

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117483.D
 Acq On : 23 Oct 2019 15:10
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 10/24/2019 2:10:47 PM

Quant Time: Oct 24 08:28:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44938	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	191055	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	97399	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	150559	20.00	ng	0.00
76) Chrysene-d12	13.89	240	108308	20.00	ng	0.00
87) Perylene-d12	15.32	264	95552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	258310	85.52	ng	0.00
7) Phenol-d6	6.39	99	338687	83.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	320018	82.69	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69657	82.65	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	566153	81.90	ng	0.00
79) Terphenyl-d14	12.83	244	527619	79.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	54151	42.639	ng	97
3) Pyridine	3.12	79	121683	39.140	ng	99
4) n-Nitrosodimethylamine	3.07	42	46459	41.192	ng	100
6) Aniline	6.40	93	199858	41.961	ng	# 54
8) 2-Chlorophenol	6.53	128	133056	41.744	ng	94
9) Benzaldehyde	6.29	77	86739	45.533	ng	98
10) Phenol	6.40	94	171841	41.500	ng	98
11) bis(2-Chloroethyl)ether	6.47	93	131136	42.816	ng	99
12) 1,3-Dichlorobenzene	6.67	146	147051	41.342	ng	99
13) 1,4-Dichlorobenzene	6.75	146	154014	42.683	ng	99
14) 1,2-Dichlorobenzene	6.90	146	140033	41.171	ng	99
15) Benzyl Alcohol	6.89	79	120693	41.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	138863	42.029	ng	77
17) 2-Methylphenol	7.00	107	107261	40.907	ng	95
18) Hexachloroethane	7.24	117	59962	42.575	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	102558	41.392	ng	98
20) 3+4-Methylphenols	7.16	107	145957	42.456	ng	96
22) Acetophenone	7.15	105	211254	41.641	ng	97
24) Nitrobenzene	7.32	77	148417	40.040	ng	100
25) Isophorone	7.56	82	273399	40.837	ng	99
26) 2-Nitrophenol	7.64	139	67731	40.970	ng	96
27) 2,4-Dimethylphenol	7.68	122	100018	40.482	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	170906	41.371	ng	97
29) 2,4-Dichlorophenol	7.89	162	108721	41.954	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	112872	40.588	ng	99
31) Naphthalene	8.04	128	395038	41.715	ng	99
32) Benzoic acid	7.84	122	65874m	38.927	ng	
33) 4-Chloroaniline	8.09	127	165932	41.518	ng	98
34) Hexachlorobutadiene	8.16	225	66258	41.164	ng	99
35) Caprolactam	8.47	113	34927	41.956	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	120984	40.936	ng	96
37) 2-Methylnaphthalene	8.73	142	257658	40.378	ng	99
38) 1-Methylnaphthalene	8.83	142	245799	40.993	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	108621	41.406	ng	98

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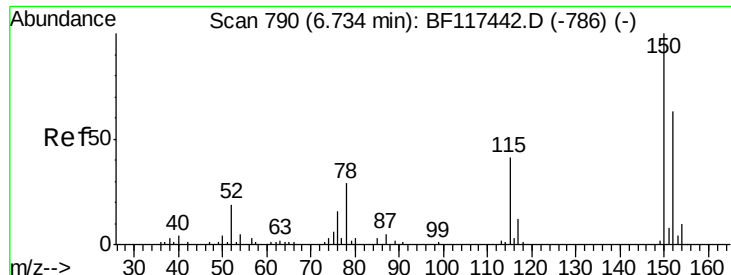
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	15509	33.879	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	67453	41.060	nq	97
44) 2,4,5-Trichlorophenol	9.06	196	68543	41.175	nq	95
46) 1,1'-Biphenyl	9.19	154	330465	40.984	nq	98
47) 2-Chloronaphthalene	9.22	162	250429	41.192	nq	100
48) 2-Nitroaniline	9.32	65	83644	41.910	nq	94
49) Acenaphthylene	9.63	152	368283	41.241	nq	99
50) Dimethylphthalate	9.49	163	285773	41.157	nq	99
51) 2,6-Dinitrotoluene	9.56	165	59803	41.274	nq	98
52) Acenaphthene	9.80	154	221142	40.364	nq	99
53) 3-Nitroaniline	9.73	138	70881	40.318	nq	97
54) 2,4-Dinitrophenol	9.86	184	22220	39.486	nq	89
55) Dibenzofuran	9.97	168	324386	40.867	nq	99
56) 4-Nitrophenol	9.92	139	26390	35.057	nq	96
57) 2,4-Dinitrotoluene	9.97	165	79608	41.325	nq	99
58) Fluorene	10.32	166	268009	40.829	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	52130	39.843	nq	97
60) Diethylphthalate	10.19	149	290766	41.401	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	122042	41.440	nq	96
62) 4-Nitroaniline	10.35	138	68432	41.297	nq	96
63) Azobenzene	10.47	77	301379	41.919	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	29607	38.678	nq	89
66) n-Nitrosodiphenylamine	10.43	169	230748	41.923	nq	96
67) 4-Bromophenyl-phenylether	10.79	248	66502	41.008	nq	99
68) Hexachlorobenzene	10.87	284	71018	40.891	nq	96
69) Atrazine	10.95	200	55308	39.495	nq	97
70) Pentachlorophenol	11.07	266	22143	42.530	nq	91
71) Phenanthrene	11.27	178	362193	41.429	nq	99
72) Anthracene	11.33	178	373188	41.603	nq	99
73) Carbazole	11.49	167	343880	41.948	nq	99
74) Di-n-butylphthalate	11.81	149	468276	42.751	nq	99
75) Fluoranthene	12.46	202	364022	41.594	nq	99
77) Benzidine	12.59	184	144803	50.973	nq	98
78) Pyrene	12.69	202	370475	39.823	nq	99
80) Butylbenzylphthalate	13.30	149	190853	41.226	nq	98
81) Benzo(a)anthracene	13.89	228	299224	40.957	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	98504	42.968	nq	100
83) Chrysene	13.92	228	282227	39.416	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	269065	41.491	nq	95
85) Di-n-octyl phthalate	14.47	149	425892	42.715	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	219449	41.051	nq	99
88) Benzo(b)fluoranthene	14.92	252	236890	41.983	nq	97
89) Benzo(k)fluoranthene	14.94	252	241247	41.715	nq	97
90) Benzo(a)pyrene	15.27	252	213043	41.528	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	183745	41.422	nq	99
92) Benzo(g,h,i)perylene	17.15	276	172403	41.076	nq	98

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



#1

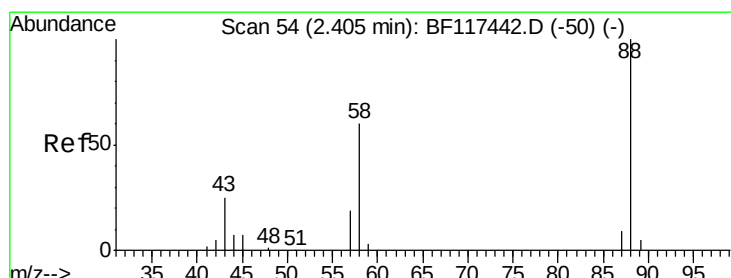
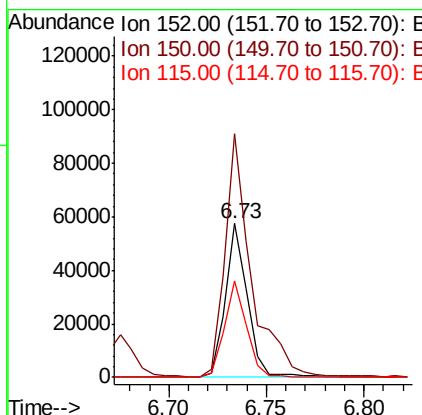
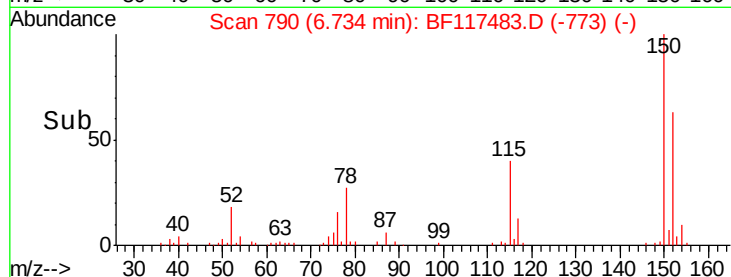
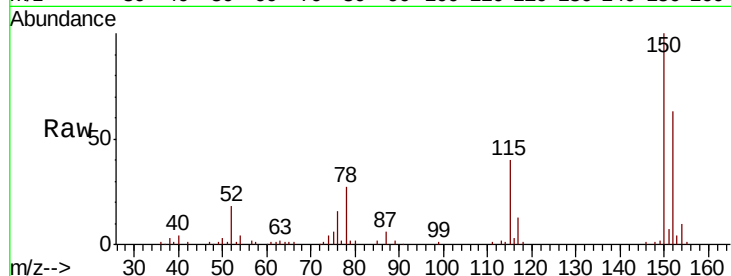
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.8	190.2
115	62.7	51.6	77.4

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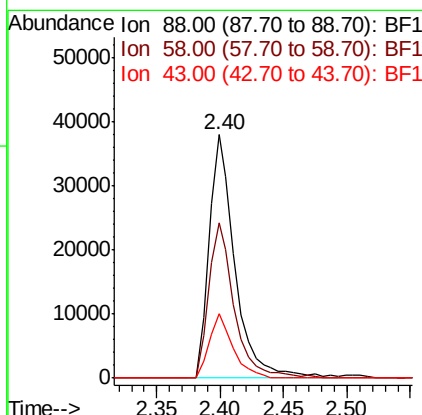
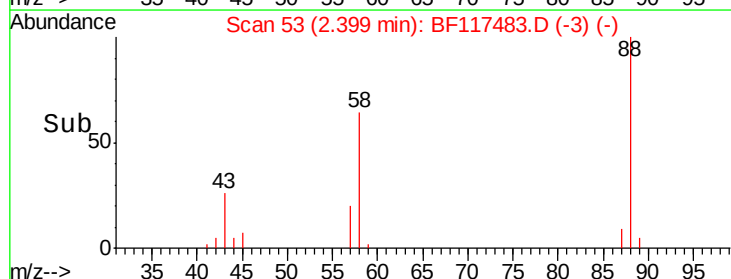
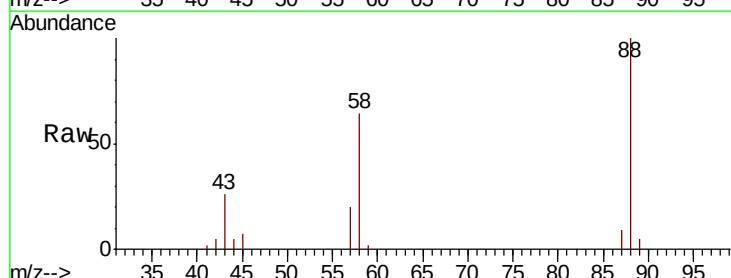
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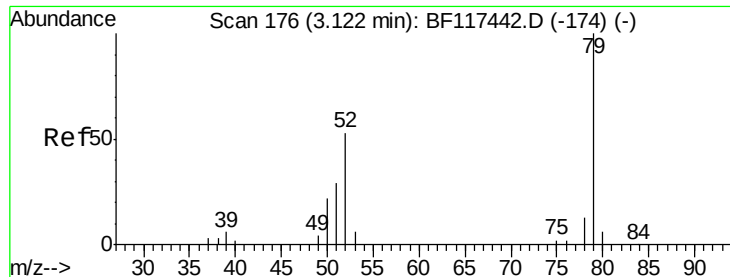


#2

1,4-Dioxane
Concen: 42.639 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	48.8	73.2
43	24.1	18.5	27.7





#3

Pvridine

Concen: 39.140 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

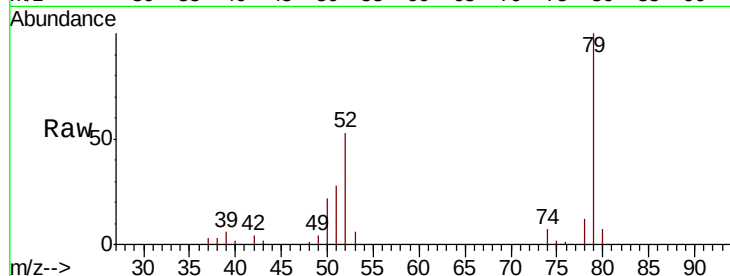
ClientSampleId :

SSTDCCC040

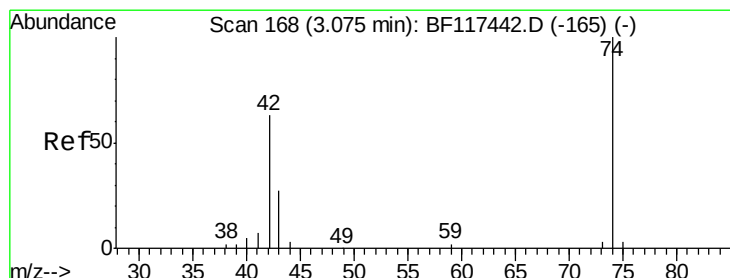
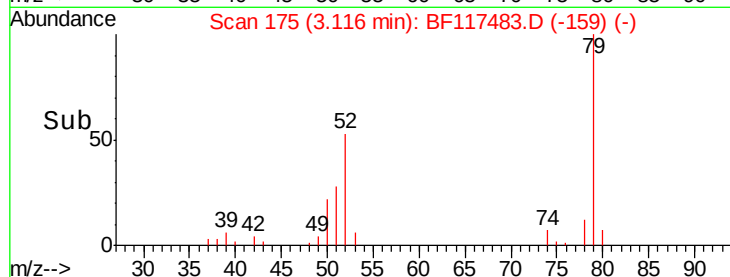
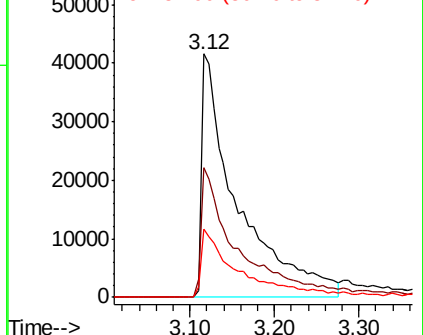
Tot Ion:	79	Resp:	121683
Ion	Ratio	Lower	Upper
79	100		
52	53.2	42.4	63.6
51	28.1	23.3	34.9

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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: 41.192 ng

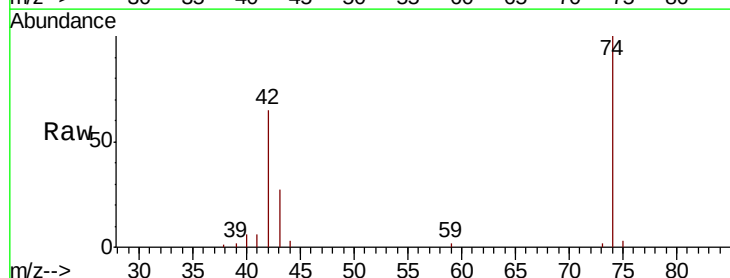
RT: 3.07 min Scan# 167

Delta R.T. -0.01 min

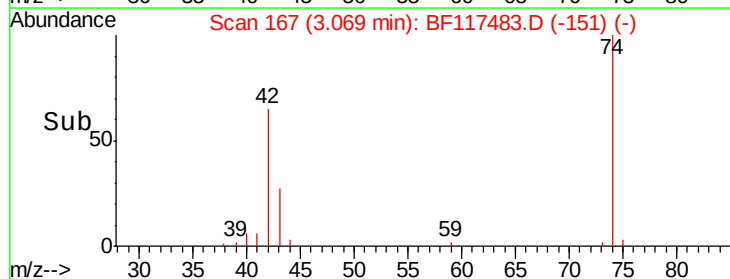
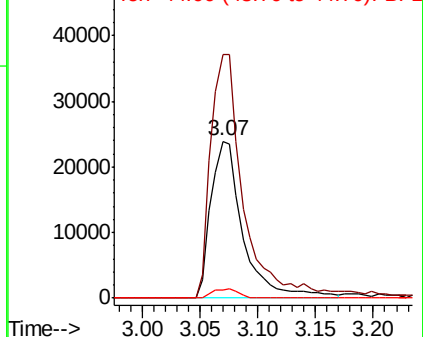
Lab File: BF117483.D

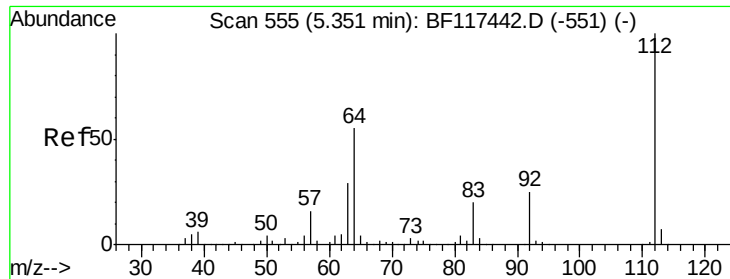
Acq: 23 Oct 2019 15:10

Tgt Ion:	42	Resp:	46459
Ion	Ratio	Lower	Upper
42	100		
74	154.9	124.2	186.4
44	5.4	4.2	6.4



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: 85.515 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

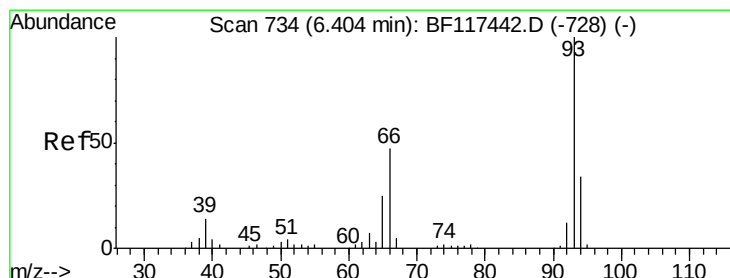
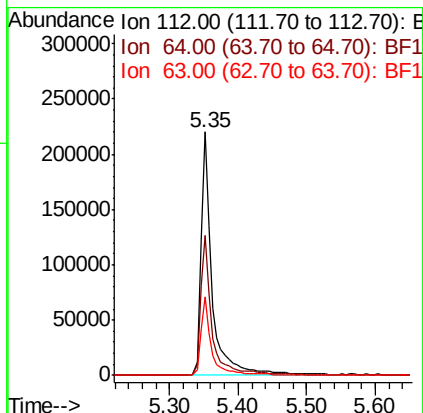
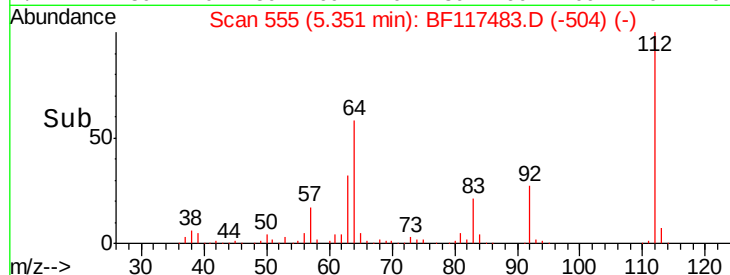
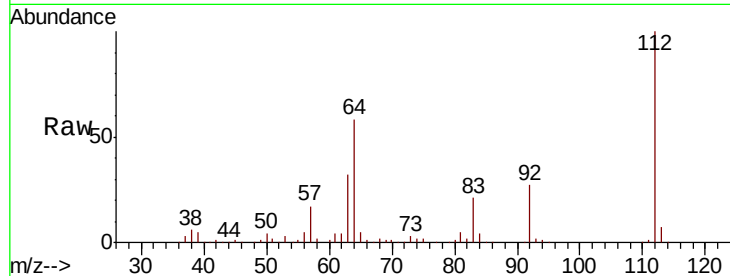
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	258310
Ion Ratio	Lower	Upper	
112	100		
64	57.6	44.1	66.1
63	32.0	23.4	35.2

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#6

Aniline

Concen: 41.961 ng

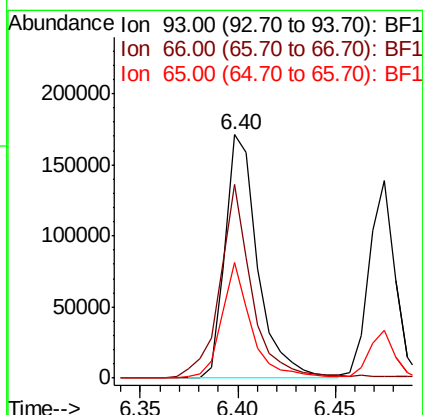
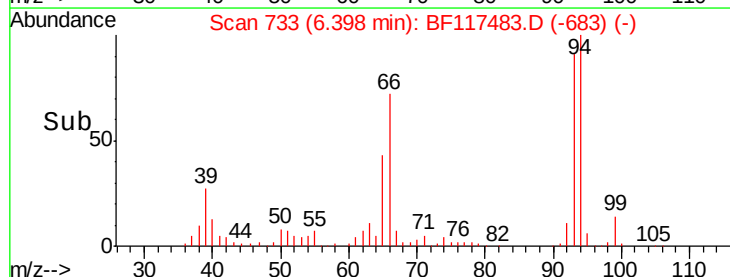
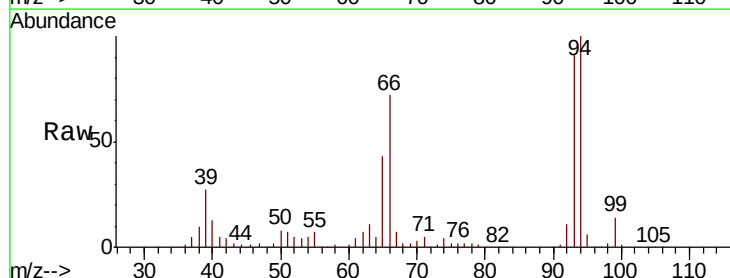
RT: 6.40 min Scan# 733

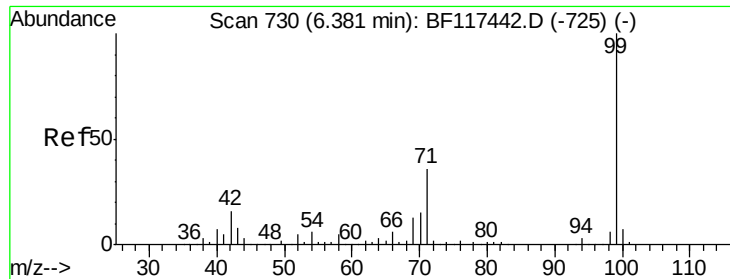
Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:	93	Resp:	199858
Ion Ratio	Lower	Upper	
93	100		
66	79.7	38.7	58.1#
65	47.5	20.1	30.1#





#7

Phenol-d6

Concen: 83.481 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

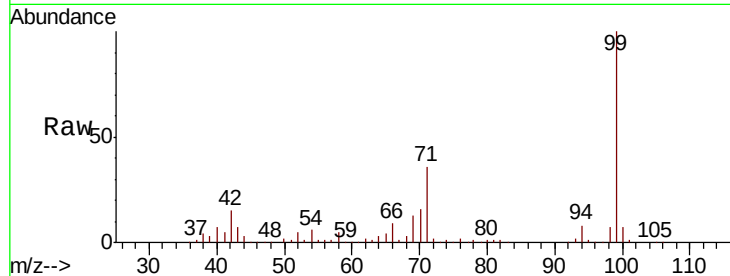
ClientSampleId :

SSTDCCC040

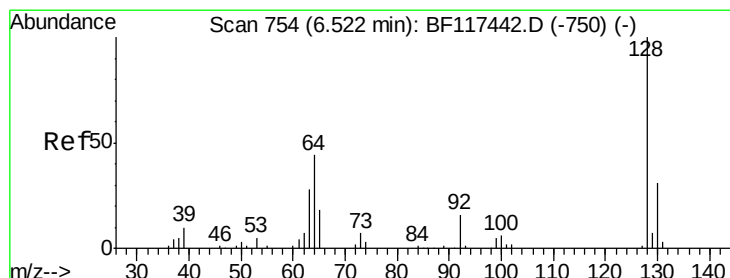
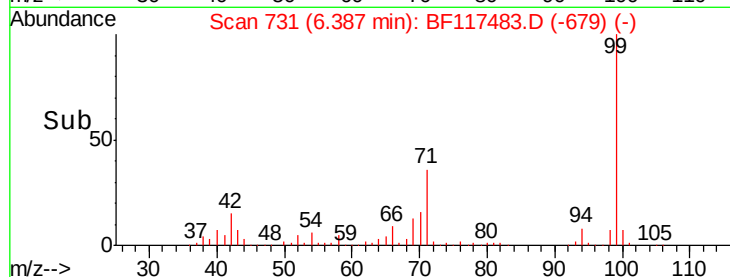
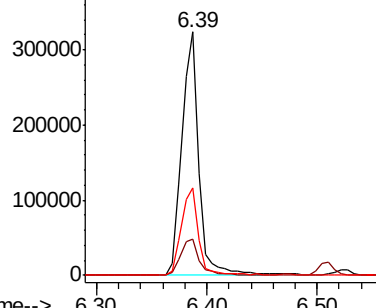
Tot Ion:	99	Resp:	338687
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.8	19.2
71	36.2	28.6	43.0

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



#8

2-Chlorophenol

Concen: 41.744 ng

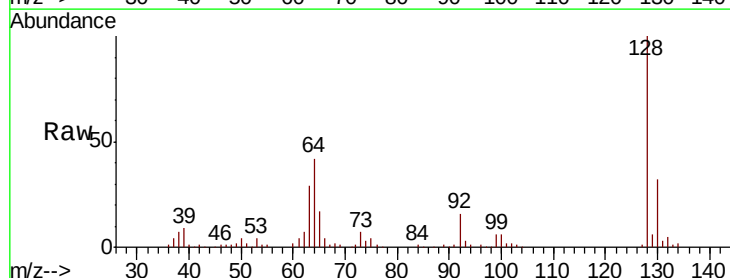
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

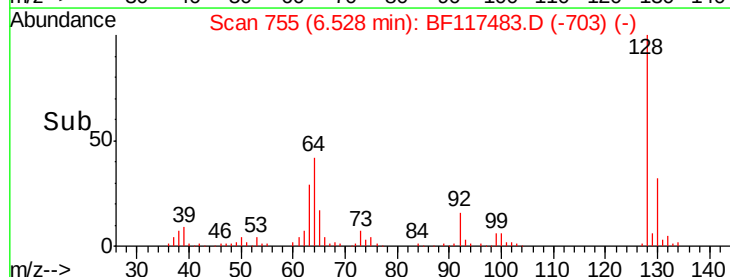
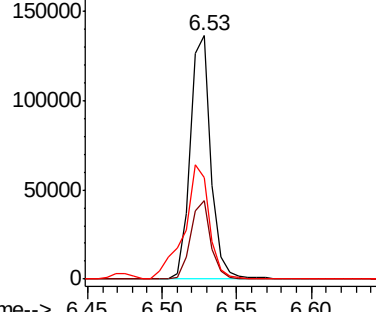
Lab File: BF117483.D

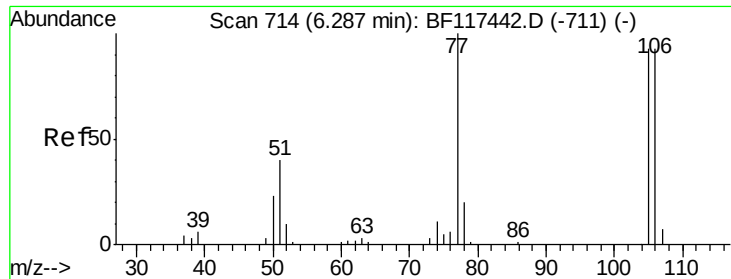
Acq: 23 Oct 2019 15:10

Tgt Ion:	128	Resp:	133056
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.1	51.1
64	41.7	27.1	67.1



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





#9

Benzaldehyde

Concen: 45.533 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 86739

Ion Ratio Lower Upper

77 100

105 95.4 73.4 113.4

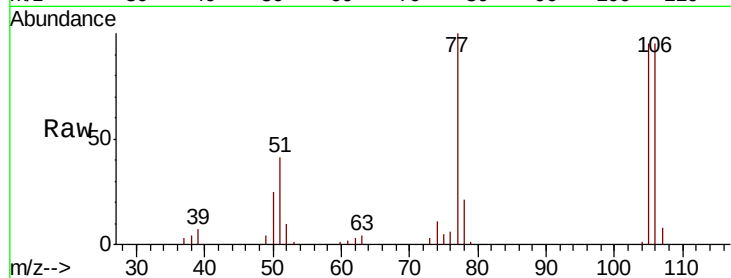
106 94.5 73.0 113.0

Manual Integrations

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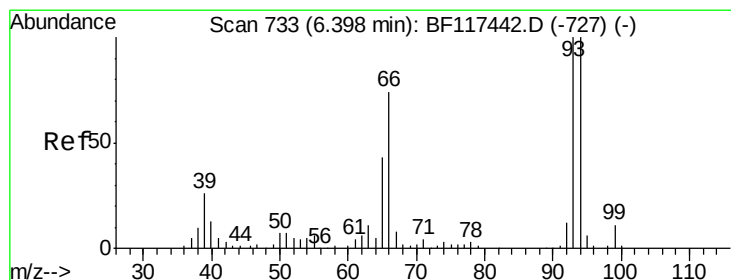
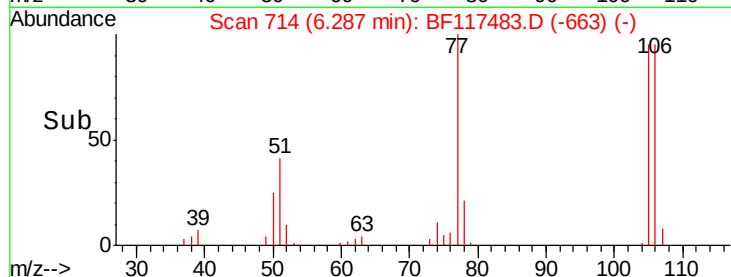
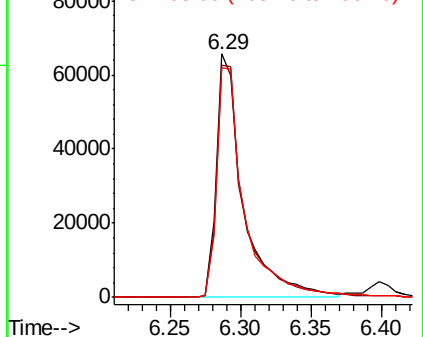
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.500 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

