

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115981.D
 Acq On : 5 Aug 2019 14:34
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:45:40 PM

Quant Time: Aug 06 08:49:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132562	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	539762	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	296117	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	522119	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	388451	20.00	ng	-0.02
87) Perylene-d12	15.47	264	343071	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	635793	80.29	ng	0.00
7) Phenol-d6	6.48	99	852110	85.29	ng	0.00
23) Nitrobenzene-d5	7.41	82	786538	84.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	246468	85.85	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1362184	86.16	ng	-0.01
79) Terphenyl-d14	12.95	244	1563221	84.80	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	129679	32.417	ng	100
3) Pyridine	3.35	79	370973m	33.197	ng	
4) n-Nitrosodimethylamine	3.29	42	89932	20.393	ng	# 100
6) Aniline	6.51	93	574405	40.146	ng	100
8) 2-Chlorophenol	6.63	128	373559	42.661	ng	99
9) Benzaldehyde	6.39	77	254925	36.981	ng	95
10) Phenol	6.49	94	494182	42.004	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	370187	42.797	ng	98
12) 1,3-Dichlorobenzene	6.79	146	421910	41.692	ng	98
13) 1,4-Dichlorobenzene	6.86	146	426863	42.128	ng	99
14) 1,2-Dichlorobenzene	7.02	146	395095	42.347	ng	99
15) Benzyl Alcohol	6.99	79	330750	43.624	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	504802	42.786	ng	97
17) 2-Methylphenol	7.10	107	318389	42.942	ng	99
18) Hexachloroethane	7.36	117	159849	42.849	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	265674	42.913	ng	97
20) 3+4-Methylphenols	7.25	107	379137	43.211	ng	# 85
22) Acetophenone	7.26	105	509249	43.019	ng	# 98
24) Nitrobenzene	7.43	77	423682	41.962	ng	97
25) Isophorone	7.67	82	762482	42.644	ng	99
26) 2-Nitrophenol	7.75	139	209245	43.964	ng	98
27) 2,4-Dimethylphenol	7.78	122	300453	41.960	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	476046	42.955	ng	99
29) 2,4-Dichlorophenol	7.99	162	326821	43.227	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	363065	42.127	ng	99
31) Naphthalene	8.15	128	1100048	43.309	ng	100
32) Benzoic acid	7.92	122	221796	43.934	ng	98
33) 4-Chloroaniline	8.20	127	477846	42.105	ng	99
34) Hexachlorobutadiene	8.27	225	212242	42.755	ng	99
35) Caprolactam	8.57	113	101699	41.590	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	342798	43.583	ng	96
37) 2-Methylnaphthalene	8.84	142	734589	43.913	ng	100
38) 1-Methylnaphthalene	8.94	142	700937	44.292	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	337050	42.576	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	101017	32.242	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	220046	40.383	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	232470	41.272	nq	97
46) 1,1'-Biphenyl	9.30	154	887489	42.452	nq	99
47) 2-Chloronaphthalene	9.33	162	723266	41.568	nq	98
48) 2-Nitroaniline	9.43	65	237178	41.239	nq	98
49) Acenaphthylene	9.75	152	1100478	43.352	nq	99
50) Dimethylphthalate	9.60	163	855573	42.434	nq	100
51) 2,6-Dinitrotoluene	9.67	165	187639	42.824	nq	98
52) Acenaphthene	9.92	154	652981	41.930	nq	100
53) 3-Nitroaniline	9.84	138	216803	40.045	nq	95
54) 2,4-Dinitrophenol	9.95	184	79278	39.912	nq	94
55) Dibenzofuran	10.09	168	976073	43.099	nq	98
56) 4-Nitrophenol	10.00	139	135652	39.113	nq	99
57) 2,4-Dinitrotoluene	10.07	165	248502	42.597	nq	98
58) Fluorene	10.43	166	754381	43.295	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	196361	41.437	nq	98
60) Diethylphthalate	10.30	149	818060	43.458	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	387752	43.940	nq	97
62) 4-Nitroaniline	10.45	138	225367	40.279	nq	98
63) Azobenzene	10.58	77	843193	43.550	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	125367	45.310	nq	96
66) n-Nitrosodiphenylamine	10.54	169	673648	42.866	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	242448	43.377	nq	93
68) Hexachlorobenzene	10.99	284	275053	42.557	nq	95
69) Atrazine	11.06	200	172266	33.320	nq	99
70) Pentachlorophenol	11.18	266	119782	38.174	nq	99
71) Phenanthrene	11.39	178	1132050	42.412	nq	99
72) Anthracene	11.45	178	1157787	42.860	nq	99
73) Carbazole	11.60	167	1044850	42.633	nq	99
74) Di-n-butylphthalate	11.92	149	1337005	46.766	nq	100
75) Fluoranthene	12.58	202	1208549	43.249	nq	98
77) Benzidine	12.70	184	514681	39.218	nq	97
78) Pyrene	12.81	202	1231612	42.060	nq	99
80) Butylbenzylphthalate	13.42	149	555465	44.845	nq	99
81) Benzo(a)anthracene	14.00	228	1068836	43.049	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	367415	42.595	nq	99
83) Chrysene	14.03	228	1009459	41.878	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	770216	47.851	nq	99
85) Di-n-octyl phthalate	14.59	149	1173276	45.891	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	808143	39.918	nq	99
88) Benzo(b)fluoranthene	15.04	252	871377	43.927	nq	98
89) Benzo(k)fluoranthene	15.07	252	861116	44.568	nq	99
90) Benzo(a)pyrene	15.41	252	780963	44.041	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	667926	43.515	nq	100
92) Benzo(g,h,i)perylene	17.38	276	634509	42.091	nq	99

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

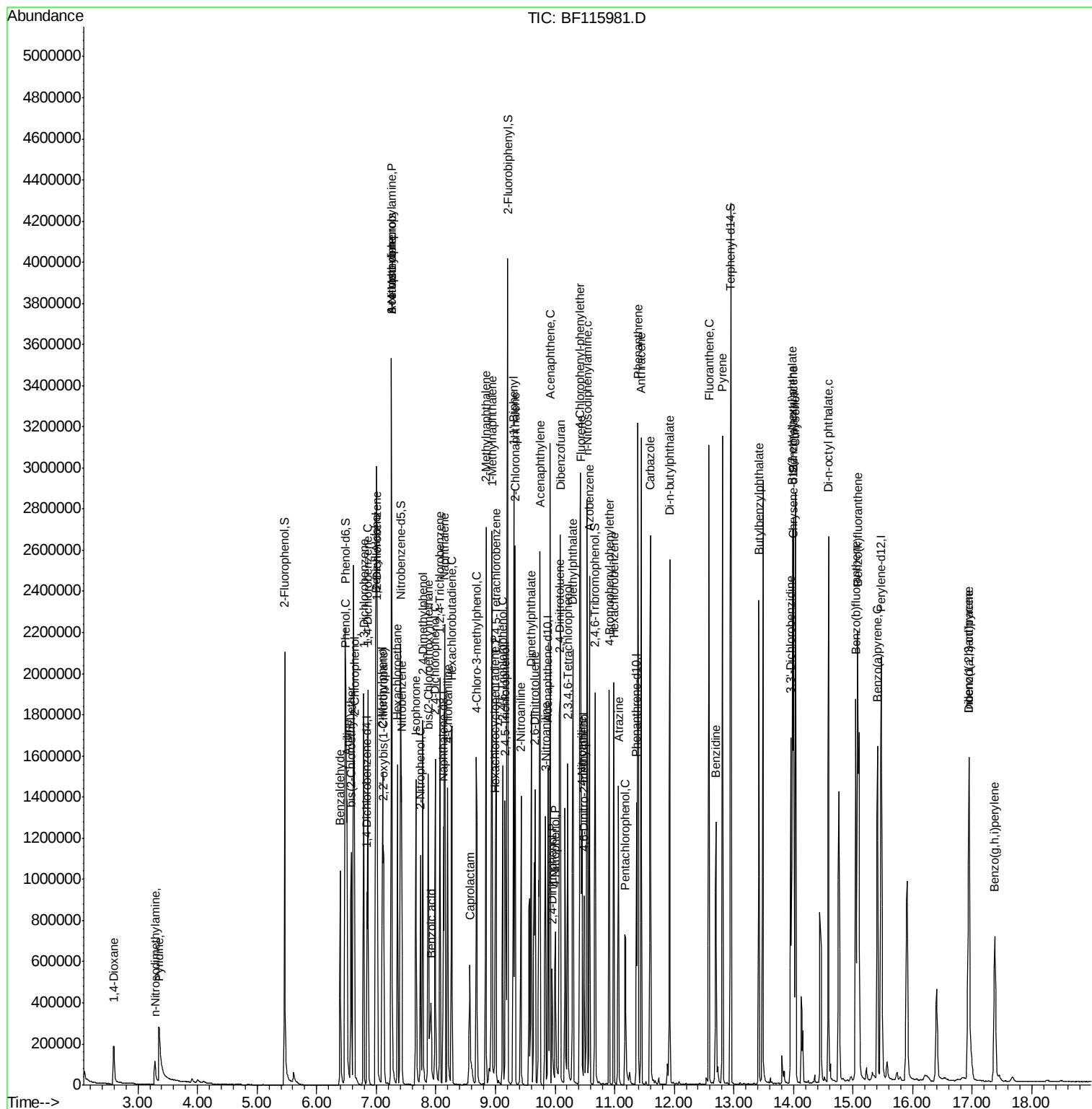
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
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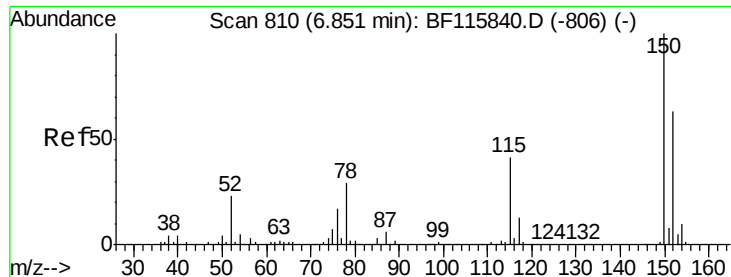
Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

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#1

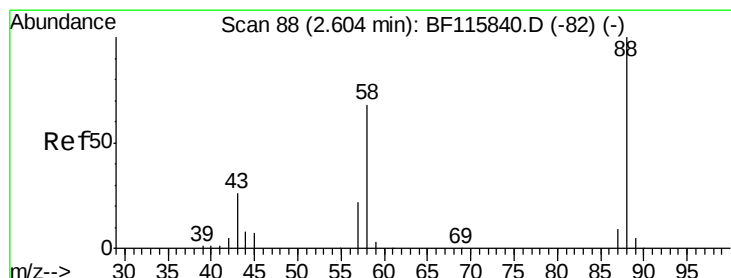
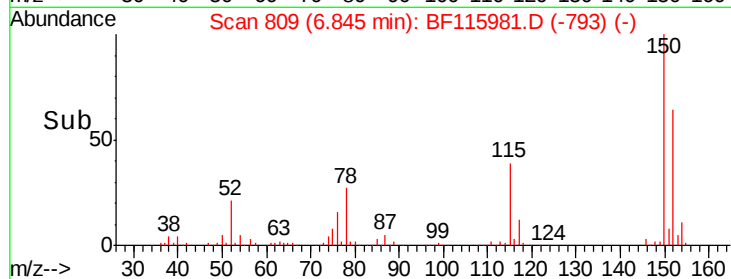
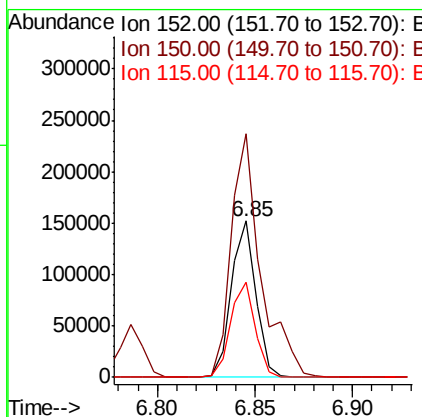
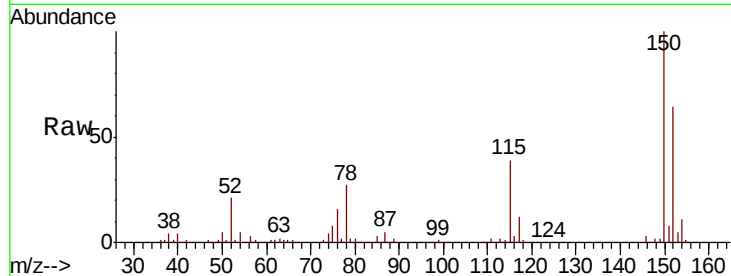
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	61.0	51.8	77.8

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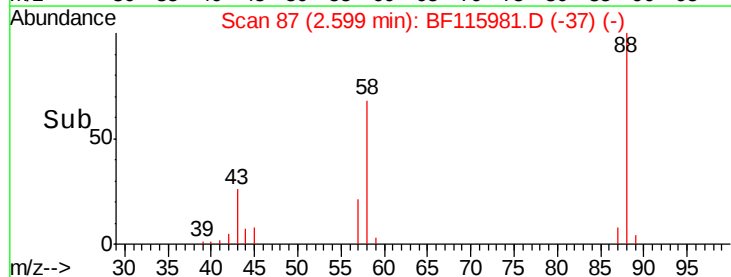
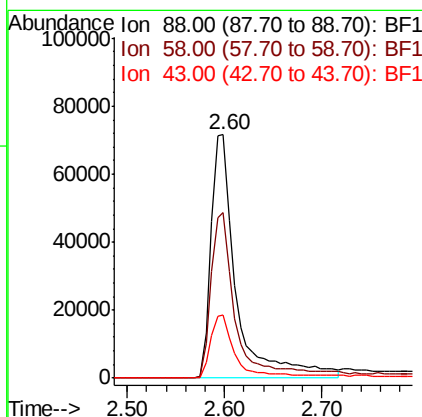
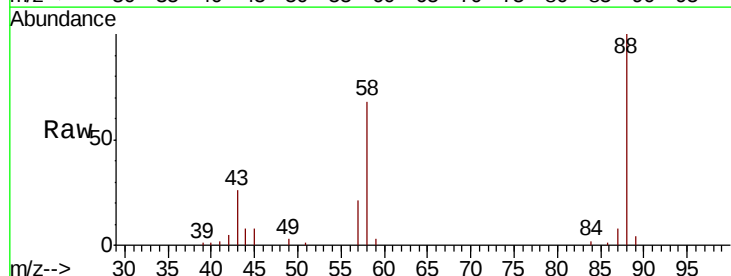
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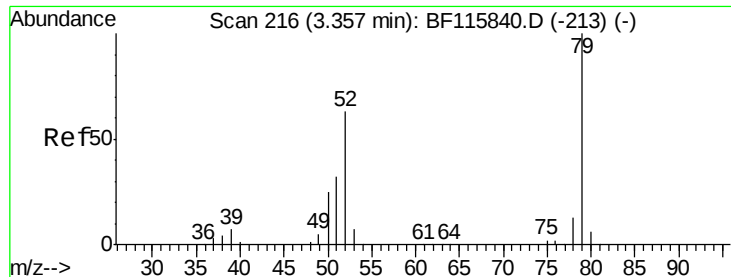


#2

1,4-Dioxane
Concen: 32.417 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	54.1	81.1
43	25.7	20.7	31.1





#3

Pvridine

Concen: 33.197 ng/ml

RT: 3.35 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

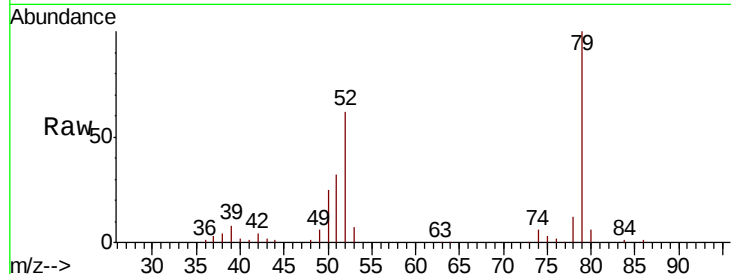
ClientSampled :

SSTDCCC040

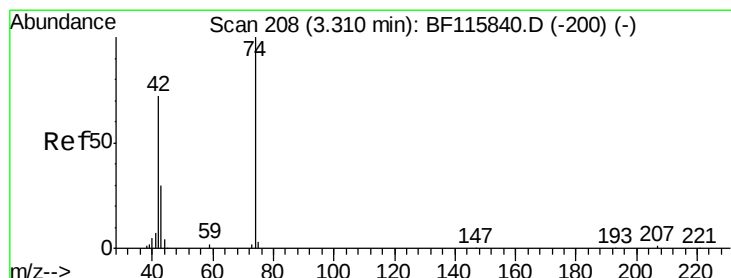
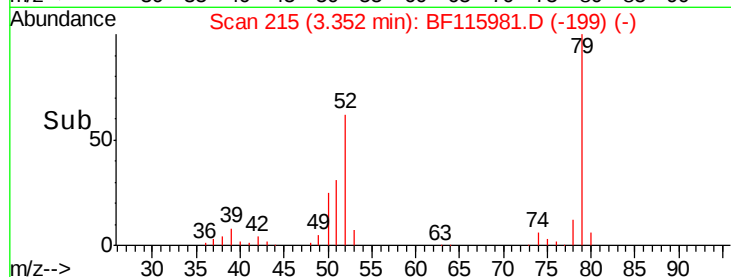
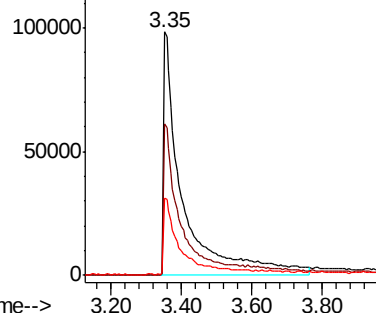
Tot Ion:	79	Resp:	370973
Ion	Ratio	Lower	Upper
79	100		
52	62.1	50.2	75.4
51	31.7	25.8	38.6

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



#4

n-Nitrosodimethylamine

Concen: 20.393 ng/ml

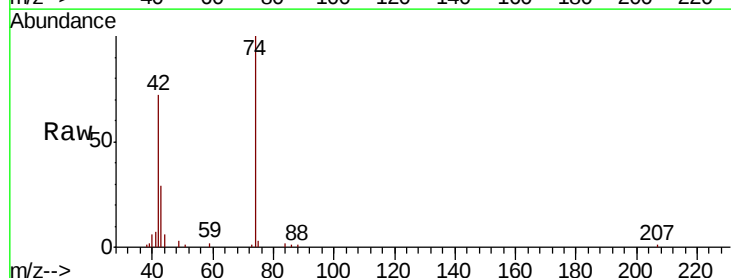
RT: 3.29 min Scan# 204

Delta R.T. -0.02 min

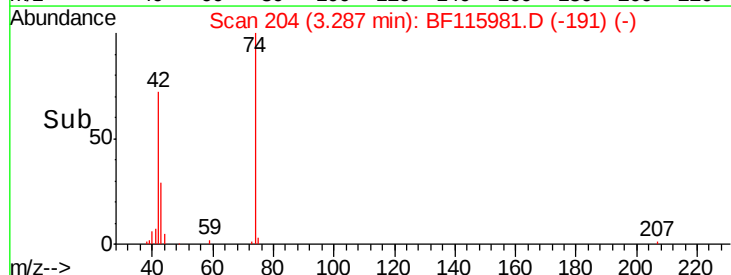
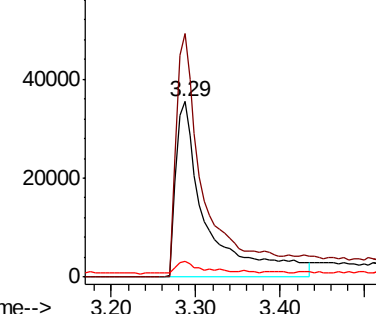
Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:	42	Resp:	89932
Ion	Ratio	Lower	Upper
42	100		
74	138.8	111.0	166.4
44	8.8	4.7	7.1



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





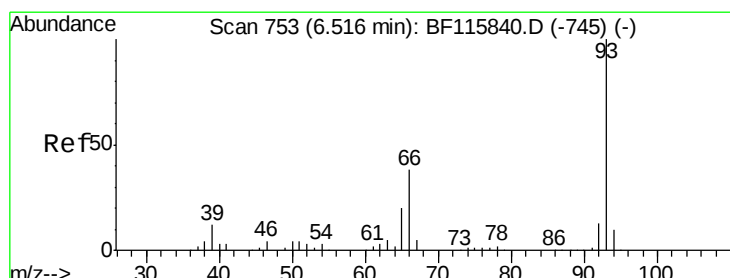
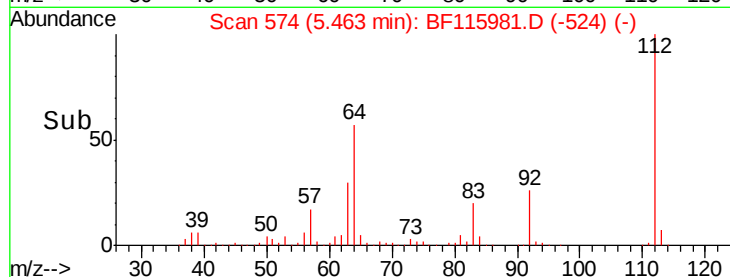
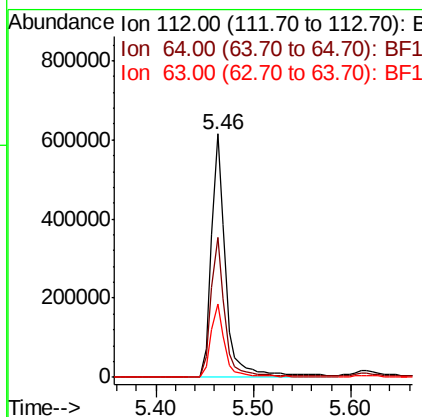
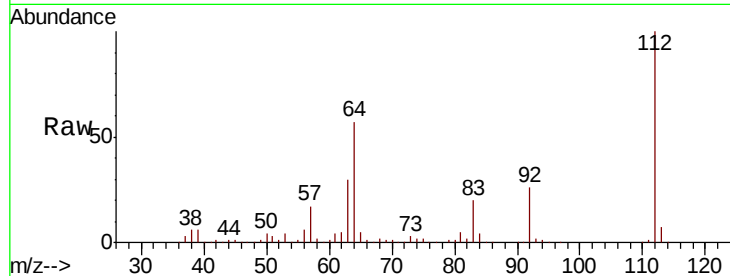
#5
2-Fluorophenol
Concen: 80.291 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	635793		
64	57.3	46.8	70.2	
63	30.1	24.2	36.2	

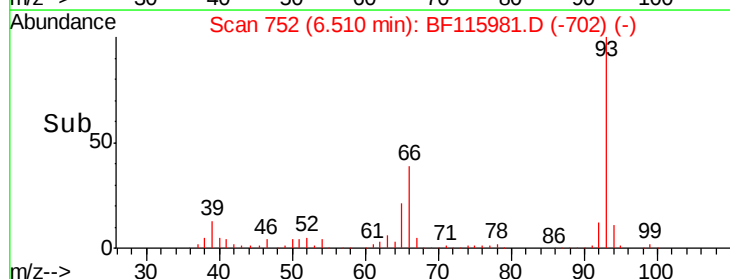
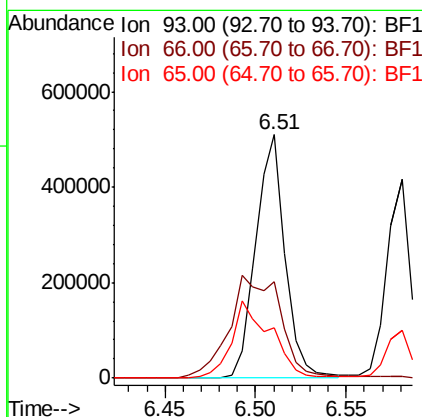
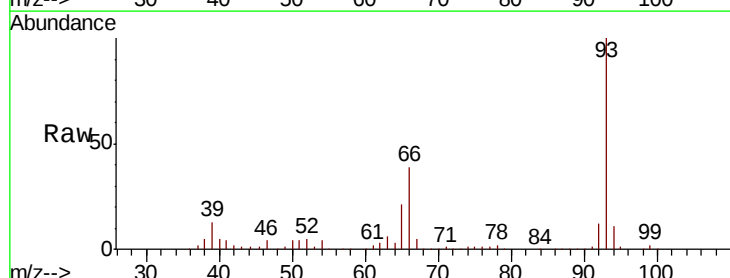
Manual Integrations
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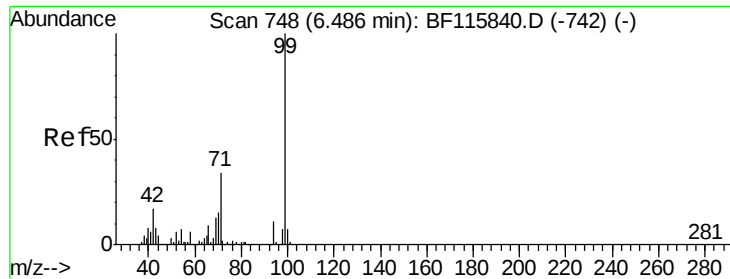
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#6
Aniline
Concen: 40.146 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	574405		
66	39.5	31.4	47.0	
65	20.6	16.5	24.7	





#7

Phenol-d6

Concen: 85.290 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

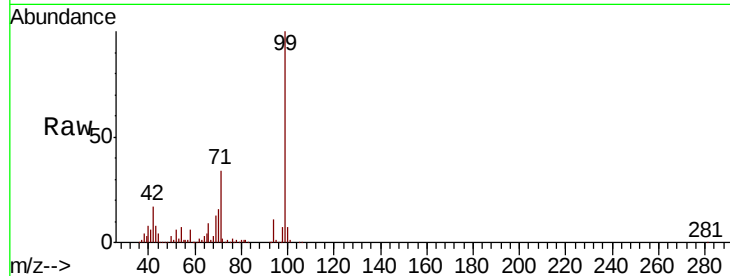
ClientSampleId :

SSTDCCC040

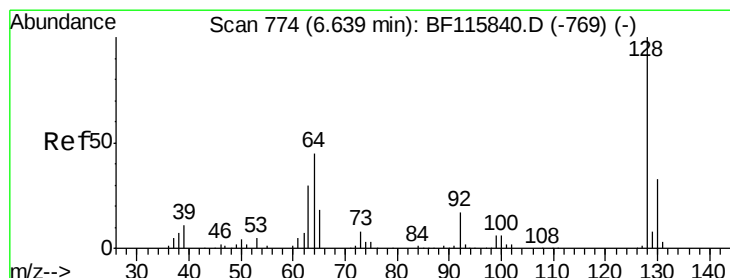
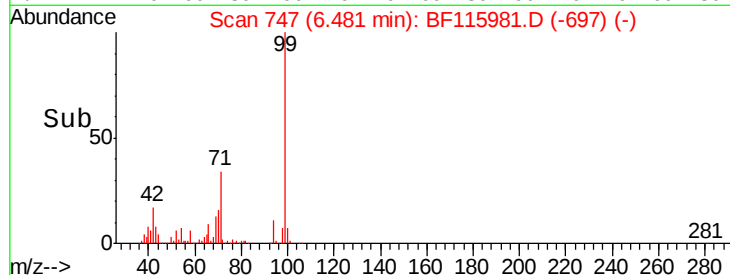
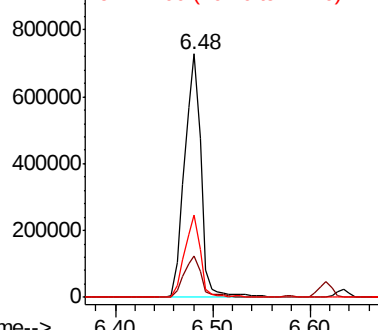
Tot Ion:	99	Resp:	852110
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.8	20.6
71	33.9	27.1	40.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.661 ng

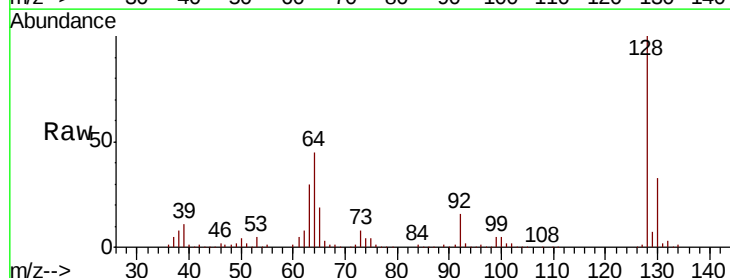
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

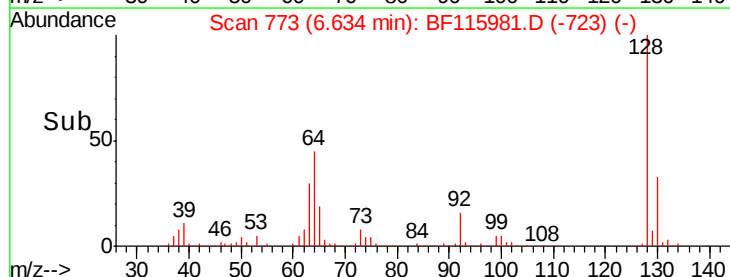
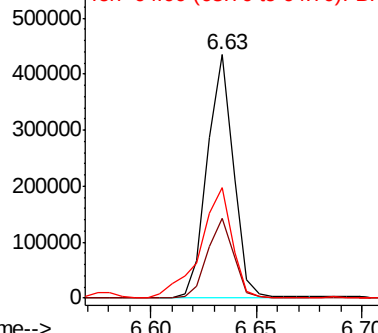
Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:	128	Resp:	373559
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	45.4	26.1	66.1



