

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117933.D
 Acq On : 22 Nov 2019 22:14
 Operator : JU
 Sample : K5840-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:19:33 AM

Quant Time: Nov 23 03:49:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	197313	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	795525	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	429912	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	899207	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	567893	20.00	ng	-0.02
87) Perylene-d12	15.60	264	502736	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	955052	85.68	ng	0.00
7) Phenol-d6	6.53	99	1389335	103.33	ng	-0.01
23) Nitrobenzene-d5	7.47	82	955094	71.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	382655	84.07	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1914733	79.90	ng	-0.02
79) Terphenyl-d14	13.04	244	2059139	66.27	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.78	88	186144	35.725 ng	97
3) Pyridine	3.53	79	460023	33.657 ng	96
4) n-Nitrosodimethylamine	3.48	42	237899	39.873 ng	100
6) Aniline	6.57	93	397895	22.395 ng	98
8) 2-Chlorophenol	6.69	128	574987	47.538 ng	98
9) Benzaldehyde	6.45	77	285793	30.637 ng	100
10) Phenol	6.55	94	734863	52.598 ng	99
11) bis(2-Chloroethyl)ether	6.64	93	507887	45.268 ng	98
12) 1,3-Dichlorobenzene	6.85	146	634961	44.590 ng	97
13) 1,4-Dichlorobenzene	6.92	146	627364	43.586 ng	99
14) 1,2-Dichlorobenzene	7.07	146	602871	43.794 ng	99
15) Benzyl Alcohol	7.05	79	501677	48.330 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	702782	40.685 ng	96
17) 2-Methylphenol	7.16	107	489250	47.764 ng	99
18) Hexachloroethane	7.42	117	229169	43.341 ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	386886	46.644 ng	96
20) 3+4-Methylphenols	7.31	107	596610	46.922 ng	# 76
22) Acetophenone	7.32	105	780954	43.694 ng	# 99
24) Nitrobenzene	7.49	77	610347	44.210 ng	98
25) Isophorone	7.73	82	1094713	44.631 ng	98
26) 2-Nitrophenol	7.80	139	323876	48.199 ng	95
27) 2,4-Dimethylphenol	7.84	122	542979	52.002 ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	632441	40.633 ng	98
29) 2,4-Dichlorophenol	8.05	162	509257	44.964 ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	564582	42.975 ng	99
31) Naphthalene	8.22	128	1753106	47.271 ng	99
32) Benzoic acid	7.97	122	408987m	46.780 ng	
33) 4-Chloroaniline	8.26	127	171123	10.307 ng	99
34) Hexachlorobutadiene	8.33	225	324572	42.256 ng	99
35) Caprolactam	8.64	113	172298m	47.866 ng	
36) 4-Chloro-3-methylphenol	8.75	107	562663	48.951 ng	97
37) 2-Methylnaphthalene	8.91	142	1235959	49.324 ng	100
38) 1-Methylnaphthalene	9.01	142	1028100	43.398 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	519801	41.634 ng	98

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Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	673397	96.246	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	404198	45.199	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	418003	45.020	ng	99
46) 1,1'-Biphenyl	9.37	154	1453873	45.582	ng	99
47) 2-Chloronaphthalene	9.40	162	1137556	43.354	ng	98
48) 2-Nitroaniline	9.49	65	345658	43.635	ng	98
49) Acenaphthylene	9.82	152	1808093	47.264	ng	99
50) Dimethylphthalate	9.68	163	1568900	52.041	ng	98
51) 2,6-Dinitrotoluene	9.74	165	319589	48.505	ng	88
52) Acenaphthene	9.99	154	1236480	50.456	ng	98
53) 3-Nitroaniline	9.90	138	133585	16.944	ng	95
54) 2,4-Dinitrophenol	10.02	184	321983	93.744	ng	93
55) Dibenzofuran	10.16	168	1588013	46.796	ng	99
56) 4-Nitrophenol	10.07	139	556594	94.581	ng	97
57) 2,4-Dinitrotoluene	10.15	165	427305	50.983	ng	97
58) Fluorene	10.51	166	1244206	47.314	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	349118	45.762	ng	98
60) Diethylphthalate	10.38	149	1380946	46.984	ng	99
61) 4-Chlorophenyl-phenylether	10.50	204	627309	47.006	ng	100
62) 4-Nitroaniline	10.53	138	323037	40.922	ng	98
63) Azobenzene	10.66	77	1281405	47.922	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	231141	55.062	ng	94
66) n-Nitrosodiphenylamine	10.62	169	1124859	42.983	ng	99
67) 4-Bromophenyl-phenylether	10.99	248	411058	42.367	ng	99
68) Hexachlorobenzene	11.06	284	460526	40.706	ng	99
69) Atrazine	11.15	200	413521	48.036	ng	98
70) Pentachlorophenol	11.25	266	533410	80.702	ng	100
71) Phenanthrene	11.47	178	1932677	42.750	ng	100
72) Anthracene	11.53	178	1970662	43.965	ng	100
73) Carbazole	11.68	167	1711725	43.700	ng	99
74) Di-n-butylphthalate	12.01	149	2078011	42.609	ng	100
75) Fluoranthene	12.67	202	1921656	47.014	ng	99
77) Benzidine	12.79	184	525690	28.260	ng	99
78) Pyrene	12.90	202	2000586	43.591	ng	100
80) Butylbenzylphthalate	13.51	149	829615	42.087	ng	92
81) Benzo(a)anthracene	14.09	228	1615572	43.051	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	361084	27.507	ng	99
83) Chrysene	14.13	228	1602437	44.067	ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	1146307	47.967	ng	98
85) Di-n-octyl phthalate	14.69	149	1722689	49.069	ng	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	1282019	41.423	ng	99
88) Benzo(b)fluoranthene	15.16	252	1384698	42.394	ng	100
89) Benzo(k)fluoranthene	15.19	252	1325931	43.083	ng	99
90) Benzo(a)pyrene	15.54	252	1212815	42.226	ng	98
91) Dibenzo(a,h)anthracene	17.15	278	1062631	42.984	ng	98
92) Benzo(g,h,i)perylene	17.59	276	1054096	42.809	ng	99

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



#1

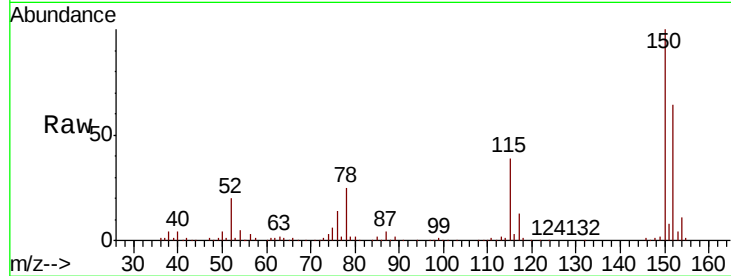
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	59.9	47.0	70.4

Manual Integrations
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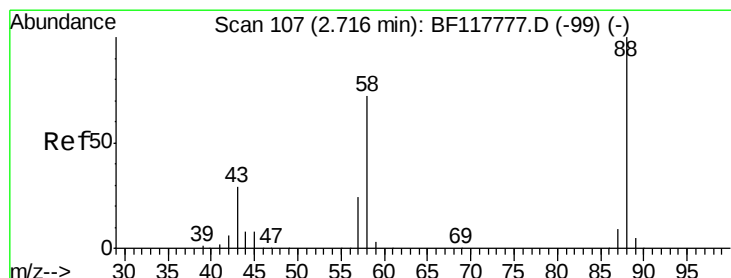
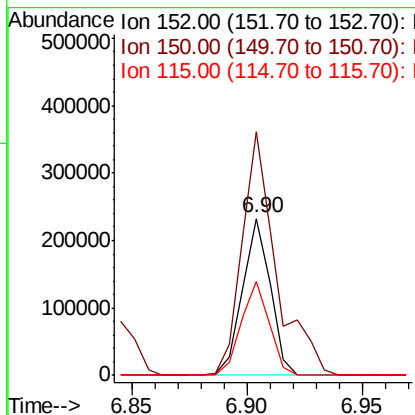
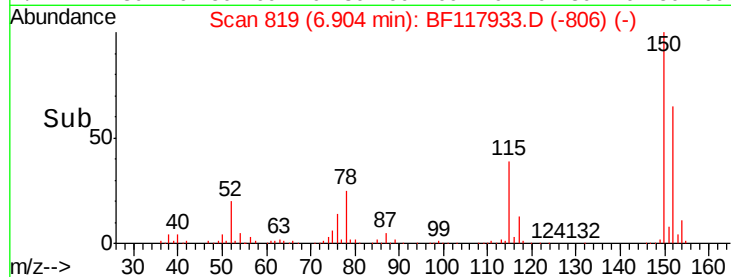


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

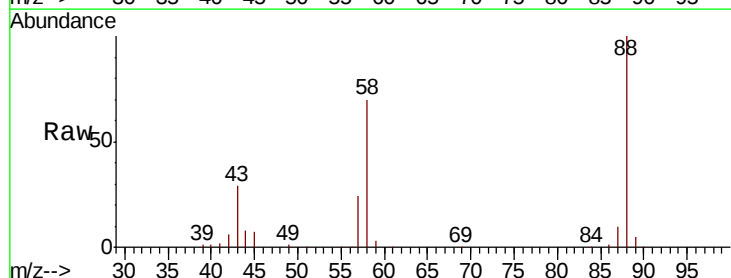
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.725 ng
RT: 2.78 min Scan# 117
Delta R.T. 0.06 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	58.2	87.2
43	27.5	23.3	34.9

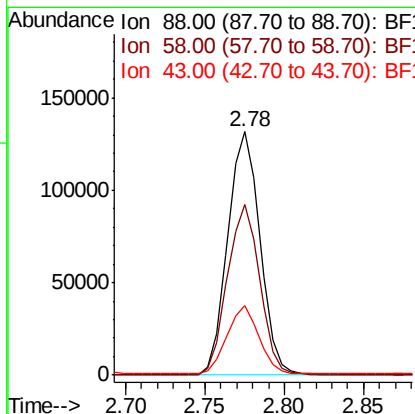
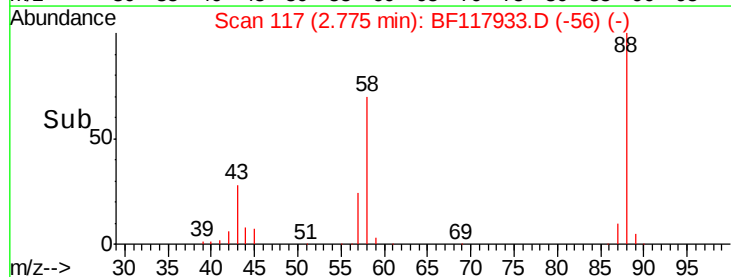