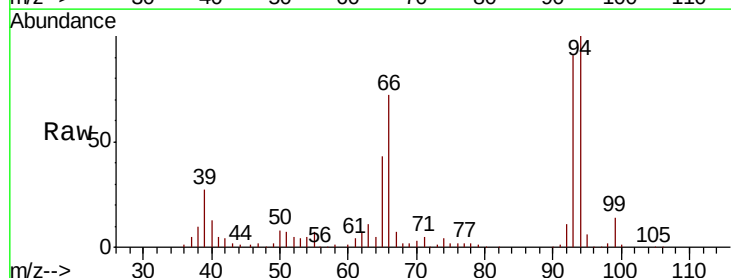
Tgt Ion: 94 Resp: 171841

Ion Ratio Lower Upper

94 100

65 43.0 23.4 63.4

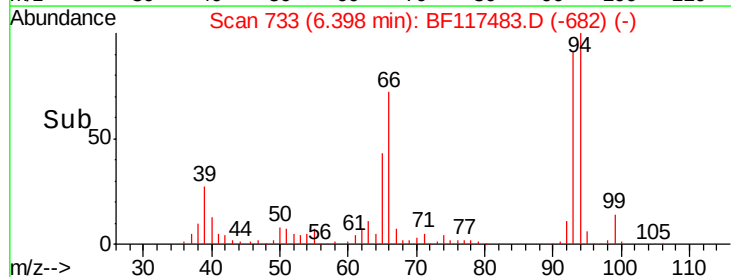
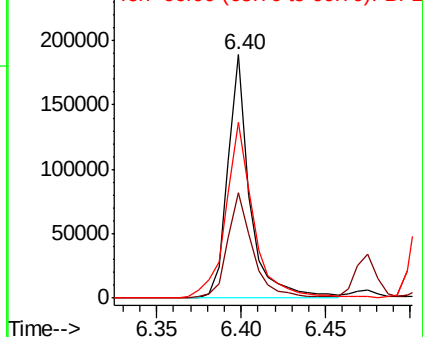
66 72.2 54.7 94.7

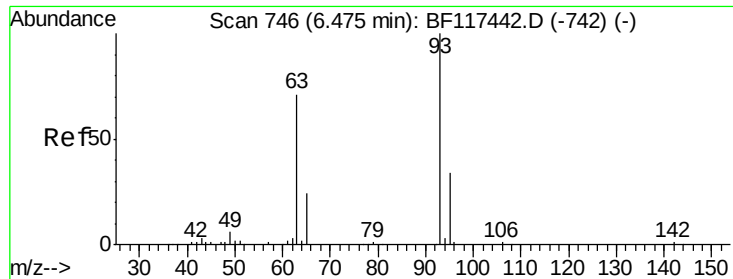


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





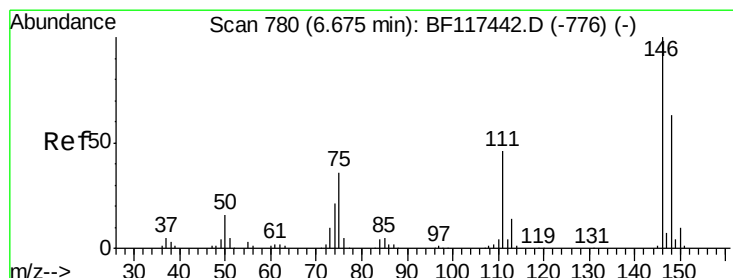
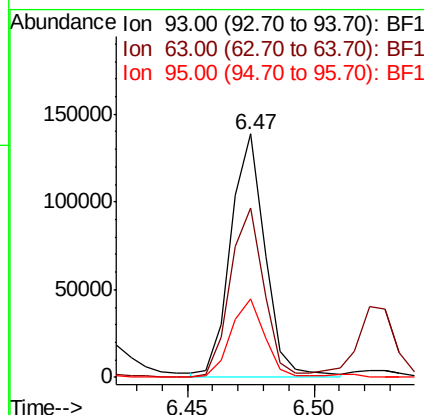
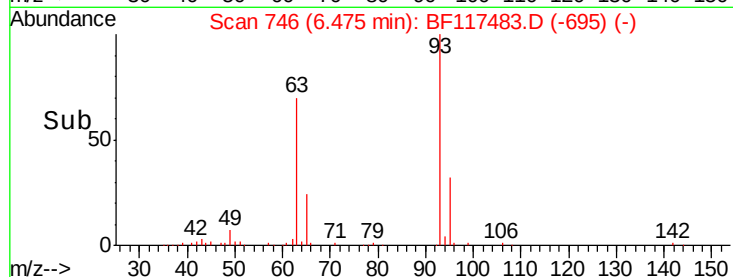
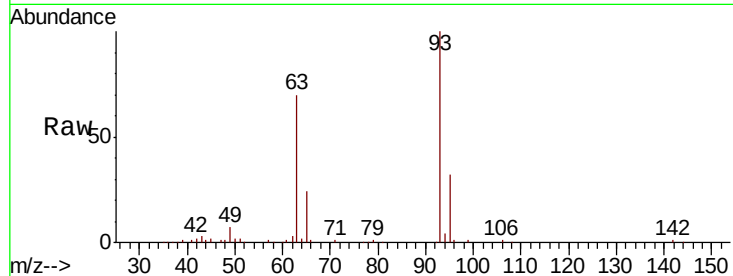
#11
bis(2-Chloroethyl)ether
Concen: 42.816 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	131136
Ion Ratio	Lower	Upper	
93	100		
63	69.7	50.2	90.2
95	32.0	13.9	53.9

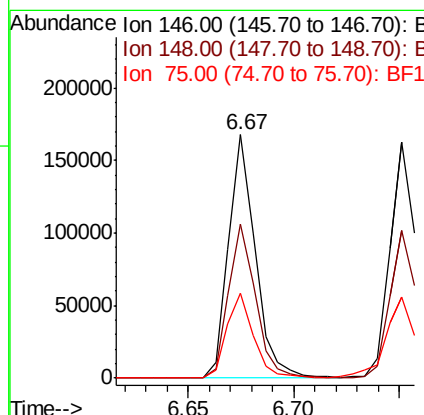
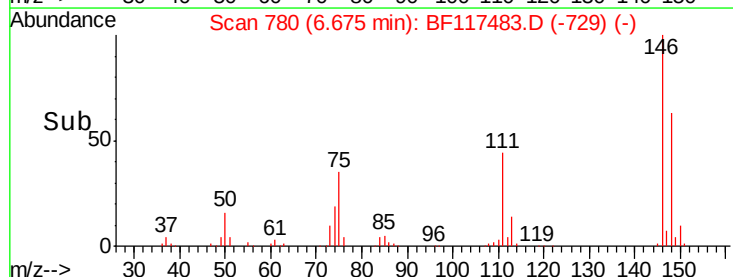
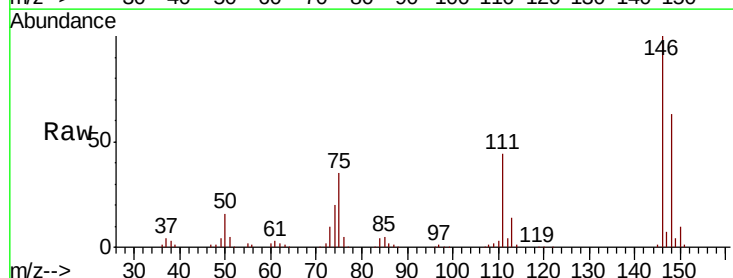
Manual Integrations
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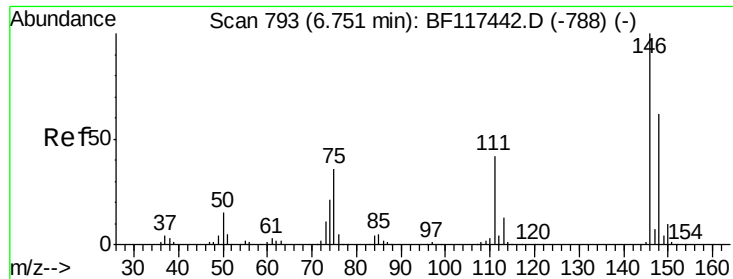
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.342 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion:	146	Resp:	147051
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
75	34.7	28.6	43.0





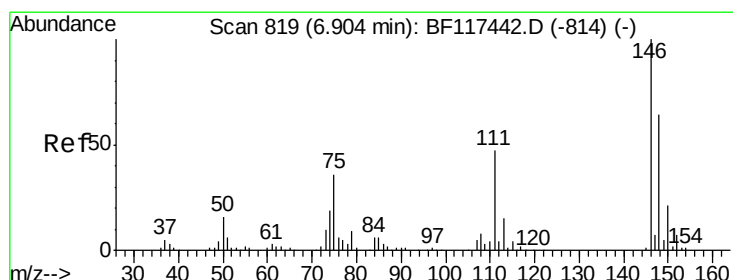
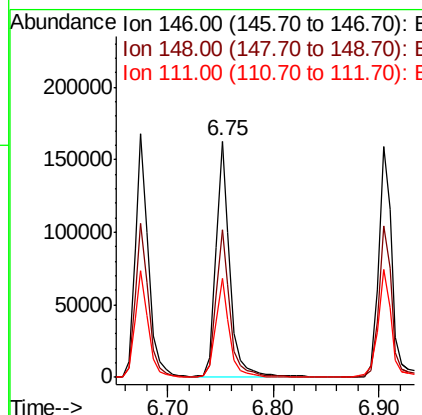
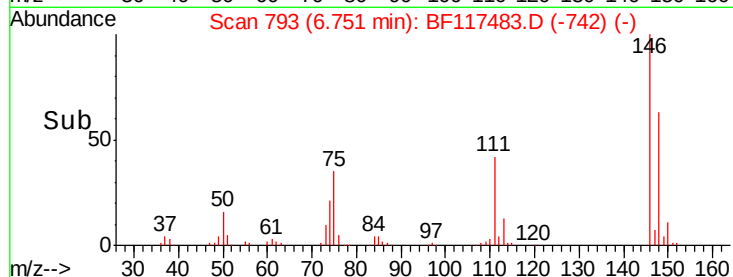
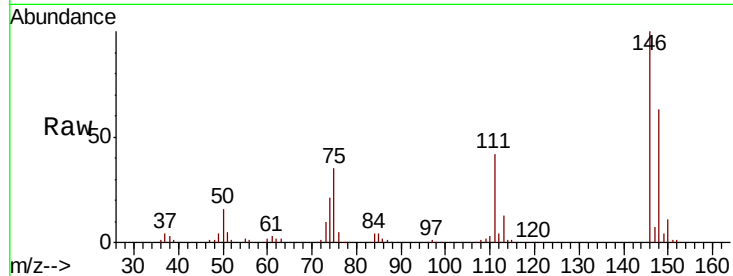
#13
 1,4-Dichlorobenzene
 Concen: 42.683 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.3	73.9
111	41.9	33.6	50.4

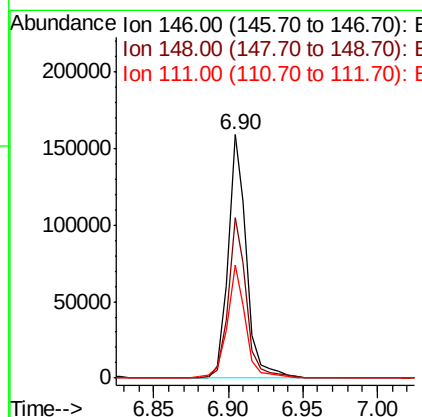
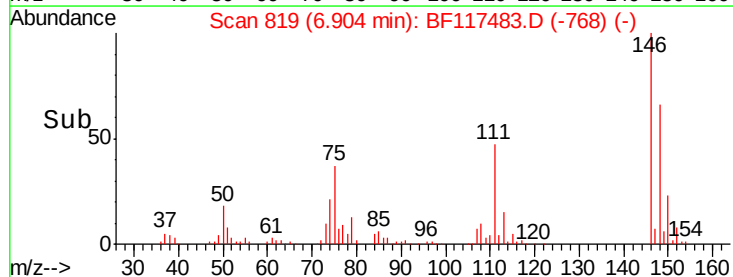
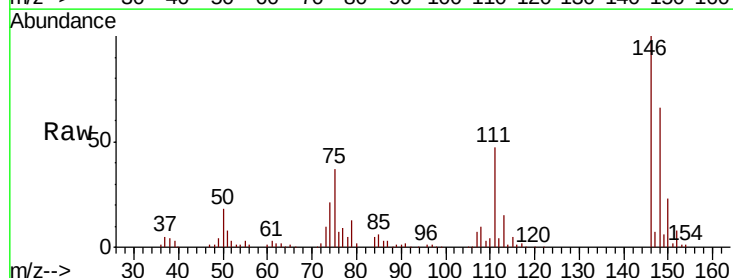
Manual Integrations
 APPROVED

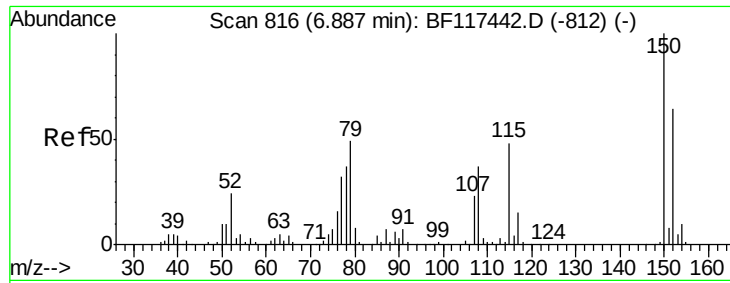
mohammad
 10/24/2019 2:10:47 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.171 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
111	46.5	37.7	56.5





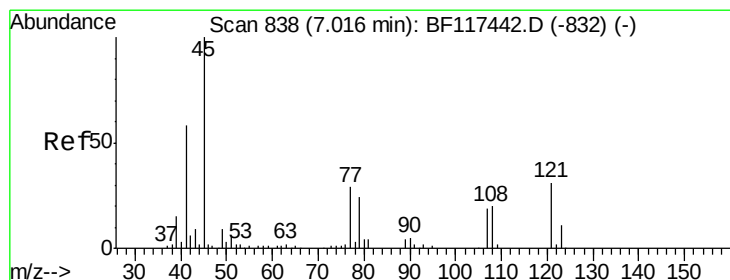
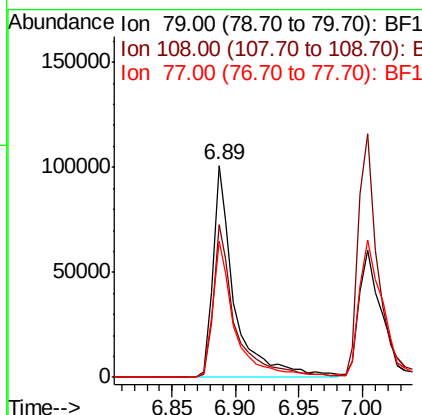
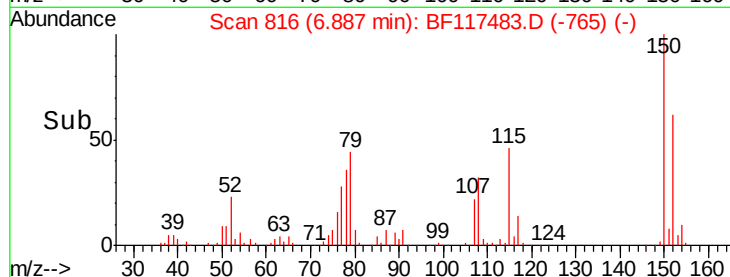
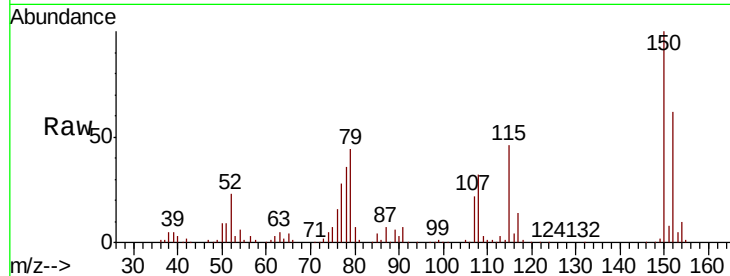
#15
Benzyl Alcohol
Concen: 41.639 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.0	59.8	89.8
77	64.4	51.4	77.0

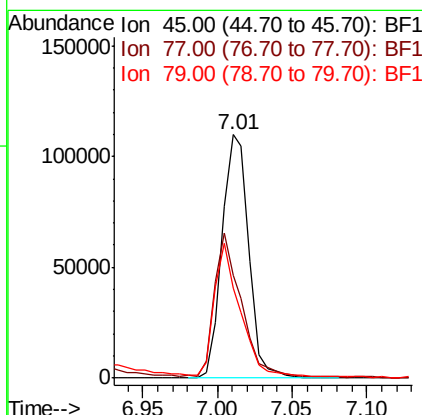
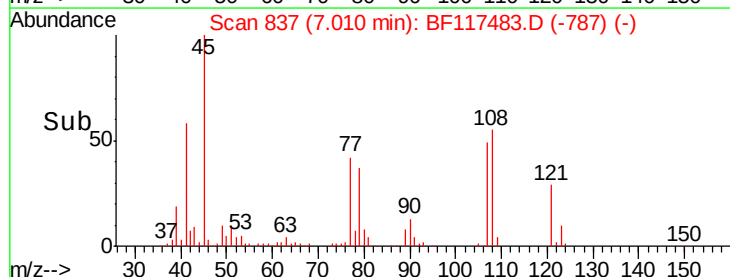
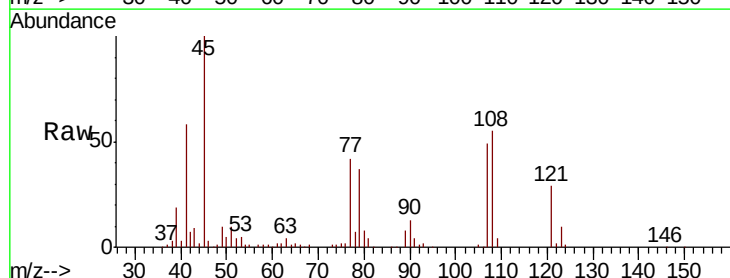
Manual Integrations
APPROVED

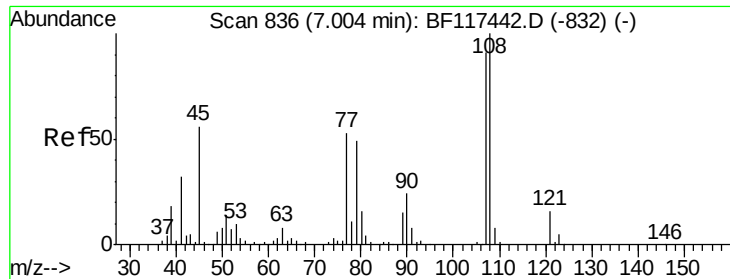
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.029 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.2	9.9	49.9
79	36.8	5.5	45.5





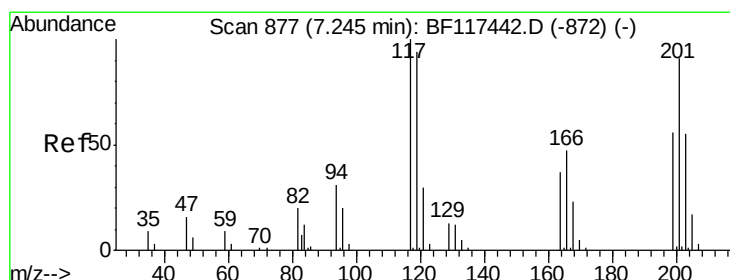
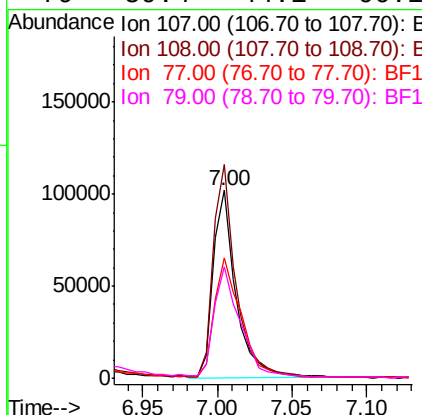
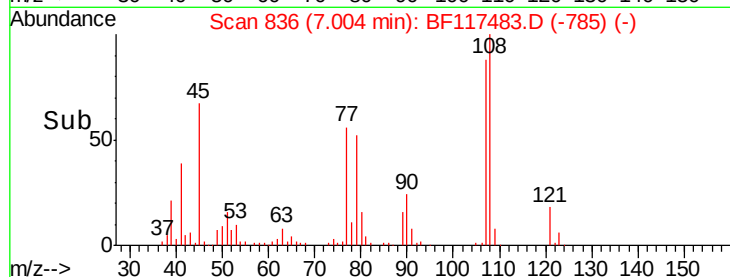
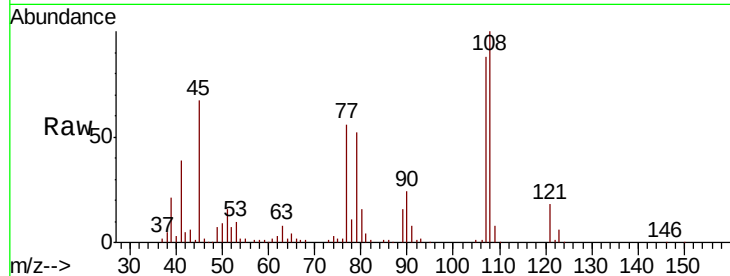
#17
2-Methylphenol
Concen: 40.907 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	88.0	132.0	
77	64.0	47.2	70.8	
79	59.4	44.1	66.1	

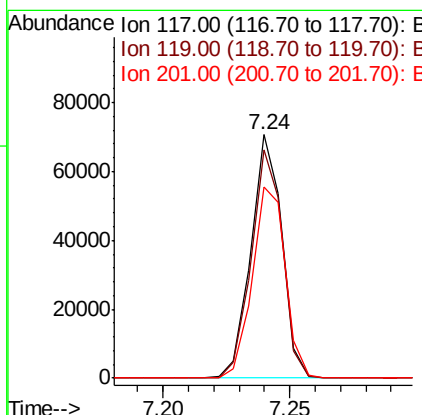
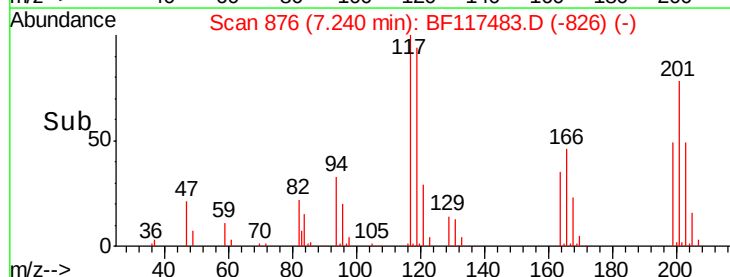
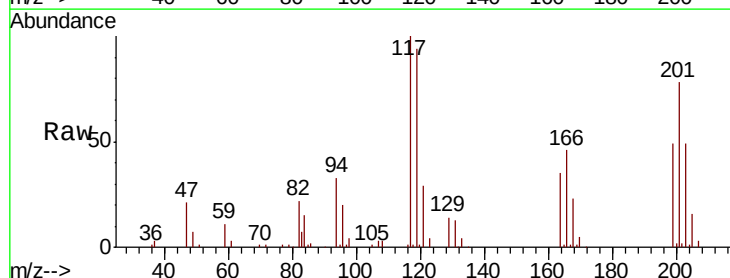
Manual Integrations
APPROVED

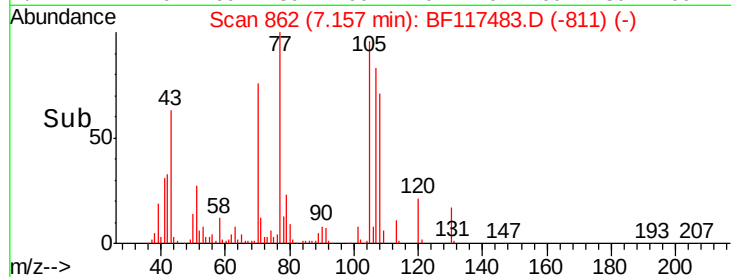
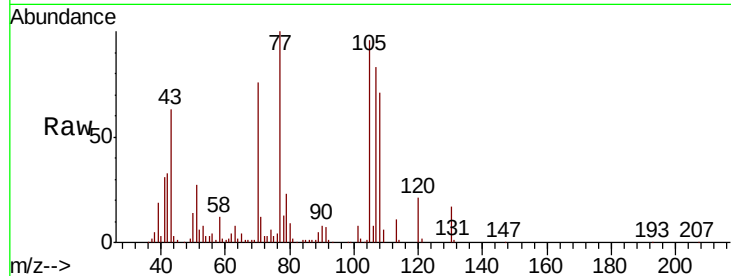
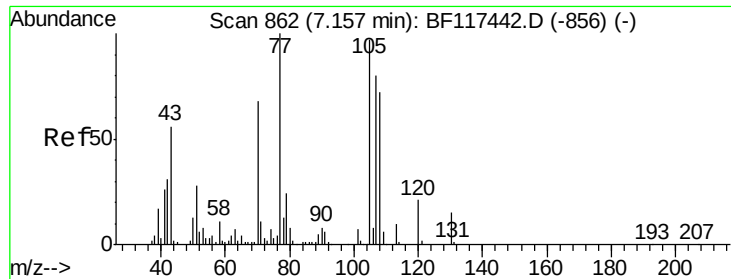
mohammad
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#18
Hexachloroethane
Concen: 42.575 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	75.4	113.0	
201	78.3	72.5	108.7	





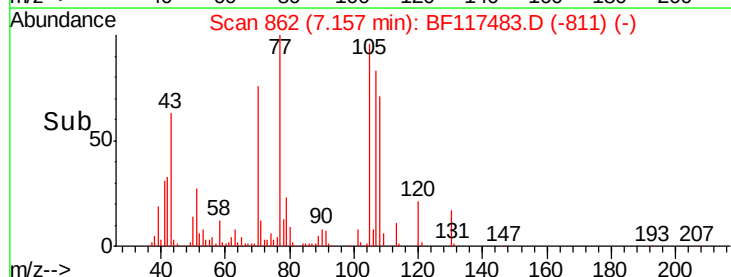
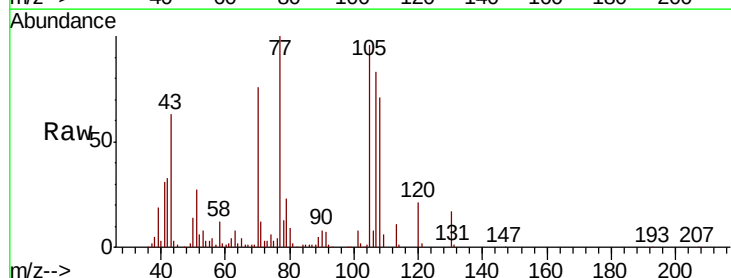
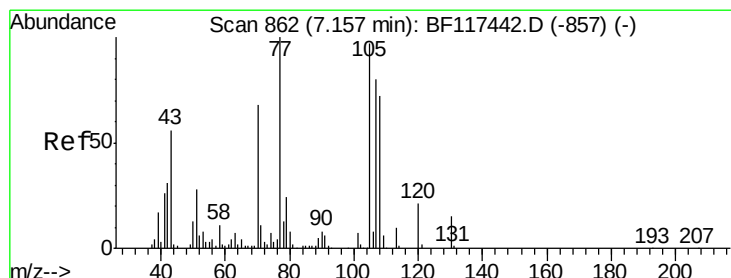
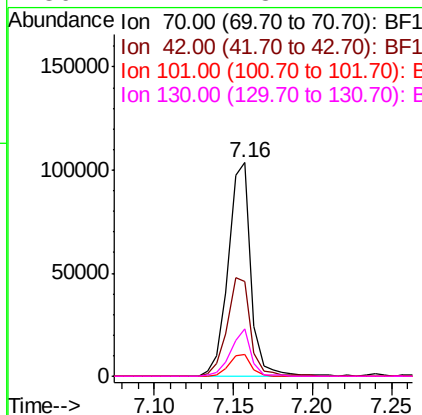
#19
n-Nitroso-di-n-propylamine
Concen: 41.392 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	44.3		36.7	55.1
101	10.0		8.3	12.5
130	22.2		18.1	27.1

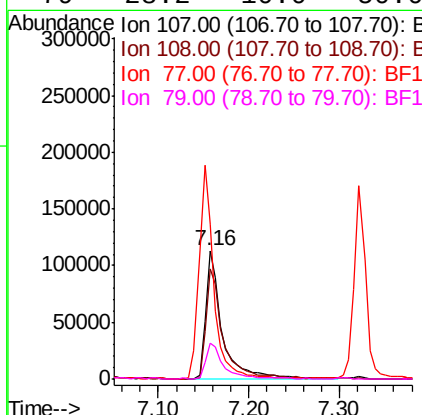
Manual Integrations
APPROVED

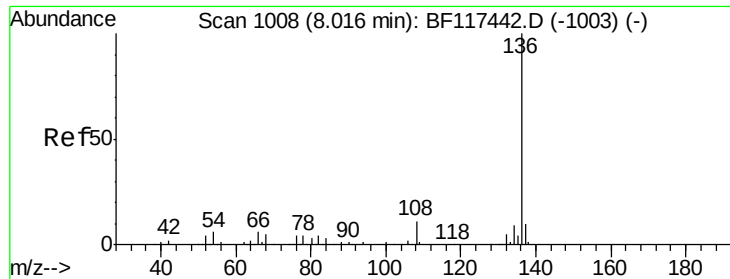
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#20
3+4-Methylphenols
Concen: 42.456 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	86.1		70.3	110.3
77	121.2		104.8	144.8
79	28.2		10.0	50.0





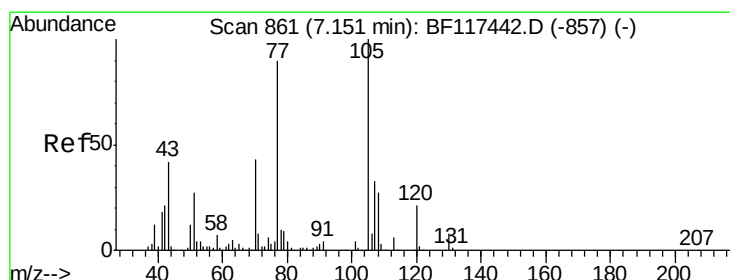
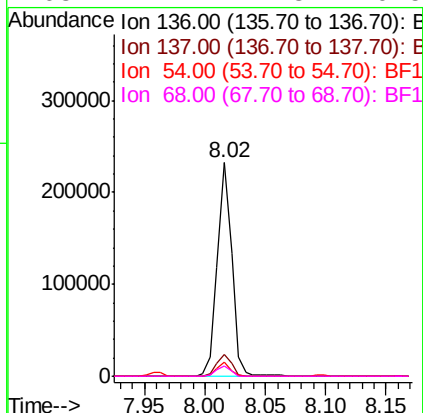
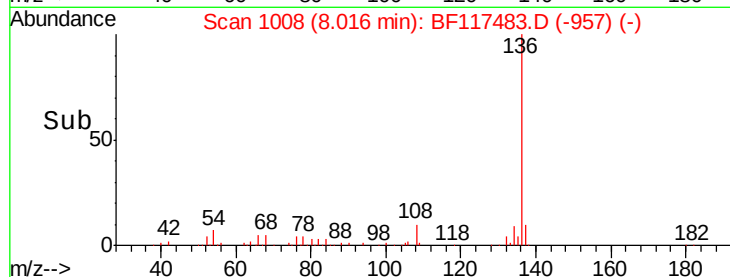
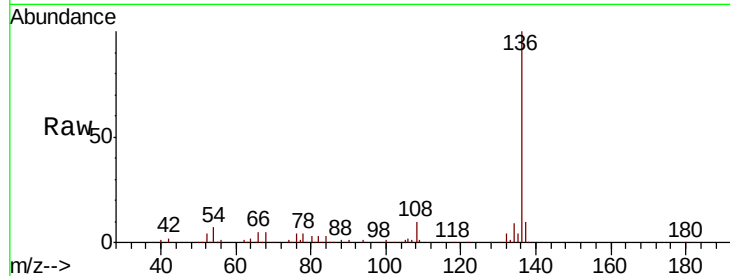
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		191055		
137	10.5	8.2	12.4		
54	6.7	4.5	6.7		
68	4.7	4.3	6.5		