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





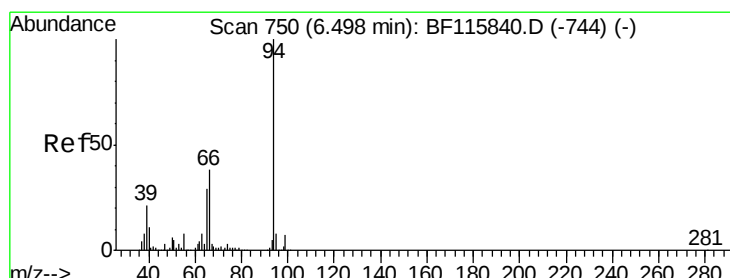
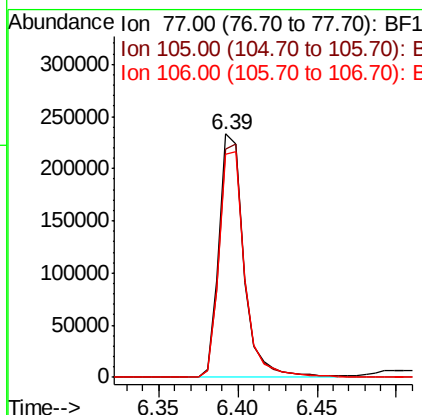
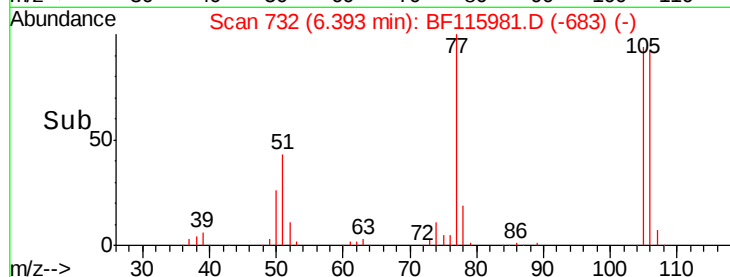
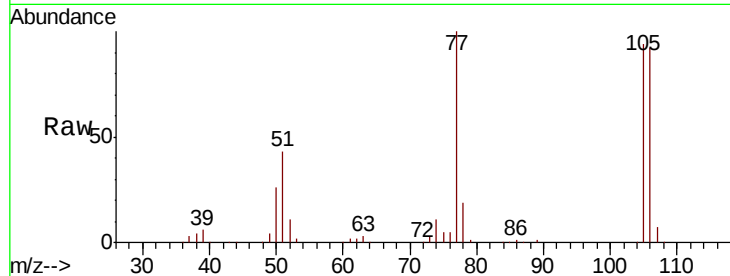
#9
Benzaldehyde
Concen: 36.981 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.6	79.0	119.0
106	91.6	76.2	116.2

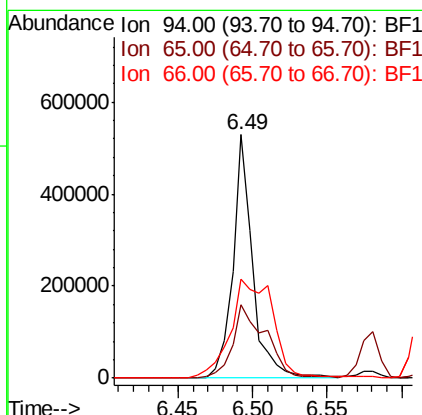
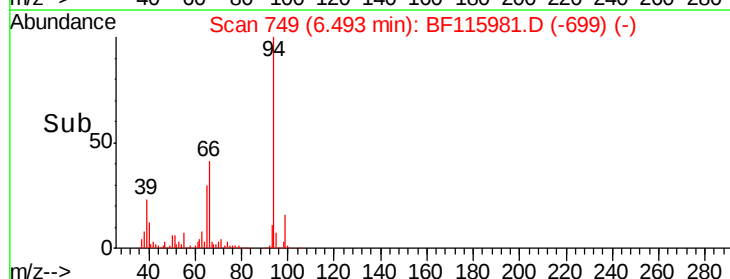
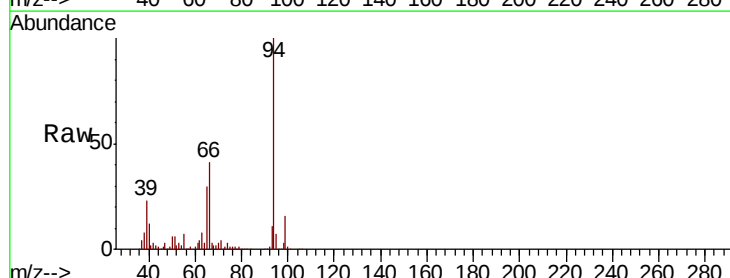
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#10
Phenol
Concen: 42.004 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.9	48.9
66	40.8	18.0	58.0





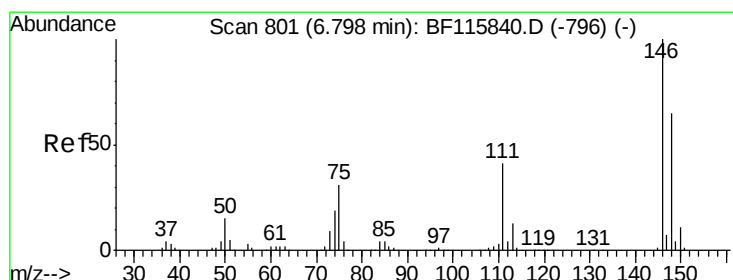
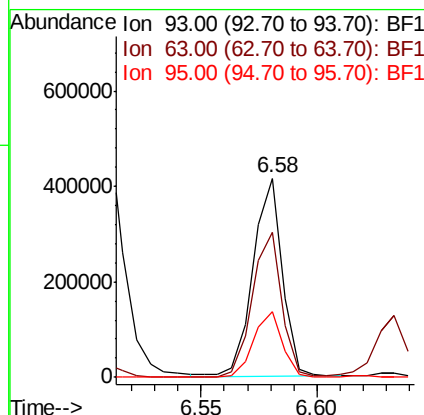
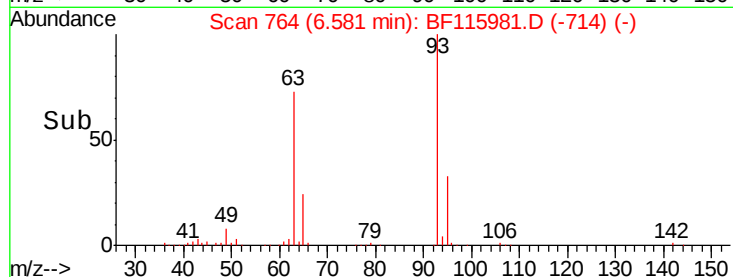
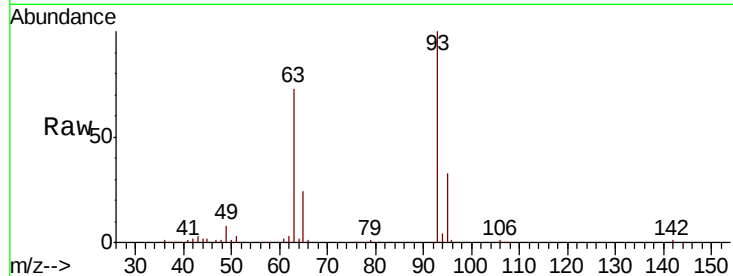
#11
bis(2-Chloroethyl)ether
Concen: 42.797 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	370187
Ion	Ratio	Lower	Upper
93	100		
63	72.8	54.9	94.9
95	33.1	13.3	53.3

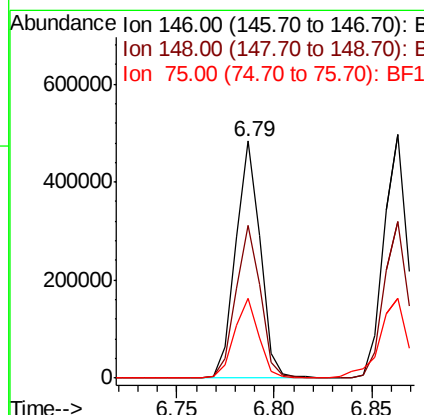
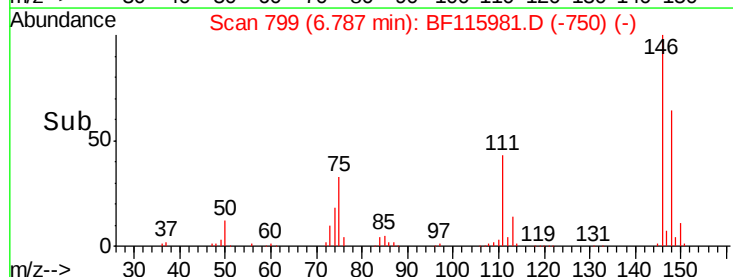
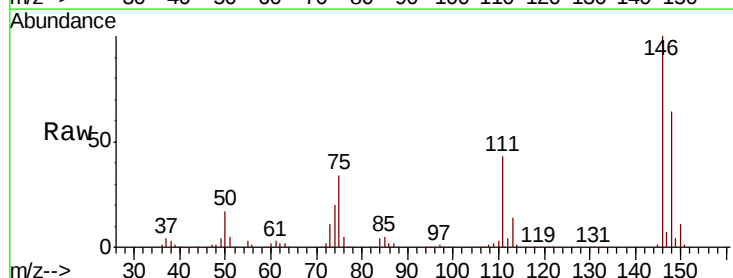
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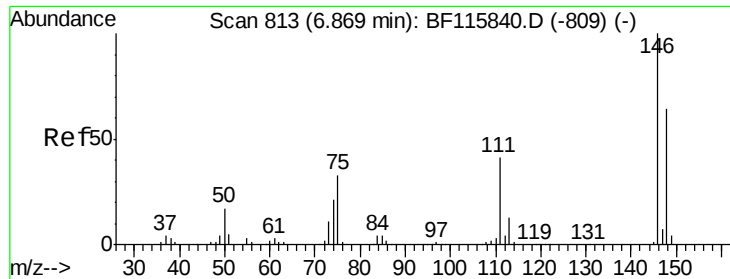
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#12
1,3-Dichlorobenzene
Concen: 41.692 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:	146	Resp:	421910
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	33.8	25.0	37.6





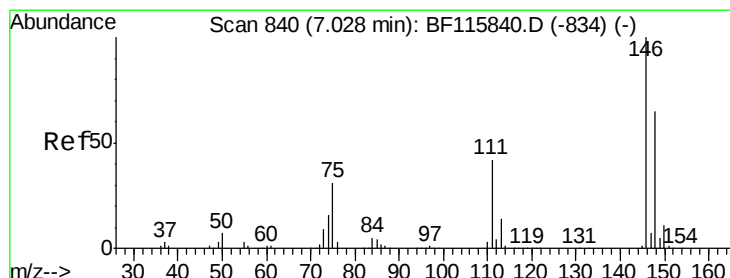
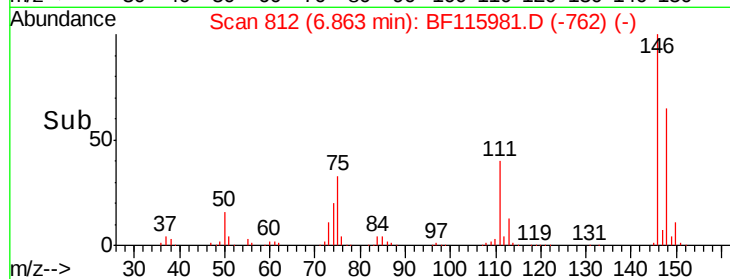
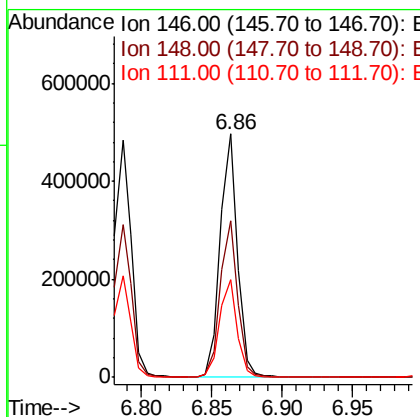
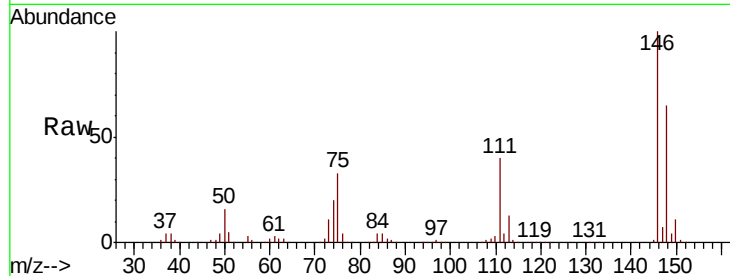
#13
 1,4-Dichlorobenzene
 Concen: 42.128 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	39.9	33.2	49.8

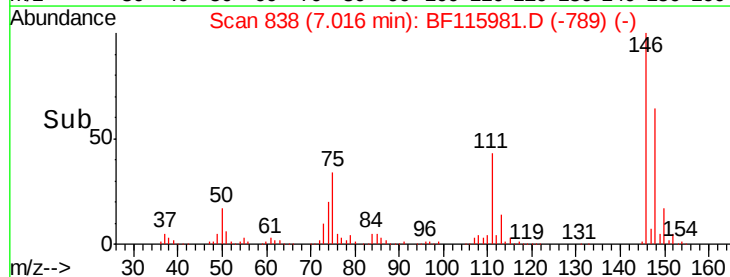
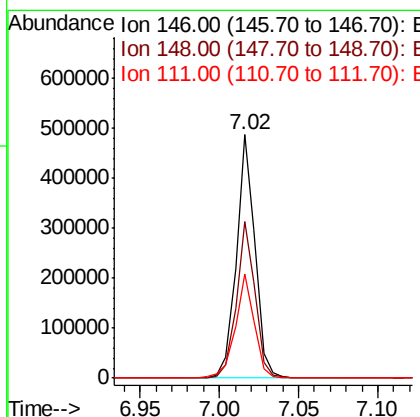
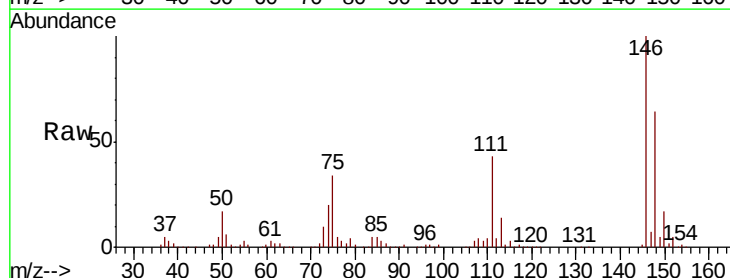
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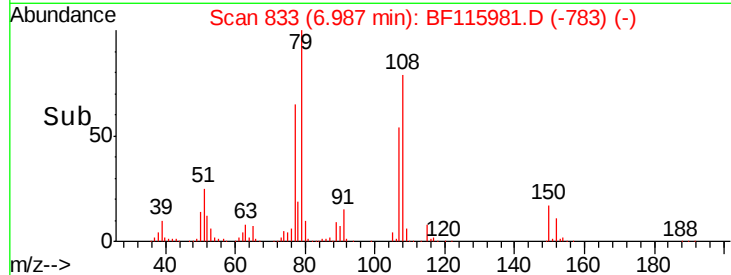
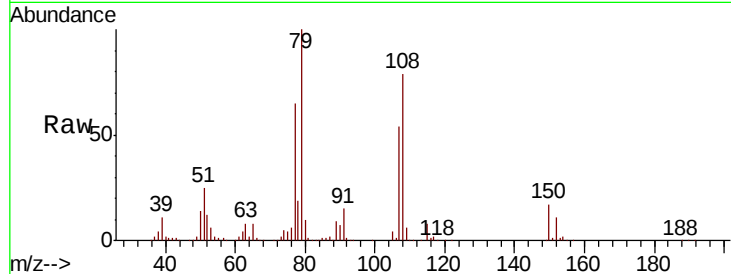
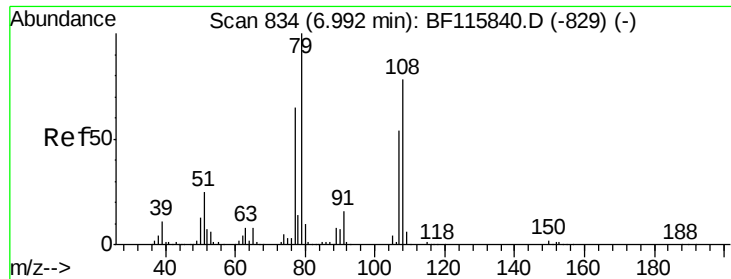
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#14
 1,2-Dichlorobenzene
 Concen: 42.347 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	42.9	33.6	50.4





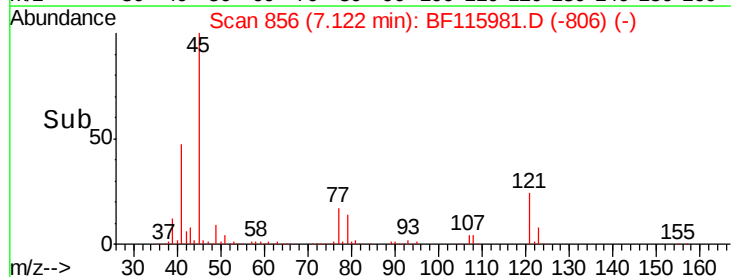
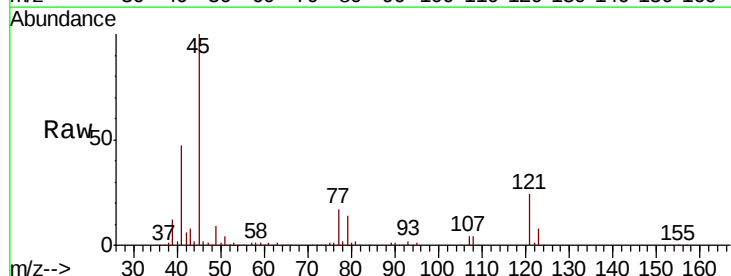
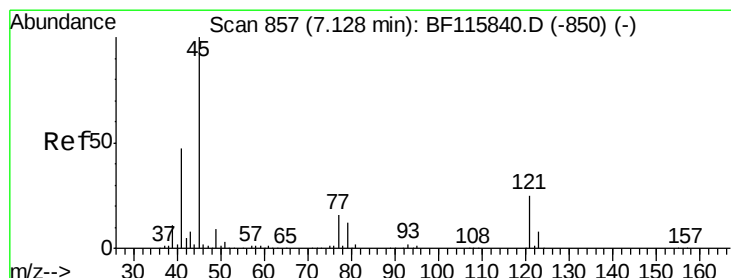
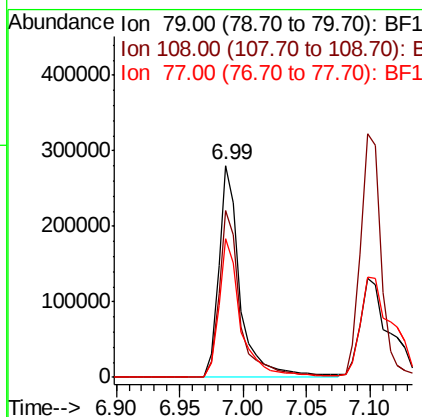
#15
Benzyl Alcohol
Concen: 43.624 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.9	62.8	94.2	
77	65.3	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

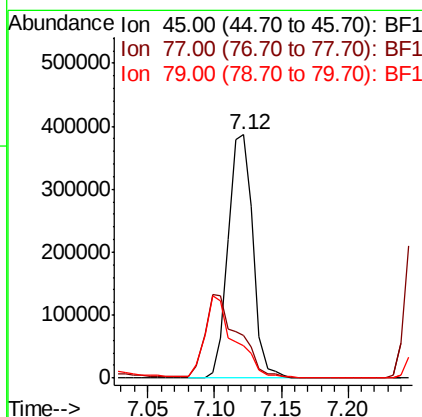
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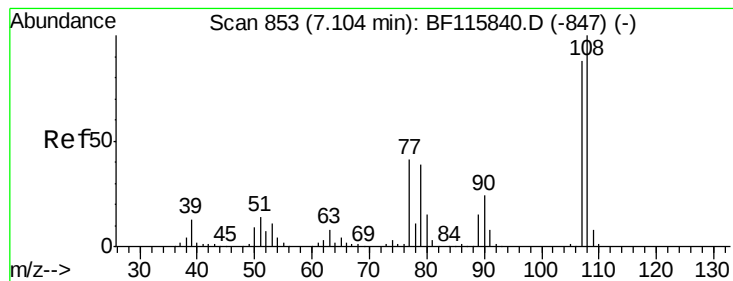
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.786 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.3	0.0	36.3	
79	13.6	0.0	32.5	





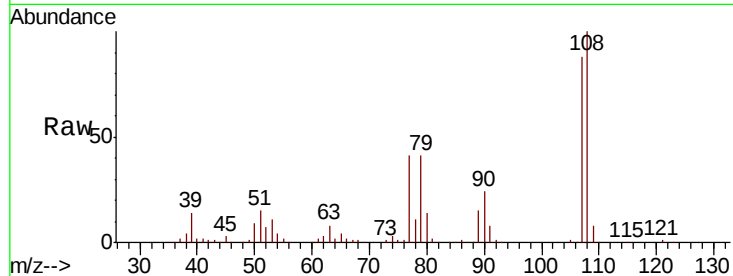
#17
2-Methylphenol
Concen: 42.942 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

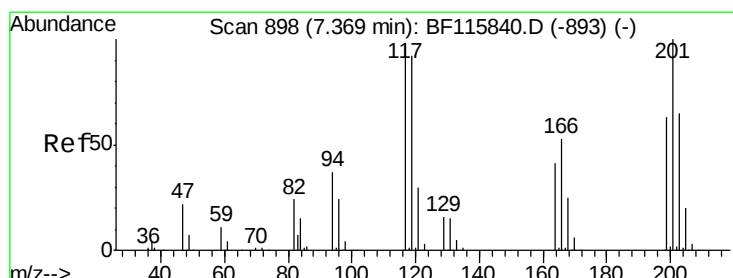
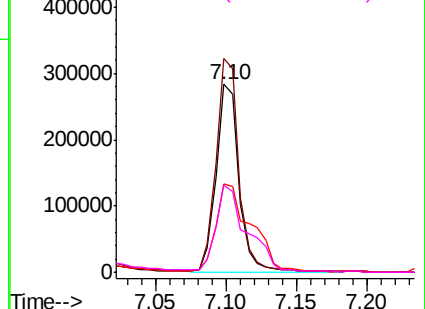
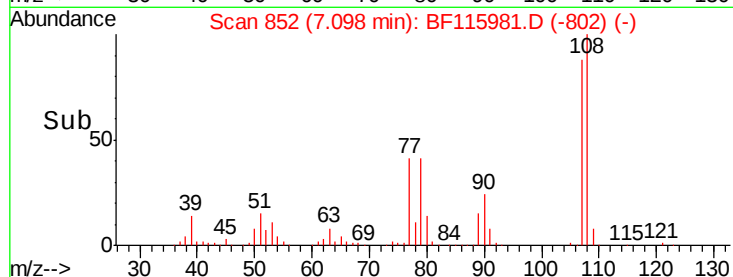
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.4	137.0	
77	47.1	37.6	56.4	
79	46.2	36.2	54.4	

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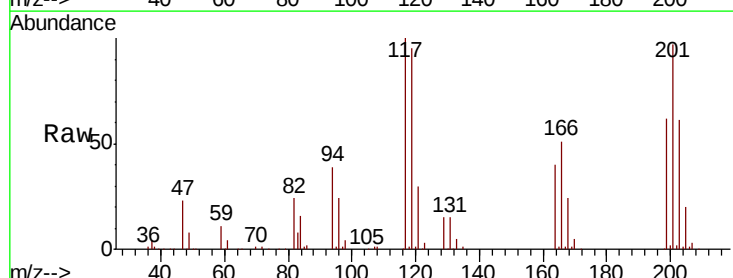


Abundance Ion 107.00 (106.70 to 107.70): E
500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

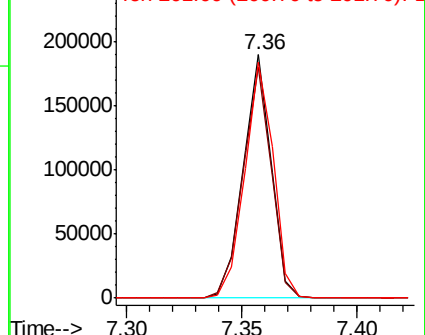
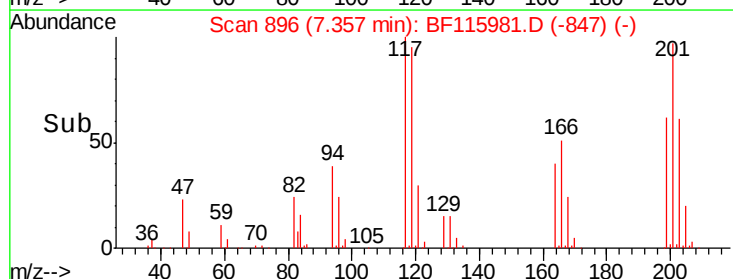


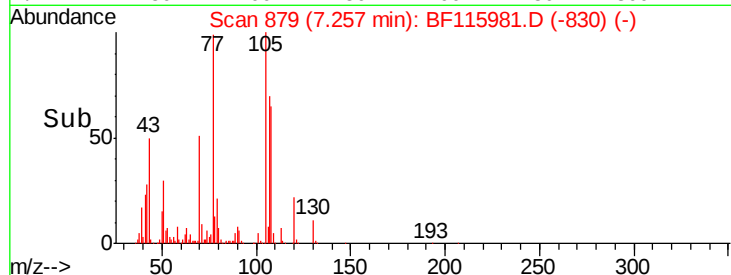
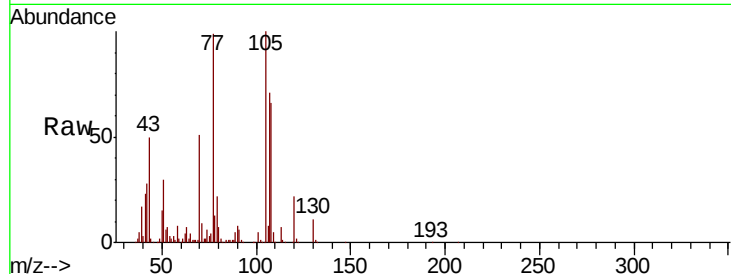
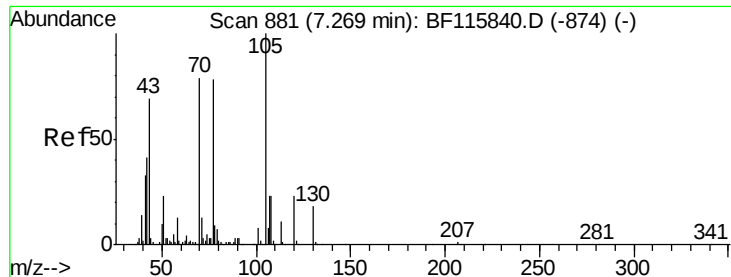
#18
Hexachloroethane
Concen: 42.849 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.8	113.6	
201	96.9	82.0	123.0	



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





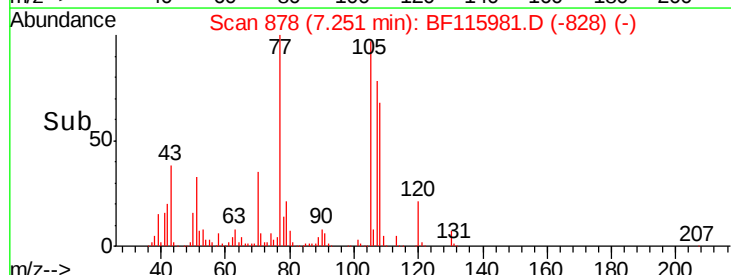
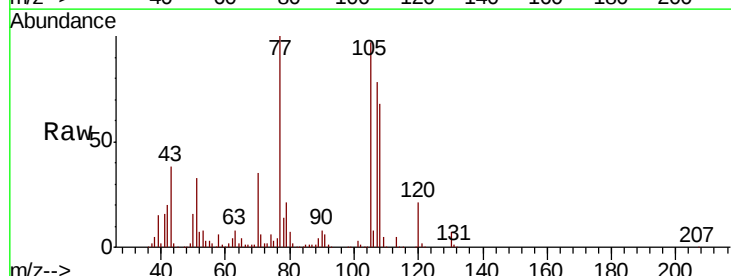
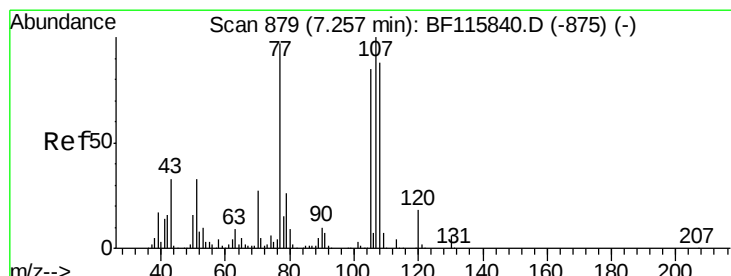
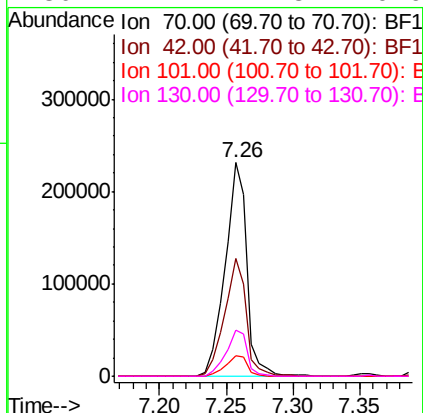
#19
n-Nitroso-di-n-propylamine
Concen: 42.913 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	41.8	62.8
101	9.4	7.7	11.5
130	21.4	17.8	26.6

