

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117109.D
 Acq On : 17 Sep 2019 16:24
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
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mohammad
 9/19/2019 4:45:16 PM

Quant Time: Sep 18 12:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78816	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	331574	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	173749	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	285872	20.00	ng	0.00
76) Chrysene-d12	13.97	240	194755	20.00	ng	0.00
87) Perylene-d12	15.42	264	152544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	356119	70.54	ng	0.00
7) Phenol-d6	6.47	99	493418	75.63	ng	0.01
23) Nitrobenzene-d5	7.39	82	481286	76.27	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	115685	79.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	850691	76.55	ng	0.00
79) Terphenyl-d14	12.92	244	827474	79.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	65199	30.864	ng	97
3) Pyridine	3.32	79	165033	28.543	ng	95
4) n-Nitrosodimethylamine	3.25	42	54603m	27.519	ng	
6) Aniline	6.49	93	315075	37.509	ng	# 86
8) 2-Chlorophenol	6.62	128	206973	38.004	ng	96
9) Benzaldehyde	6.37	77	137857	42.996	ng	97
10) Phenol	6.48	94	268375	37.314	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	201749	38.166	ng	100
12) 1,3-Dichlorobenzene	6.77	146	233597	38.224	ng	96
13) 1,4-Dichlorobenzene	6.84	146	238704	38.275	ng	99
14) 1,2-Dichlorobenzene	7.00	146	221032	38.066	ng	99
15) Benzyl Alcohol	6.97	79	194622	38.900	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	196934	37.708	ng	88
17) 2-Methylphenol	7.09	107	171723	37.623	ng	95
18) Hexachloroethane	7.33	117	91434	38.110	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	156989	39.516	ng	94
20) 3+4-Methylphenols	7.24	107	218327	38.402	ng	# 87
22) Acetophenone	7.23	105	317830	37.728	ng	# 98
24) Nitrobenzene	7.41	77	234395	37.612	ng	95
25) Isophorone	7.65	82	428899	38.386	ng	99
26) 2-Nitrophenol	7.72	139	110160	41.153	ng	96
27) 2,4-Dimethylphenol	7.76	122	160688	37.854	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	262671	38.156	ng	99
29) 2,4-Dichlorophenol	7.97	162	171057	38.458	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	181741	37.820	ng	100
31) Naphthalene	8.13	128	603299	37.832	ng	99
32) Benzoic acid	7.90	122	115248	37.610	ng	95
33) 4-Chloroaniline	8.17	127	265971	37.604	ng	99
34) Hexachlorobutadiene	8.25	225	107555	39.450	ng	97
35) Caprolactam	8.55	113	58054	38.561	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	200279	38.617	ng	98
37) 2-Methylnaphthalene	8.82	142	417970	38.923	ng	98
38) 1-Methylnaphthalene	8.92	142	390445	38.822	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	169513	37.782	ng	99

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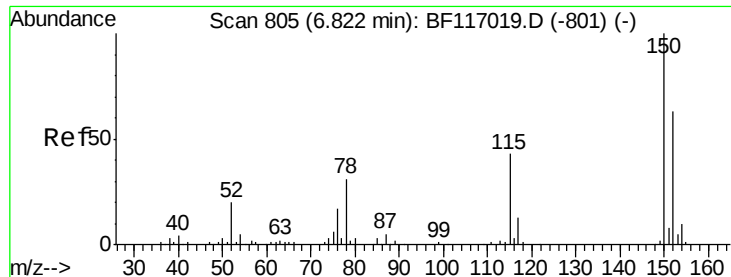
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	81178	44.765	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	115286	37.863	ng	96
44) 2,4,5-Trichlorophenol	9.14	196	119295	36.671	ng	97
46) 1,1'-Biphenyl	9.28	154	519752	38.136	ng	98
47) 2-Chloronaphthalene	9.30	162	404970	37.650	ng	100
48) 2-Nitroaniline	9.40	65	134778	39.066	ng	96
49) Acenaphthylene	9.72	152	614592	38.142	ng	99
50) Dimethylphthalate	9.57	163	475875	38.682	ng	100
51) 2,6-Dinitrotoluene	9.64	165	100491	40.107	ng	89
52) Acenaphthene	9.89	154	356624	37.336	ng	99
53) 3-Nitroaniline	9.81	138	120963	38.264	ng	91
54) 2,4-Dinitrophenol	9.92	184	39242	41.282	ng	99
55) Dibenzofuran	10.06	168	536052	38.037	ng	100
56) 4-Nitrophenol	9.98	139	86950	42.438	ng	96
57) 2,4-Dinitrotoluene	10.05	165	135664	41.712	ng	96
58) Fluorene	10.40	166	439130	38.682	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93260m	37.463	ng	
60) Diethylphthalate	10.27	149	475617	39.296	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	197266	40.162	ng	98
62) 4-Nitroaniline	10.43	138	126694	38.537	ng	99
63) Azobenzene	10.55	77	468386	37.891	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	51605	40.823	ng	84
66) n-Nitrosodiphenylamine	10.51	169	379185	38.407	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	113413	38.848	ng	98
68) Hexachlorobenzene	10.96	284	121886	38.171	ng	98
69) Atrazine	11.03	200	98737	38.708	ng	99
70) Pentachlorophenol	11.15	266	53588	35.802	ng	98
71) Phenanthrene	11.36	178	614689	37.856	ng	99
72) Anthracene	11.42	178	634751	38.291	ng	98
73) Carbazole	11.57	167	590872	37.551	ng	99
74) Di-n-butylphthalate	11.89	149	754715	40.313	ng	98
75) Fluoranthene	12.54	202	626061	37.525	ng	100
77) Benzidine	12.66	184	223970	35.701	ng	98
78) Pyrene	12.77	202	625799	38.295	ng	99
80) Butylbenzylphthalate	13.38	149	314797	40.768	ng	95
81) Benzo(a)anthracene	13.96	228	497125	38.206	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	158935	37.905	ng	98
83) Chrysene	14.00	228	478885	37.735	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	423686	42.556	ng	97
85) Di-n-octyl phthalate	14.55	149	671164	42.832	ng	97
86) Indeno(1,2,3-cd)pyrene	16.86	276	306135	33.065	ng	98
88) Benzo(b)fluoranthene	15.00	252	373707	40.444	ng	98
89) Benzo(k)fluoranthene	15.03	252	353915	40.434	ng	99
90) Benzo(a)pyrene	15.36	252	319710	39.430	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	252892	39.151	ng	96
92) Benzo(g,h,i)perylene	17.30	276	238900	37.115	ng	95

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



#1

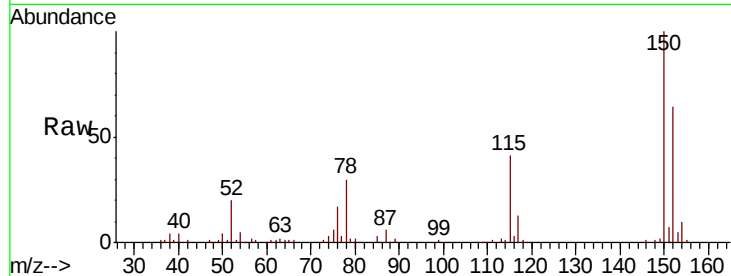
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.5	191.3
115	63.2	55.0	82.4

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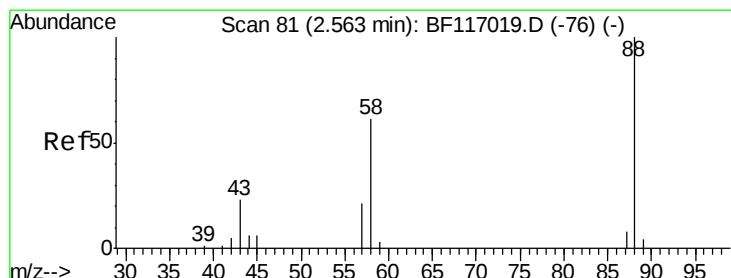
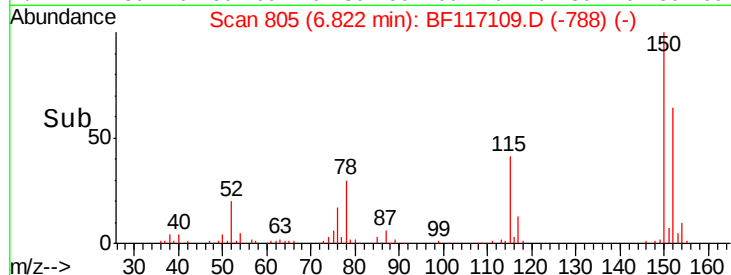
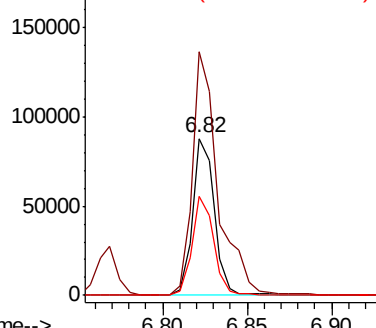


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

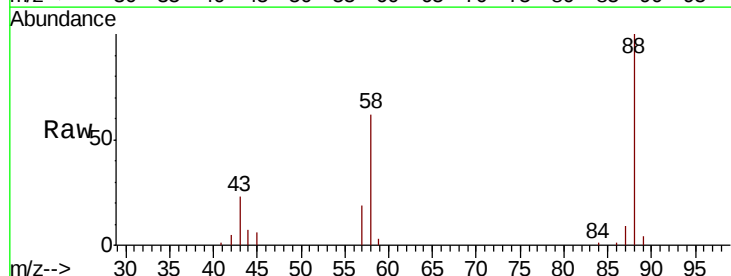
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.864 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	49.3	73.9
43	24.9	18.8	28.2

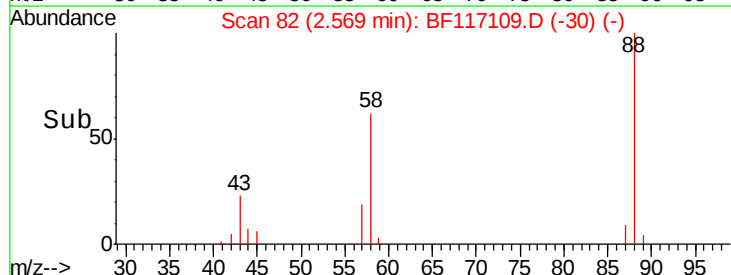
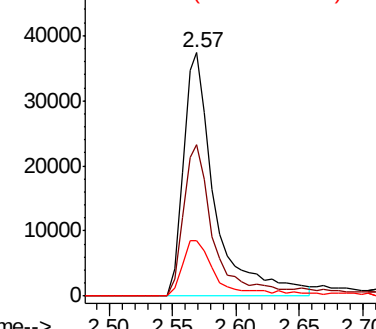


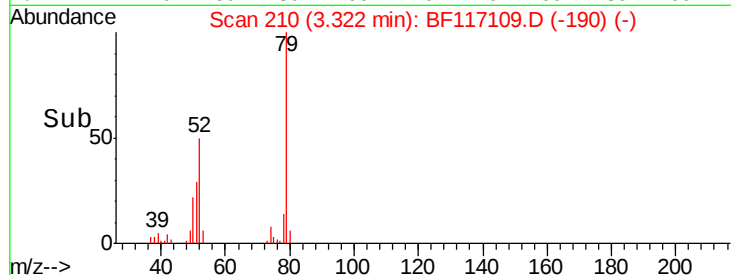
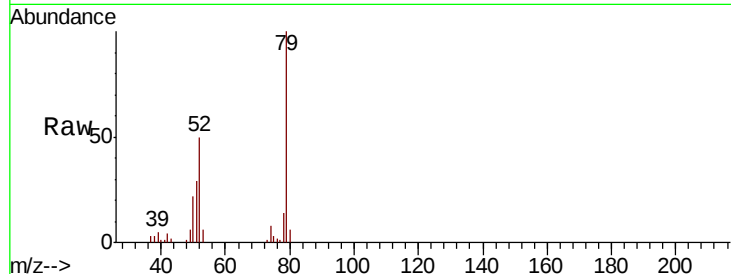
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





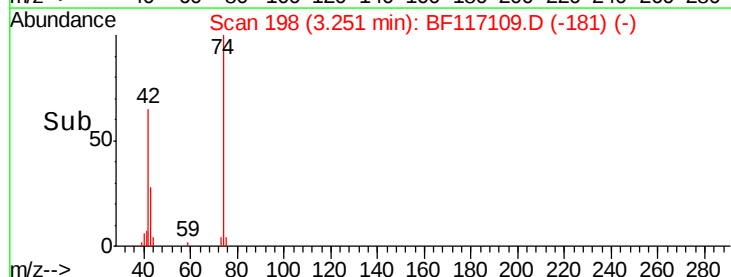
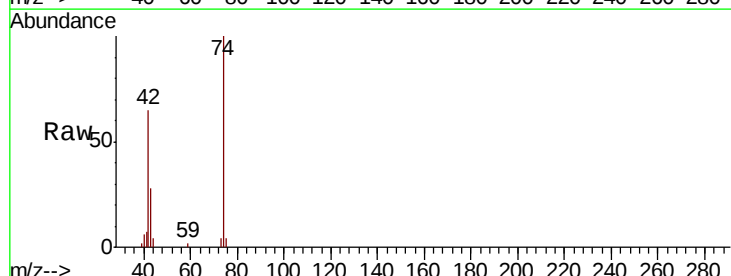
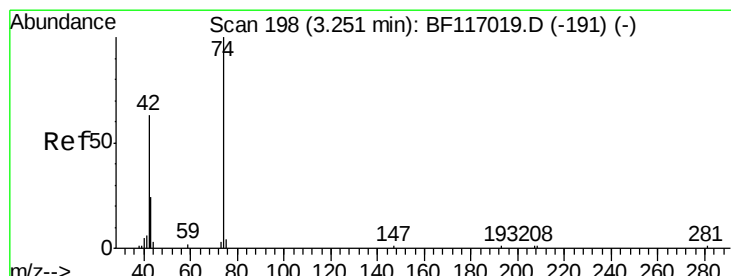
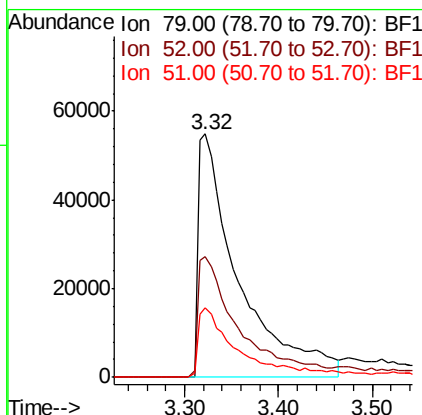
#3
Pvridine
Concen: 28.543 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.02 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	49.7	43.5	65.3
51	28.7	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

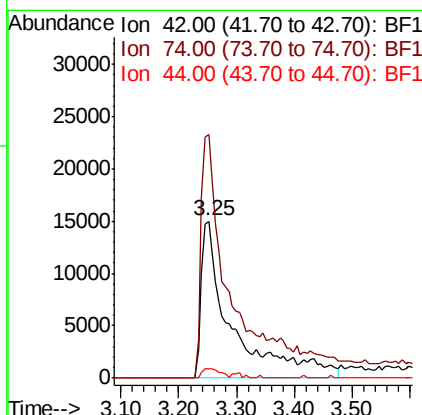
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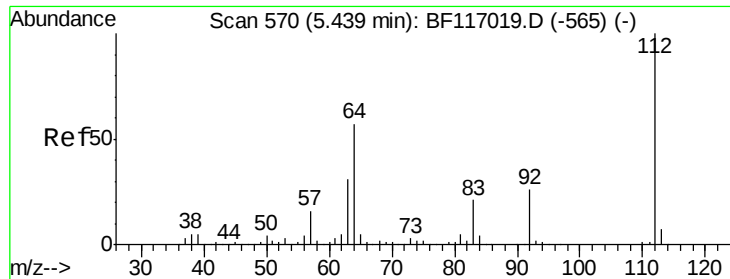
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#4
n-Nitrosodimethylamine
Concen: 27.519 ng m
RT: 3.25 min Scan# 198
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.9	127.1	190.7
44	5.9	4.3	6.5





#5

2-Fluorophenol

Concen: 70.543 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

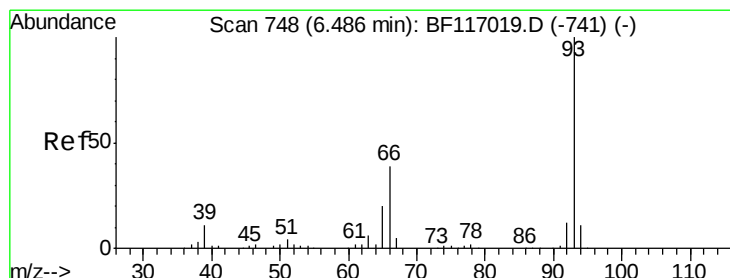
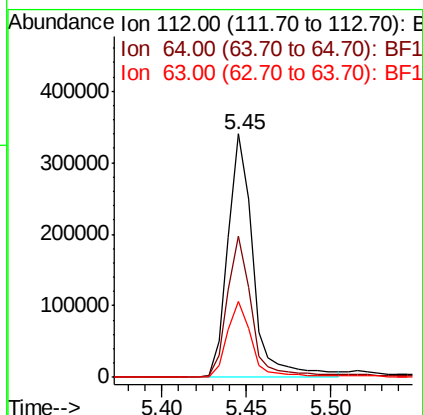
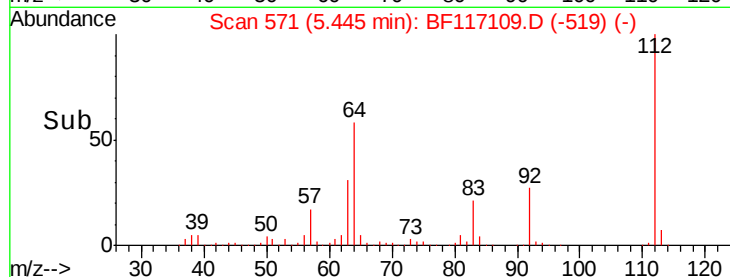
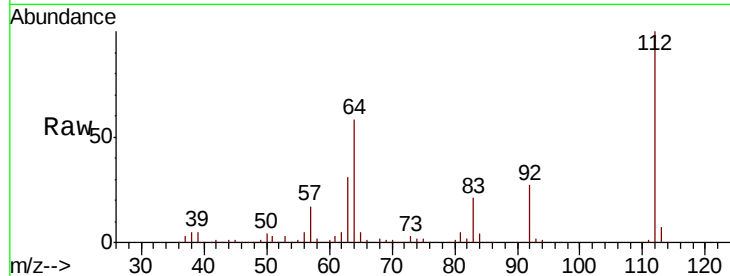
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	356119
Ion Ratio	Lower	Upper	
112	100		
64	58.0	45.7	68.5
63	31.1	24.9	37.3

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#6

Aniline

Concen: 37.509 ng

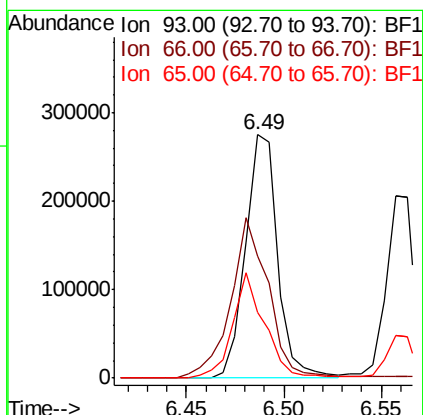
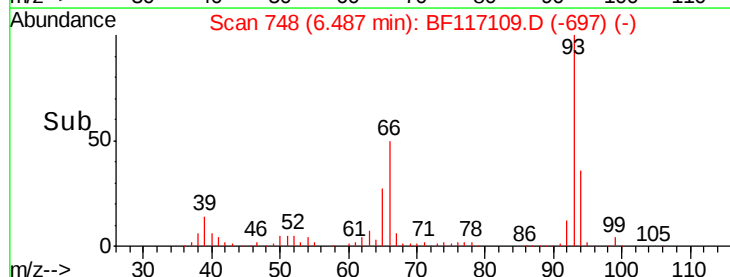
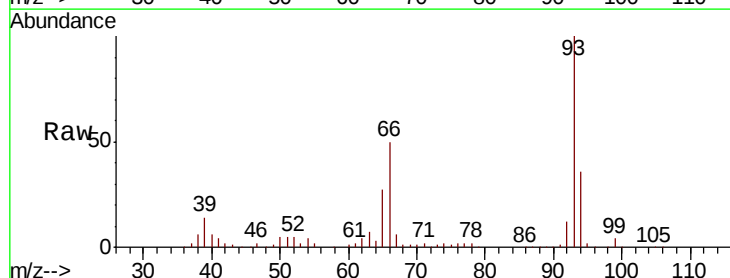
RT: 6.49 min Scan# 748

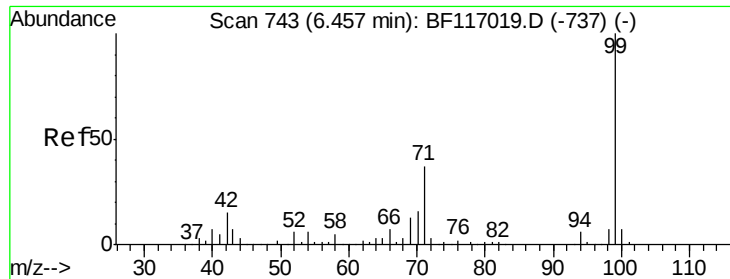
Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:	93	Resp:	315075
Ion Ratio	Lower	Upper	
93	100		
66	50.3	32.6	49.0#
65	26.8	16.7	25.1#





#7

Phenol-d6

Concen: 75.629 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

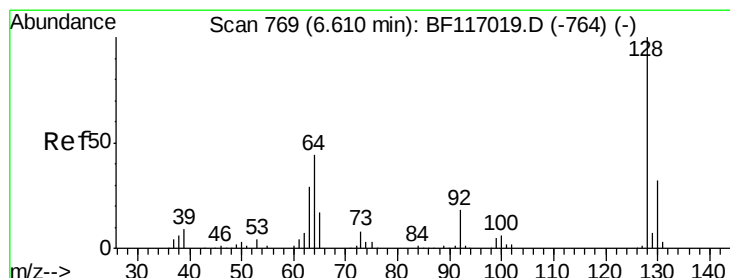
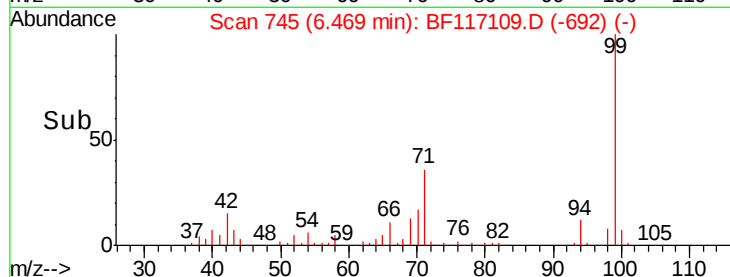
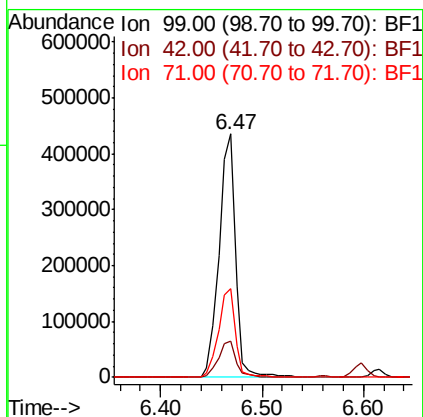
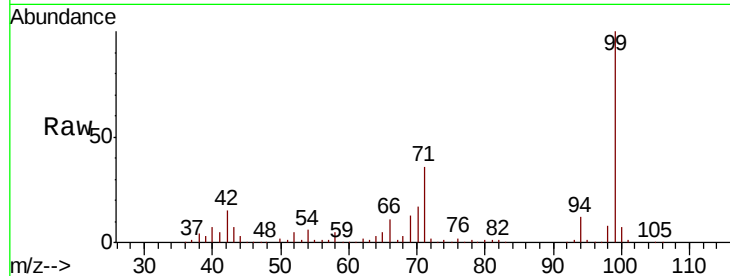
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	493418
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.2	18.2
71	36.5	29.8	44.8

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#8

2-Chlorophenol

Concen: 38.004 ng

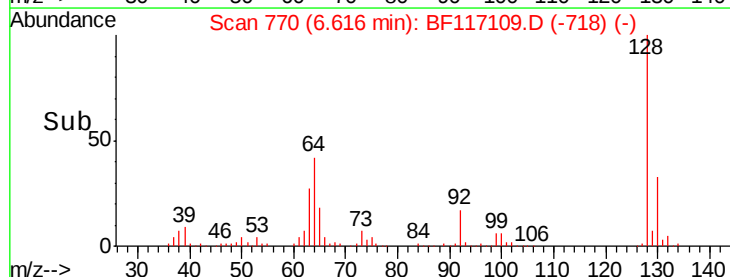
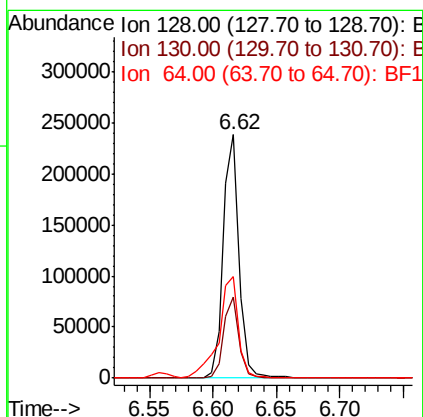
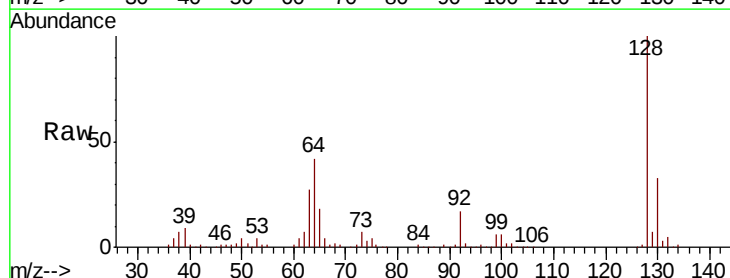
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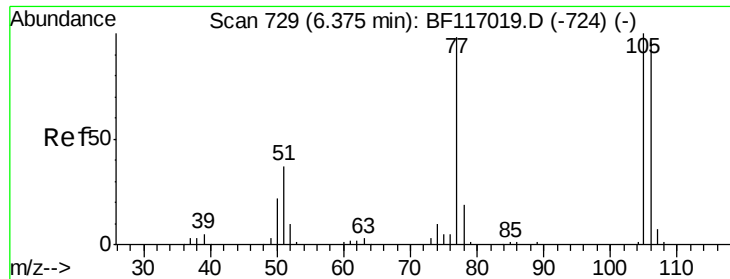
Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:	128	Resp:	206973
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.8	51.8
64	41.7	25.0	65.0





#9

Benzaldehyde

Concen: 42.996 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

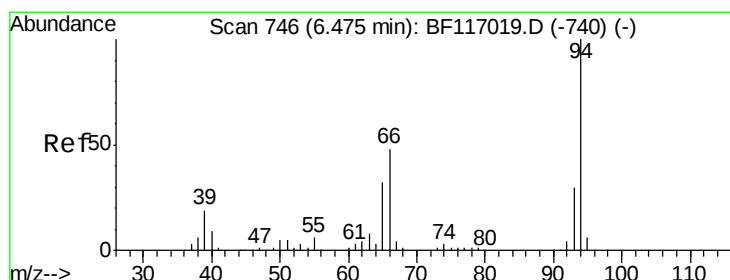
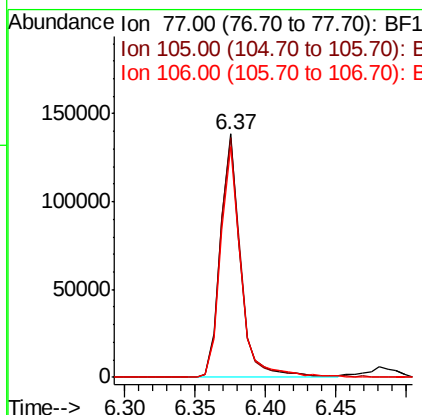
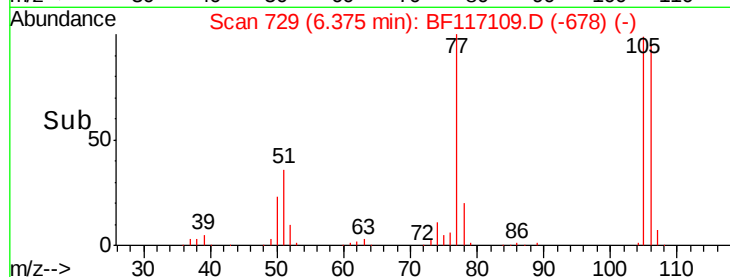
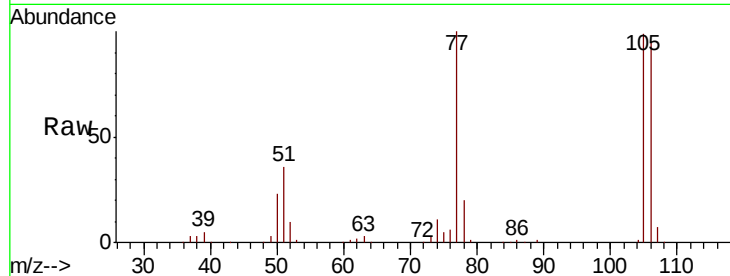
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	137857
Ion Ratio	Lower	Upper	
77	100		
105	98.7	81.8	121.8
106	94.9	77.3	117.3

