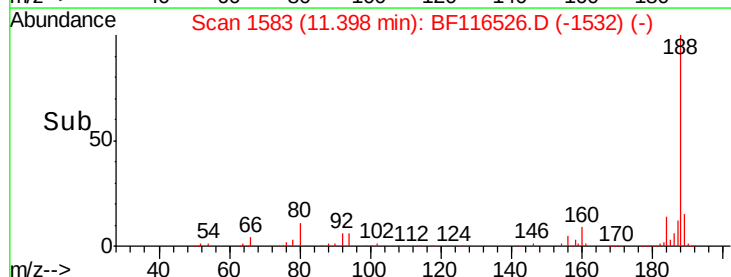
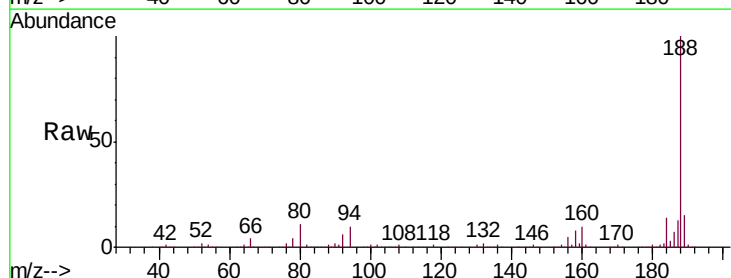
Manual Integrations
APPROVED

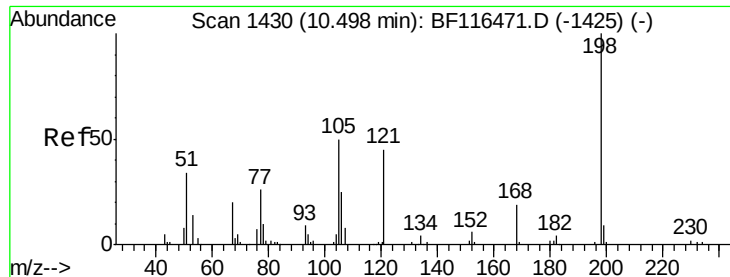
mohammad
8/29/2019 7:52:57 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.0	7.4	11.2		
80	11.2	8.6	12.8		





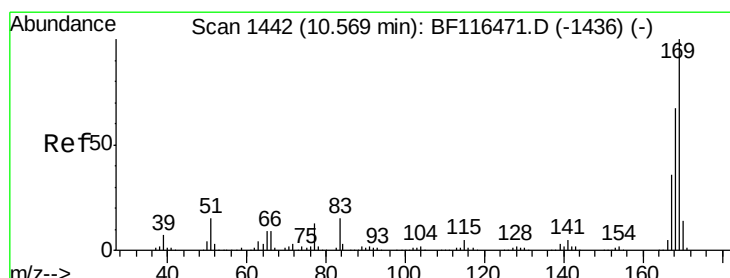
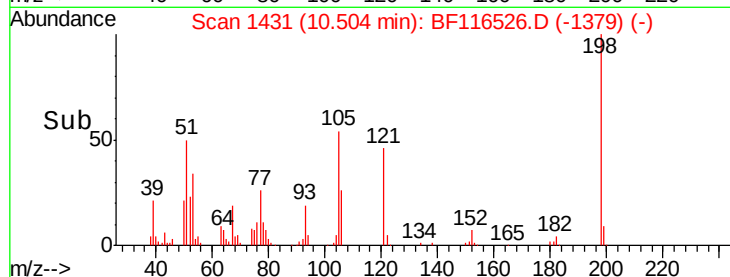
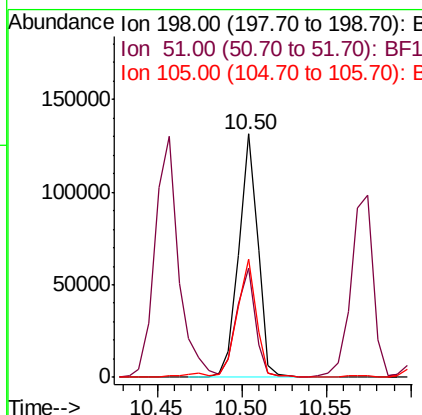
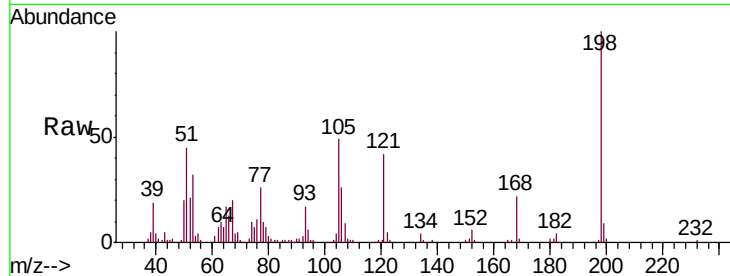
#65
4,6-Dinitro-2-methylphenol
Concen: 47.163 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	103442		
51	45.0		30.4	70.4
105	48.6		32.8	72.8

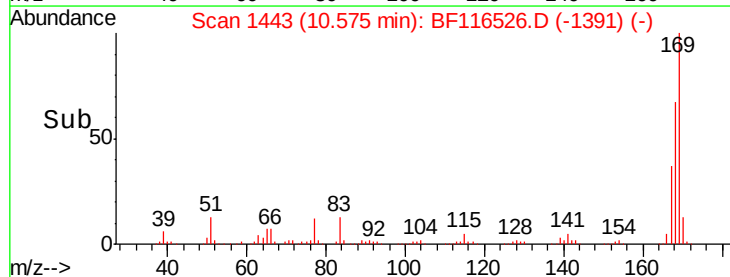
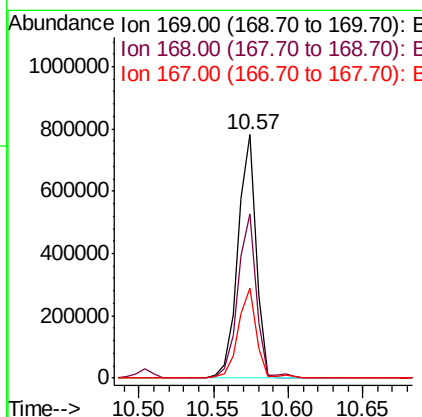
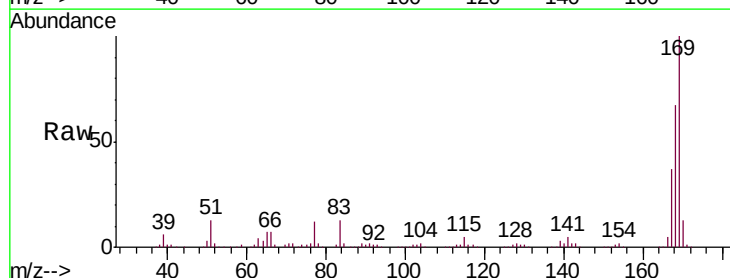
Manual Integrations
APPROVED

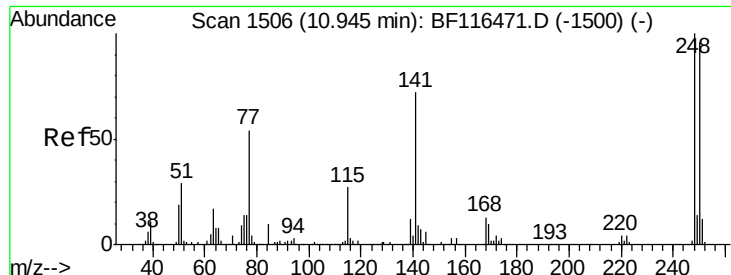
mohammad
8/29/2019 7:52:57 AM



#66
n-Nitrosodiphenylamine
Concen: 38.574 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	670123		
168	67.3		53.6	80.4
167	36.8		28.7	43.1





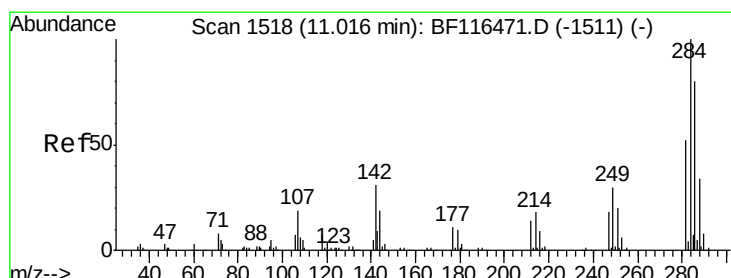
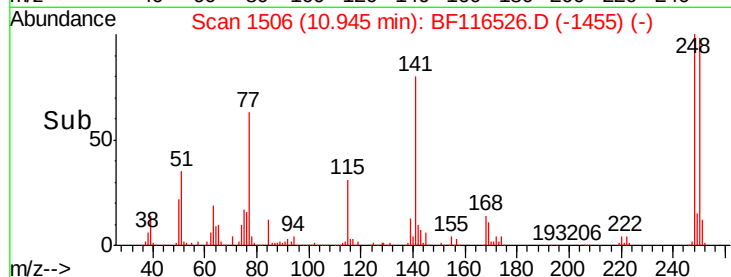
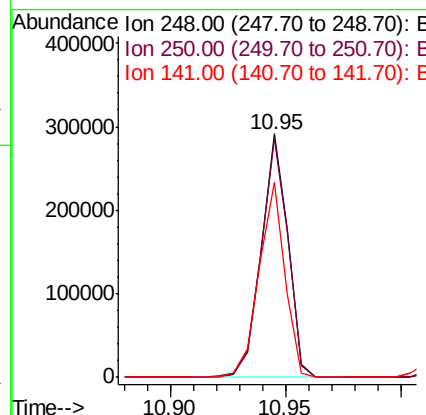
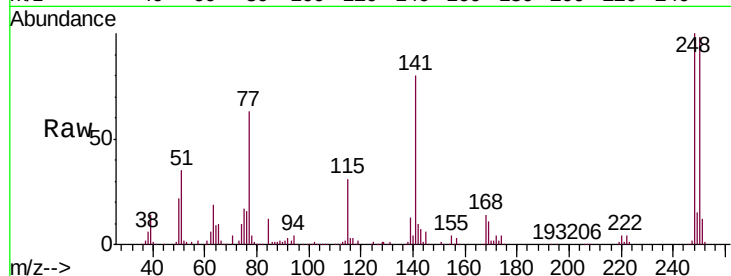
#67
4-Bromophenyl-phenylether
Concen: 41.615 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.6
141	80.3	57.4	86.0