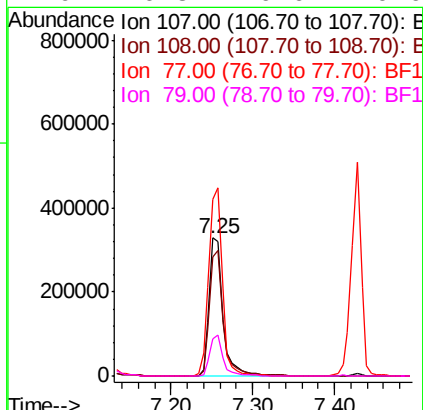
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#20
3+4-Methylphenols
Concen: 43.211 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.9	107.9
77	128.1	77.3	117.3#
79	26.8	6.6	46.6





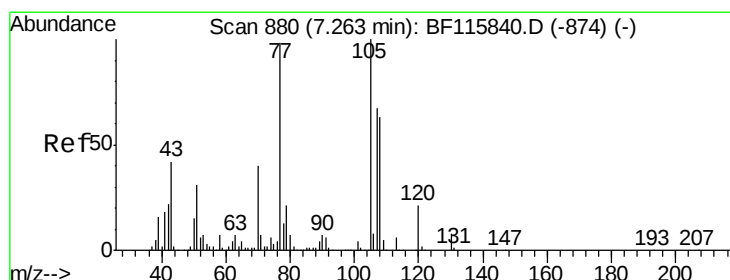
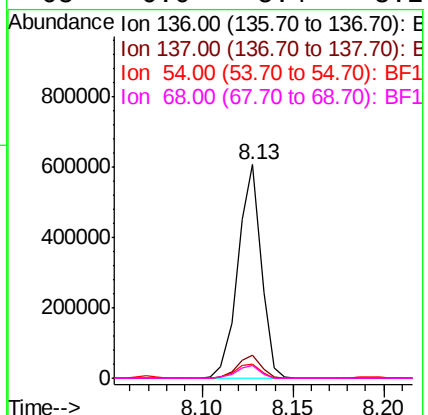
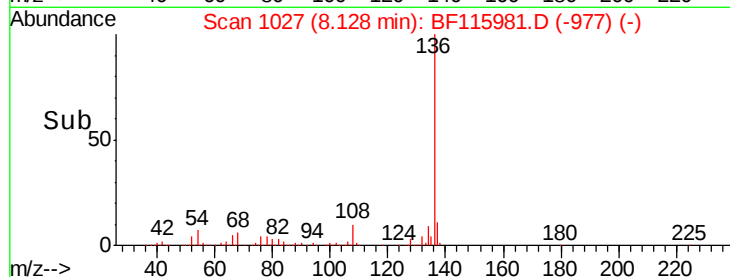
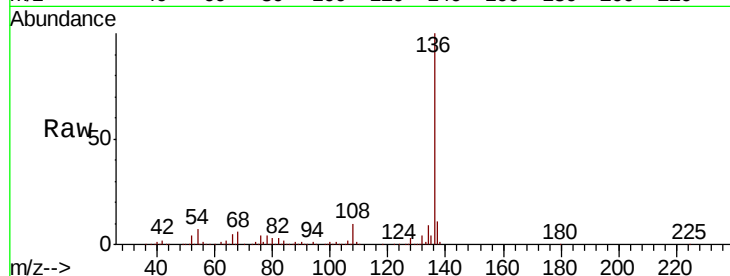
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	539762		
137	11.0		9.1	13.7
54	6.8		6.1	9.1
68	6.0		5.4	8.2

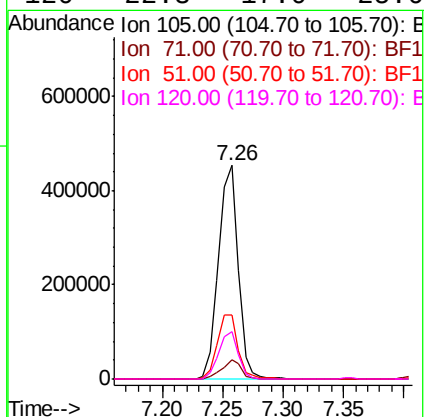
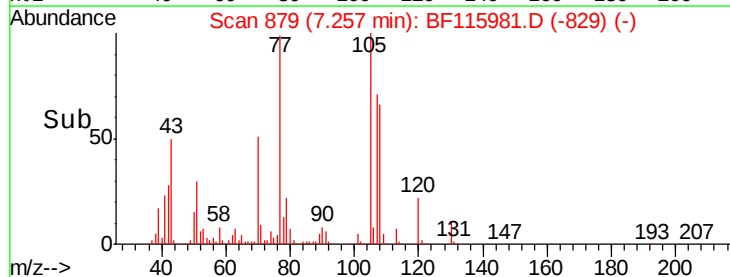
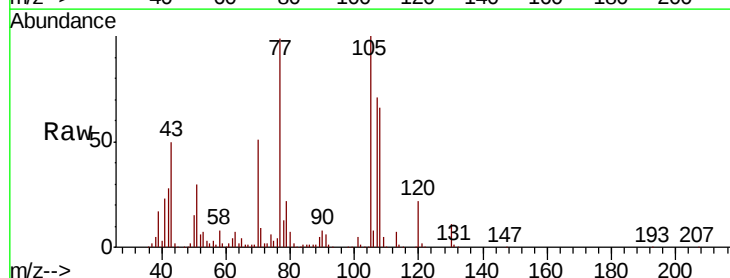
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#22
Acetophenone
Concen: 43.019 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	509249		
71	9.0		5.4	8.0#
51	30.2		24.6	36.8
120	22.3		17.0	25.6





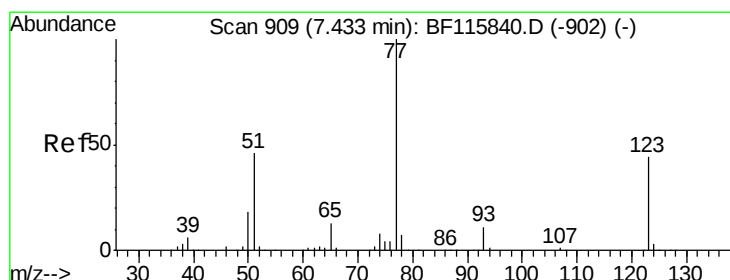
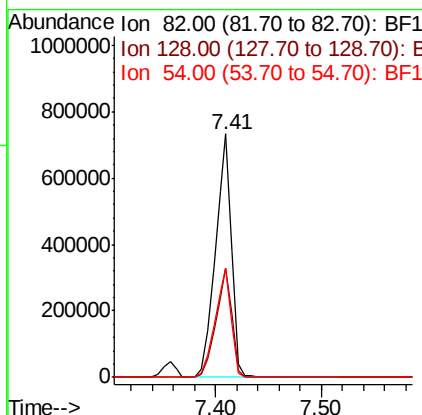
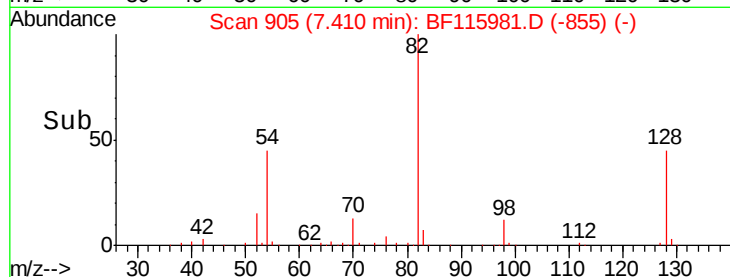
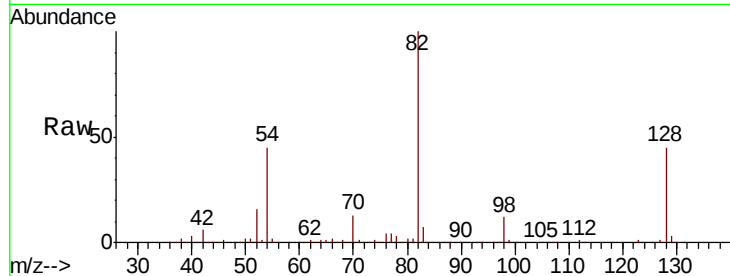
#23
 Nitrobenzene-d5
 Concen: 84.114 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	786538		
128	45.1		36.6	55.0
54	44.9		36.6	55.0

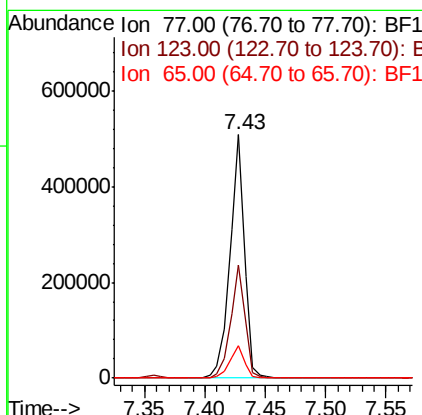
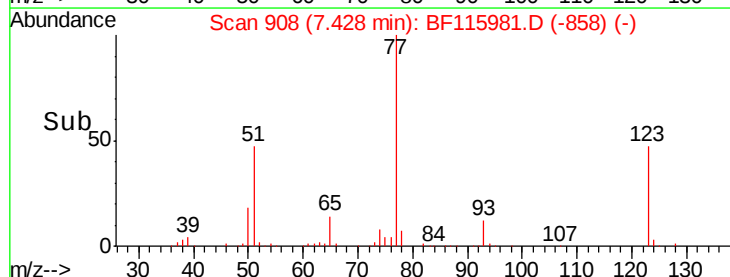
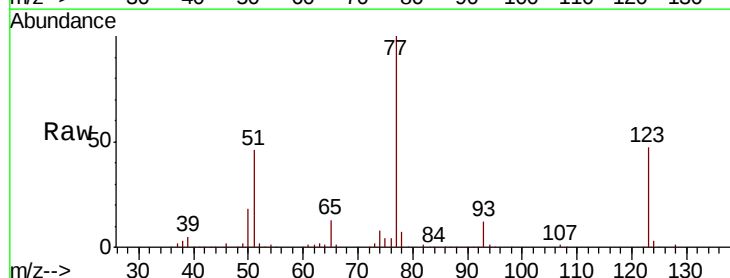
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#24
 Nitrobenzene
 Concen: 41.962 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	423682		
123	46.5		35.5	53.3
65	13.4		10.6	15.8





#25

Isophorone

Concen: 42.644 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

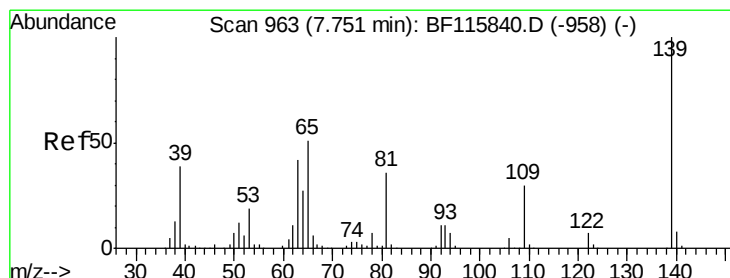
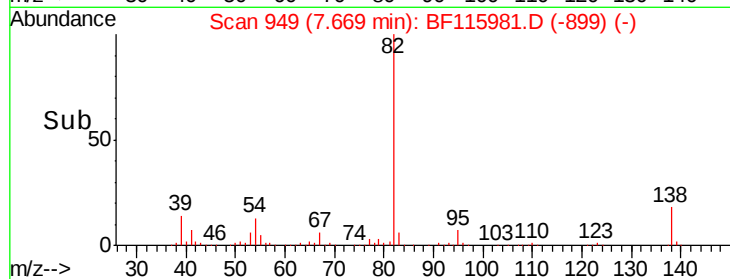
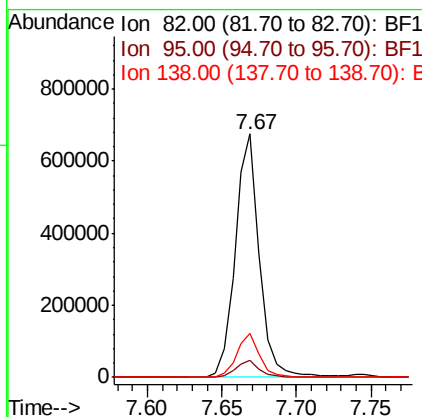
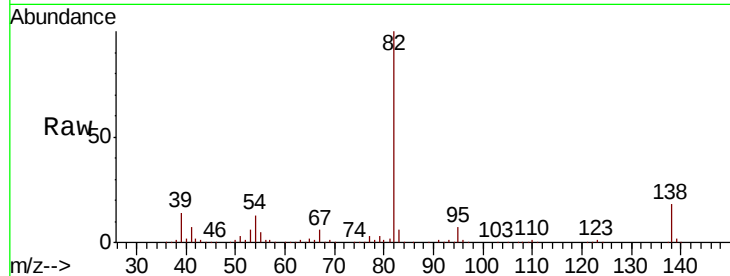
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	762482
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	18.0	13.9	20.9

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#26

2-Nitrophenol

Concen: 43.964 ng

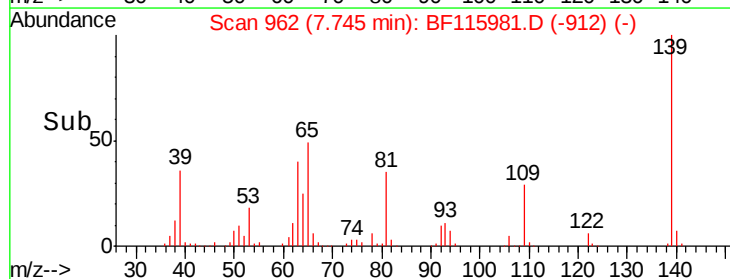
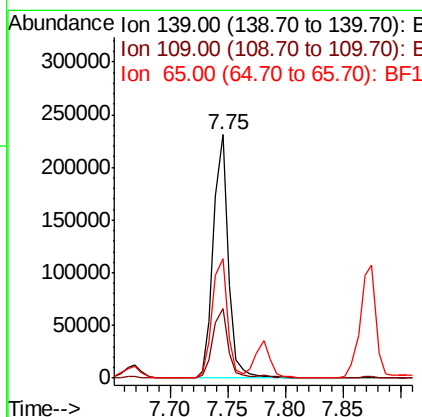
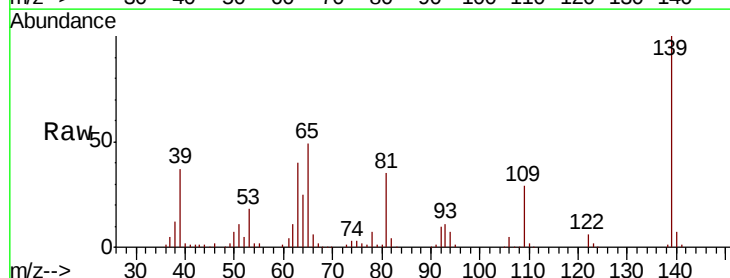
RT: 7.75 min Scan# 962

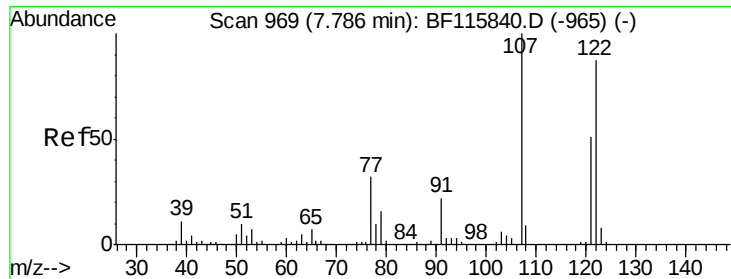
Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:	139	Resp:	209245
Ion Ratio	Lower	Upper	
139	100		
109	28.7	23.6	35.4
65	49.0	40.6	60.8





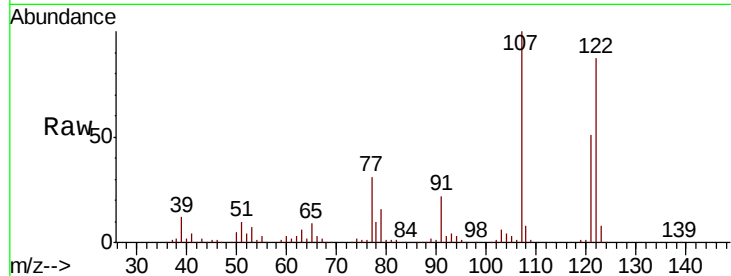
#27
2,4-Dimethylphenol
Concen: 41.960 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		300453		
107	115.5	91.7	137.5		
121	58.4	46.6	70.0		

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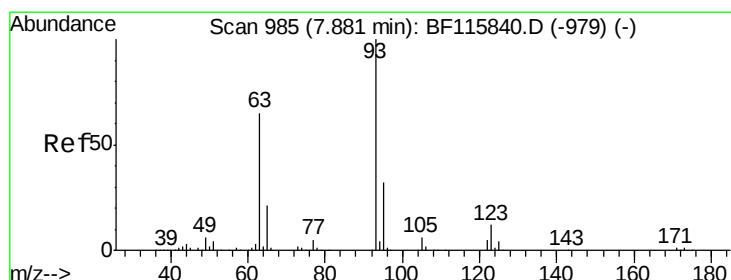
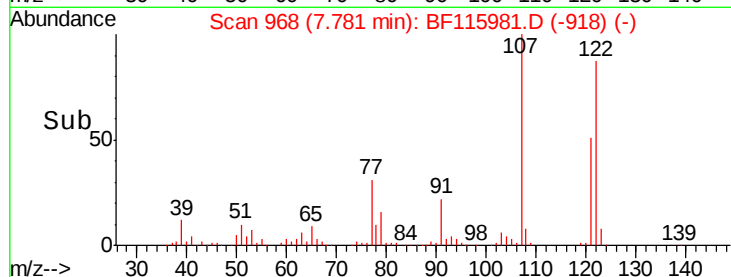
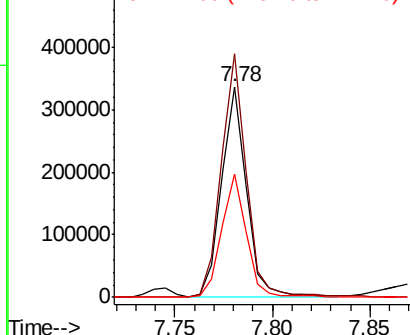


Abundance

Ion 122.00 (121.70 to 122.70): E

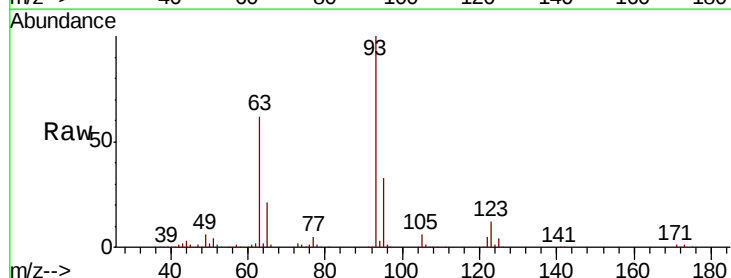
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.955 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		476046		
95	33.3	26.0	39.0		
123	12.2	9.5	14.3		

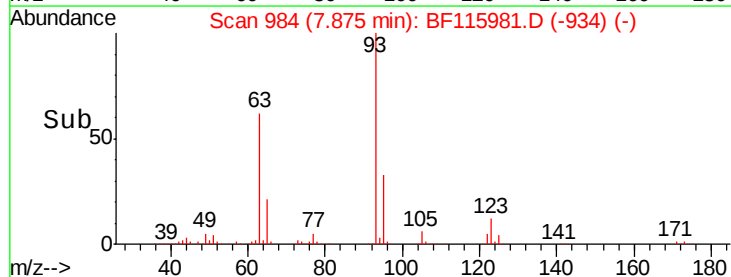
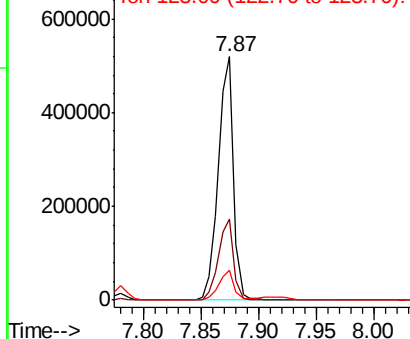


Abundance

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





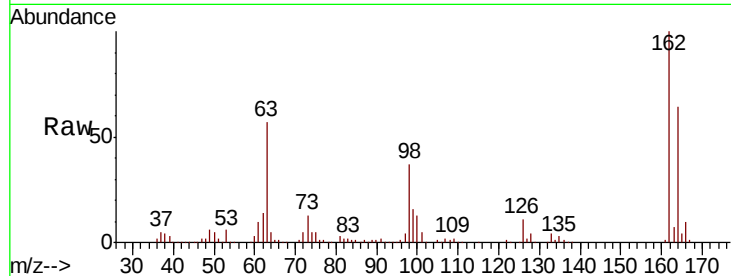
#29
2,4-Dichlorophenol
Concen: 43.227 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	326821		
164	64.2	43.2	83.2	
98	37.3	17.3	57.3	

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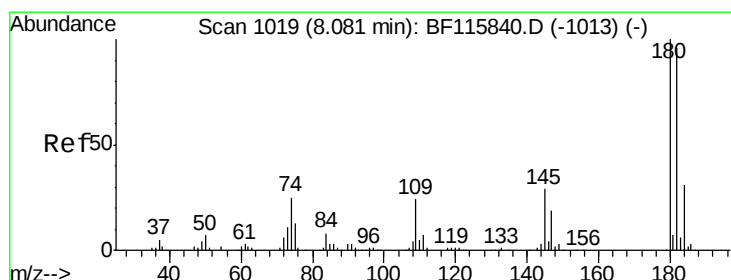
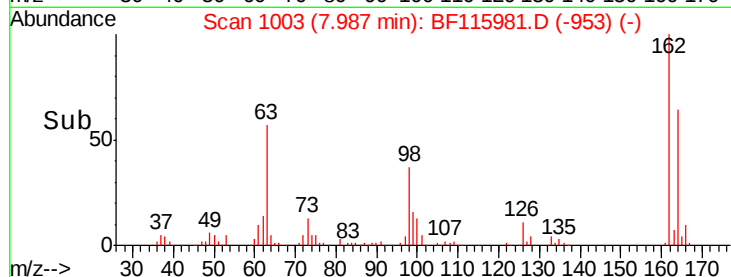
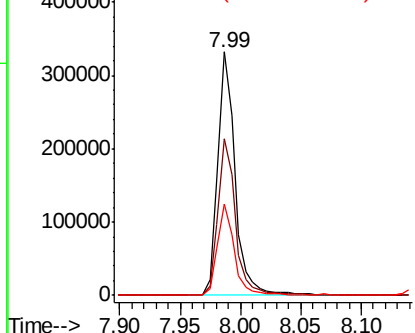


Abundance

Ion 162.00 (161.70 to 162.70): E

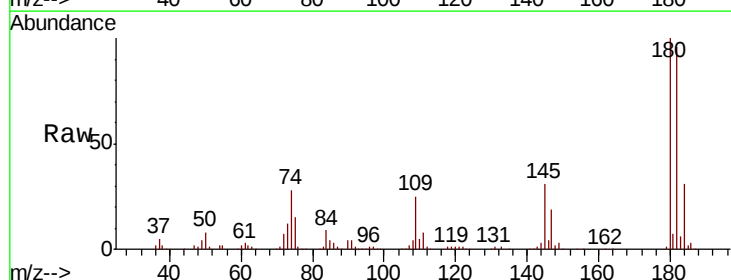
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.127 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	363065		
182	96.3	76.6	114.8	
145	30.5	23.2	34.8	

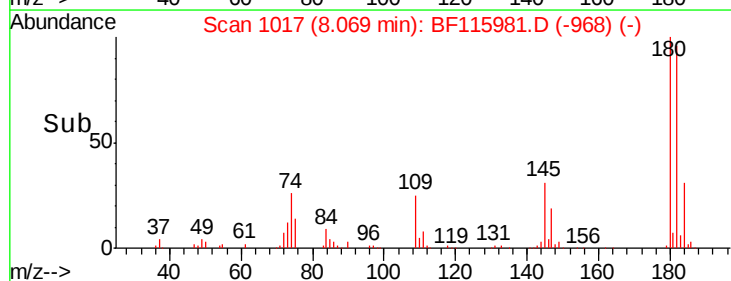
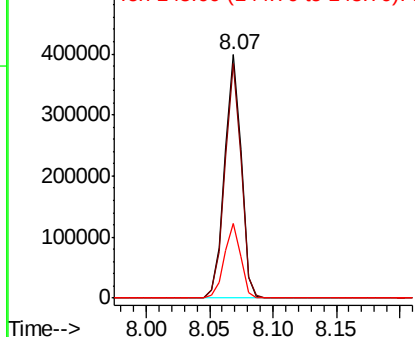


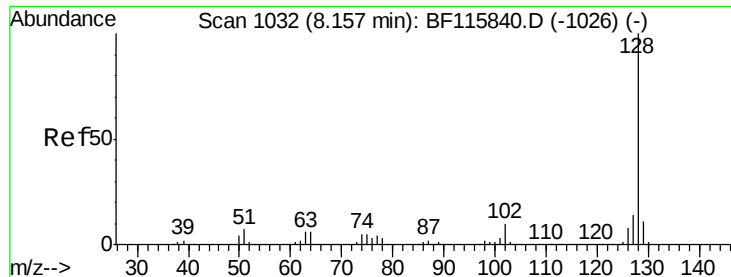
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.309 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:128 Resp: 1100048

Ion Ratio Lower Upper

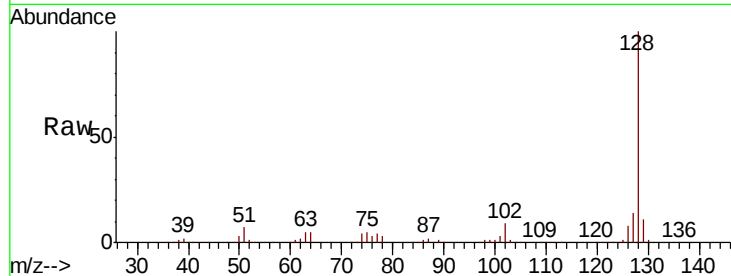
128 100

129 11.4 9.2 13.8

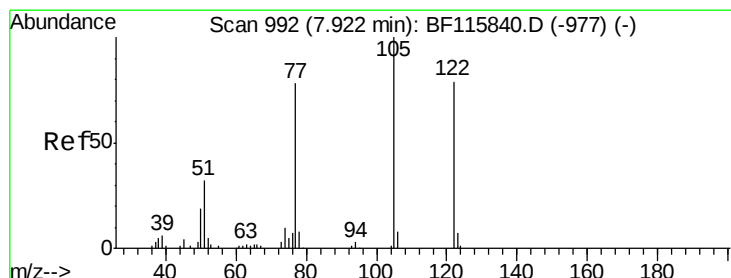
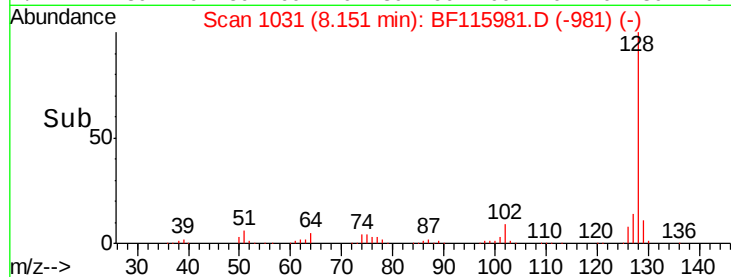
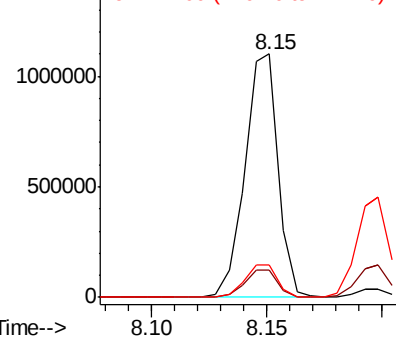
127 13.6 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.934 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

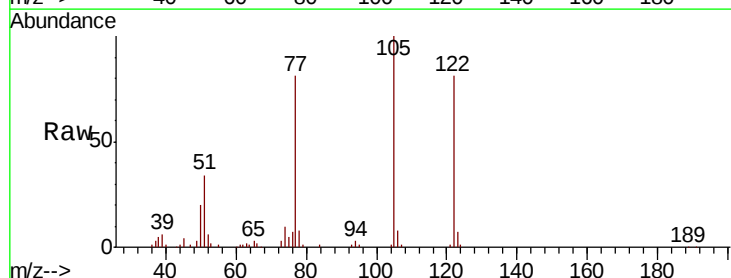
Tgt Ion:122 Resp: 221796

Ion Ratio Lower Upper

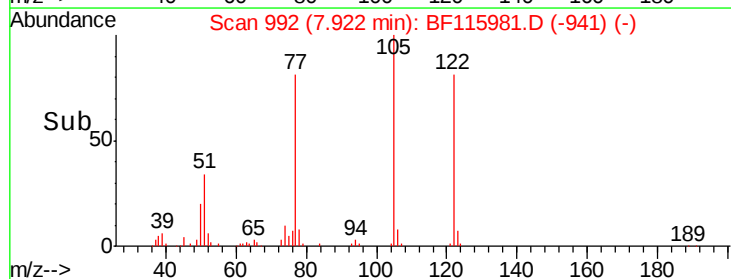
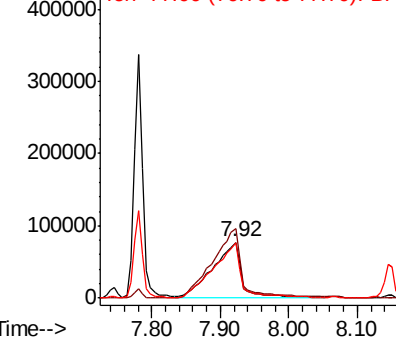
122 100