Manual Integrations
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#10

Phenol

Concen: 37.314 ng

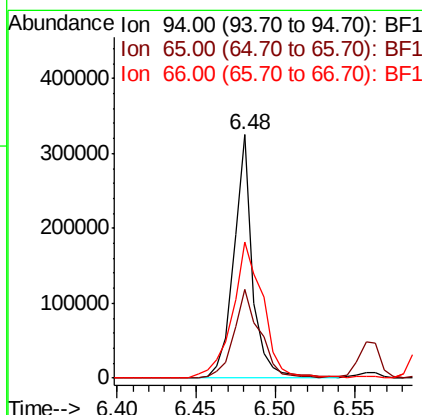
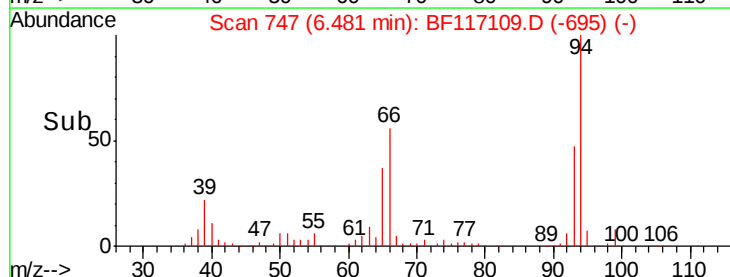
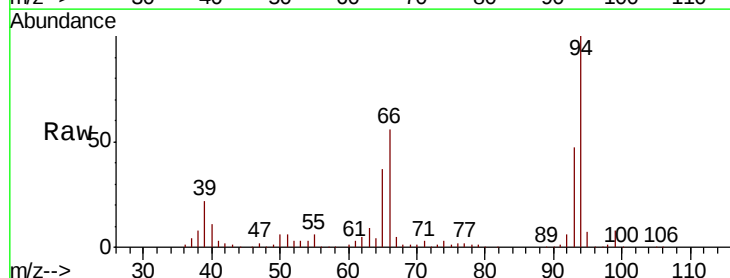
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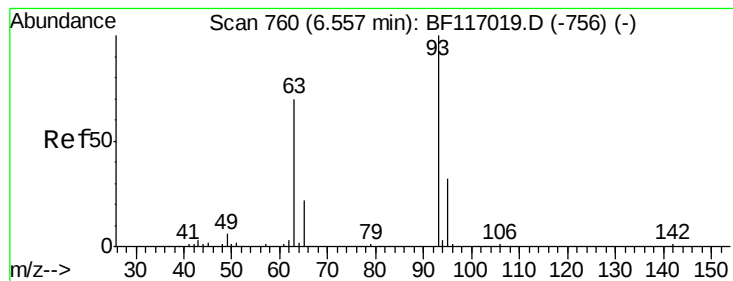
Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:	94	Resp:	268375
Ion Ratio	Lower	Upper	
94	100		
65	36.5	12.5	52.5
66	55.8	28.9	68.9





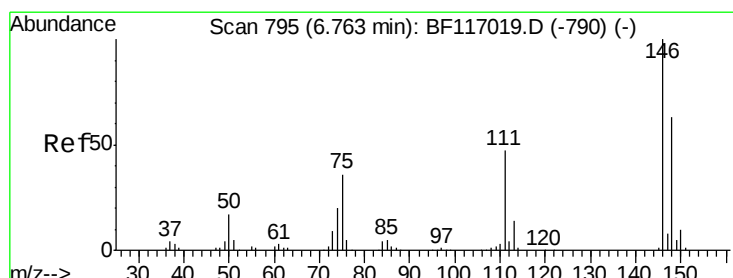
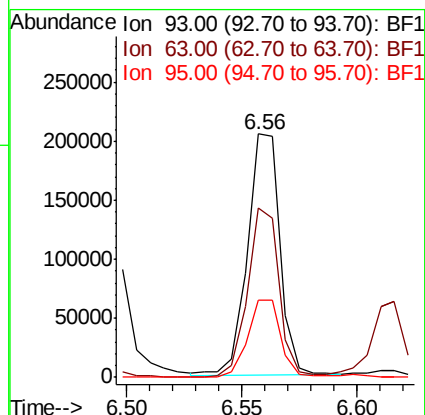
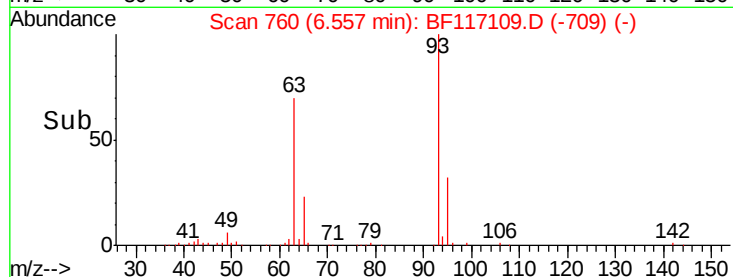
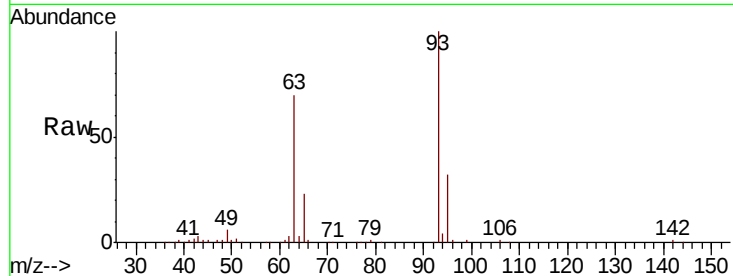
#11
bis(2-Chloroethyl)ether
Concen: 38.166 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	201749
Ion	Ratio	Lower	Upper
93	100		
63	69.6	49.3	89.3
95	31.7	11.5	51.5

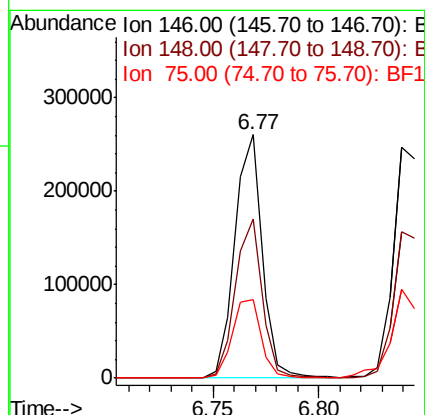
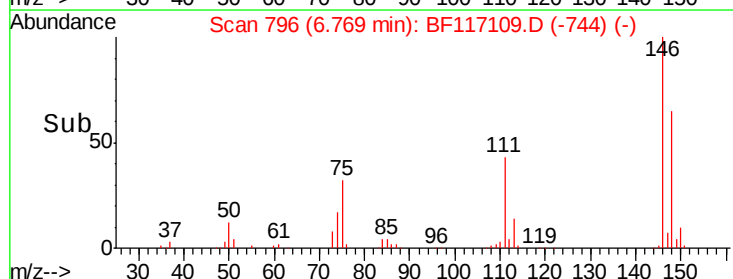
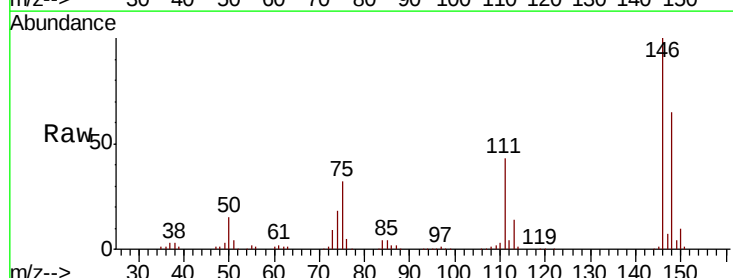
Manual Integrations
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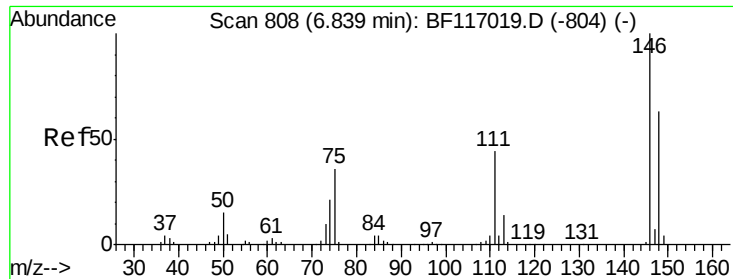
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#12
1,3-Dichlorobenzene
Concen: 38.224 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:	146	Resp:	233597
Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
75	32.4	28.7	43.1





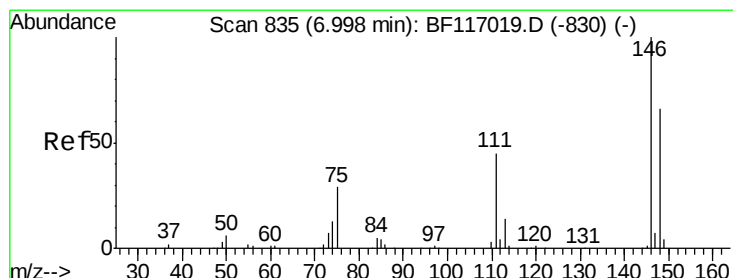
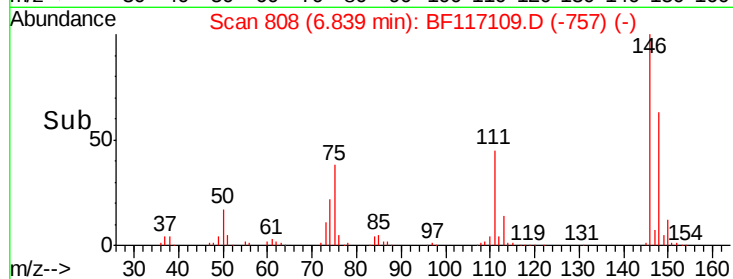
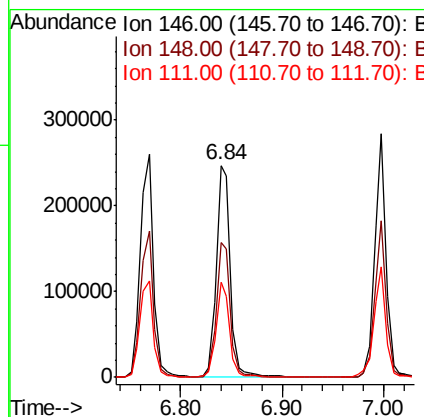
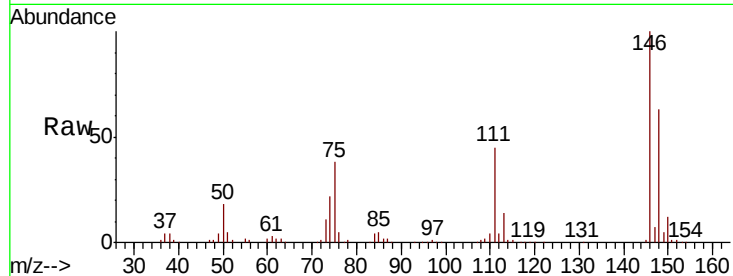
#13
 1,4-Dichlorobenzene
 Concen: 38.275 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	44.8	35.0	52.6

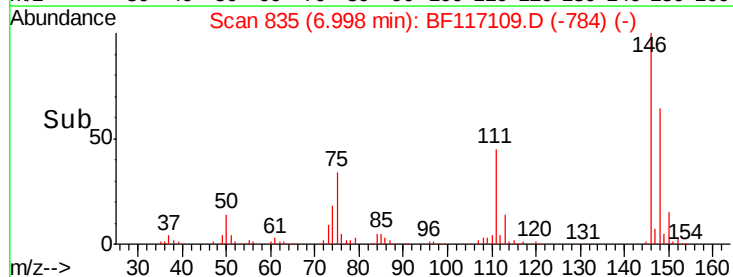
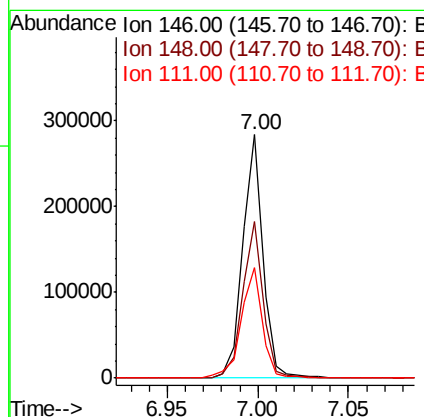
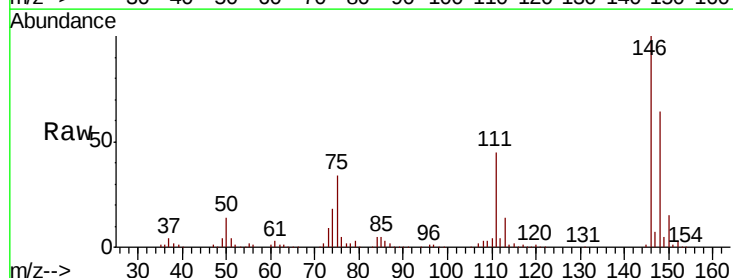
Manual Integrations
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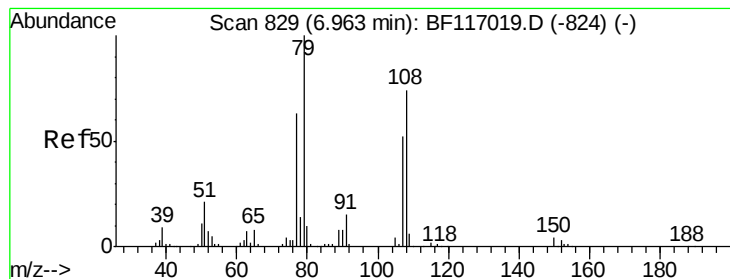
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#14
 1,2-Dichlorobenzene
 Concen: 38.066 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	78.8
111	45.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 38.900 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

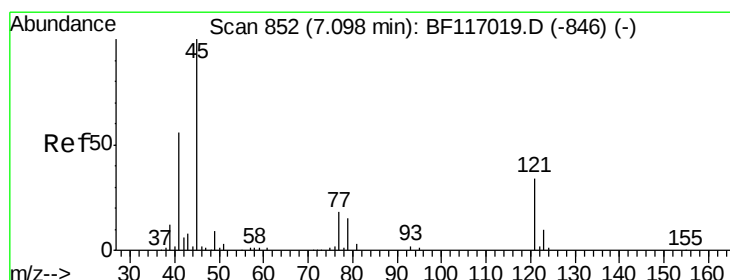
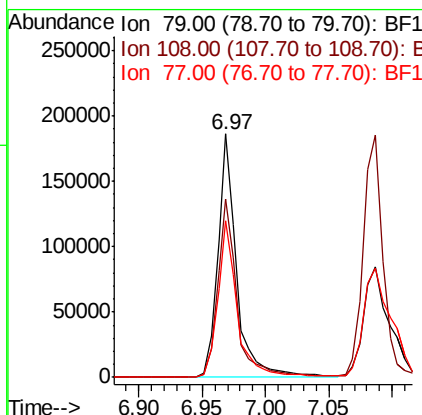
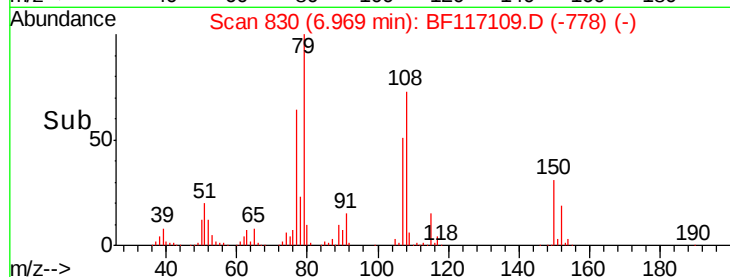
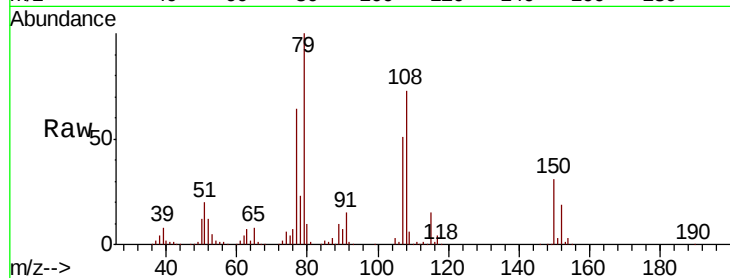
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	194622
Ion	Ratio	Lower	Upper
79	100		
108	73.1	59.4	89.0
77	64.3	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.708 ng

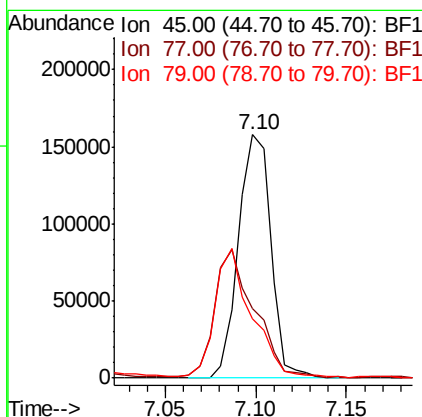
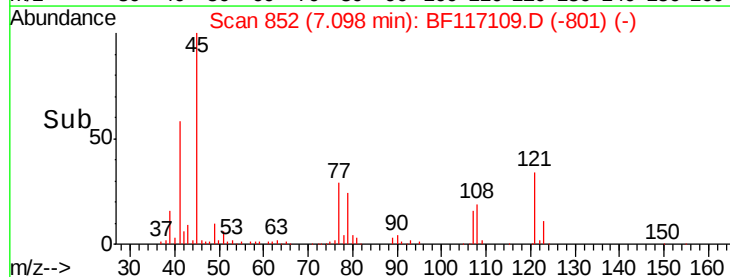
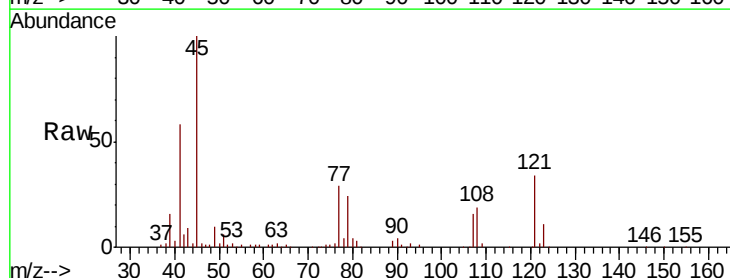
RT: 7.10 min Scan# 852

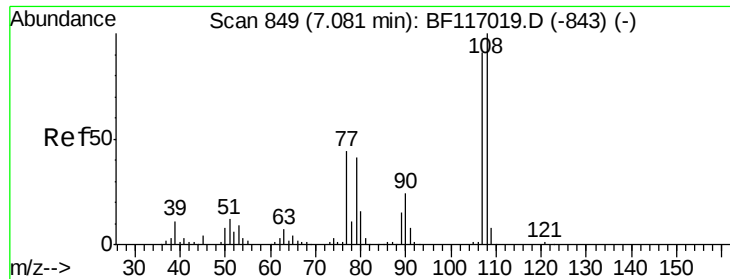
Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:	45	Resp:	196934
Ion	Ratio	Lower	Upper
45	100		
77	28.7	2.7	42.7
79	24.3	0.0	38.9





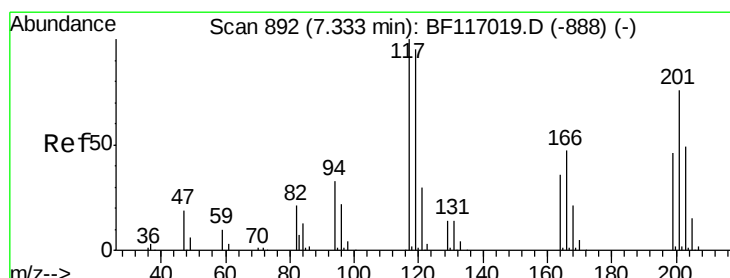
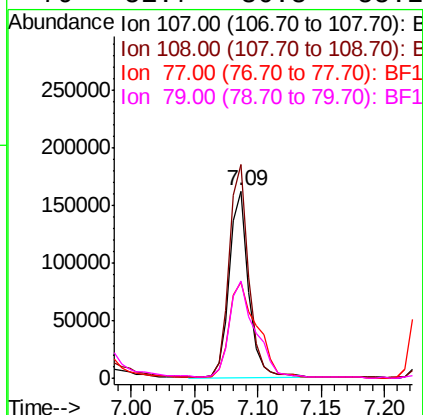
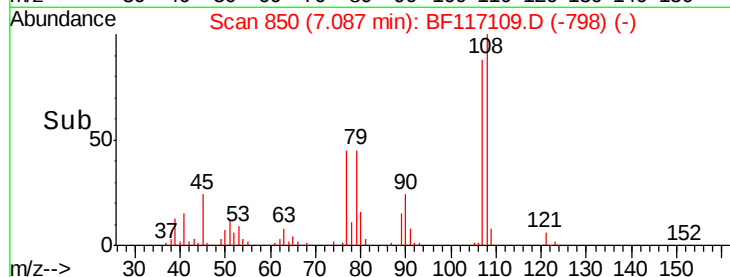
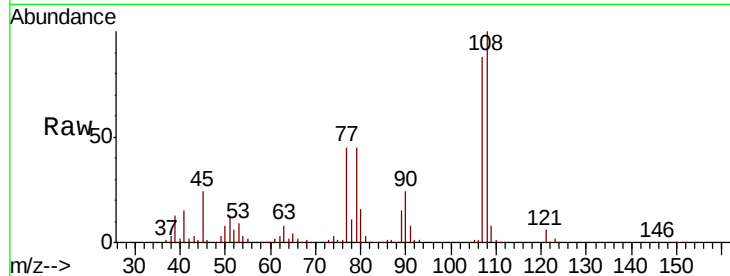
#17
2-Methylphenol
Concen: 37.623 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	87.7	131.5	
77	51.3	38.6	58.0	
79	51.7	36.8	55.2	

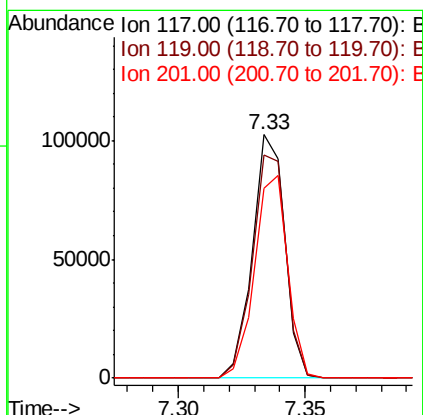
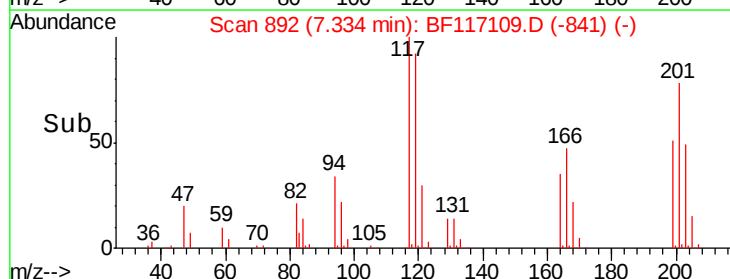
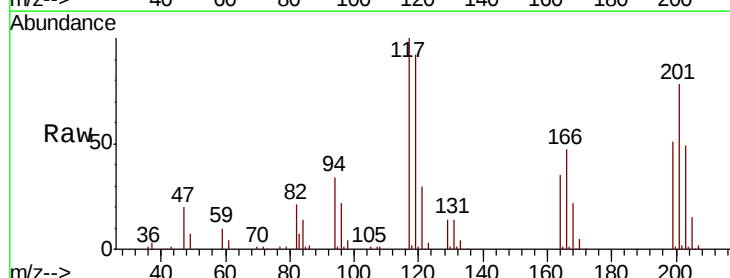
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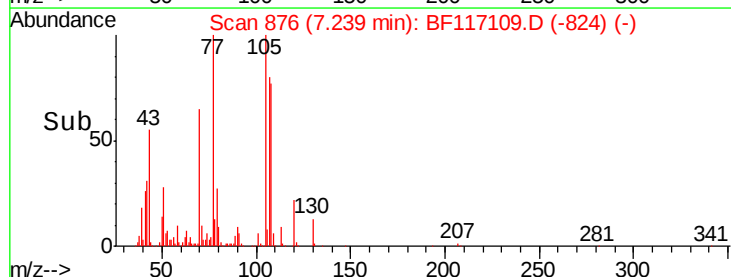
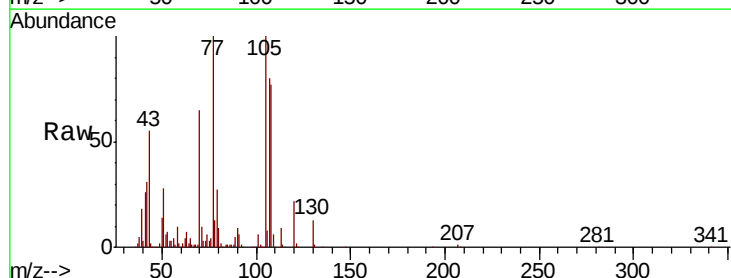
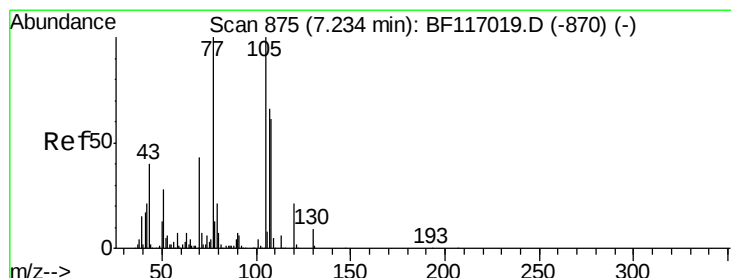
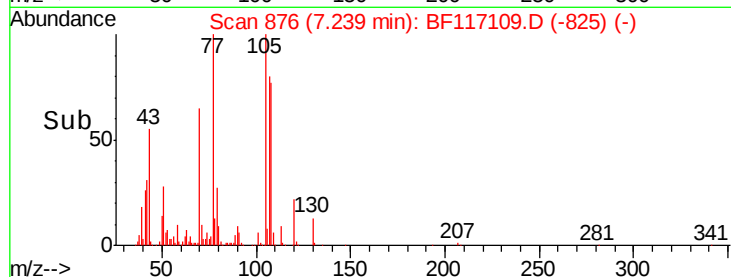
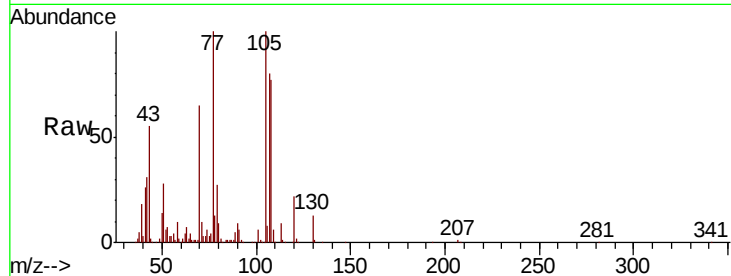
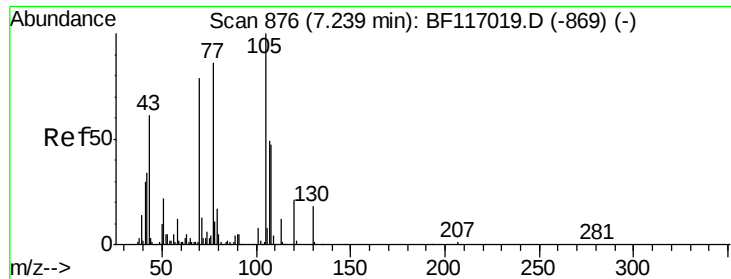
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#18
Hexachloroethane
Concen: 38.110 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.9	75.8	113.8	
201	78.2	60.9	91.3	





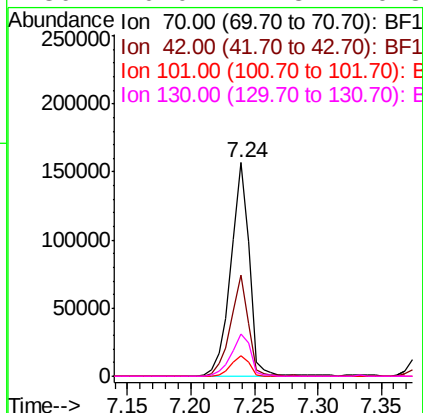
#19
n-Nitroso-di-n-propylamine
Concen: 39.516 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.3	34.0	51.0
101	9.7	7.8	11.6
130	20.0	17.8	26.8

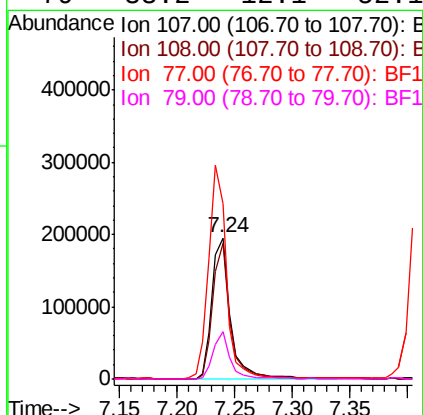
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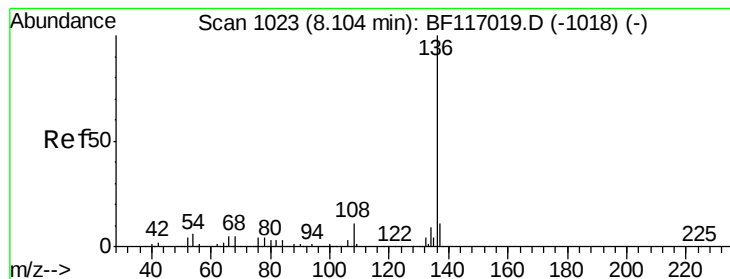
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#20
3+4-Methylphenols
Concen: 38.402 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.8	72.6	112.6
77	124.1	132.1	172.1#
79	33.2	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