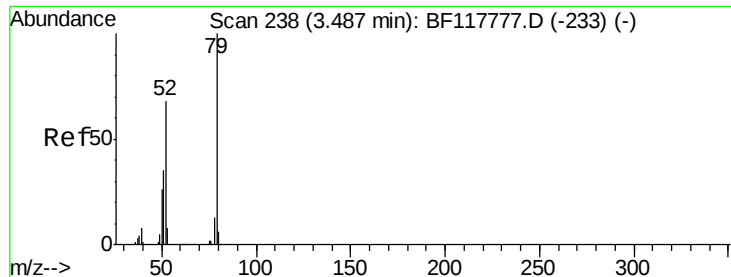
Abundance

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





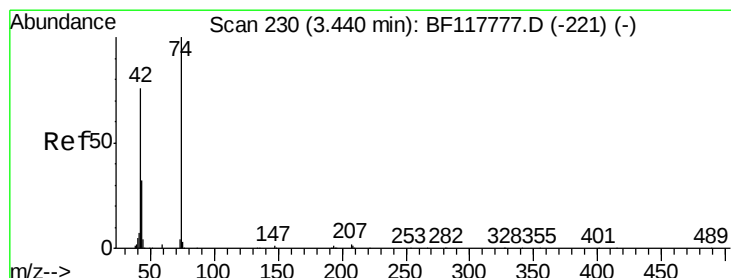
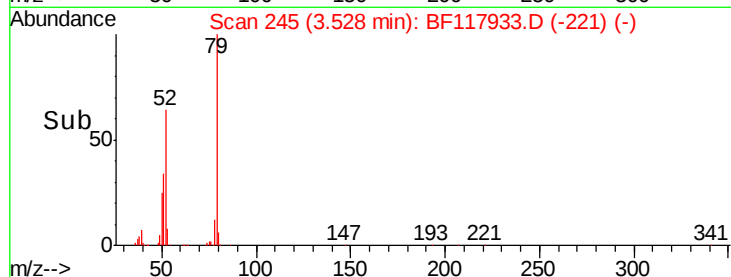
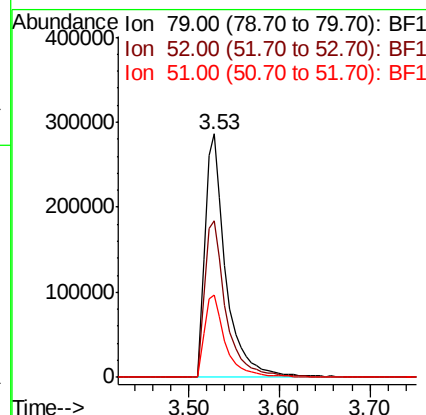
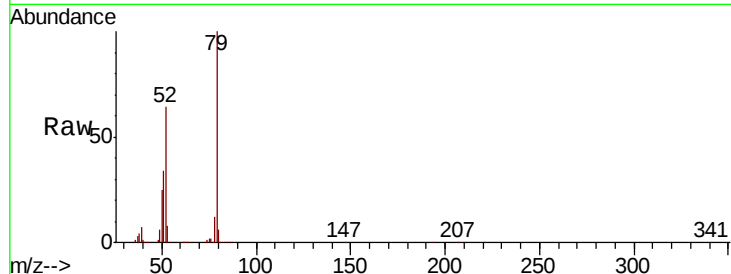
#3
Pvridine
Concen: 33.657 ng
RT: 3.53 min Scan# 245
Delta R.T. 0.04 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	54.8	82.2
51	33.7	28.2	42.4

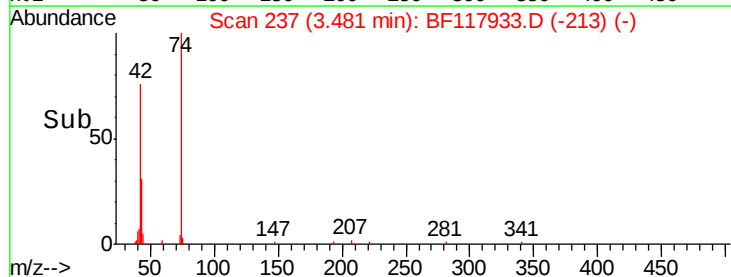
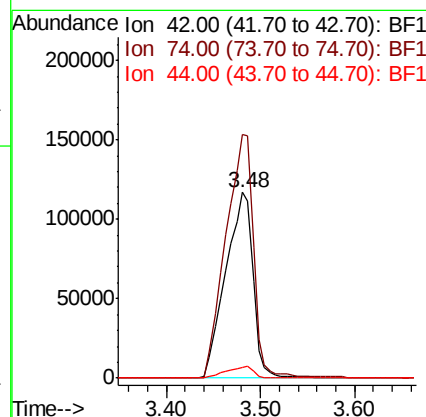
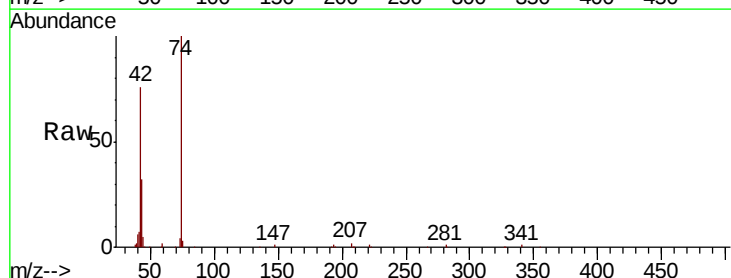
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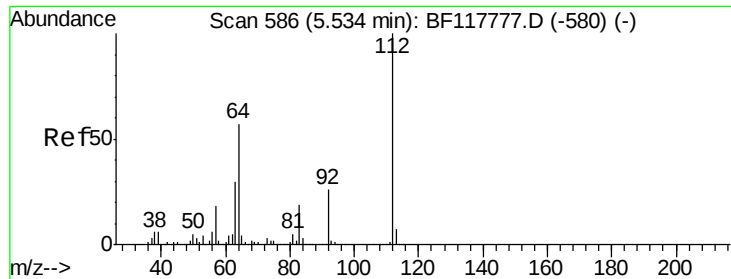
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#4
n-Nitrosodimethylamine
Concen: 39.873 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.04 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.1	105.1	157.7
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 85.678 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

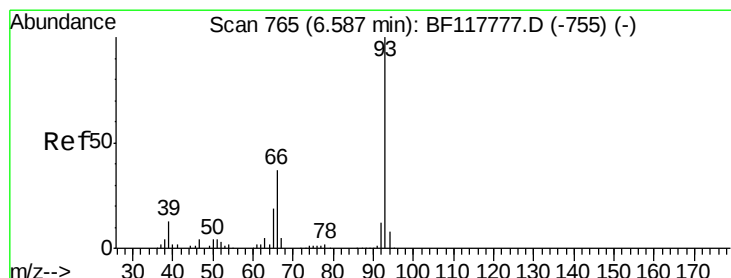
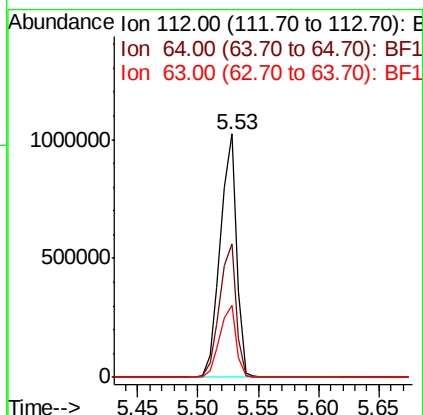
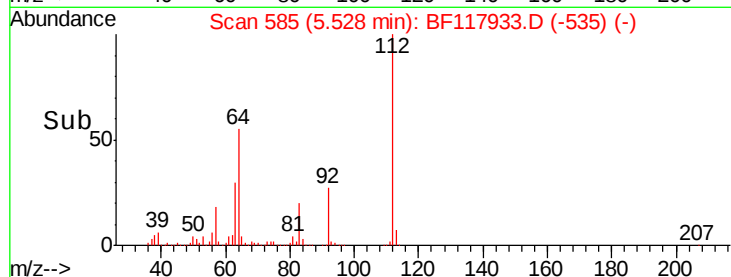
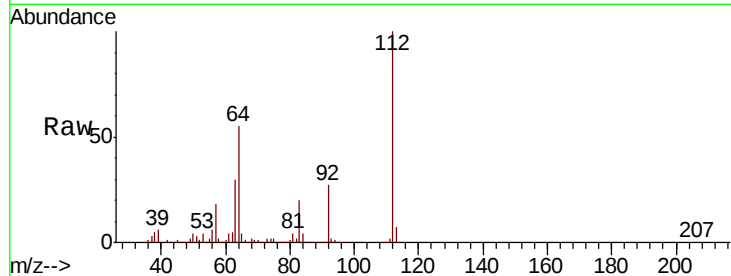
ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	955052		
64	54.8	45.6	68.4	
63	29.7	24.1	36.1	