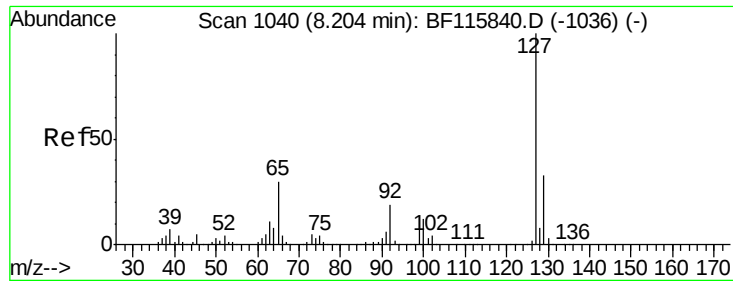
105 123.4 103.1 143.1

77 100.1 76.8 116.8



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





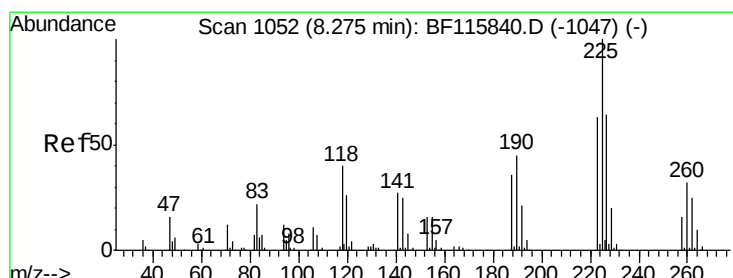
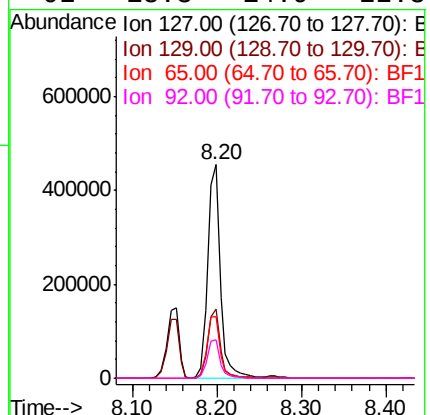
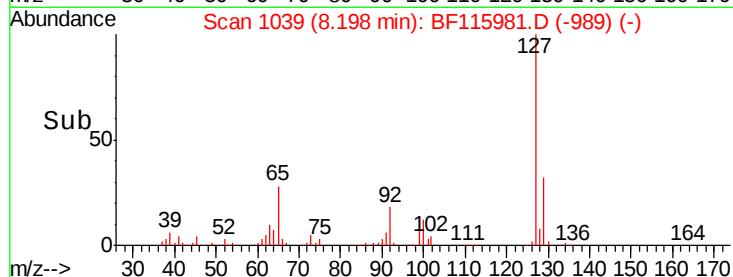
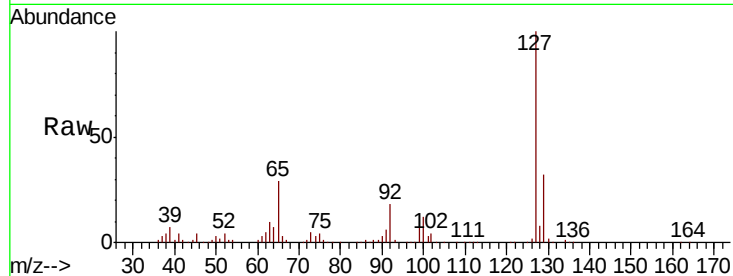
#33
4-Chloroaniline
Concen: 42.105 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.0	39.0		
65	28.5	23.9	35.9		
92	18.3	14.9	22.3		

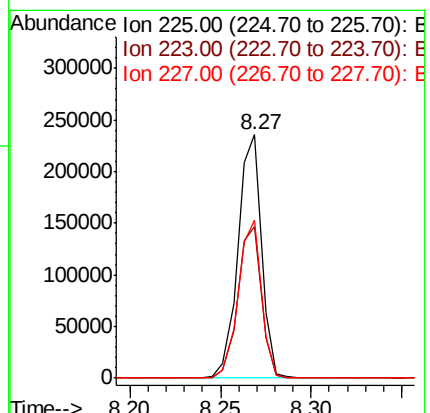
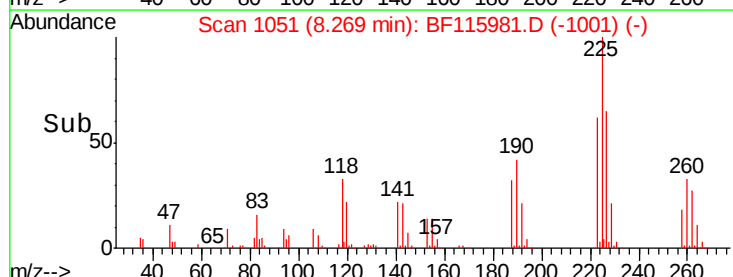
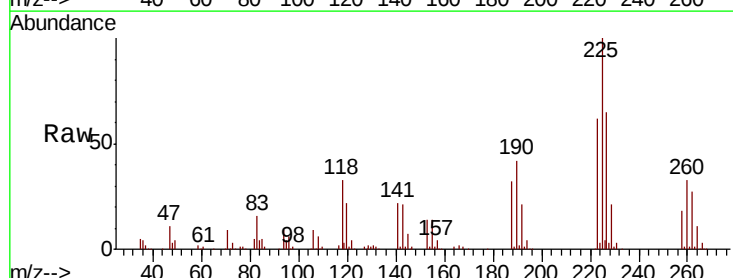
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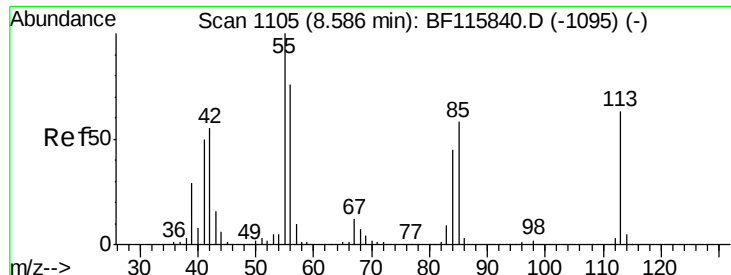
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#34
Hexachlorobutadiene
Concen: 42.755 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.4	75.6		
227	64.7	51.6	77.4		





#35

Caprolactam

Concen: 41.590 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

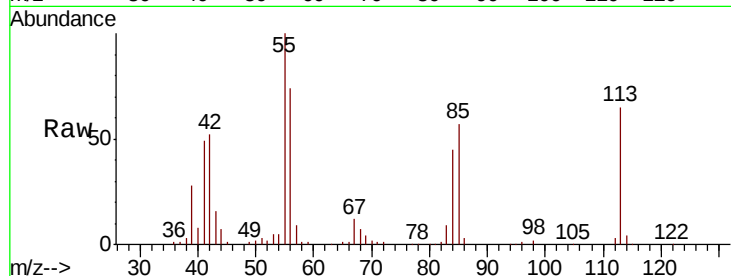
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.3	138.1	178.1
56	113.7	100.6	140.6

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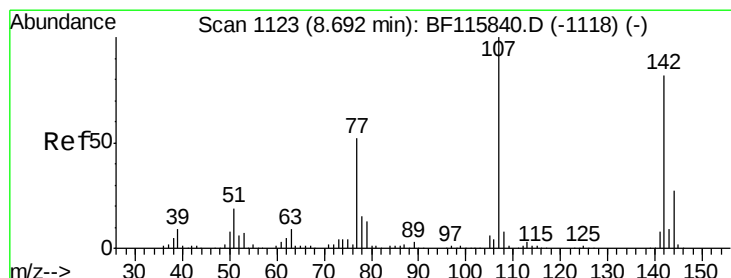
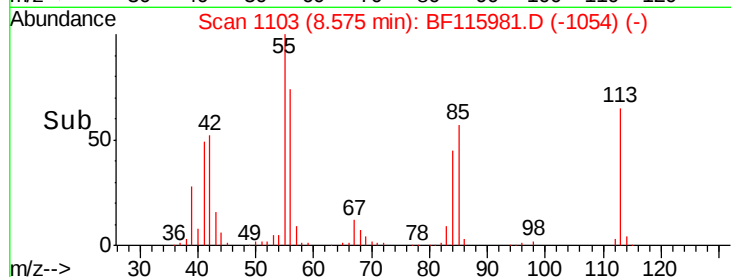
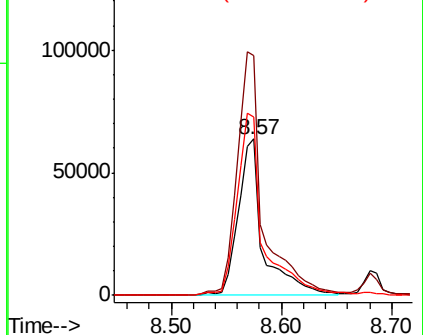
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.583 ng

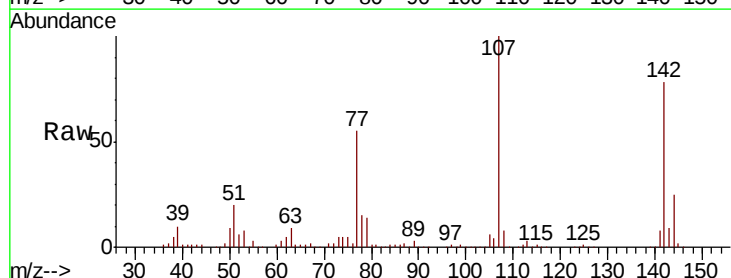
RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

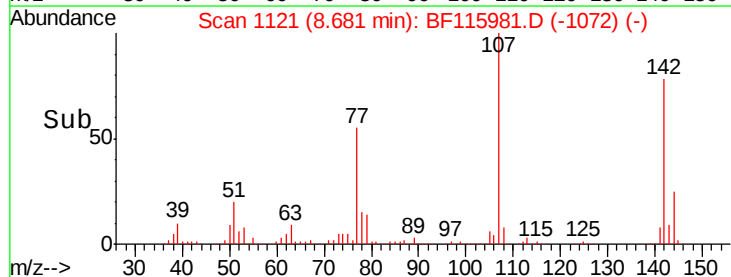
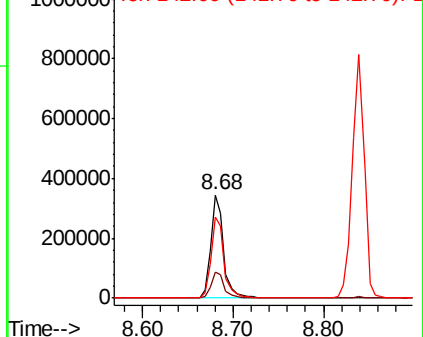
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	21.4	32.0
142	78.4	65.5	98.3

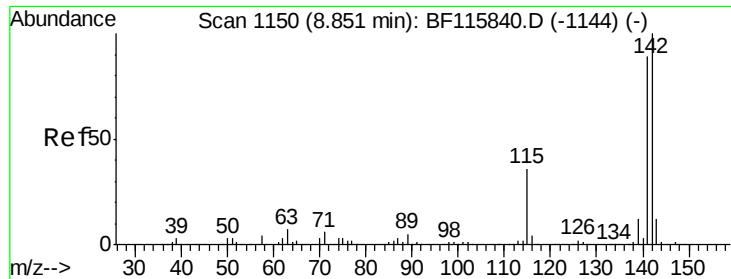


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





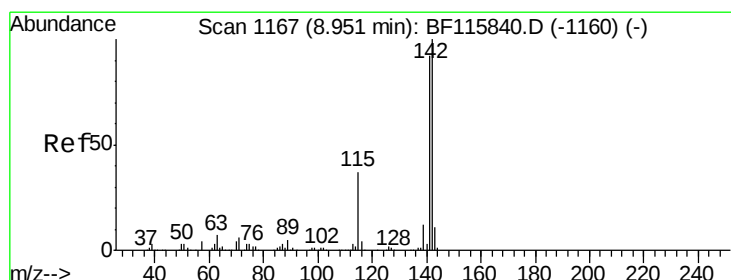
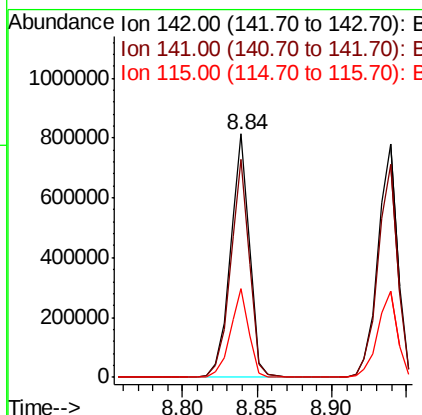
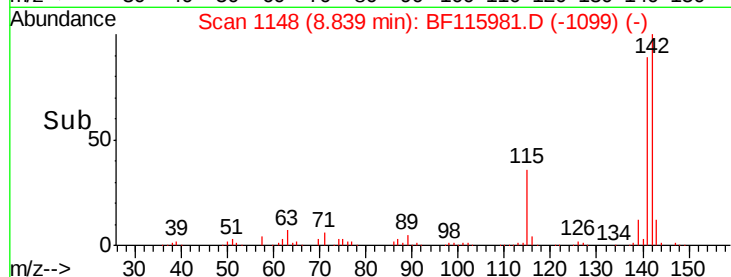
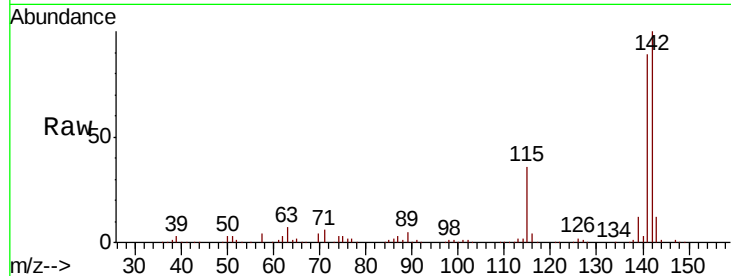
#37
2-Methylnaphthalene
Concen: 43.913 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	36.3	28.9	43.3

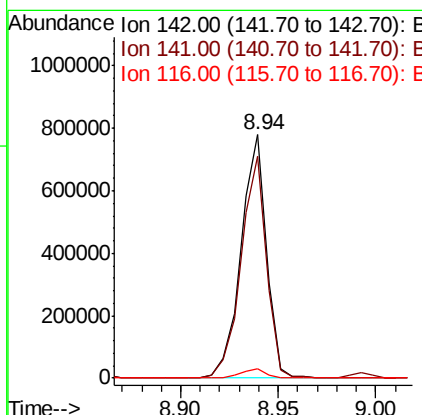
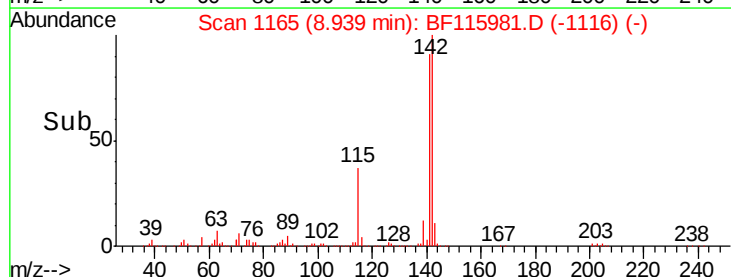
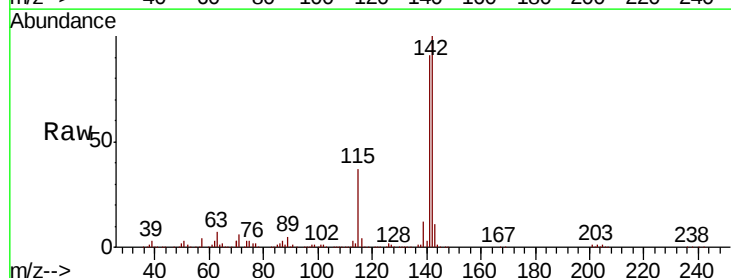
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#38
1-Methylnaphthalene
Concen: 44.292 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.8	110.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

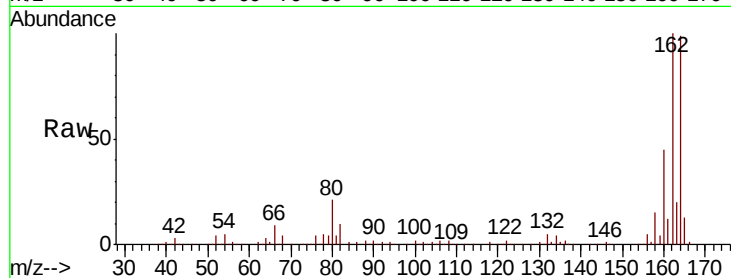
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	296117
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.8	121.2
160	45.3	36.2	54.4

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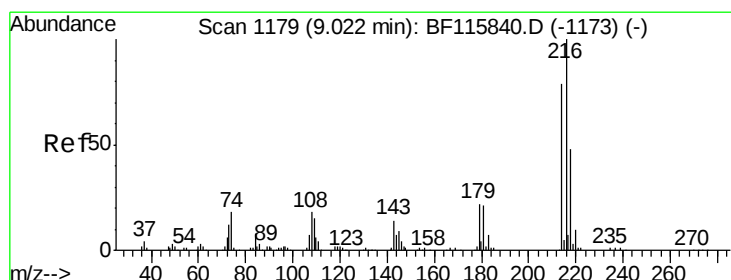
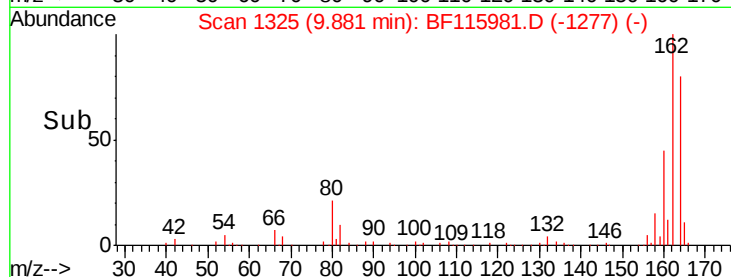
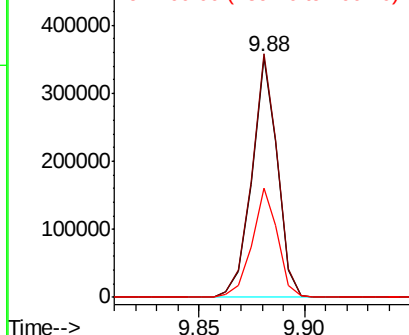


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.576 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:	216	Resp:	337050
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.8	94.2
179	22.5	17.6	26.4
108	20.1	16.1	24.1

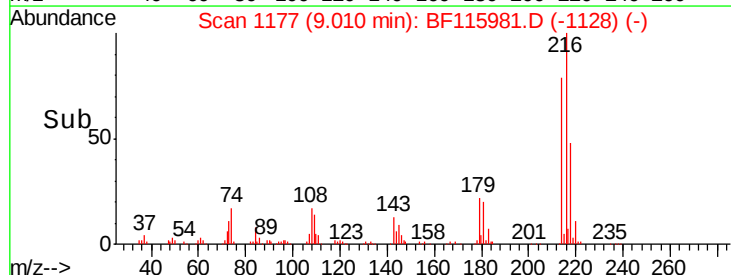
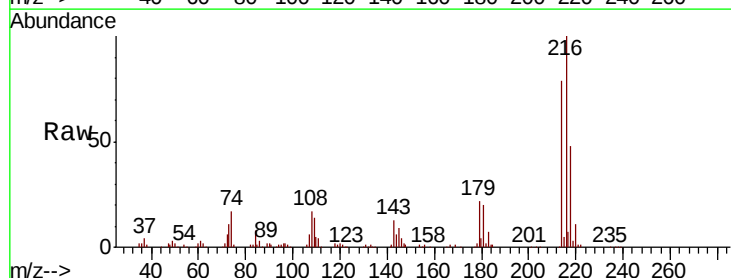
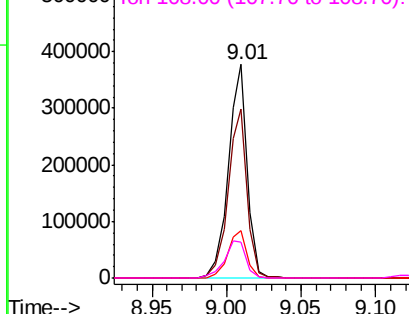
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.242 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

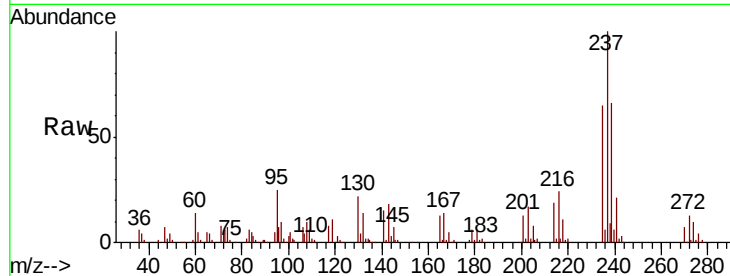
ClientSampleId :

SSTDCCC040

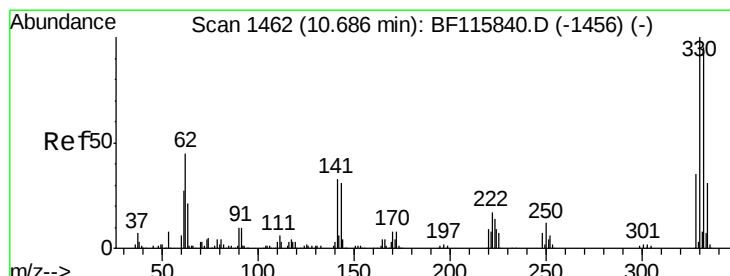
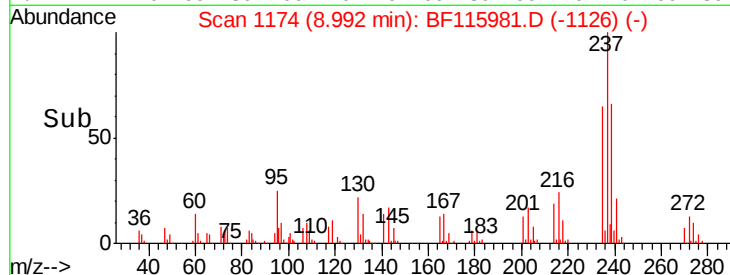
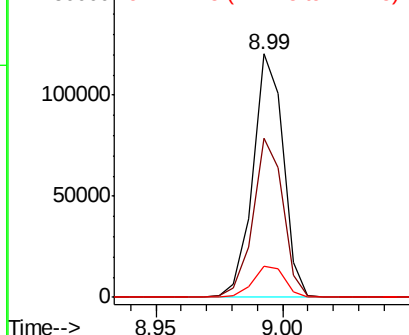
Tot Ion:	237	Resp:	101017
Ion Ratio	Lower	Upper	
237	100		
235	65.2	42.5	82.5
272	13.0	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 85.849 ng

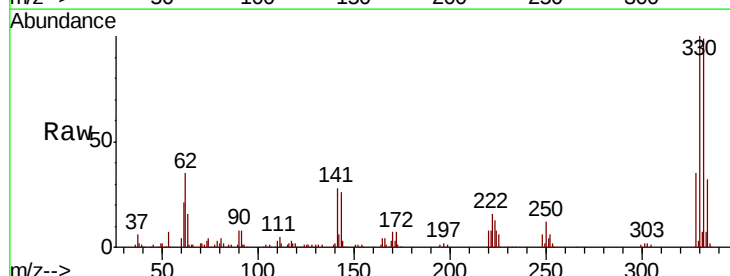
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

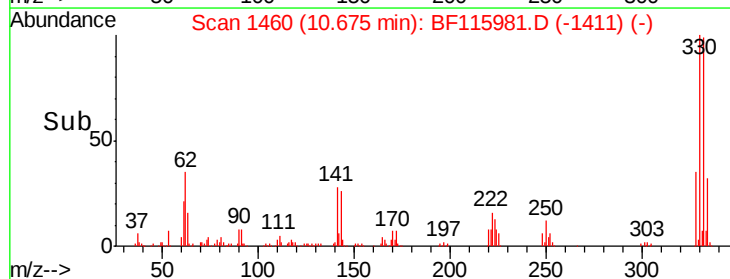
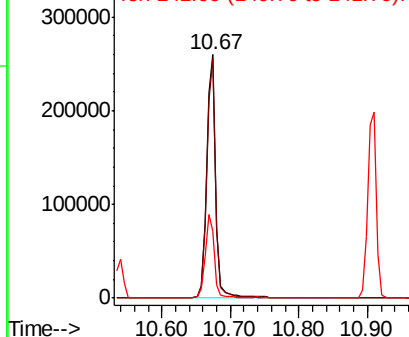
Lab File: BF115981.D

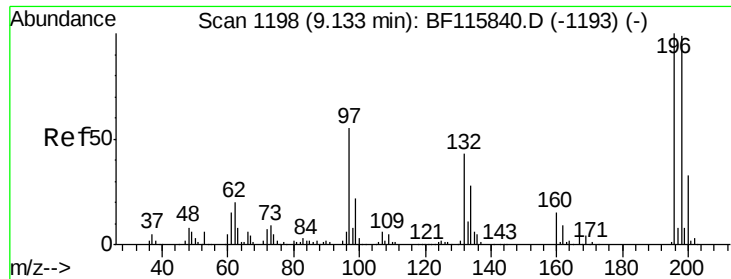
Acq: 5 Aug 2019 14:34

Tgt Ion:	330	Resp:	246468
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.7	116.5
141	34.5	28.1	42.1



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





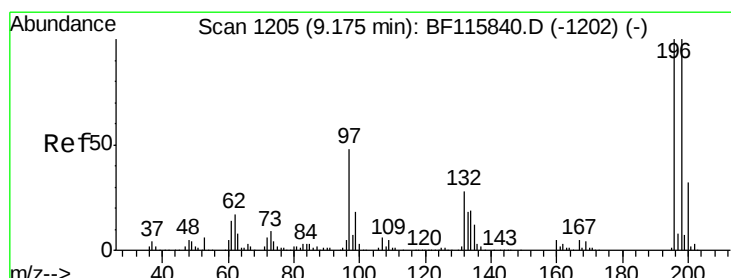
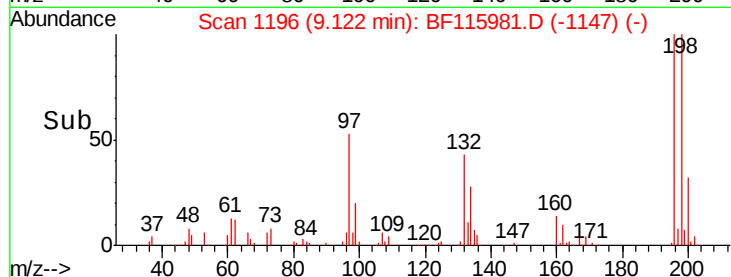
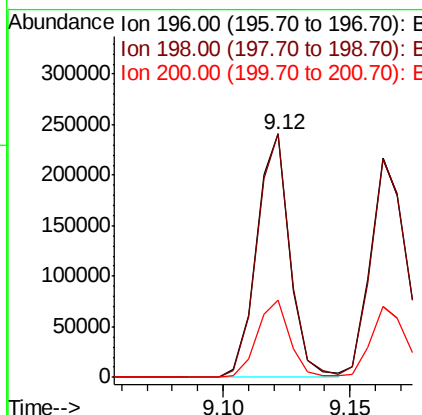
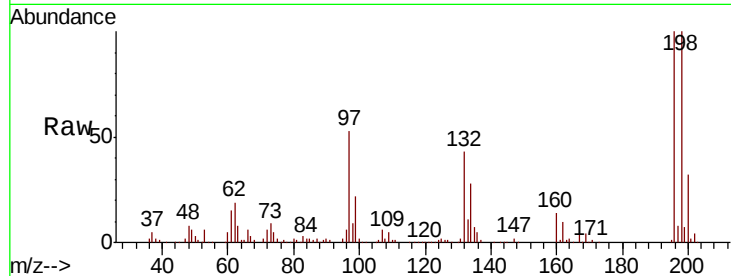
#43
 2,4,6-Trichlorophenol
 Concen: 40.383 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220046		
198	99.9	79.1	118.7	
200	31.6	26.0	39.0	