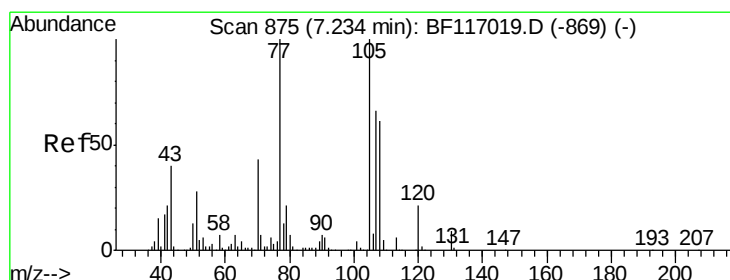
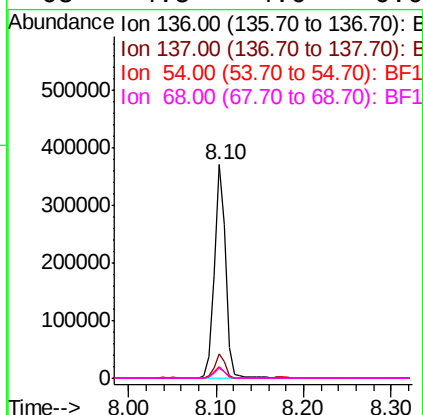
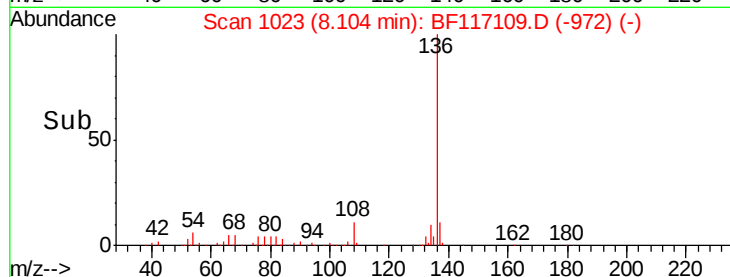
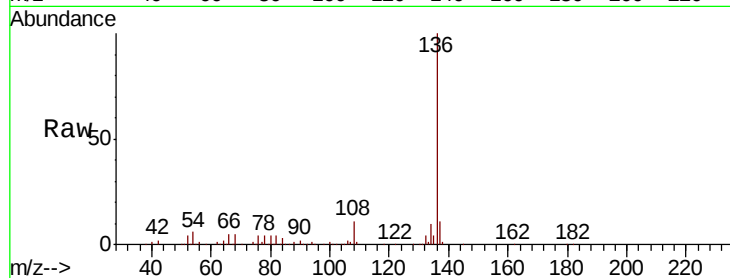
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	331574		
137	11.1	9.0	13.4	
54	5.5	4.5	6.7	
68	4.5	4.0	6.0	

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#22

Acetophenone

Concen: 37.728 ng

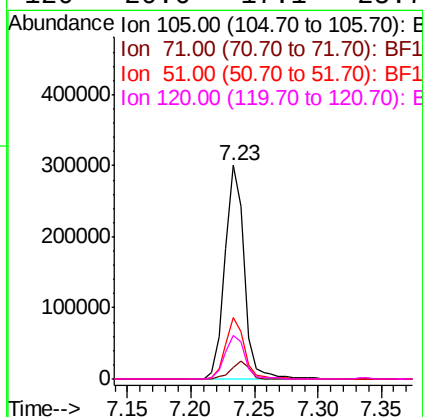
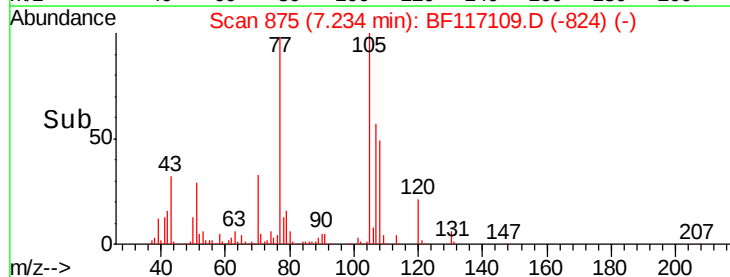
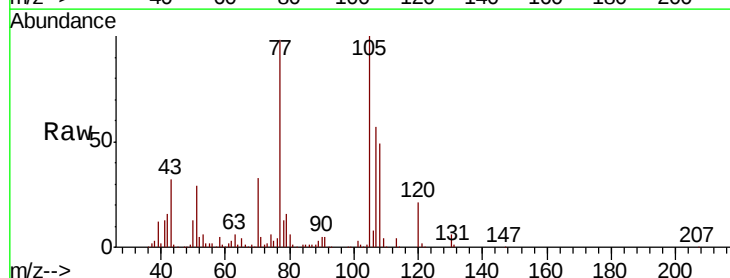
RT: 7.23 min Scan# 875

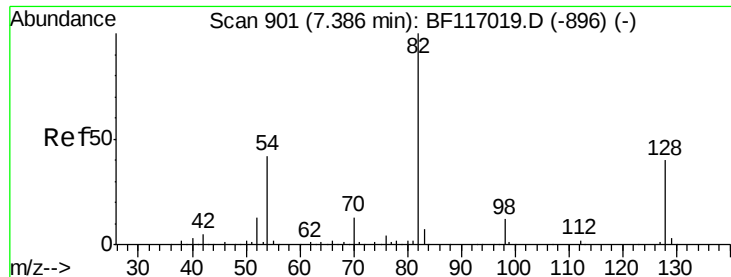
Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317830		
71	5.3	5.7	8.5#	
51	28.8	22.1	33.1	
120	20.6	17.1	25.7	





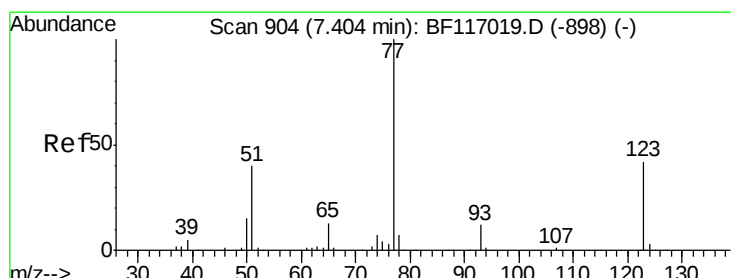
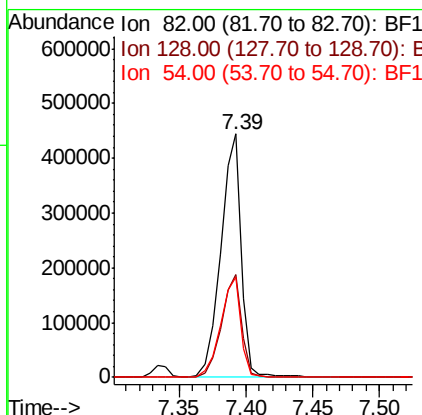
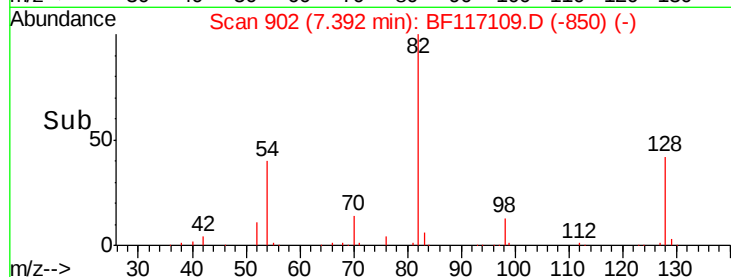
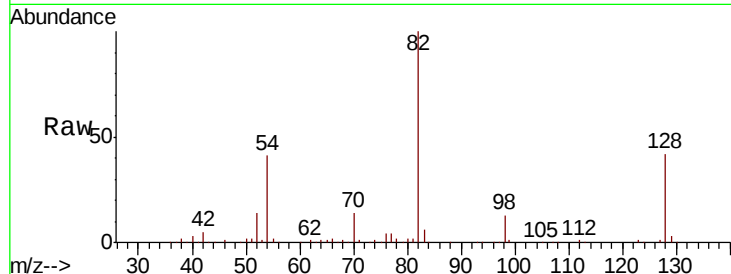
#23
 Nitrobenzene-d5
 Concen: 76.266 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	481286		
128	42.2		32.3	48.5
54	41.1		33.3	49.9

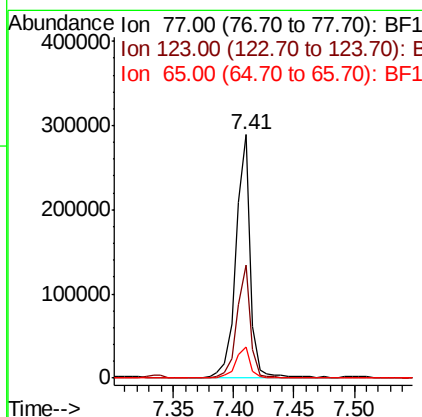
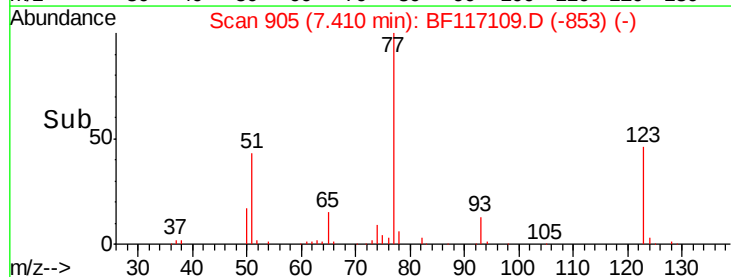
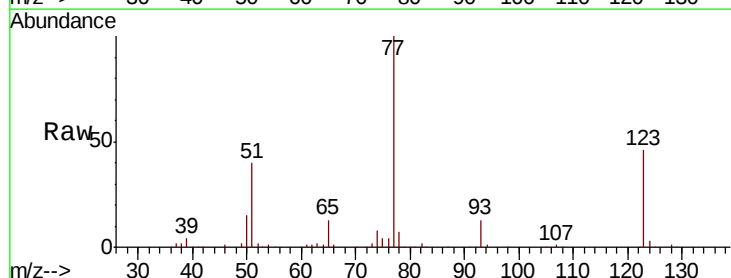
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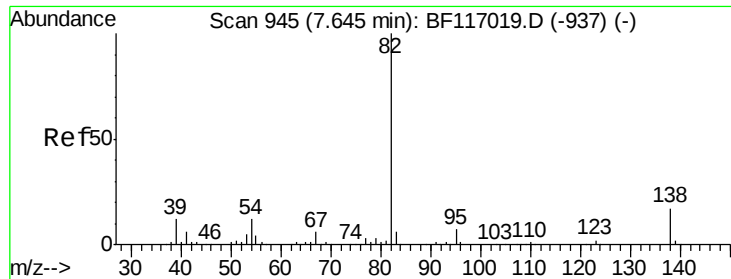
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#24
 Nitrobenzene
 Concen: 37.612 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	234395		
123	46.2		33.5	50.3
65	12.9		10.5	15.7





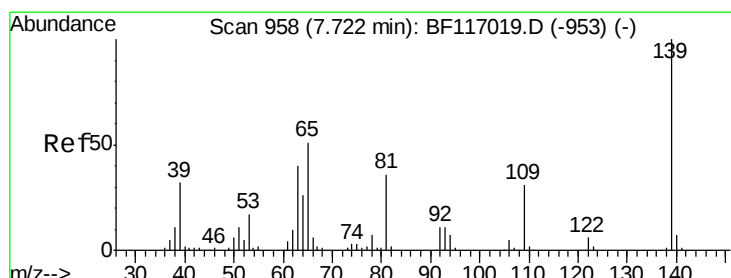
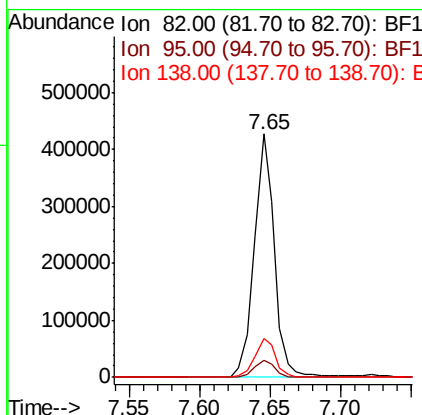
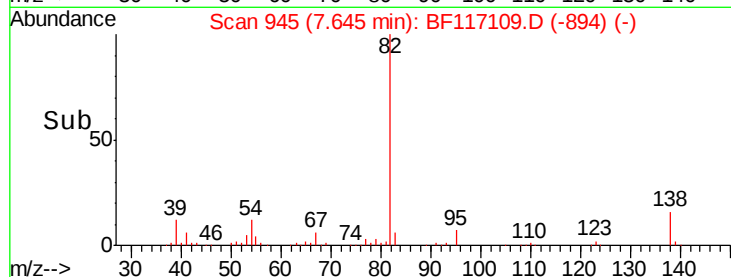
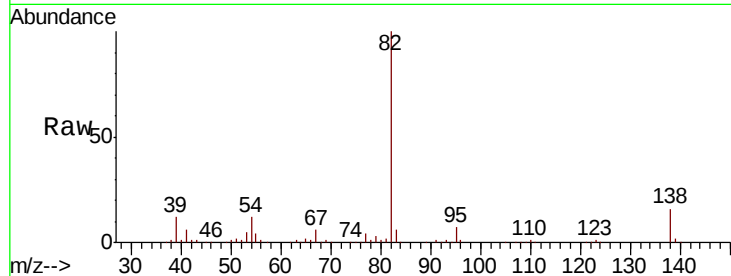
#25
Isophorone
Concen: 38.386 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	428899		
95	7.1		5.8	8.6
138	16.2		13.5	20.3

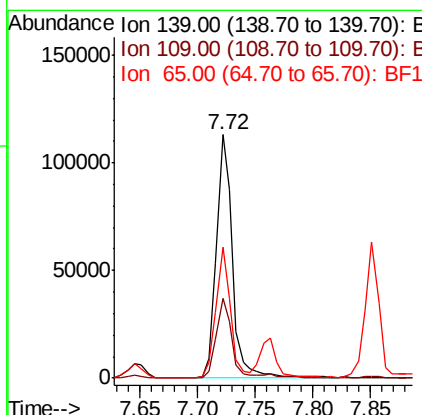
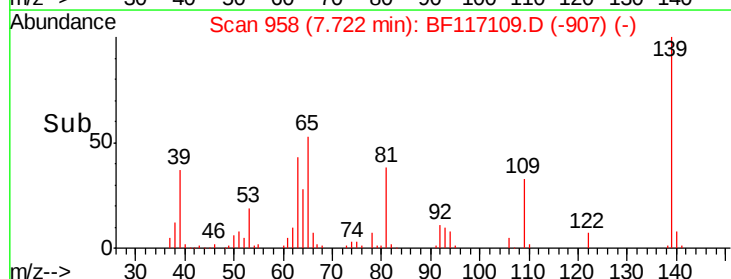
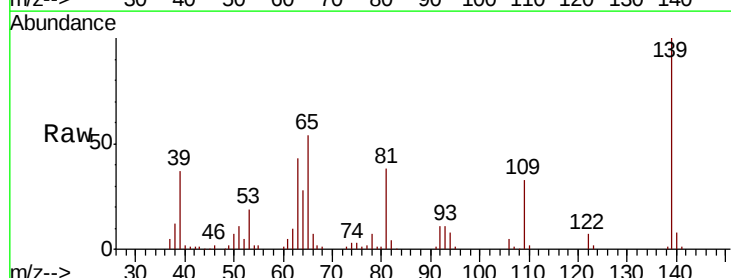
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#26
2-Nitrophenol
Concen: 41.153 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110160		
109	32.6		24.6	36.8
65	53.8		40.9	61.3





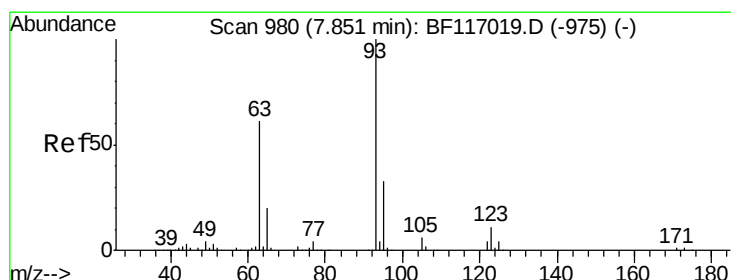
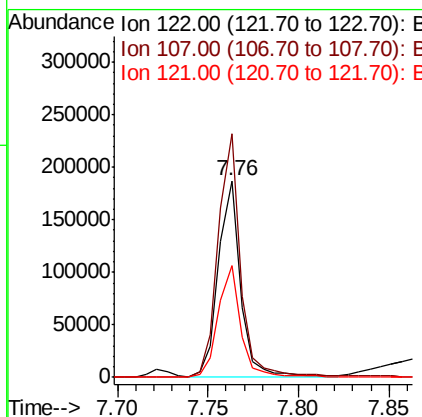
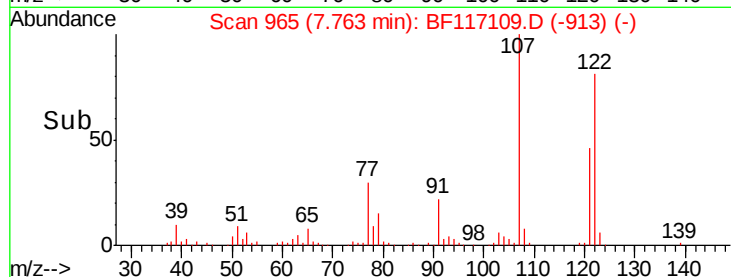
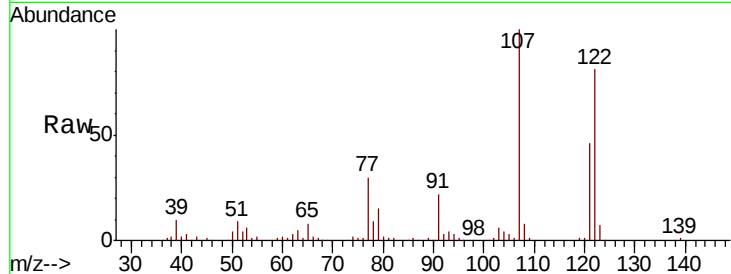
#27
 2,4-Dimethylphenol
 Concen: 37.854 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	160688		
107	123.8	98.9	148.3	
121	57.1	45.3	67.9	

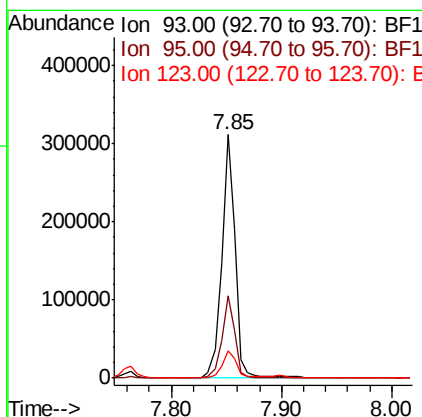
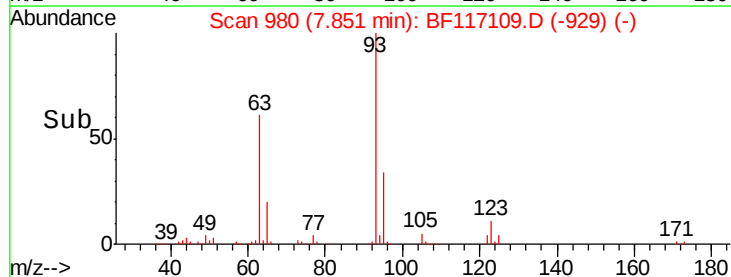
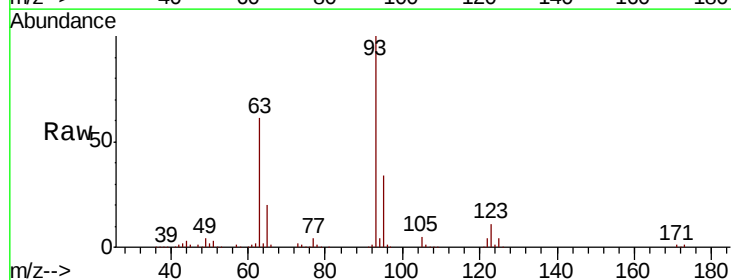
Manual Integrations
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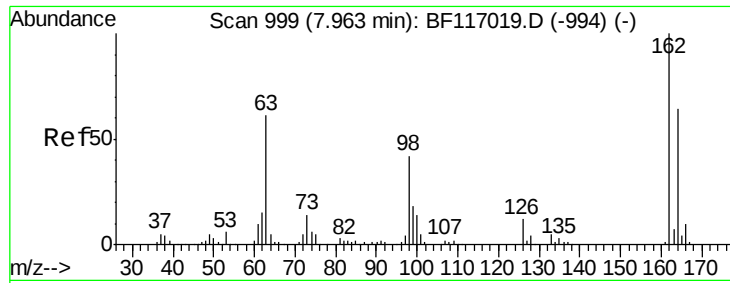
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.156 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	262671		
95	33.7	26.2	39.4	
123	11.0	9.0	13.6	





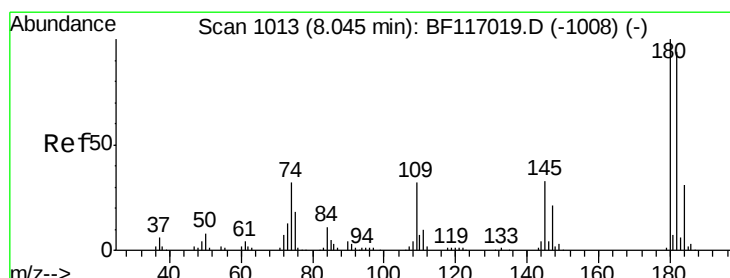
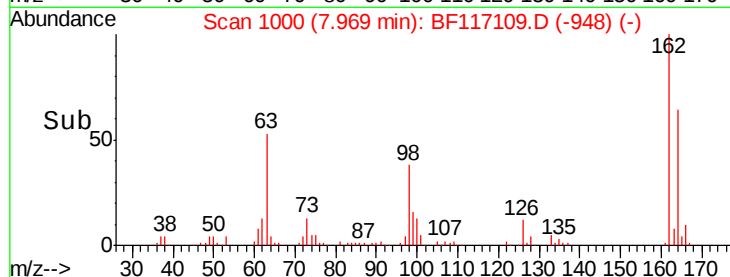
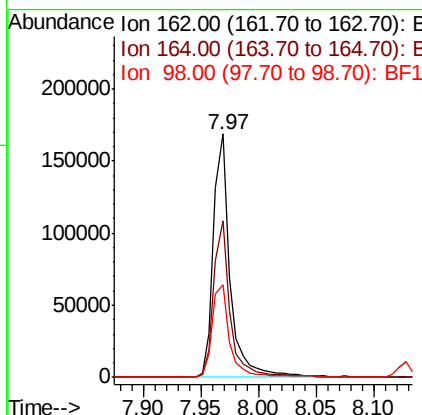
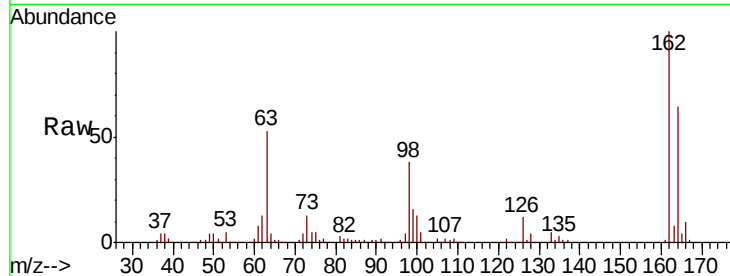
#29
2,4-Dichlorophenol
Concen: 38.458 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	171057		
164	64.1	43.8	83.8	
98	38.0	22.1	62.1	

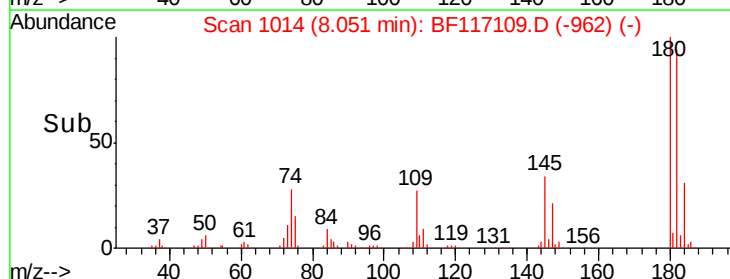
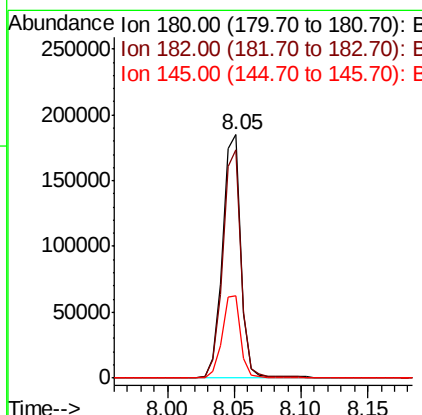
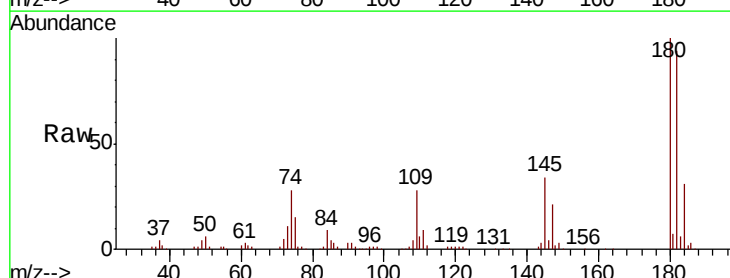
Manual Integrations
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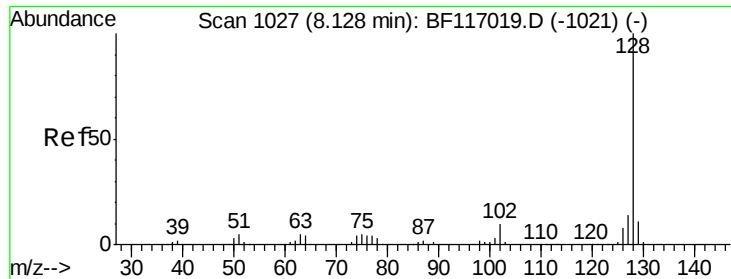
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#30
1,2,4-Trichlorobenzene
Concen: 37.820 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181741		
182	93.9	75.4	113.0	
145	33.7	26.7	40.1	





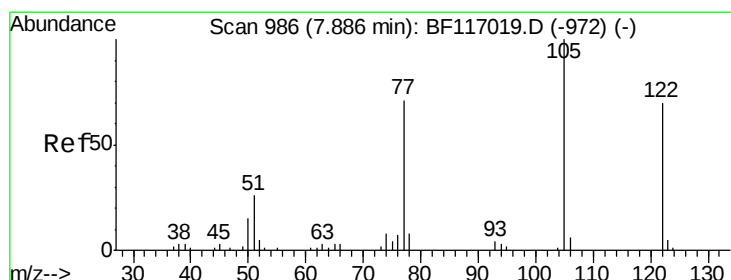
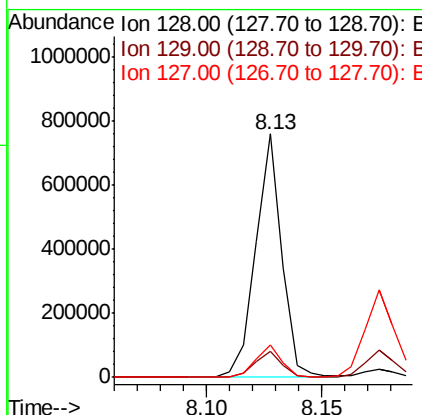
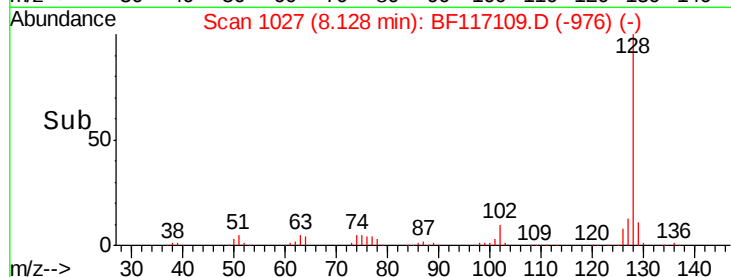
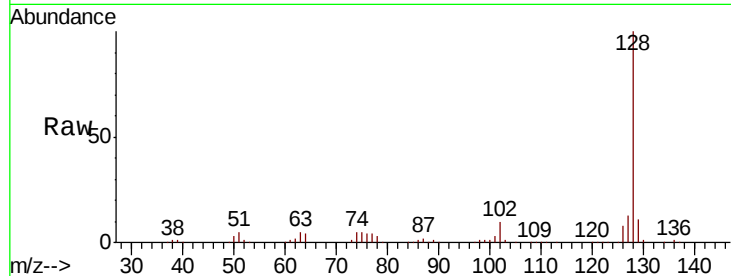
#31
Naphthalene
Concen: 37.832 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	13.5	10.8	16.2

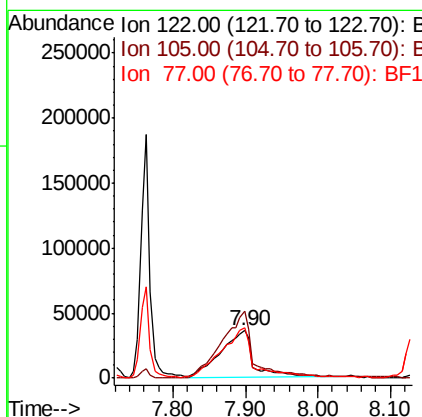
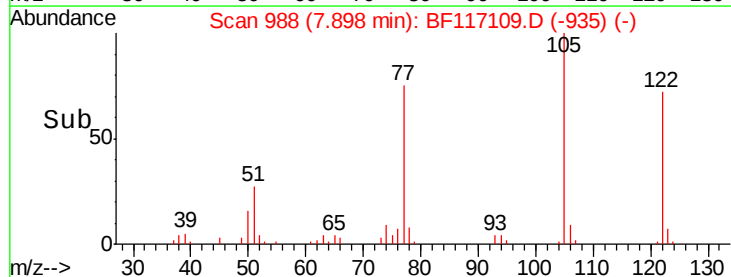
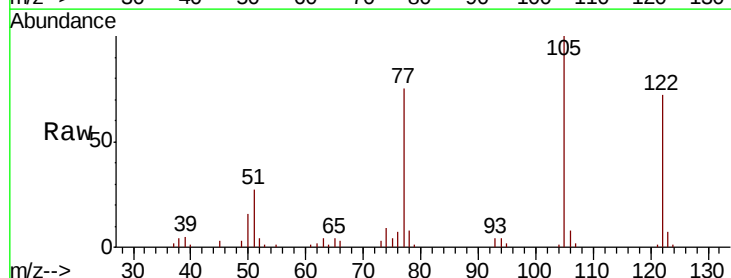
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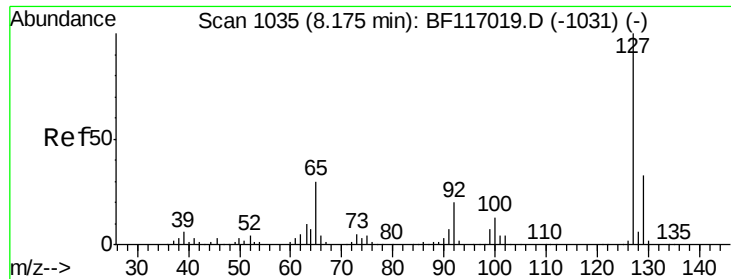
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#32
Benzoic acid
Concen: 37.610 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.5	114.8	154.8
77	105.2	78.7	118.7