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#6

Aniline

Concen: 22.395 ng

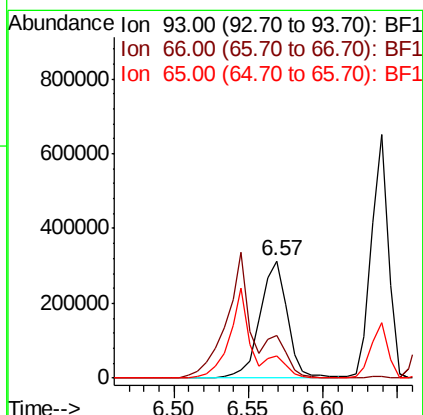
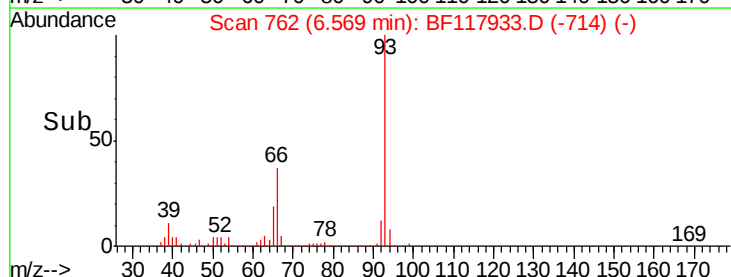
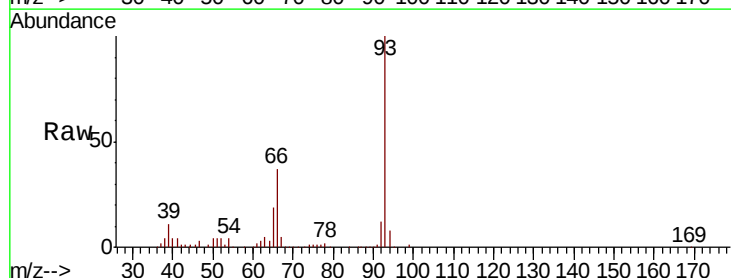
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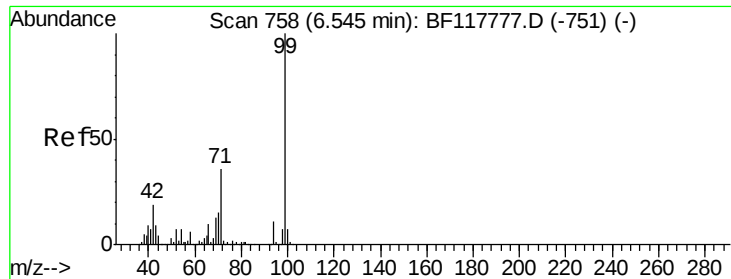
Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	397895		
66	36.6	30.6	45.8	
65	18.6	15.6	23.4	





#7

Phenol-d6

Concen: 103.334 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion: 99 Resp: 1389335

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

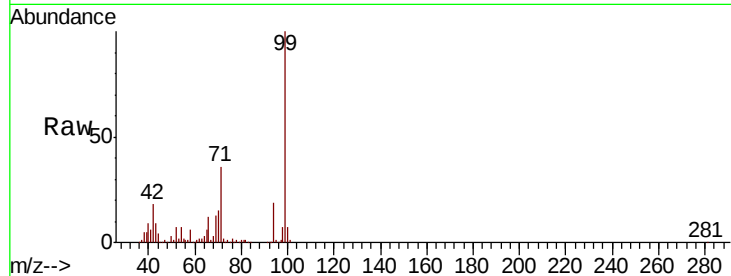
71 36.0 28.6 43.0

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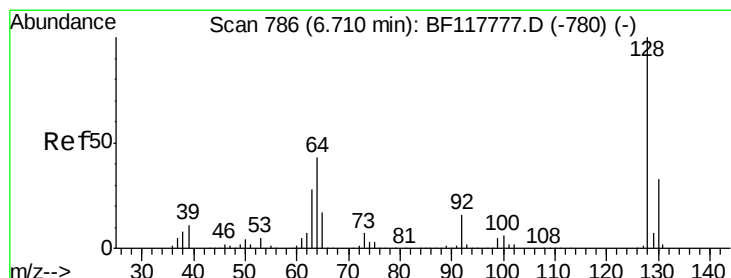
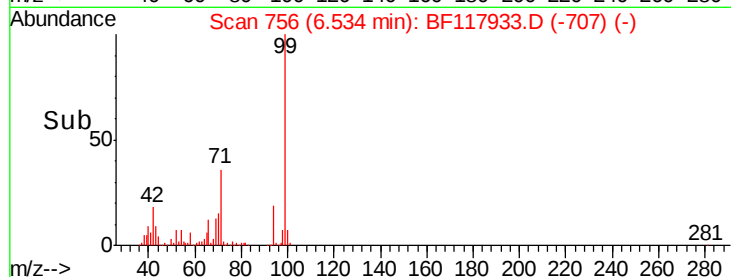
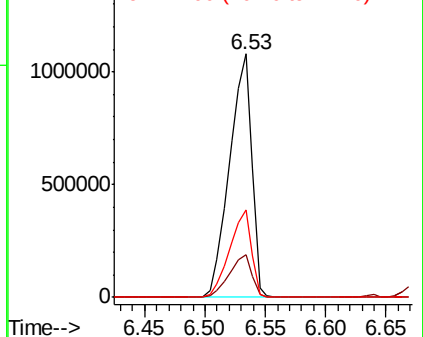
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.538 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

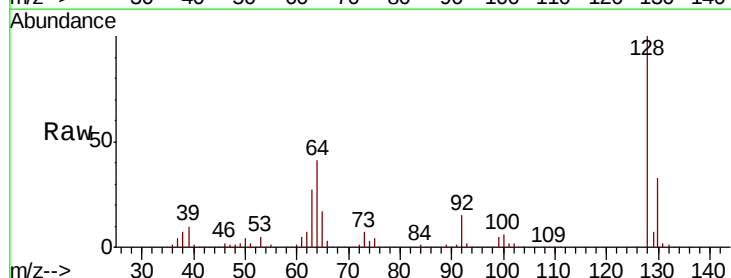
Tgt Ion: 128 Resp: 574987

Ion Ratio Lower Upper

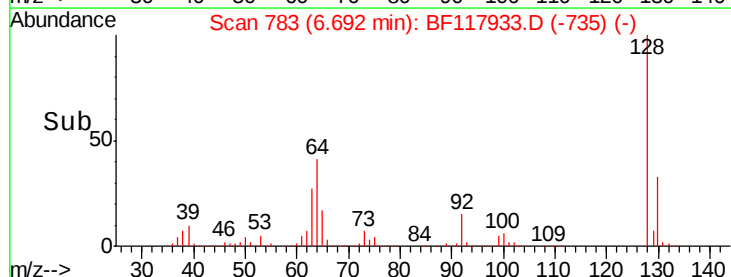
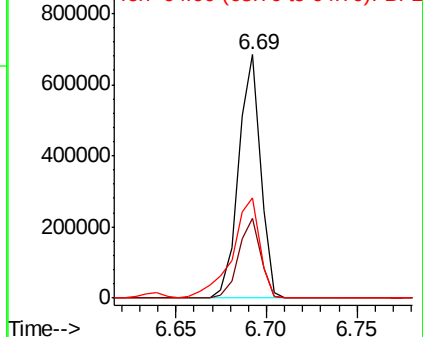
128 100

130 32.9 13.2 53.2

64 41.2 23.7 63.7



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





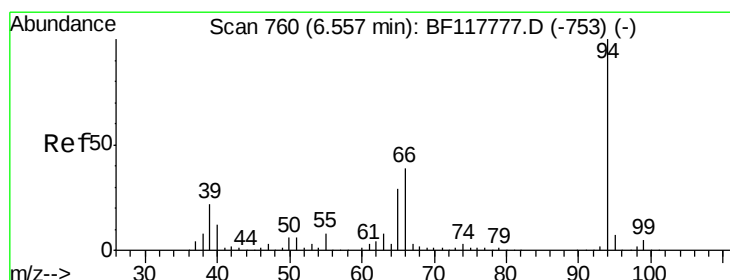
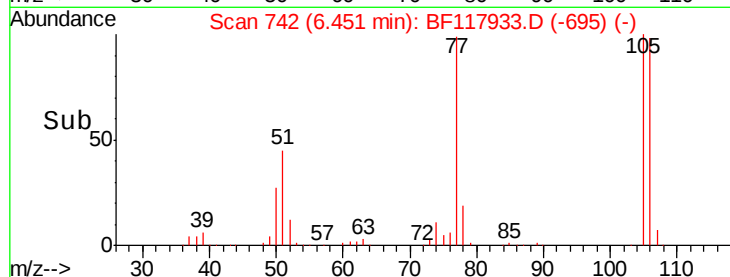
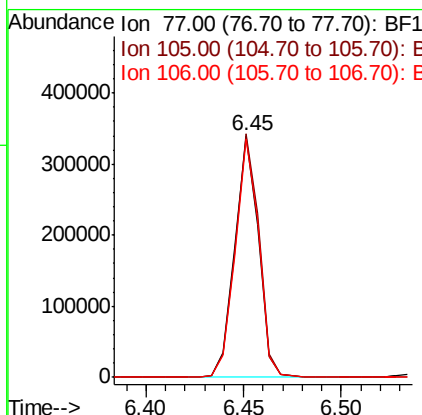
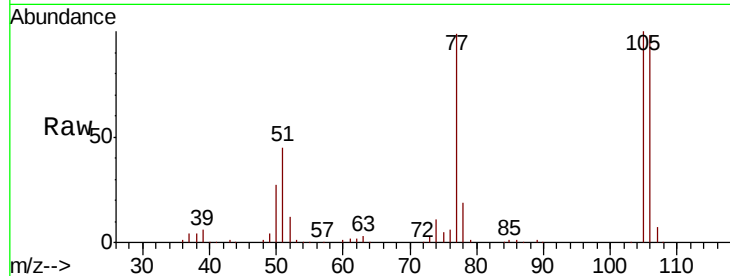
#9
Benzaldehyde
Concen: 30.637 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.2	120.2
106	98.6	78.4	118.4