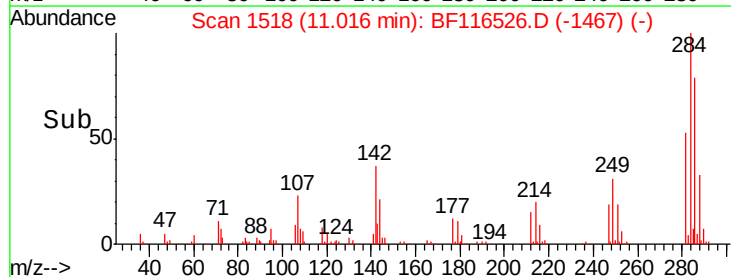
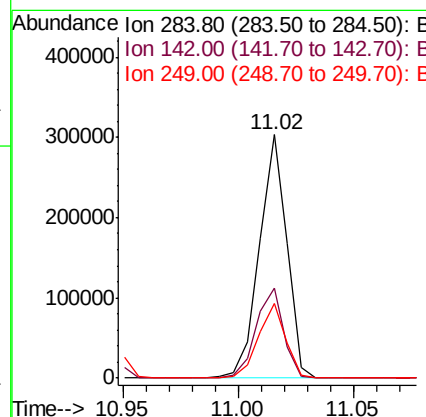
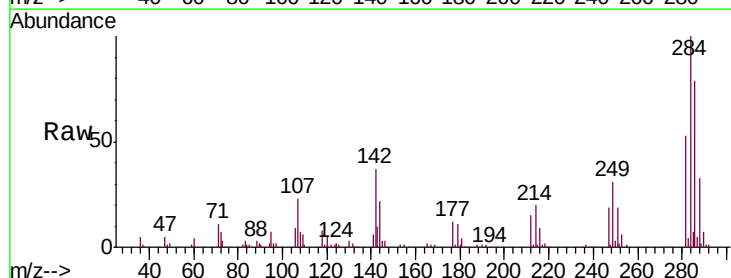
Manual Integrations
APPROVED

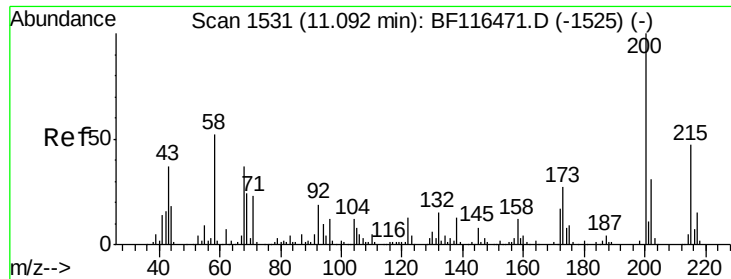
mohammad
8/29/2019 7:52:57 AM



#68
Hexachlorobenzene
Concen: 40.432 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	24.6	36.8
249	30.6	24.1	36.1





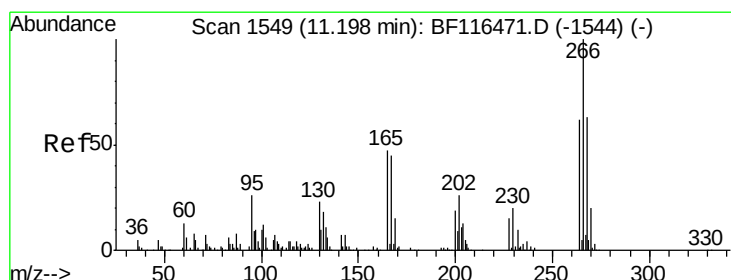
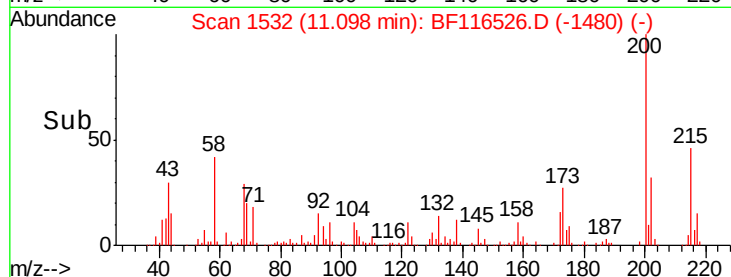
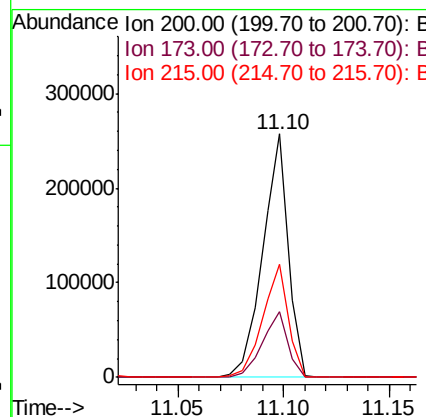
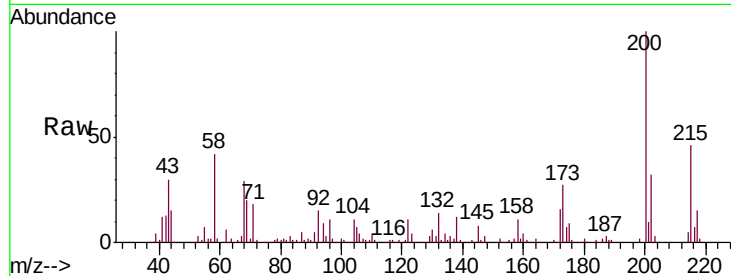
#69
Atrazine
Concen: 41.450 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	7.3	47.3
215	46.2	26.7	66.7

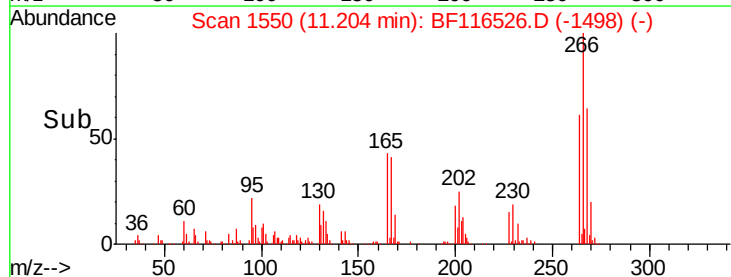
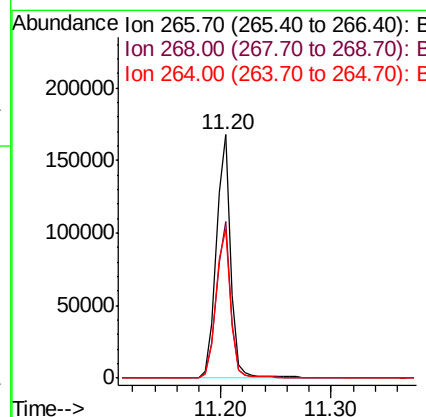
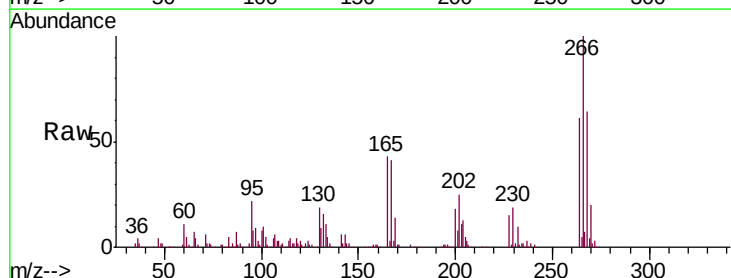
Manual Integrations
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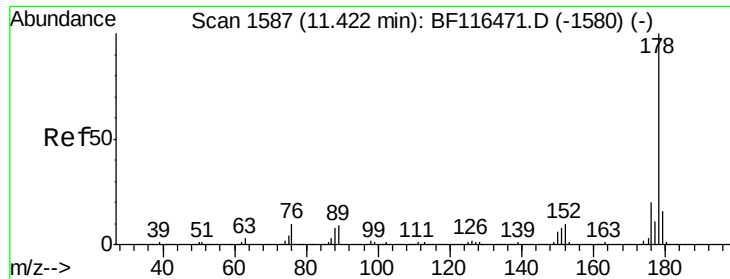
mohammad
8/29/2019 7:52:57 AM



#70
Pentachlorophenol
Concen: 40.832 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	50.7	76.1
264	61.3	50.0	75.0