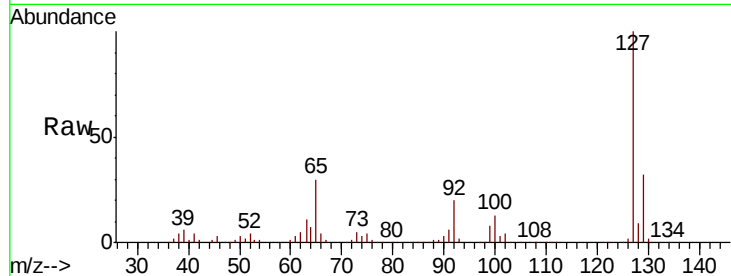
#33
4-Chloroaniline
Concen: 37.604 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	30.5	23.5	35.3
92	20.0	15.9	23.9

Manual Integrations
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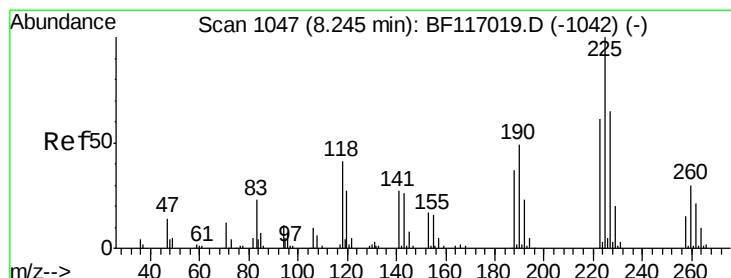
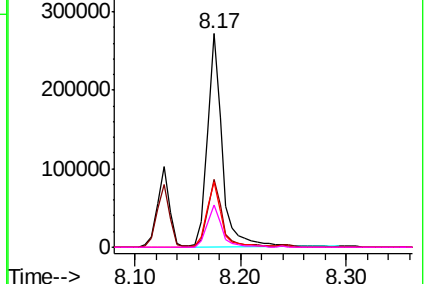
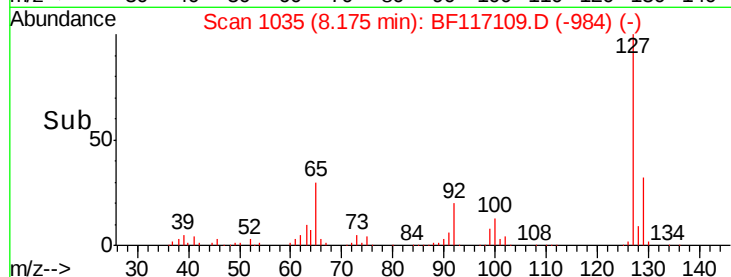
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

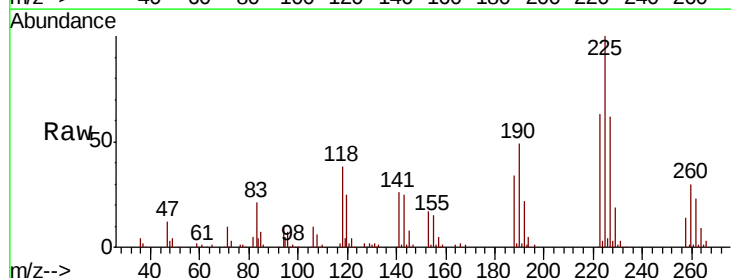
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.450 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.1	73.7
227	62.3	52.2	78.2

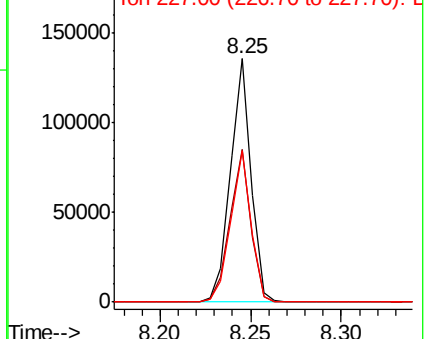
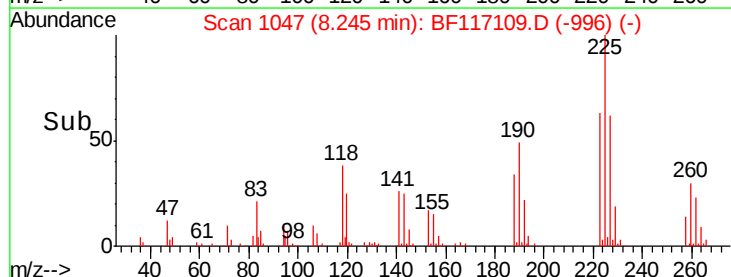


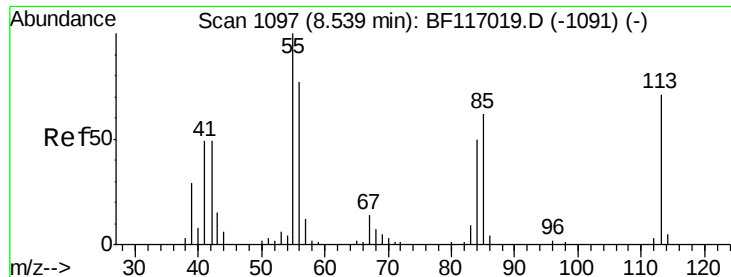
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





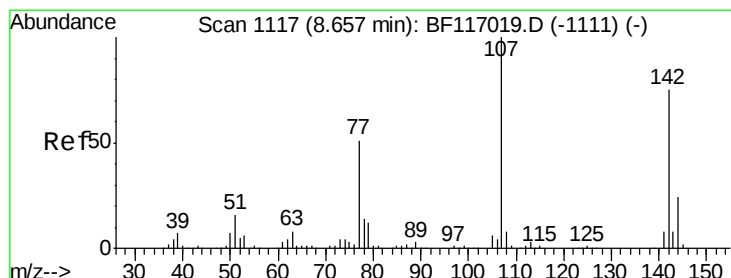
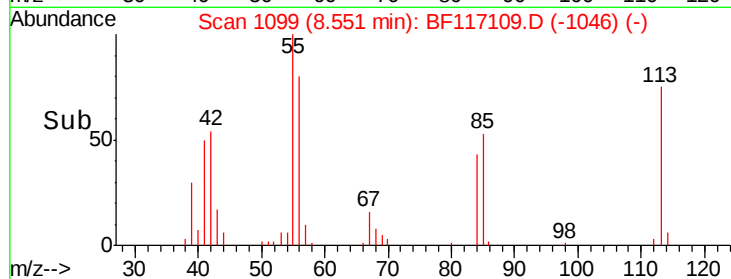
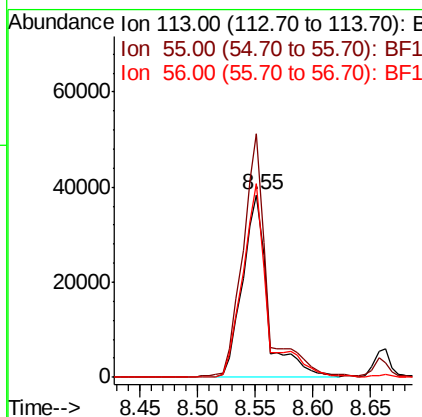
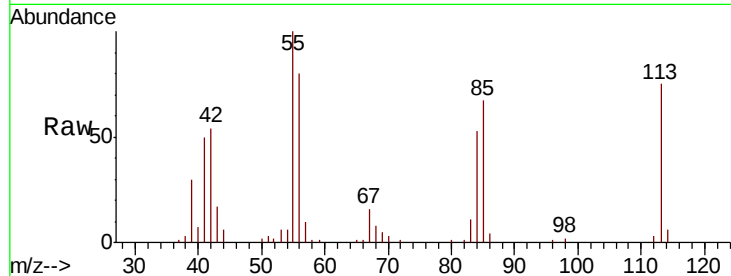
#35
Caprolactam
Concen: 38.561 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	133.3	120.6	160.6	
56	106.0	88.8	128.8	

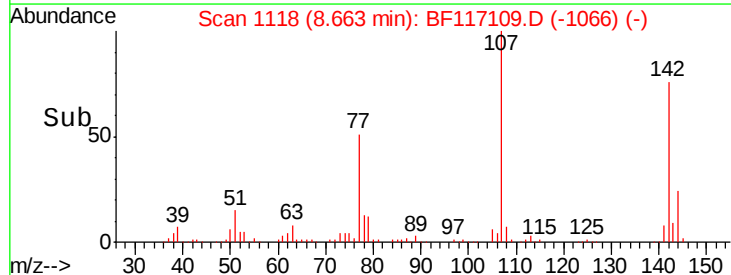
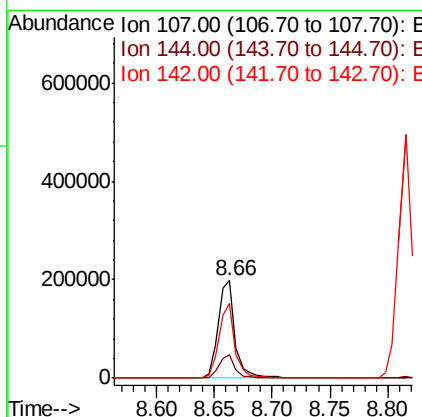
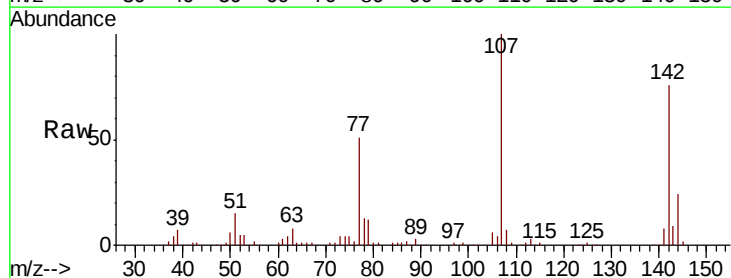
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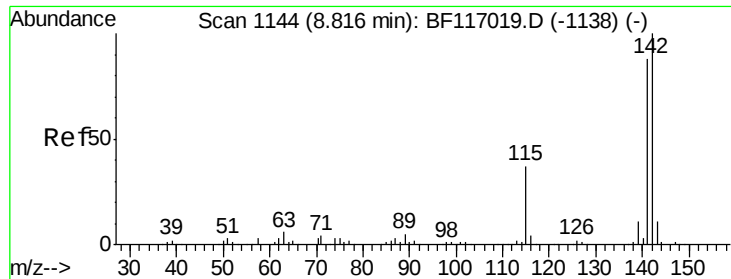
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#36
4-Chloro-3-methylphenol
Concen: 38.617 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.4	19.2	28.8	
142	76.1	59.6	89.4	





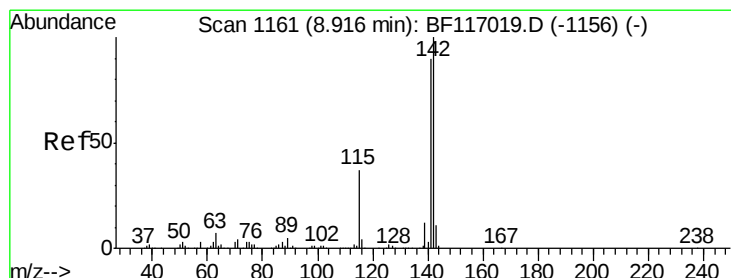
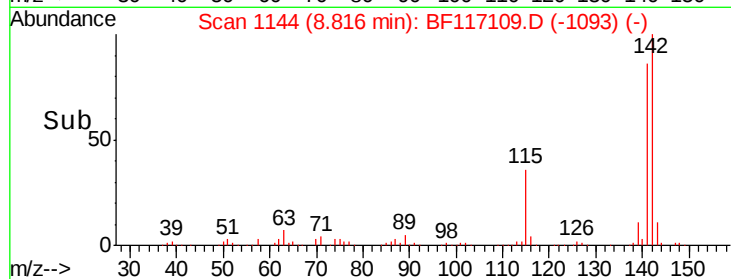
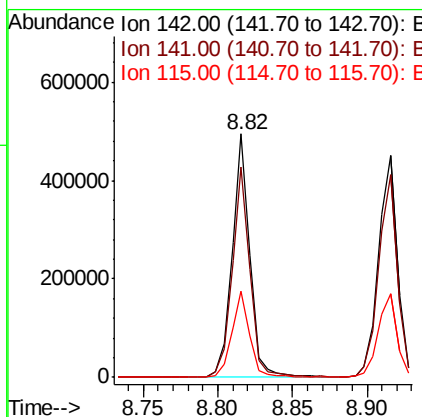
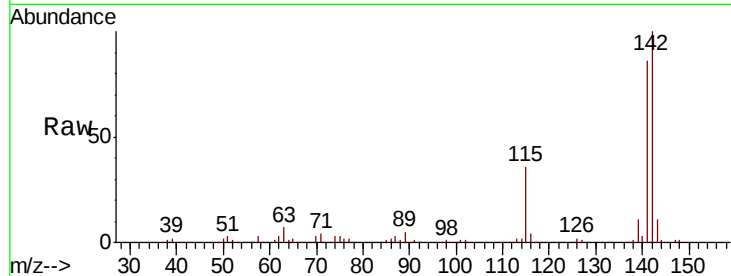
#37
2-Methylnaphthalene
Concen: 38.923 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.7	106.1
115	35.6	29.4	44.0

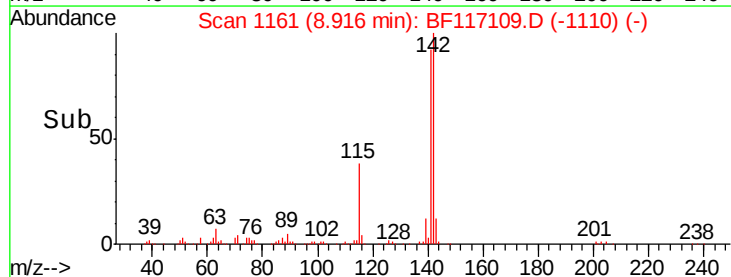
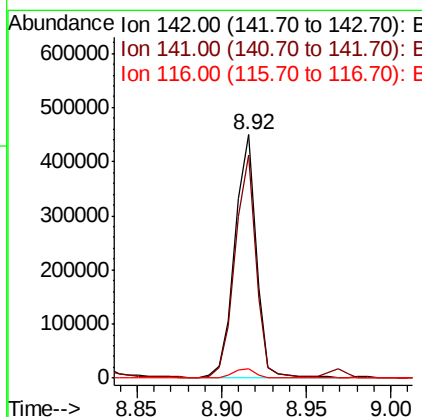
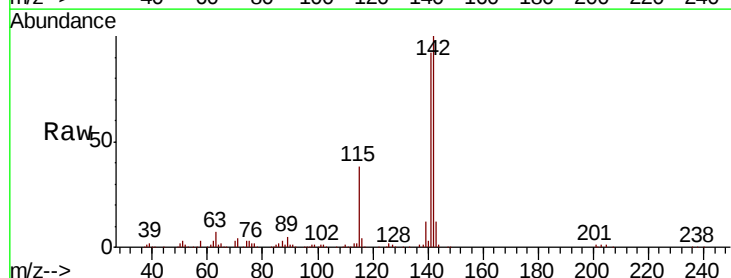
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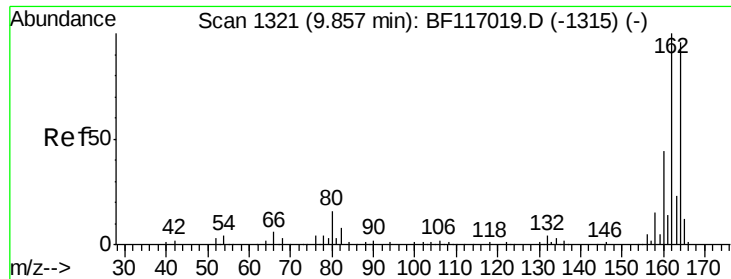
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#38
1-Methylnaphthalene
Concen: 38.822 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	3.8	3.2	4.8





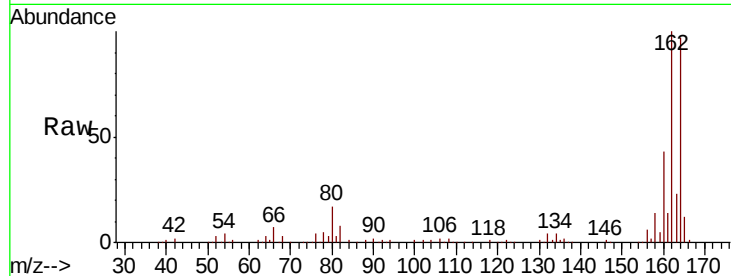
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.4	125.2
160	44.7	36.4	54.6

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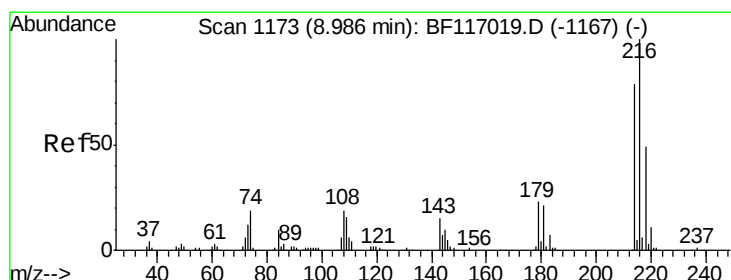
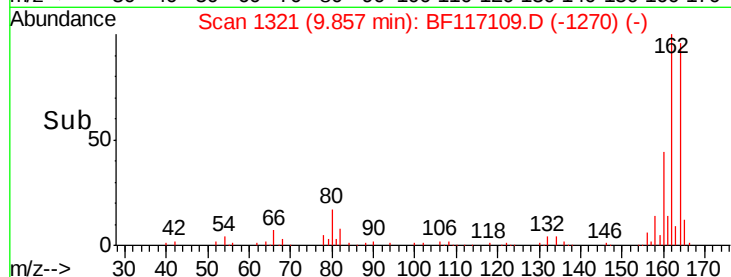
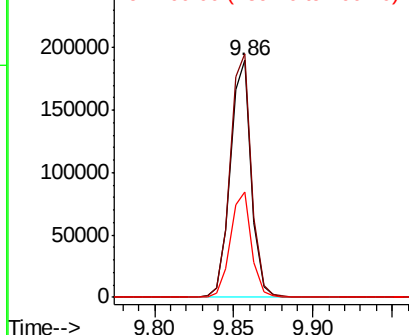


Abundance

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: 37.782 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.6	95.4
179	24.4	18.3	27.5
108	22.6	17.8	26.6

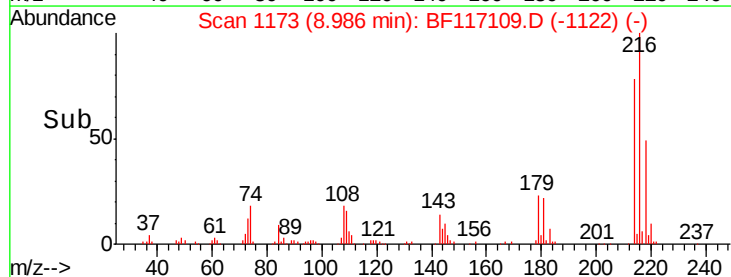
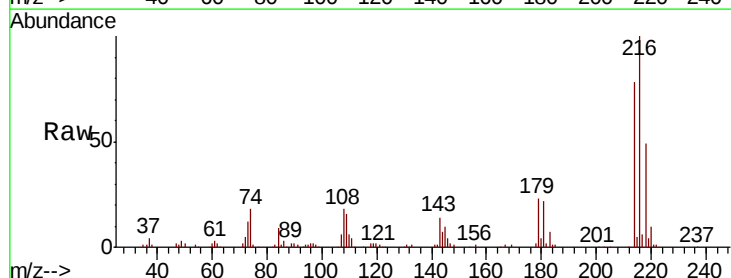
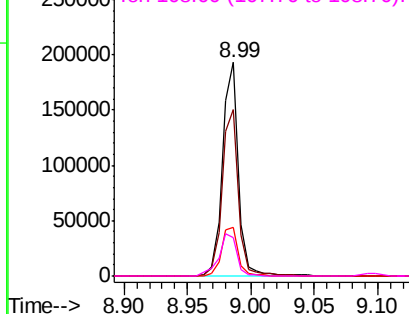
Abundance

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: 44.765 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

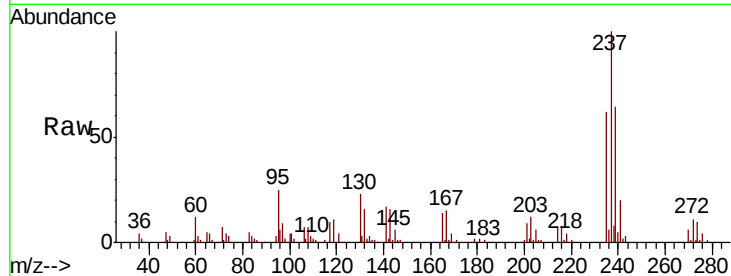
ClientSampleId :

SSTDCCC040EC

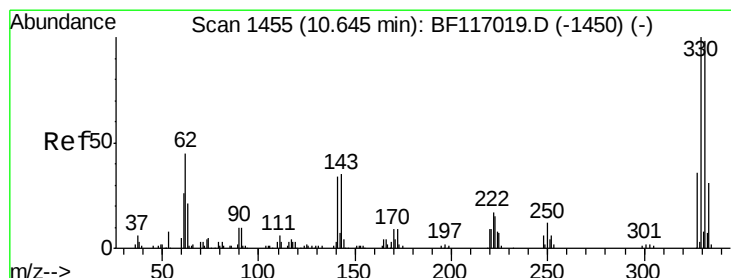
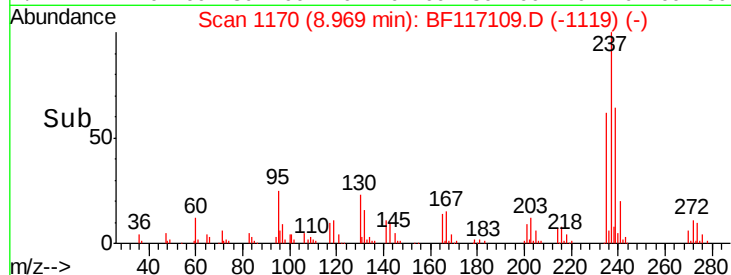
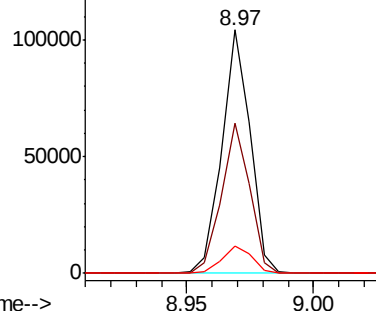
Tot Ion:	237	Resp:	81178
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.2	83.2
272	11.4	0.0	31.9

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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: 79.665 ng

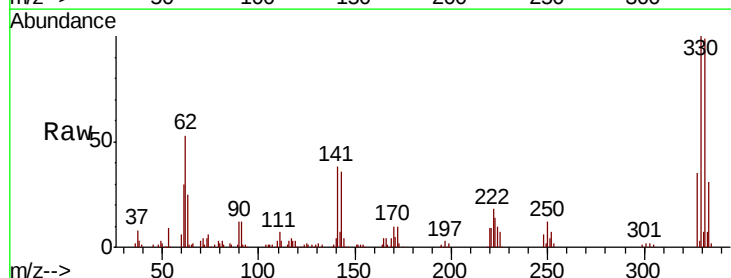
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

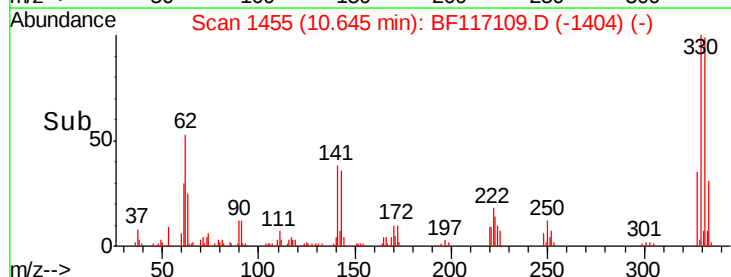
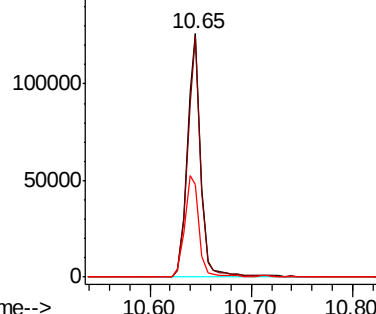
Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:	330	Resp:	115685
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.0	117.0
141	44.7	35.8	53.6



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





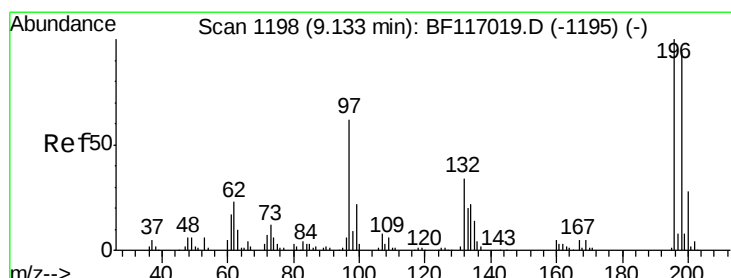
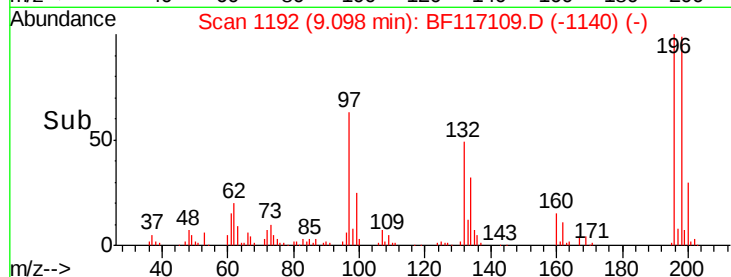
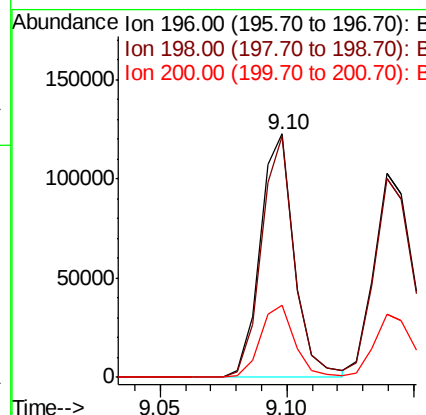
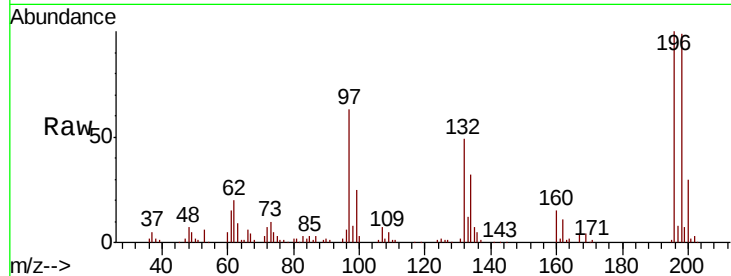
#43
 2,4,6-Trichlorophenol
 Concen: 37.863 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115286		
198	98.9	75.7	113.5	
200	29.6	23.3	34.9	

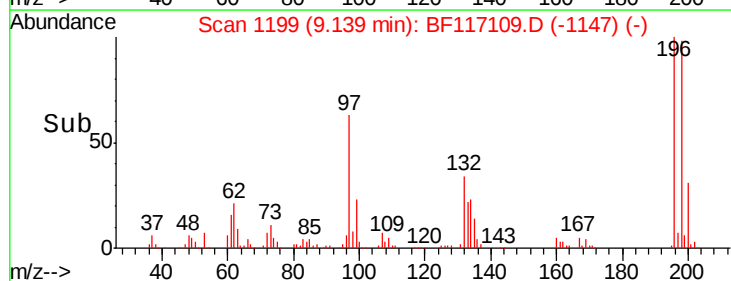
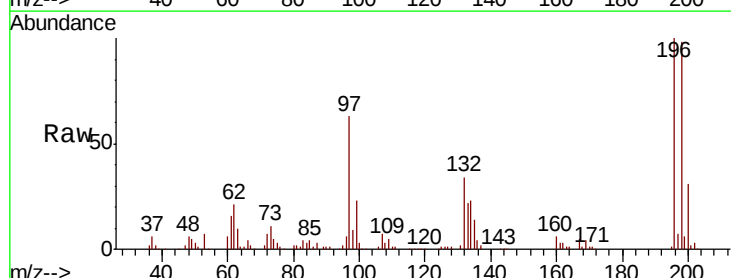
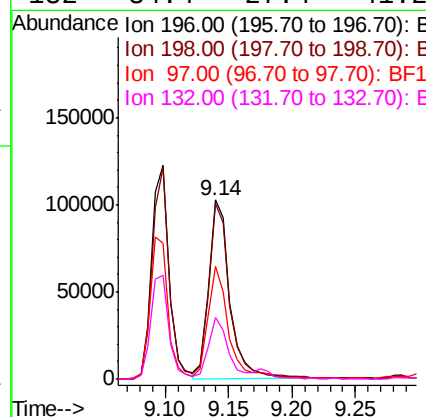
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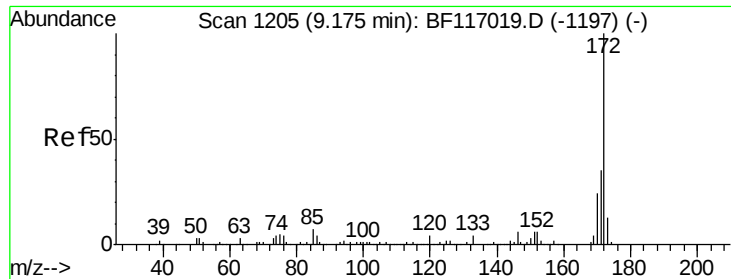
mohammad
 9/19/2019 4:45:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.671 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119295		
198	97.6	74.6	112.0	
97	62.9	49.5	74.3	
132	34.4	27.4	41.2	