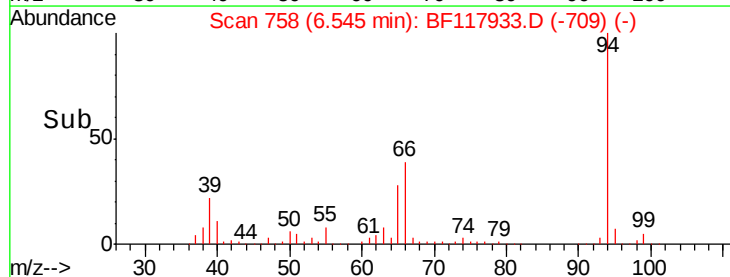
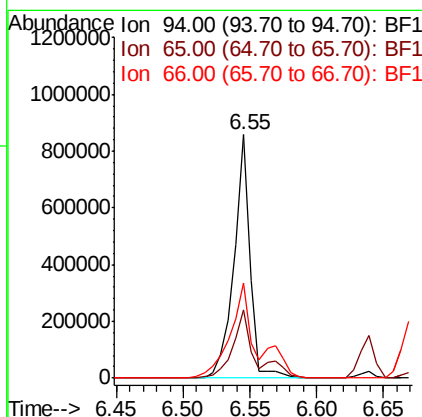
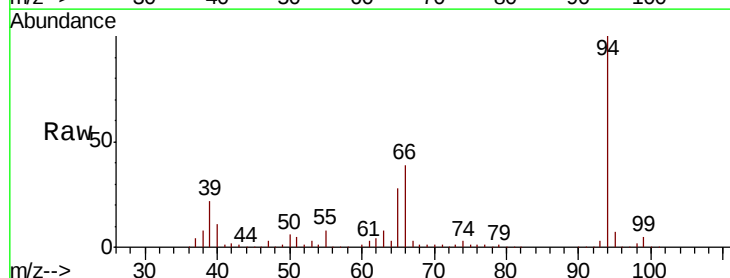
Manual Integrations
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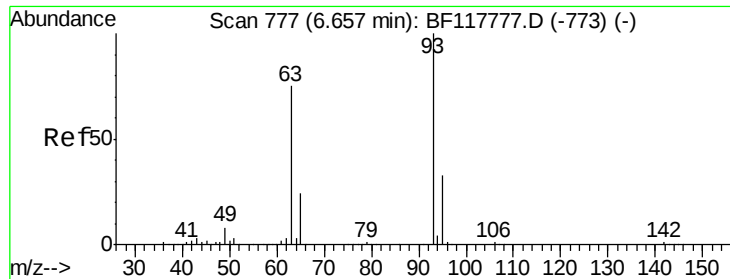
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#10
Phenol
Concen: 52.598 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.9	48.9
66	39.0	18.7	58.7





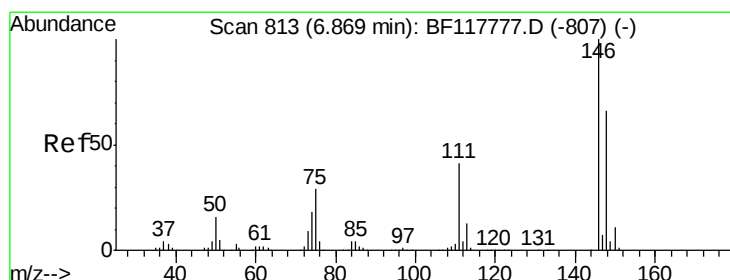
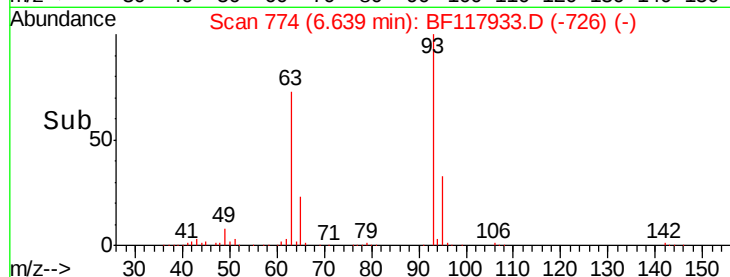
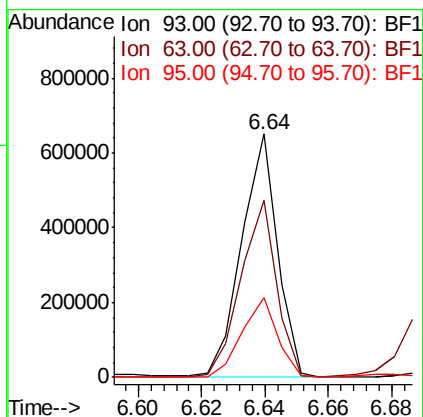
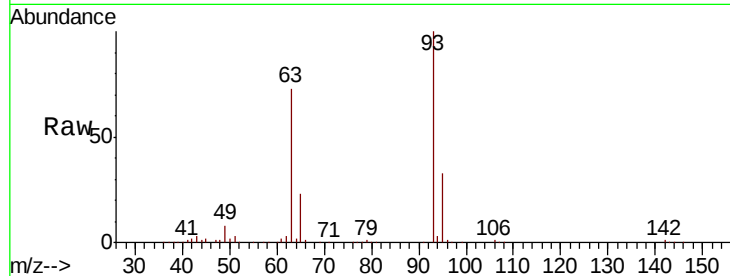
#11
bis(2-Chloroethyl)ether
Concen: 45.268 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	54.8	94.8
95	32.6	12.7	52.7

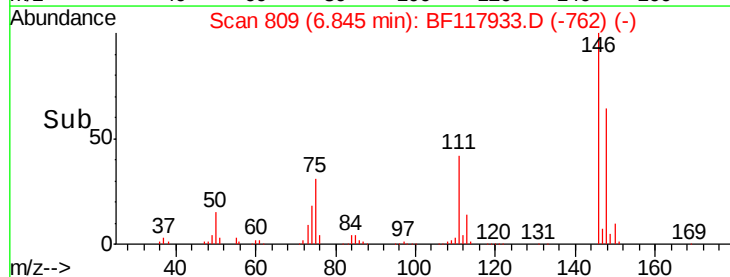
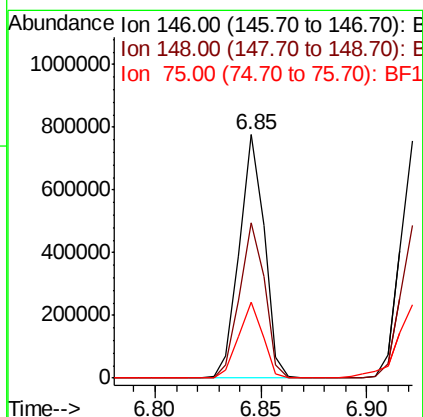
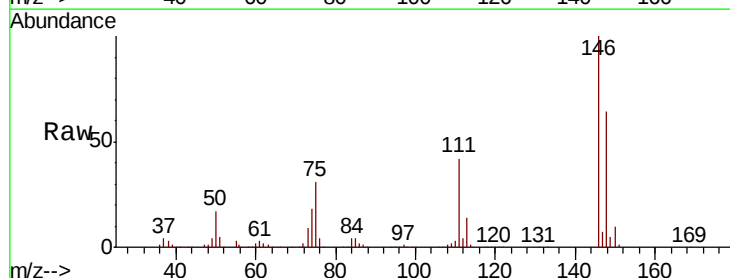
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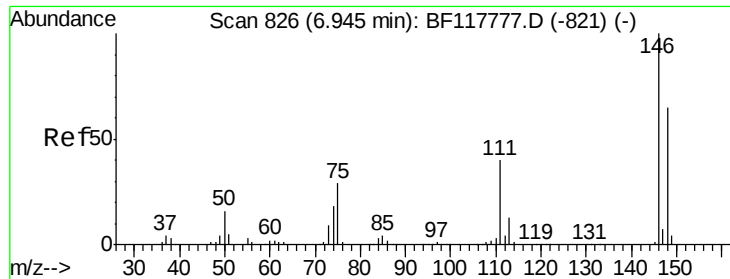
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.590 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.8	79.2
75	31.0	23.4	35.0





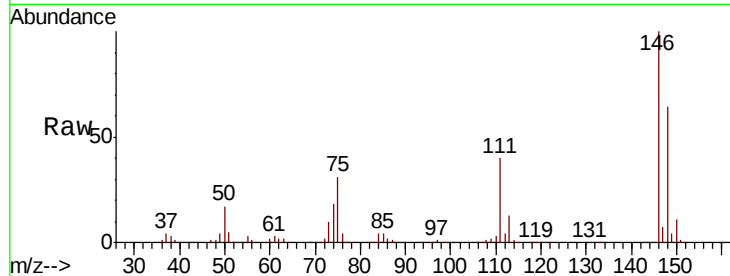
#13
 1,4-Dichlorobenzene
 Concen: 43.586 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	40.4	32.2	48.4

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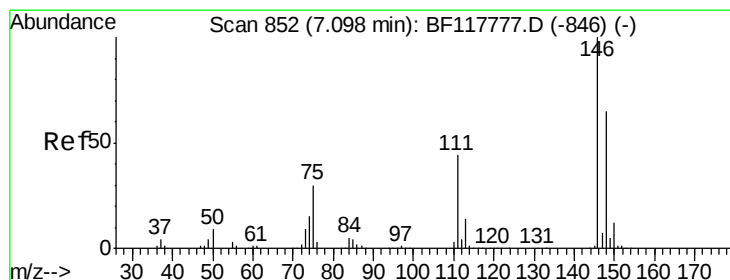
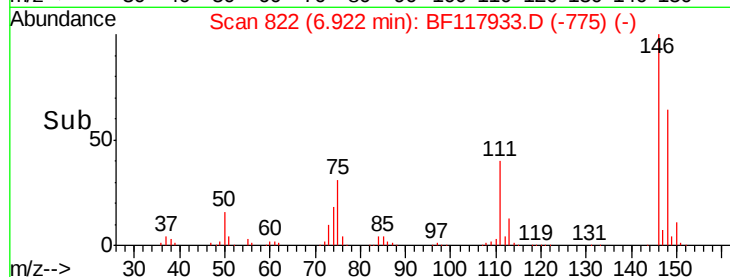
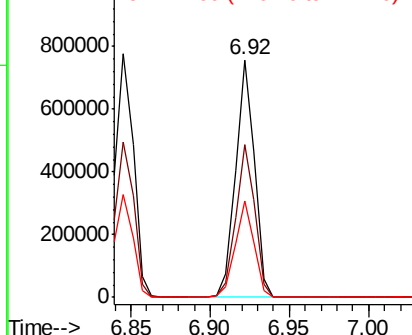


Abundance

Ion 146.00 (145.70 to 146.70): E

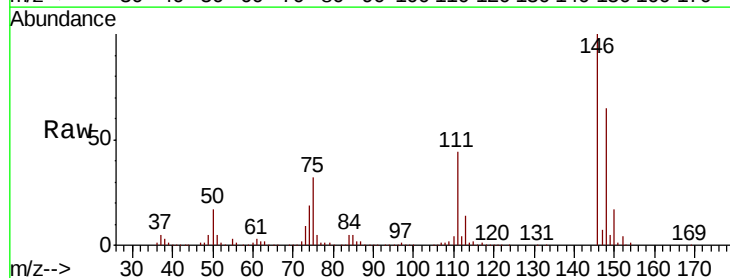
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.794 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
111	44.5	35.0	52.6