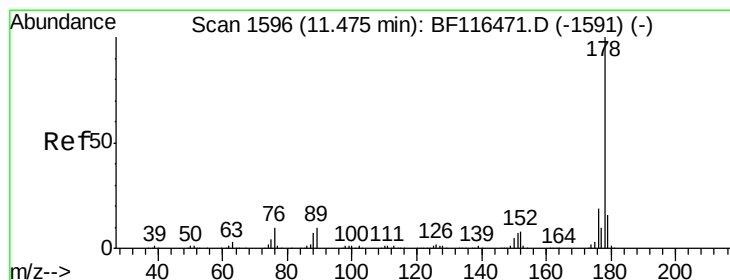
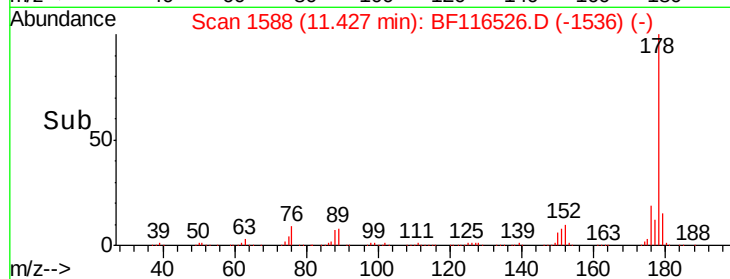
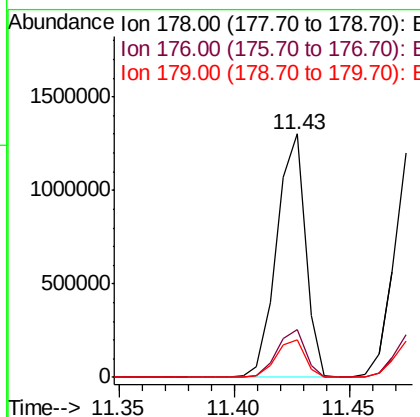
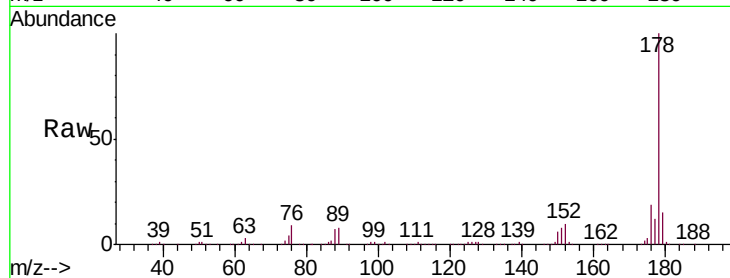
#71
Phenanthrene
Concen: 38.468 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.4	12.8	19.2

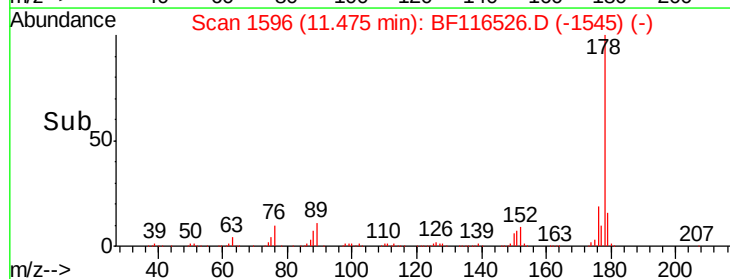
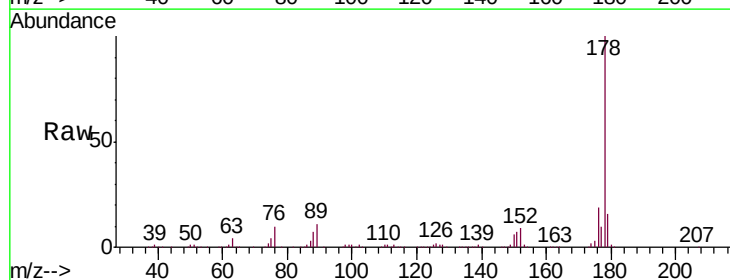
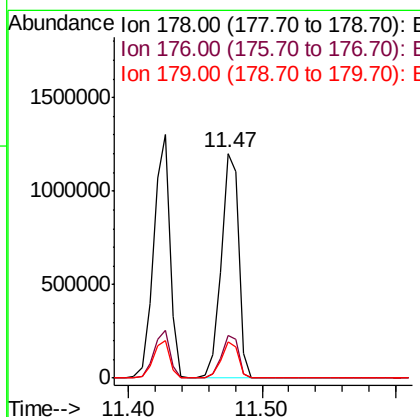
Manual Integrations
APPROVED

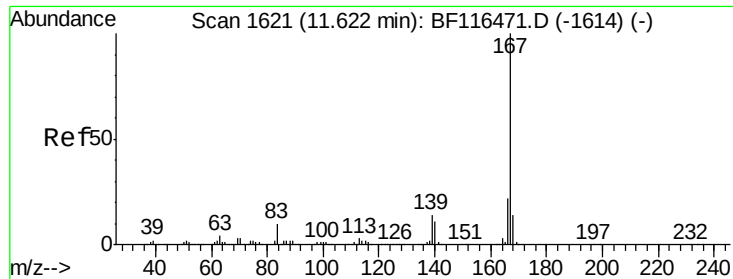
mohammad
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#72
Anthracene
Concen: 37.943 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.3	12.5	18.7





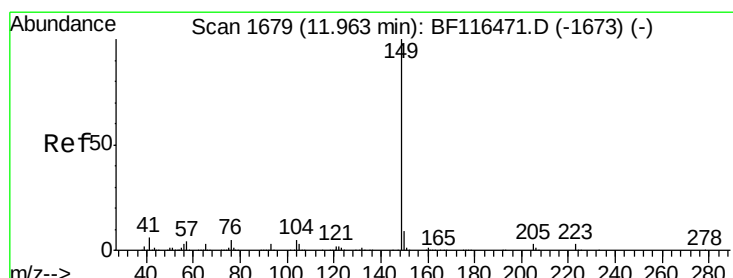
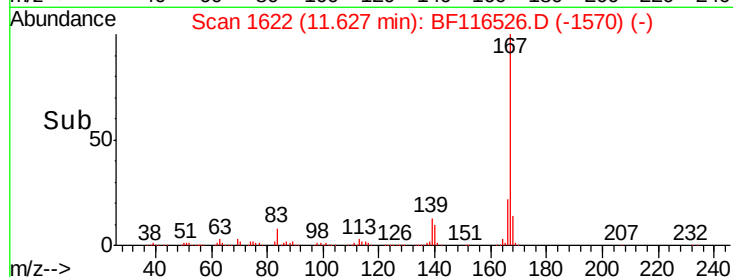
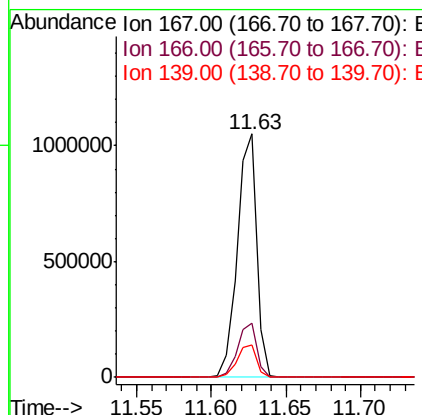
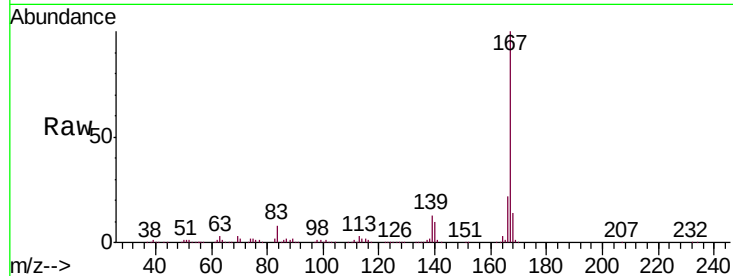
#73
 Carbazole
 Concen: 36.527 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100	962954		
166	22.2		17.8	26.6
139	13.4		10.9	16.3

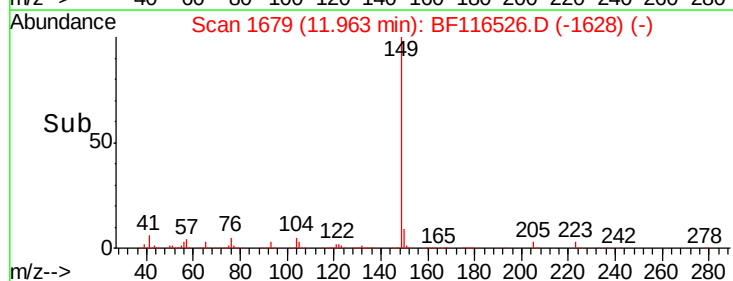
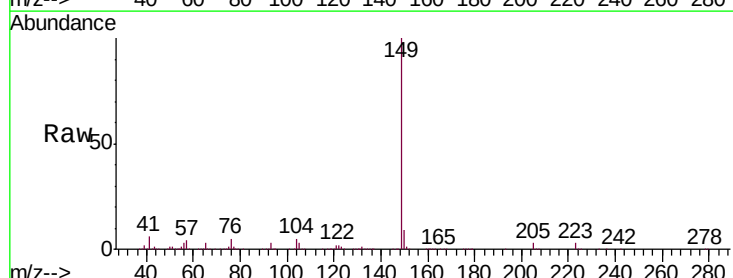
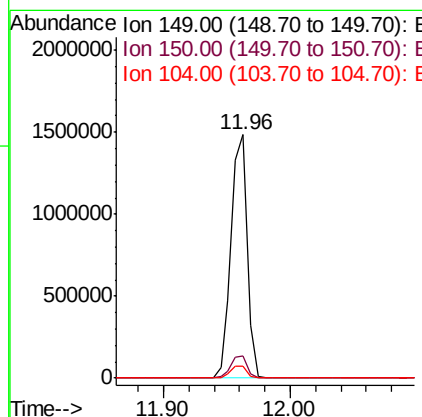
Manual Integrations
 APPROVED