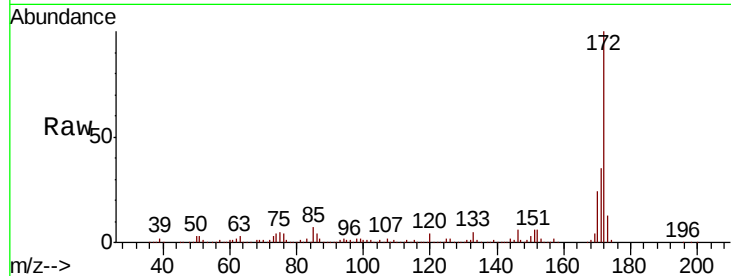
#45
2-Fluorobiphenyl
Concen: 76.554 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.9	28.3

Manual Integrations
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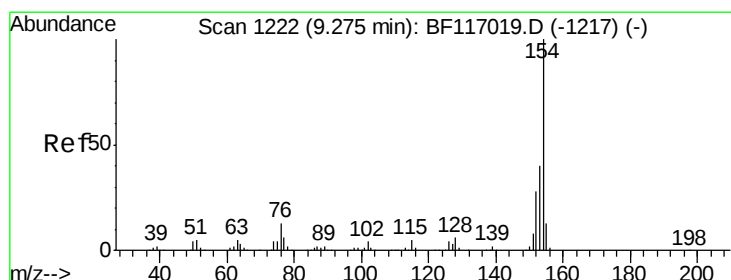
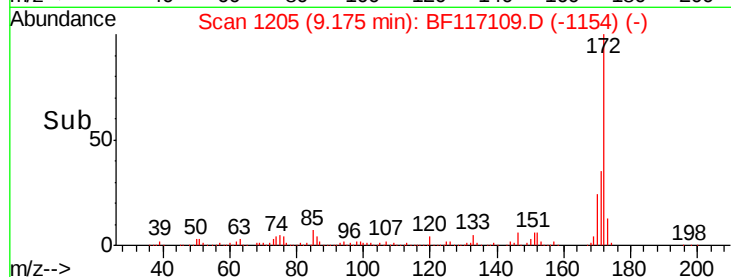
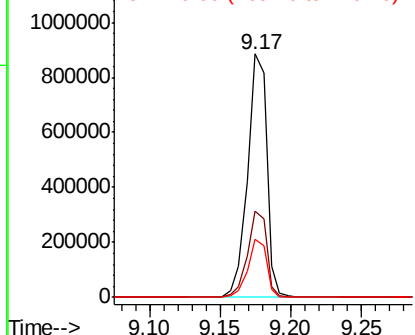


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.136 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

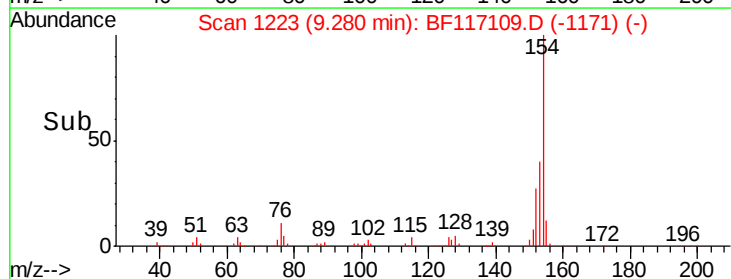
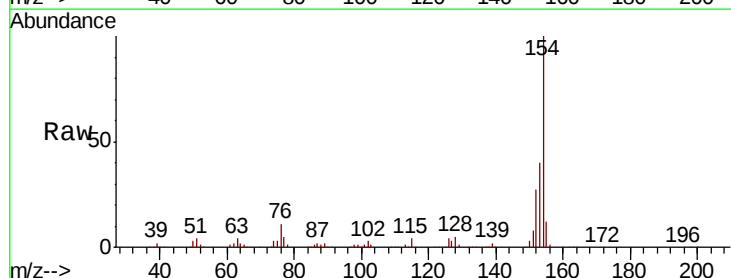
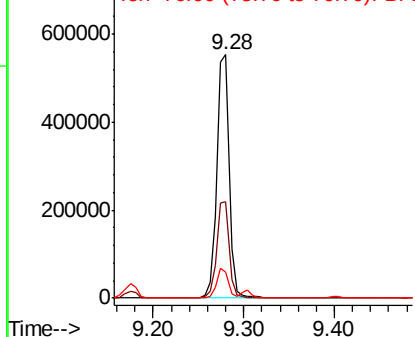
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.0	60.0
76	10.7	0.0	32.7

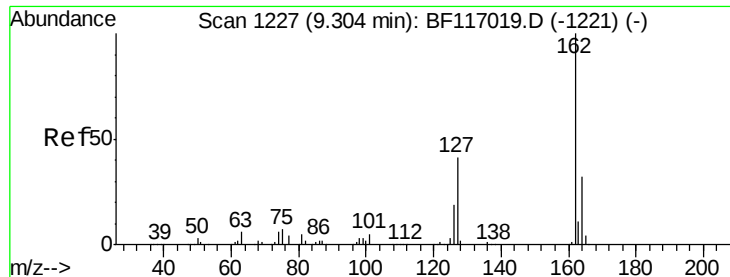
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





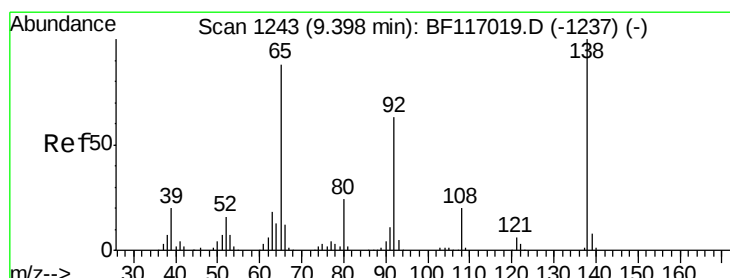
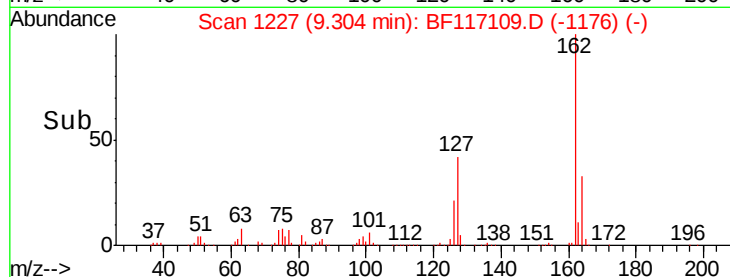
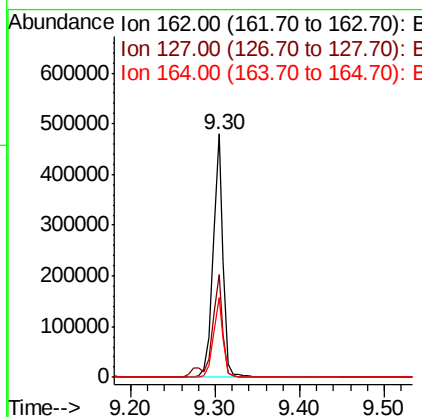
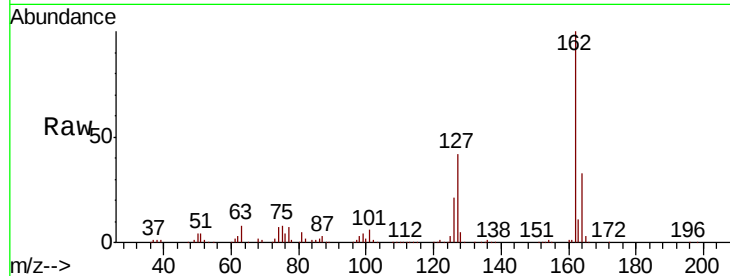
#47
2-Chloronaphthalene
Concen: 37.650 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.1	51.1
164	32.7	25.9	38.9

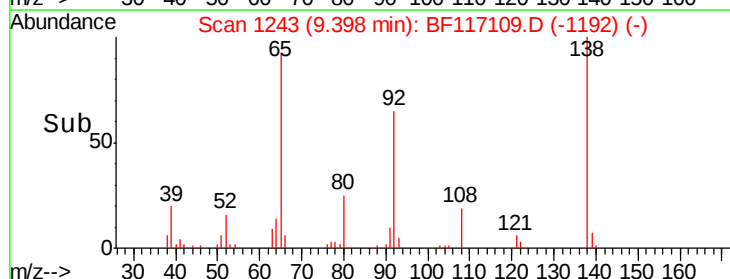
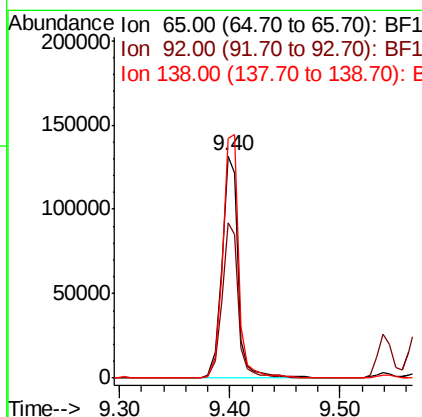
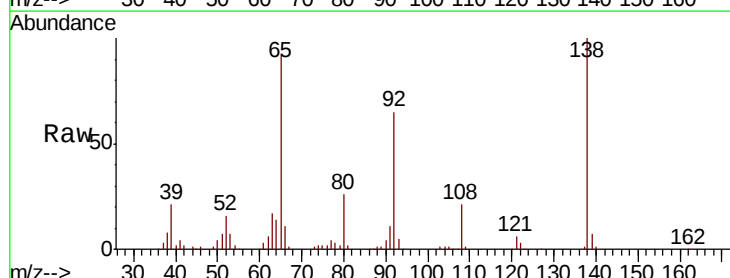
Manual Integrations
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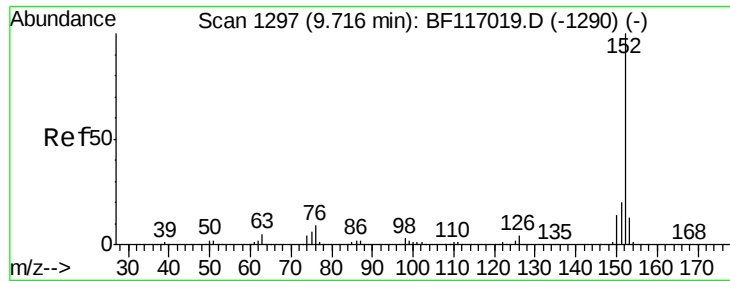
mohammad
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#48
2-Nitroaniline
Concen: 39.066 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.5	86.3
138	108.1	90.6	136.0





#49

Acenaphthylene

Concen: 38.142 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

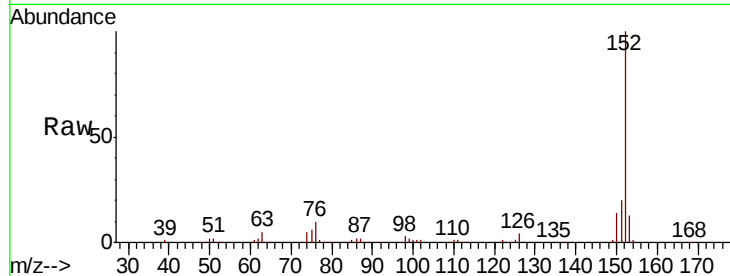
ClientSampleId :

SSTDCCC040EC

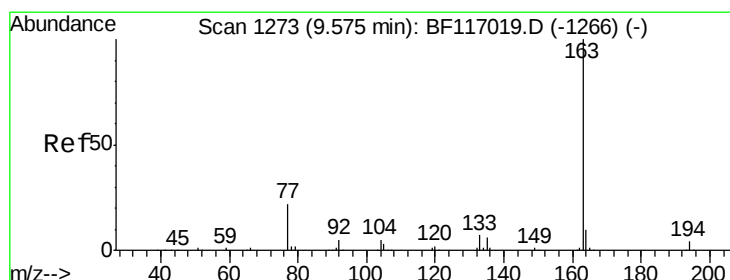
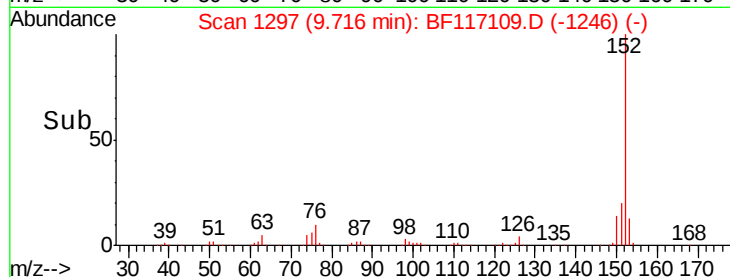
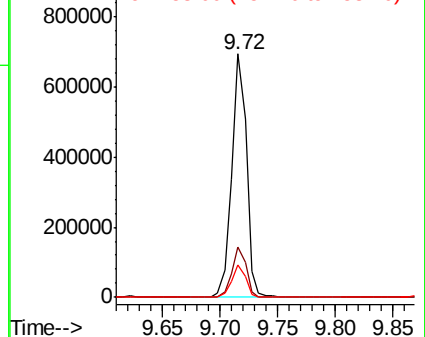
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.1	10.2	15.4

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



#50

Dimethylphthalate

Concen: 38.682 ng

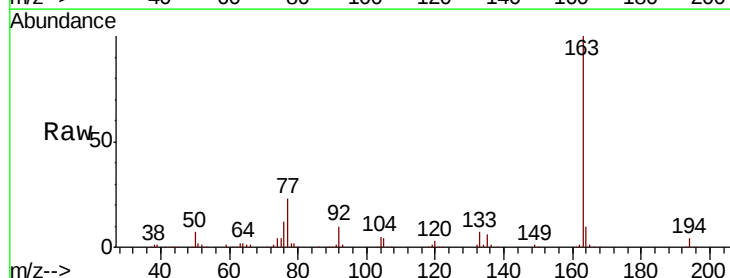
RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

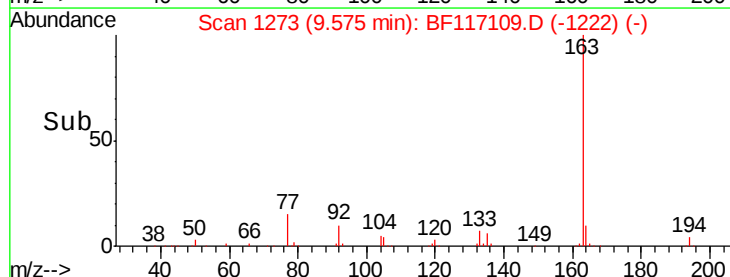
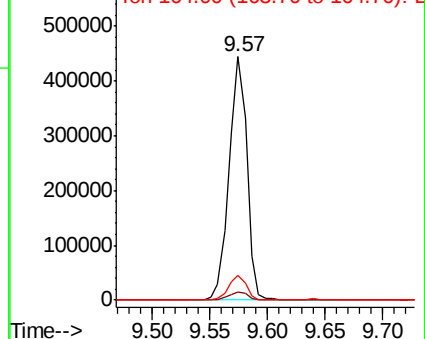
Lab File: BF117109.D

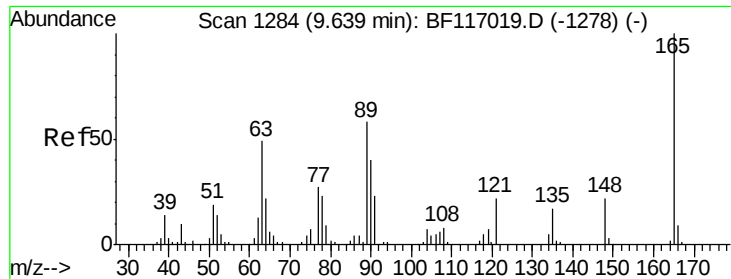
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.2	8.2	12.4



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





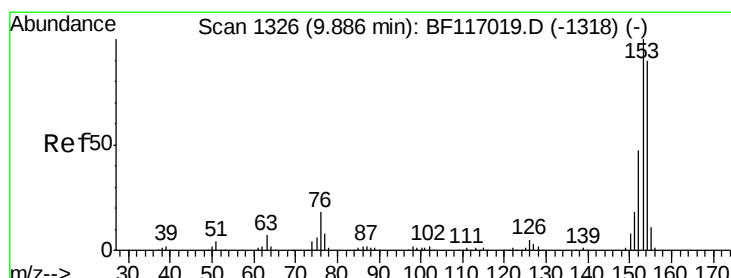
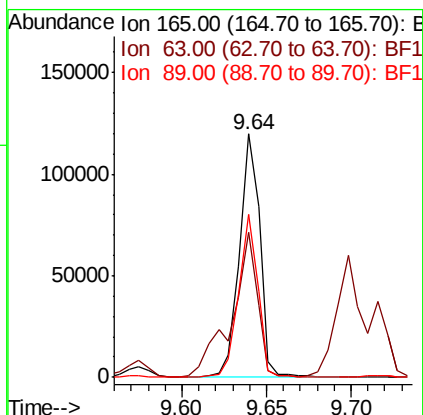
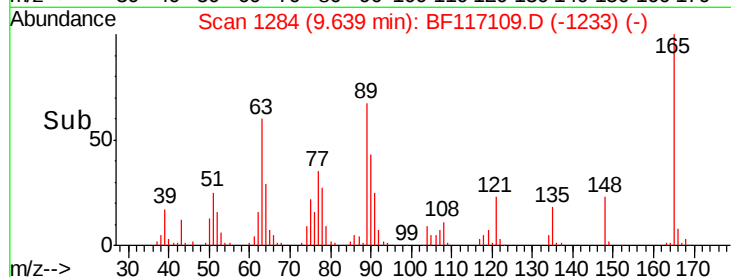
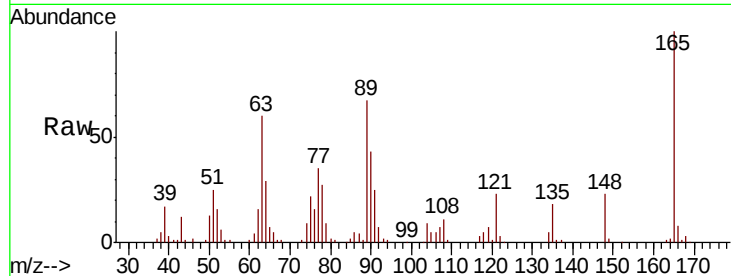
#51
2,6-Dinitrotoluene
Concen: 40.107 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	100491		
63	59.8		41.8	62.8
89	66.7		46.5	69.7

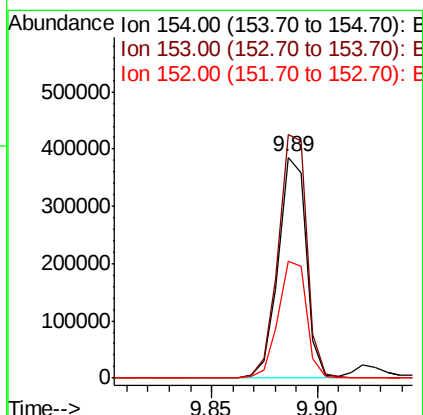
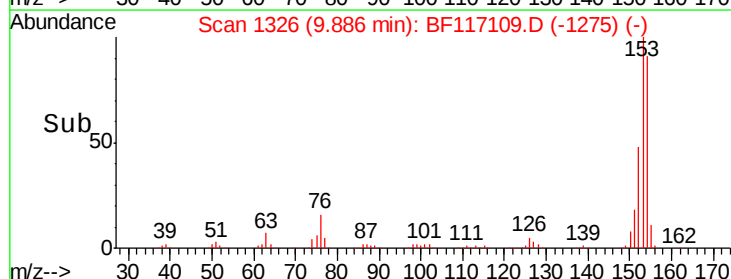
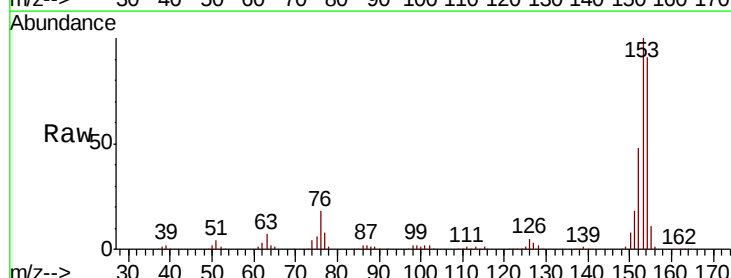
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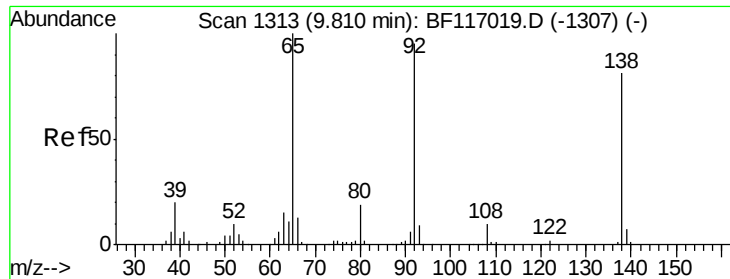
mohammad
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#52
Acenaphthene
Concen: 37.336 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	356624		
153	110.1		89.0	133.6
152	52.6		41.9	62.9





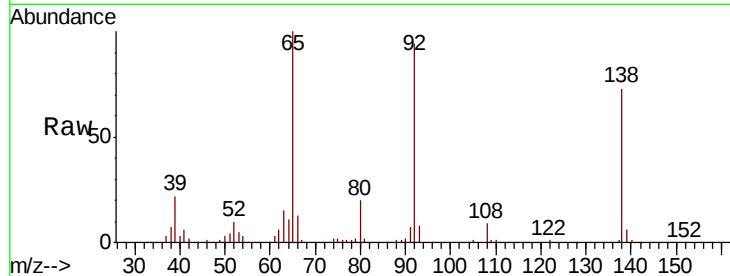
#53
3-Nitroaniline
Concen: 38.264 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.5	14.3
92	128.9	94.1	141.1

Manual Integrations
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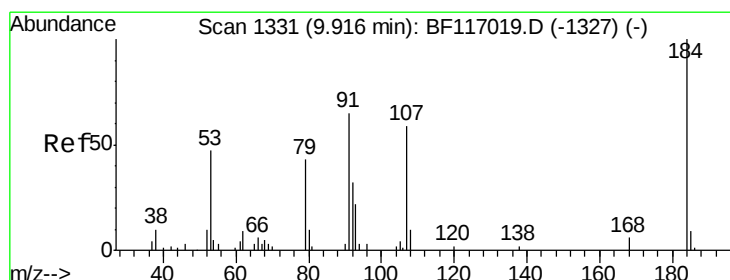
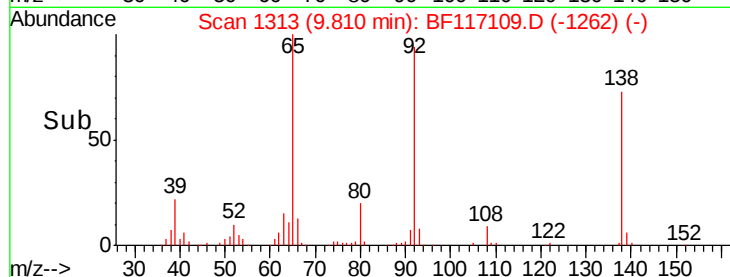
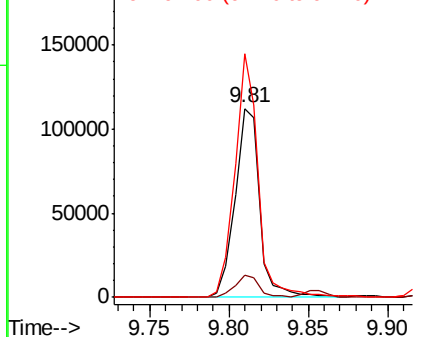


Abundance

Ion 138.00 (137.70 to 138.70): E

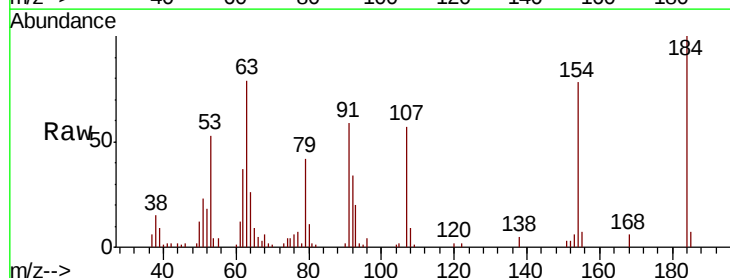
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 41.282 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.5	63.8	95.6
154	77.6	60.4	90.6

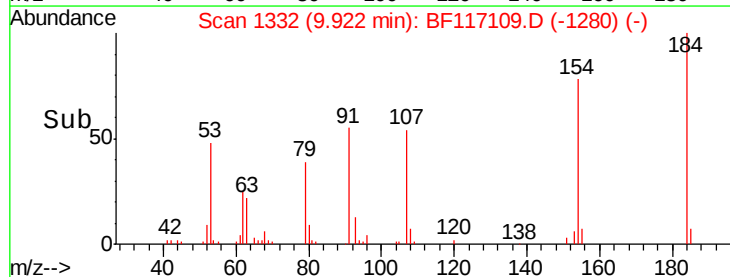
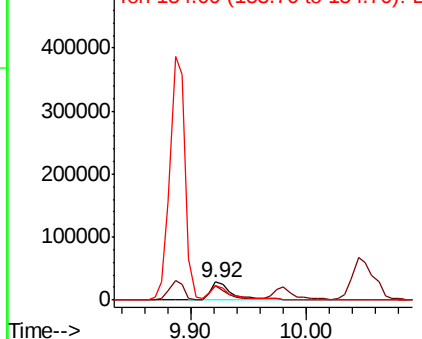


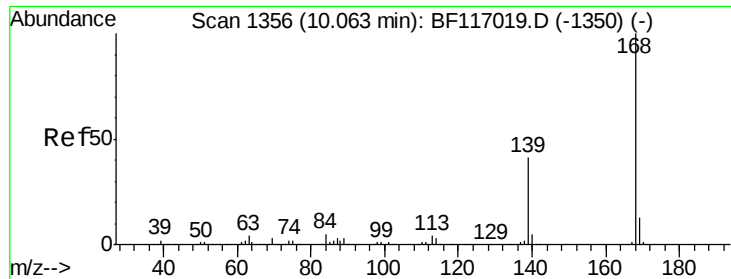
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





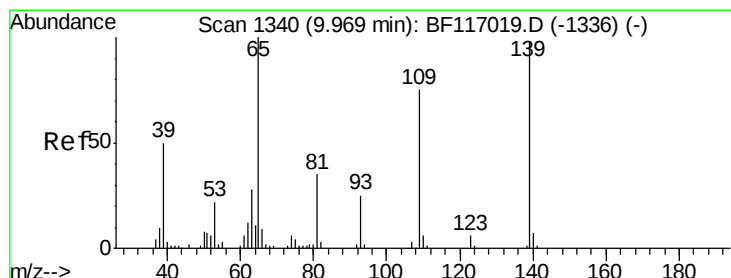
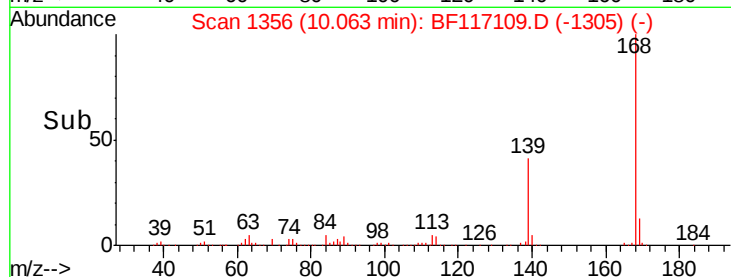
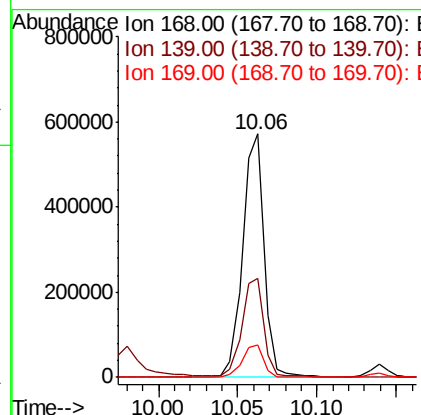
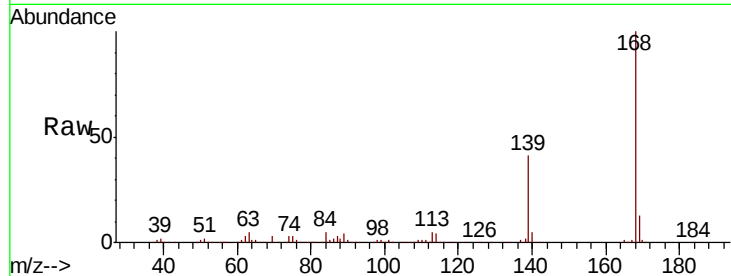
#55
Dibenzenofuran
Concen: 38.037 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.8	32.8	49.2	
169	13.4	10.5	15.7	