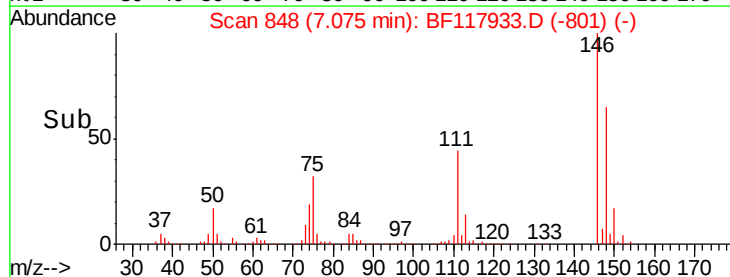
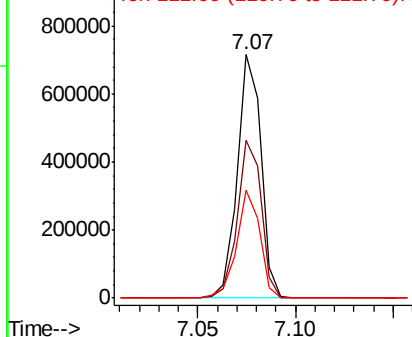


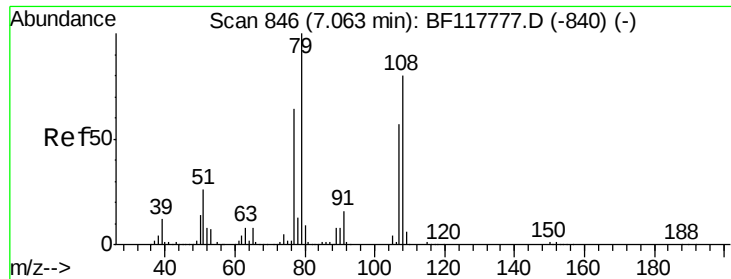
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.330 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

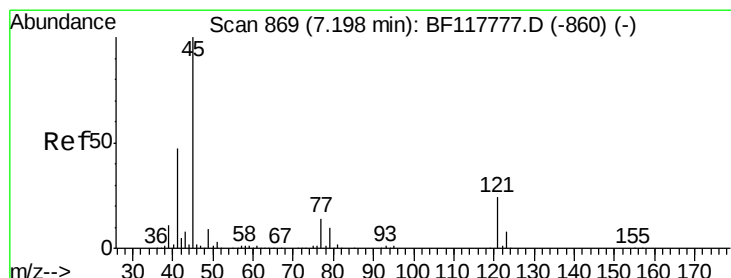
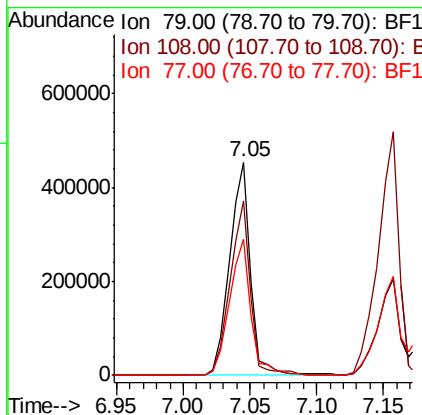
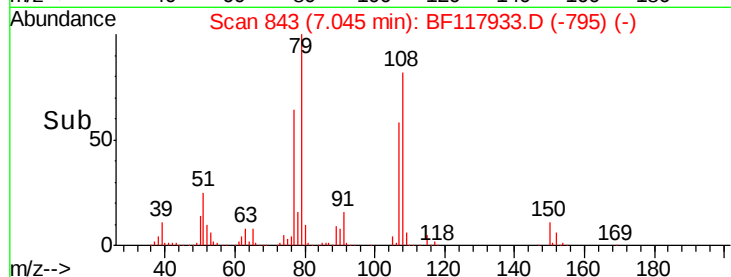
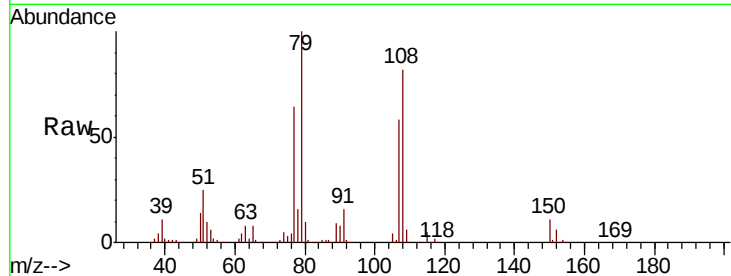
ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion:	79	Resp:	501677
Ion Ratio	Lower	Upper	
79	100		
108	81.8	64.1	96.1
77	63.9	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.685 ng

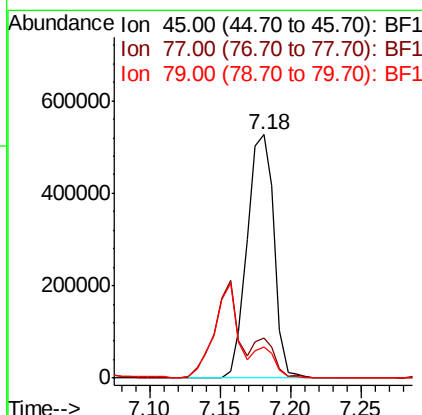
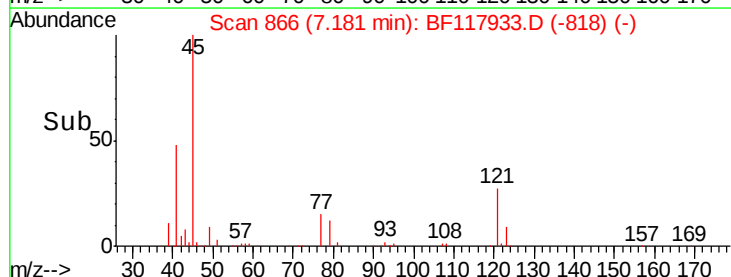
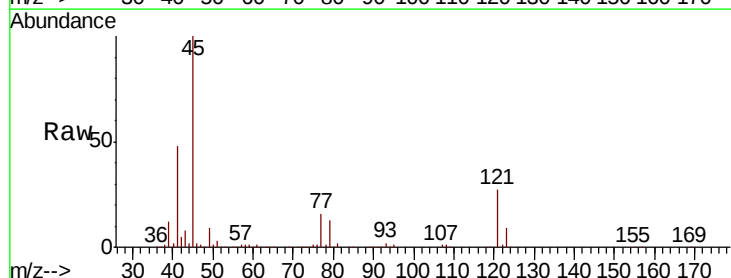
RT: 7.18 min Scan# 866

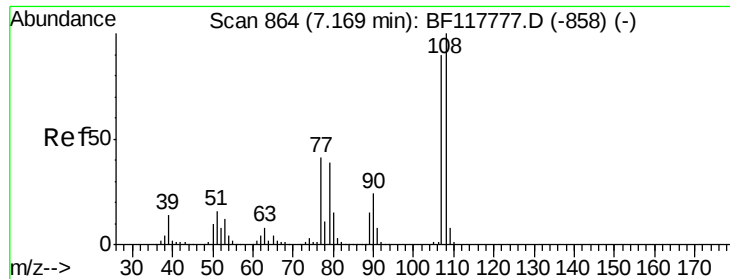
Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Tgt Ion:	45	Resp:	702782
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	35.0
79	12.6	0.0	31.1





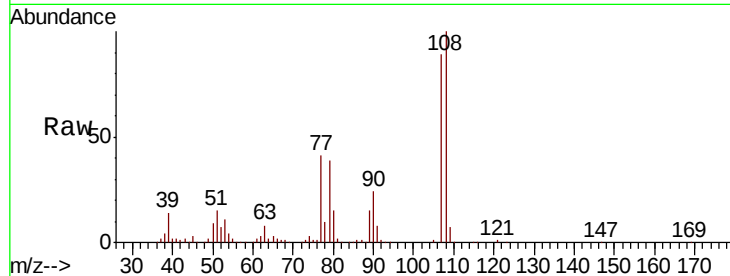
#17
2-Methylphenol
Concen: 47.764 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

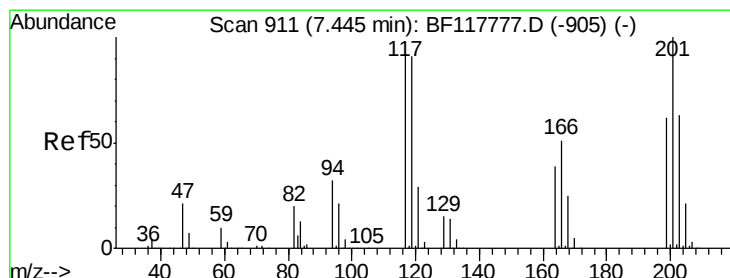
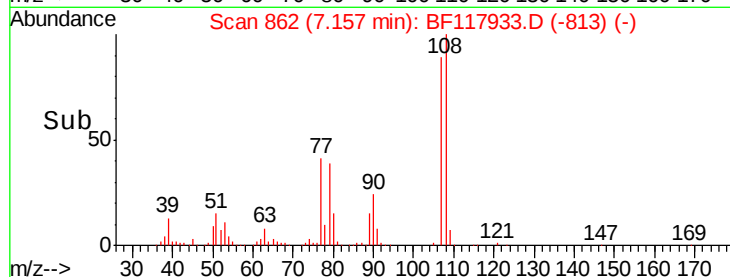
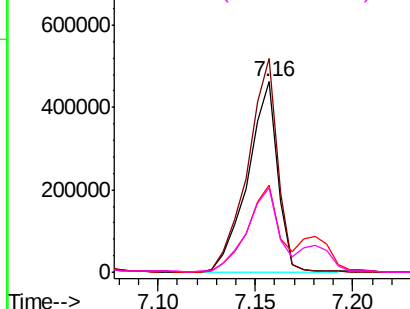
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	89.1	133.7	
77	45.4	36.6	54.8	
79	44.3	35.2	52.8	

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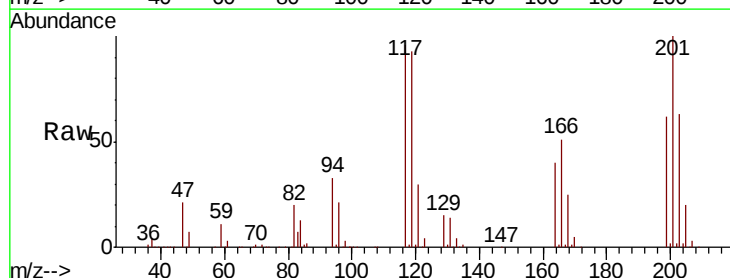