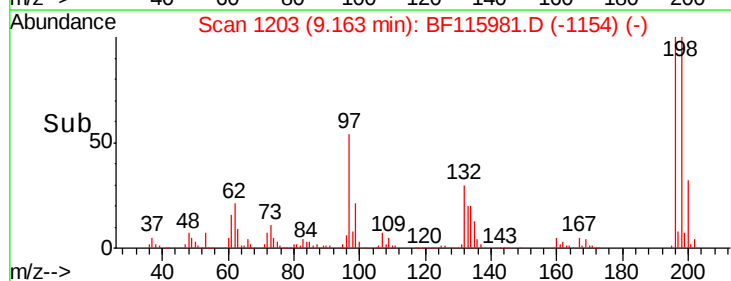
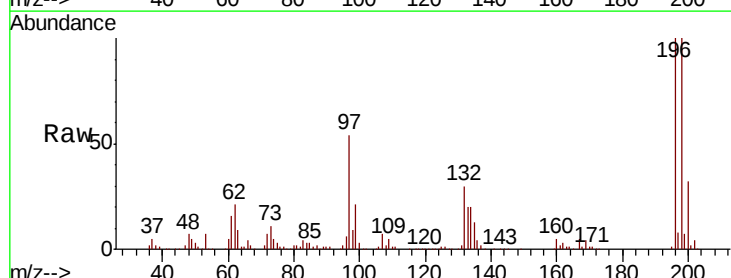
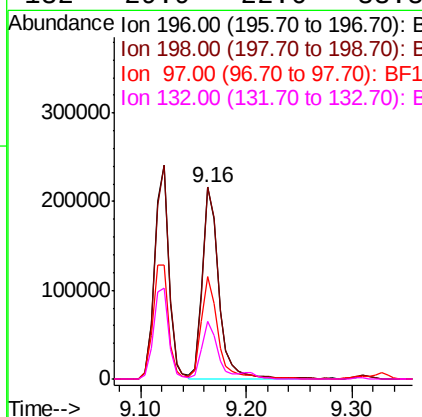
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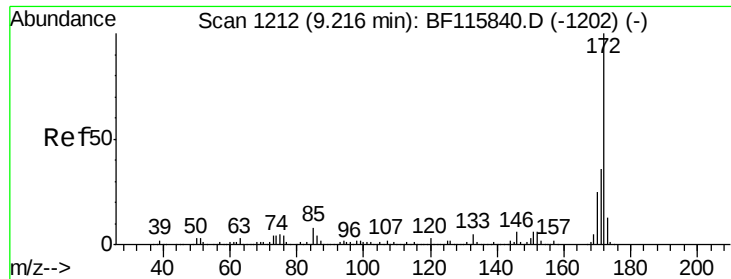
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.272 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232470		
198	99.9	80.1	120.1	
97	53.7	38.9	58.3	
132	29.9	22.6	33.8	





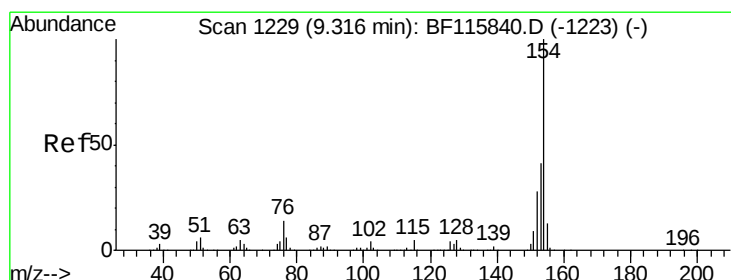
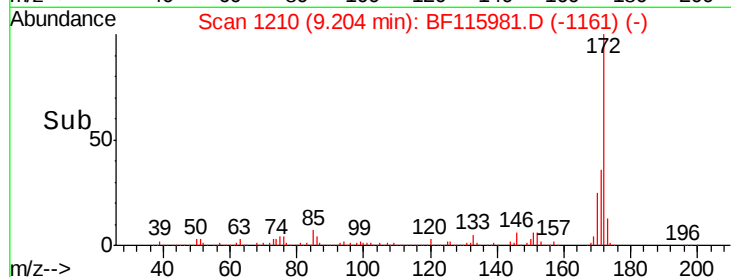
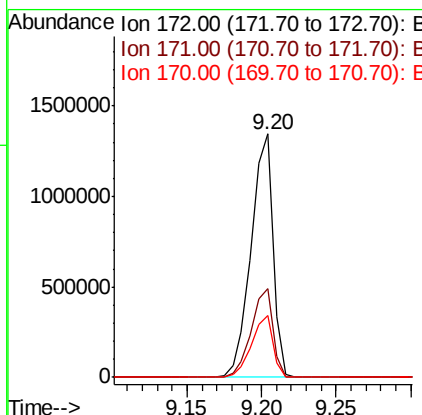
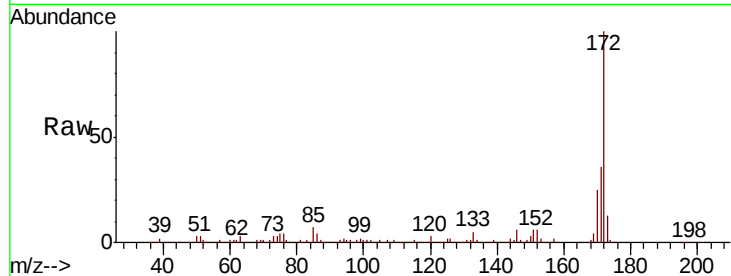
#45
2-Fluorobiphenyl
Concen: 86.164 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.2	20.1	30.1

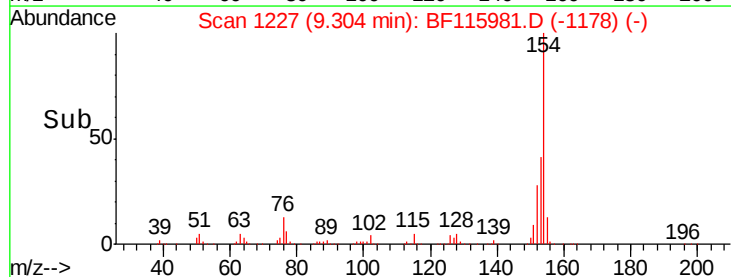
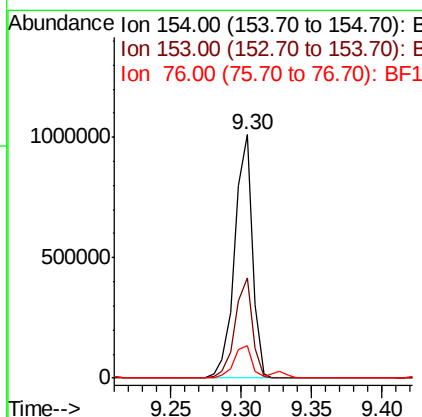
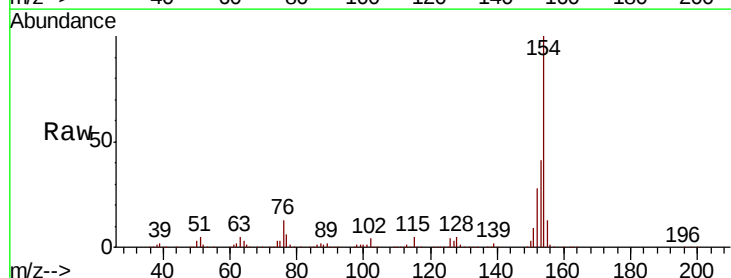
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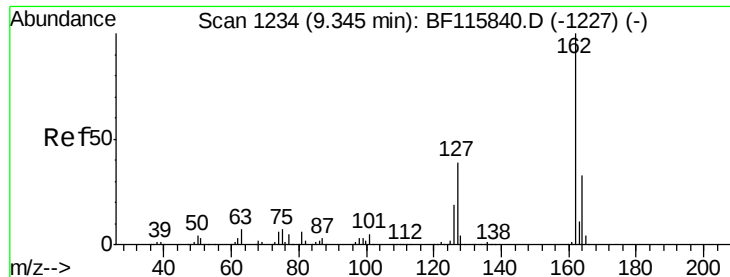
mohammad
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#46
1,1'-Biphenyl
Concen: 42.452 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	13.2	0.0	34.3





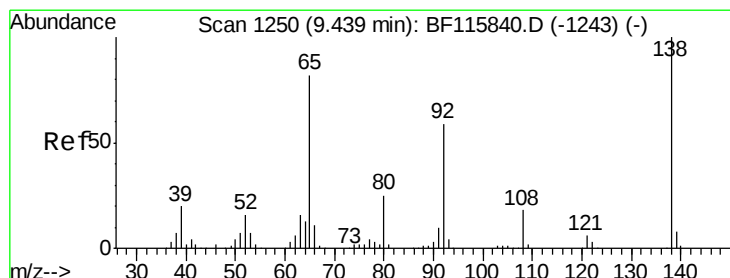
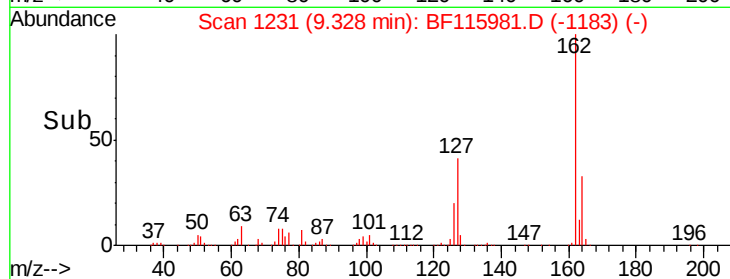
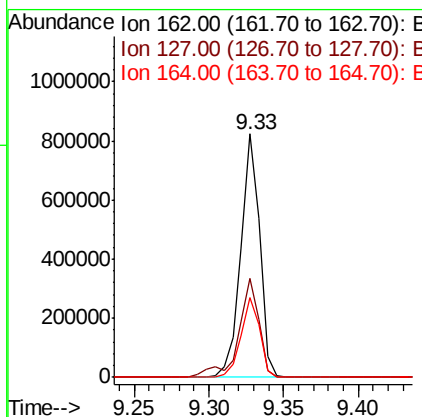
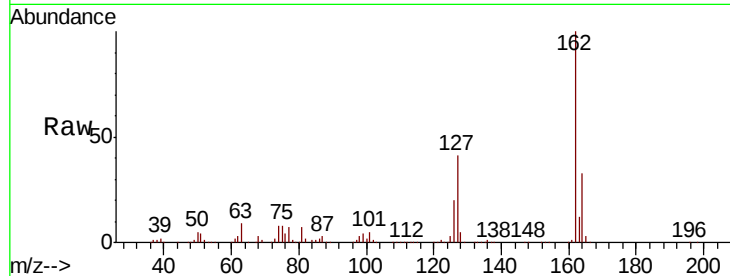
#47
 2-Chloronaphthalene
 Concen: 41.568 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.6	31.3	46.9		
164	33.0	26.6	40.0		

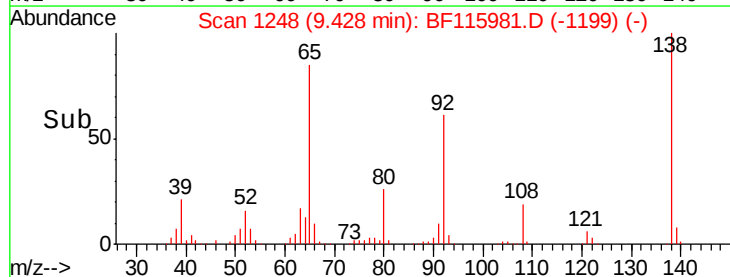
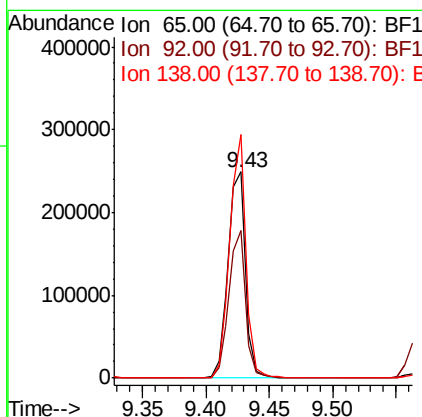
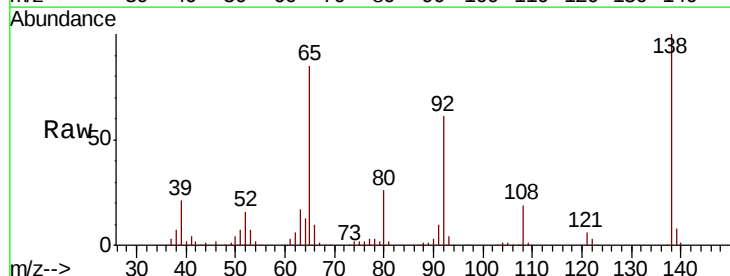
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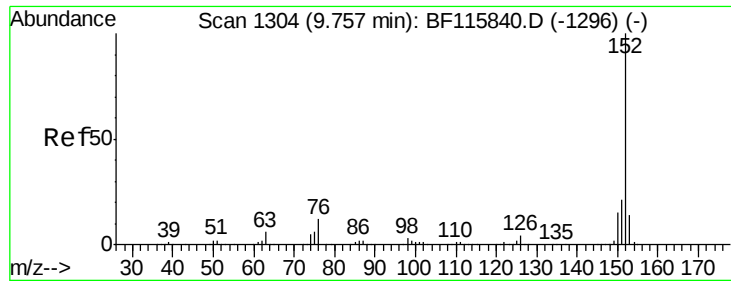
mohammad
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#48
 2-Nitroaniline
 Concen: 41.239 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.8	57.1	85.7		
138	118.0	97.1	145.7		





#49

Acenaphthylene

Concen: 43.352 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1100478

Ion Ratio Lower Upper

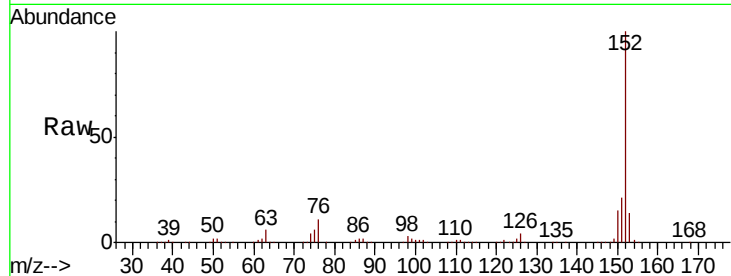
152 100

151 20.8 16.8 25.2

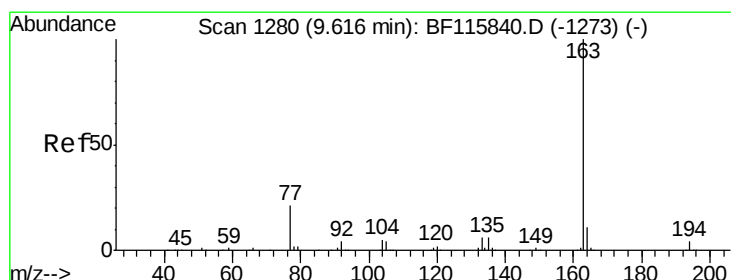
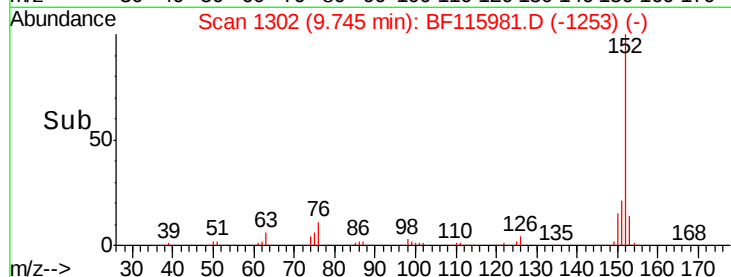
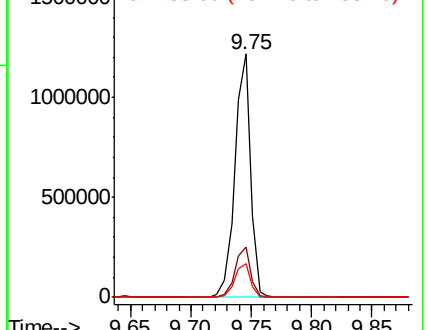
153 14.0 11.6 17.4

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



#50

Dimethylphthalate

Concen: 42.434 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

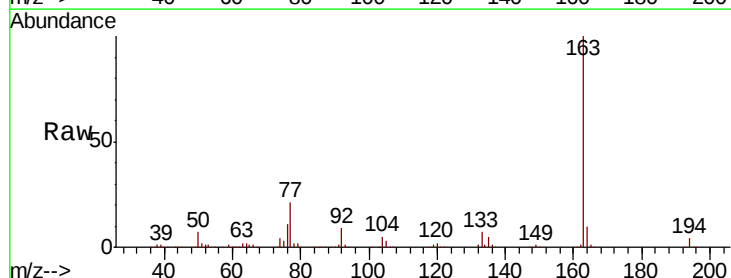
Tgt Ion:163 Resp: 855573

Ion Ratio Lower Upper

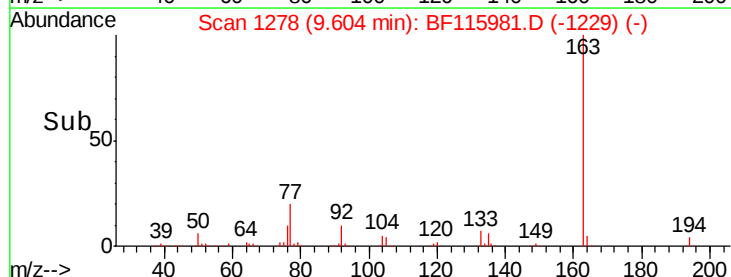
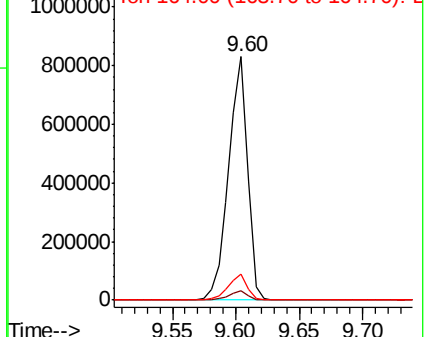
163 100

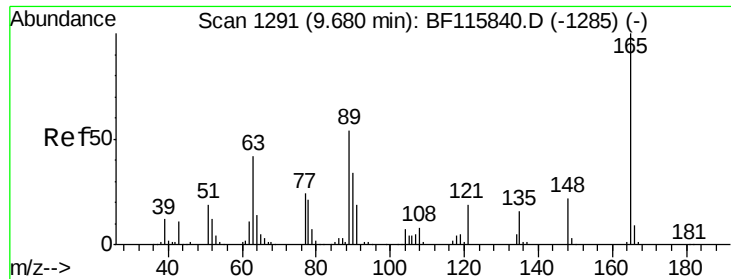
194 3.8 3.0 4.6

164 10.5 8.4 12.6



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





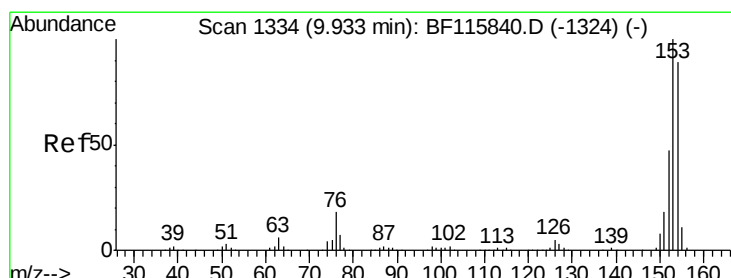
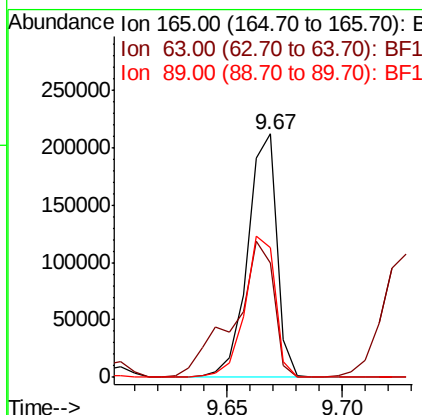
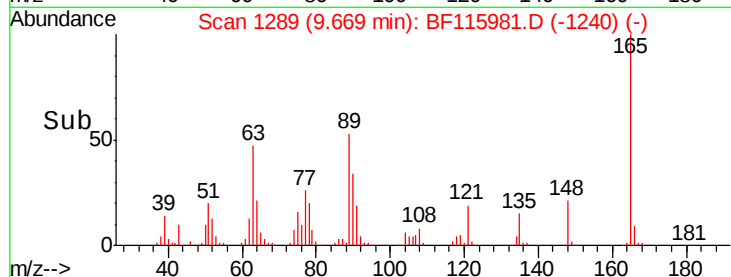
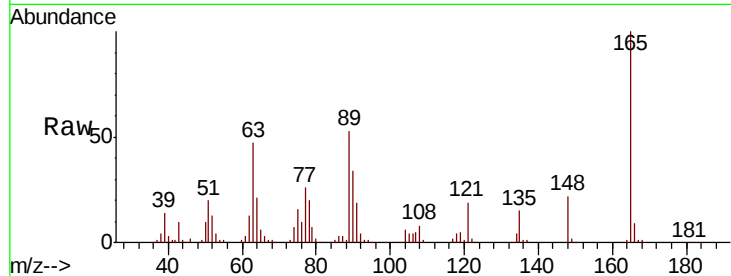
#51
 2,6-Dinitrotoluene
 Concen: 42.824 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	187639		
63	46.9		39.4	59.2
89	53.2		43.0	64.6

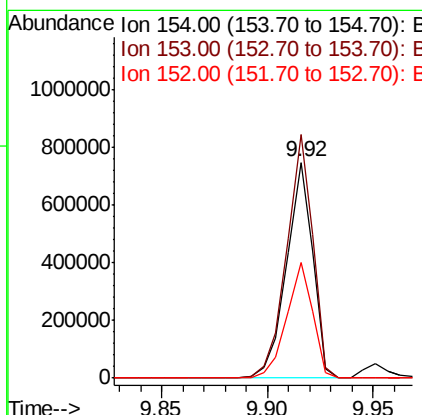
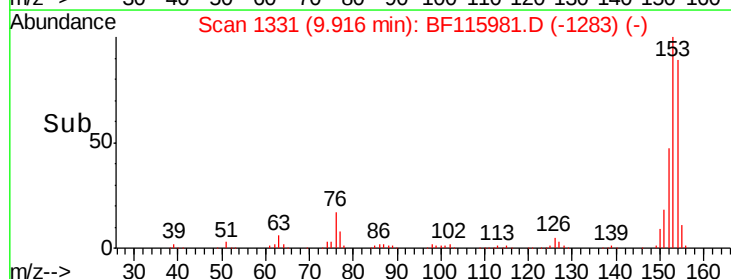
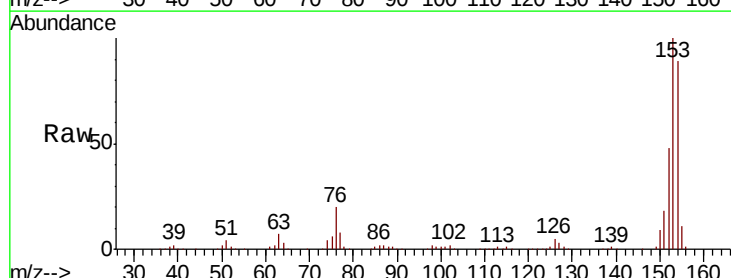
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#52
 Acenaphthene
 Concen: 41.930 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	652981		
153	112.9		90.1	135.1
152	53.6		42.6	63.8





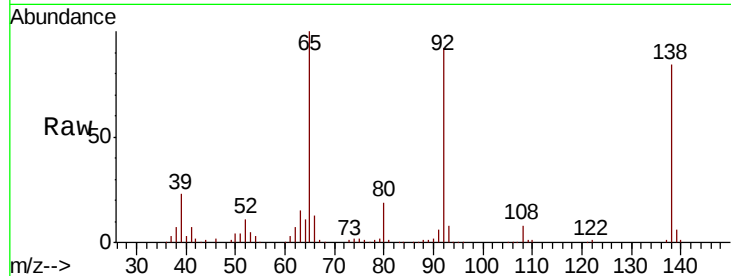
#53
3-Nitroaniline
Concen: 40.045 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	110.0	83.9	125.9

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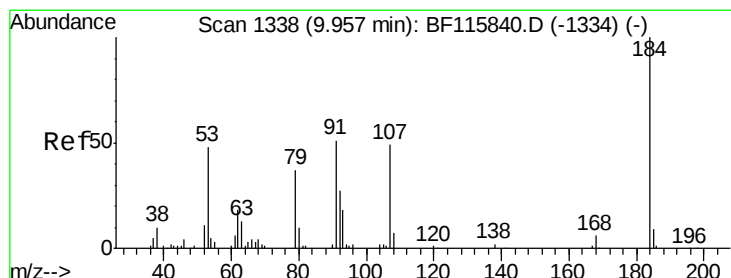
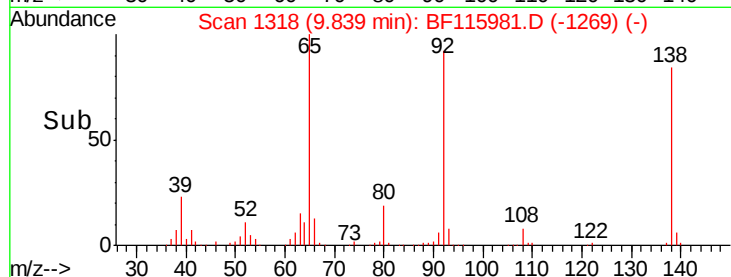
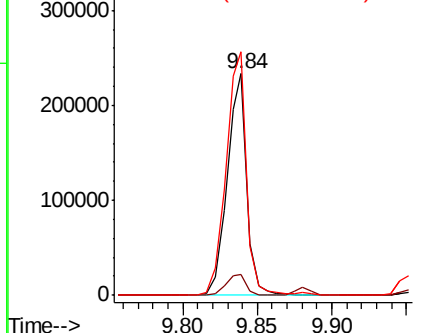


Abundance

Ion 138.00 (137.70 to 138.70): E

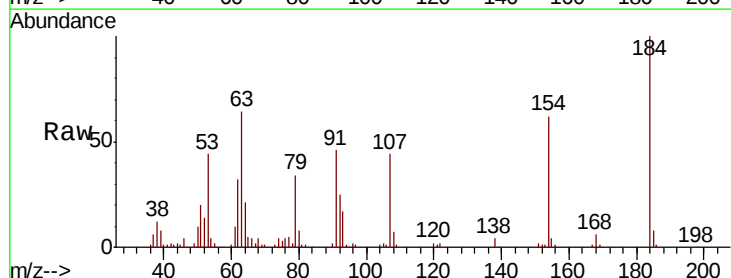
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 39.912 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	56.7	85.1
154	62.0	51.9	77.9

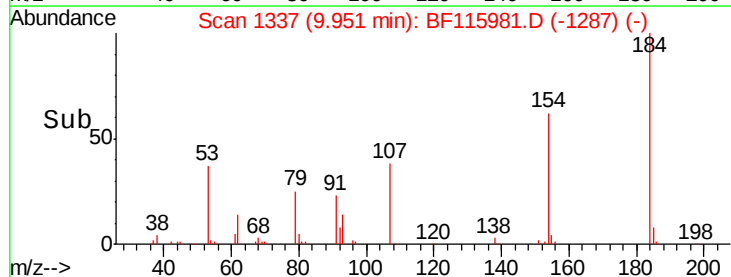
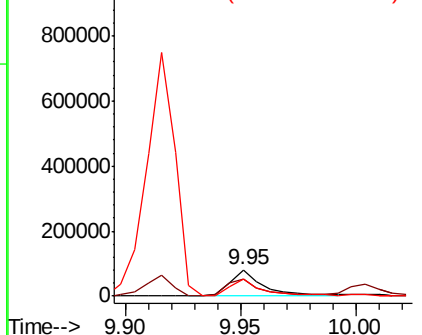


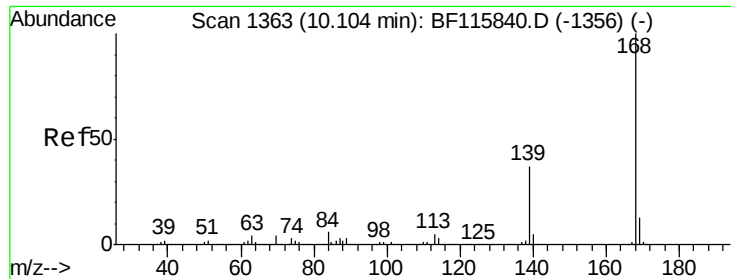
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





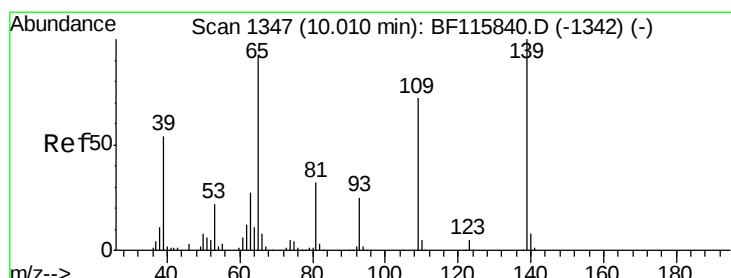
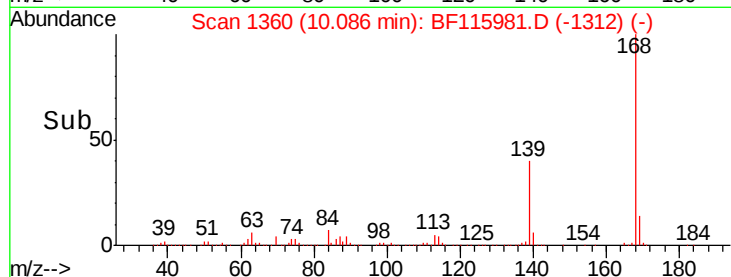
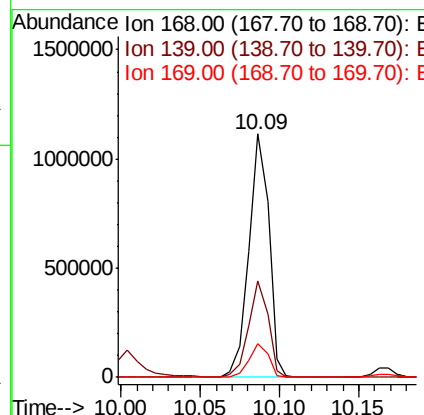
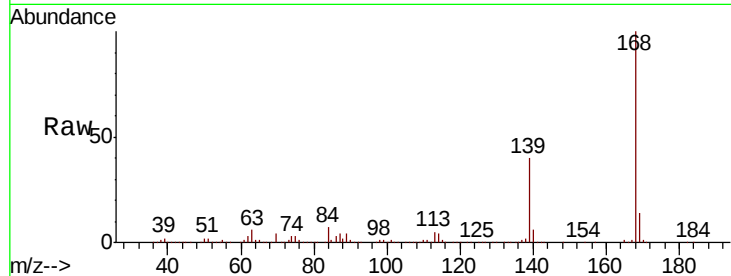
#55
Dibenzofuran
Concen: 43.099 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.2
169	13.9	10.8	16.2