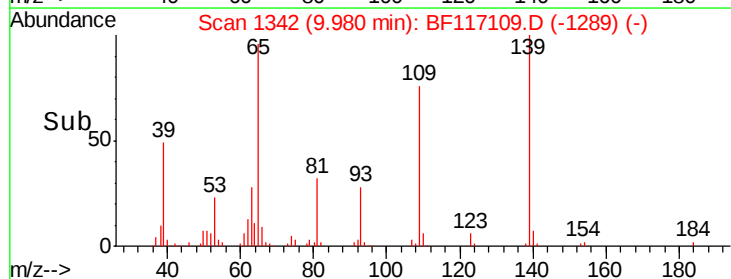
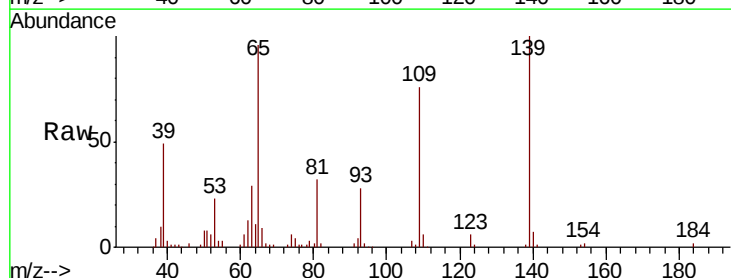
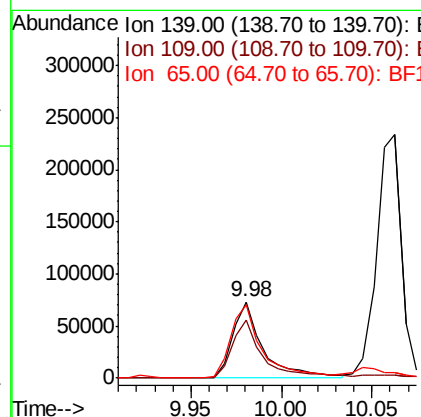
Manual Integrations
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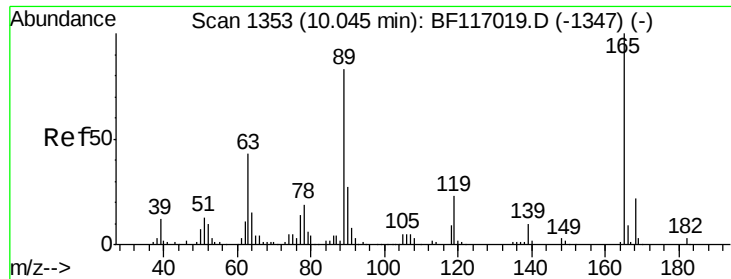
mohammad
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#56
4-Nitrophenol
Concen: 42.438 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.8	56.4	96.4	
65	96.1	82.5	122.5	





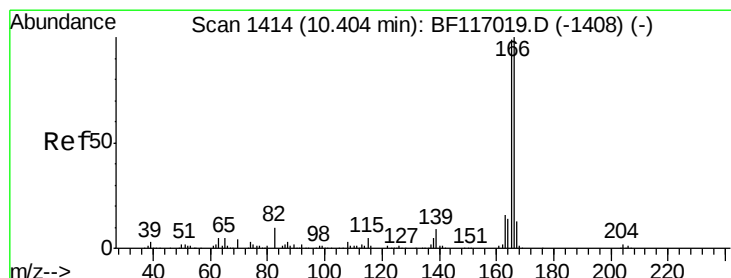
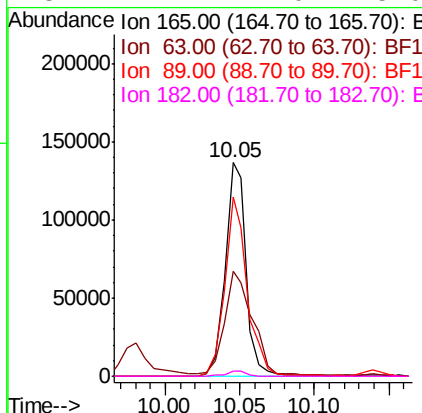
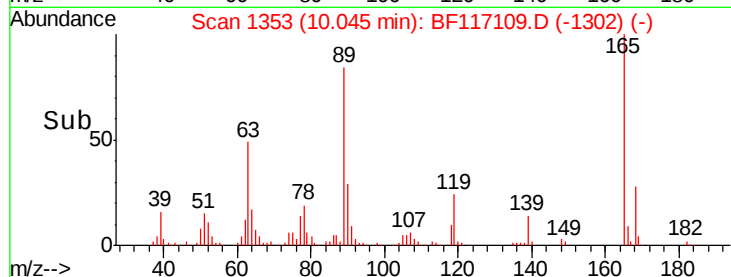
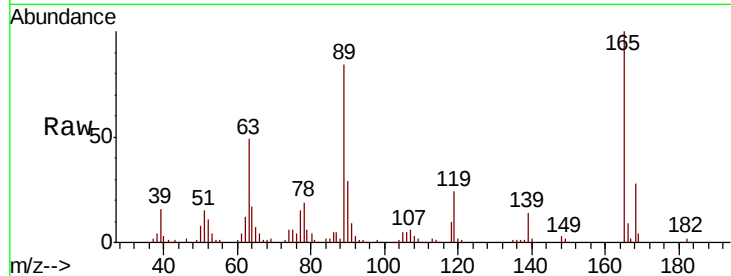
#57
2,4-Dinitrotoluene
Concen: 41.712 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		135664		
63	49.3	35.0	52.4		
89	84.0	66.1	99.1		
182	2.4	2.0	3.0		

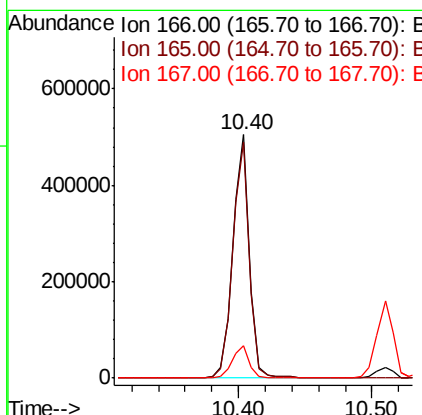
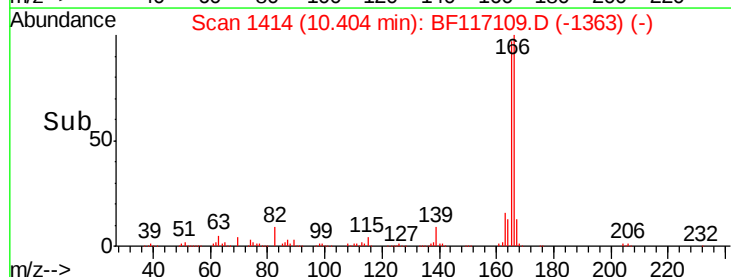
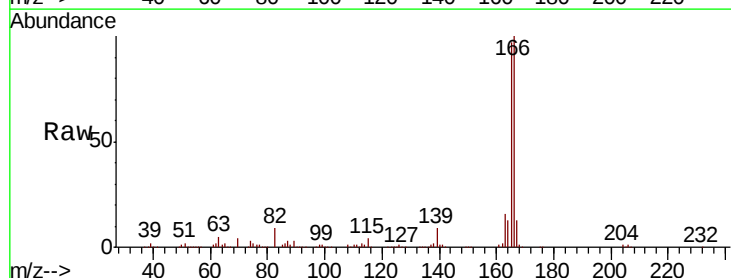
Manual Integrations
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#58
Fluorene
Concen: 38.682 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		439130		
165	96.8	78.9	118.3		
167	13.2	10.6	15.8		





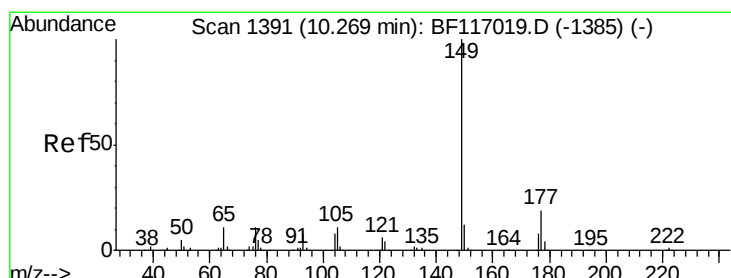
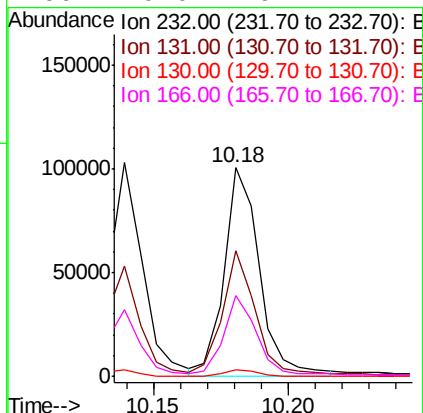
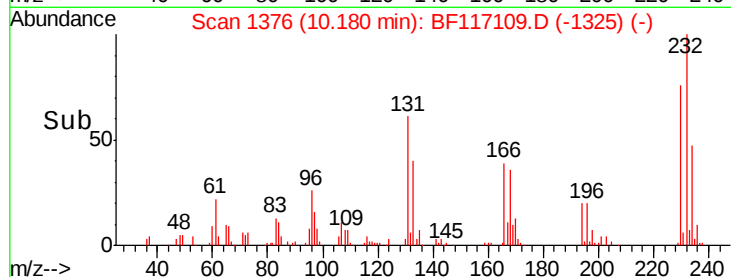
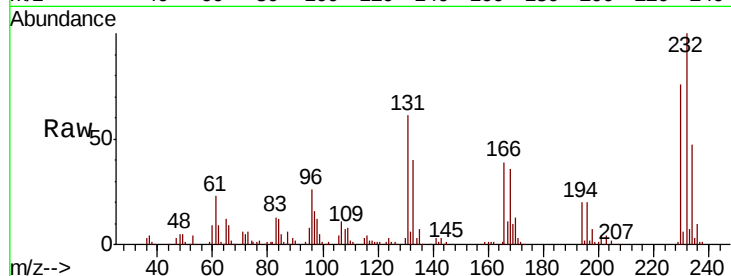
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.463 ng m
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	48.5	45.3	67.9	
130	2.5	1.8	2.8	
166	29.0	29.4	44.2	

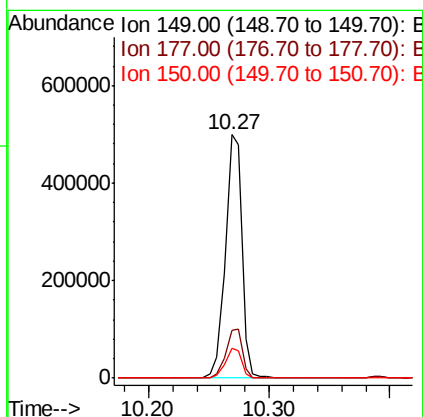
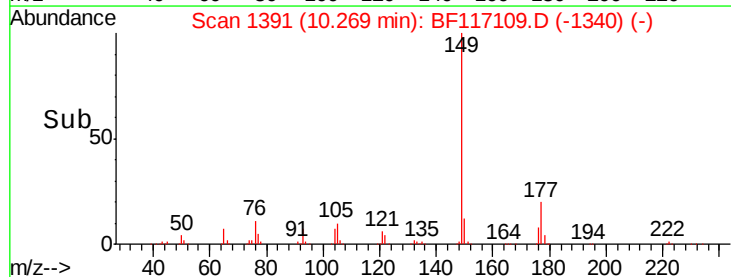
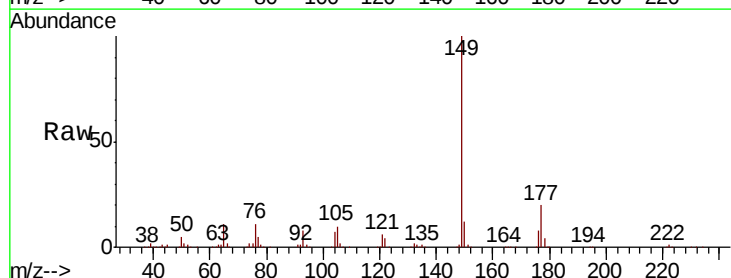
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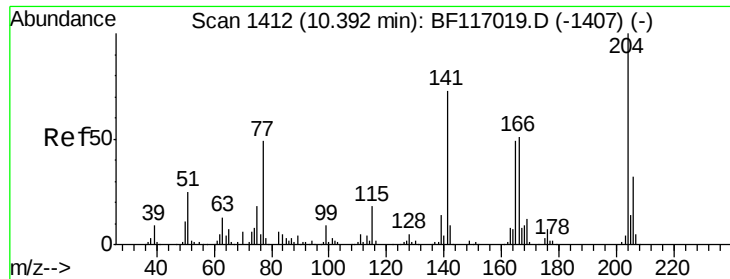
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#60
 Diethylphthalate
 Concen: 39.296 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	19.7	15.2	22.8	
150	12.4	9.9	14.9	





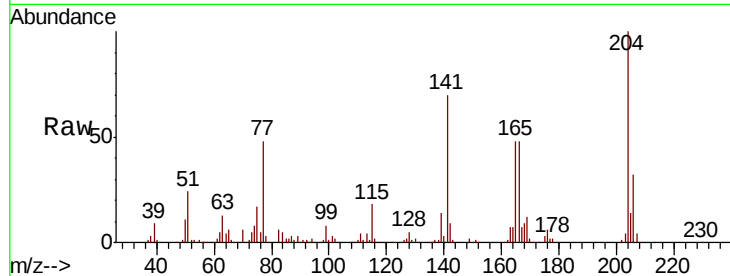
#61
4-Chlorophenyl-phenylether
Concen: 40.162 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	70.5	58.2	87.2

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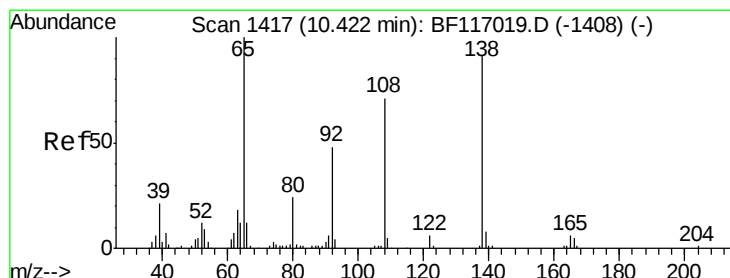
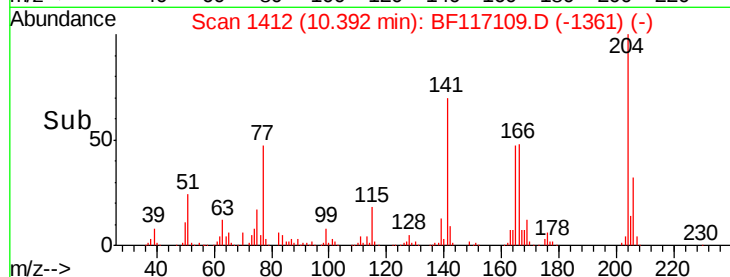
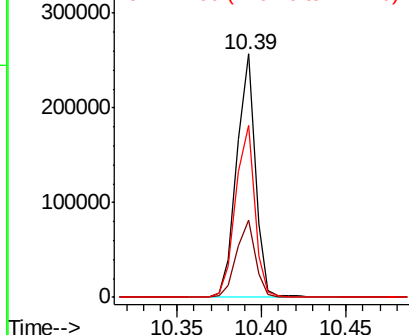


Abundance

Ion 204.00 (203.70 to 204.70): E

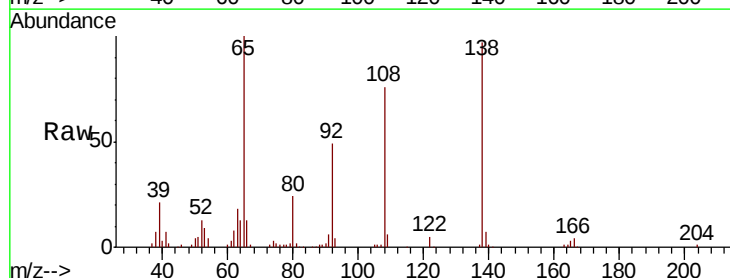
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.537 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	32.9	72.9
108	78.0	58.3	98.3

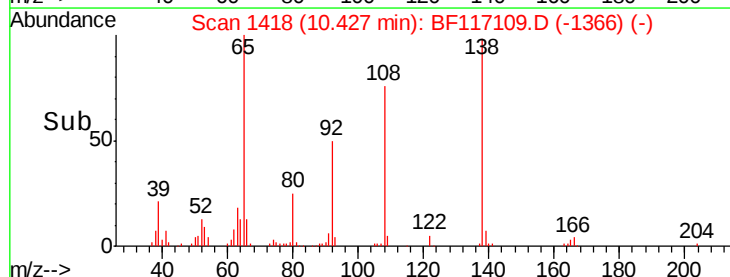
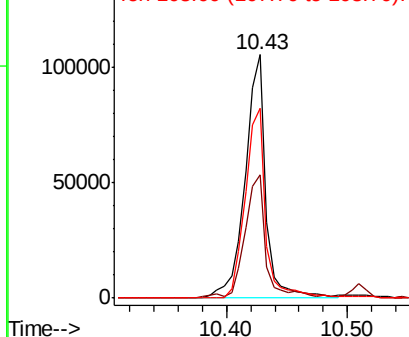


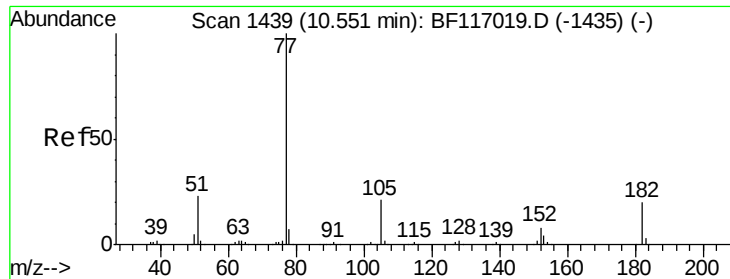
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





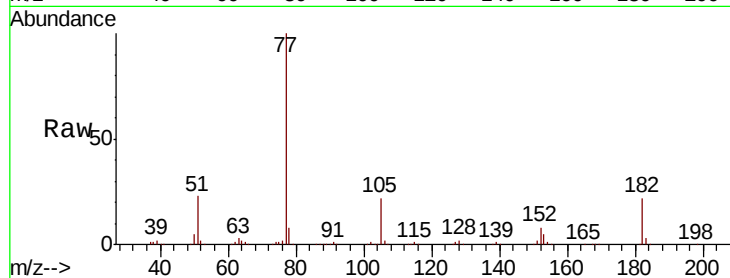
#63
Azobenzene
Concen: 37.891 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

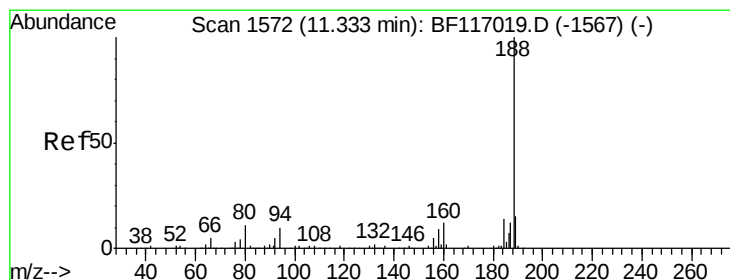
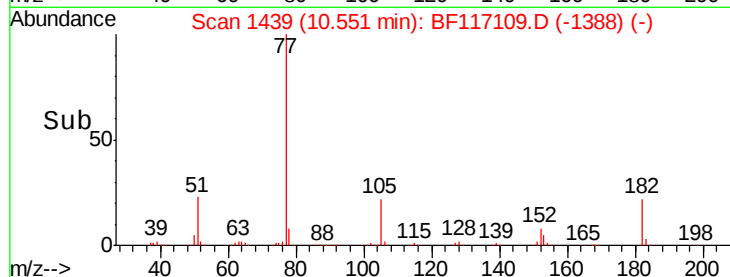
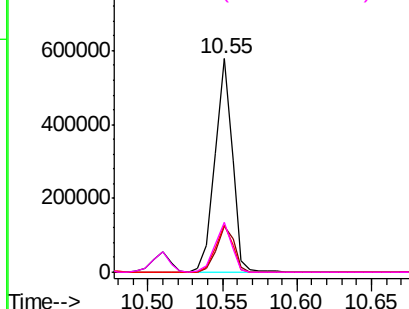
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.5	0.4	40.4		
105	22.2	0.9	40.9		
51	23.2	2.8	42.8		

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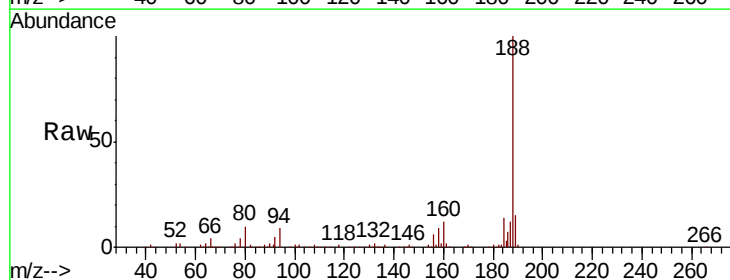


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

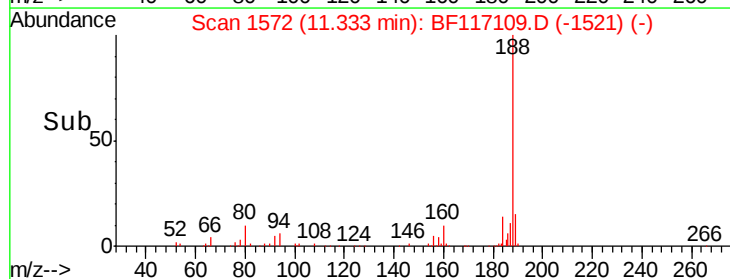
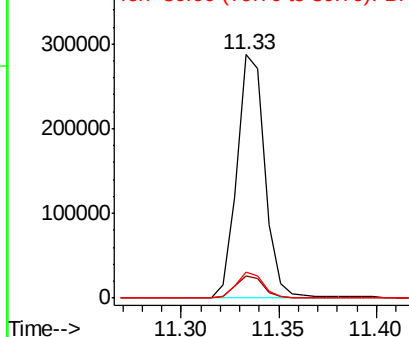


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1	8.2	12.2		
80	10.5	9.0	13.6		



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





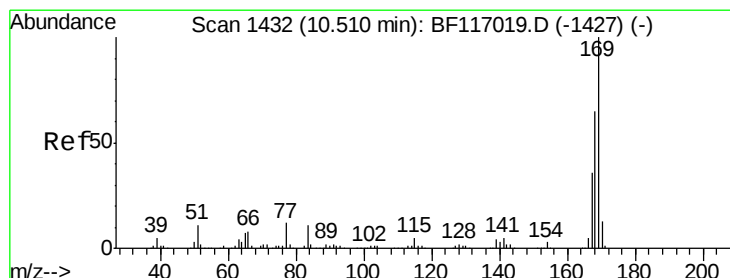
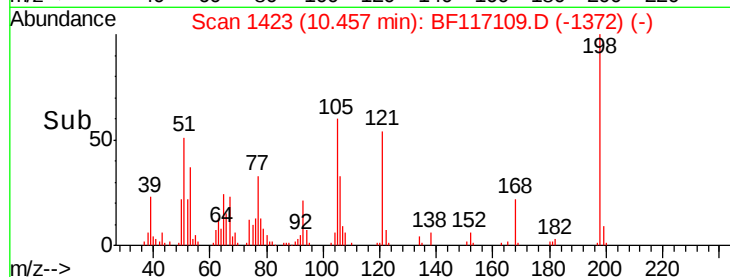
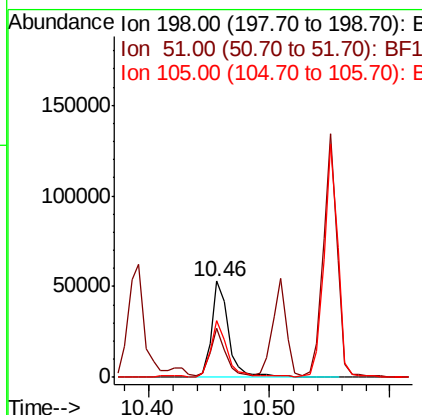
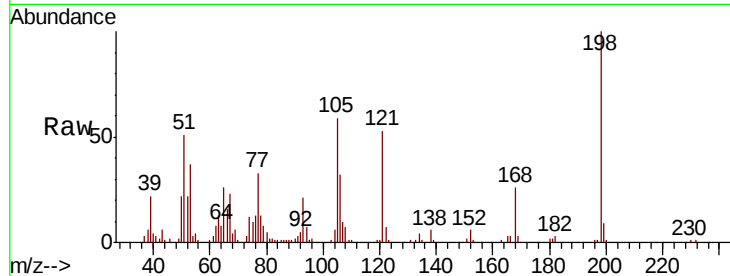
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.823 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.0	18.7	58.7
105	59.3	30.2	70.2

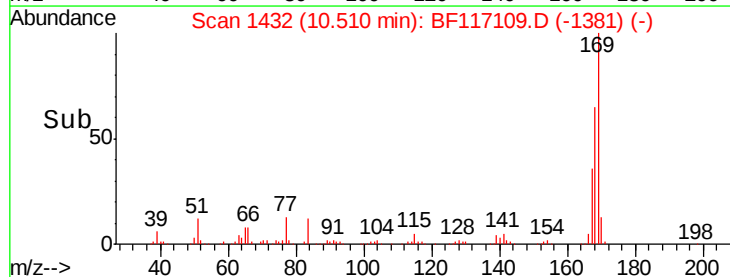
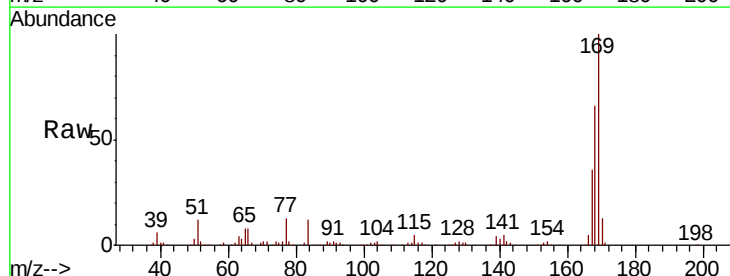
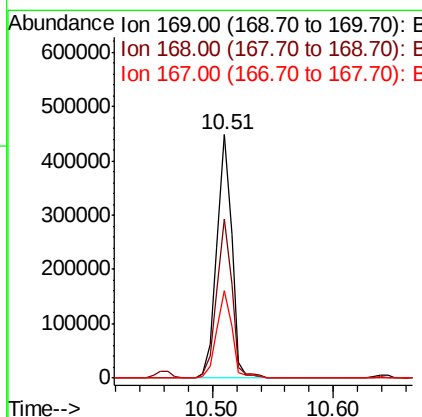
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#66
 n-Nitrosodiphenylamine
 Concen: 38.407 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.2	78.2
167	35.9	28.8	43.2





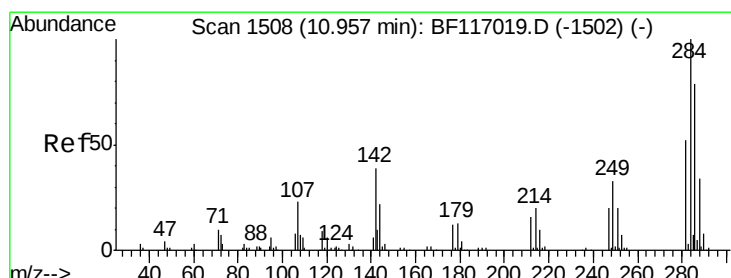
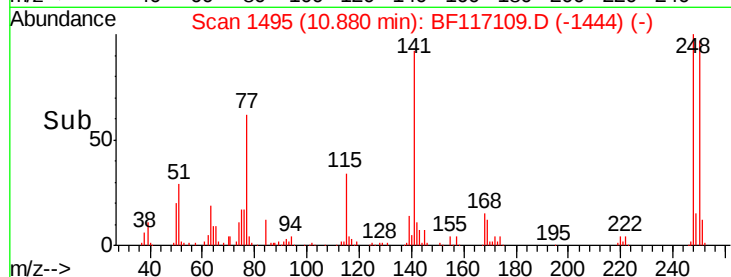
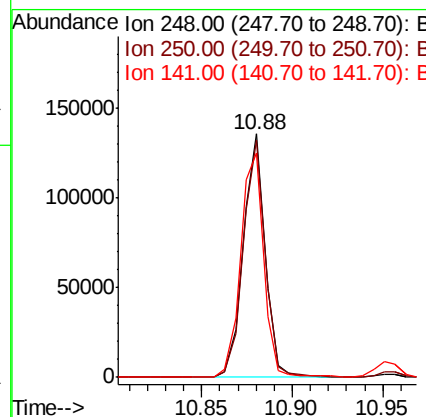
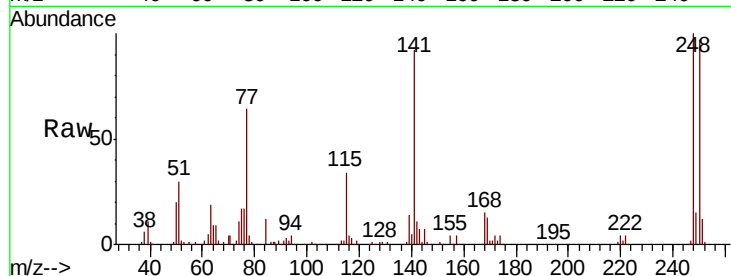
#67
4-Bromophenyl-phenylether
Concen: 38.848 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.2	114.4
141	92.2	75.0	112.4

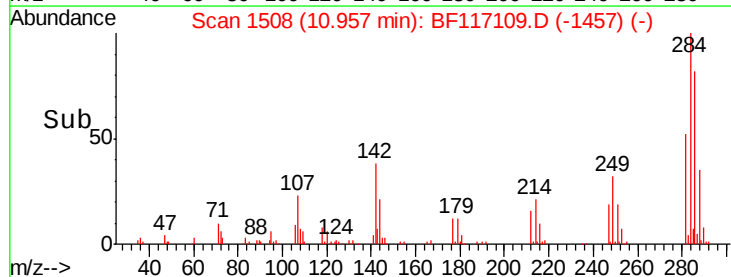
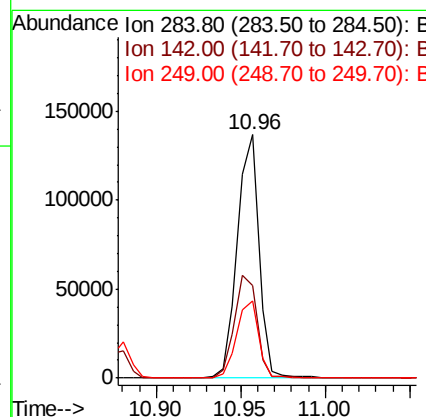
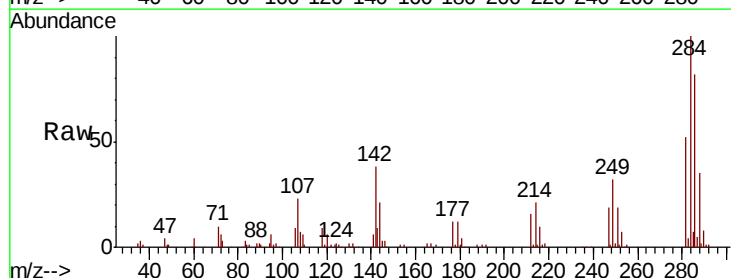
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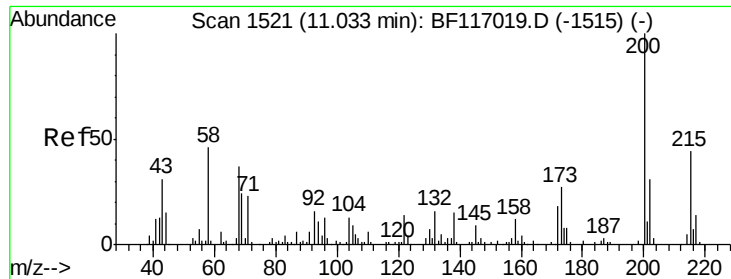
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#68
Hexachlorobenzene
Concen: 38.171 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	31.4	47.2
249	31.6	26.5	39.7