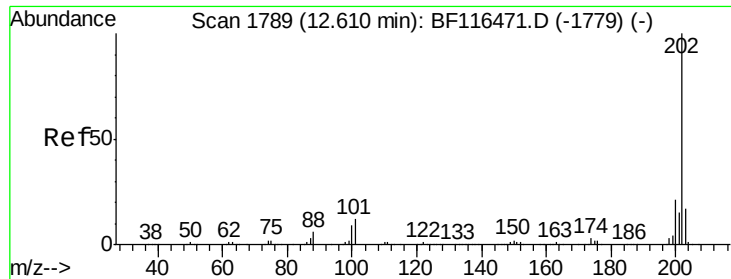
mohammad
 8/29/2019 7:52:57 AM



#74
 Di-n-butylphthalate
 Concen: 40.024 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1307493		
150	9.1		7.5	11.3
104	4.9		4.1	6.1





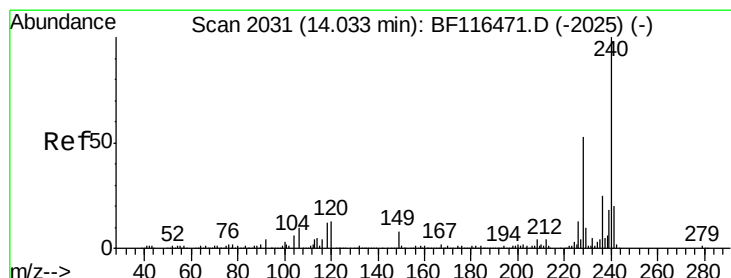
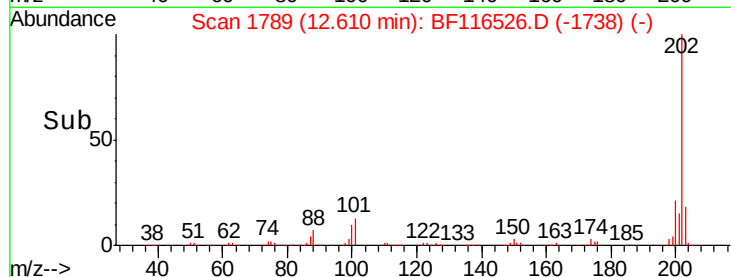
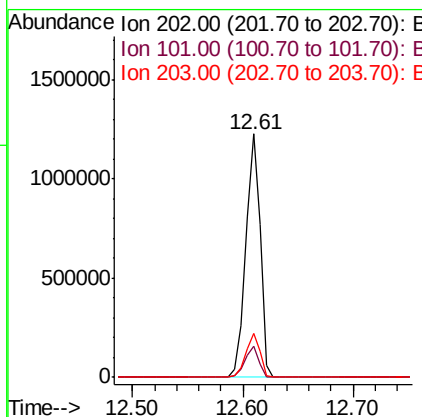
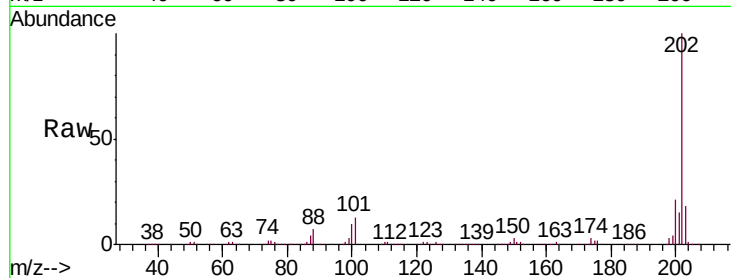
#75
Fluoranthene
Concen: 37.163 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1122959		
101	13.0		0.0	31.5
203	18.0		0.0	37.5

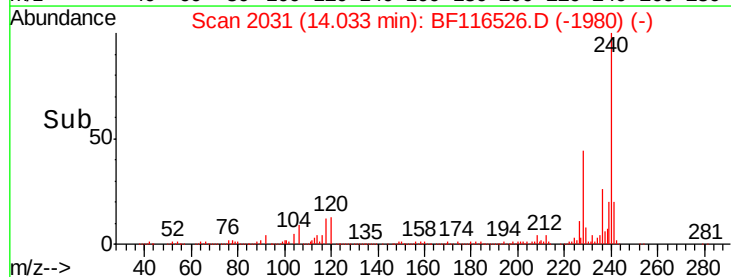
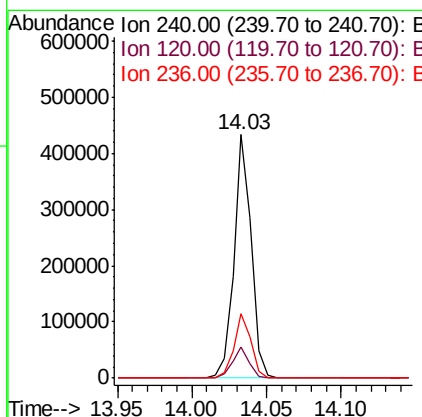
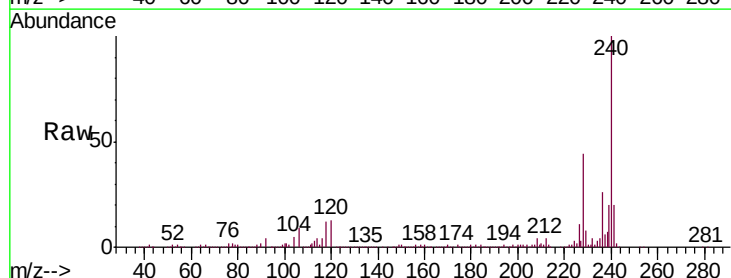
Manual Integrations
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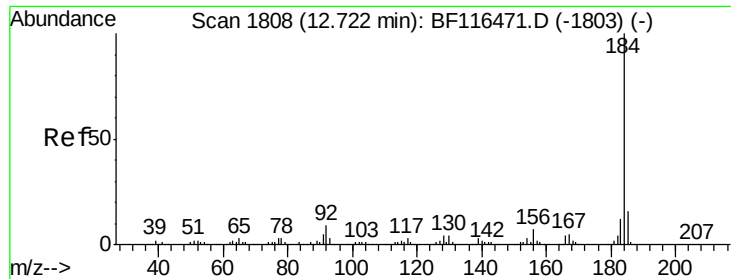
mohammad
8/29/2019 7:52:57 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	351849		
120	12.7		10.5	15.7
236	26.2		20.2	30.2





#77

Benzidine

Concen: 31.677 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

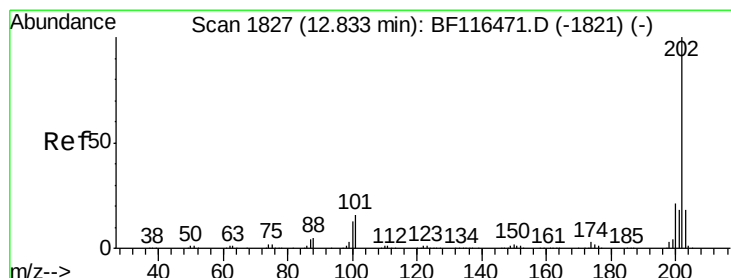
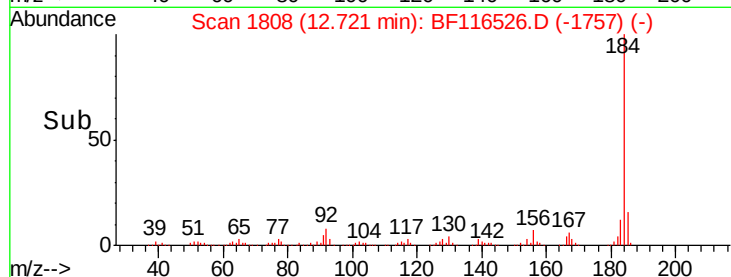
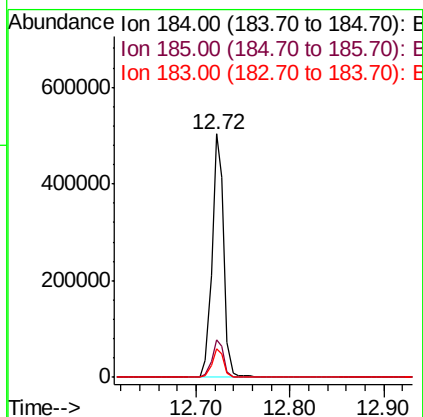
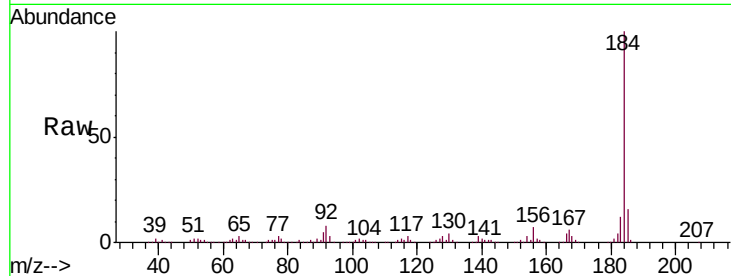
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	448415
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.0	19.4
183	12.0	9.8	14.6