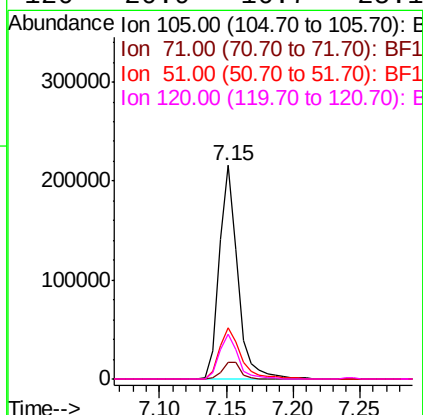
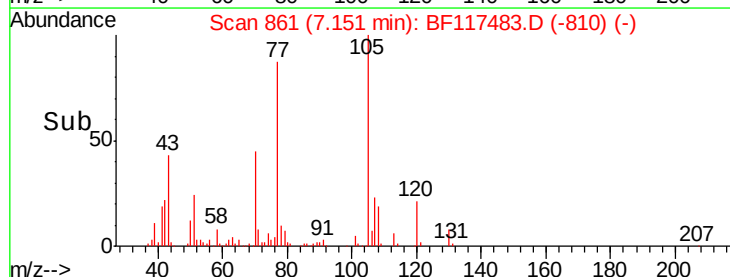
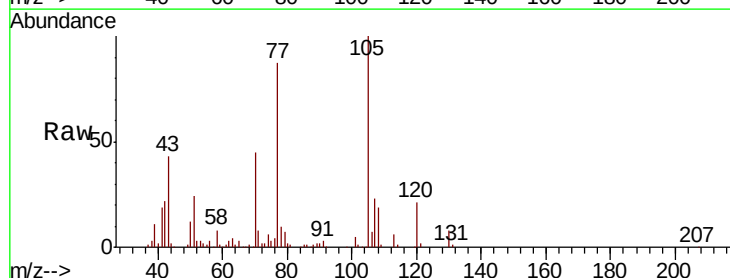
Manual Integrations
APPROVED

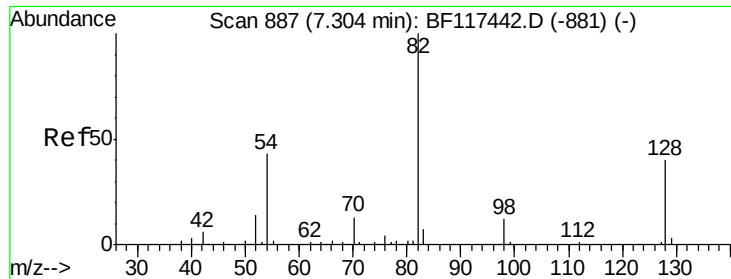
mohammad
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#22
Acetophenone
Concen: 41.641 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		211254		
71	7.6	6.2	9.2		
51	23.8	21.8	32.6		
120	20.9	16.7	25.1		





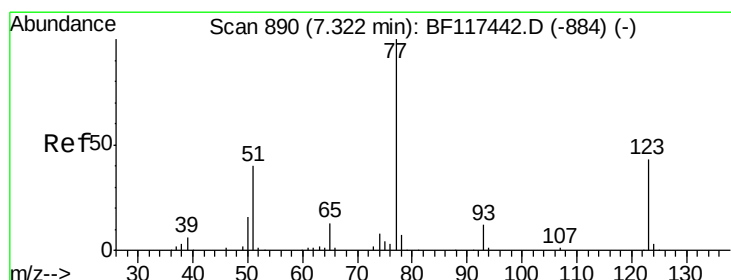
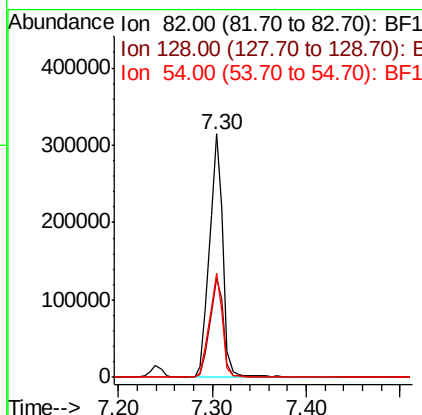
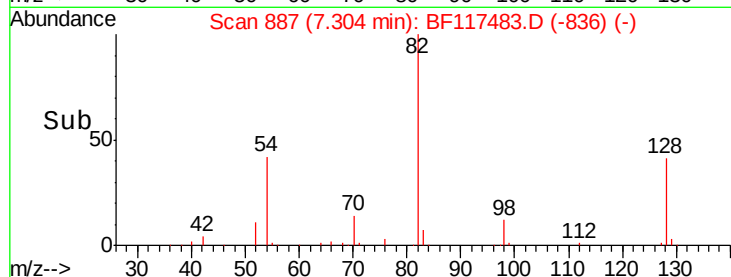
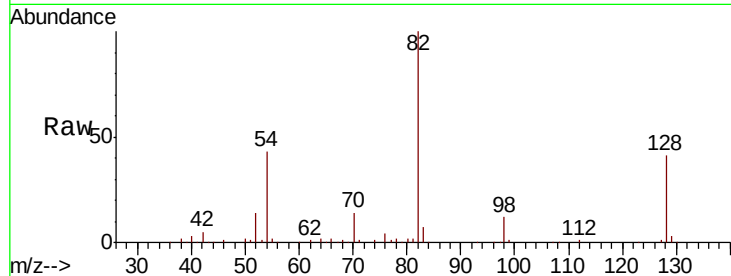
#23
Nitrobenzene-d5
Concen: 82.691 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	32.2	48.2	
54	42.7	34.2	51.2	

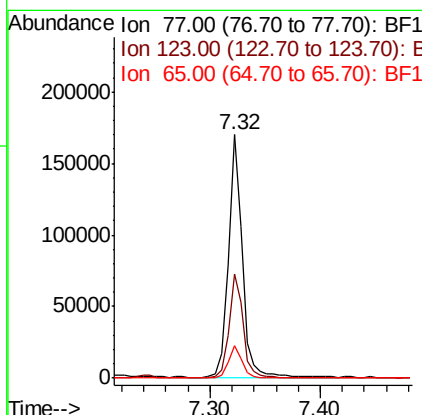
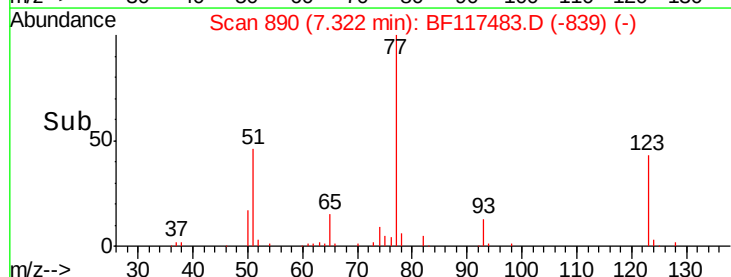
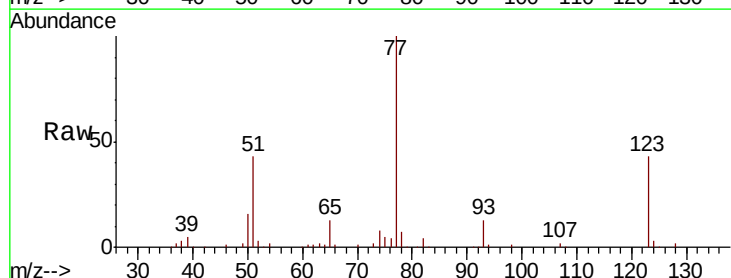
Manual Integrations
APPROVED

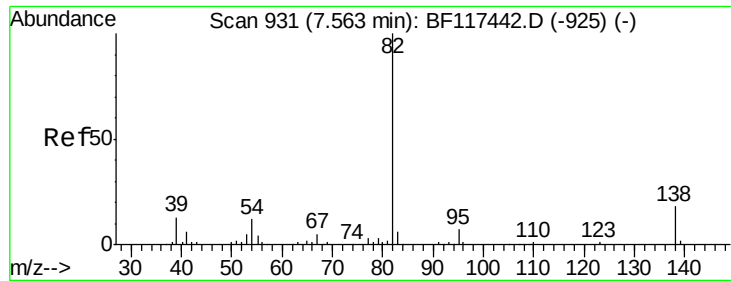
mohammad
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#24
Nitrobenzene
Concen: 40.040 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.7	34.2	51.2	
65	13.4	10.3	15.5	





#25

Isophorone

Concen: 40.837 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

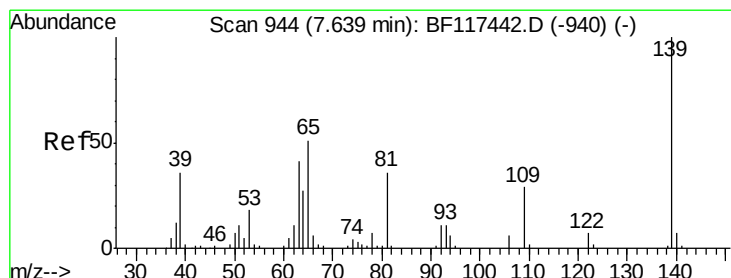
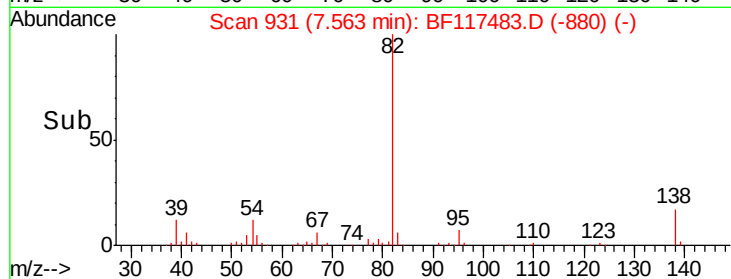
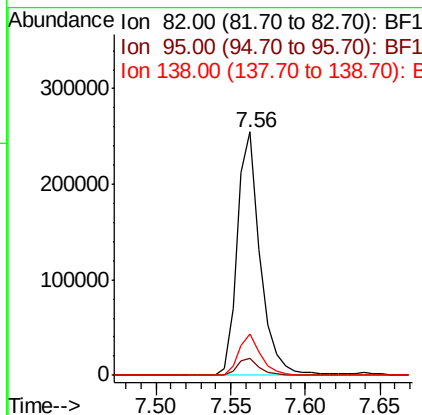
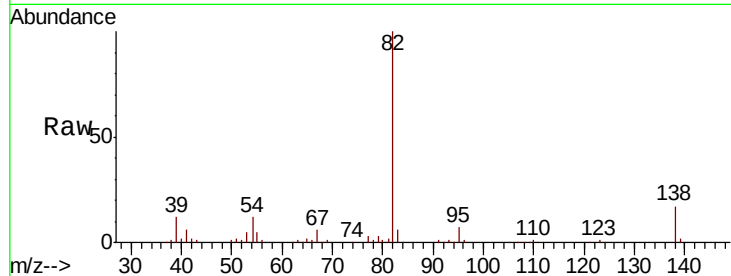
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	273399
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	17.2	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.970 ng

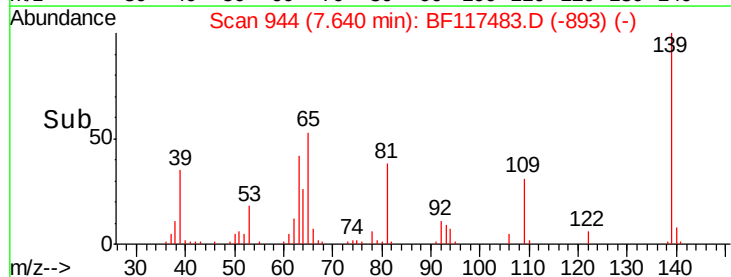
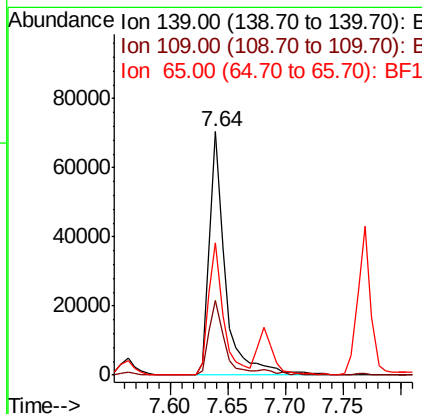
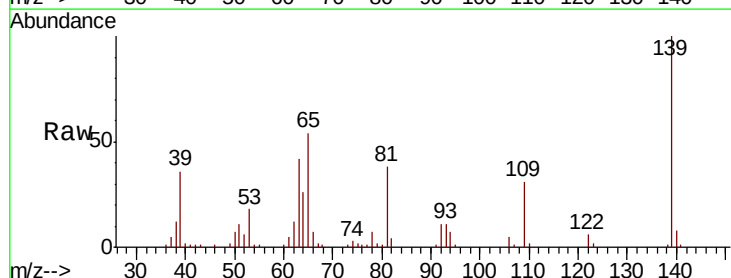
RT: 7.64 min Scan# 944

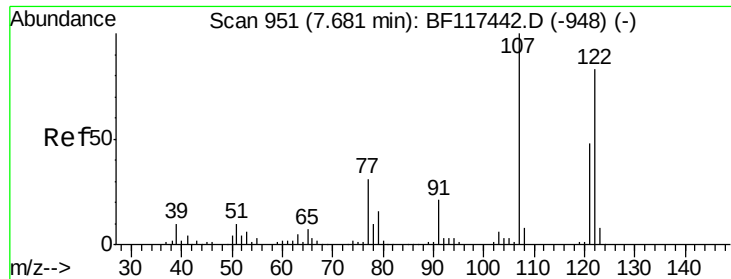
Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:	139	Resp:	67731
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.2	34.8
65	54.4	41.1	61.7





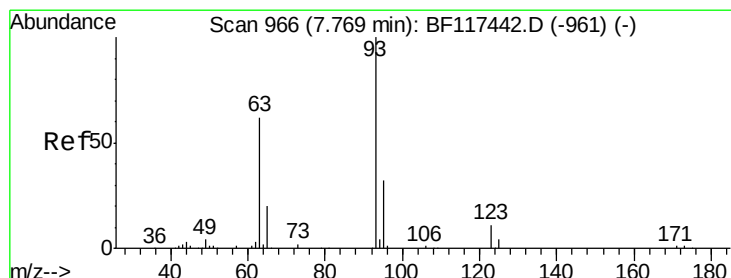
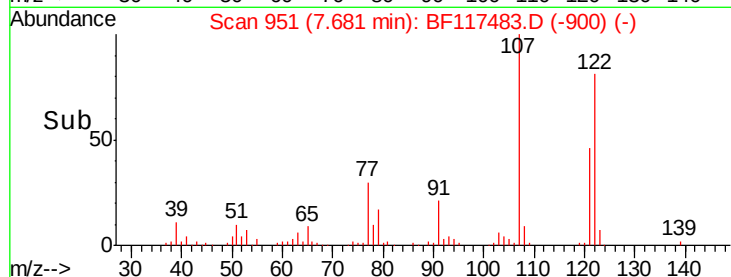
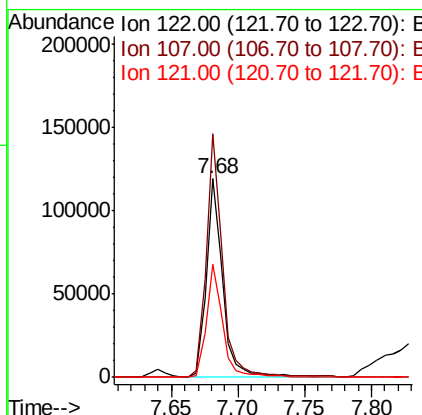
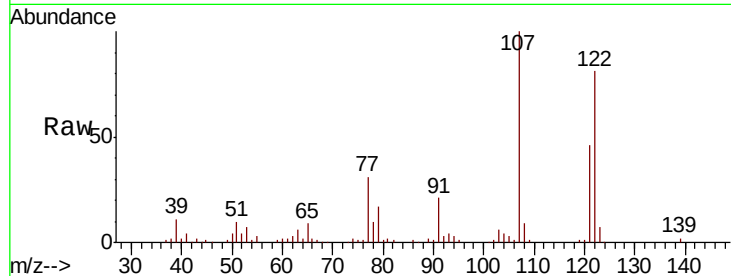
#27
 2,4-Dimethylphenol
 Concen: 40.482 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	100018		
107	122.7		96.8	145.2
121	56.8		46.4	69.6

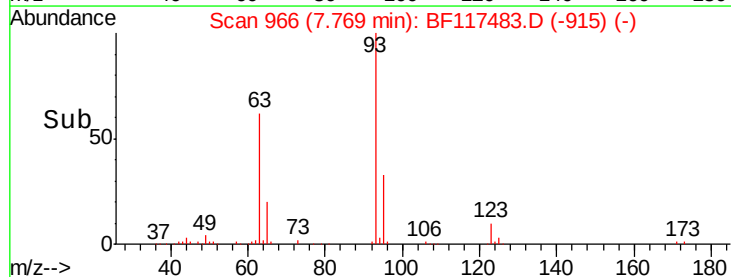
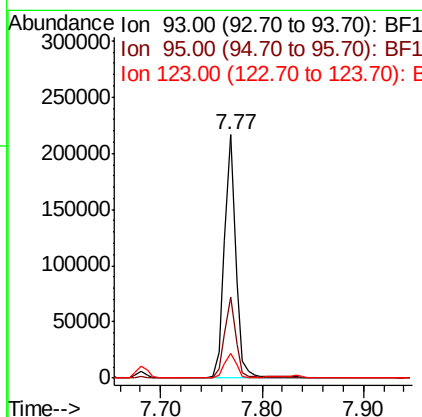
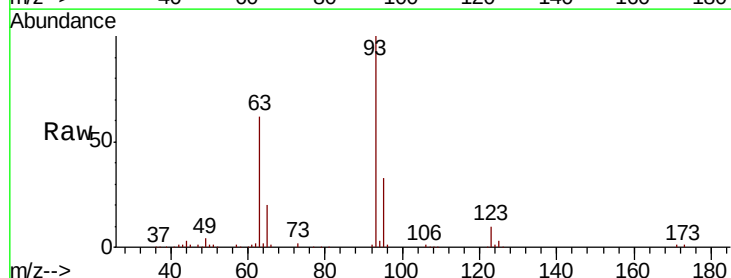
Manual Integrations
 APPROVED

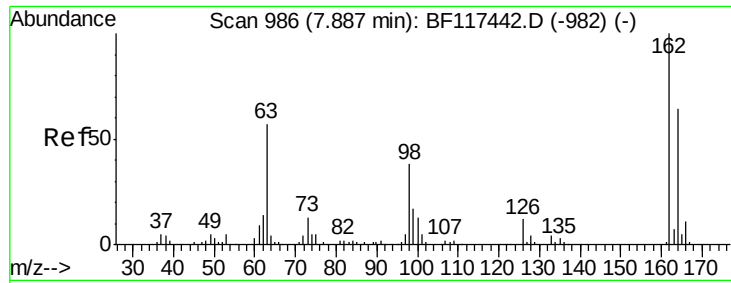
mohammad
 10/24/2019 2:10:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.371 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	170906		
95	33.3		25.5	38.3
123	10.3		9.0	13.6





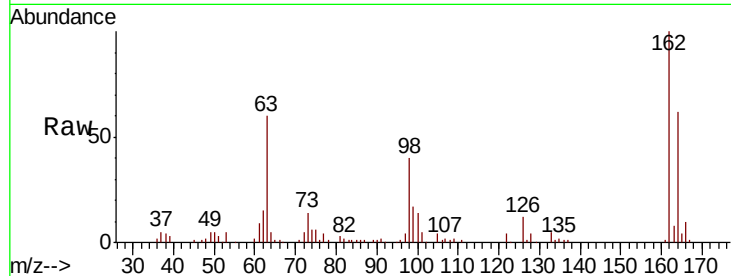
#29
2,4-Dichlorophenol
Concen: 41.954 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	108721		
164	62.4		44.4	84.4
98	39.9		18.2	58.2

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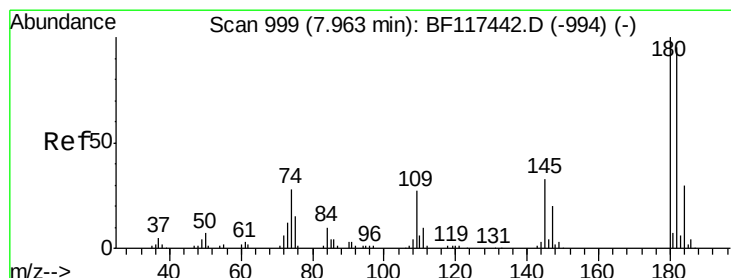
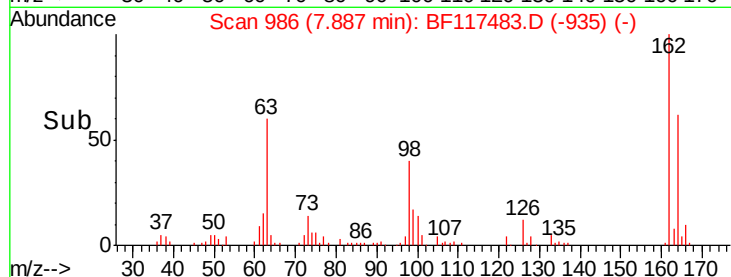
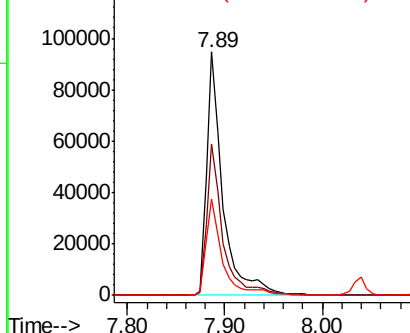


Abundance

Ion 162.00 (161.70 to 162.70): E

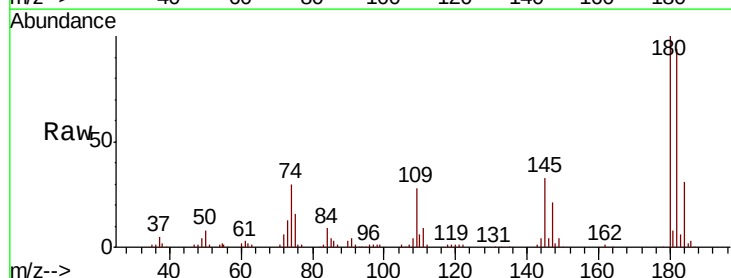
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.588 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112872		
182	93.7		75.8	113.8
145	33.0		26.5	39.7

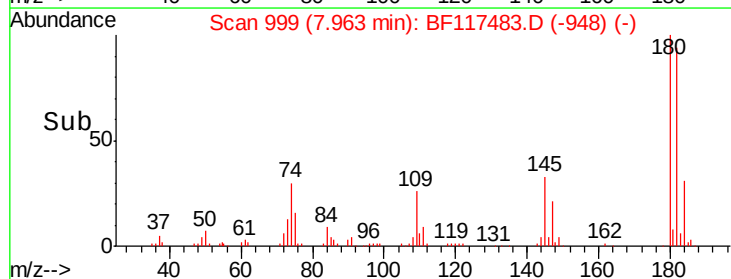
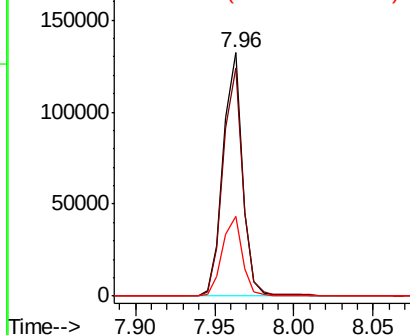


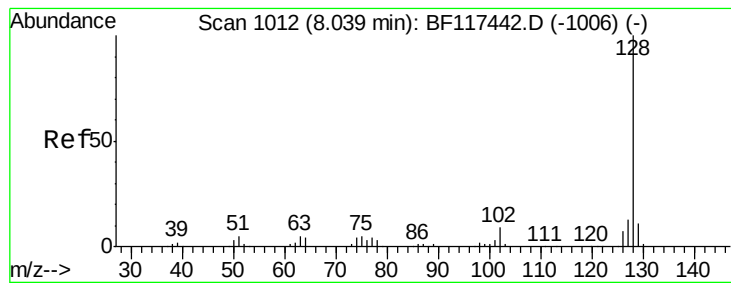
Abundance

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: 41.715 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

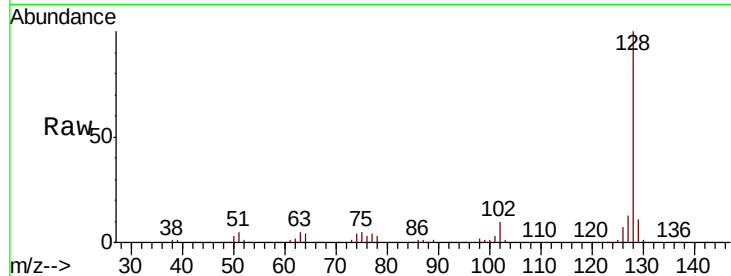
ClientSampleId :

SSTDCCC040

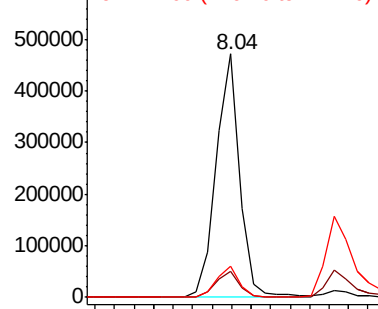
Tot Ion:	128	Resp:	395038
Ion Ratio		Lower	Upper
128	100		
129	10.5	9.0	13.4
127	12.8	10.2	15.2

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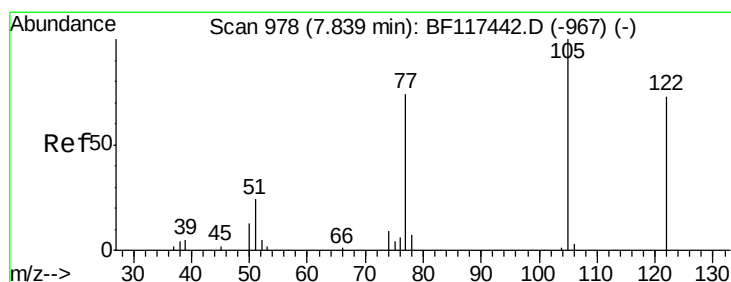
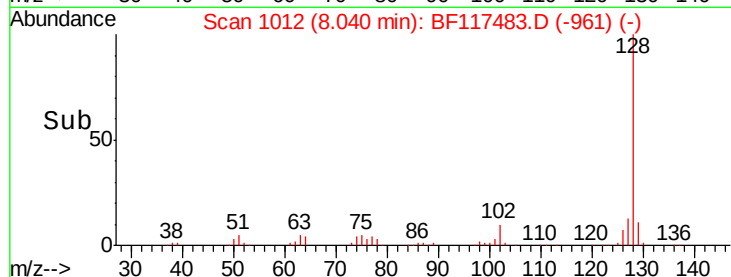
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 38.927 ng m

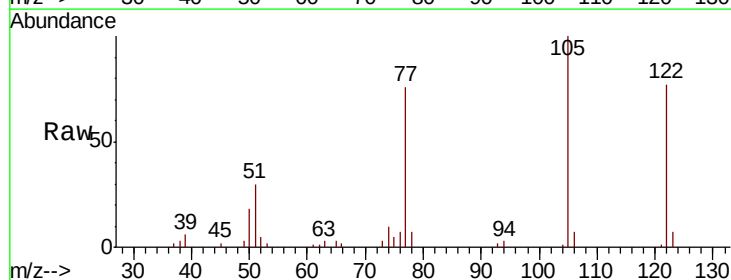
RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

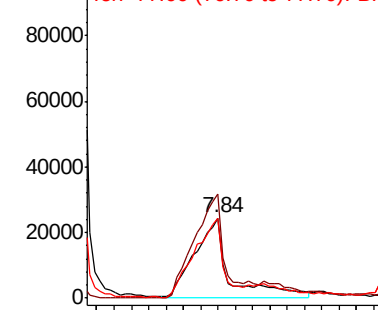
Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

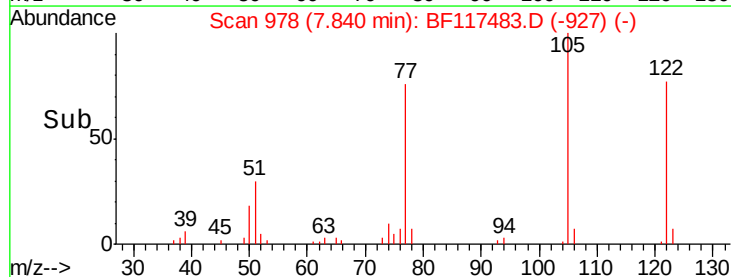
Tgt Ion:	122	Resp:	65874
Ion Ratio		Lower	Upper
122	100		
105	130.3	115.0	155.0
77	99.3	79.7	119.7