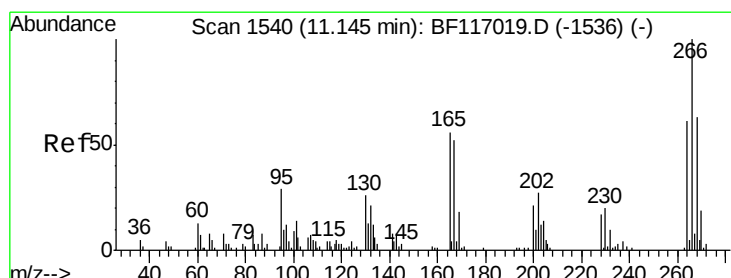
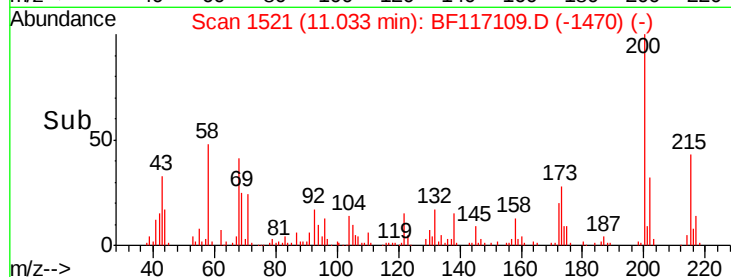
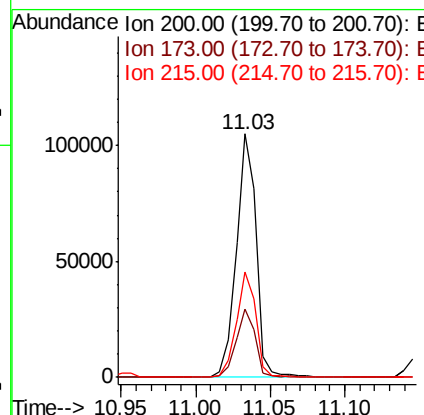
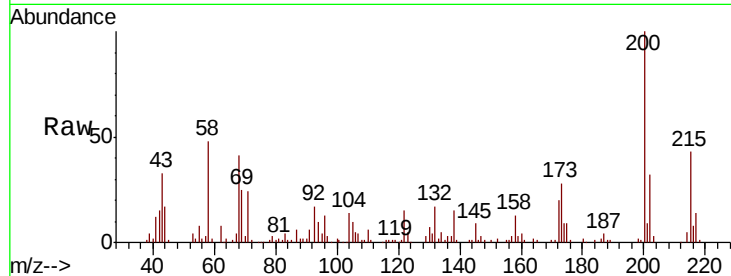
#69
 Atrazine
 Concen: 38.708 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.9	46.9
215	43.2	23.8	63.8

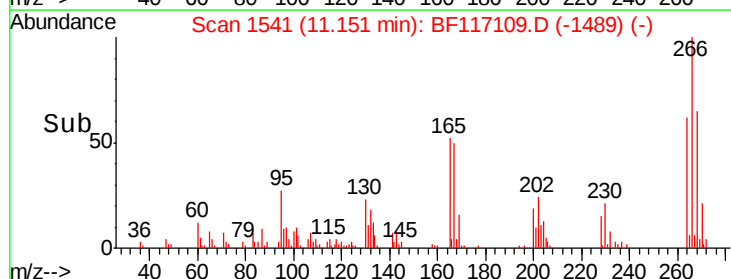
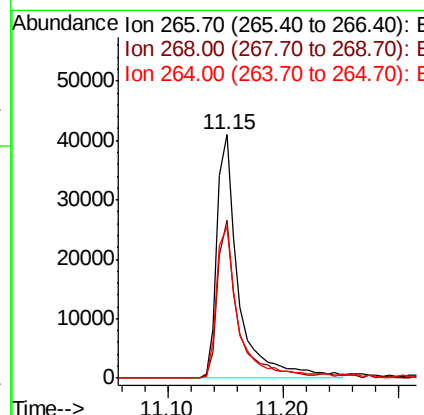
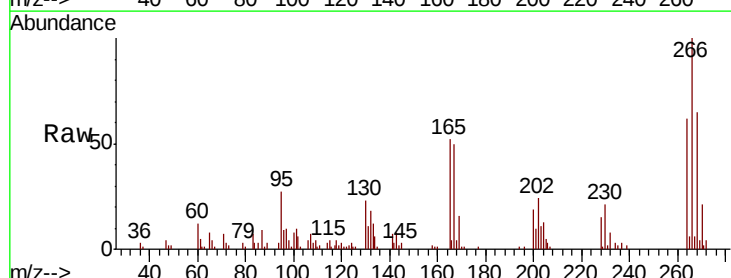
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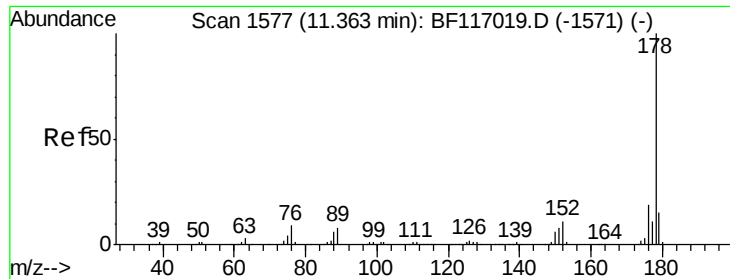
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#70
 Pentachlorophenol
 Concen: 35.802 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.5	75.7
264	62.4	48.8	73.2





#71

Phenanthrene

Concen: 37.856 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 614689

Ion Ratio Lower Upper

178 100

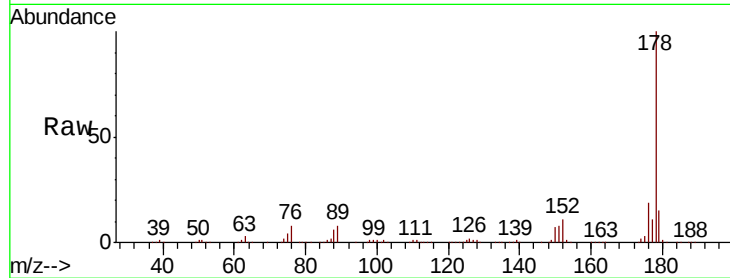
176 19.3 15.4 23.2

179 14.6 12.4 18.6

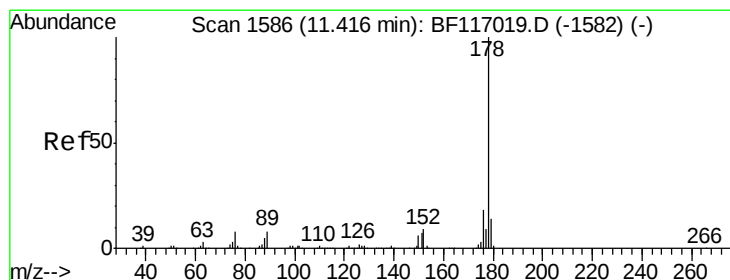
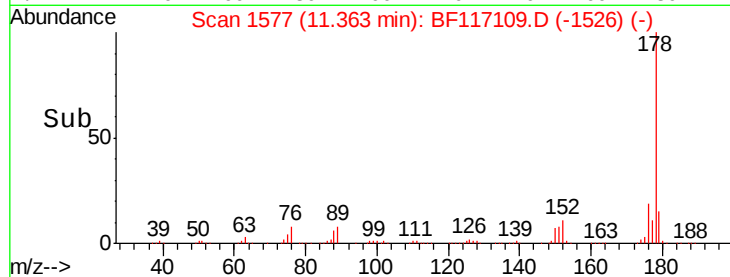
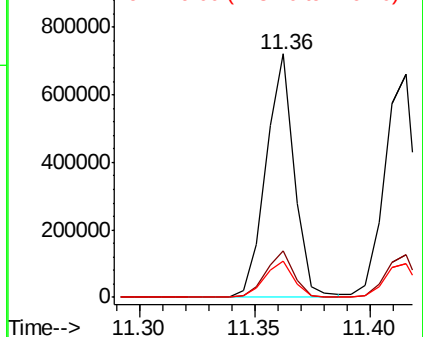
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.291 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

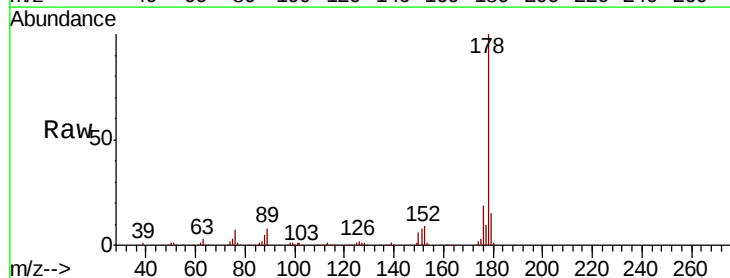
Tgt Ion:178 Resp: 634751

Ion Ratio Lower Upper

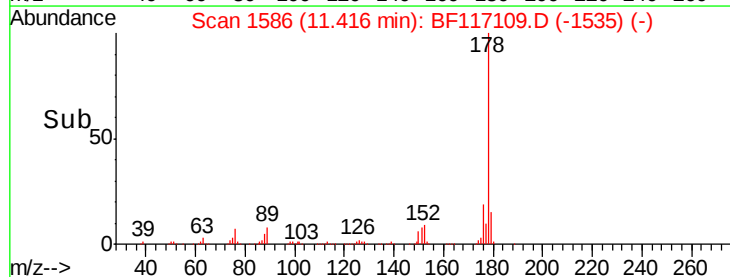
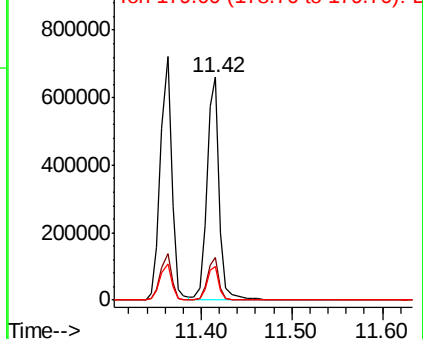
178 100

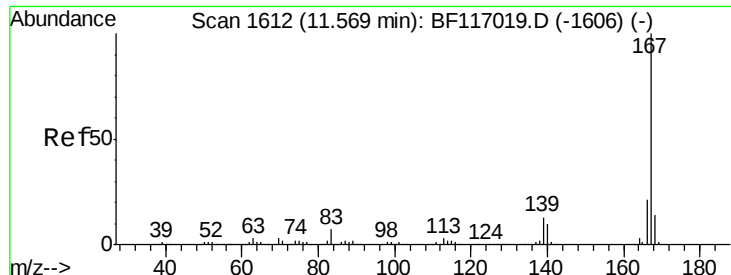
176 19.0 14.6 21.8

179 15.3 11.6 17.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





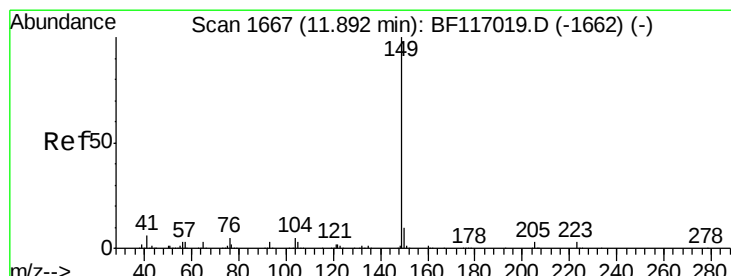
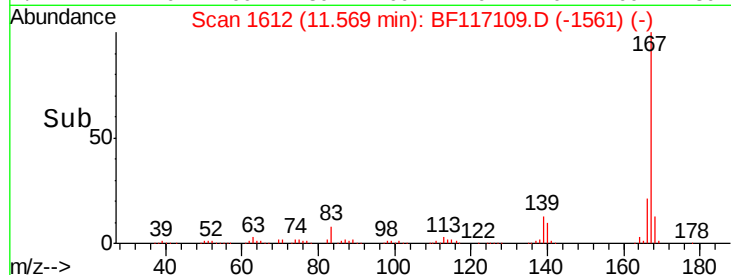
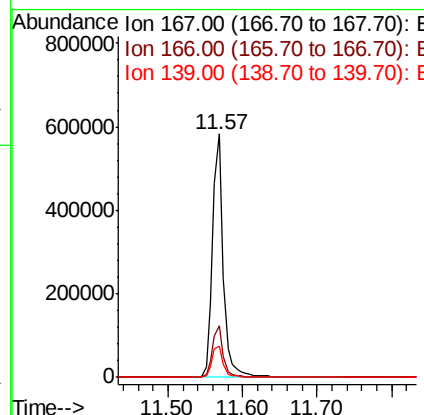
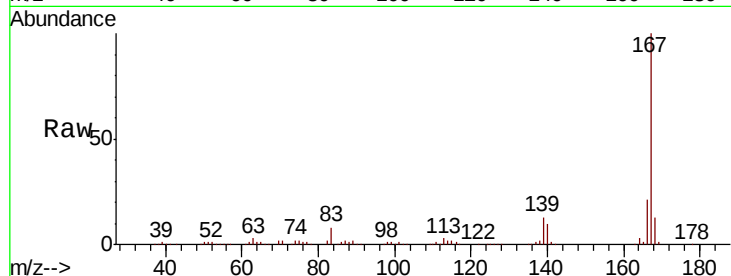
#73
 Carbazole
 Concen: 37.551 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.9	10.6	16.0

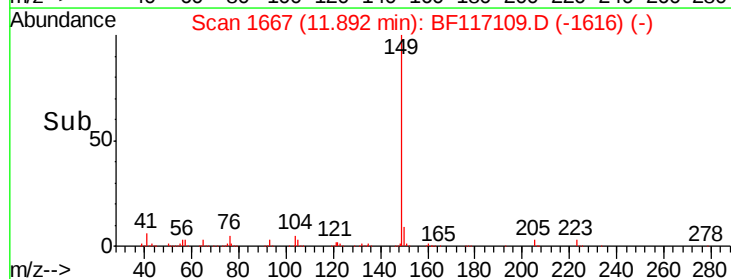
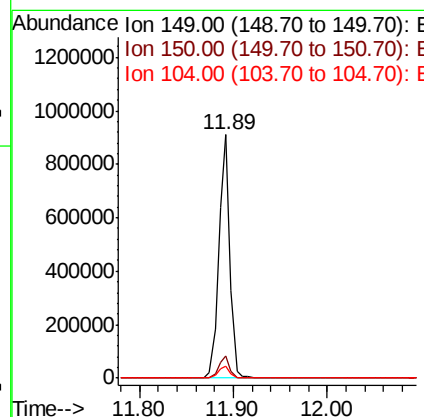
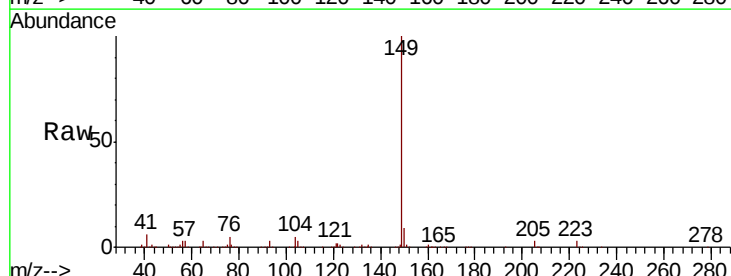
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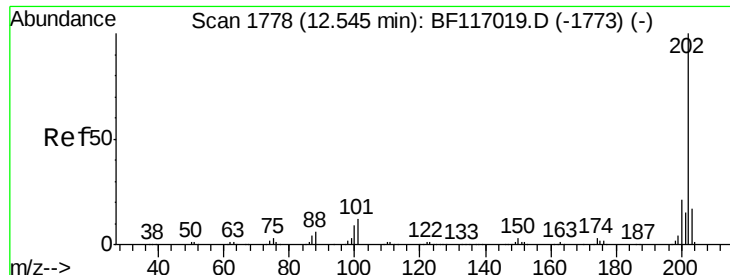
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#74
 Di-n-butylphthalate
 Concen: 40.313 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.9	4.2	6.4





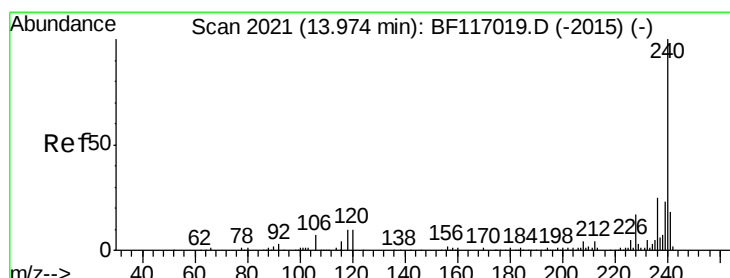
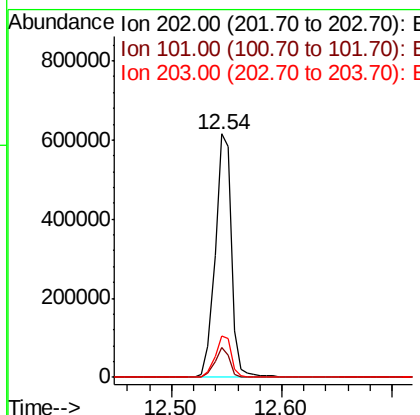
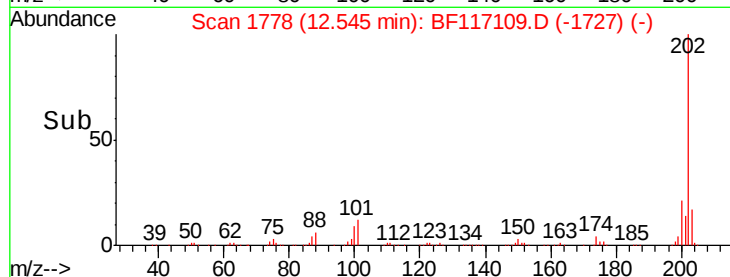
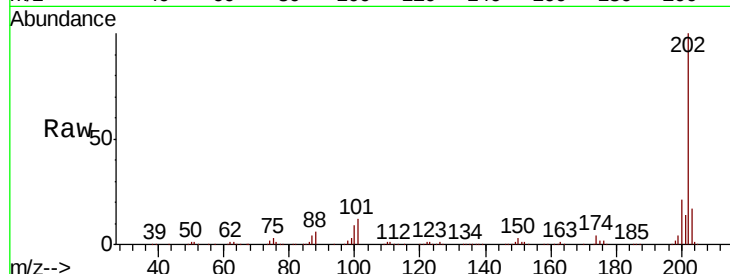
#75
Fluoranthene
 Concen: 37.525 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	0.0	32.3
203	17.0	0.0	37.1

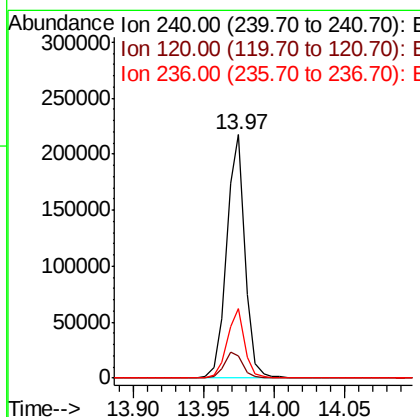
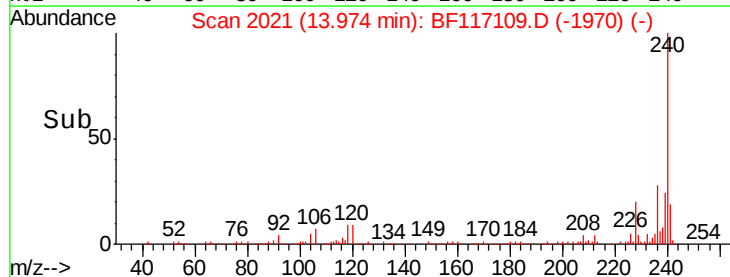
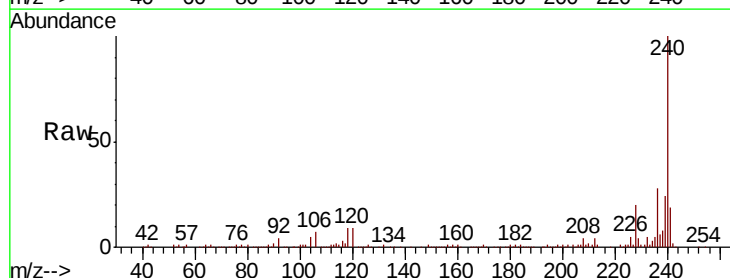
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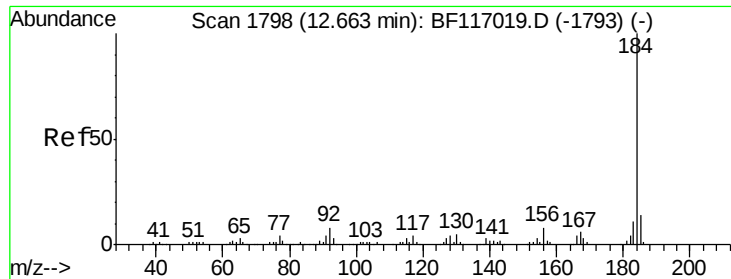
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	8.3	12.5
236	28.3	20.3	30.5





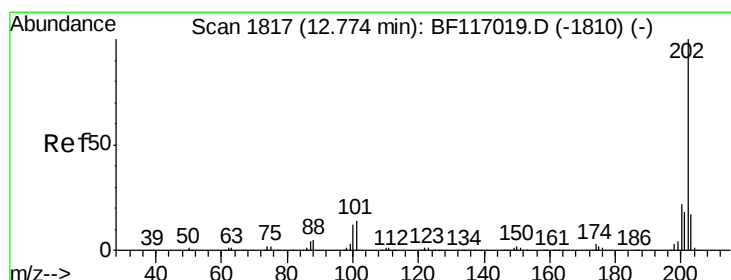
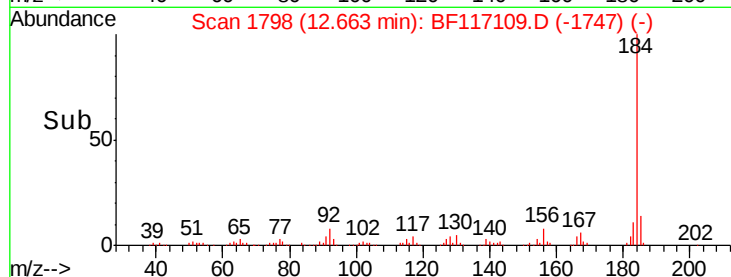
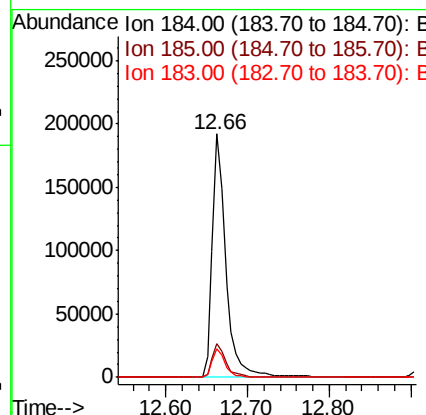
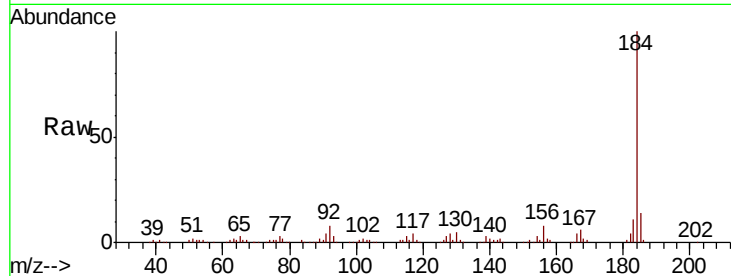
#77
Benzidine
Concen: 35.701 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.6	17.4
183	11.5	9.0	13.4

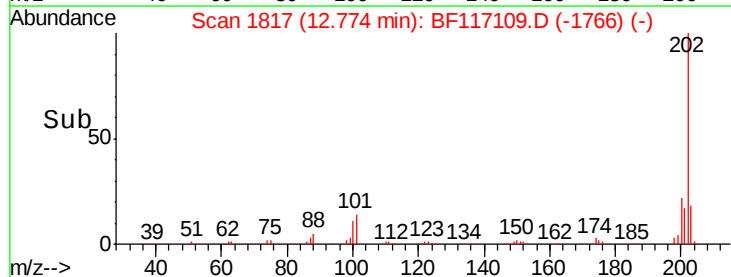
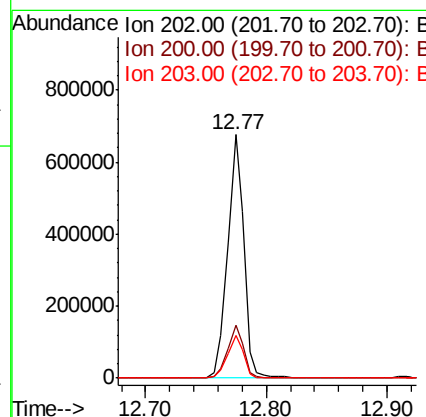
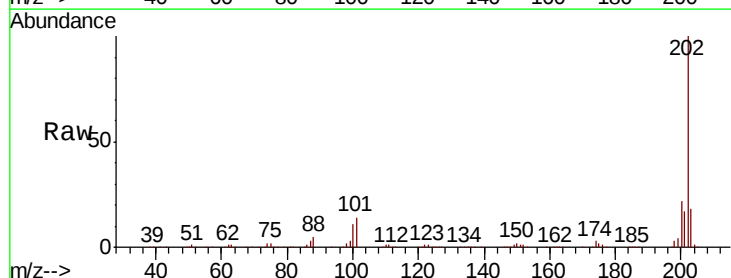
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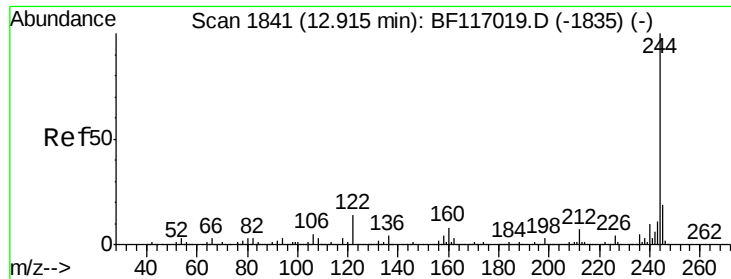
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#78
Pyrene
Concen: 38.295 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	17.6	14.0	21.0





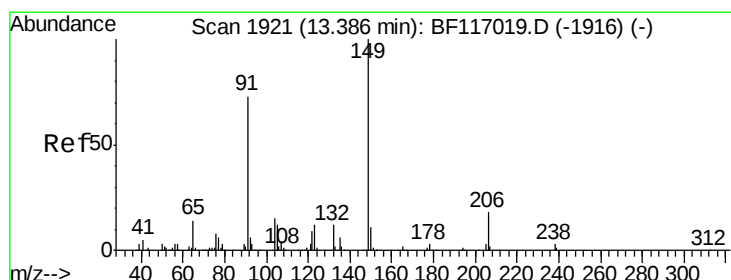
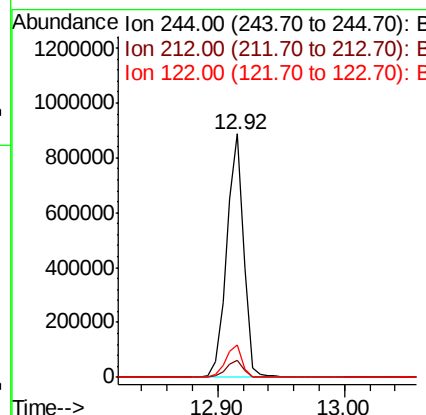
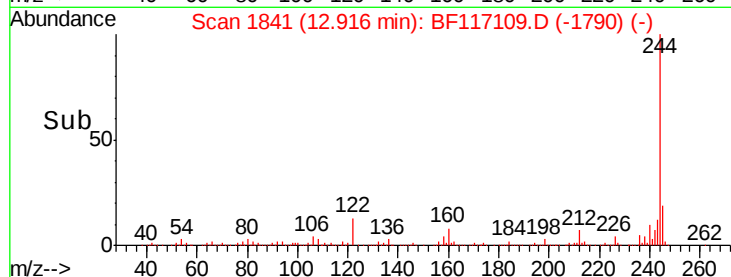
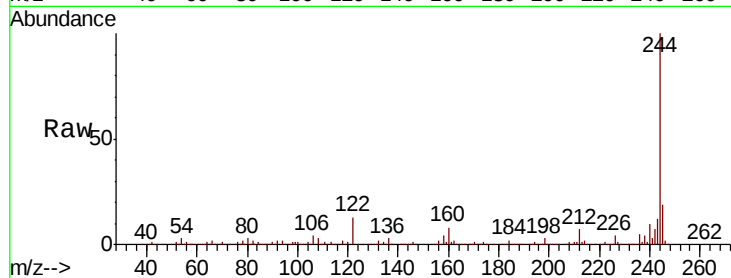
#79
 Terphenyl-d14
 Concen: 79.419 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.2	11.3	16.9