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#78

Pyrene

Concen: 39.615 ng

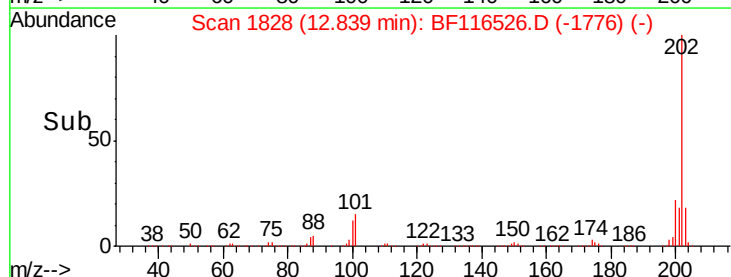
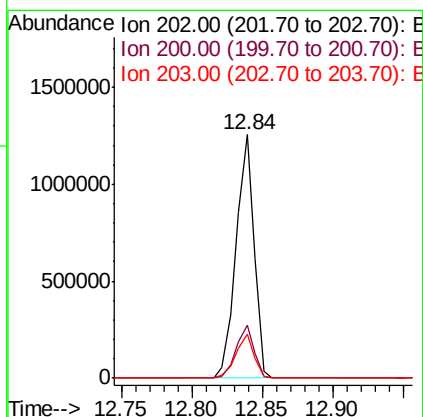
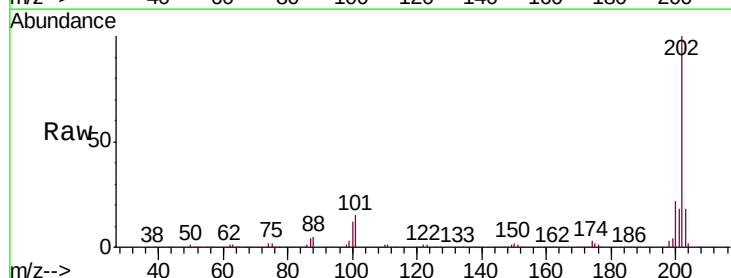
RT: 12.84 min Scan# 1828

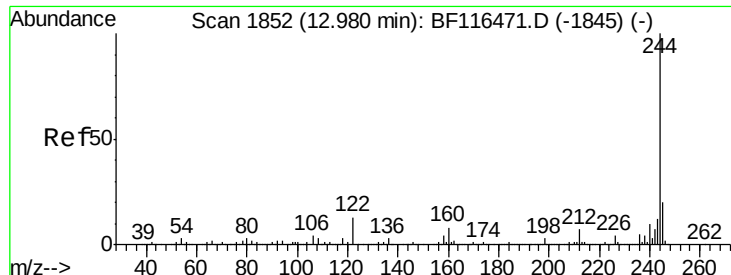
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:	202	Resp:	1114684
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	17.8	14.2	21.4





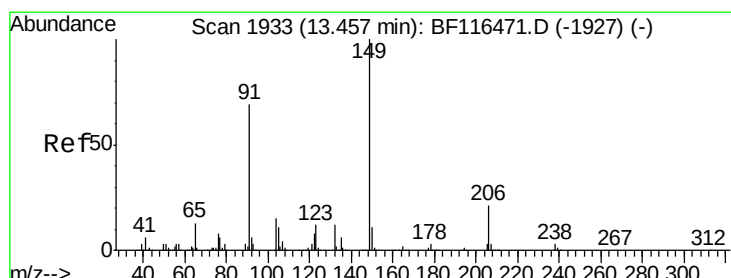
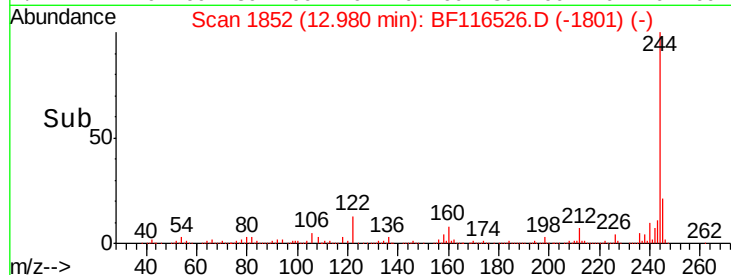
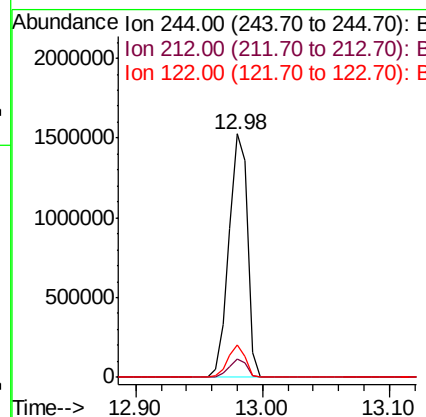
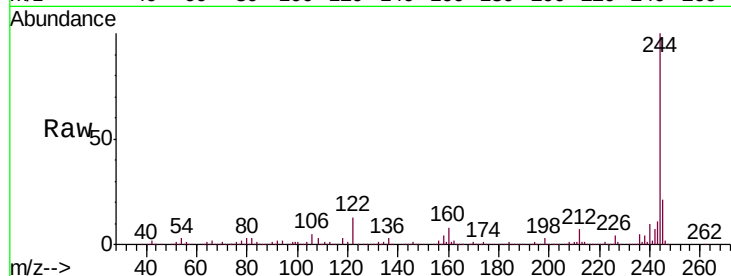
#79
 Terphenyl-d14
 Concen: 81.960 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	13.3	10.2	15.4

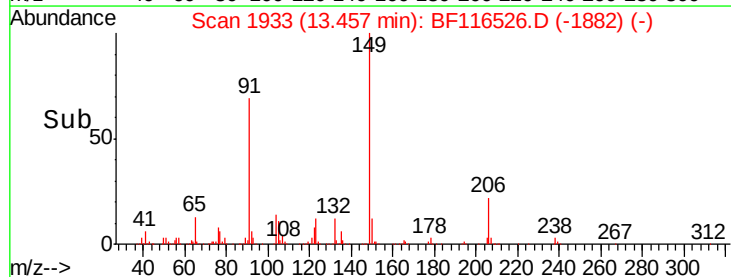
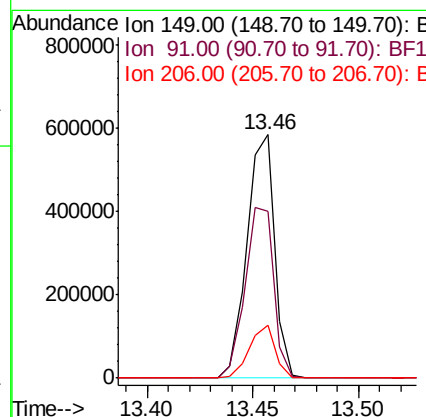
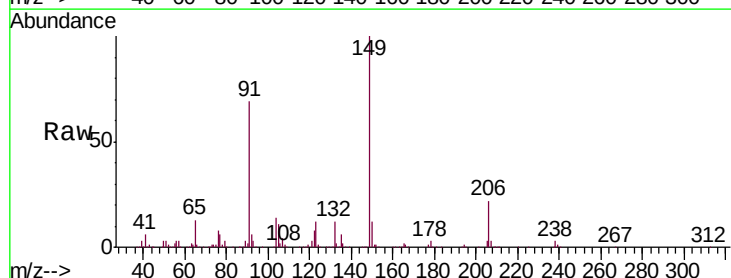
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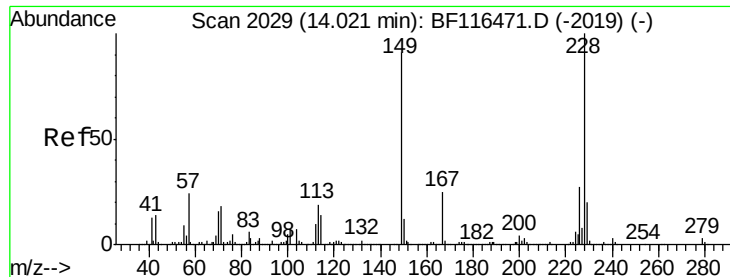
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.575 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	54.9	82.3
206	21.8	16.6	24.8





#81

Benzo(a)anthracene

Concen: 38.228 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

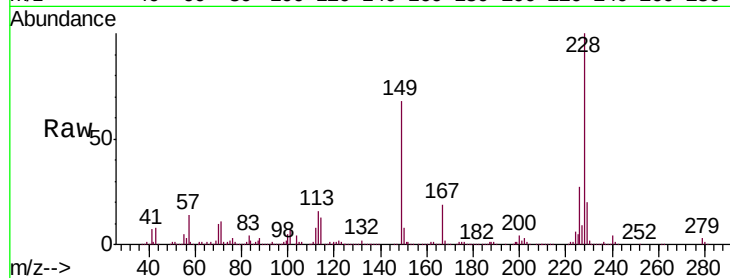
ClientSampleId :