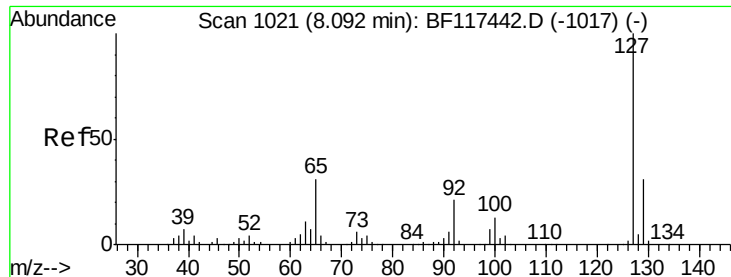


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



Time-->





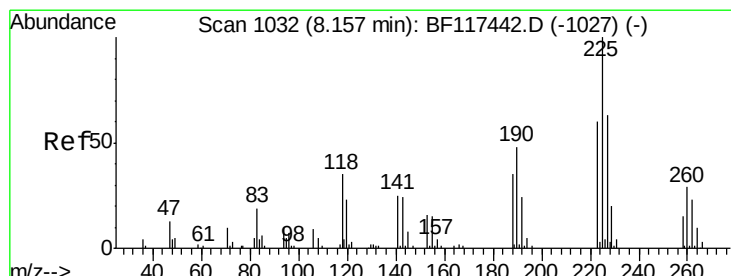
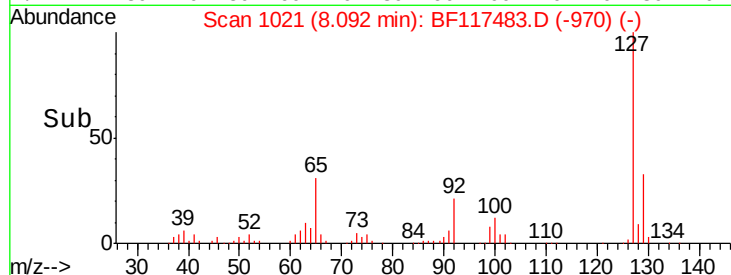
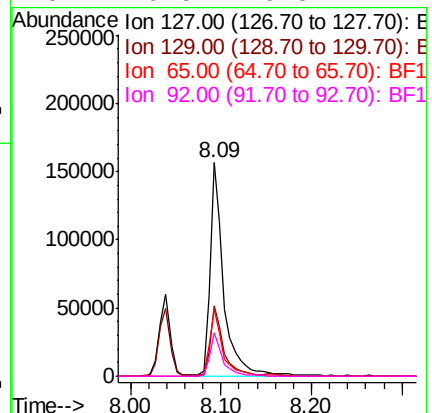
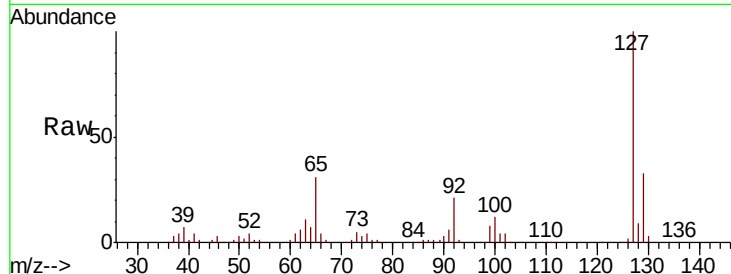
#33
4-Chloroaniline
Concen: 41.518 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	165932		
129	33.0	24.8	37.2	
65	31.4	24.6	37.0	
92	20.5	16.5	24.7	

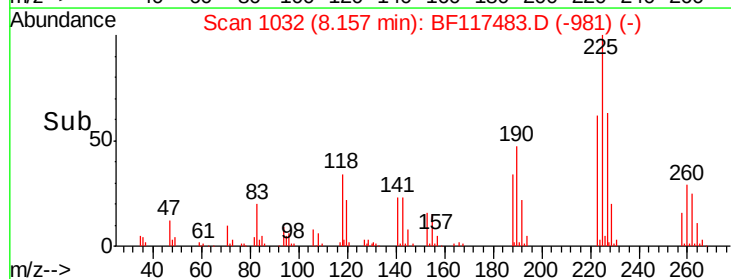
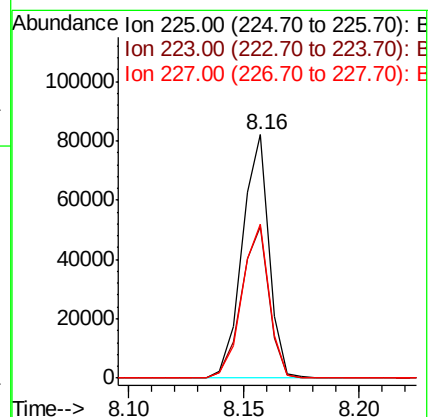
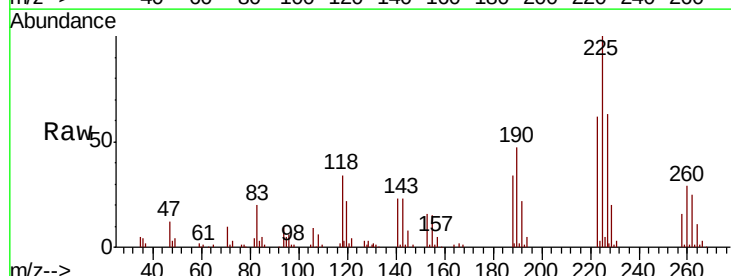
Manual Integrations
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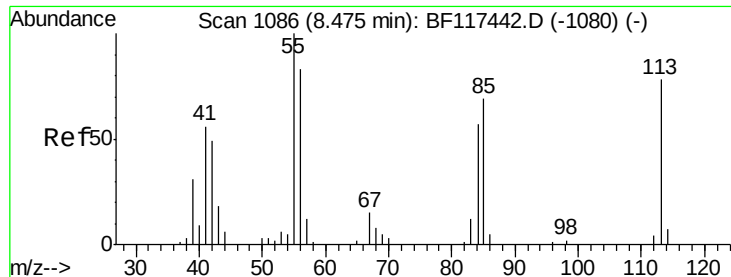
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#34
Hexachlorobutadiene
Concen: 41.164 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66258		
223	62.0	48.2	72.4	
227	63.3	50.2	75.4	





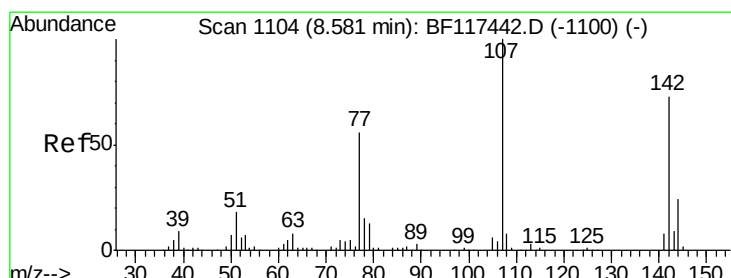
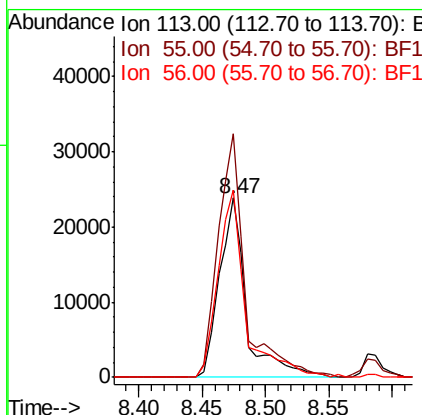
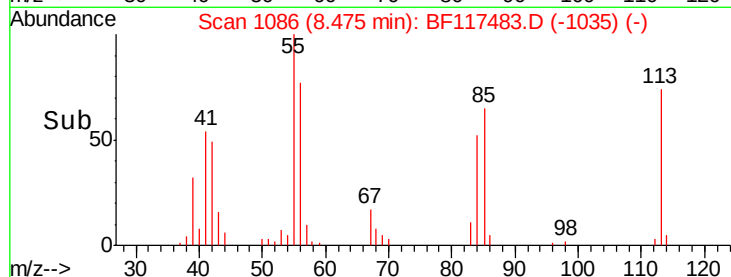
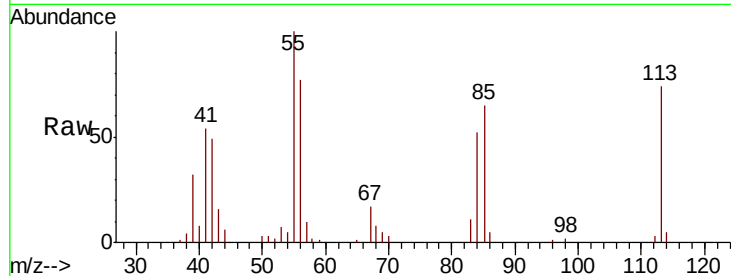
#35
 Caprolactam
 Concen: 41.956 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 34927
 Ion Ratio Lower Upper
 113 100
 55 135.9 108.8 148.8
 56 104.3 87.2 127.2

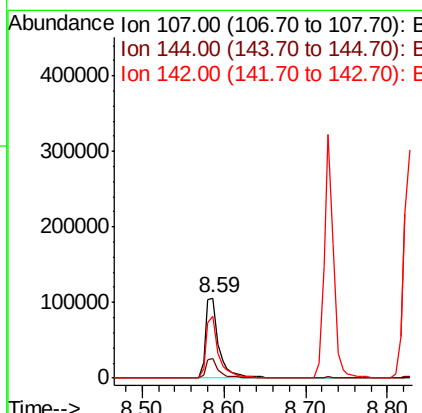
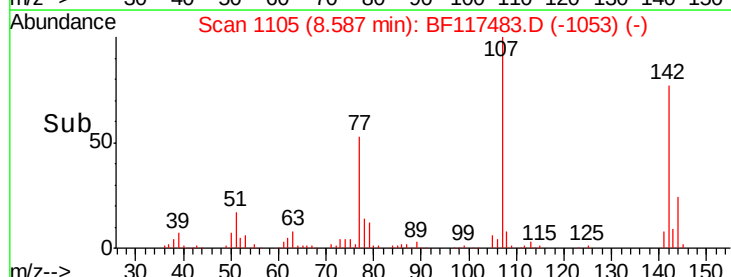
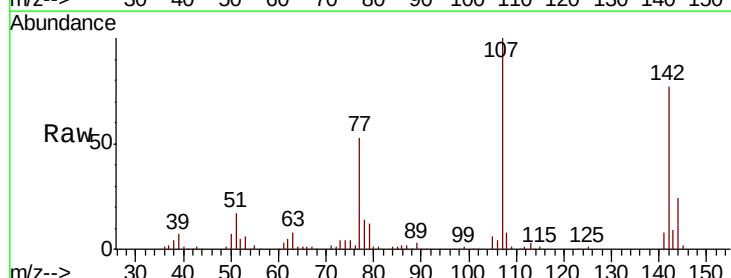
Manual Integrations
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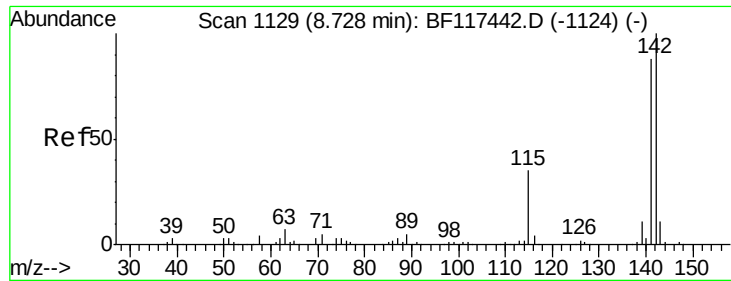
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.936 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:107 Resp: 120984
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.9 28.3
 142 77.2 58.6 88.0





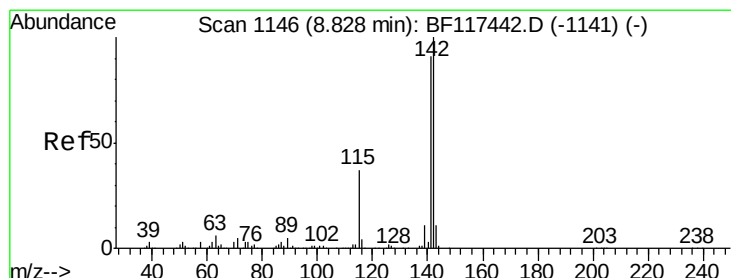
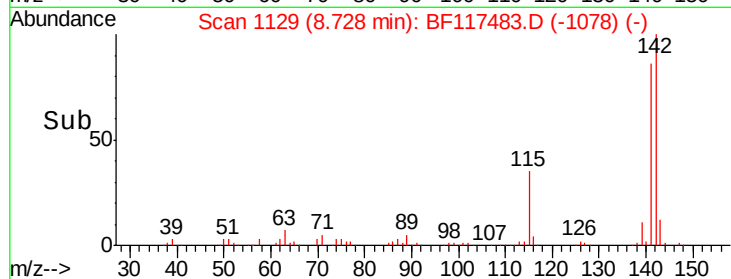
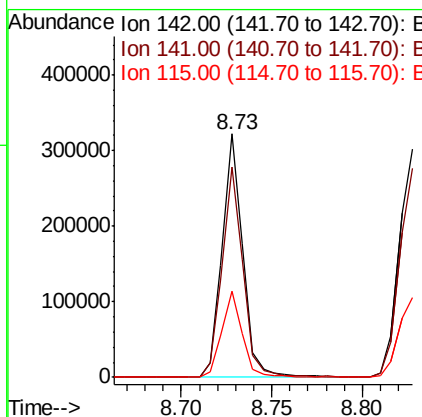
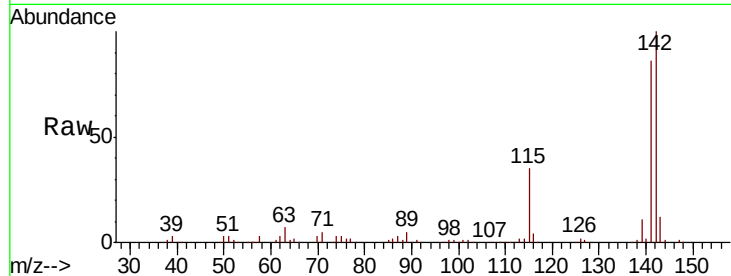
#37
2-Methylnaphthalene
Concen: 40.378 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.3	105.5
115	35.4	28.2	42.2

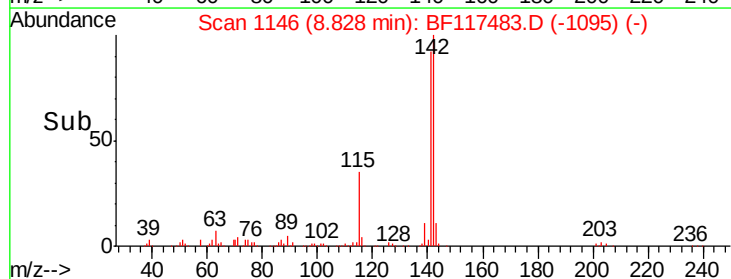
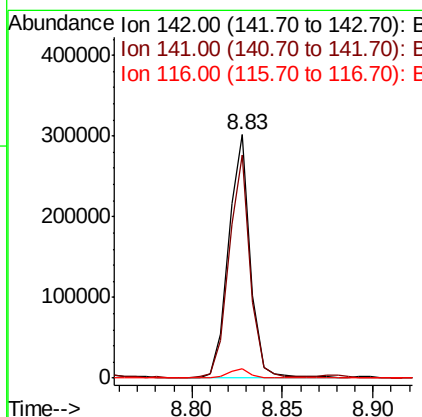
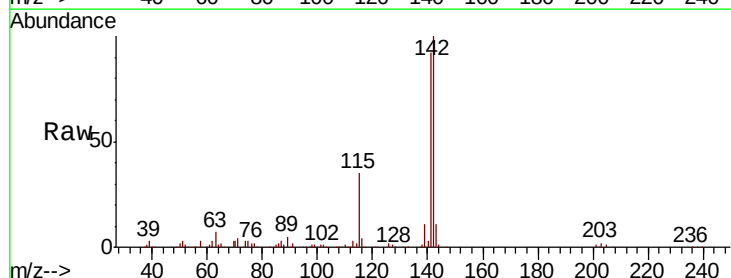
Manual Integrations
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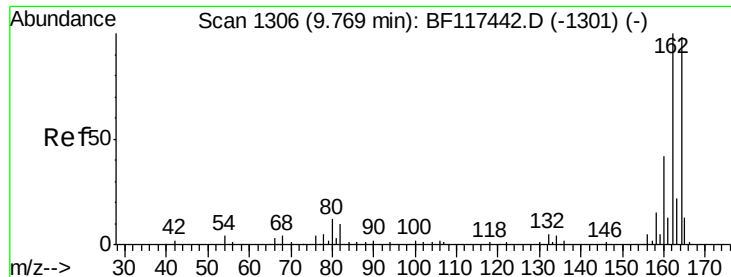
mohammad
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#38
1-Methylnaphthalene
Concen: 40.993 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9
116	3.8	3.1	4.7





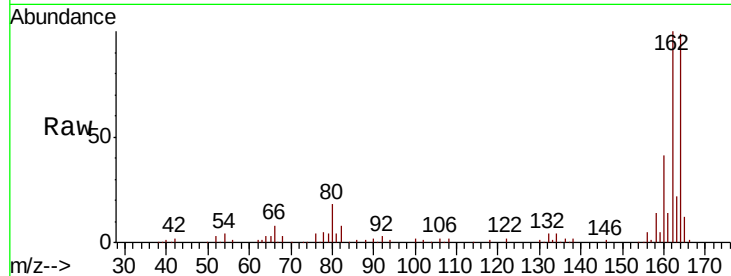
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	41.8	34.4	51.6

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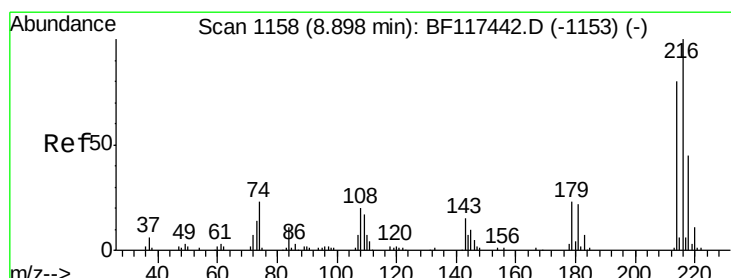
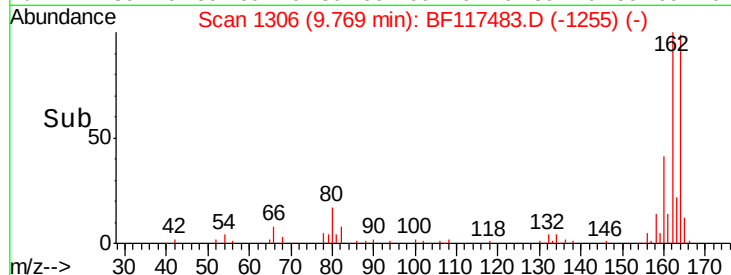
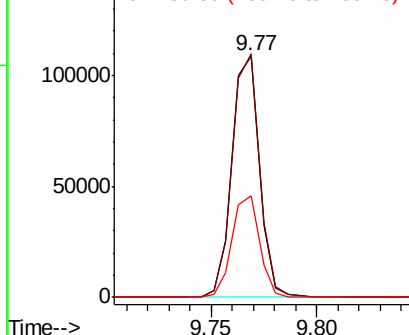


Abundance

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: 41.406 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.4	93.6
179	23.1	18.1	27.1
108	22.1	16.6	24.8

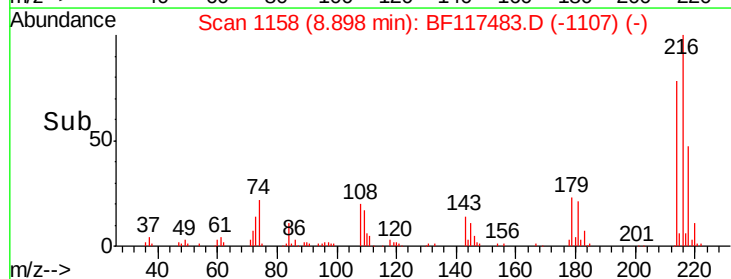
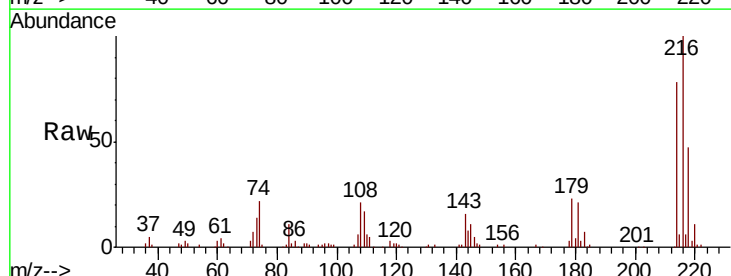
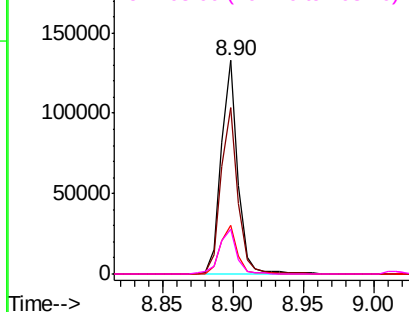
Abundance

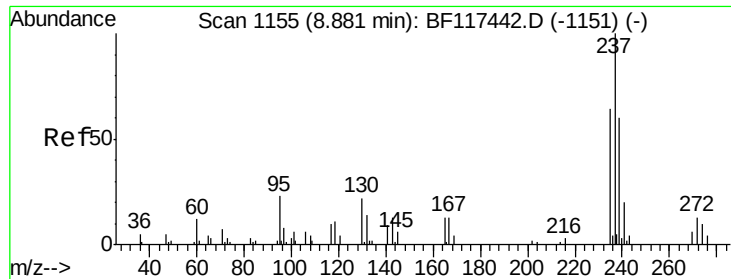
Ion 216.00 (215.70 to 216.70): E

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





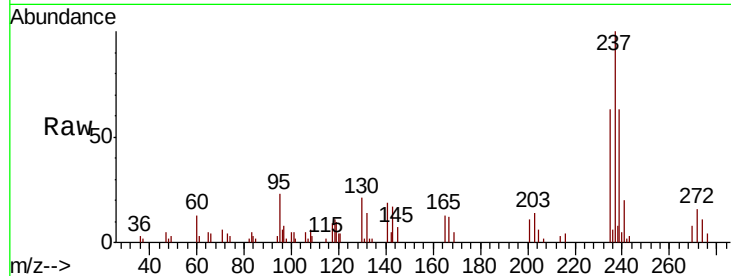
#41
Hexachlorocyclopentadiene
Concen: 33.879 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

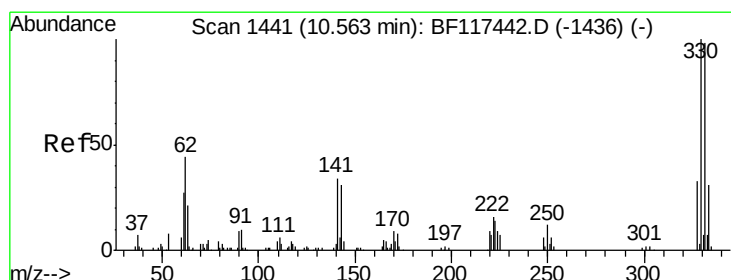
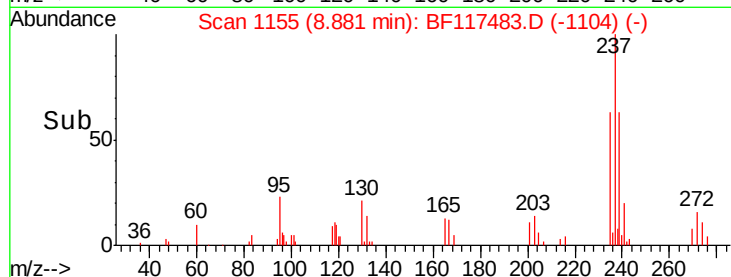
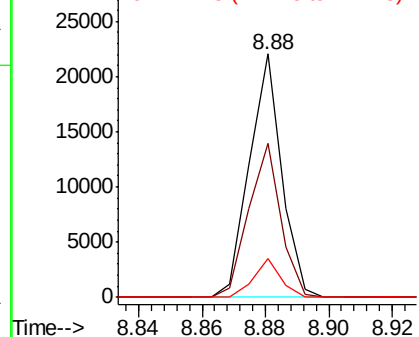
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.3	84.3
272	15.9	0.0	33.2

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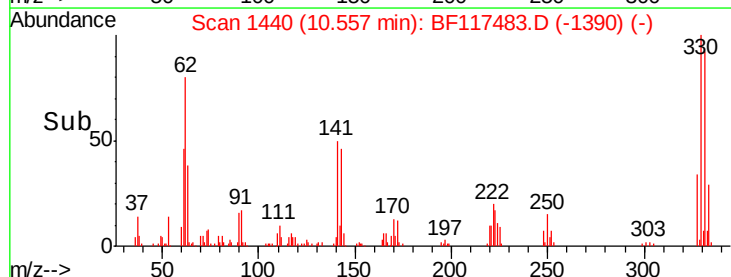
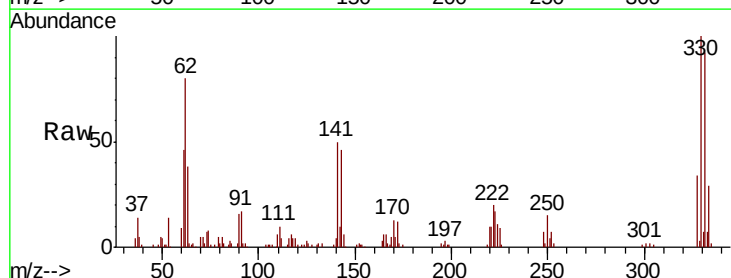
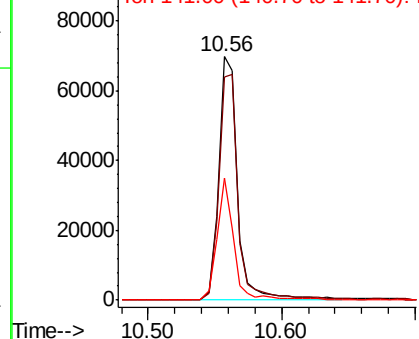
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

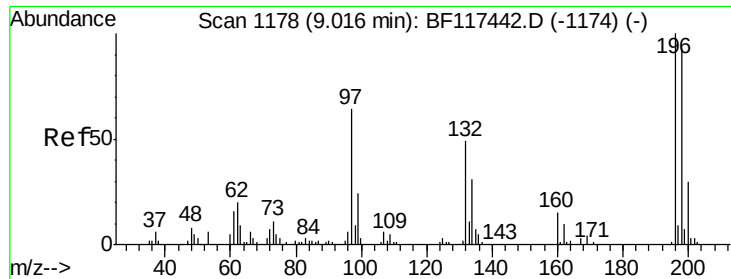


#42
2,4,6-Tribromophenol
Concen: 82.654 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	44.8	37.0	55.6

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





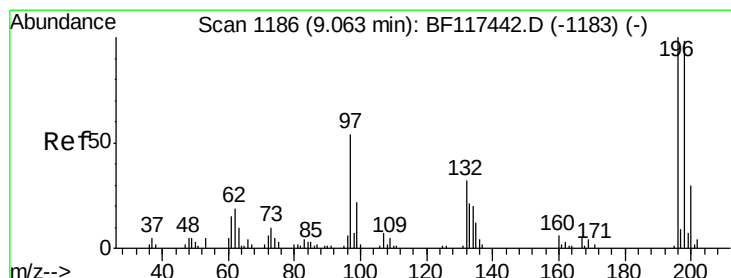
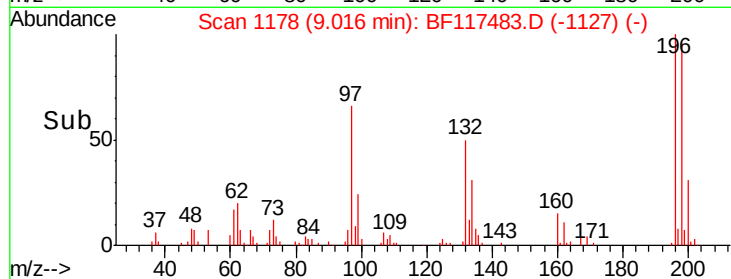
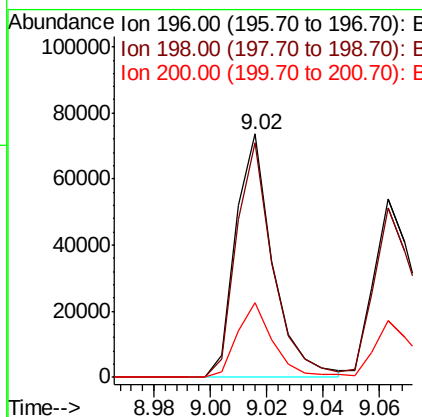
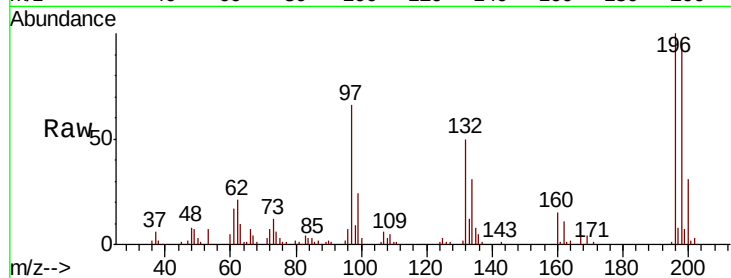
#43
 2,4,6-Trichlorophenol
 Concen: 41.060 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	67453
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.1	111.1
200	30.6	23.9	35.9

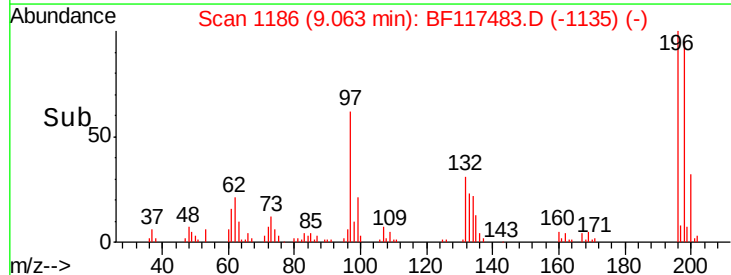
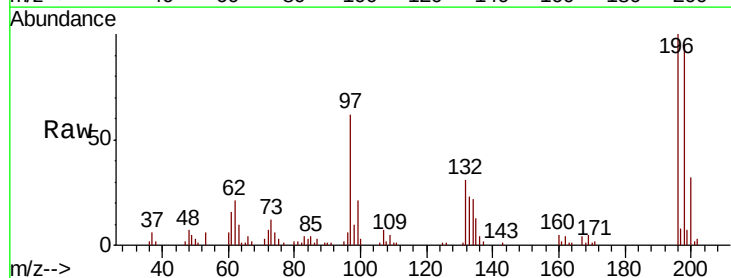
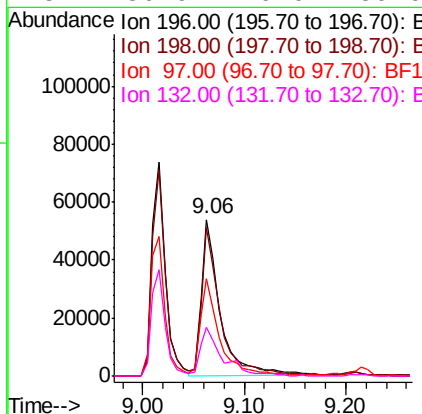
Manual Integrations
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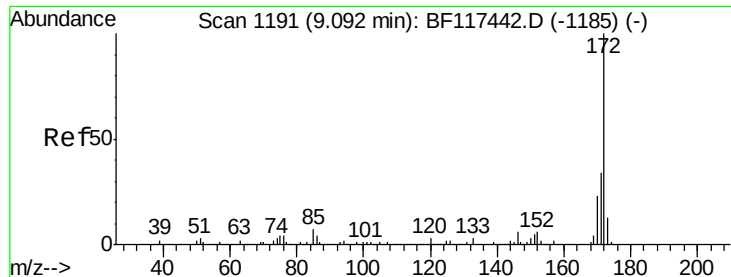
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#44
 2,4,5-Trichlorophenol
 Concen: 41.175 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:	196	Resp:	68543
Ion Ratio	Lower	Upper	
196	100		
198	95.1	78.6	117.8
97	62.1	43.4	65.2
132	30.9	26.0	39.0