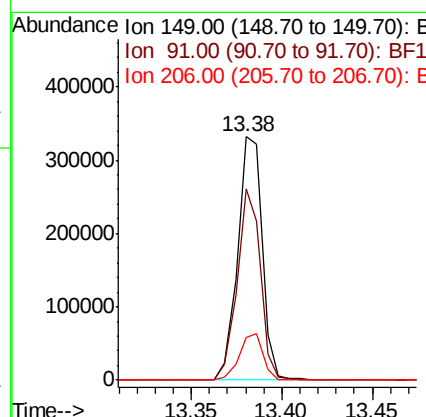
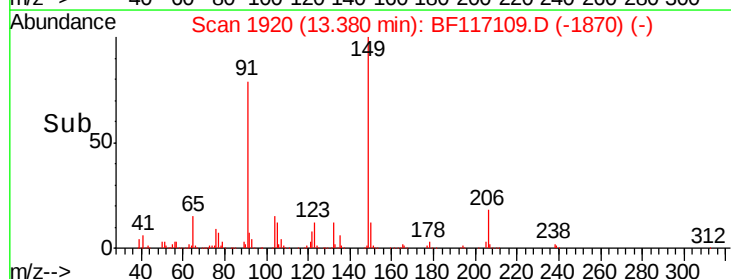
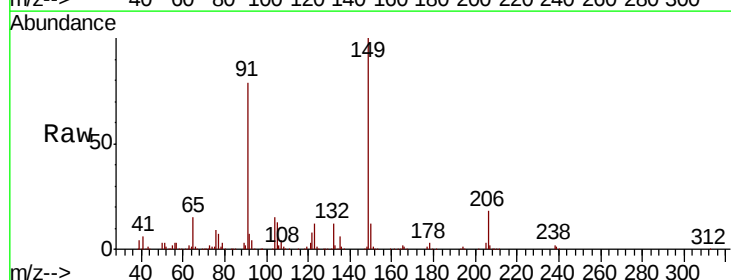
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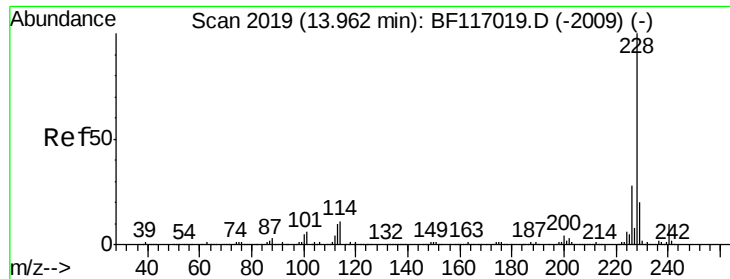
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#80
 Butylbenzylphthalate
 Concen: 40.768 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.5	58.8	88.2
206	17.6	14.1	21.1





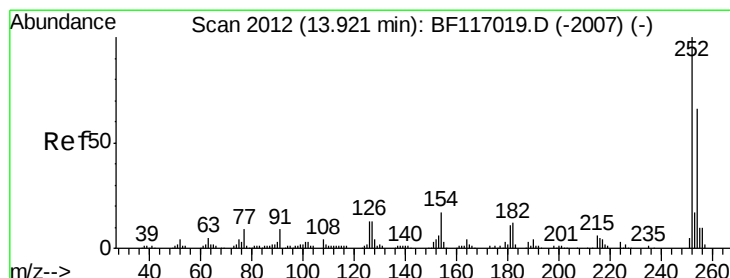
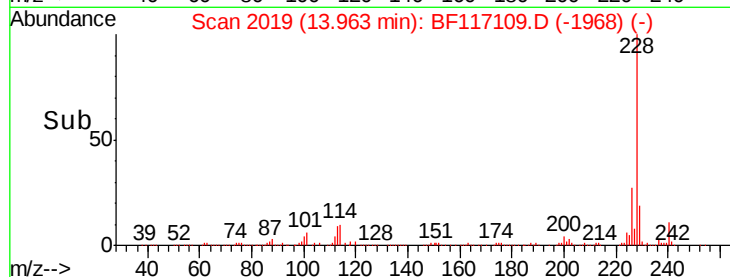
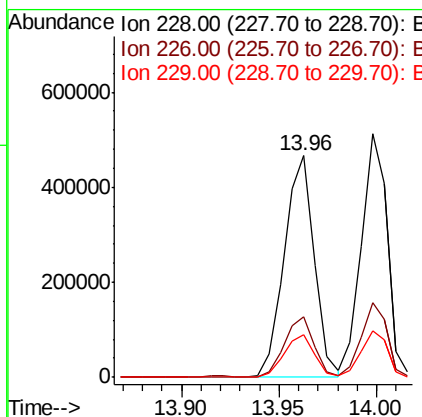
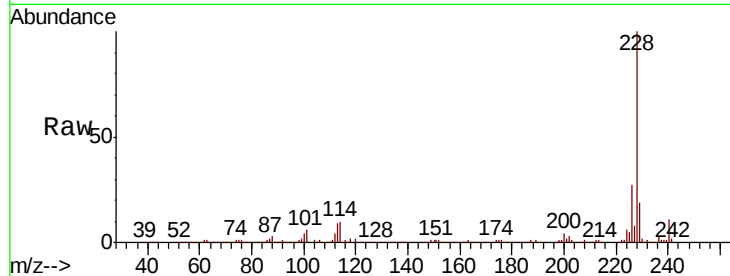
#81
Benzo(a)anthracene
Concen: 38.206 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	19.3	15.9	23.9

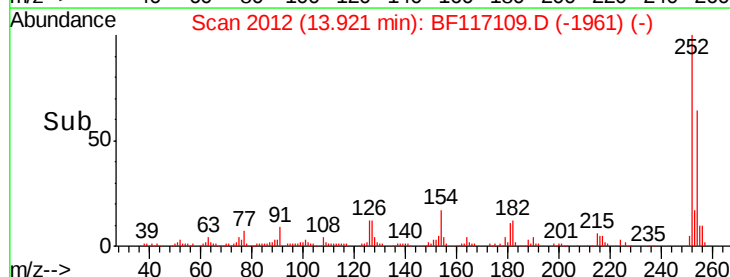
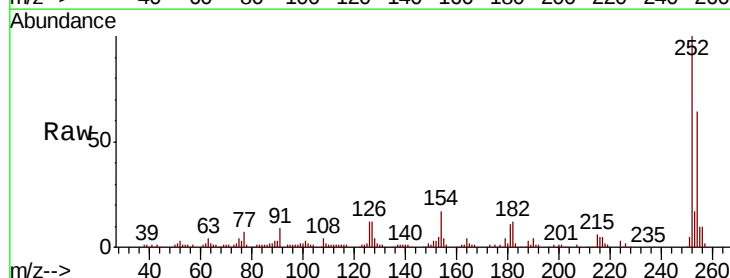
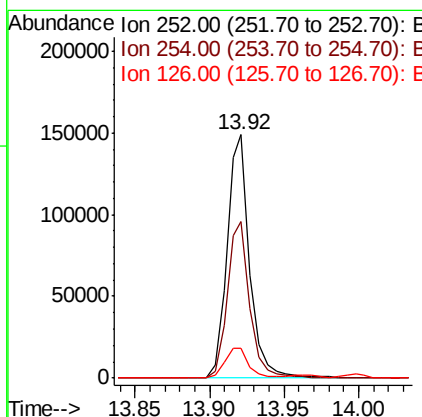
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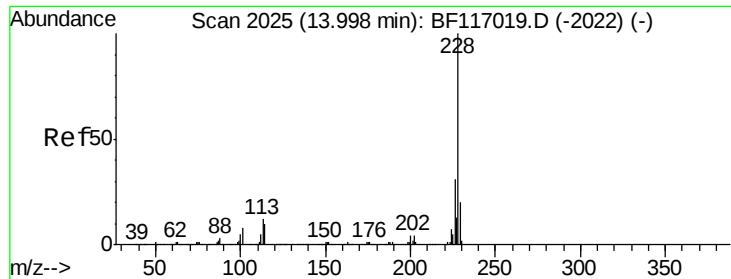
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#82
3,3'-Dichlorobenzidine
Concen: 37.905 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	79.0
126	12.1	10.4	15.6





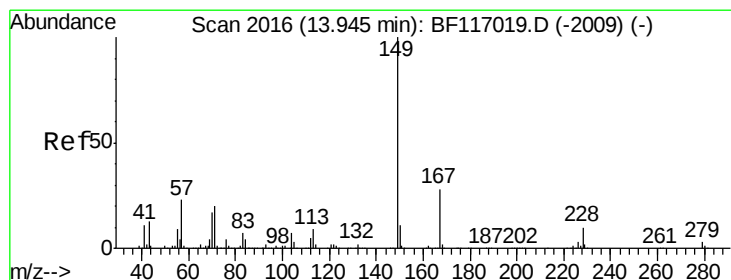
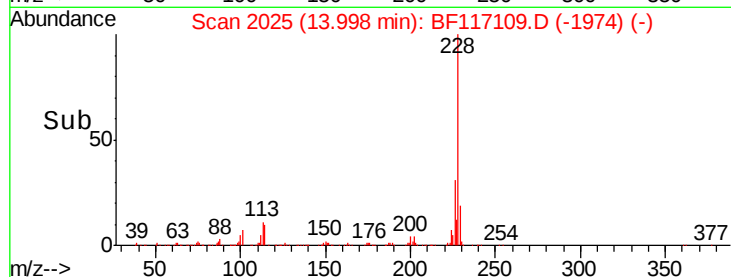
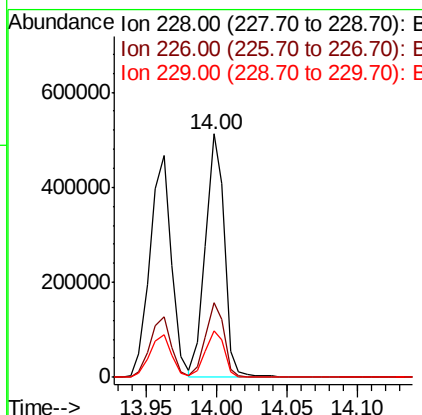
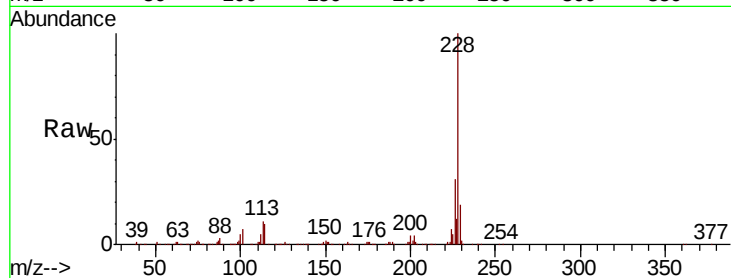
#83
Chrysene
Concen: 37.735 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	19.1	15.8	23.8

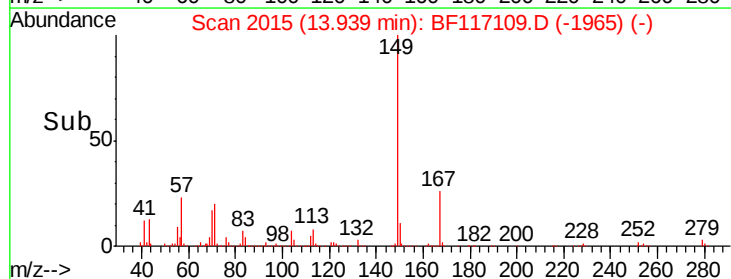
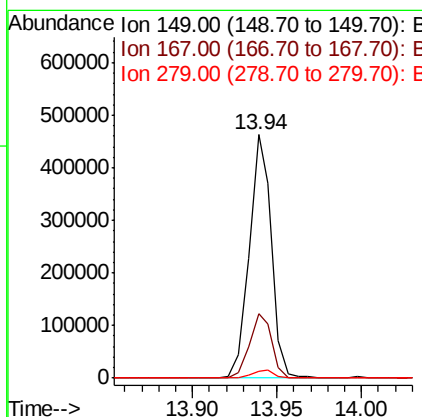
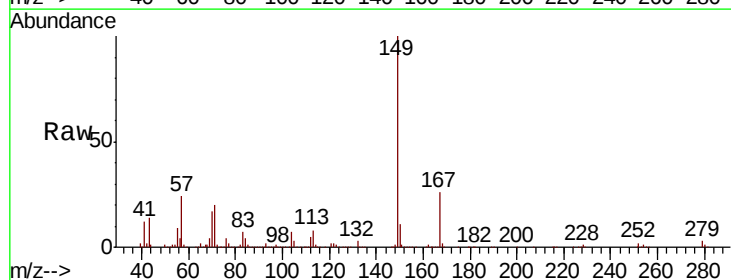
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.556 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.2	33.2
279	2.9	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 42.832 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

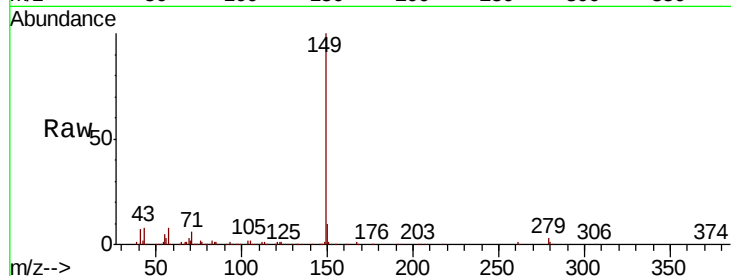
ClientSampleId :

SSTDCCC040EC

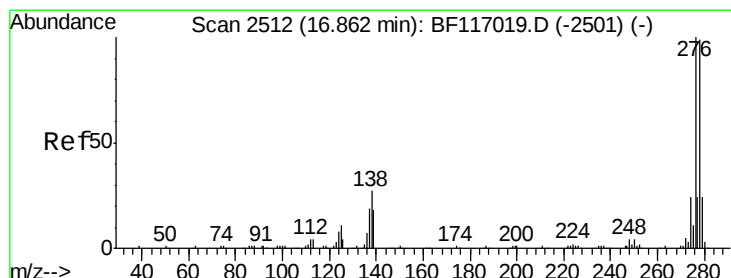
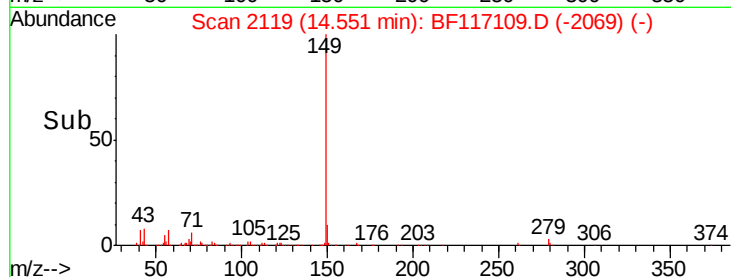
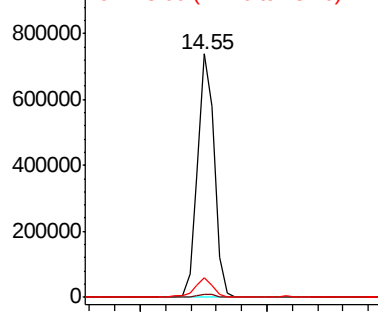
Tot Ion:	149	Resp:	671164
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.9	6.2	9.4

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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: 33.065 ng

RT: 16.86 min Scan# 2512

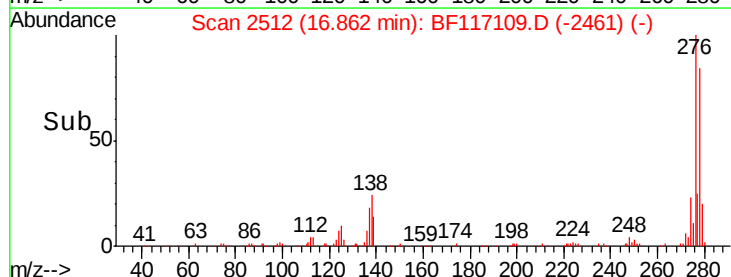
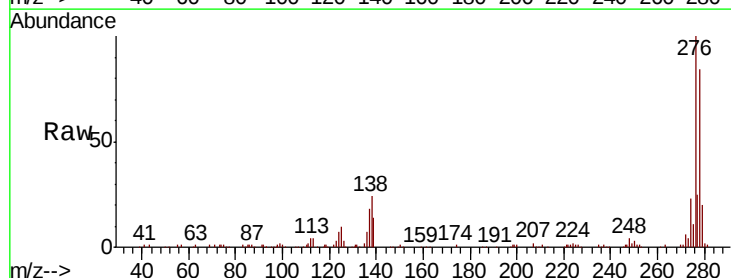
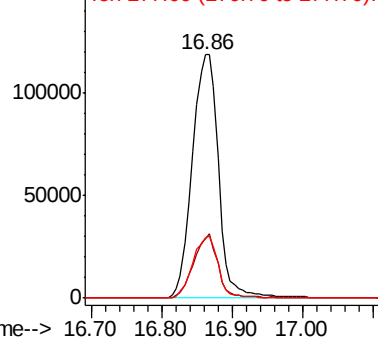
Delta R.T. 0.00 min

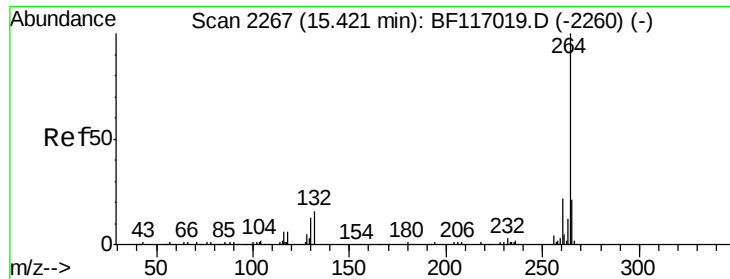
Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:	276	Resp:	306135
Ion Ratio	Lower	Upper	
276	100		
138	24.1	20.7	31.1
277	24.4	19.8	29.8

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





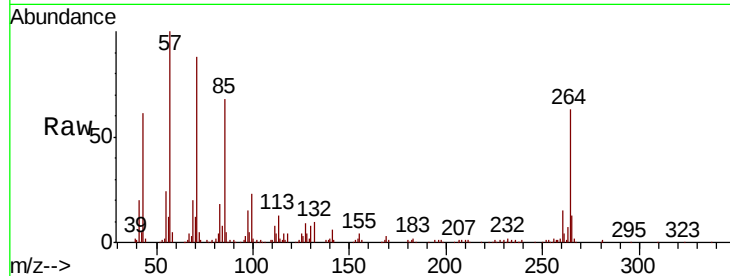
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	20.3	16.6	24.8

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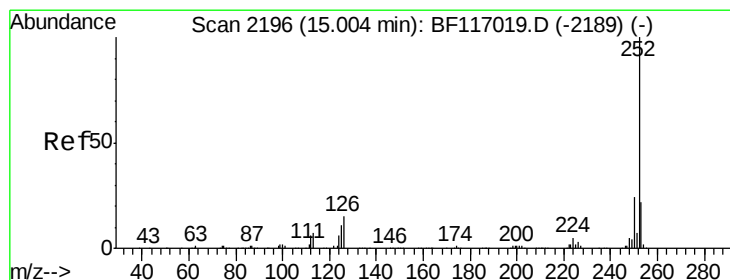
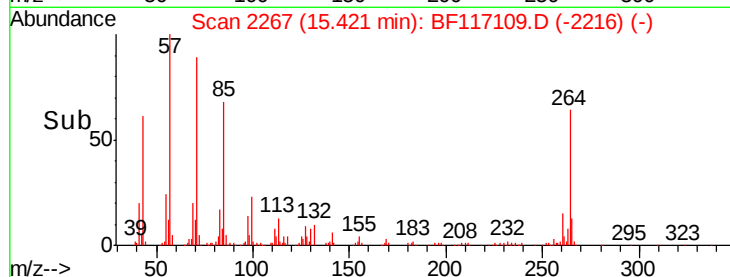
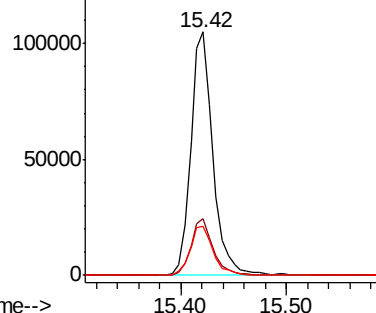


Abundance

Ion 264.00 (263.70 to 264.70): E

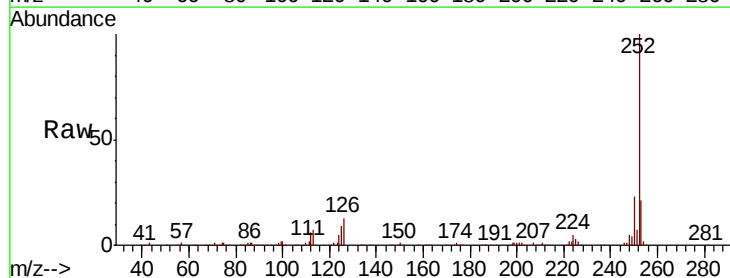
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.444 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	9.4	8.6	12.8

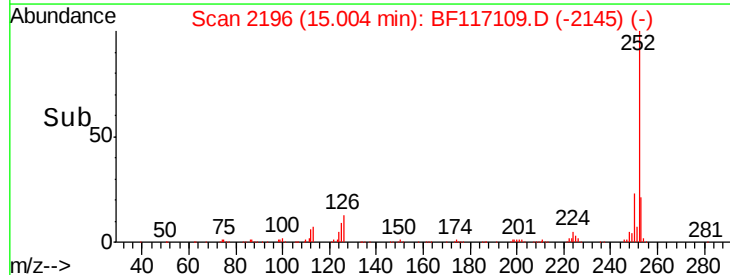
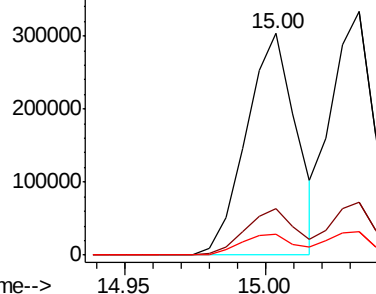


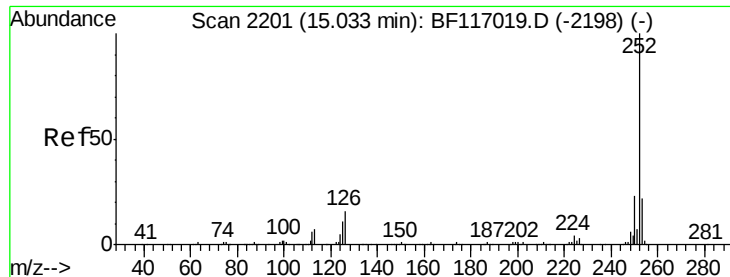
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





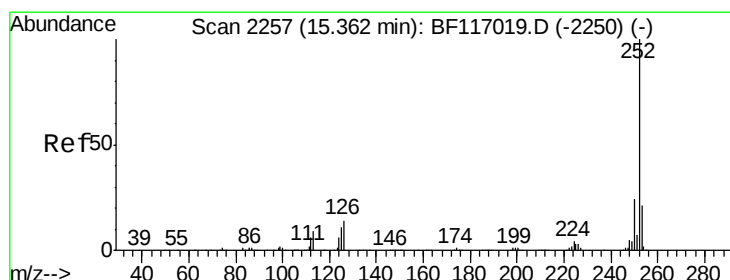
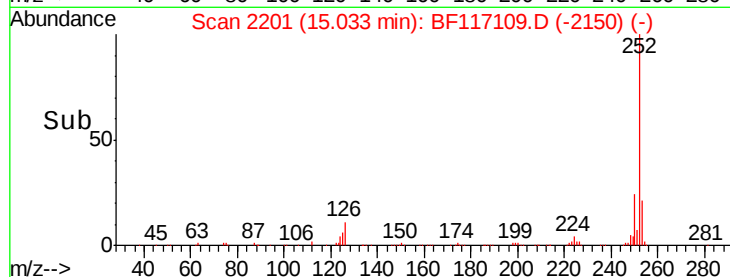
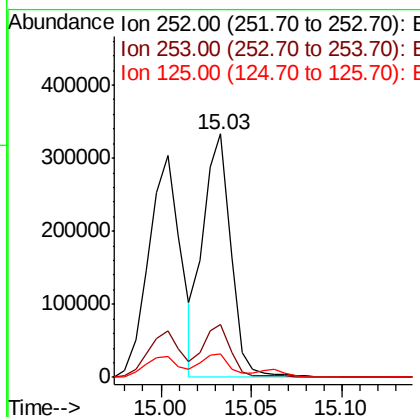
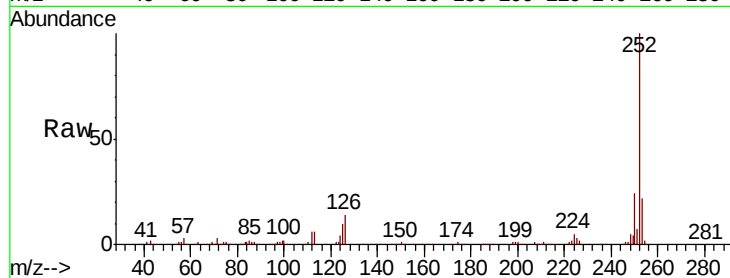
#89
Benzo(k)fluoranthene
Concen: 40.434 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.6	8.8	13.2

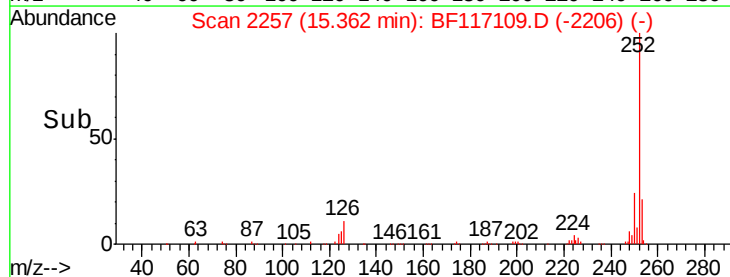
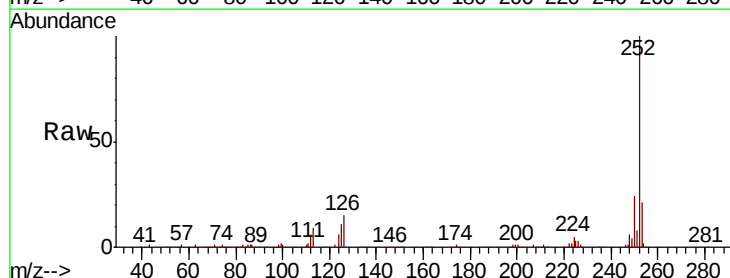
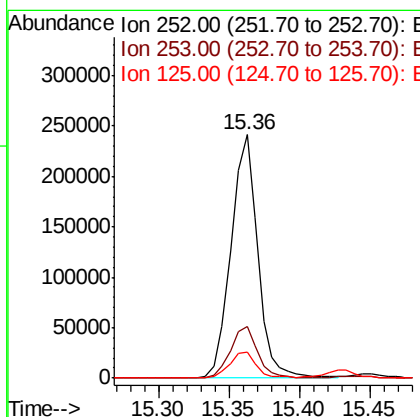
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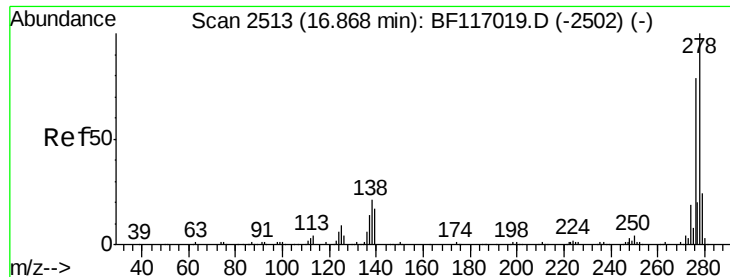
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#90
Benzo(a)pyrene
Concen: 39.430 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.6	25.0
125	10.7	8.9	13.3





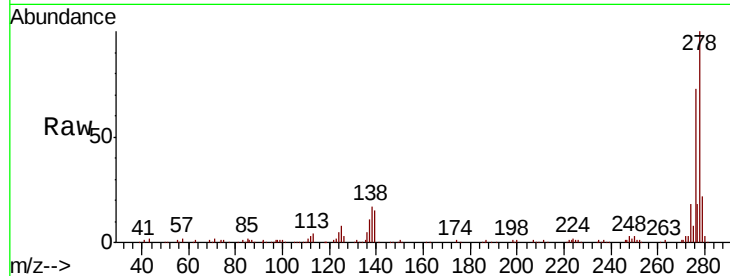
#91
Dibenzo(a,h)anthracene
Concen: 39.151 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

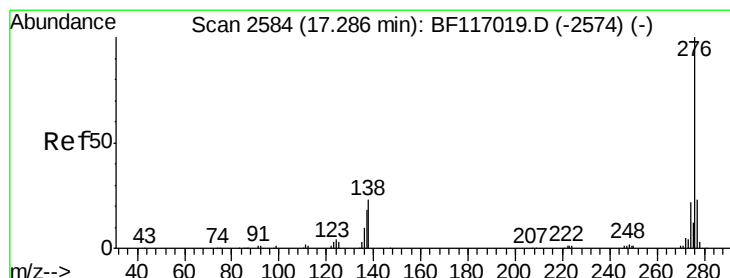
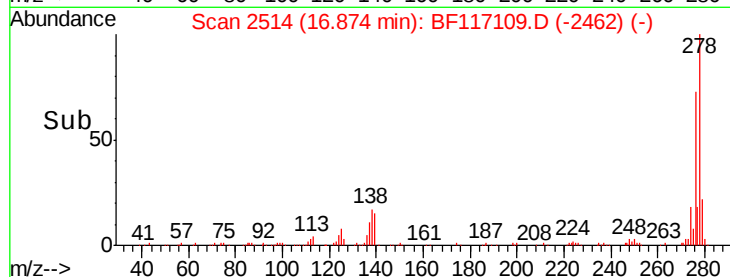
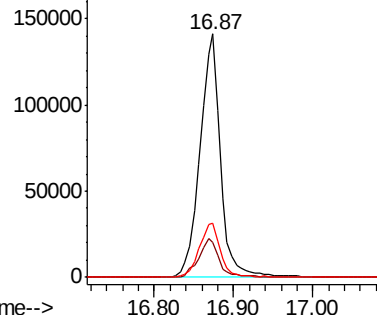
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.5	20.3
279	22.2	18.8	28.2

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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: 37.115 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	27.8
138	19.0	18.0	27.0

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