SSTDCCC040

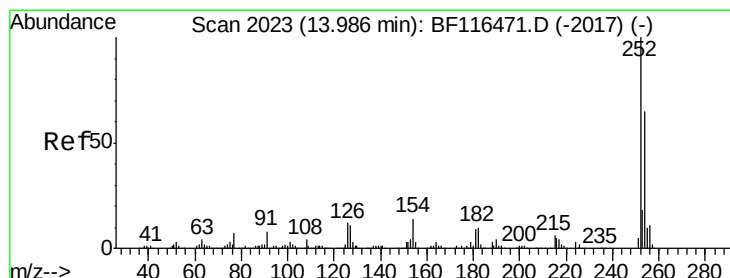
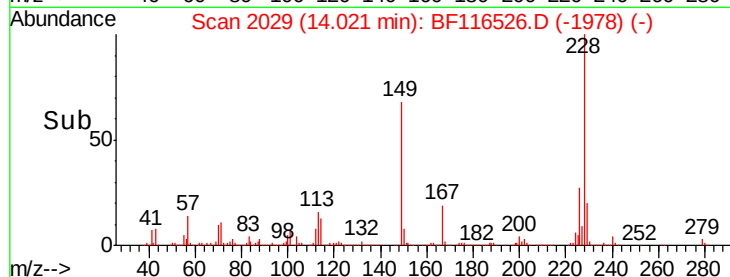
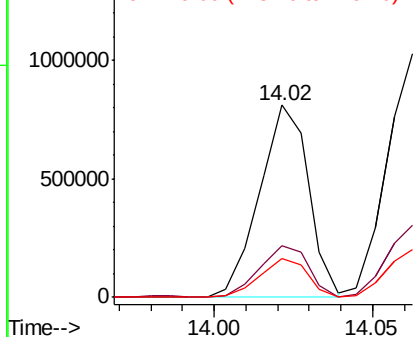
Tot Ion:	228	Resp:	871145
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.8	32.6
229	20.0	15.9	23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.054 ng

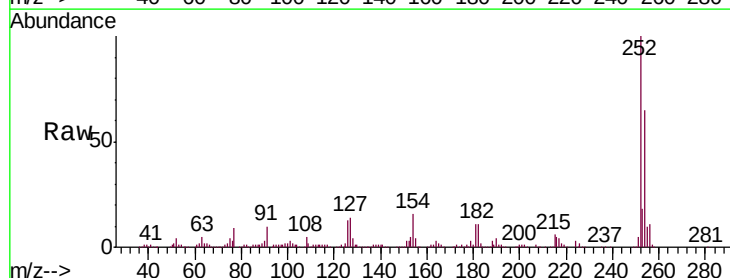
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

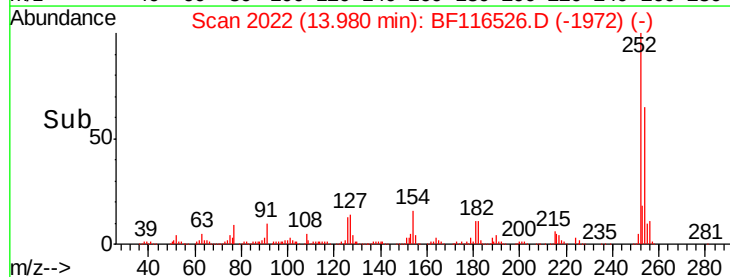
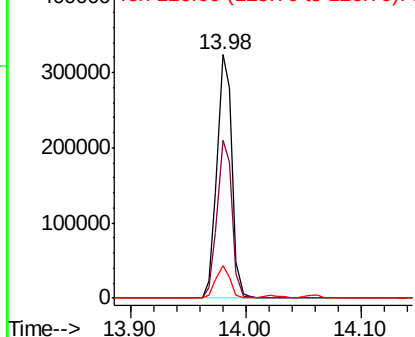
Lab File: BF116526.D

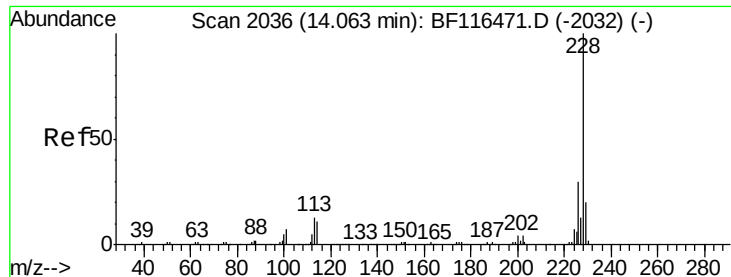
Acq: 25 Aug 2019 12:38

Tgt Ion:	252	Resp:	292793
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.9	77.9
126	13.3	9.4	14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





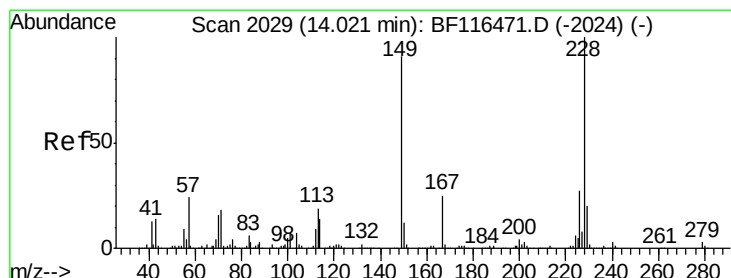
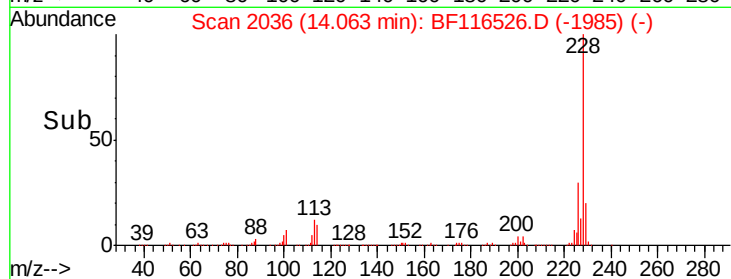
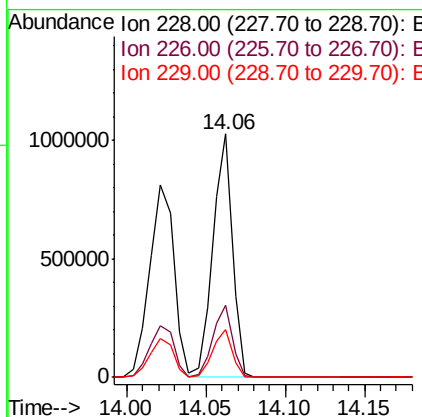
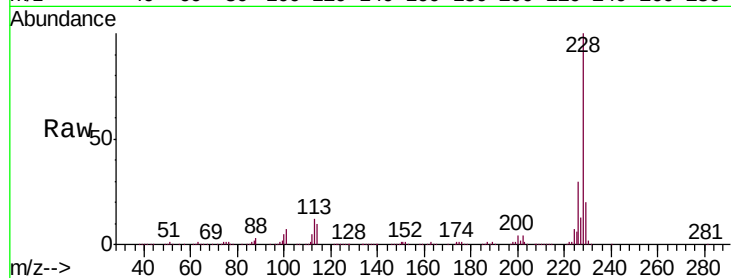
#83
Chrysene
Concen: 38.088 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228	Resp:	879716
Ion Ratio	Lower	Upper
228 100		
226 29.8	24.2	36.2
229 19.6	15.8	23.6

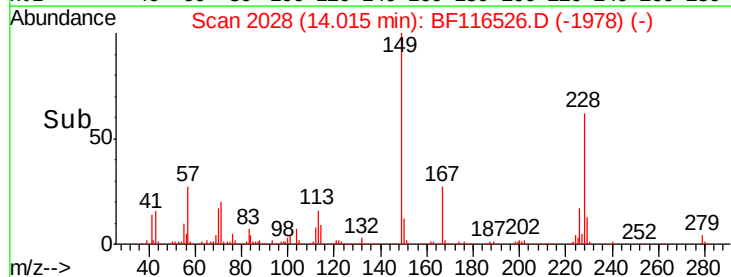
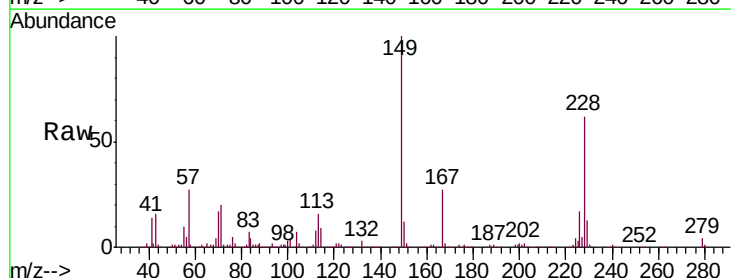
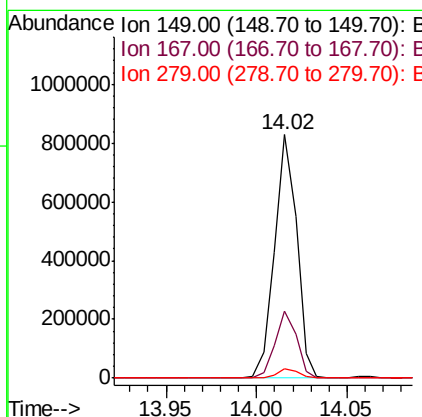
Manual Integrations
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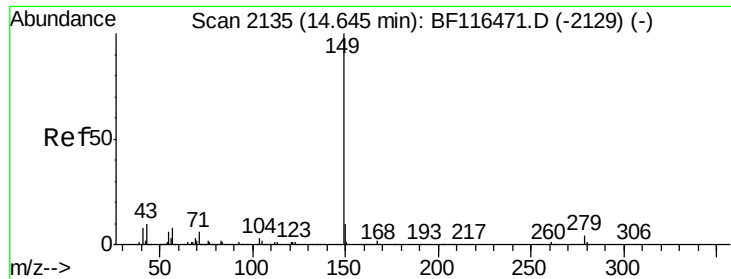
mohammad
8/29/2019 7:52:57 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.477 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:149	Resp:	704485
Ion Ratio	Lower	Upper
149 100		
167 27.5	21.8	32.6
279 3.8	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 42.431 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1167250