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

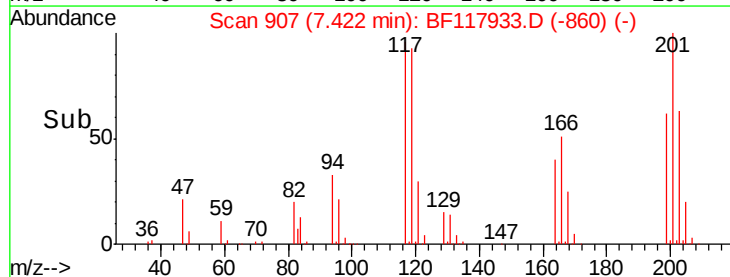
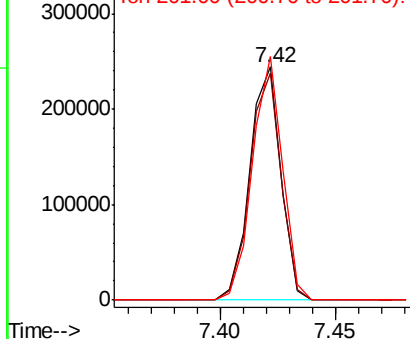


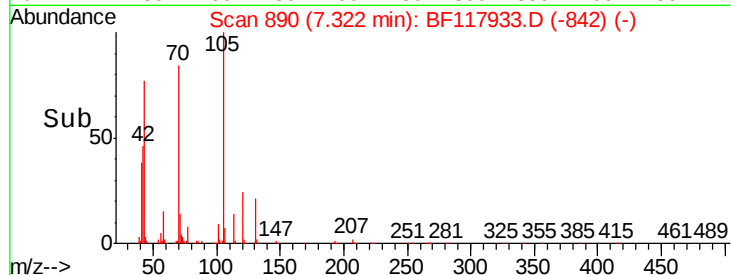
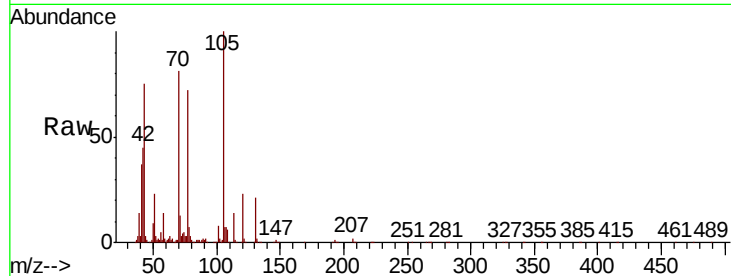
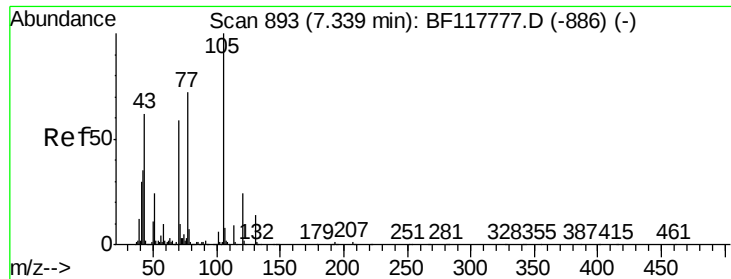
#18
Hexachloroethane
Concen: 43.341 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	78.7	118.1	
201	104.5	86.5	129.7	



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
100000
0





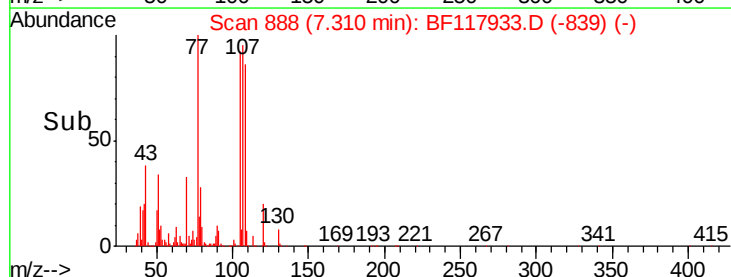
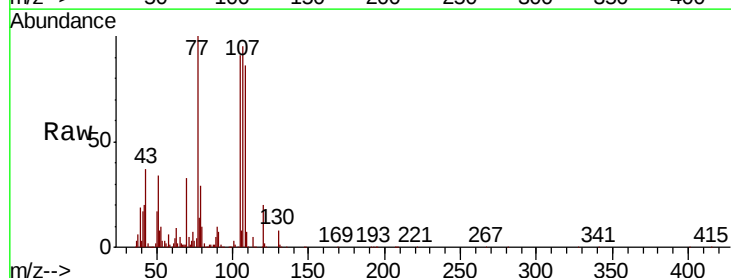
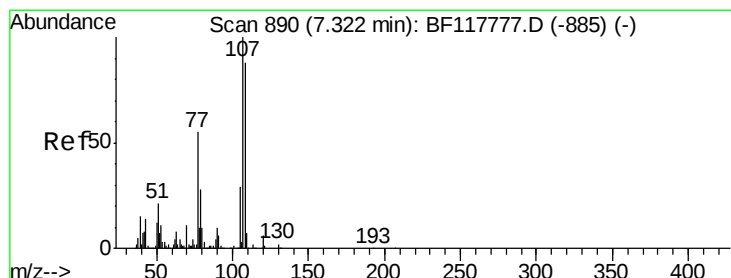
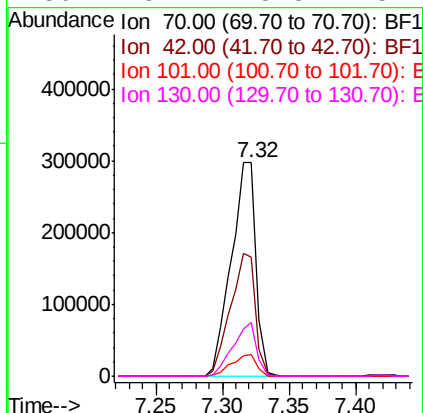
#19
n-Nitroso-di-n-propylamine
Concen: 46.644 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.4	71.2
101	10.5	8.4	12.6
130	25.4	18.8	28.2

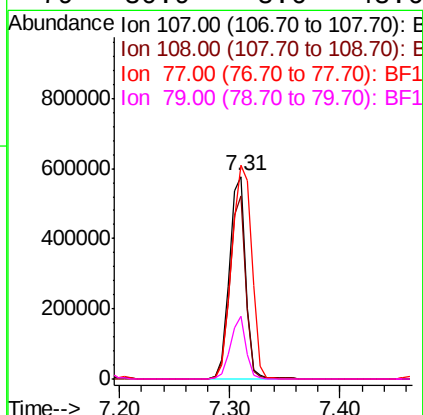
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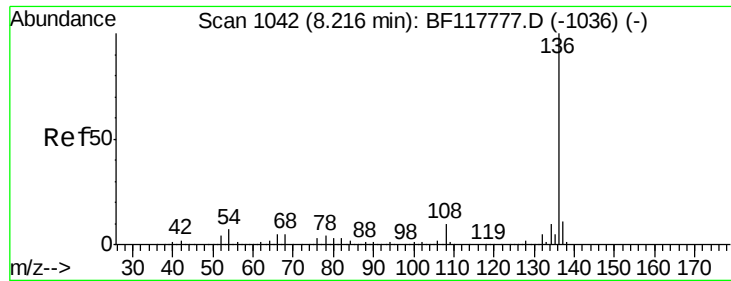
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#20
3+4-Methylphenols
Concen: 46.922 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.4	108.4
77	105.4	35.2	75.2#
79	30.9	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

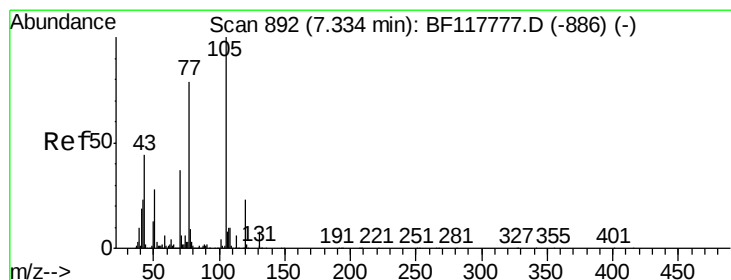
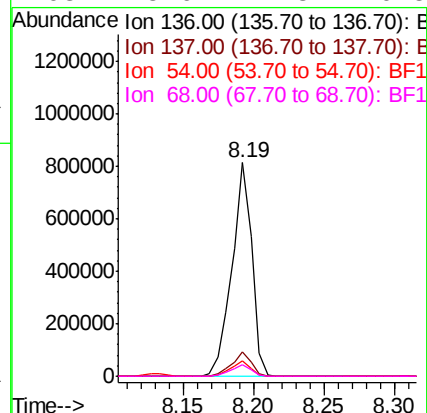
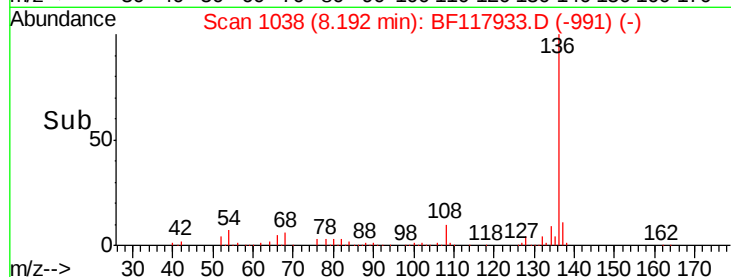
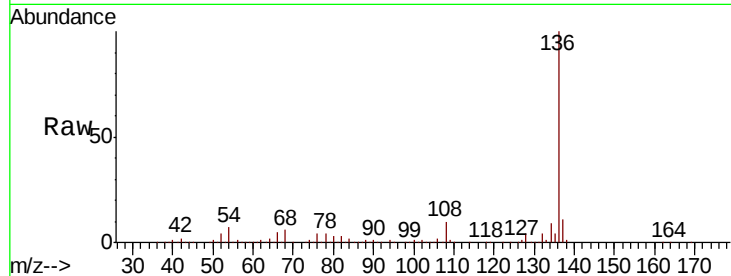
ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		795525		
137	11.3		9.0	13.4	
54	7.0		5.4	8.2	
68	5.6		4.3	6.5	