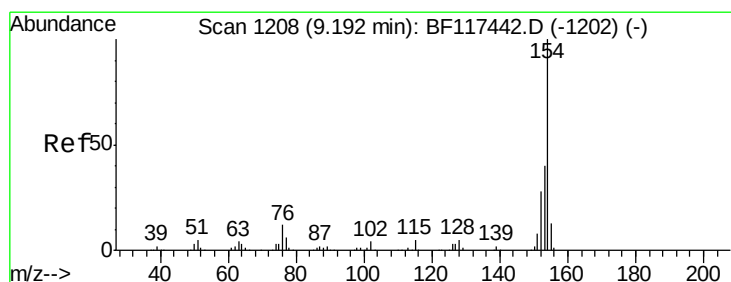
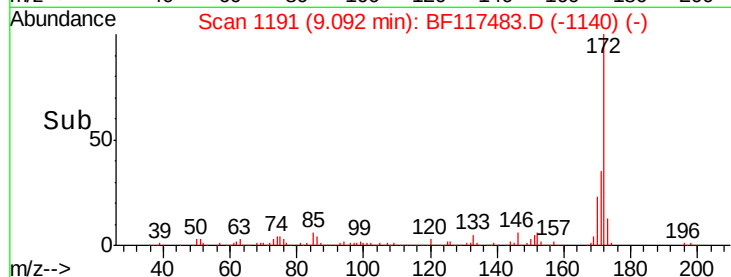
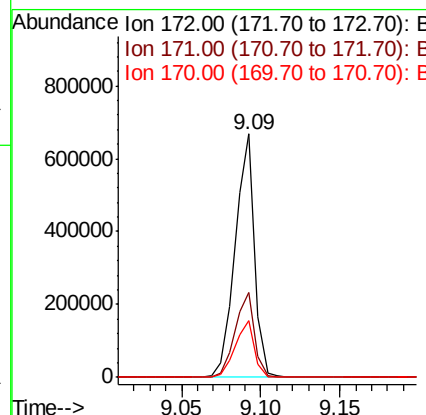
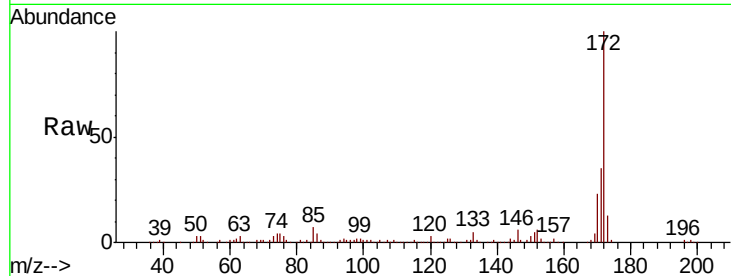
#45
2-Fluorobiphenyl
Concen: 81.901 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	23.3	18.6	27.8

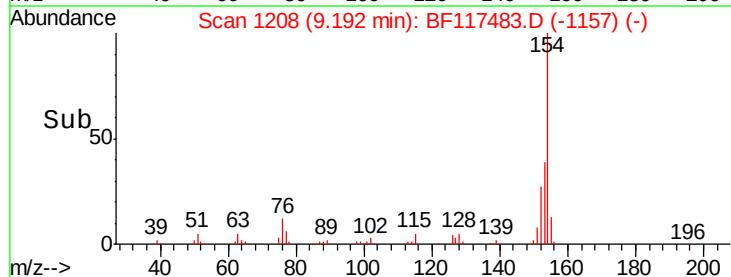
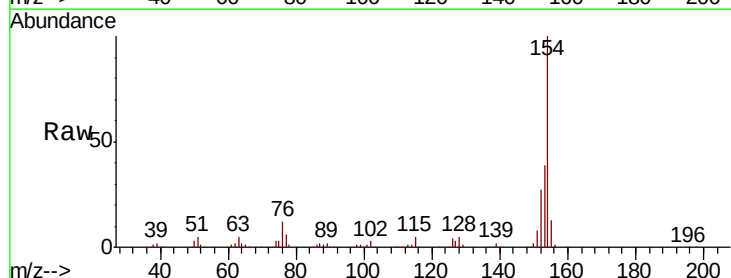
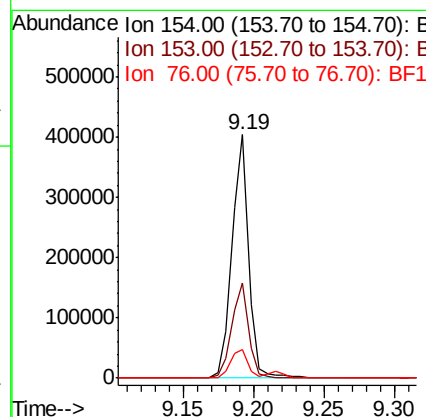
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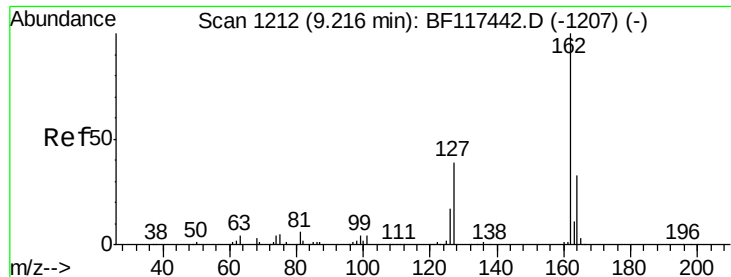
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#46
1,1'-Biphenyl
Concen: 40.984 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.2	60.2
76	11.5	0.0	32.1





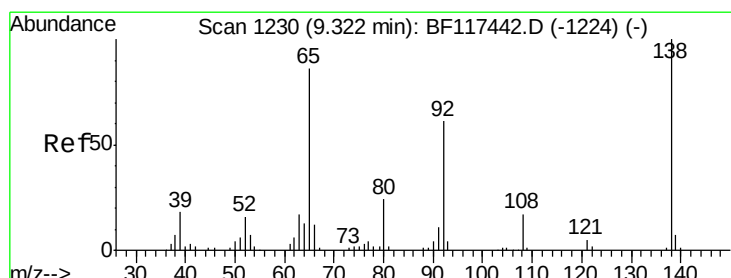
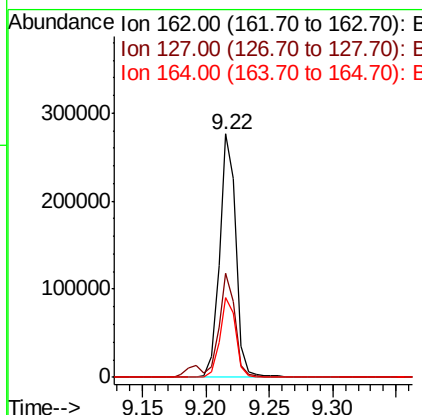
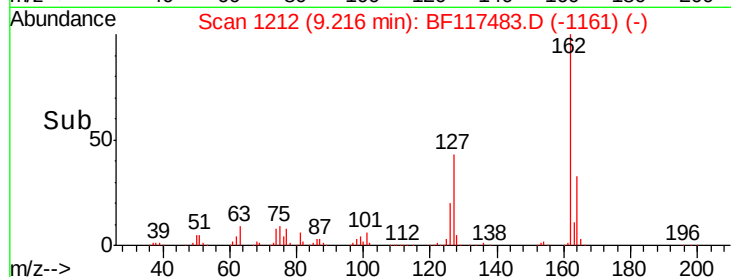
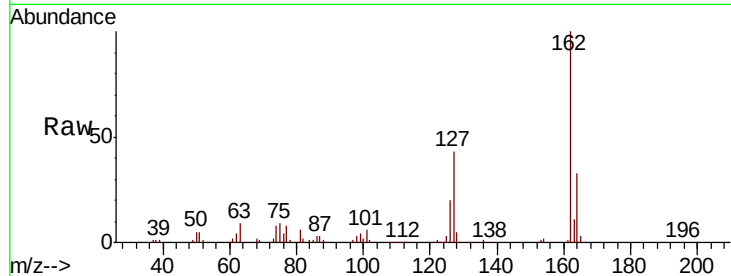
#47
 2-Chloronaphthalene
 Concen: 41.192 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	250429
Ion Ratio	Lower	Upper	
162	100		
127	42.8	34.2	51.4
164	32.7	26.4	39.6

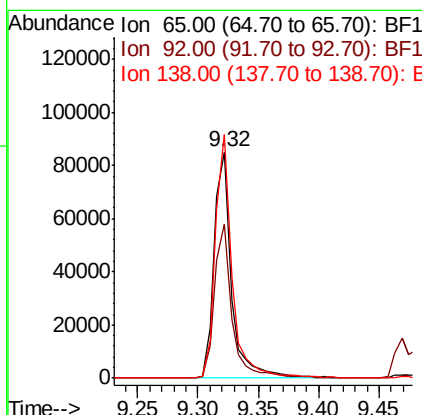
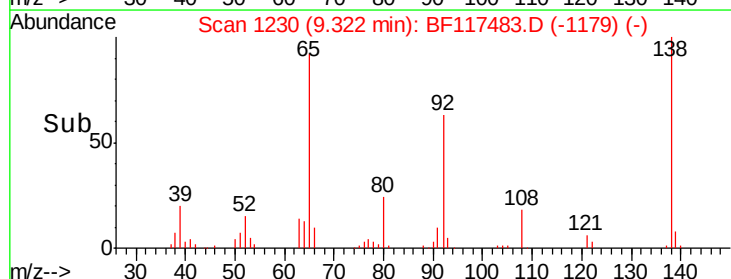
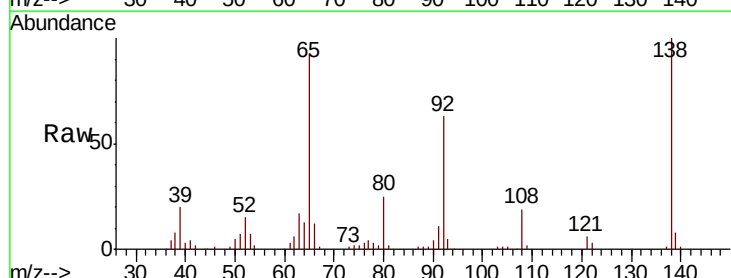
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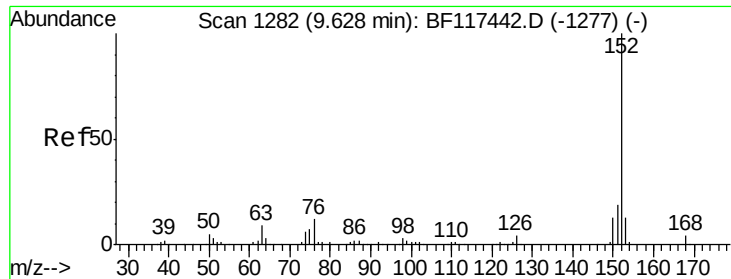
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#48
 2-Nitroaniline
 Concen: 41.910 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion:	65	Resp:	83644
Ion Ratio	Lower	Upper	
65	100		
92	68.5	57.3	85.9
138	107.9	93.3	139.9





#49

Acenaphthylene

Concen: 41.241 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

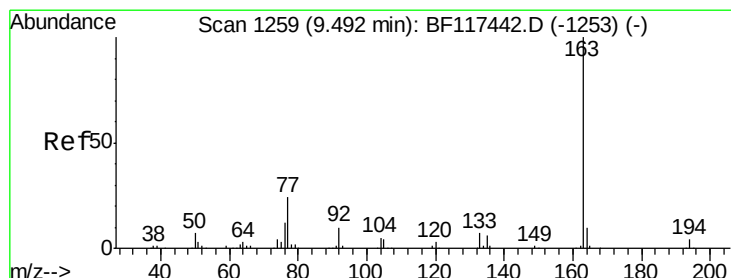
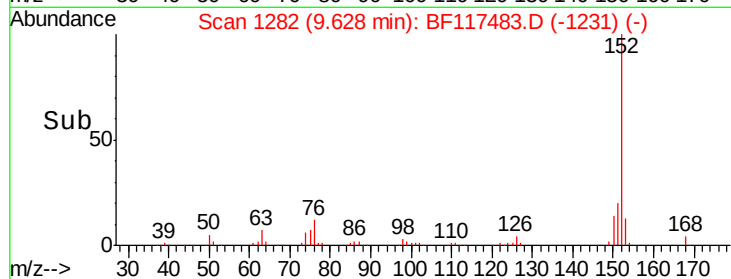
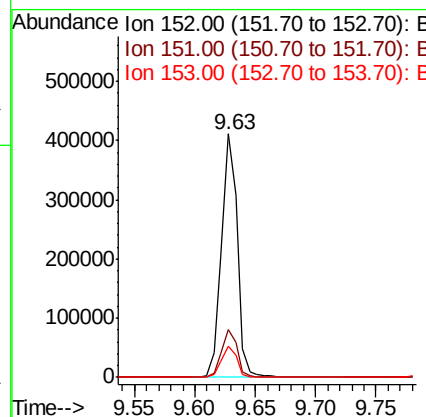
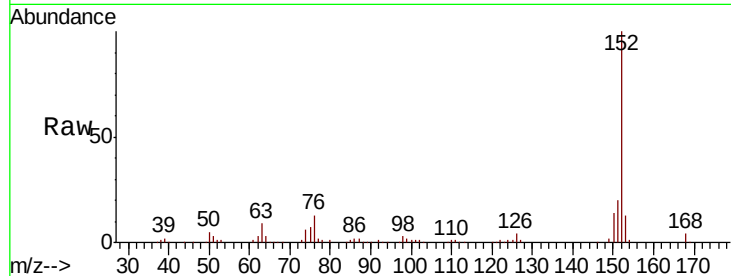
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	368283
Ion Ratio		Lower	Upper
152	100		
151	19.8	15.4	23.0
153	12.9	10.3	15.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.157 ng

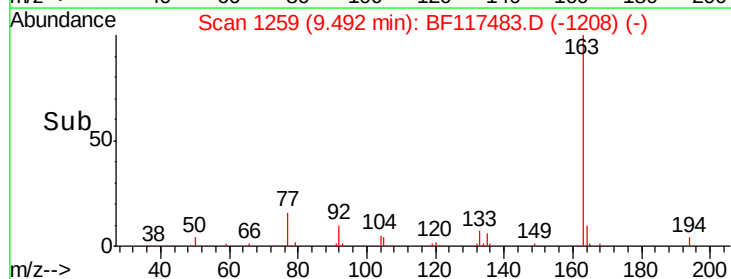
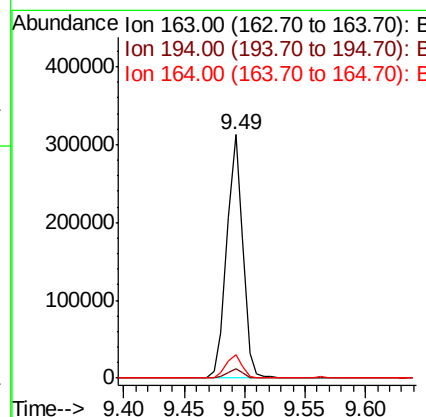
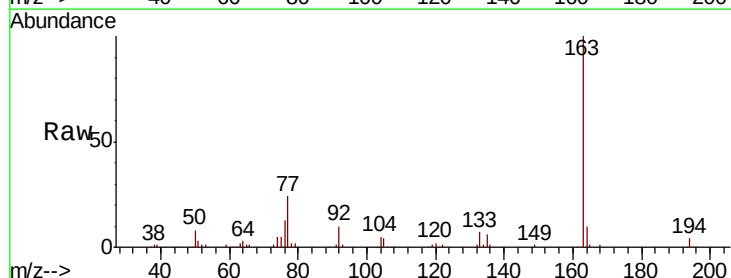
RT: 9.49 min Scan# 1259

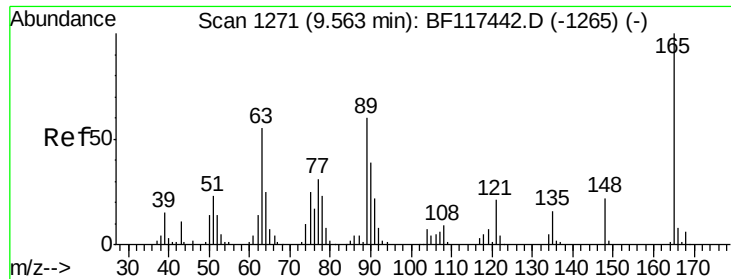
Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:	163	Resp:	285773
Ion Ratio		Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 41.274 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

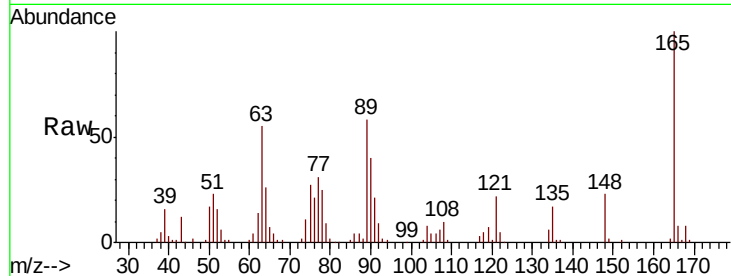
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	59803
Ion Ratio	Lower	Upper	
165	100		
63	55.4	43.8	65.8
89	57.9	47.6	71.4

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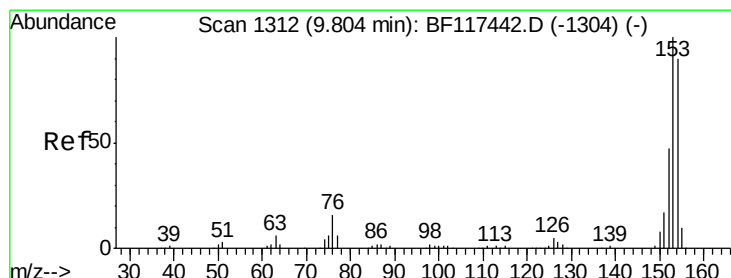
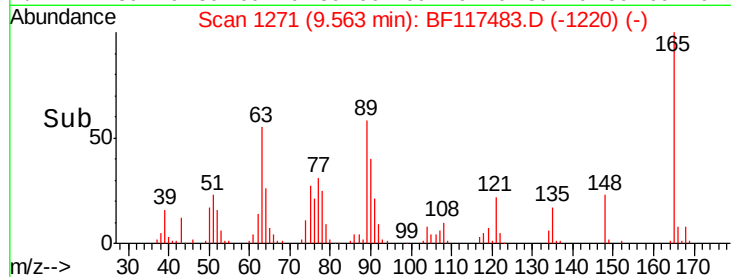
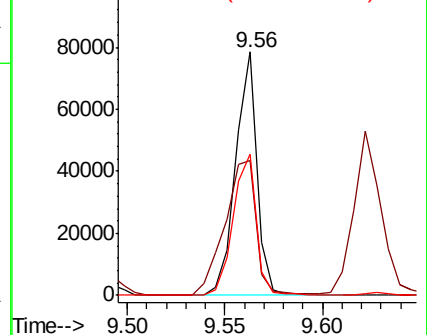
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.364 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF117483.D

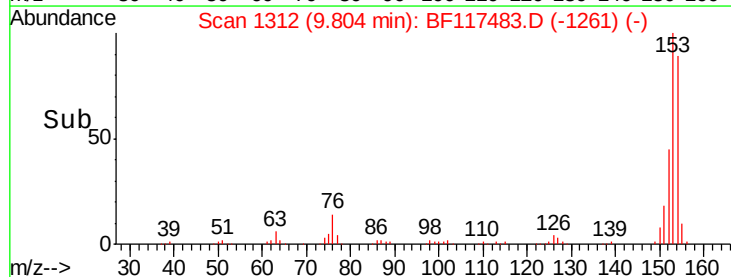
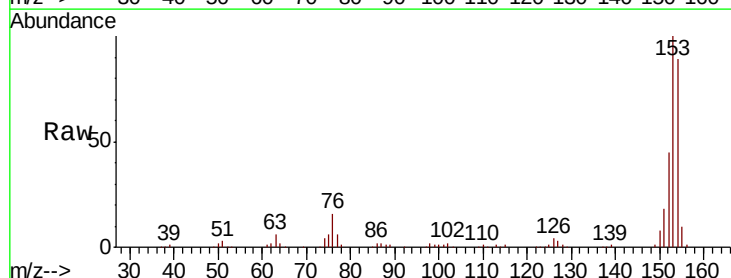
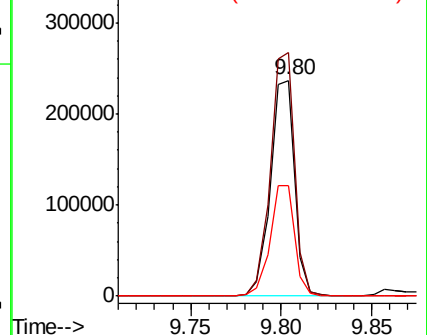
Acq: 23 Oct 2019 15:10

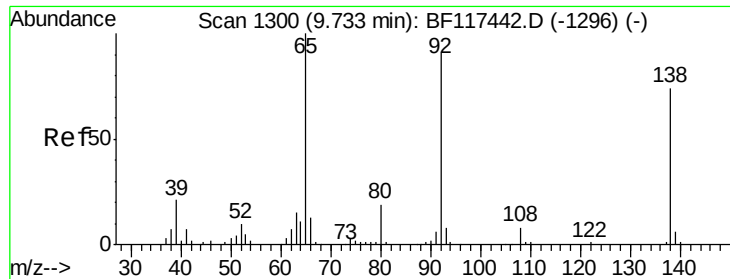
Tgt Ion:	154	Resp:	221142
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.2	133.8
152	51.2	41.8	62.6

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





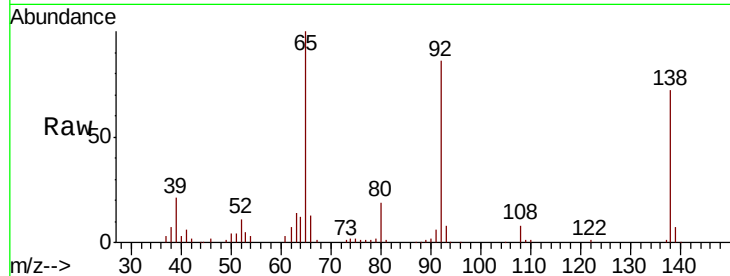
#53
 3-Nitroaniline
 Concen: 40.318 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	119.6	98.4	147.6

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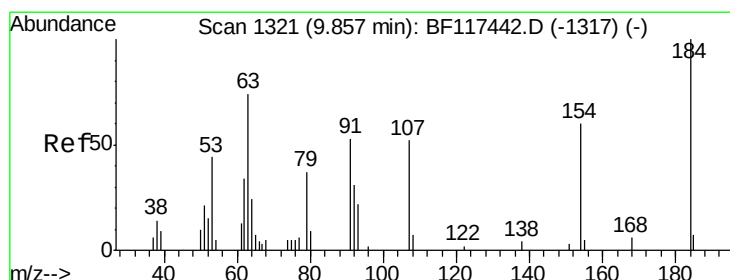
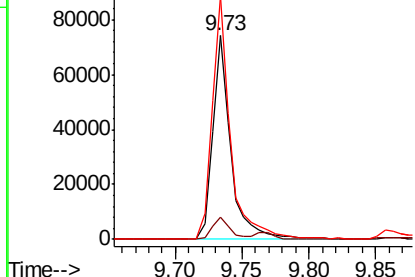
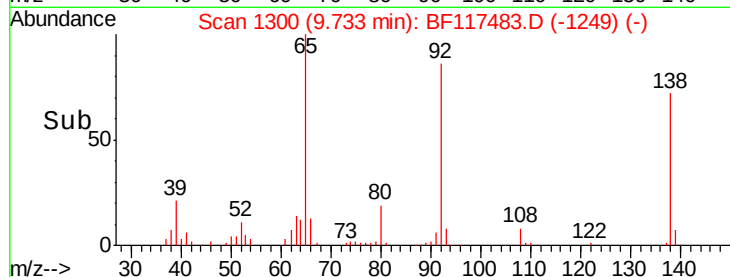


Abundance

Ion 138.00 (137.70 to 138.70): E

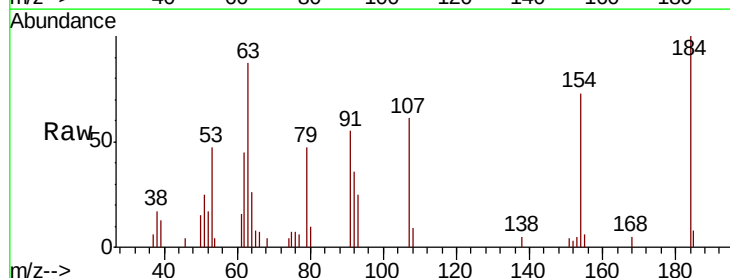
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 39.486 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.6	59.2	88.8
154	72.7	53.4	80.0

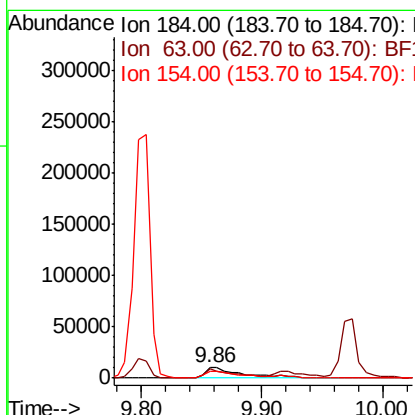
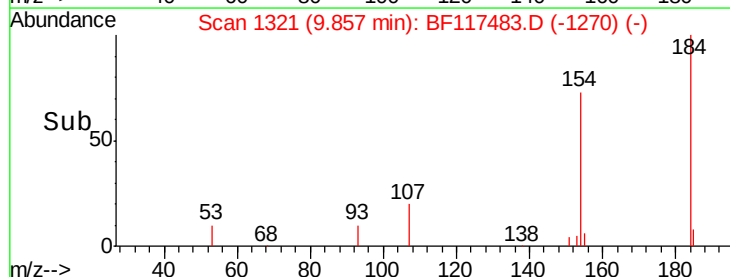


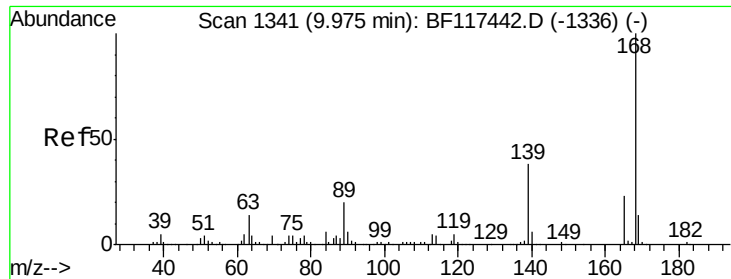
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





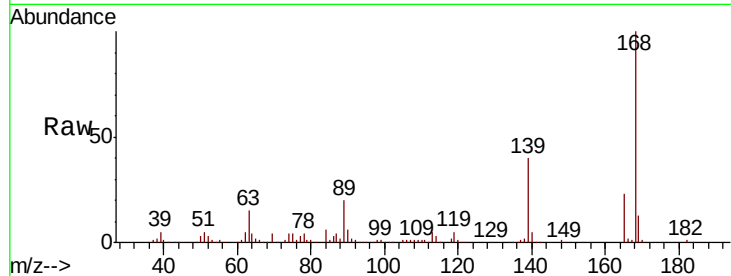
#55
Dibenzofuran
Concen: 40.867 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.8	47.6
169	13.3	11.2	16.8

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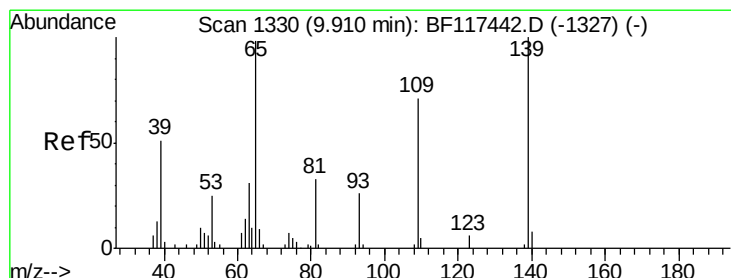
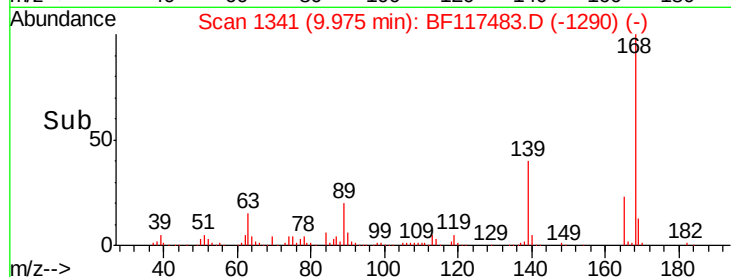
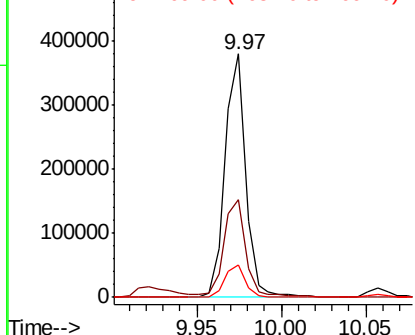


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 35.057 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

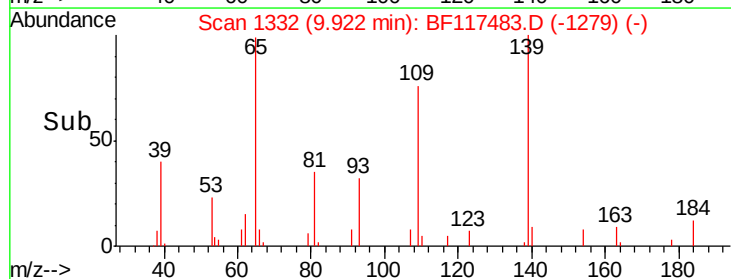
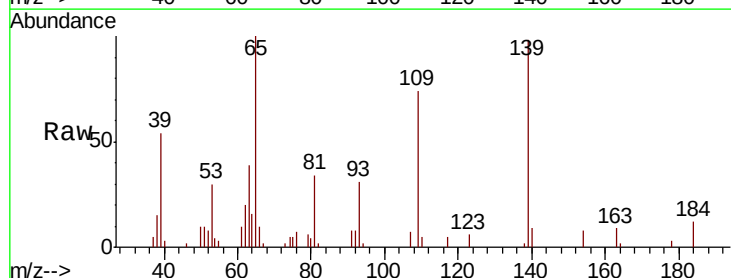
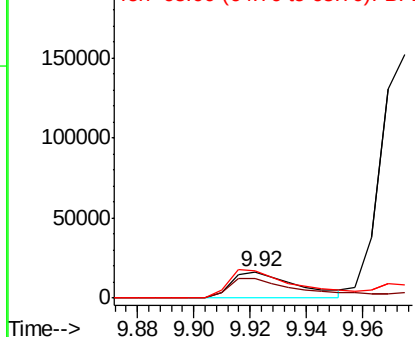
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	51.4	91.4
65	102.5	79.4	119.4