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

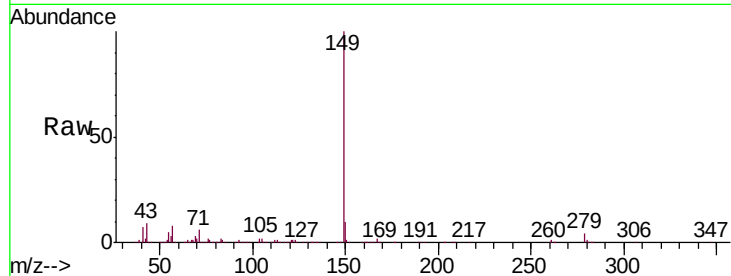
43 9.3 7.8 11.8

Manual Integrations

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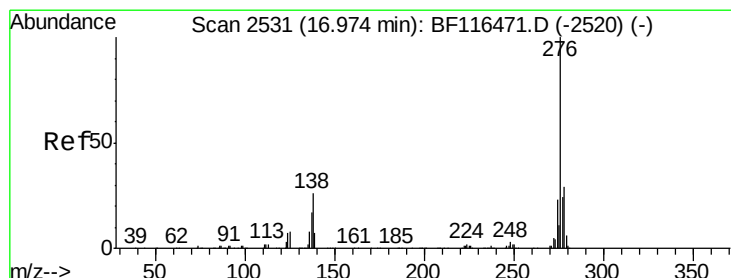
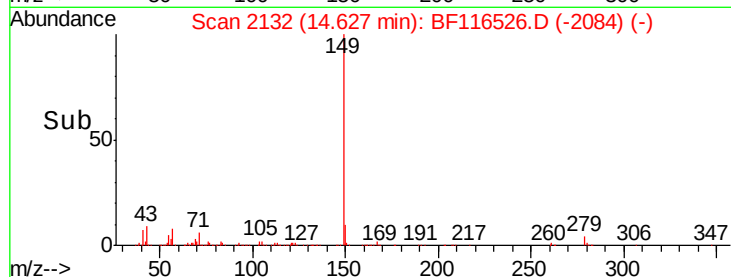
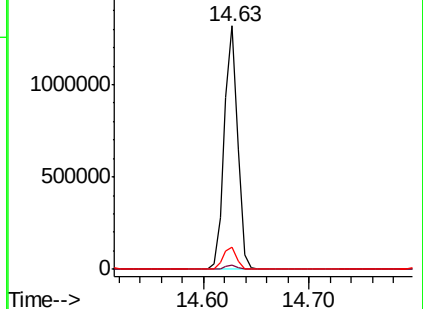
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.876 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

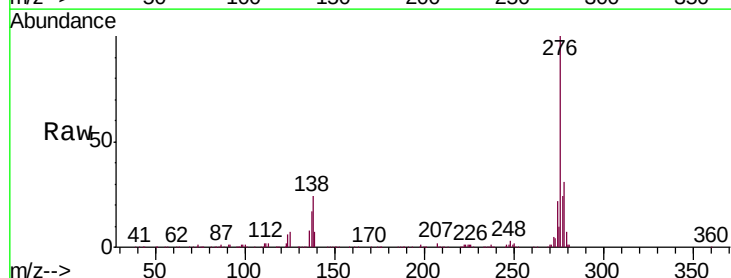
Tgt Ion:276 Resp: 650455

Ion Ratio Lower Upper

276 100

138 27.0 22.9 34.3

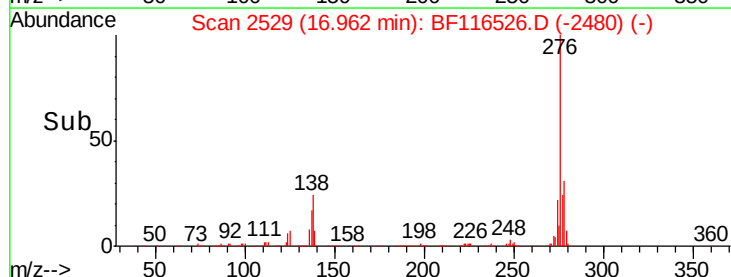
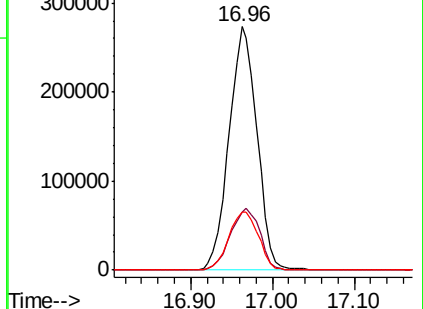
277 25.2 19.9 29.9

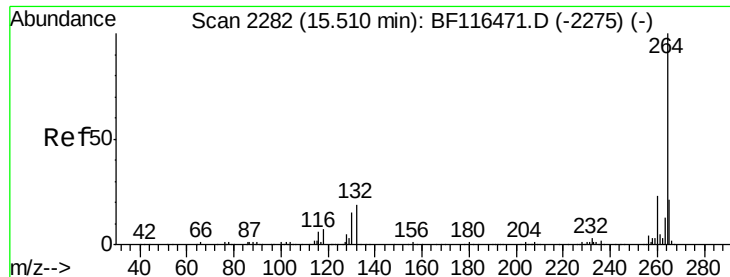


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





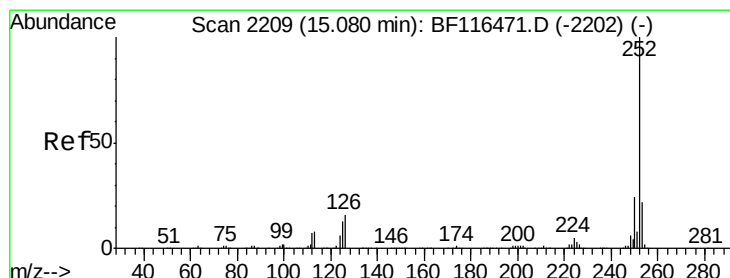
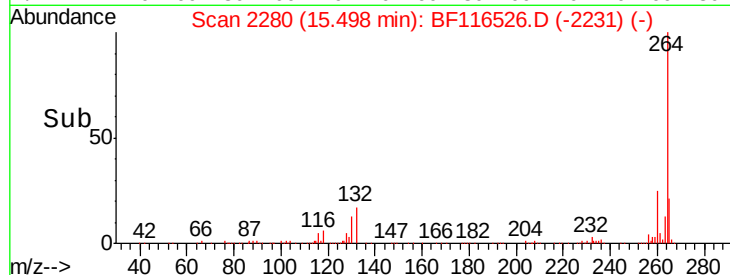
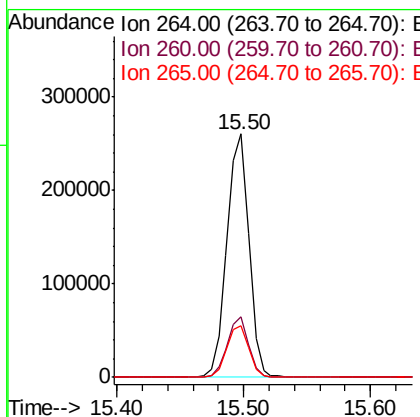
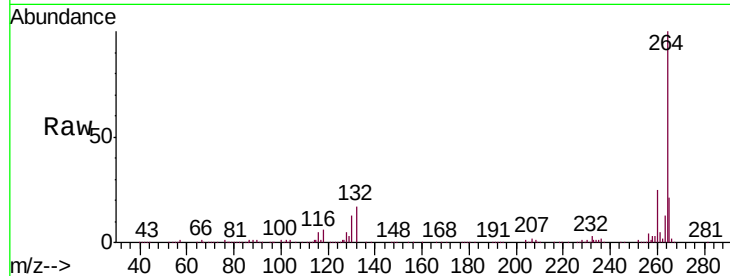
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	264	Resp:	313111
Ion Ratio		Lower	Upper
264	100		
260	25.0	18.8	28.2
265	21.1	17.1	25.7

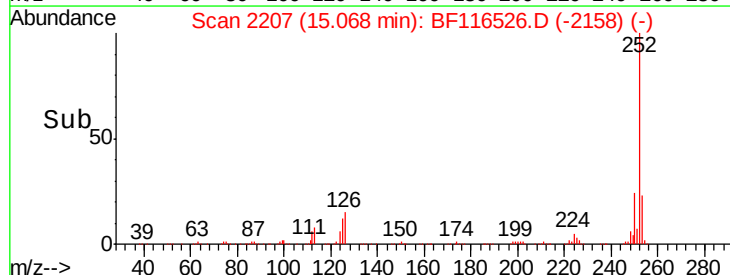
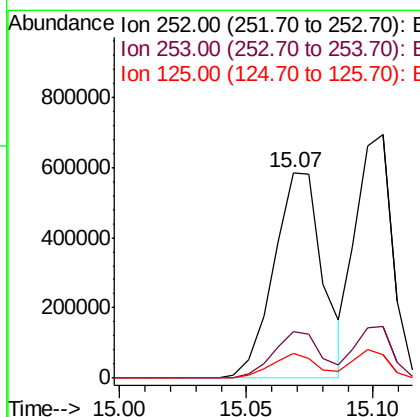
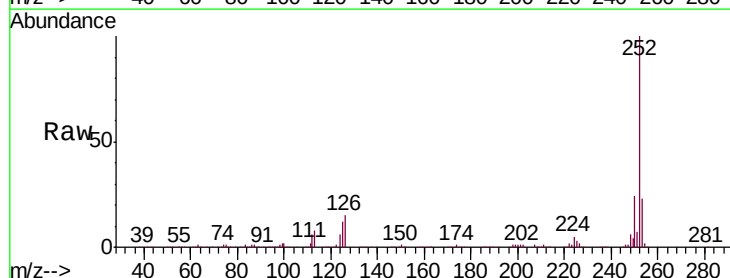
Manual Integrations
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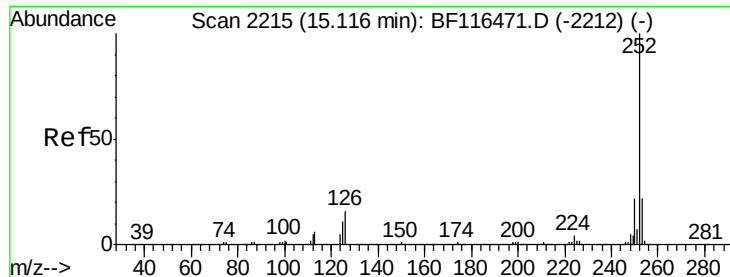
mohammad
8/29/2019 7:52:57 AM