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#22

Acetophenone

Concen: 43.694 ng

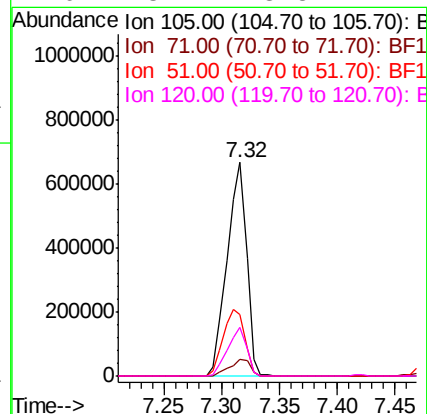
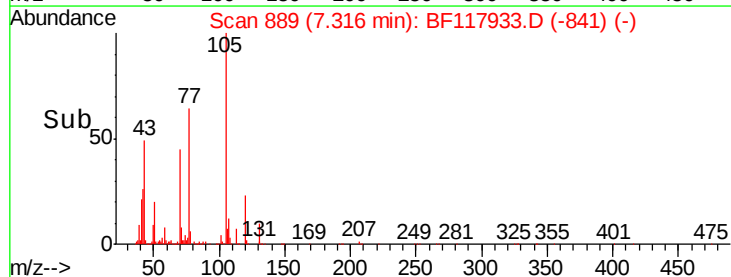
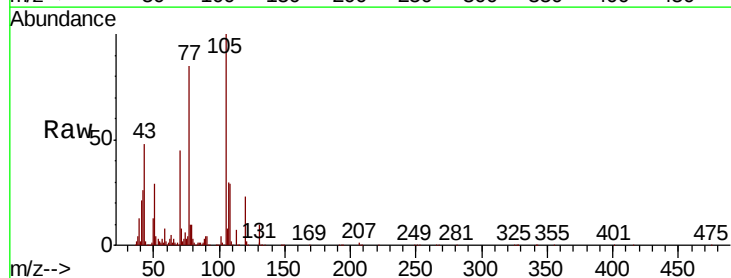
RT: 7.32 min Scan# 889

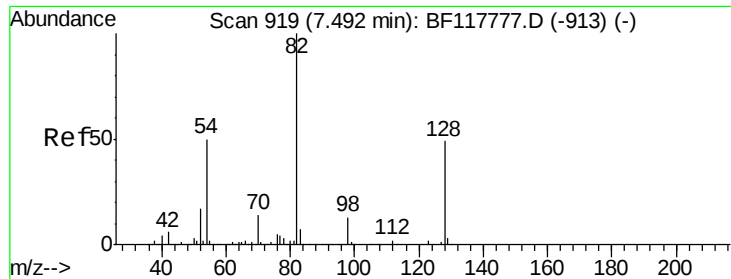
Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		780954		
71	7.5		4.9	7.3#	
51	28.7		22.7	34.1	
120	23.1		18.5	27.7	





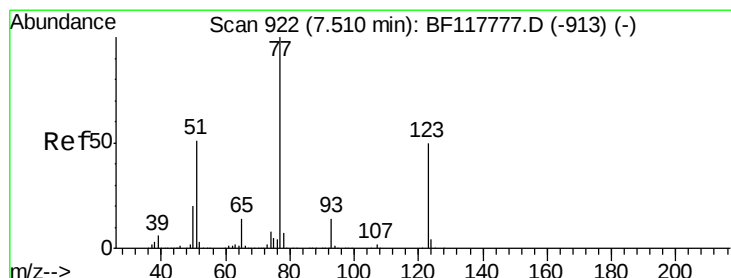
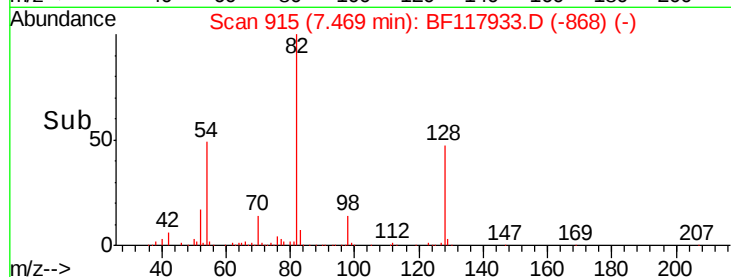
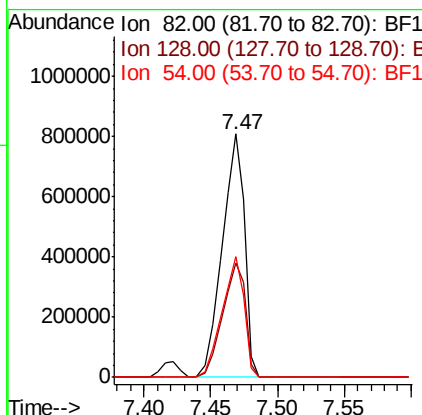
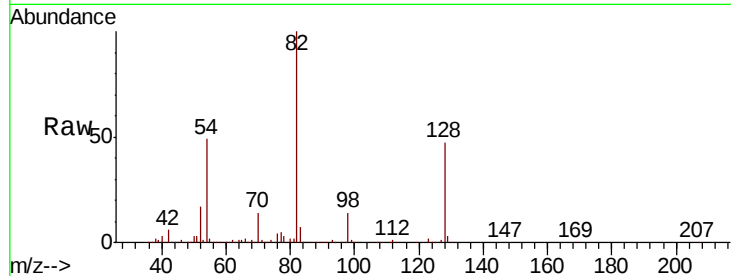
#23
Nitrobenzene-d5
Concen: 71.370 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.9	58.3
54	49.3	39.8	59.6

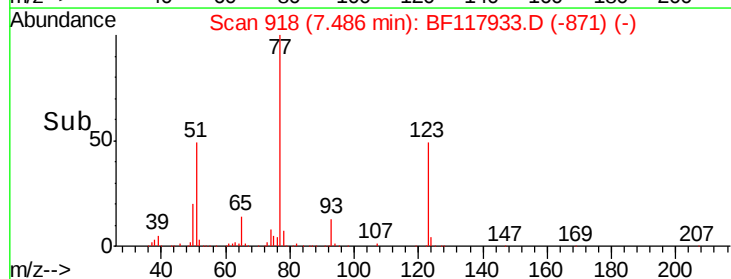
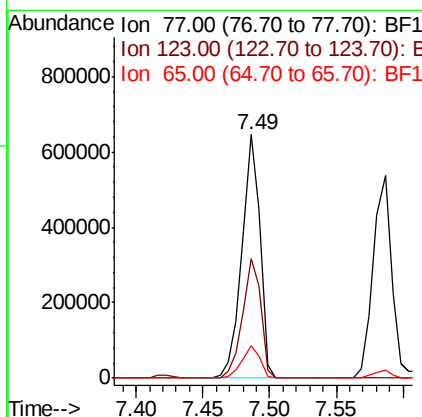
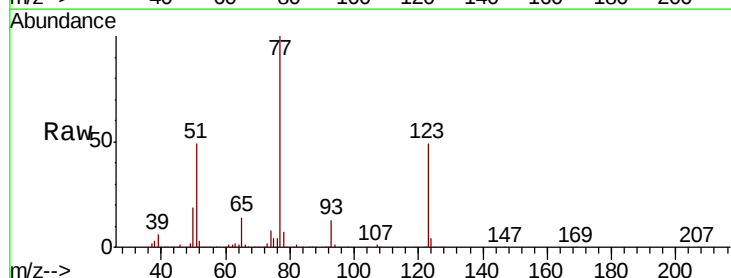
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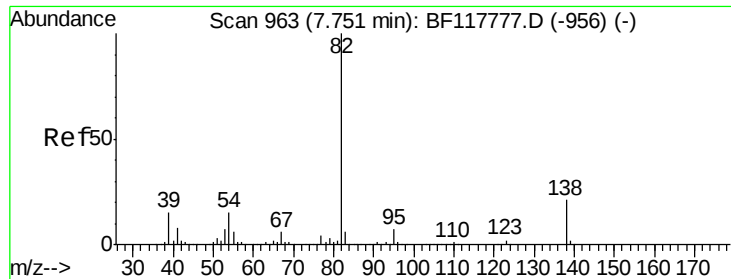
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#24
Nitrobenzene
Concen: 44.210 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	40.3	60.5
65	13.6	10.9	16.3





#25

Isophorone

Concen: 44.631 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion: 82 Resp: 1094713

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

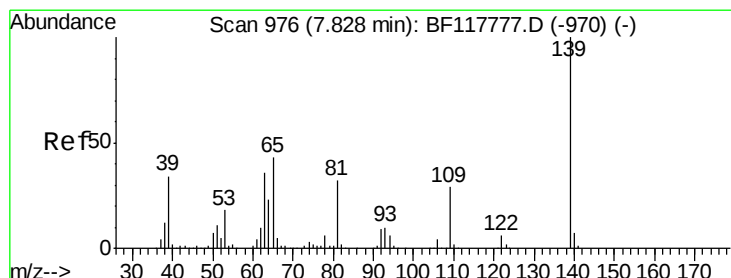
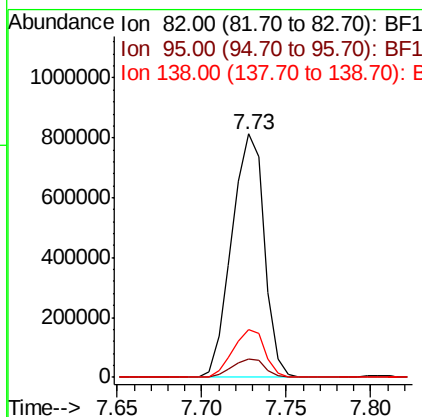
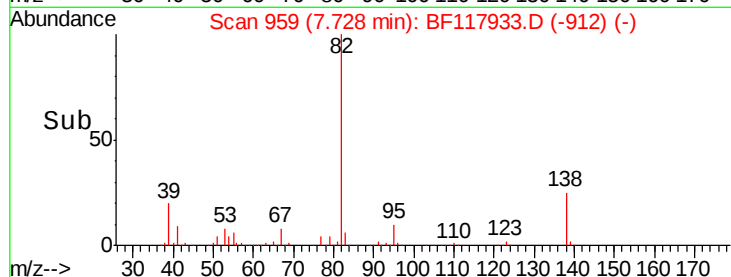
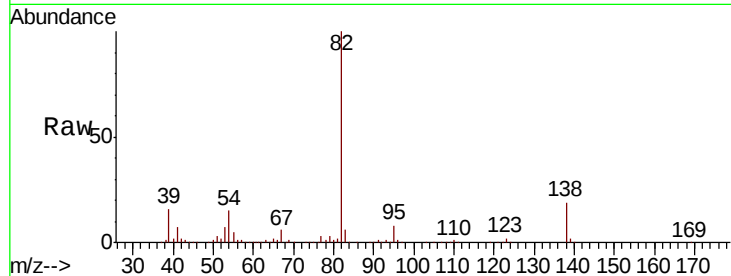
138 19.4 16.5 24.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.199 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