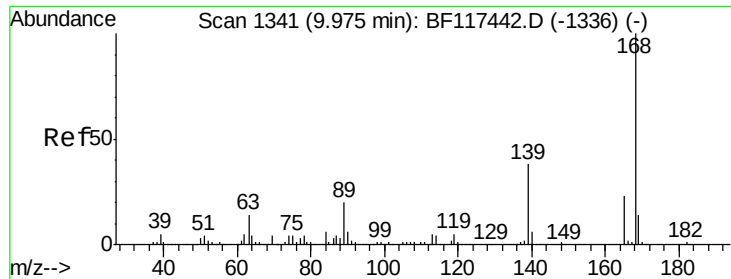
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





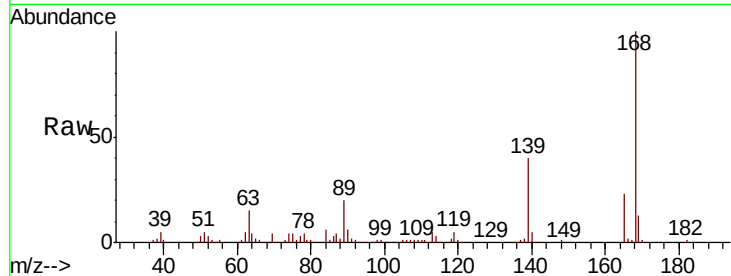
#57
2,4-Dinitrotoluene
Concen: 41.325 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.2	51.4	77.0
89	86.0	69.9	104.9
182	2.3	1.9	2.9

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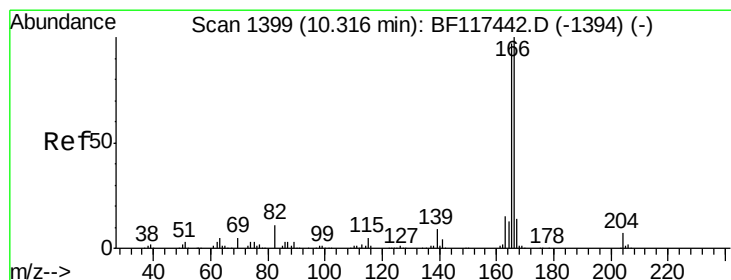
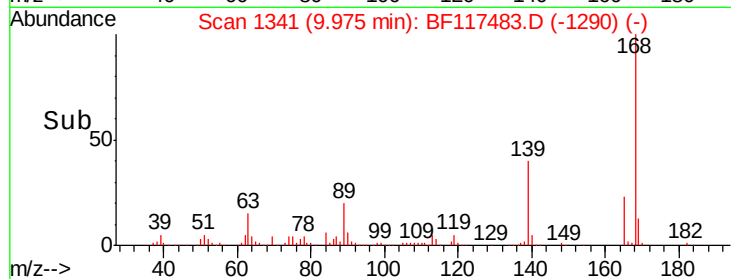
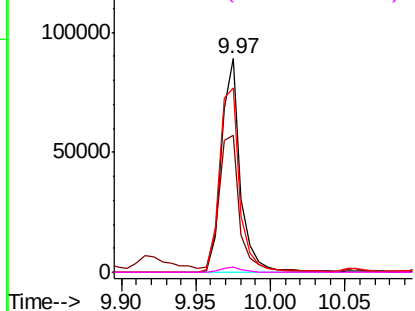
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.829 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

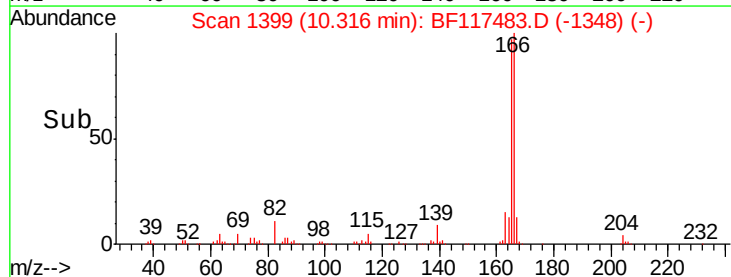
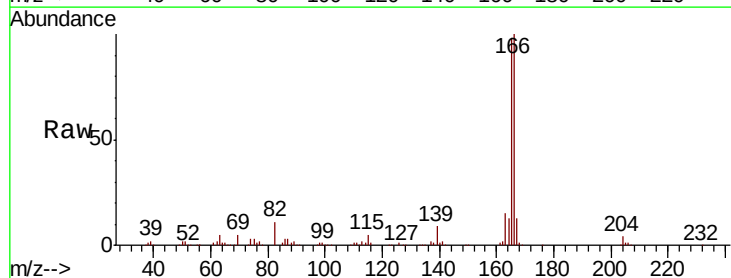
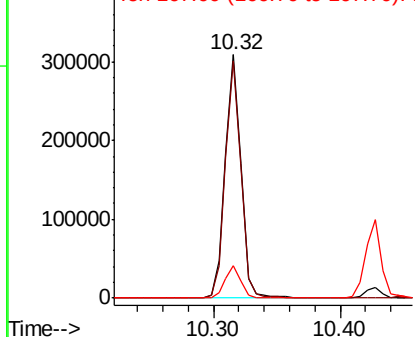
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.6	116.4
167	13.5	11.0	16.4

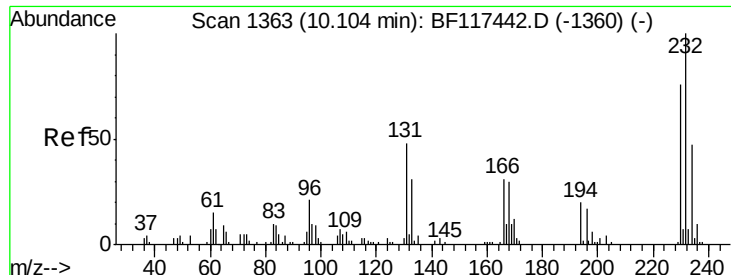
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





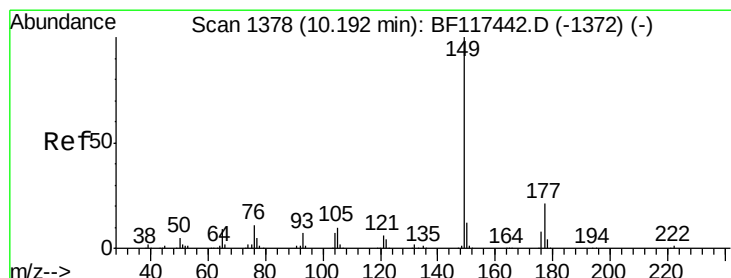
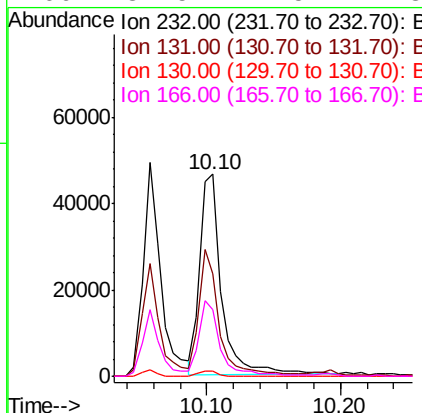
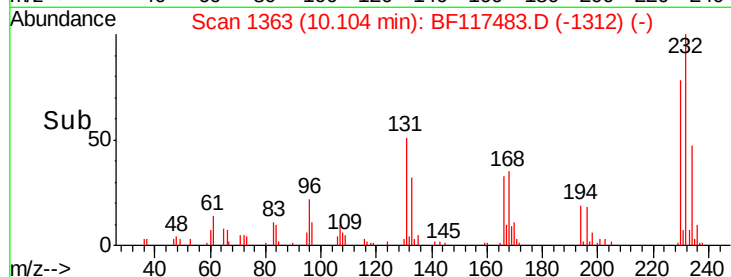
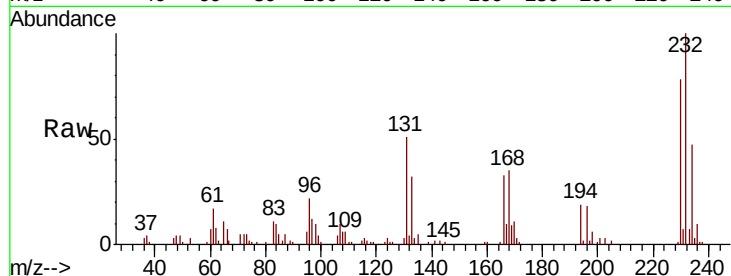
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.843 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.7	42.6	63.8
130	2.3	2.2	3.4
166	34.5	27.5	41.3

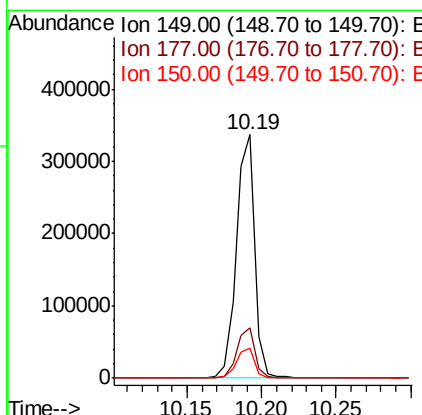
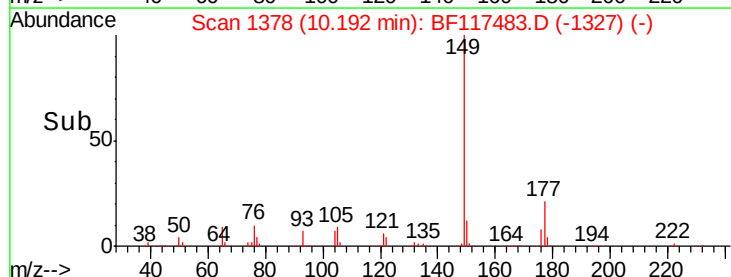
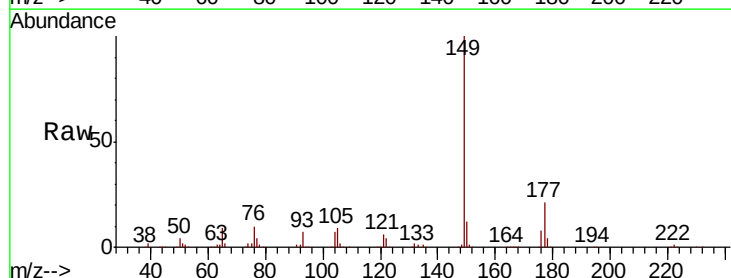
Manual Integrations
APPROVED

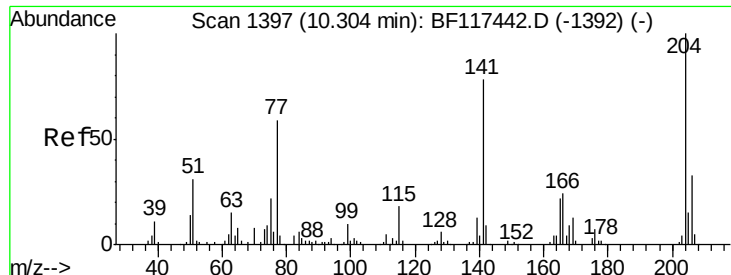
mohammad
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#60
Diethylphthalate
Concen: 41.401 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.4
150	12.2	9.8	14.6





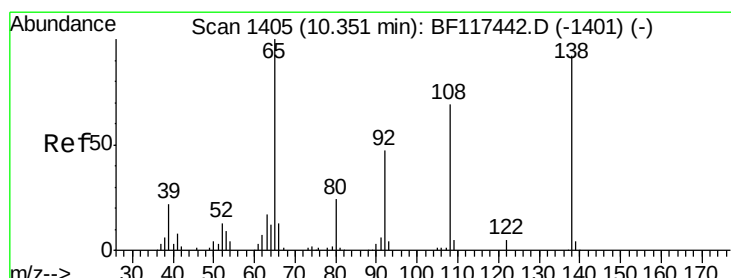
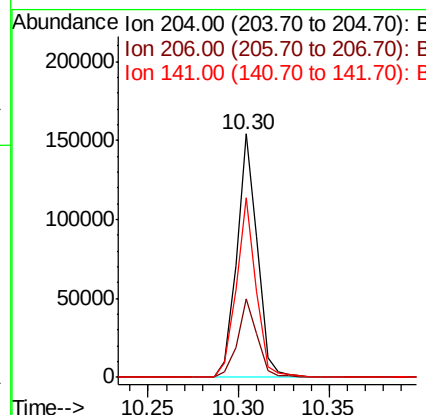
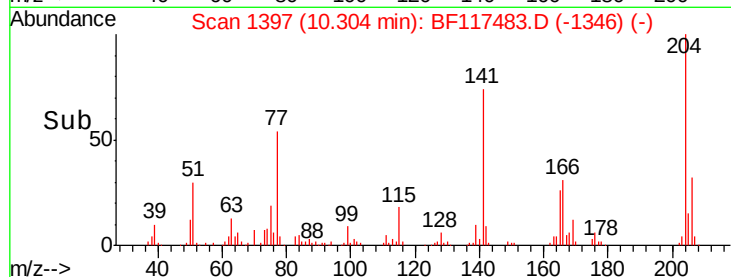
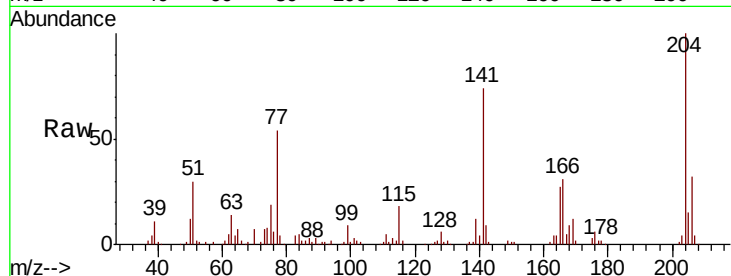
#61
4-Chlorophenyl-phenylether
Concen: 41.440 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.3	39.5
141	73.6	62.2	93.4

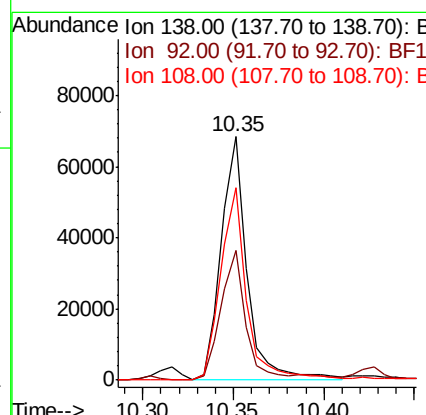
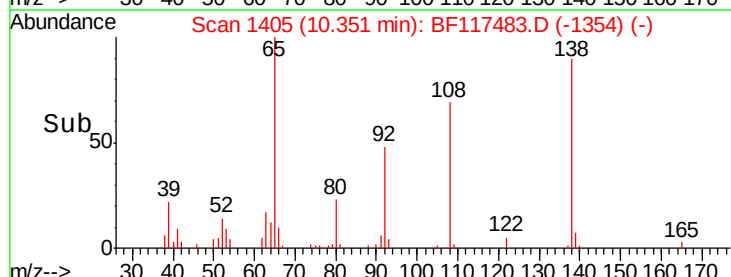
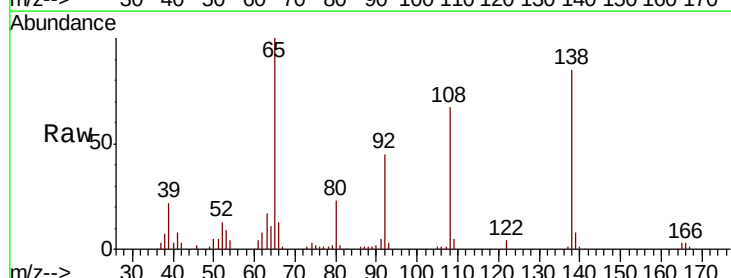
Manual Integrations
APPROVED

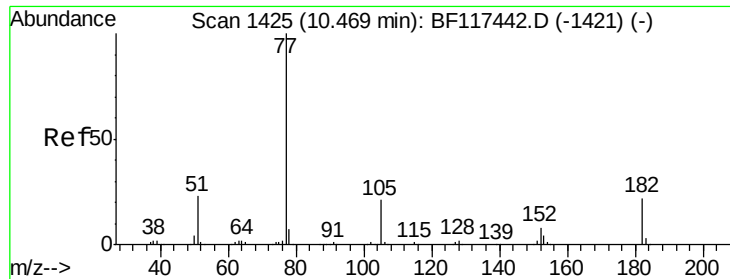
mohammad
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#62
4-Nitroaniline
Concen: 41.297 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	30.3	70.3
108	78.9	54.9	94.9





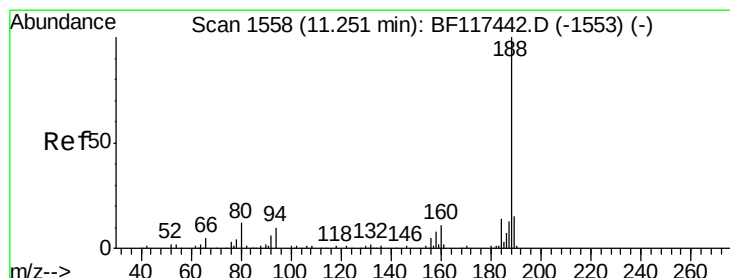
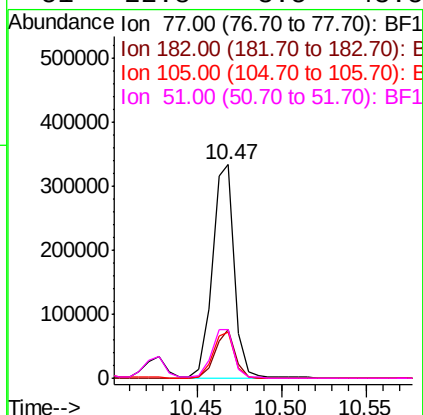
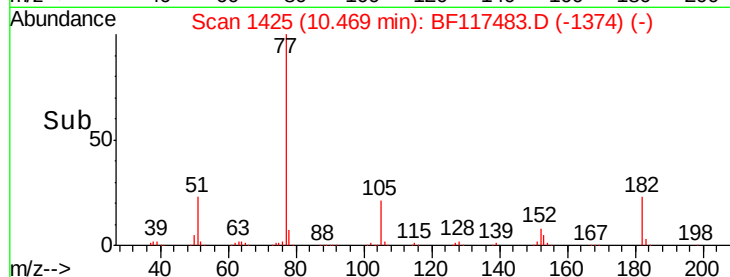
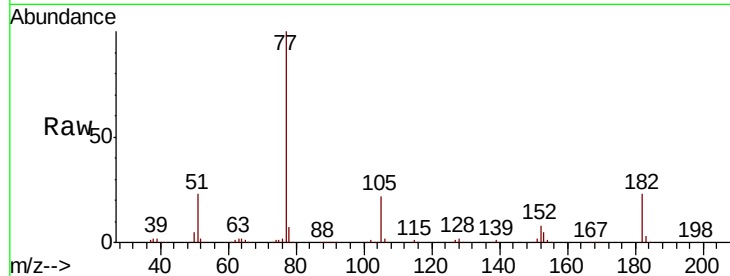
#63
Azobenzene
Concen: 41.919 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.0	2.3	42.3	
105	21.5	1.3	41.3	
51	22.8	3.5	43.5	

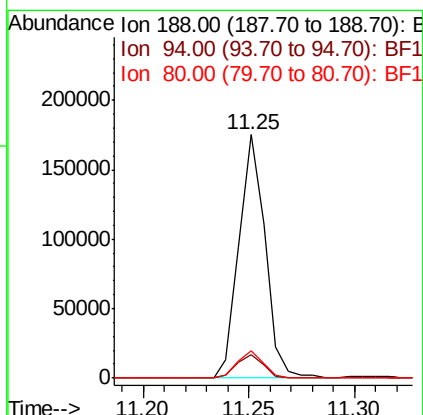
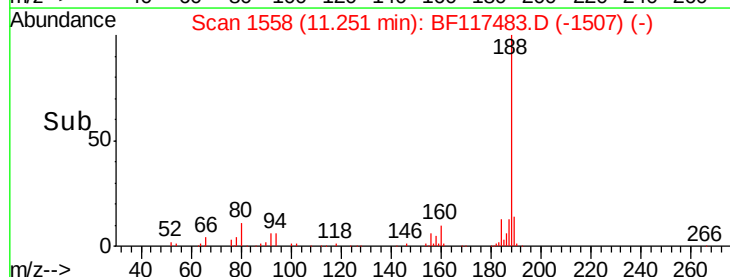
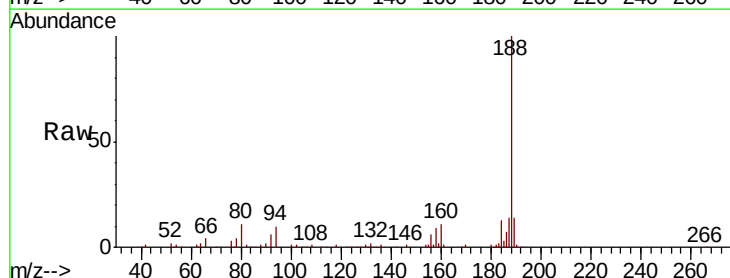
Manual Integrations
APPROVED

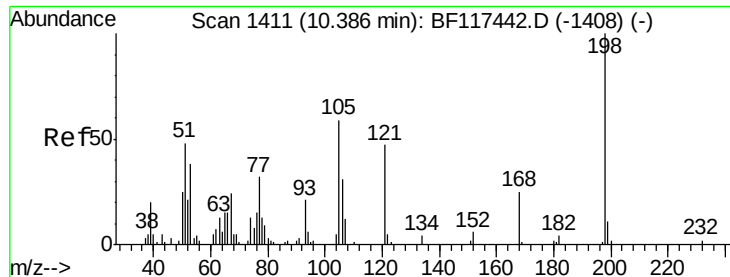
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	8.0	12.0	
80	11.0	9.5	14.3	





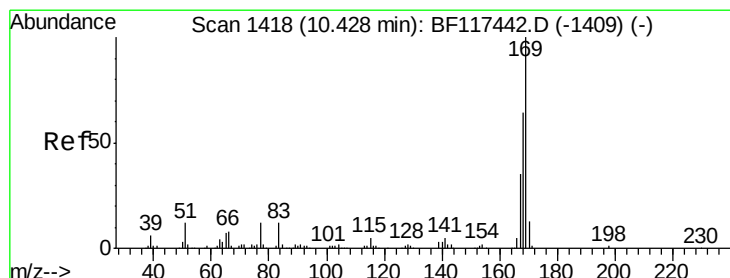
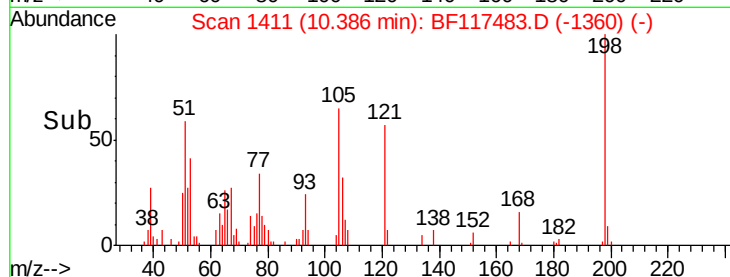
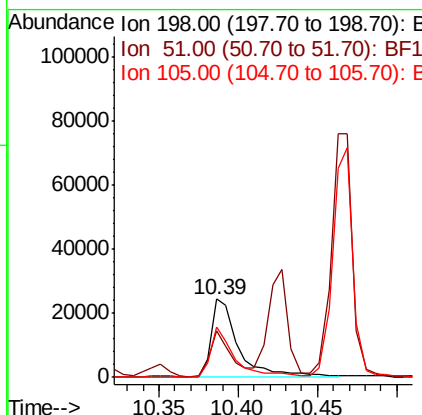
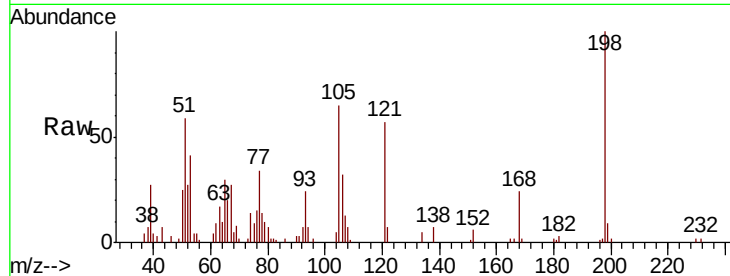
#65
4,6-Dinitro-2-methylphenol
Concen: 38.678 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	59.4	29.1	69.1
105	65.0	39.4	79.4

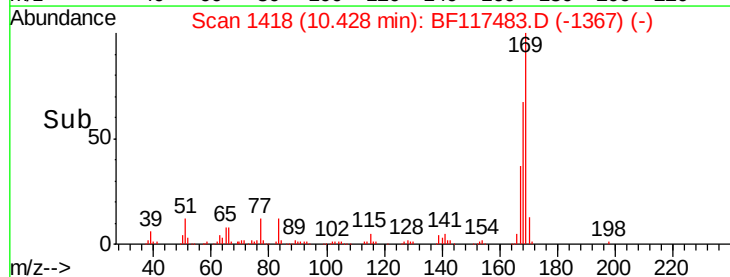
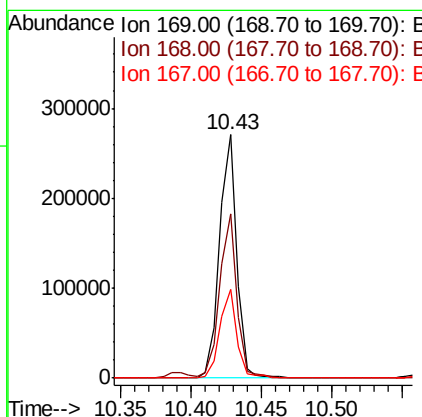
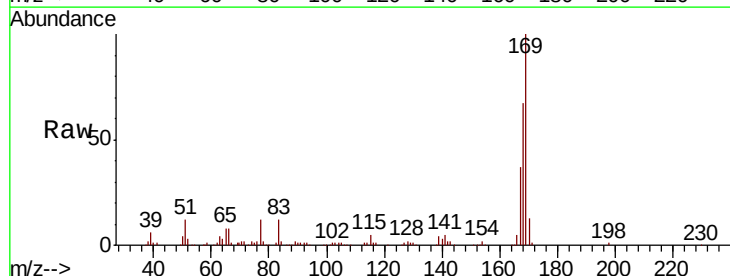
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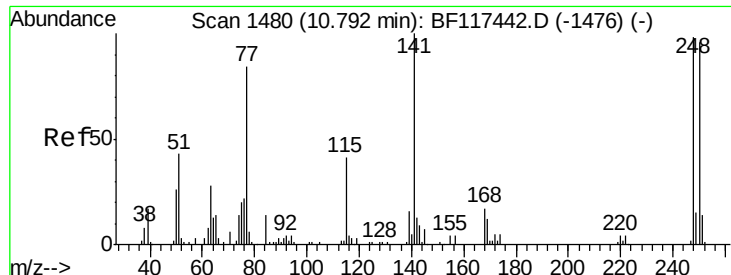
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#66
n-Nitrosodiphenylamine
Concen: 41.923 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	51.3	76.9
167	36.6	28.2	42.4





#67

4-Bromophenyl-phenylether

Concen: 41.008 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

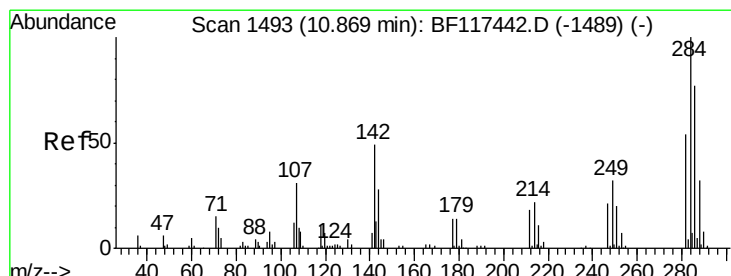
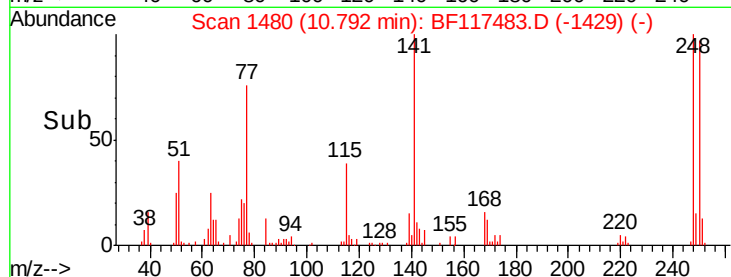
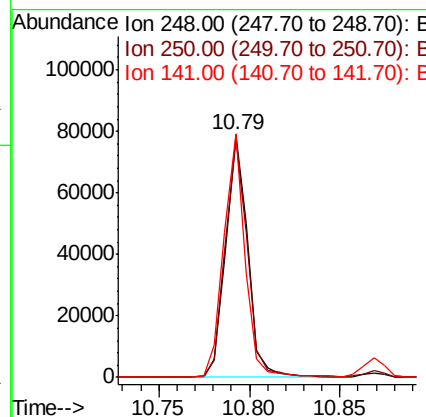
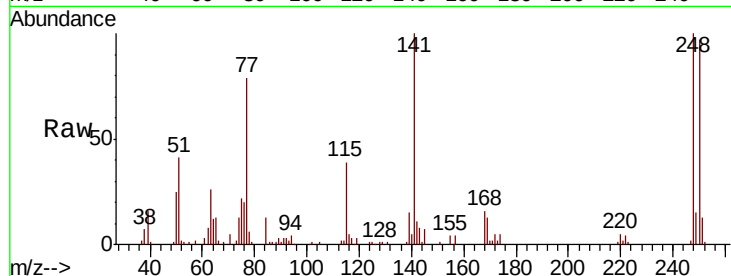
ClientSampled :

SSTDCCC040

Tot Ion:	248	Resp:	66502
Ion Ratio	Lower	Upper	
248	100		
250	97.7	78.0	117.0
141	100.4	81.7	122.5

Manual Integrations
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#68

Hexachlorobenzene

Concen: 40.891 ng

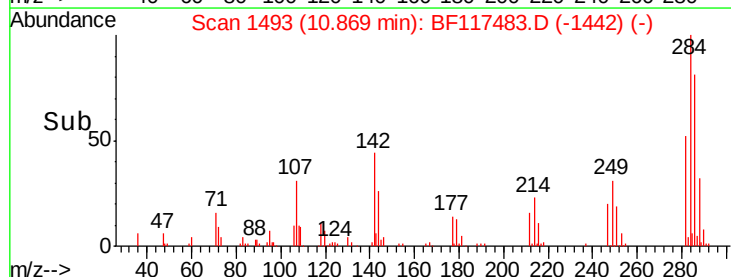
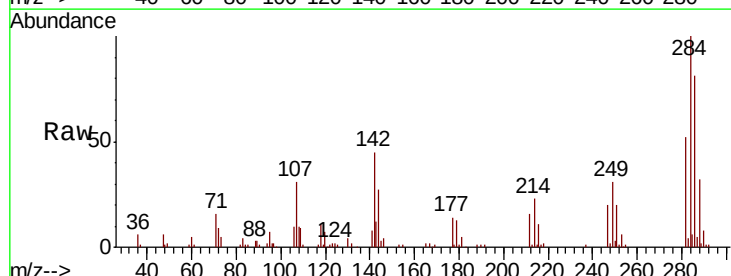
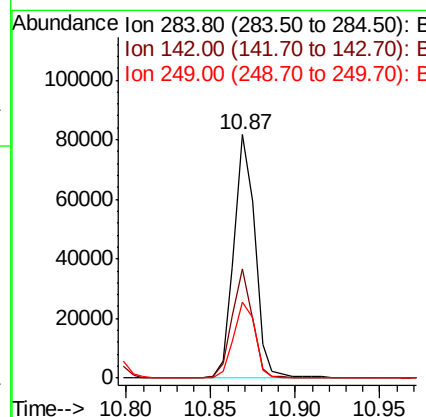
RT: 10.87 min Scan# 1493