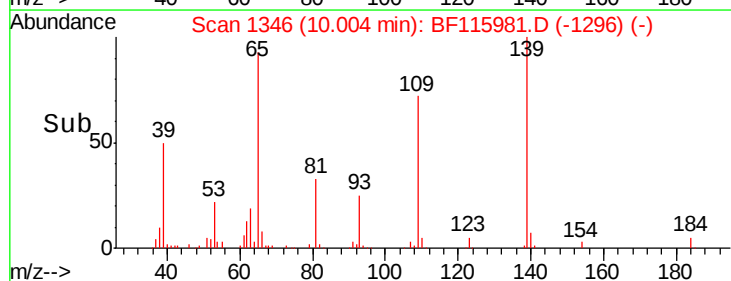
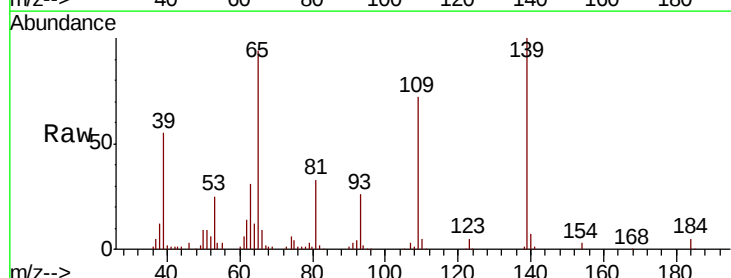
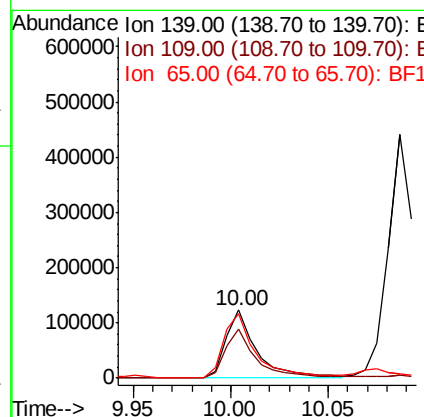
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#56
4-Nitrophenol
Concen: 39.113 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	52.0	92.0
65	93.9	72.6	112.6





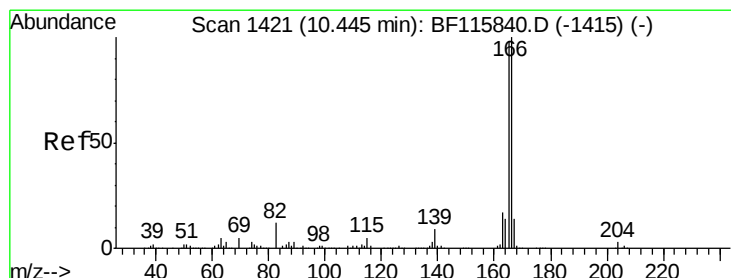
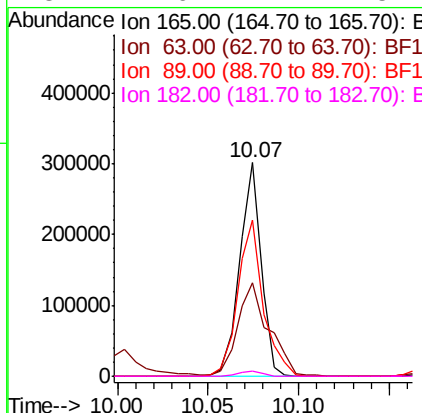
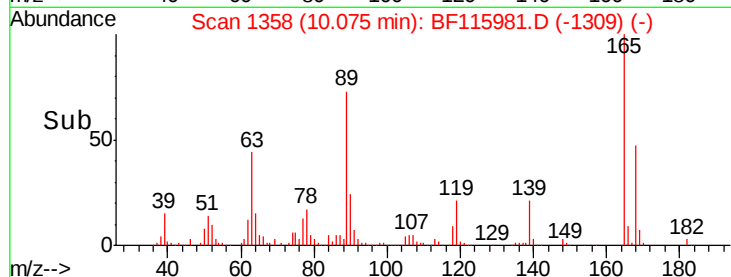
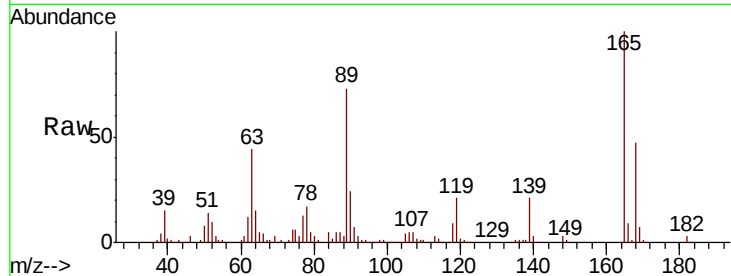
#57
2,4-Dinitrotoluene
Concen: 42.597 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.2	49.8
89	73.1	57.3	85.9
182	2.6	2.1	3.1

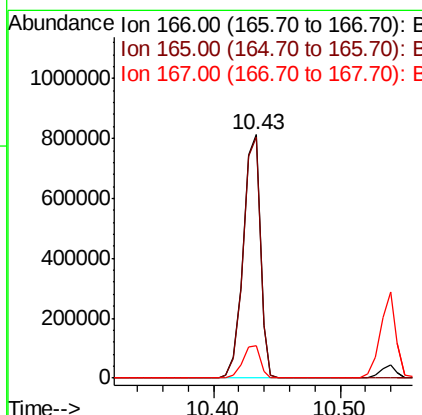
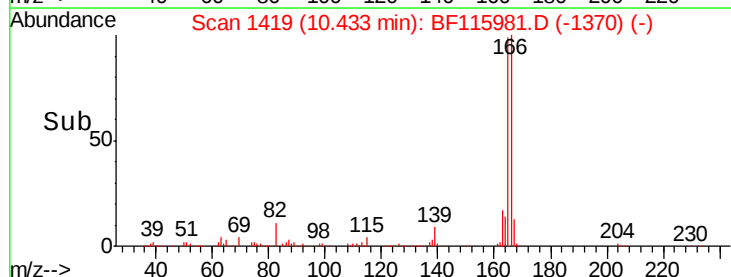
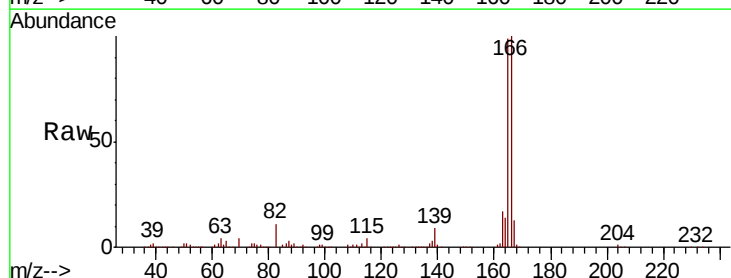
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#58
Fluorene
Concen: 43.295 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	118.0
167	13.4	10.9	16.3





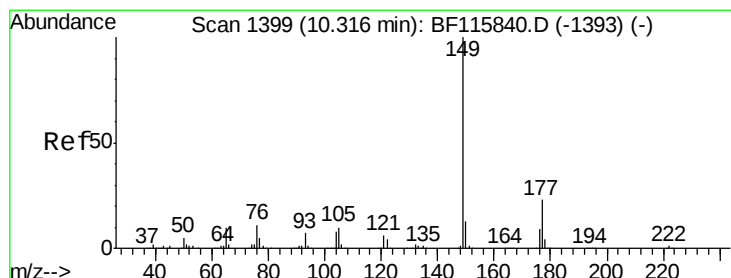
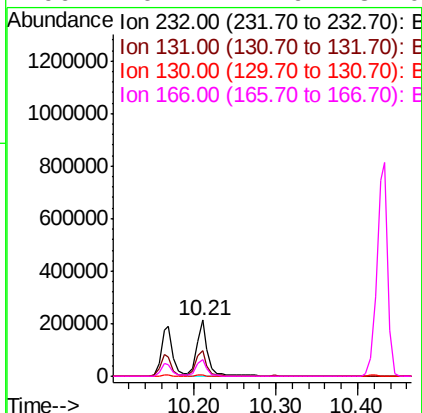
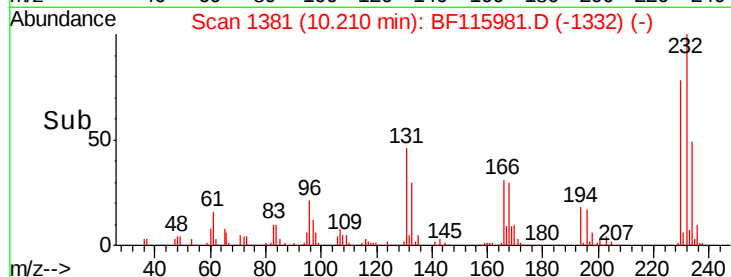
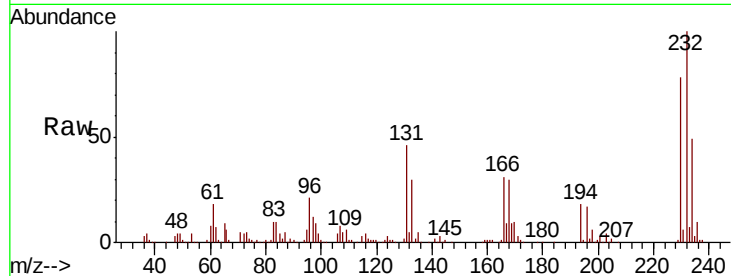
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.437 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		196361		
131	45.5	37.6	56.4		
130	2.4	1.8	2.8		
166	29.7	24.6	37.0		

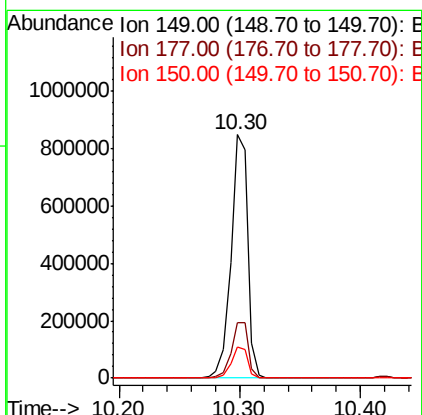
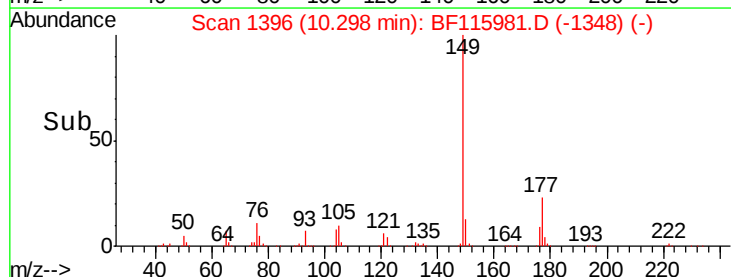
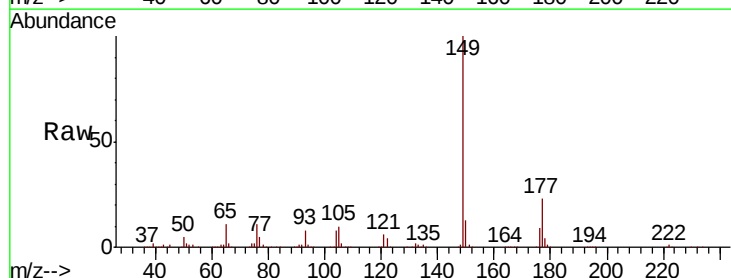
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#60
Diethylphthalate
Concen: 43.458 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		818060		
177	22.7	18.4	27.6		
150	12.9	10.1	15.1		





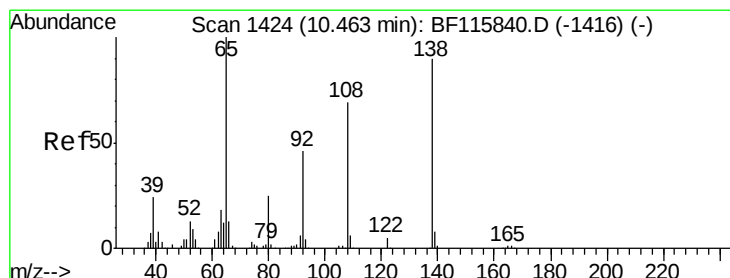
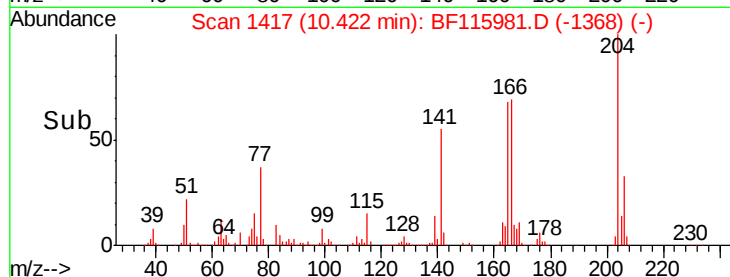
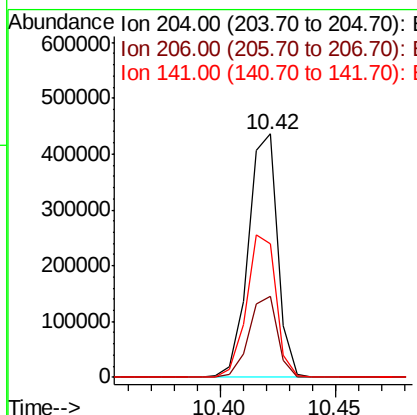
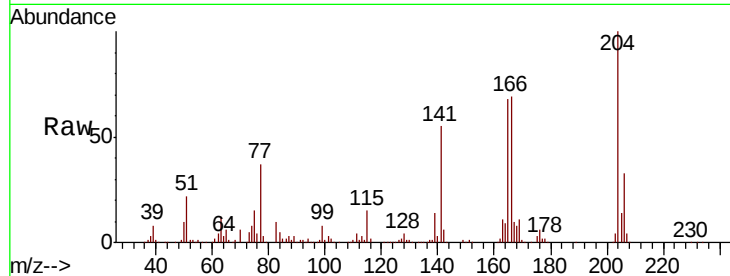
#61
 4-Chlorophenyl-phenylether
 Concen: 43.940 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	387752
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.4	39.6
141	55.0	47.0	70.4

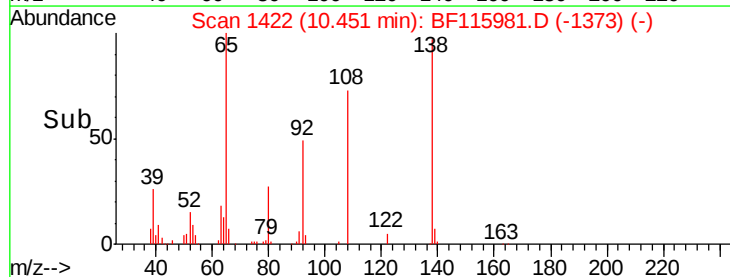
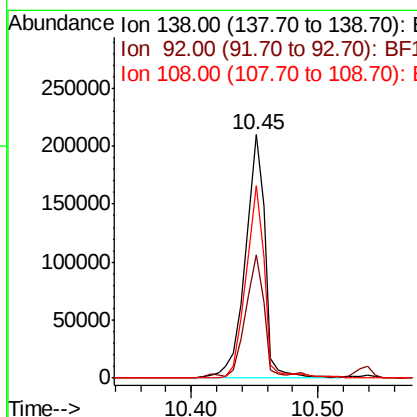
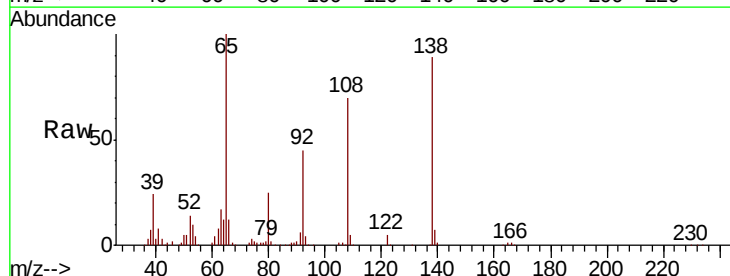
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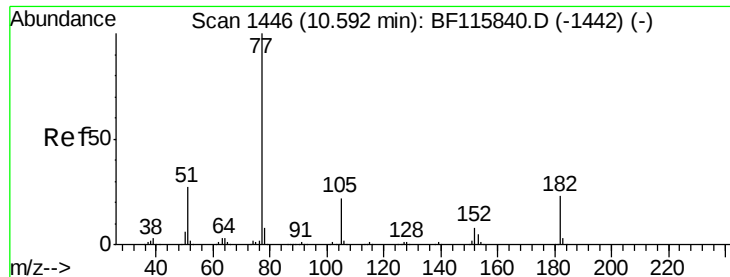
mohammad
 8/8/2019 4:45:40 PM



#62
 4-Nitroaniline
 Concen: 40.279 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion:	138	Resp:	225367
Ion Ratio	Lower	Upper	
138	100		
92	50.9	31.0	71.0
108	79.0	56.7	96.7





#63

Azobenzene

Concen: 43.550 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

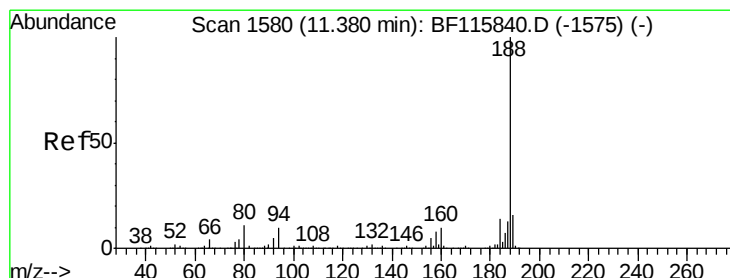
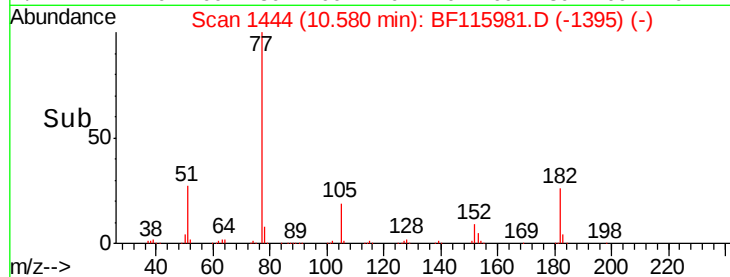
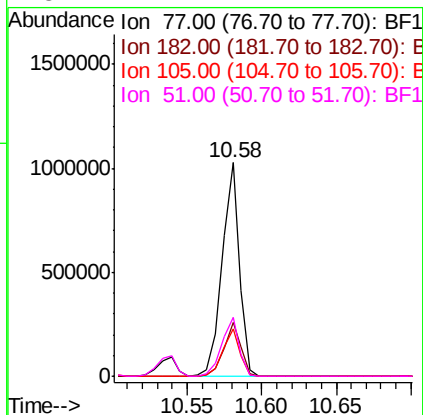
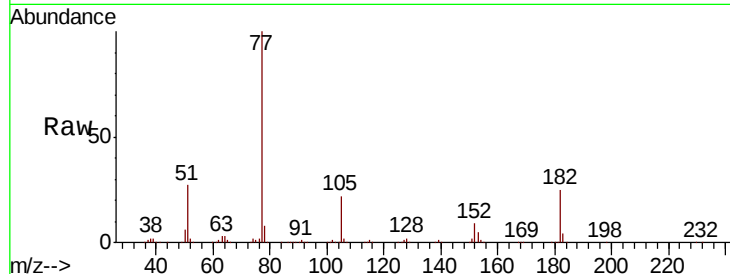
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	843193
Ion	Ratio	Lower	Upper
77	100		
182	25.0	2.6	42.6
105	22.2	1.6	41.6
51	27.4	7.4	47.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

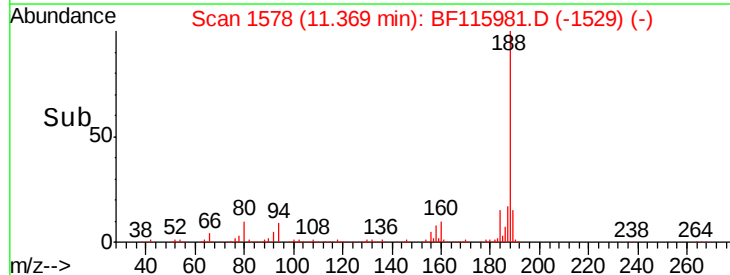
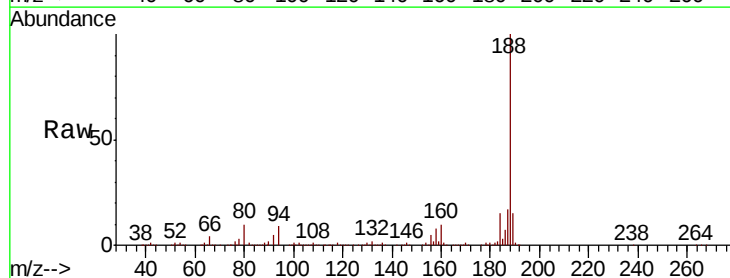
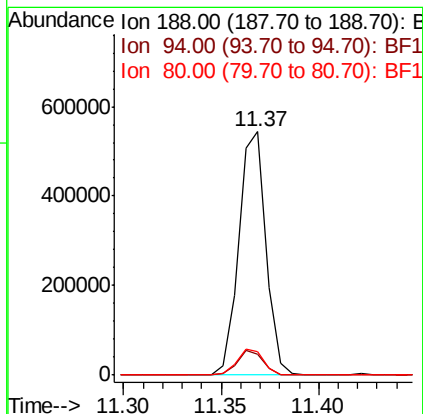
RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:	188	Resp:	522119
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.7	8.6	12.8





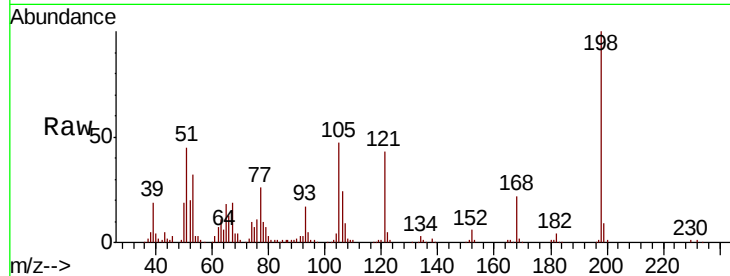
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.310 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

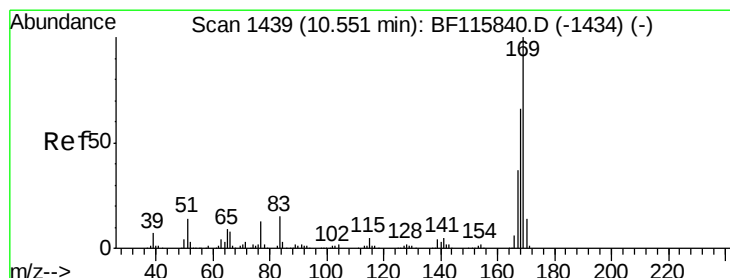
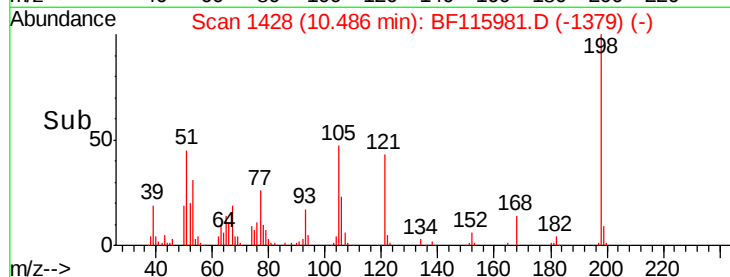
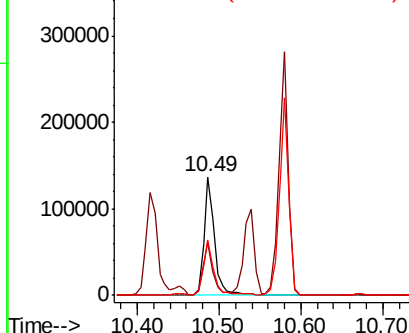
Tot Ion	Ratio	Resp	Lower	Upper
198	100	125367		
51	44.7	21.1	61.1	
105	46.7	24.5	64.5	

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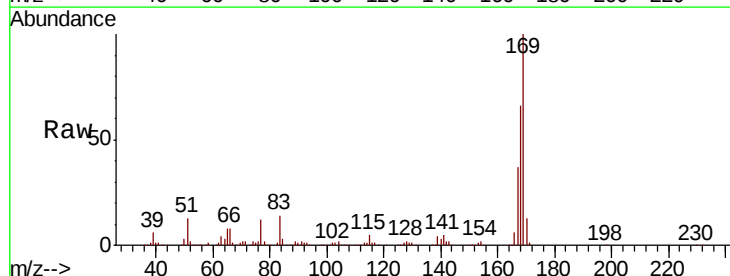


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

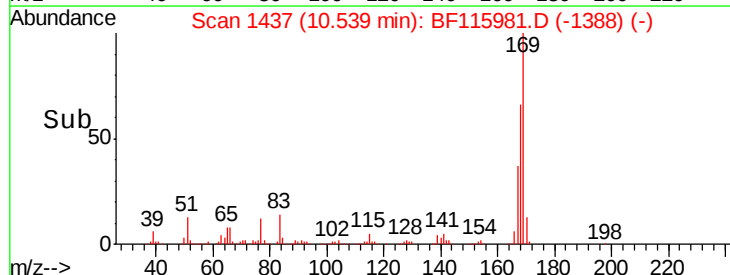
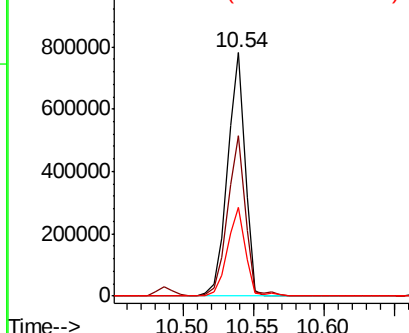


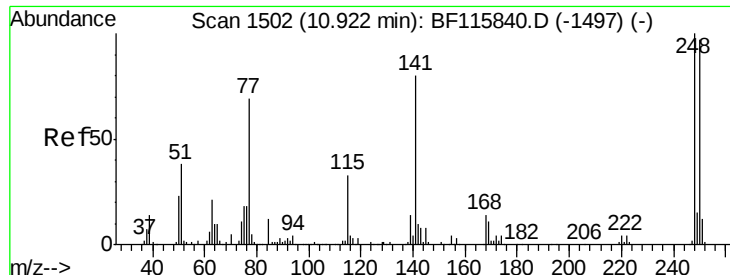
#66
 n-Nitrosodiphenylamine
 Concen: 42.866 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	673648		
168	65.9	53.0	79.6	
167	36.7	29.9	44.9	



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





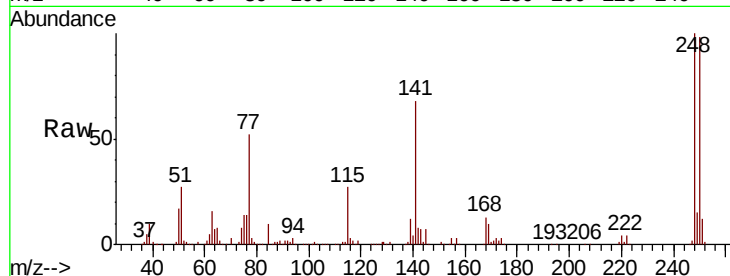
#67
4-Bromophenyl-phenylether
Concen: 43.377 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.6
141	67.8	64.3	96.5

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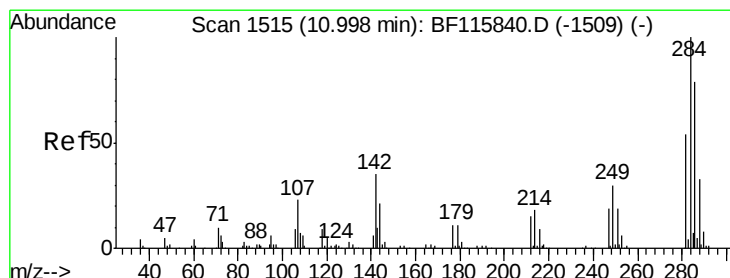
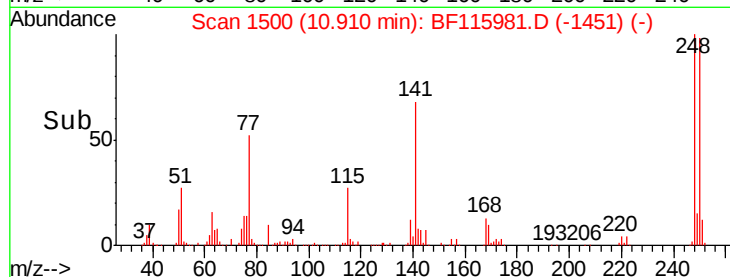
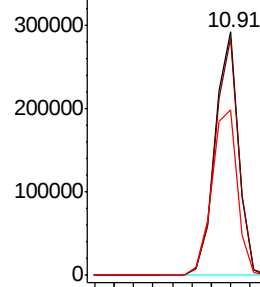