#88
Benzo(b)fluoranthene
Concen: 40.581 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:	252	Resp:	784938
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.7	10.1	15.1





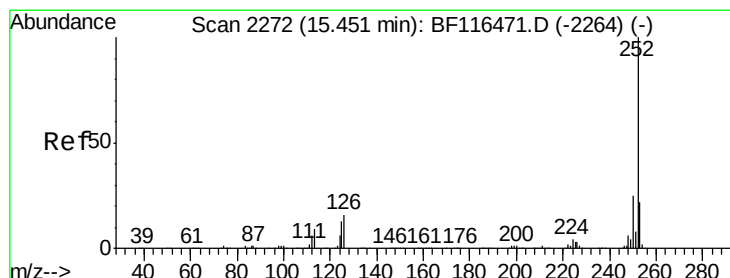
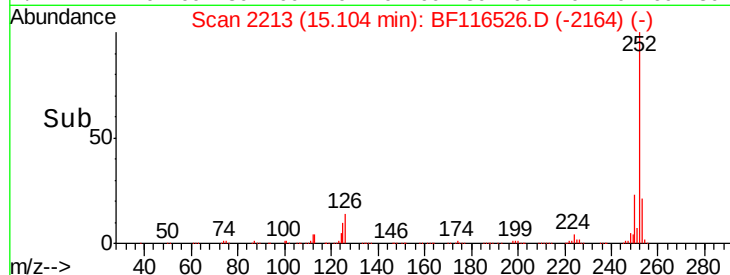
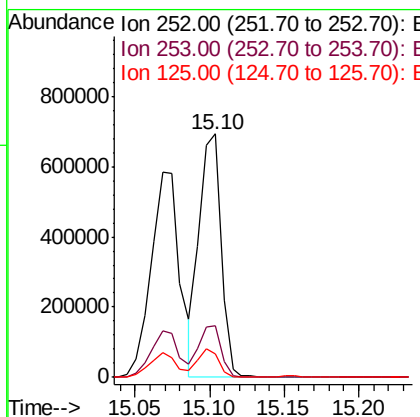
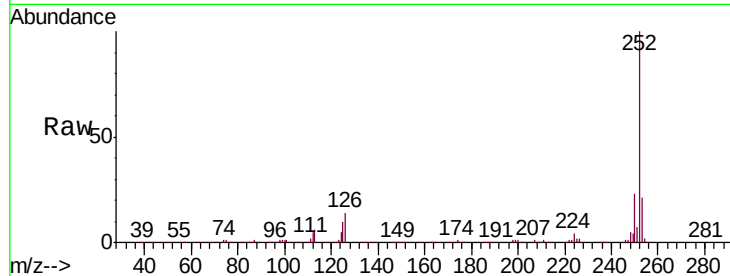
#89
Benzo(k)fluoranthene
Concen: 39.924 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	699595		
253	21.3		17.4	26.2
125	9.9		9.1	13.7

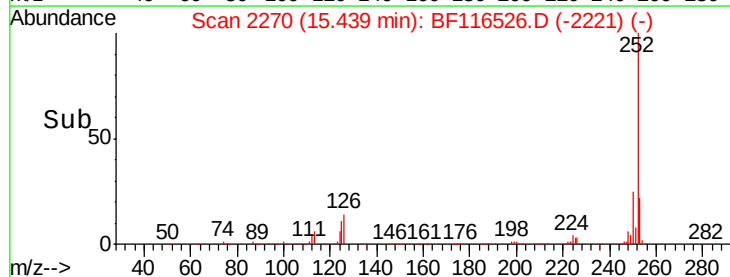
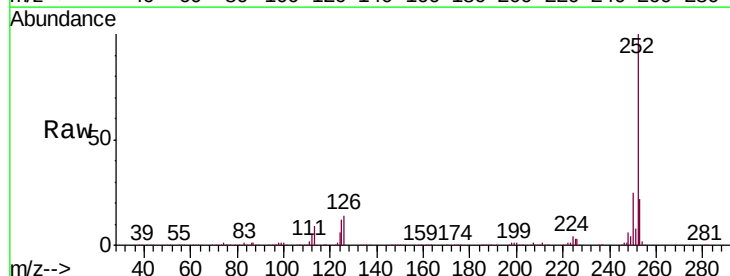
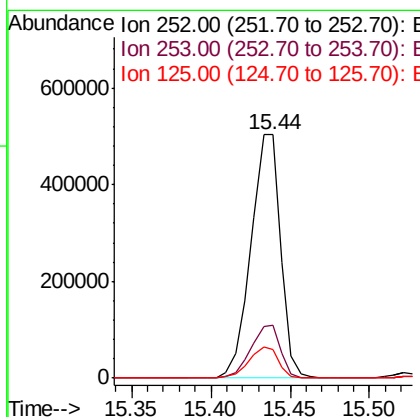
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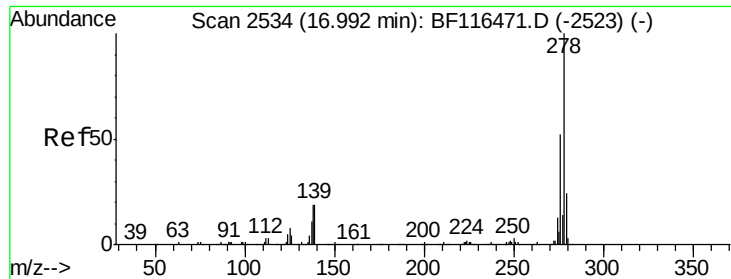
mohammad
8/29/2019 7:52:57 AM



#90
Benzo(a)pyrene
Concen: 38.478 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	657786		
253	21.9		17.2	25.8
125	11.6		10.2	15.4





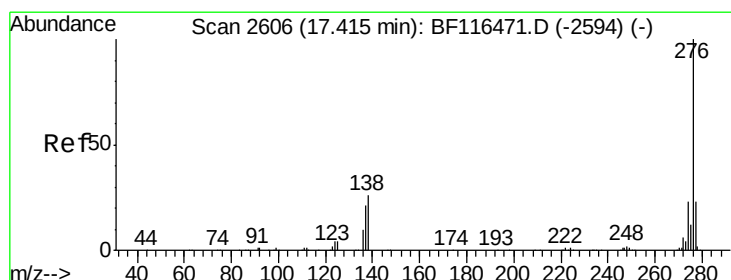
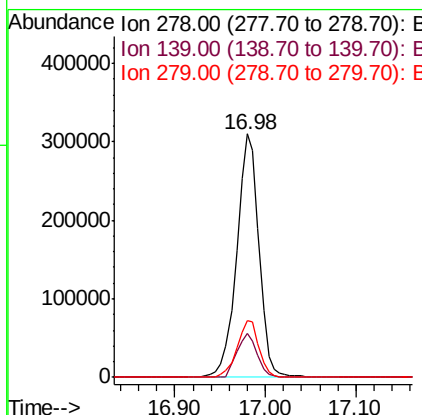
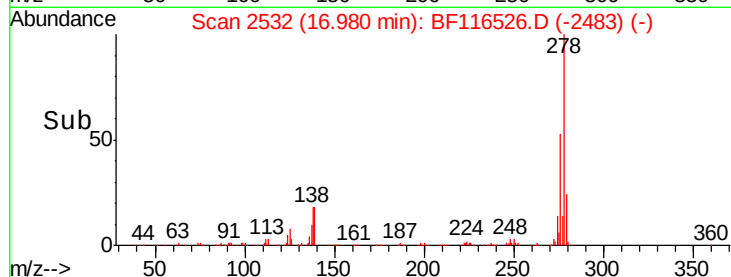
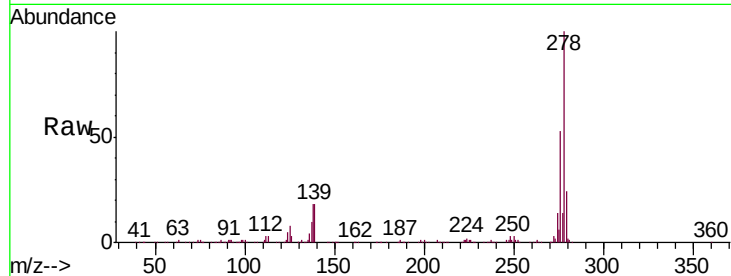
#91
Dibenzo(a,h)anthracene
Concen: 37.636 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.3	22.9
279	23.5	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 38.605 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	23.9	20.8	31.2