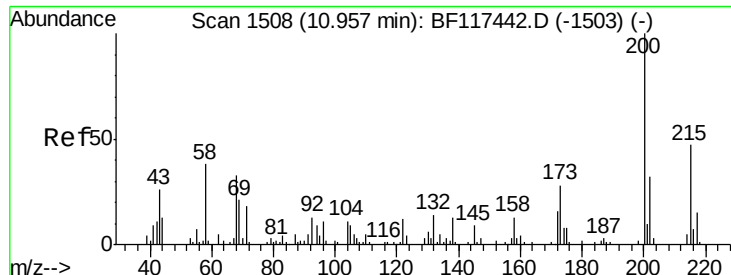
Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:	284	Resp:	71018
Ion Ratio	Lower	Upper	
284	100		
142	44.9	39.0	58.6
249	31.2	25.7	38.5





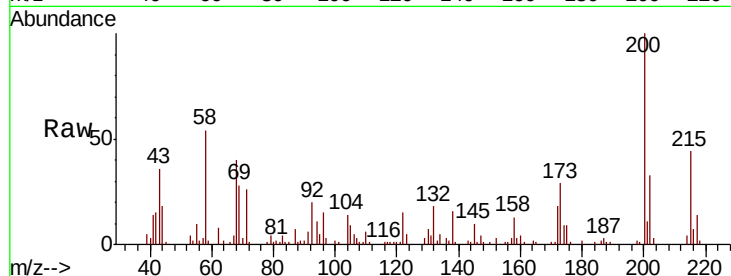
#69
Atrazine
Concen: 39.495 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	8.2	48.2
215	44.5	26.8	66.8

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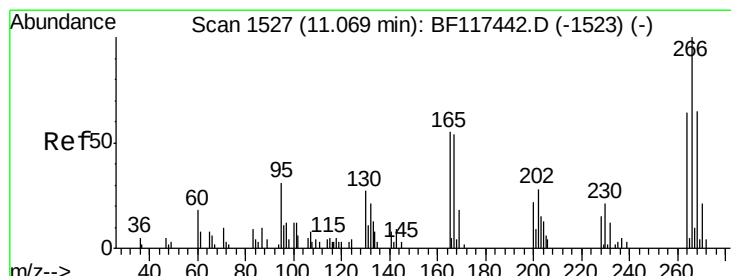
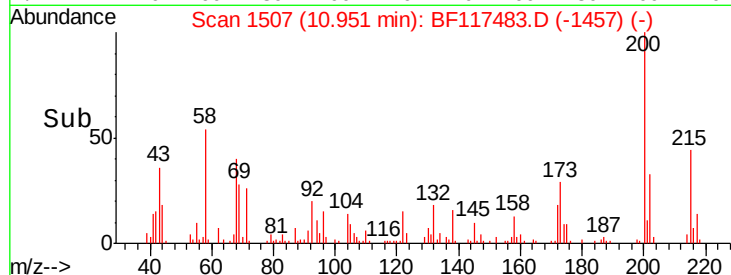
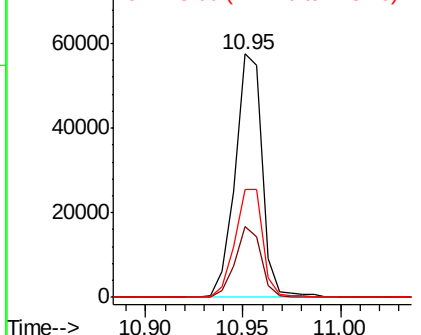


Abundance

Ion 200.00 (199.70 to 200.70): E

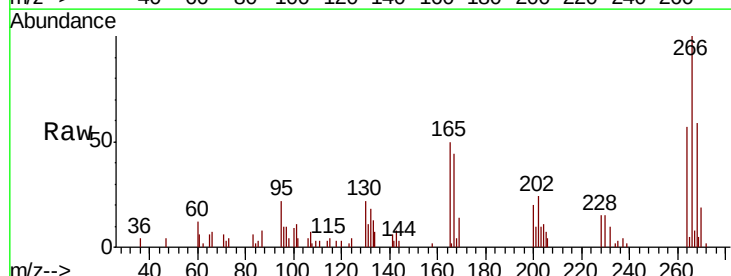
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.530 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	58.7	51.6	77.4
264	56.6	51.4	77.2

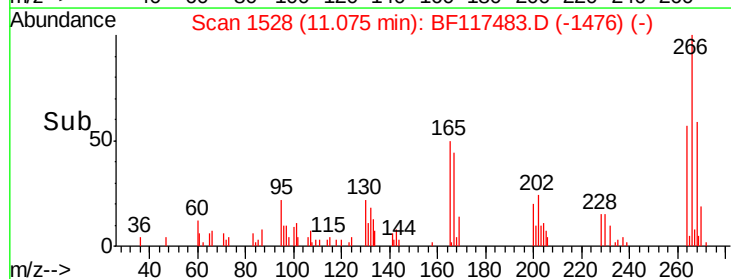
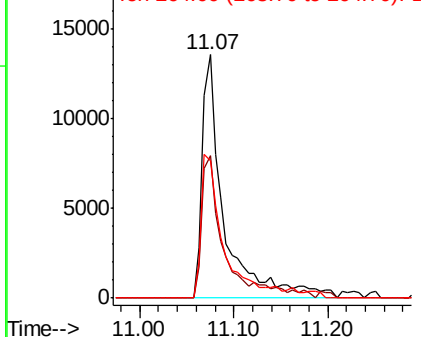


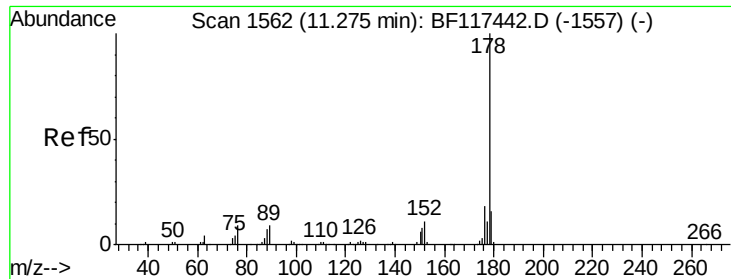
Abundance

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: 41.429 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

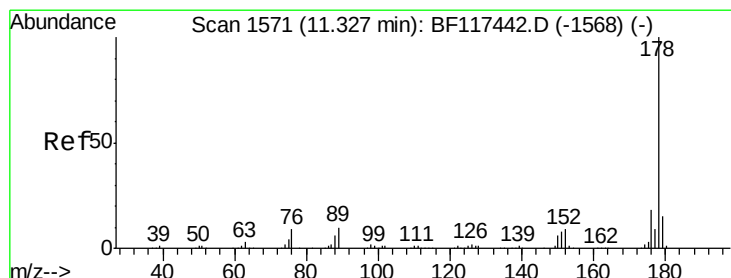
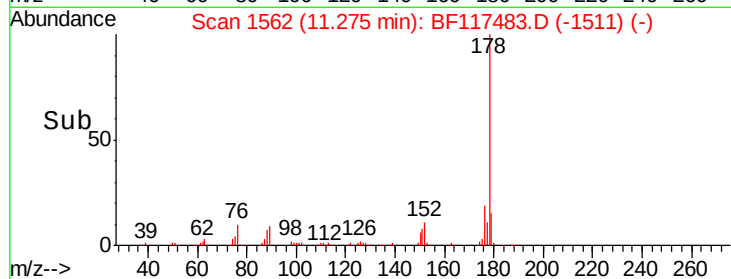
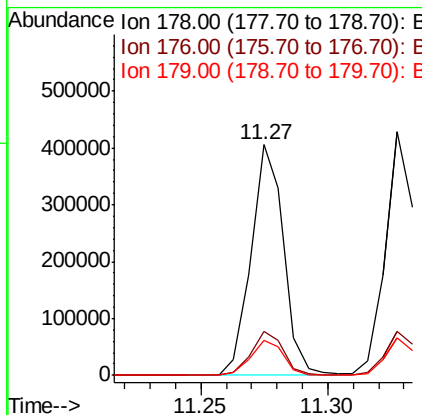
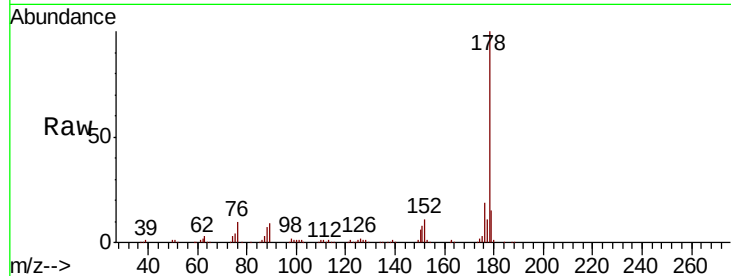
ClientSampleId :

SSTDCCC040

Tot Ion:178	Resp:	362193
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.6 22.0
179	15.5	12.6 19.0

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#72

Anthracene

Concen: 41.603 ng

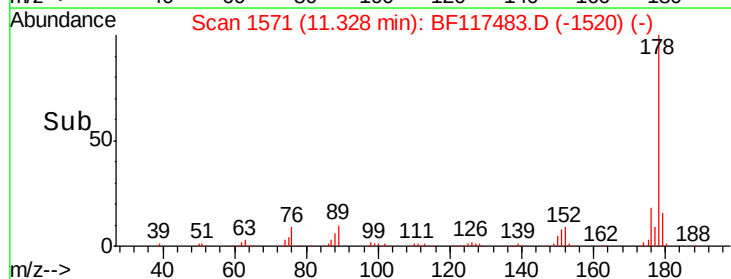
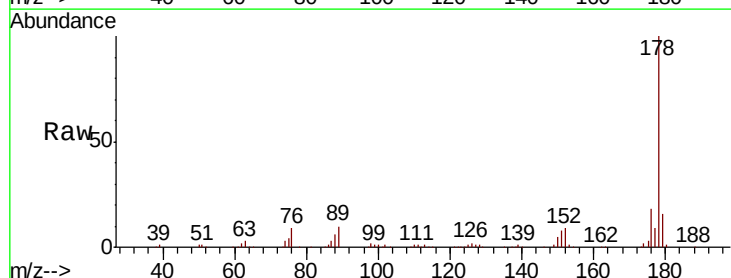
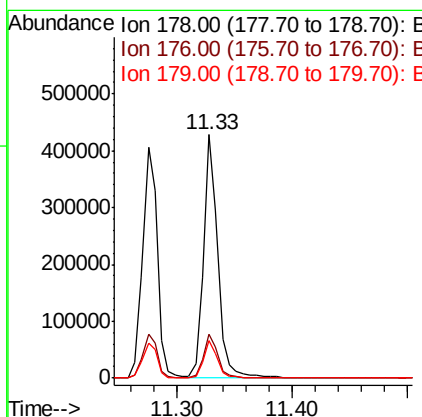
RT: 11.33 min Scan# 1571

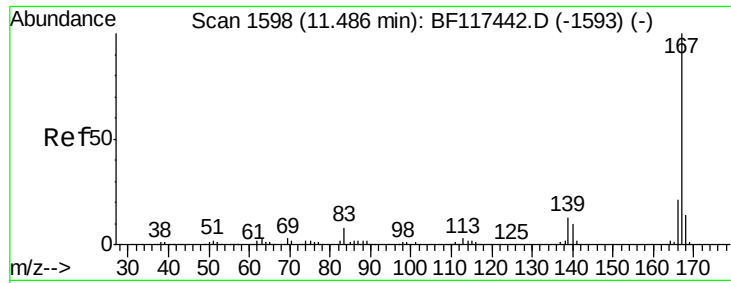
Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:178	Resp:	373188
Ion Ratio	Lower	Upper
178	100	
176	18.0	14.7 22.1
179	15.5	12.2 18.2





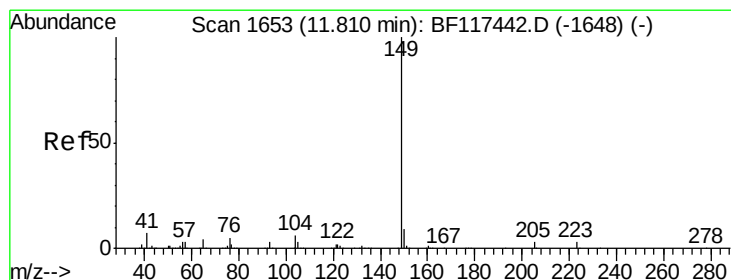
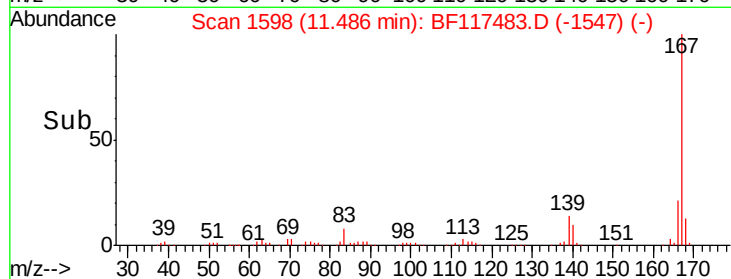
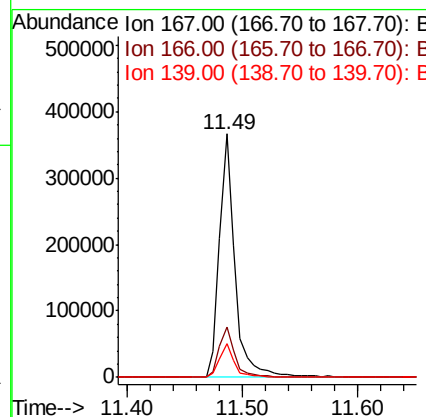
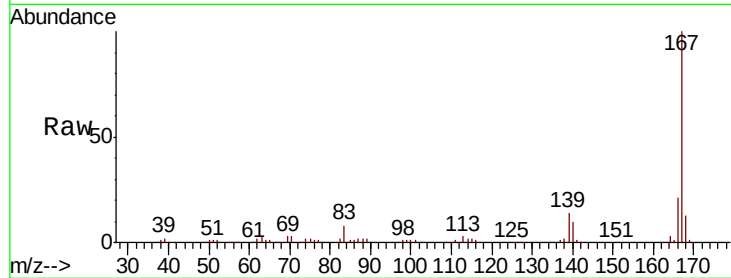
#73
 Carbazole
 Concen: 41.948 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.8	10.6	16.0

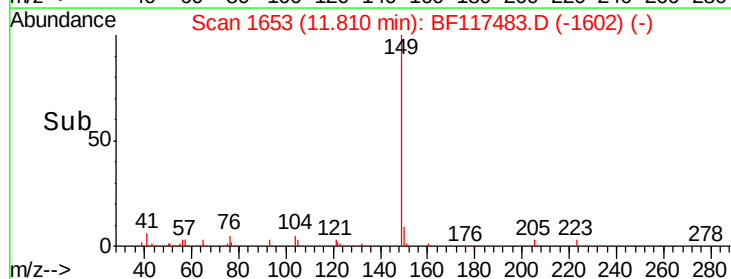
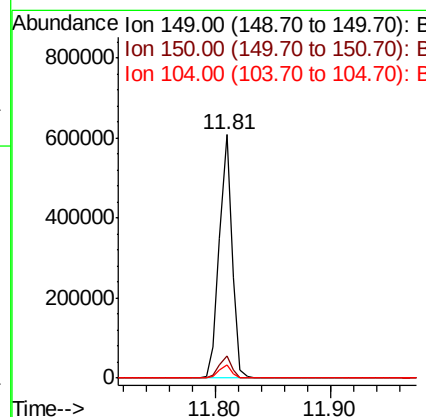
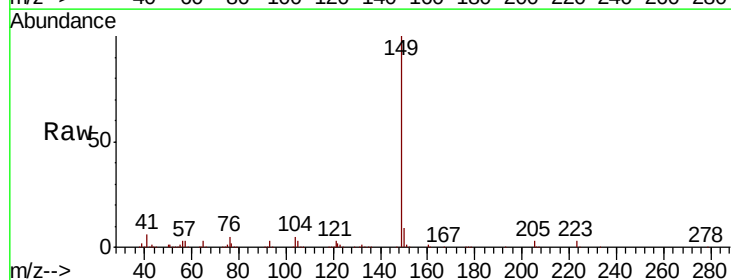
Manual Integrations
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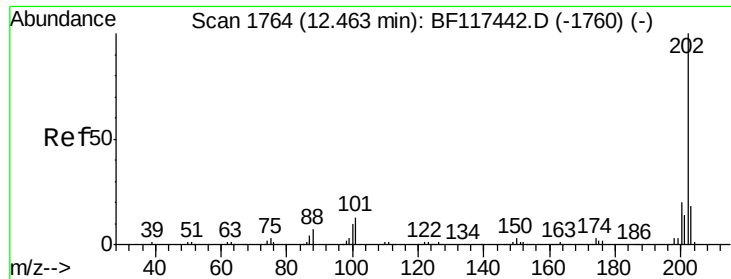
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.751 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.3	4.6	6.8





#75

Fluoranthene

Concen: 41.594 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

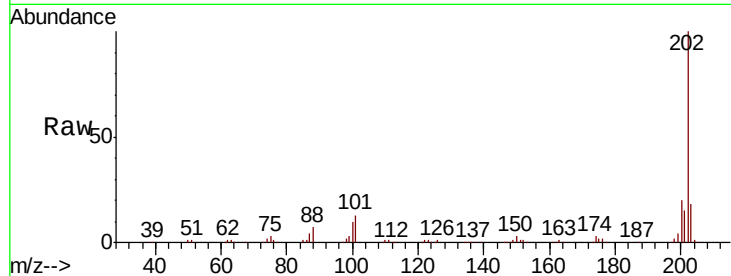
ClientSampleId :

SSTDCCC040

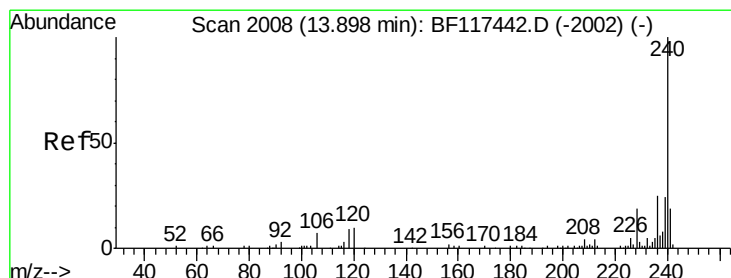
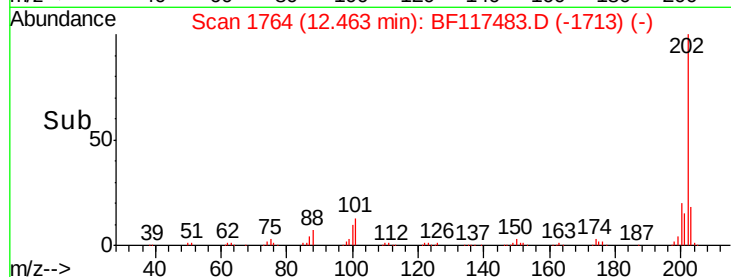
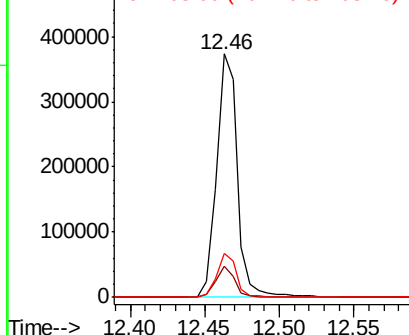
Tot Ion	Ratio	Resp	Lower	Upper
202	100	364022		
101	12.9	0.0	32.7	
203	18.2	0.0	37.6	

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



#76

Chrysene-d12

Concen: 20.000 ng

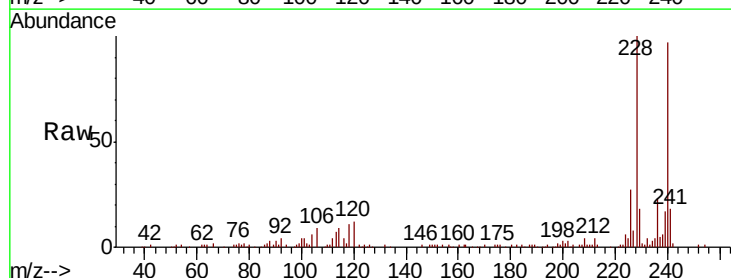
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

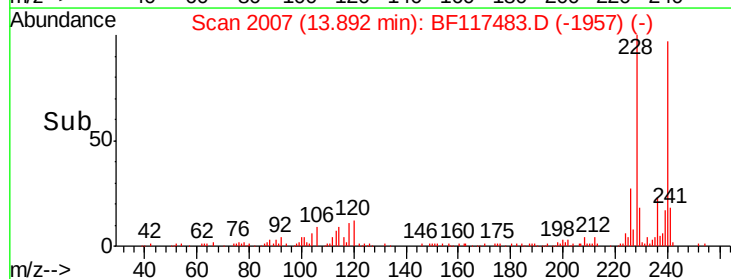
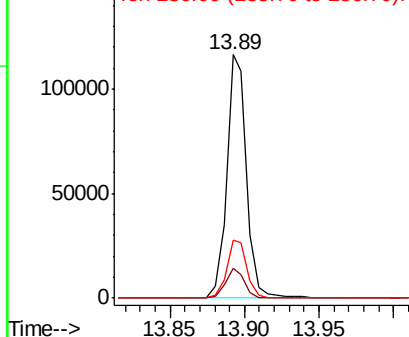
Lab File: BF117483.D

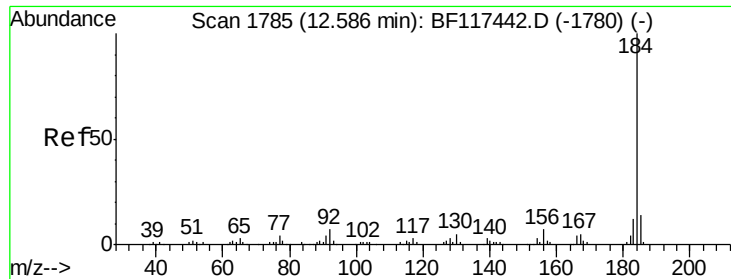
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	108308		
120	12.5	8.4	12.6	
236	23.8	20.0	30.0	



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





#77

Benzidine

Concen: 50.973 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

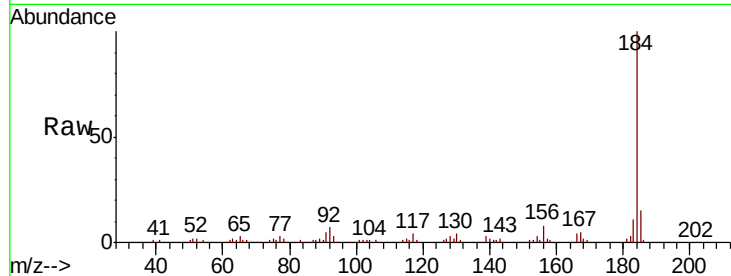
ClientSampleId :

SSTDCCC040

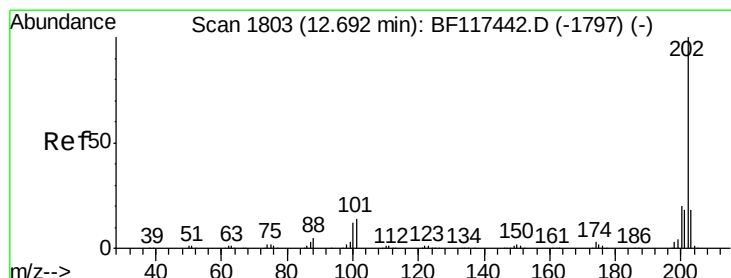
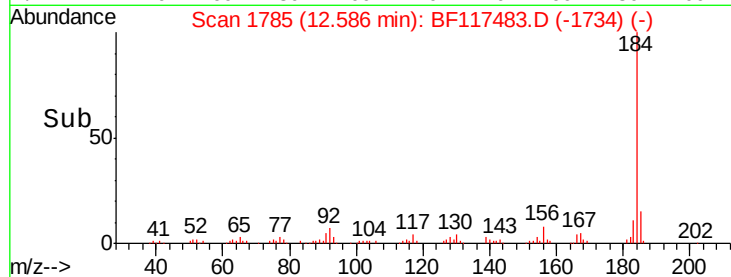
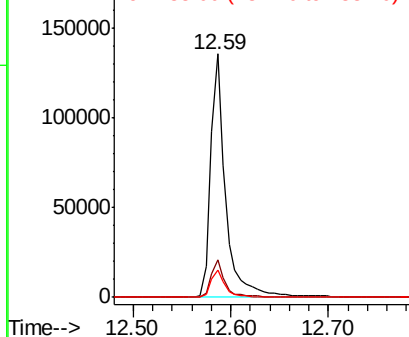
Tot Ion:	184	Resp:	144803
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.4	17.0
183	11.4	9.6	14.4

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



#78

Pyrene

Concen: 39.823 ng

RT: 12.69 min Scan# 1803

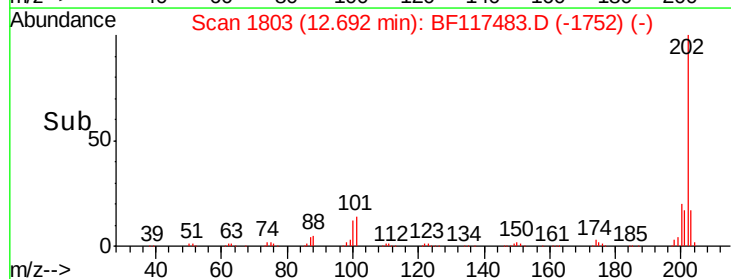
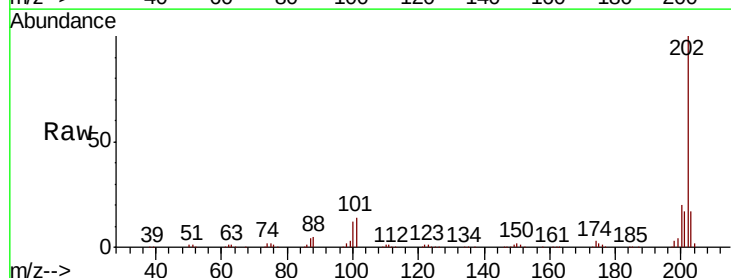
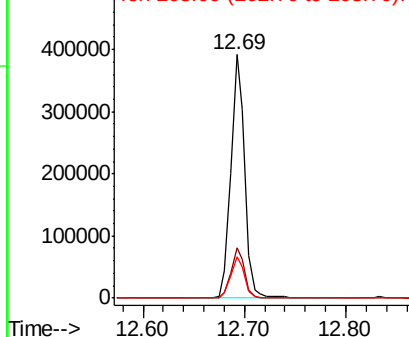
Delta R.T. 0.00 min

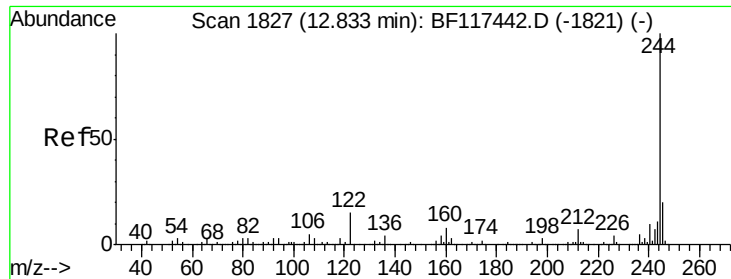
Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:	202	Resp:	370475
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.2	24.2
203	16.9	14.0	21.0

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





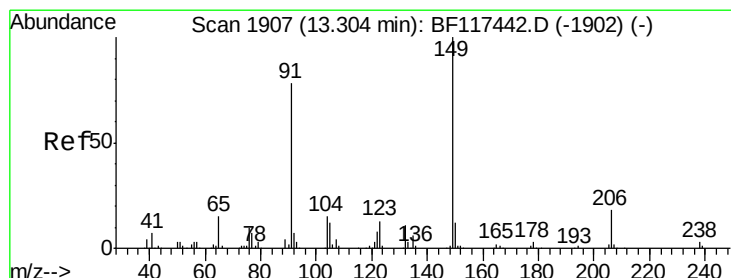
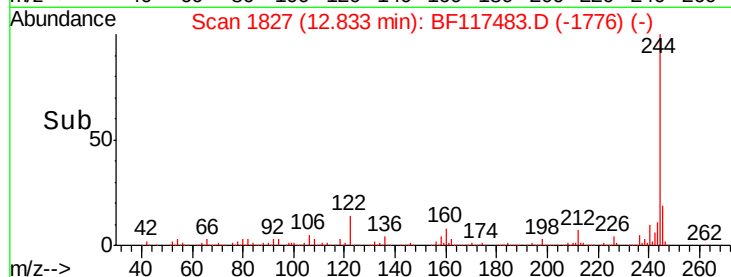
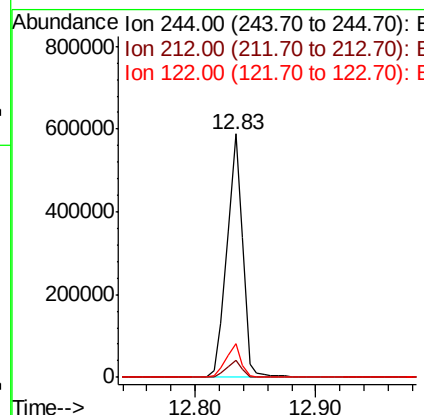
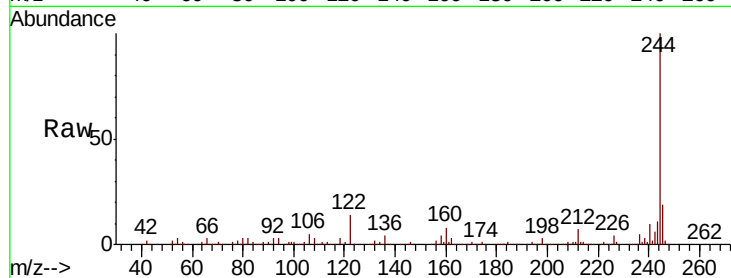
#79
 Terphenyl-d14
 Concen: 79.459 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.6	11.8	17.8