Abundance

Ion 248.00 (247.70 to 248.70): E

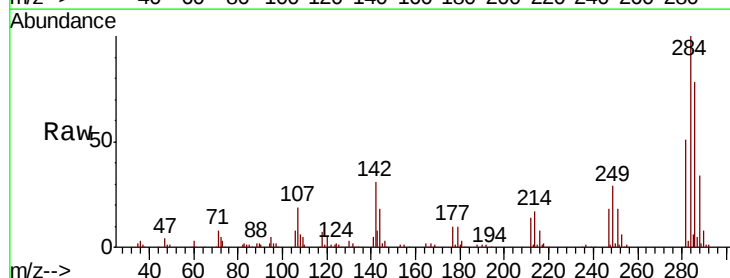
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.557 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	28.2	42.2
249	29.2	24.0	36.0

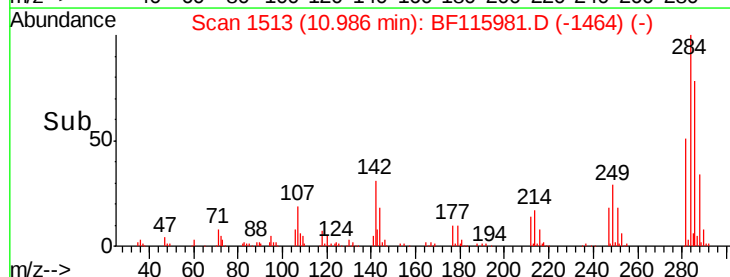
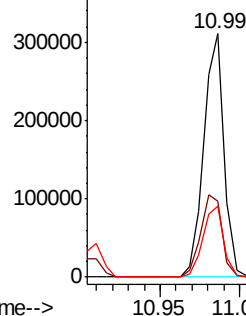


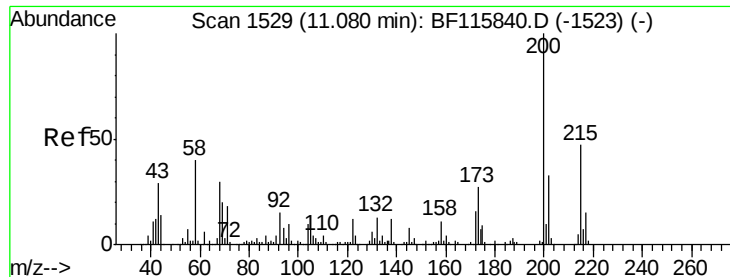
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





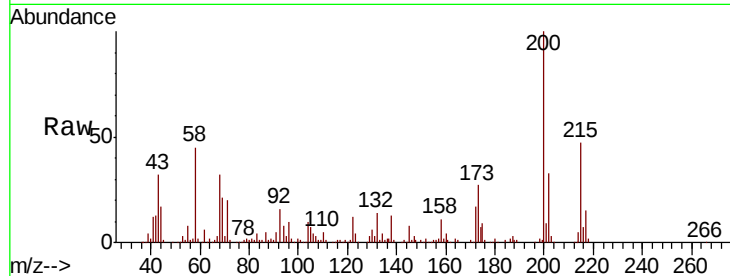
#69
Atrazine
Concen: 33.320 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

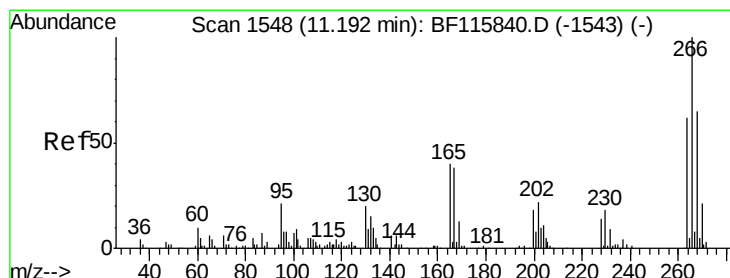
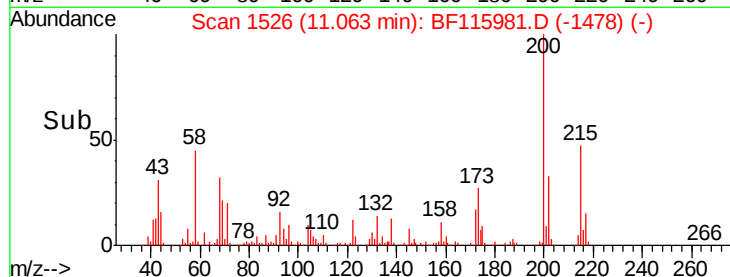
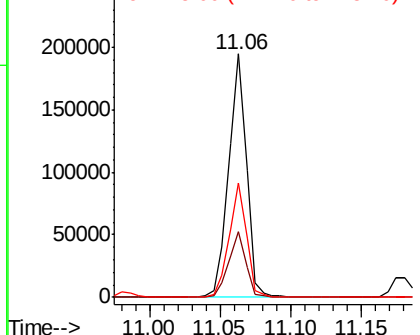
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.3	47.3
215	47.1	26.9	66.9

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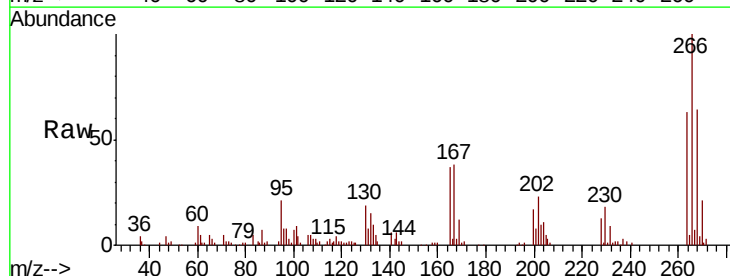


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

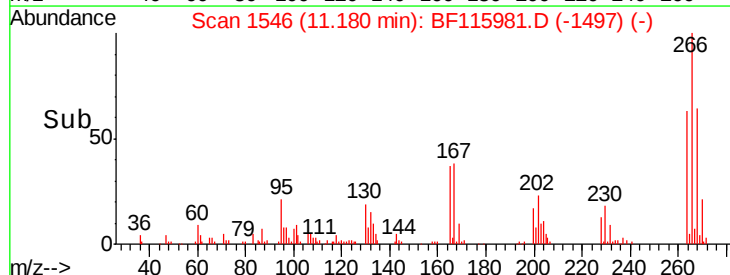
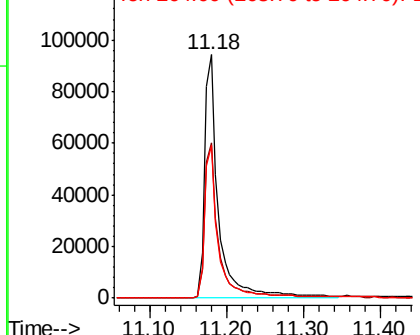


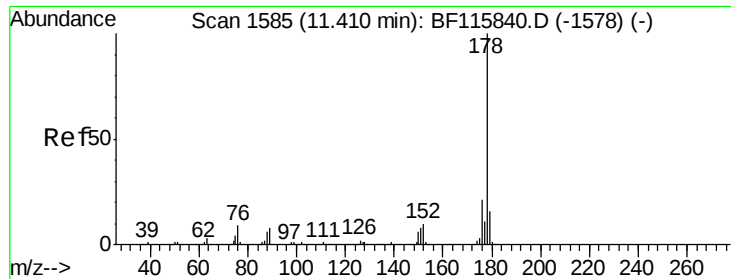
#70
Pentachlorophenol
Concen: 38.174 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.6	77.4
264	62.6	49.4	74.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





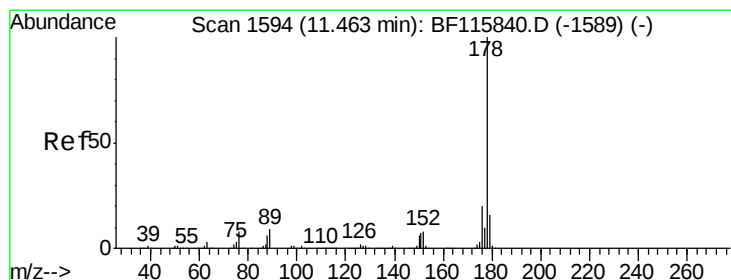
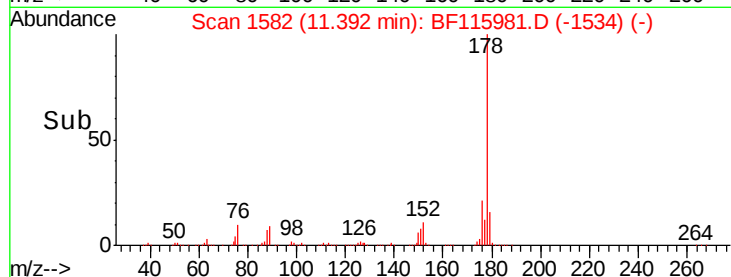
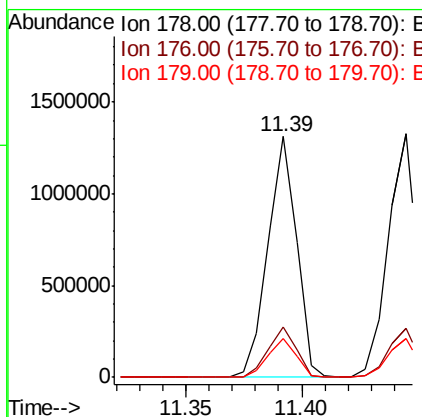
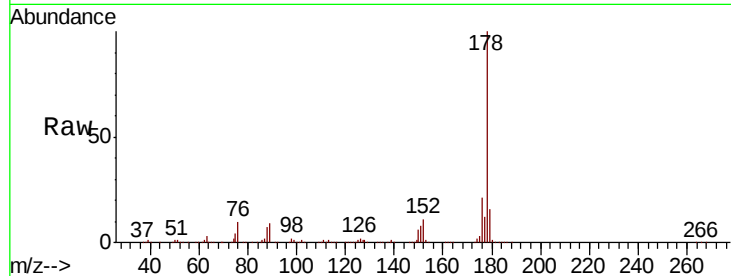
#71
Phenanthrene
Concen: 42.412 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1132050
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 16.1 12.6 18.8

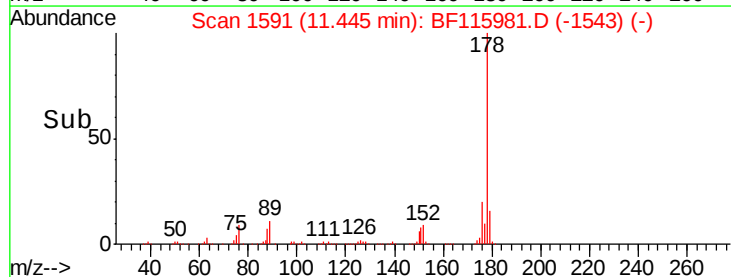
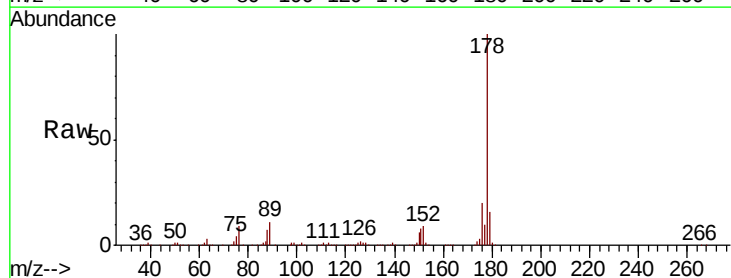
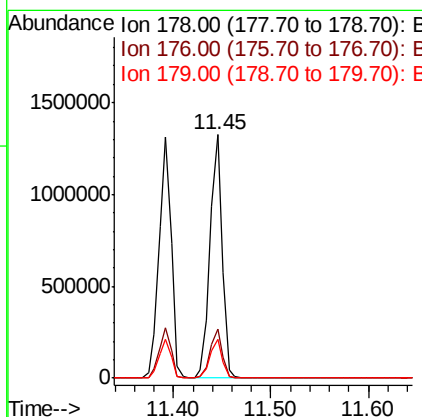
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#72
Anthracene
Concen: 42.860 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:178 Resp: 1157787
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.9 12.4 18.6





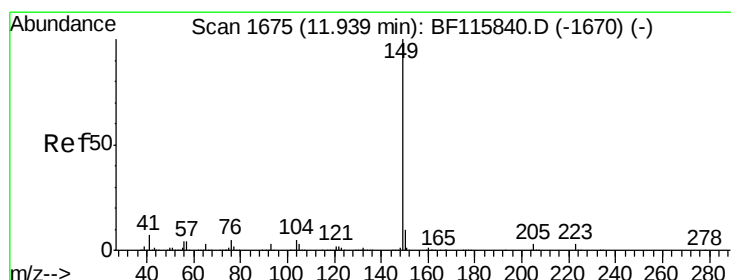
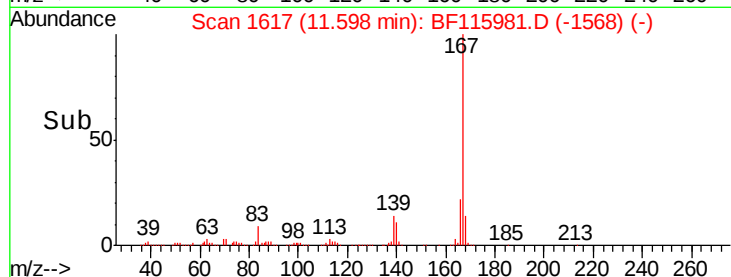
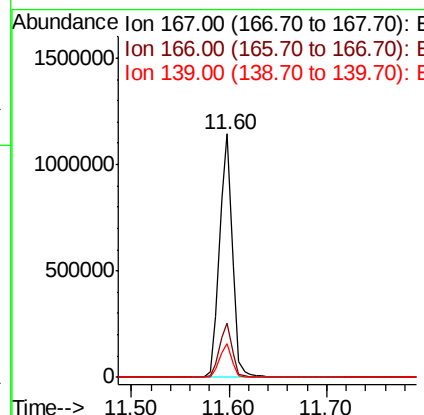
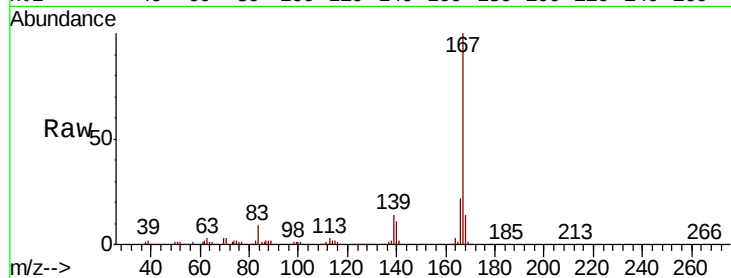
#73
 Carbazole
 Concen: 42.633 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.8	11.4	17.2

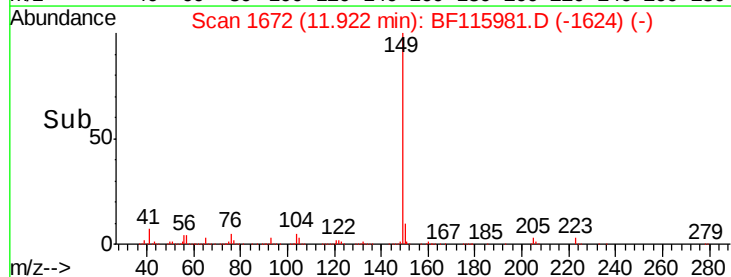
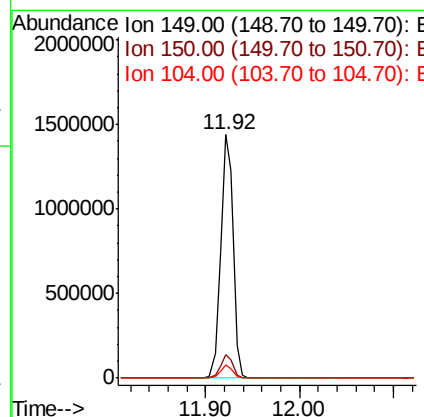
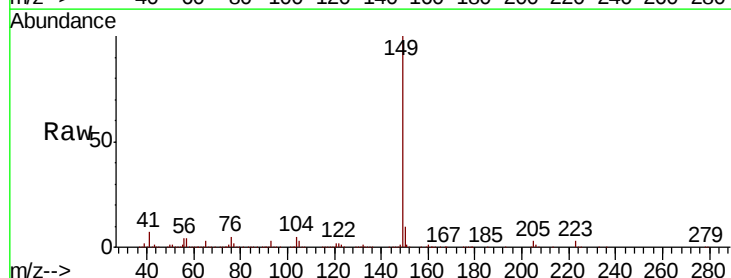
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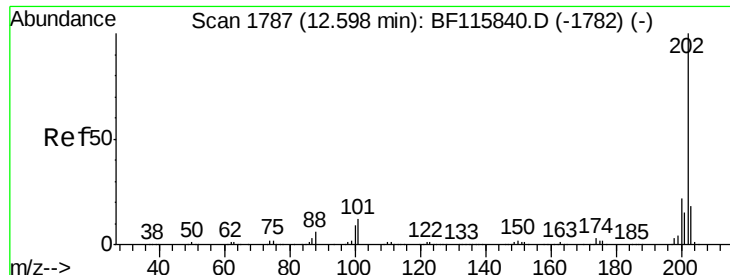
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#74
 Di-n-butylphthalate
 Concen: 46.766 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.4	4.3	6.5





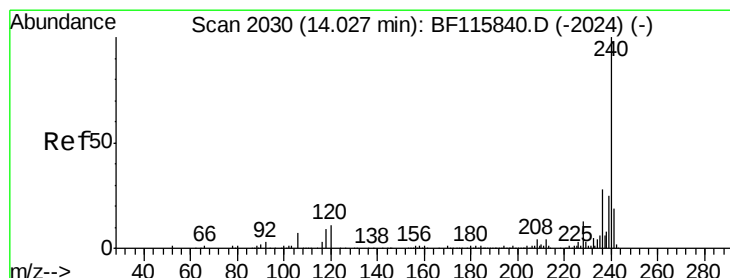
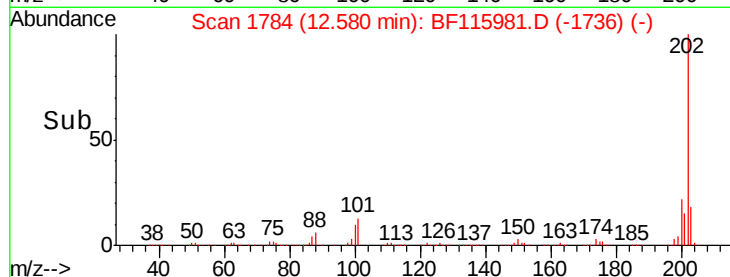
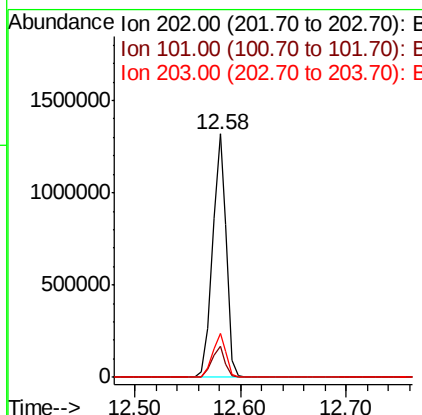
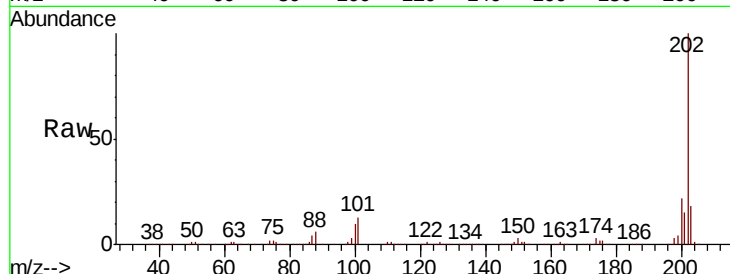
#75
Fluoranthene
 Concen: 43.249 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1208549		
101	13.0		0.0	31.5
203	18.0		0.0	37.9

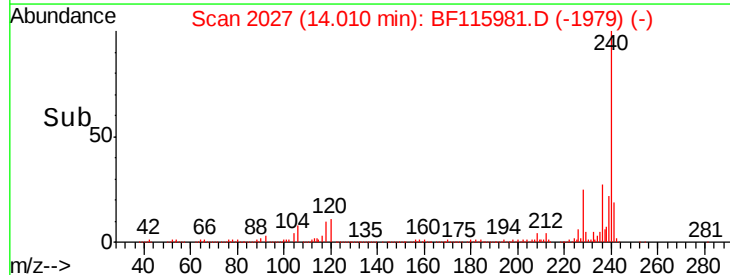
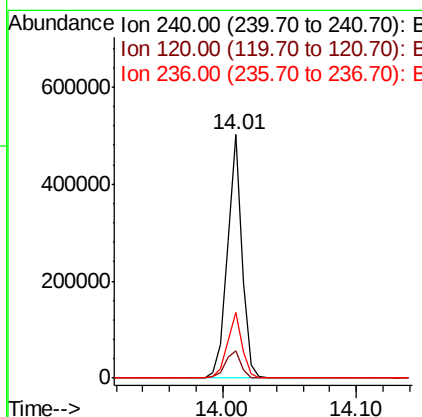
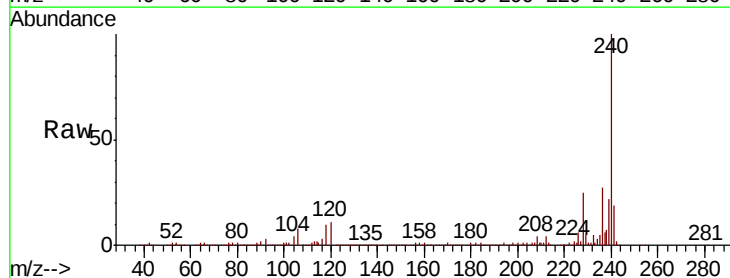
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	388451		
120	11.0		8.5	12.7
236	27.2		22.2	33.2





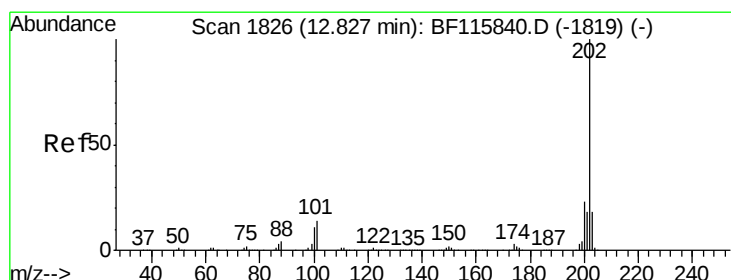
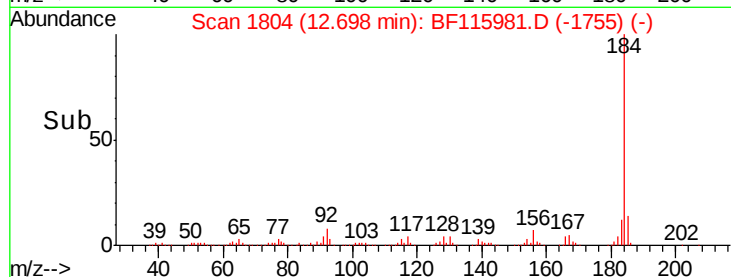
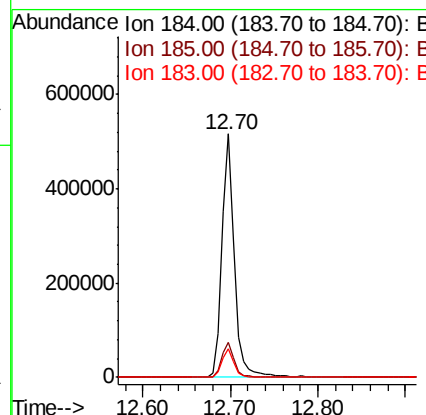
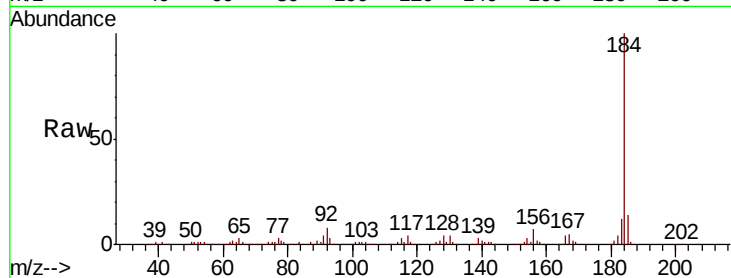
#77
Benzidine
Concen: 39.218 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.2
183	11.5	9.1	13.7

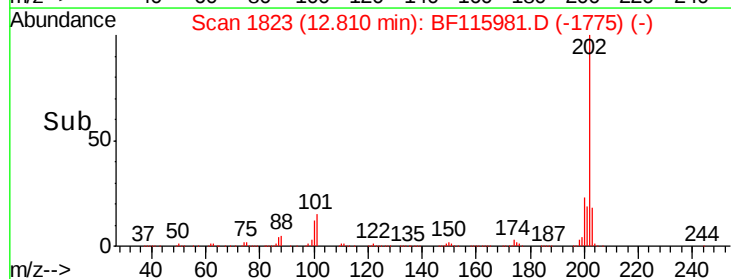
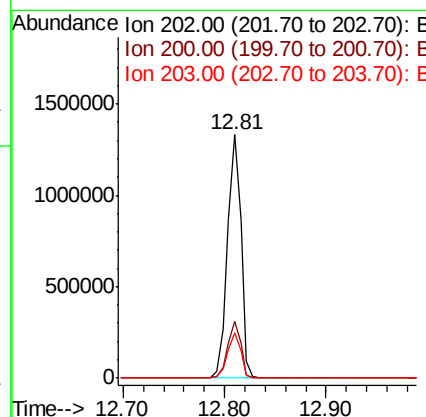
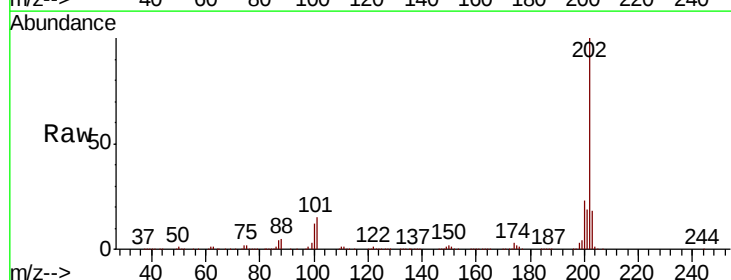
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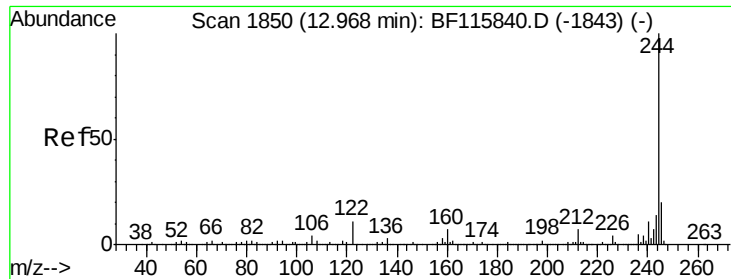
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#78
Pyrene
Concen: 42.060 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.2
203	18.3	14.3	21.5





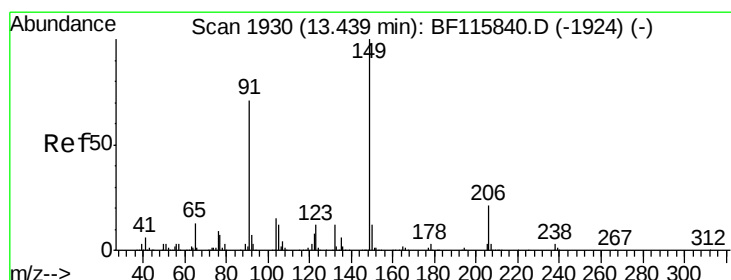
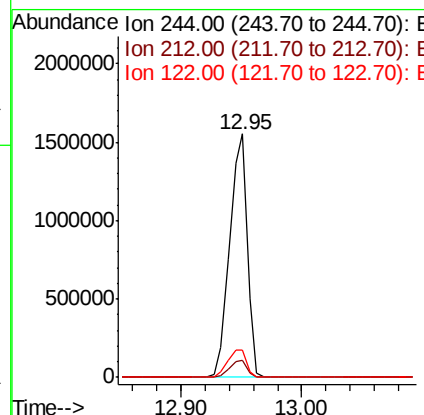
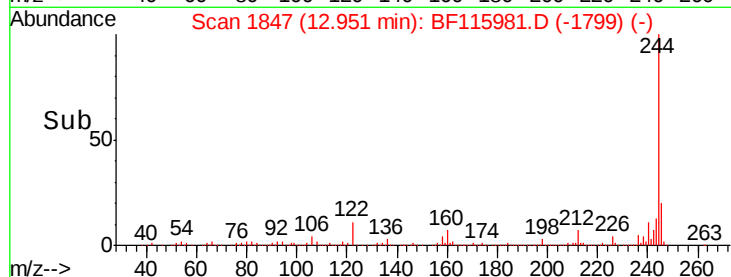
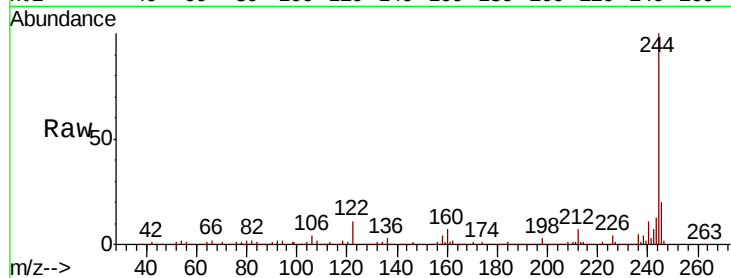
#79
 Terphenyl-d14
 Concen: 84.797 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	8.6	13.0

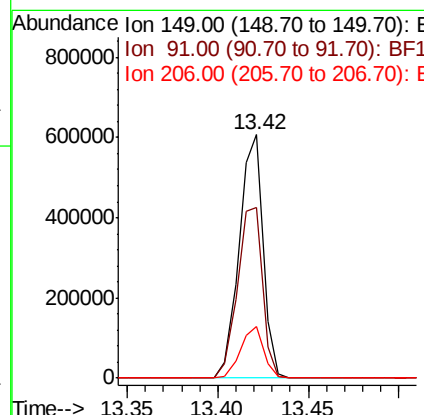
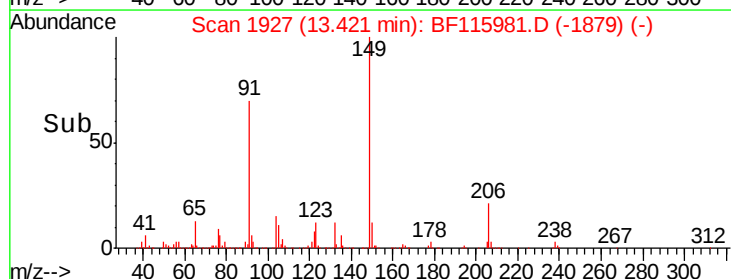
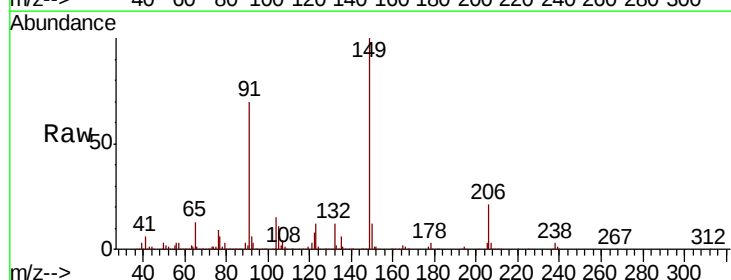
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#80
 Butylbenzylphthalate
 Concen: 44.845 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	57.0	85.6
206	21.5	16.9	25.3





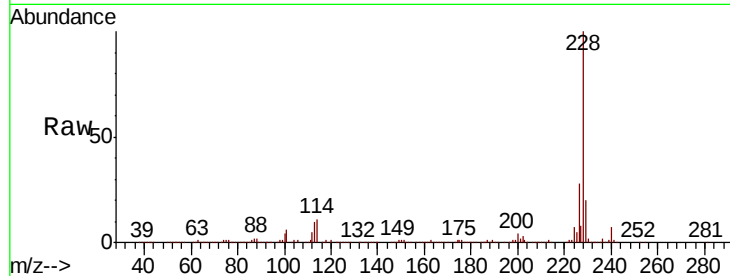
#81
Benzo(a)anthracene
Concen: 43.049 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.2	16.1	24.1

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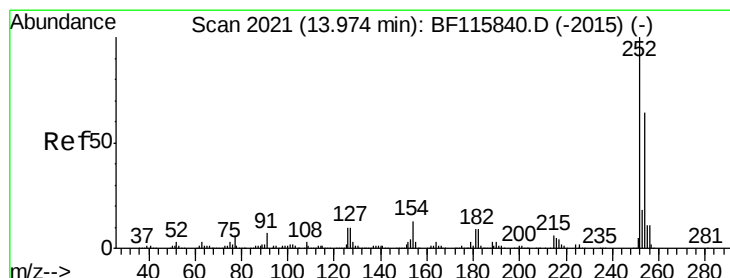
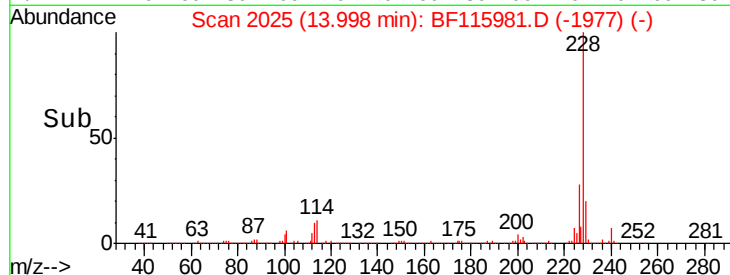
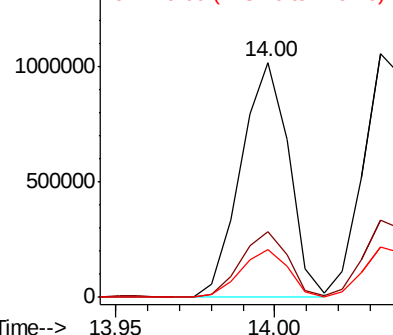


Abundance

Ion 228.00 (227.70 to 228.70): E

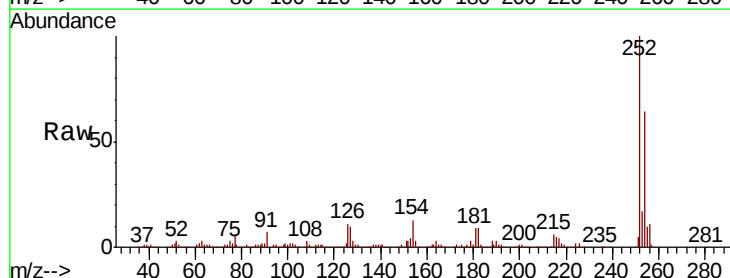
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 42.595 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	10.8	8.1	12.1

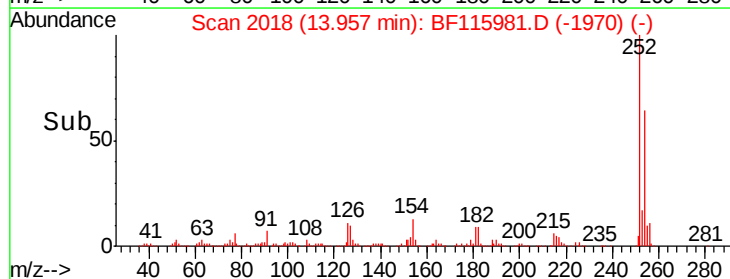
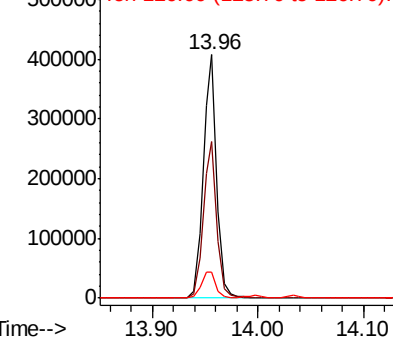


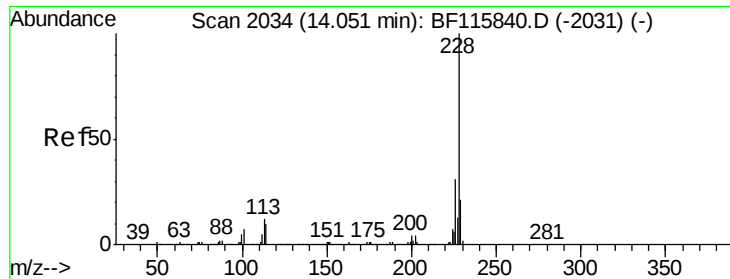
Abundance

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





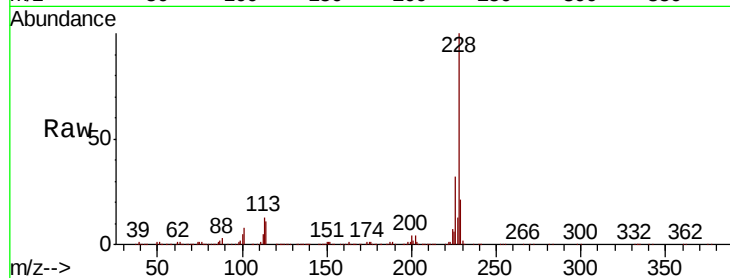
#83
Chrysene
Concen: 41.878 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	20.9	16.4	24.6

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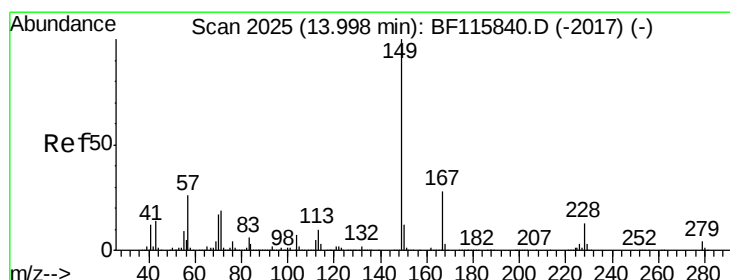
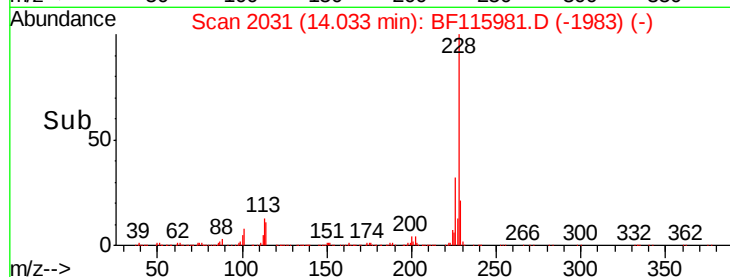
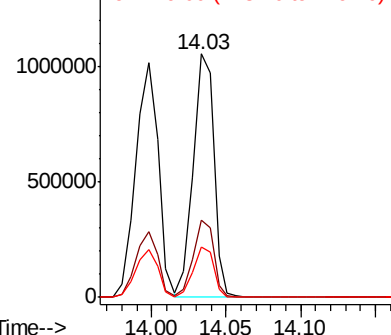


Abundance

Ion 228.00 (227.70 to 228.70): E

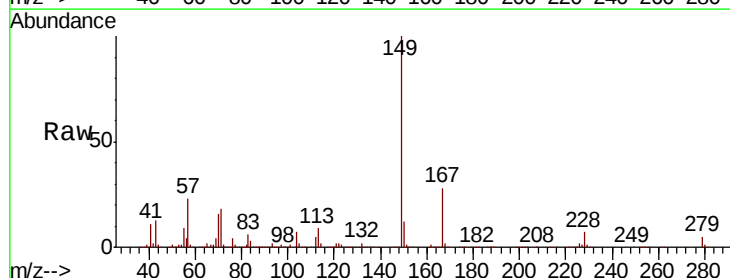
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.851 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.4	33.6
279	4.6	3.3	4.9

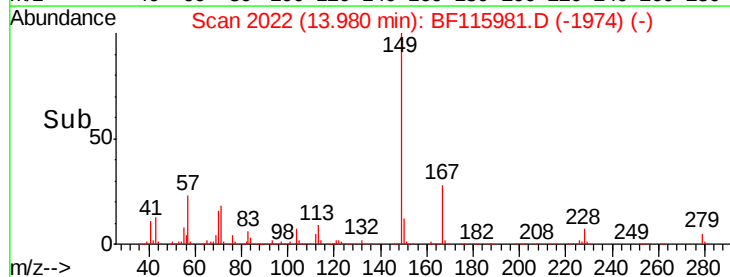
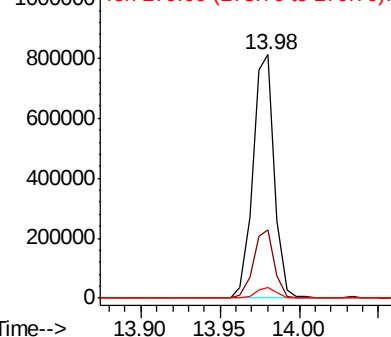


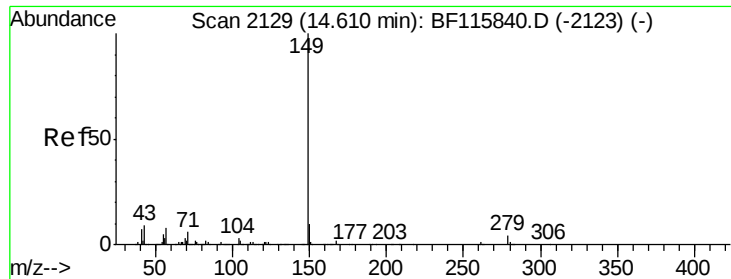
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





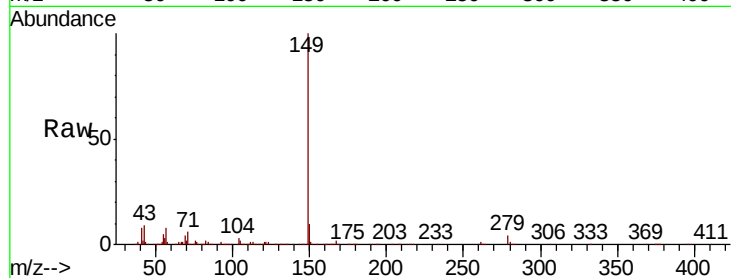
#85
Di-n-octyl phthalate
Concen: 45.891 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

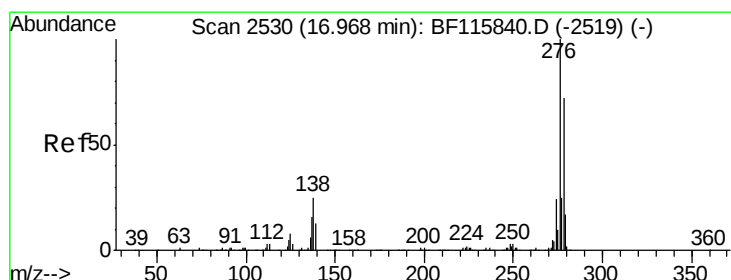
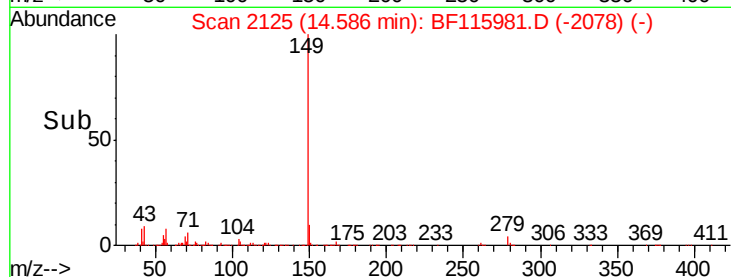
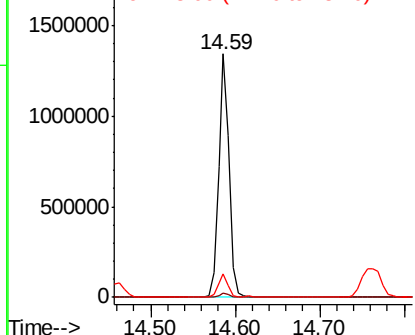
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	7.4	11.0

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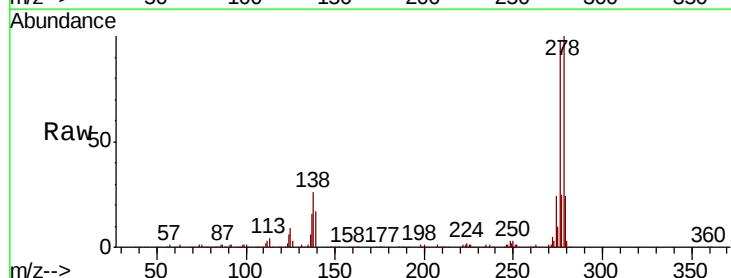


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

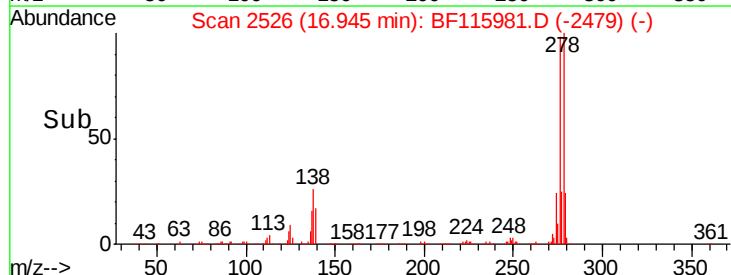
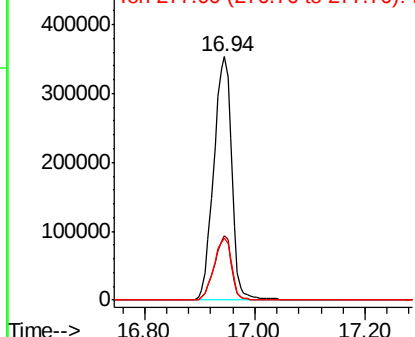


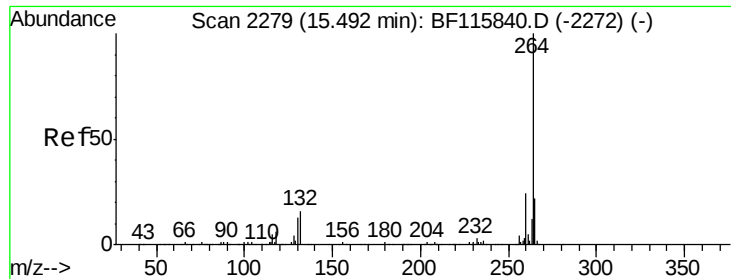
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.918 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.6	29.4
277	25.0	20.1	30.1



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: 15.47 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

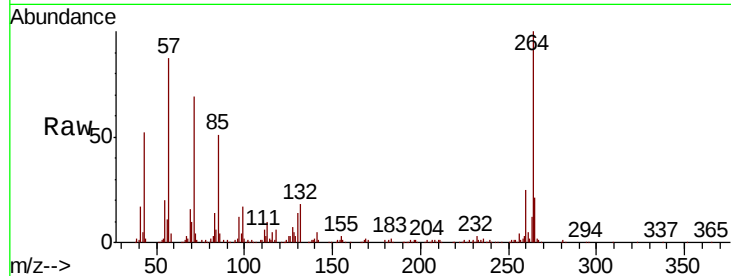
ClientSampleId :

SSTDCCC040

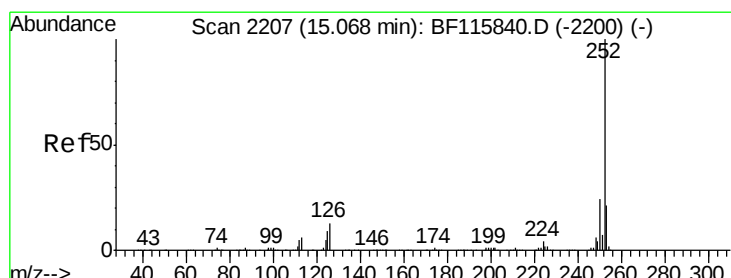
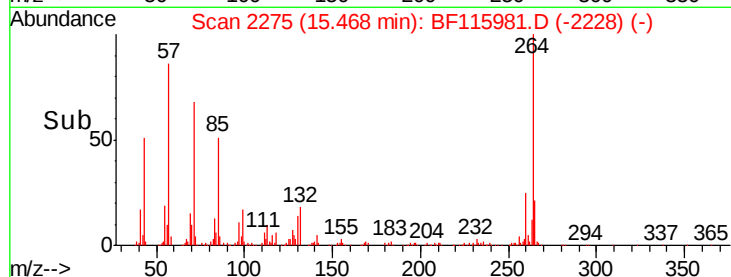
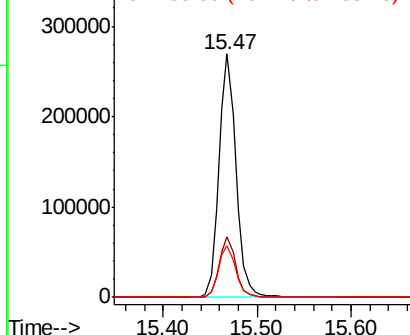
Tot Ion:	264	Resp:	343071
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.3	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.927 ng

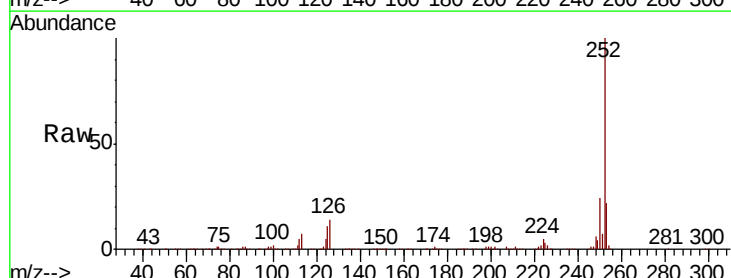
RT: 15.04 min Scan# 2203

Delta R.T. -0.02 min

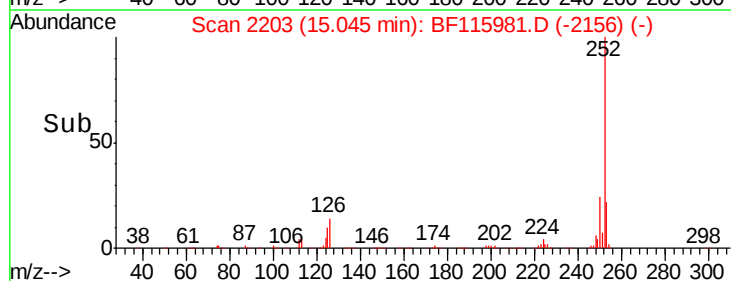
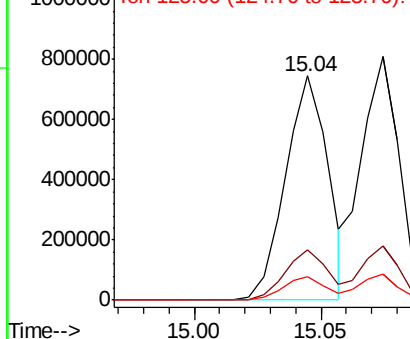
Lab File: BF115981.D

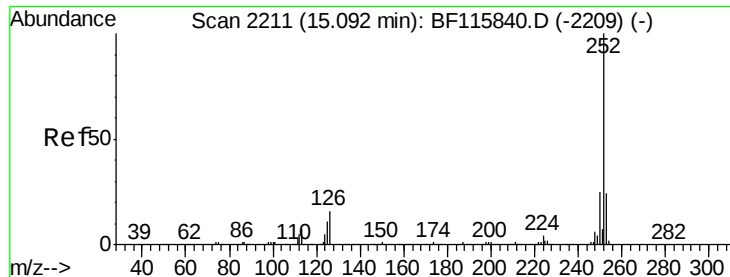
Acq: 5 Aug 2019 14:34

Tgt Ion:	252	Resp:	871377
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	10.5	7.4	11.0



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





#89

Benzo(k)fluoranthene

Concen: 44.568 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

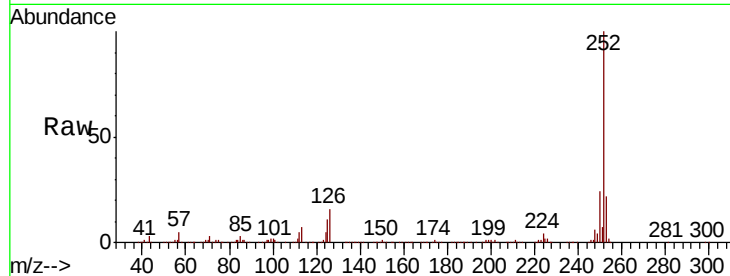
ClientSampleId :

SSTDCCC040

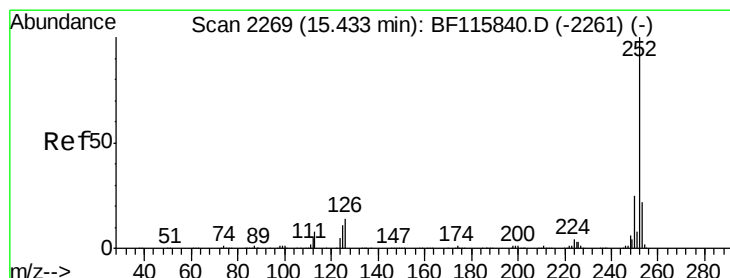
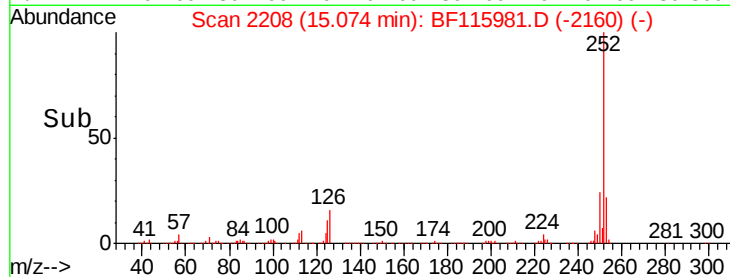
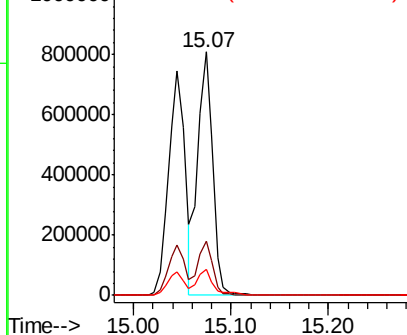
Tot Ion:	252	Resp:	861116
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	10.7	8.9	13.3

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



#90

Benzo(a)pyrene

Concen: 44.041 ng

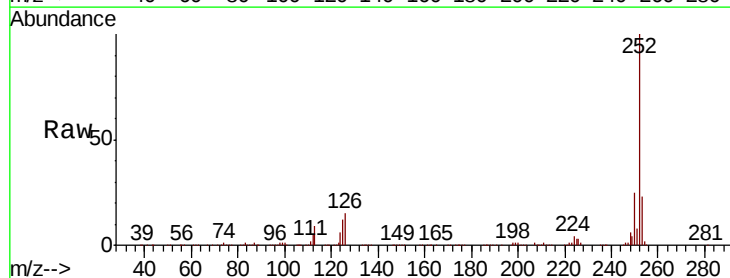
RT: 15.41 min Scan# 2265

Delta R.T. -0.02 min

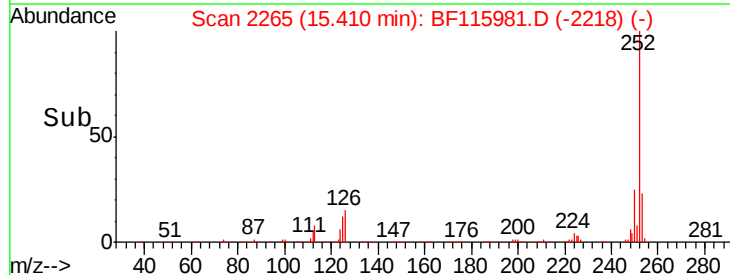
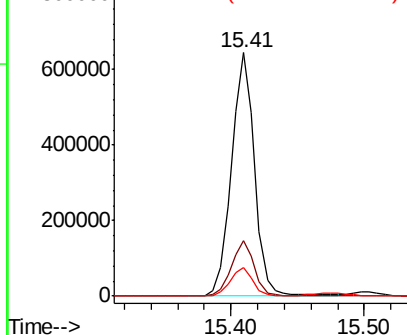
Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:	252	Resp:	780963
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	11.7	8.8	13.2



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





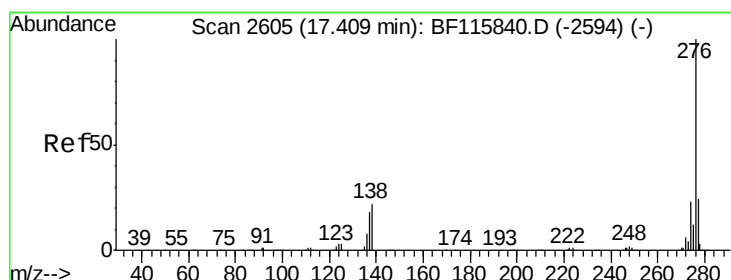
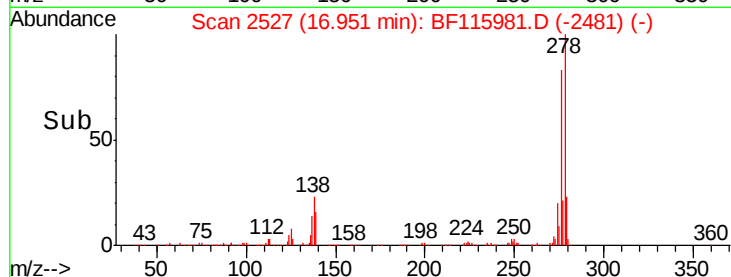
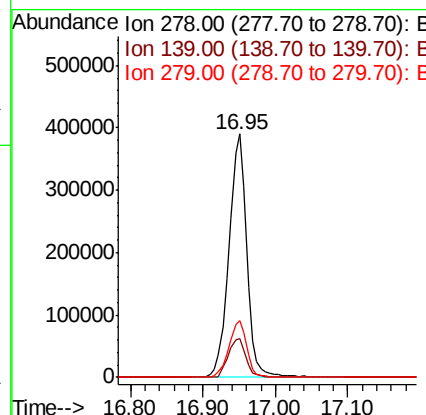
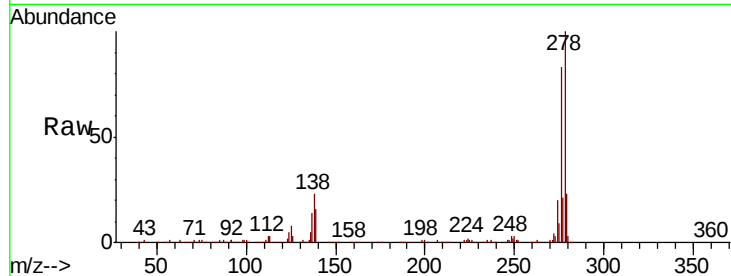
#91
Dibenzo(a,h)anthracene
Concen: 43.515 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.03 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	23.4	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/8/2019 4:45:40 PM



#92
Benzo(g,h,i)perylene
Concen: 42.091 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.03 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	22.4	17.8	26.8