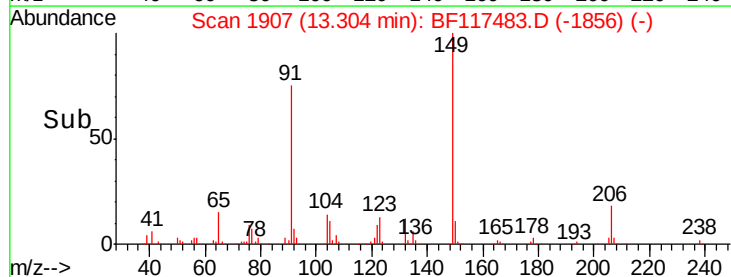
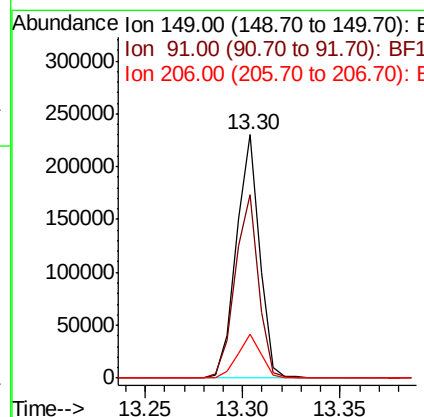
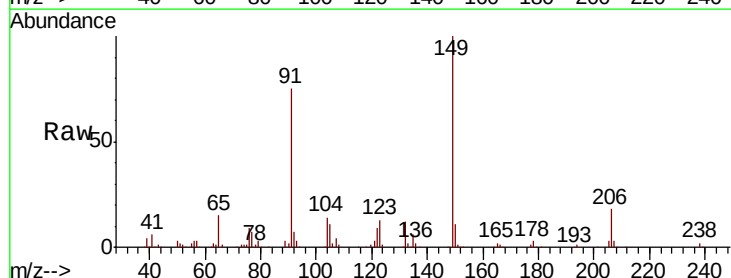
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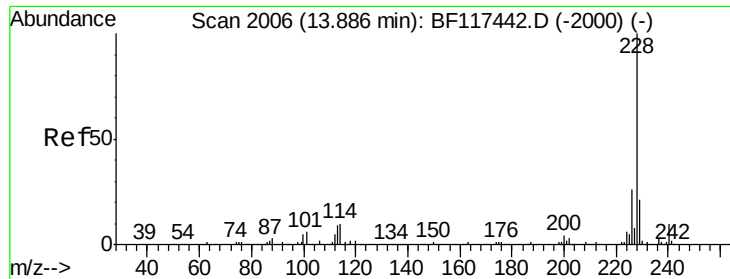
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.226 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117483.D
 Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.1	93.1
206	18.1	14.3	21.5





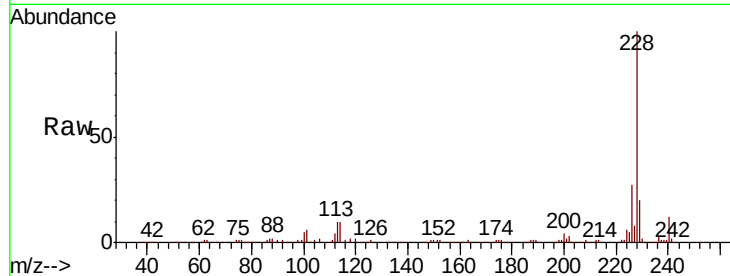
#81
Benzo(a)anthracene
Concen: 40.957 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	19.9	16.4	24.6

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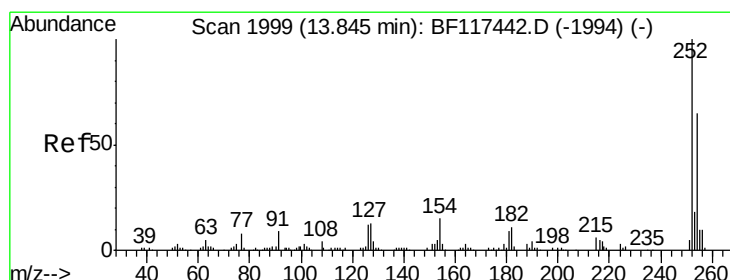
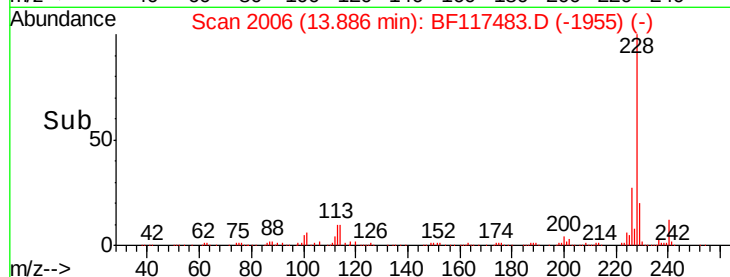
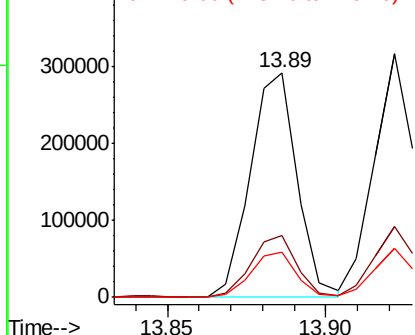


Abundance

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



#82
3,3'-Dichlorobenzidine
Concen: 42.968 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

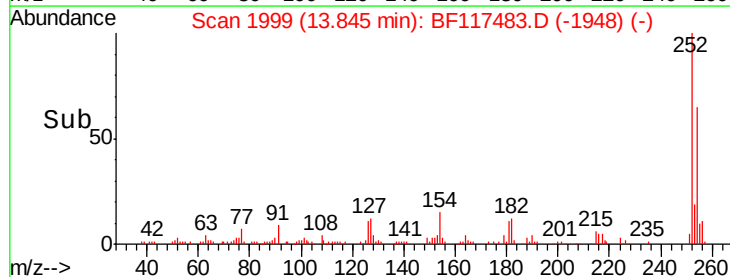
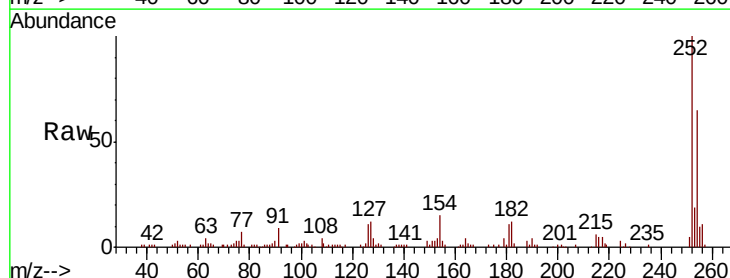
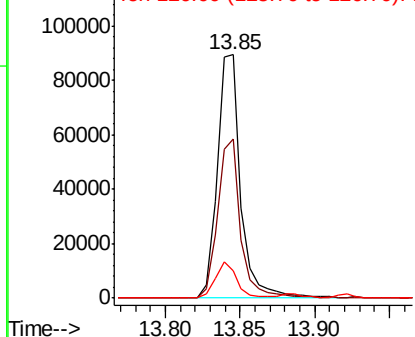
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.4
126	11.5	9.2	13.8

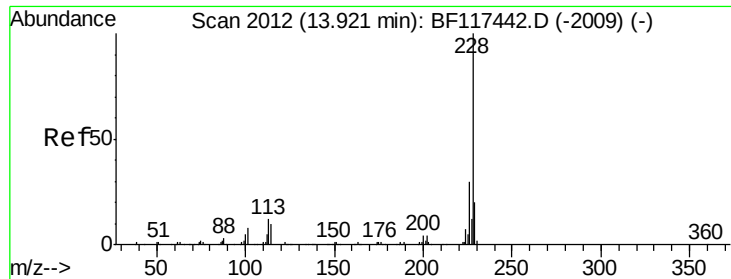
Abundance

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: 39.416 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

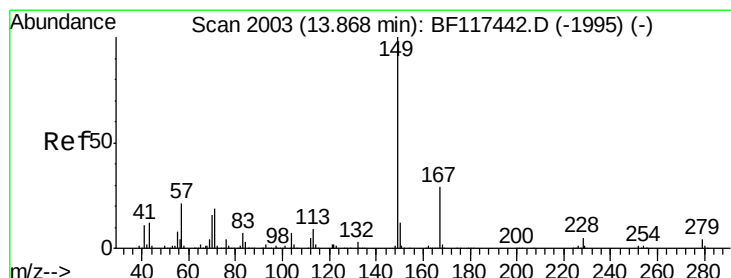
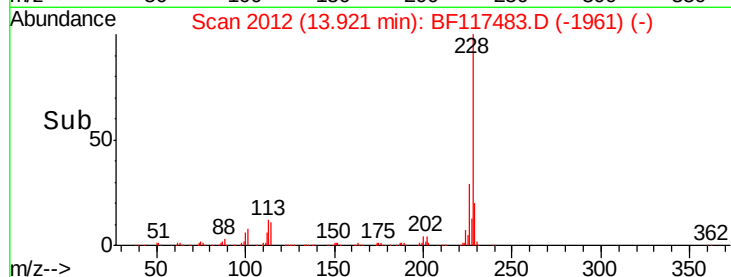
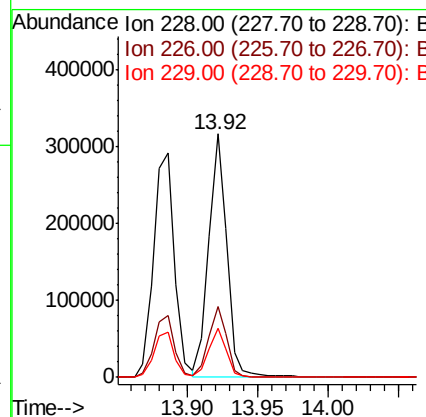
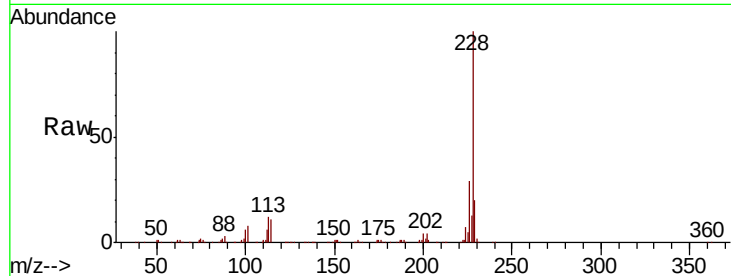
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	282227
Ion Ratio		Lower	Upper
228	100		
226	29.2	23.9	35.9
229	20.1	15.8	23.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.491 ng

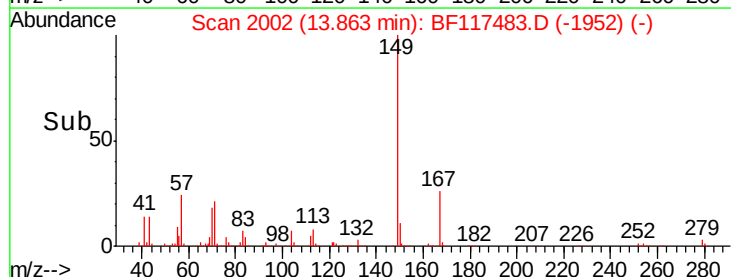
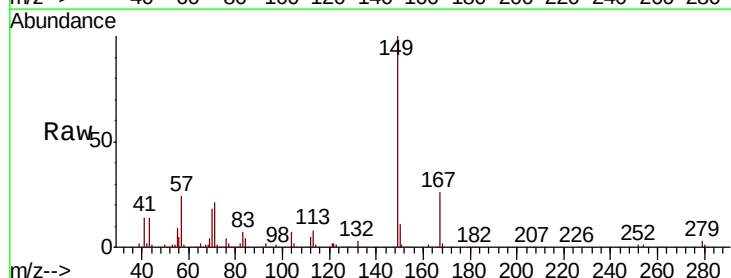
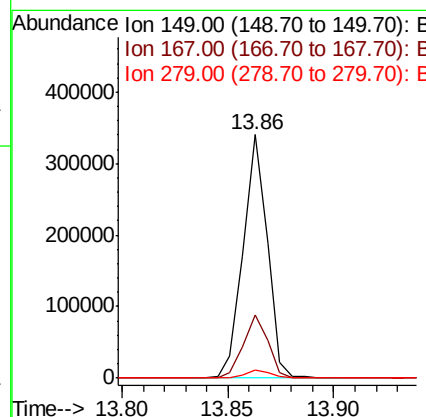
RT: 13.86 min Scan# 2002

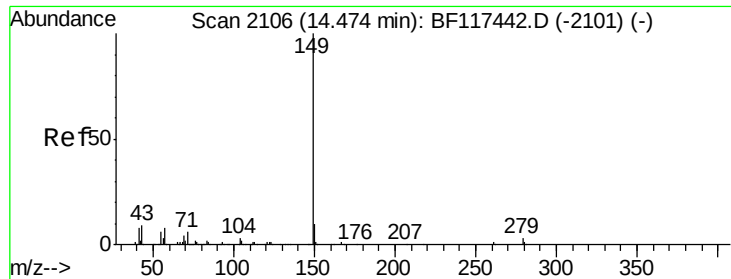
Delta R.T. -0.01 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Tgt Ion:	149	Resp:	269065
Ion Ratio		Lower	Upper
149	100		
167	26.2	23.3	34.9
279	3.2	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 42.715 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BF117483.D

Acq: 23 Oct 2019 15:10

Instrument :

BNA_F

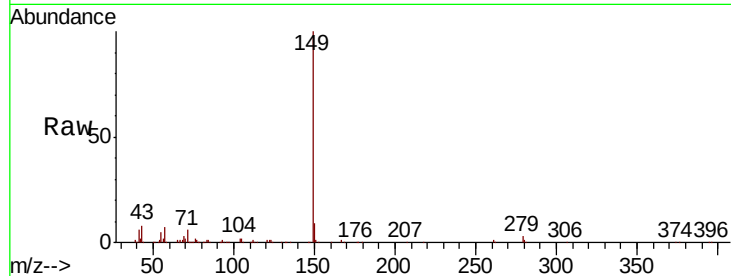
ClientSampleId :

SSTDCCC040

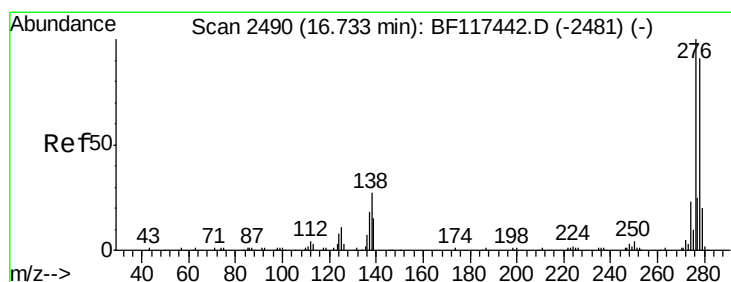
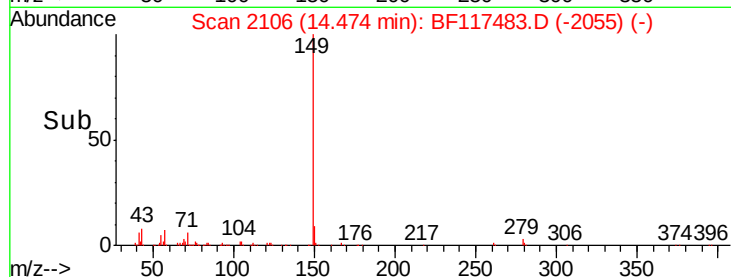
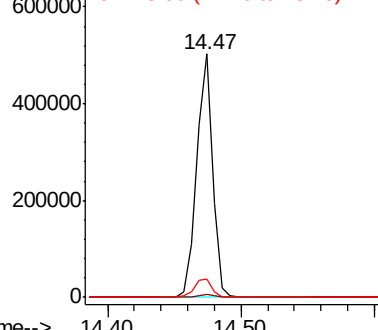
Tot Ion:	149	Resp:	425892
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.4	6.8	10.2

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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: 41.051 ng

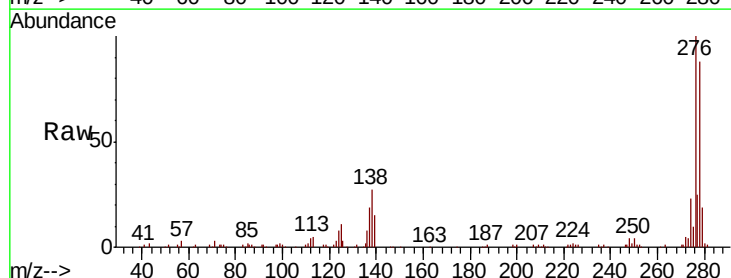
RT: 16.73 min Scan# 2490

Delta R.T. 0.00 min

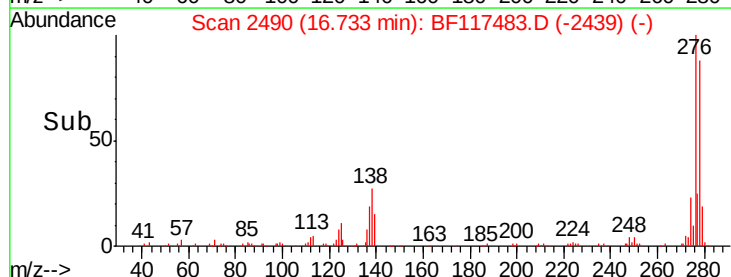
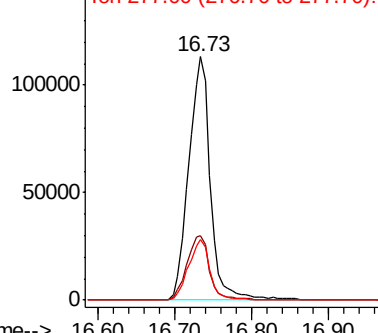
Lab File: BF117483.D

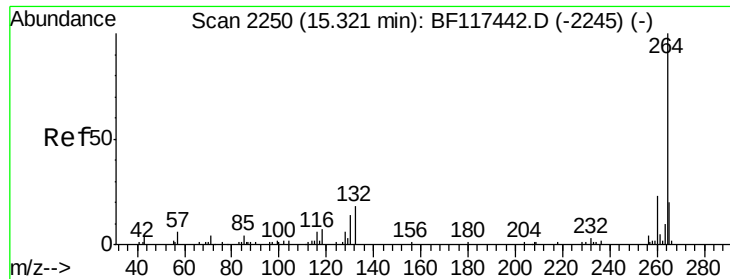
Acq: 23 Oct 2019 15:10

Tgt Ion:	276	Resp:	219449
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.8	32.8
277	24.6	20.0	30.0



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





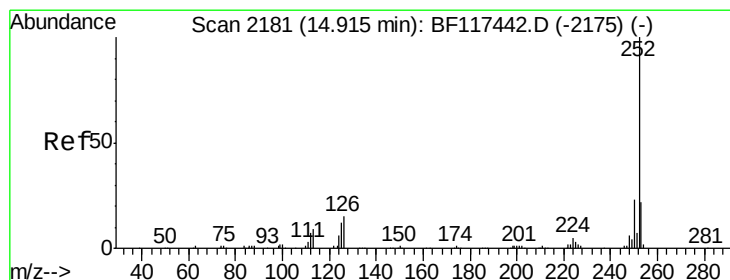
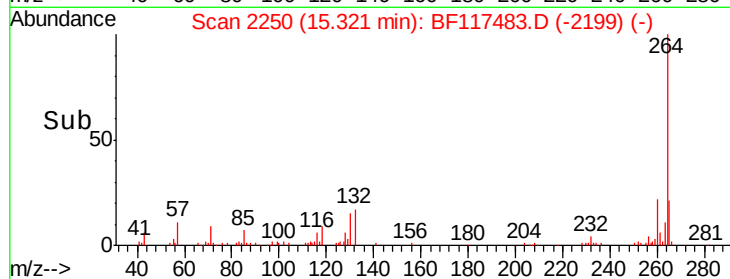
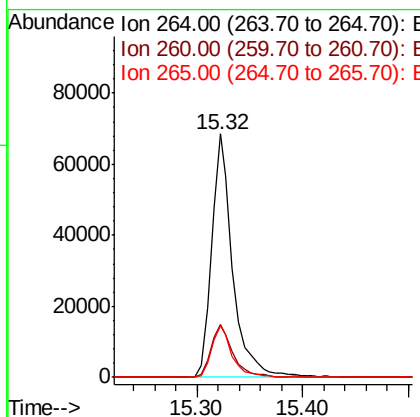
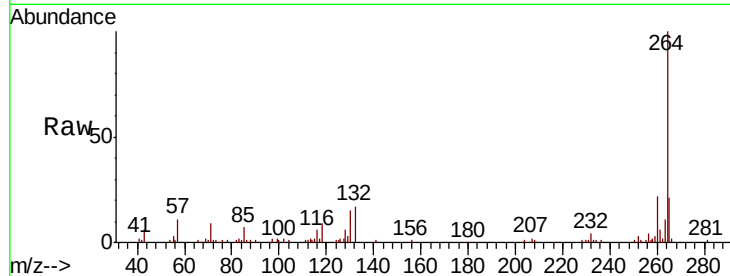
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	21.4	16.1	24.1

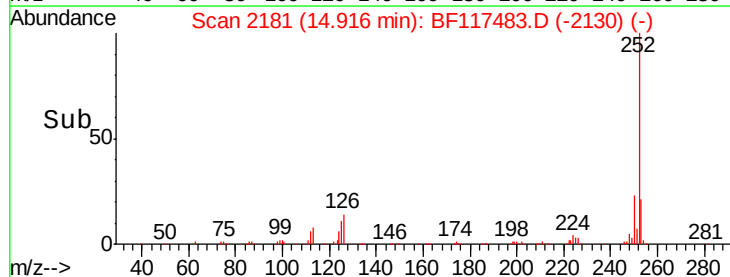
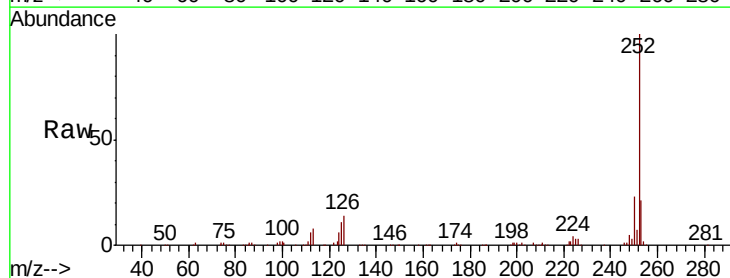
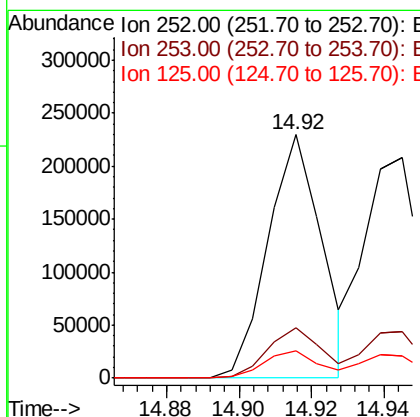
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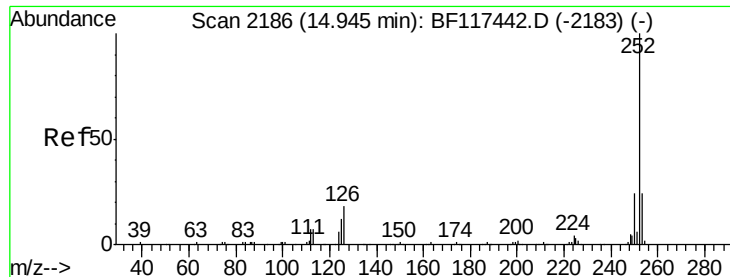
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#88
Benzo(b)fluoranthene
Concen: 41.983 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	11.4	9.9	14.9





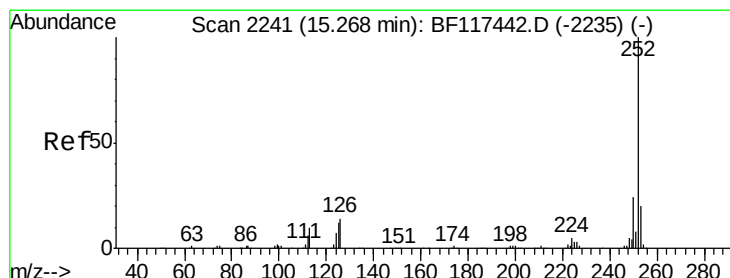
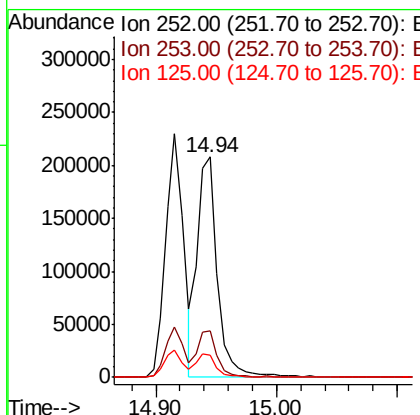
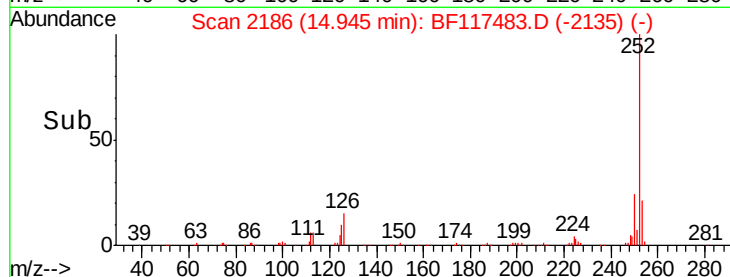
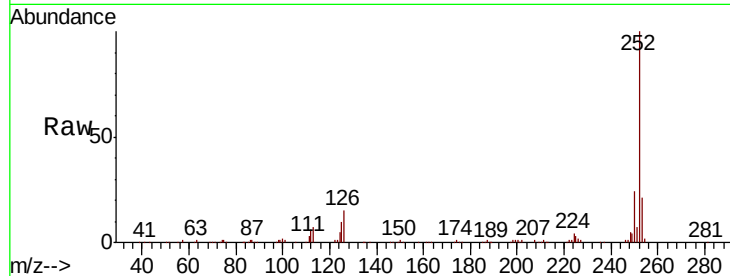
#89
Benzo(k)fluoranthene
Concen: 41.715 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	10.1	8.9	13.3

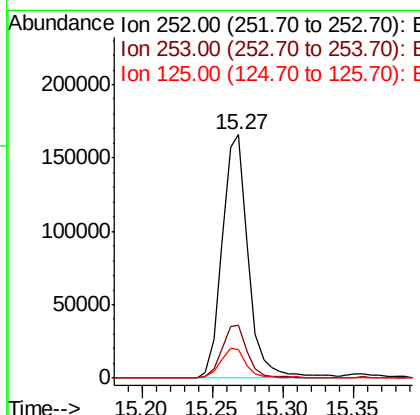
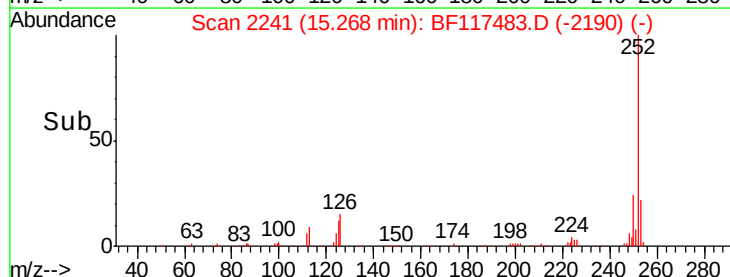
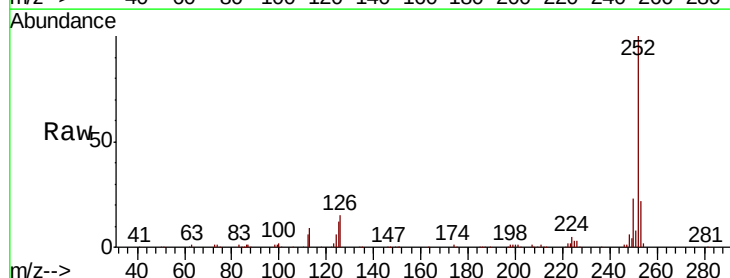
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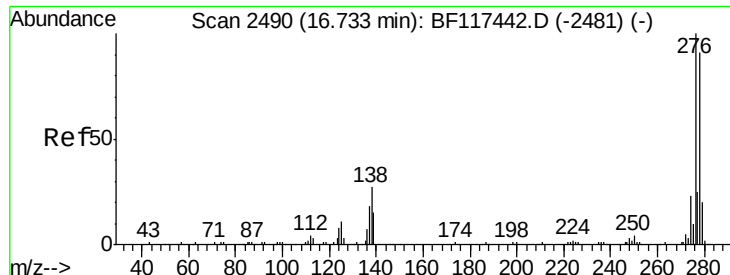
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#90
Benzo(a)pyrene
Concen: 41.528 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.3	24.5
125	12.0	9.2	13.8





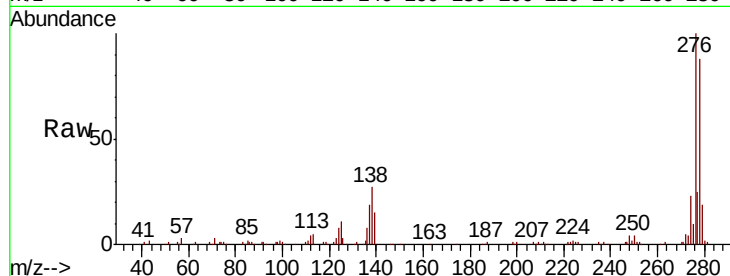
#91
Dibenzo(a,h)anthracene
Concen: 41.422 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.4	20.0
279	22.1	17.8	26.6

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mohammad
10/24/2019 2:10:47 PM

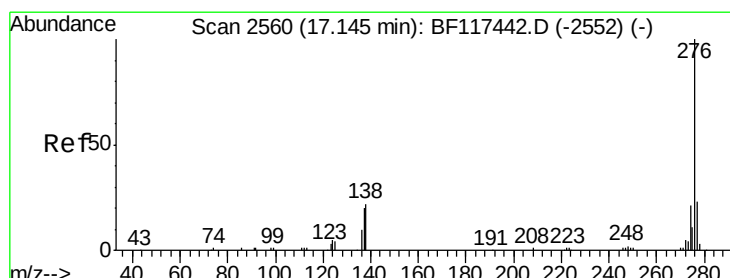
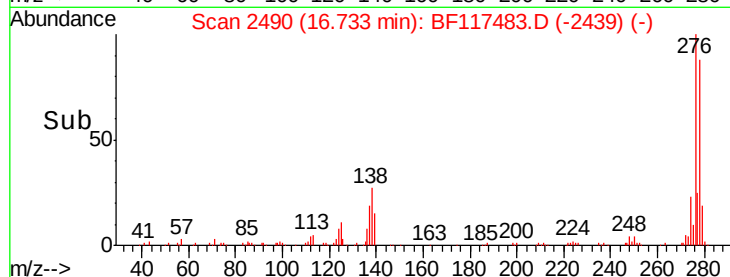
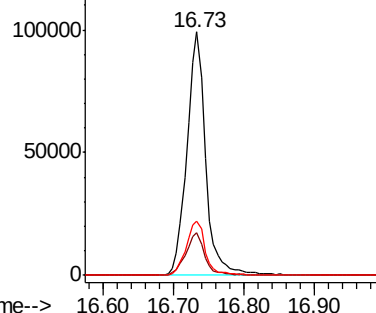


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.076 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117483.D
Acq: 23 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.4	27.6
138	22.8	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