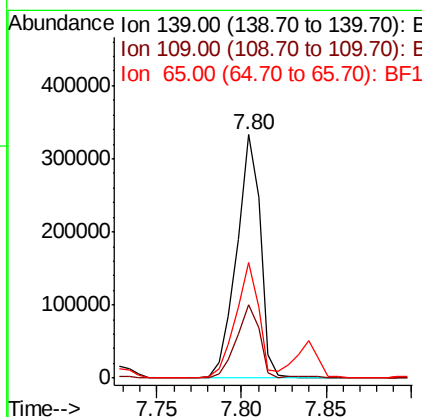
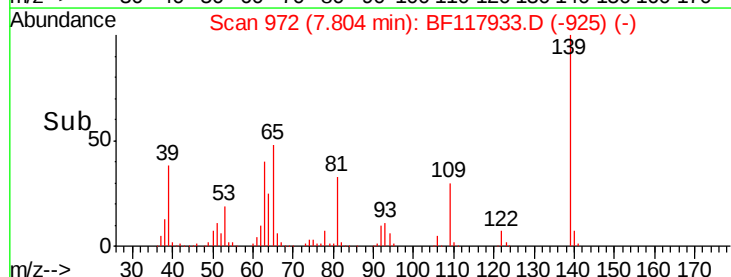
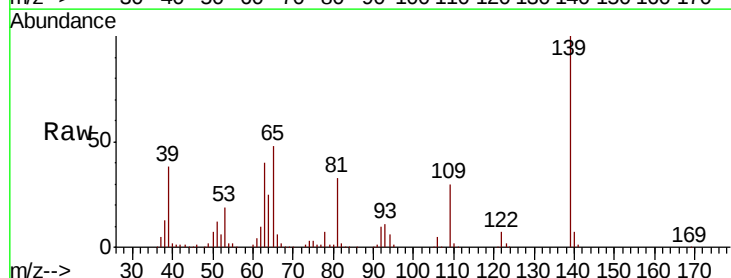
Tgt Ion: 139 Resp: 323876

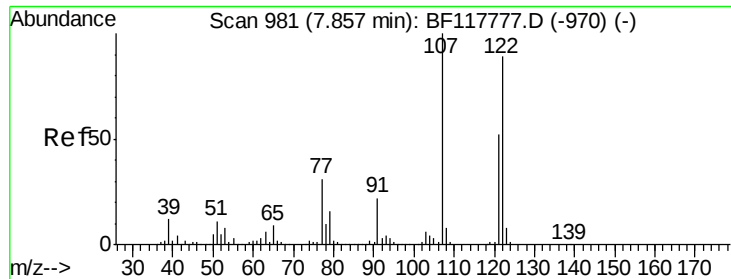
Ion Ratio Lower Upper

139 100

109 30.3 23.0 34.4

65 47.6 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 52.002 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

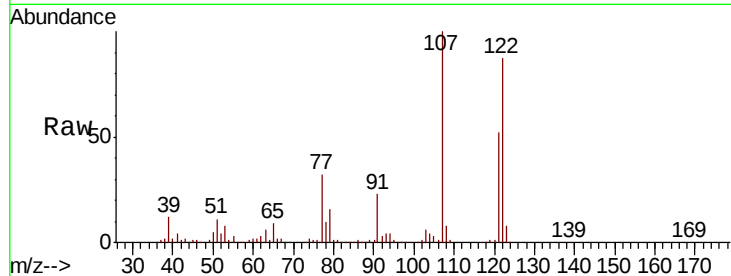
ClientSampleId :

PHIPPS-BH-NE-02MS

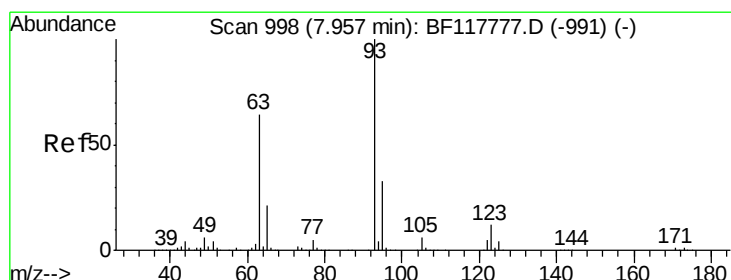
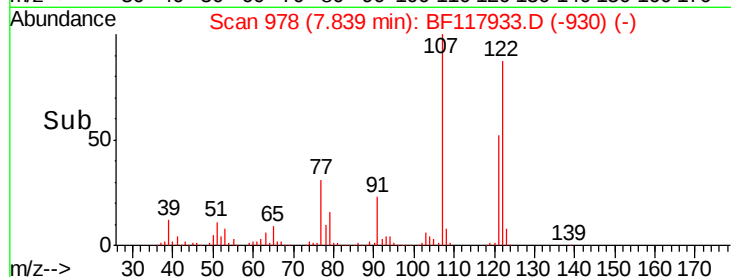
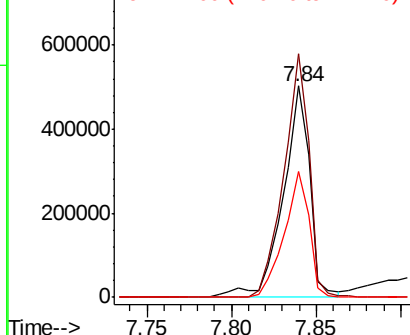
Tot Ion:	122	Resp:	542979
Ion Ratio	Lower	Upper	
122	100		
107	115.1	90.0	135.0
121	59.5	46.7	70.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.633 ng

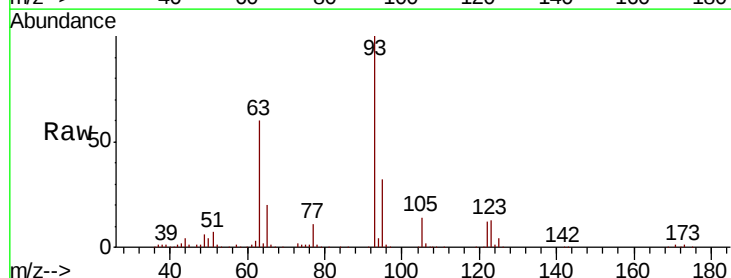
RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

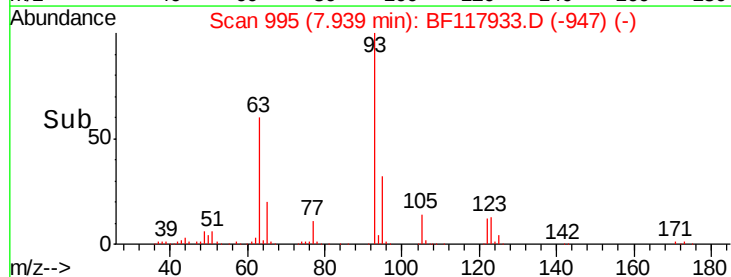
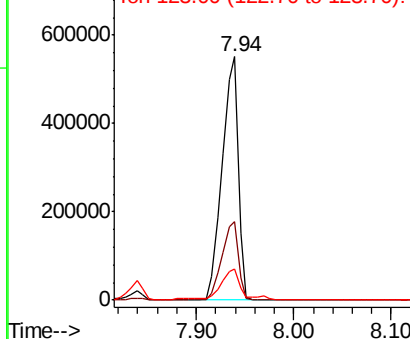
Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Tgt Ion:	93	Resp:	632441
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.6	40.0
123	12.7	10.3	15.5



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





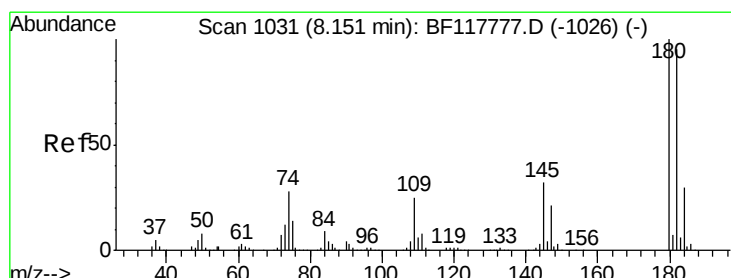
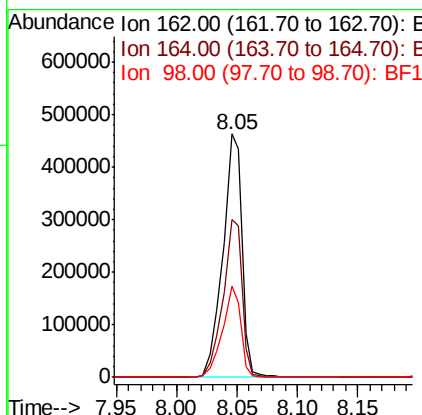
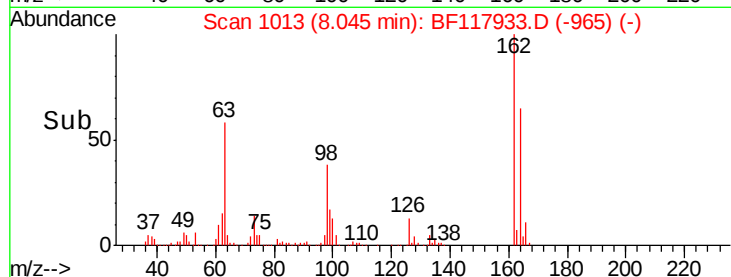
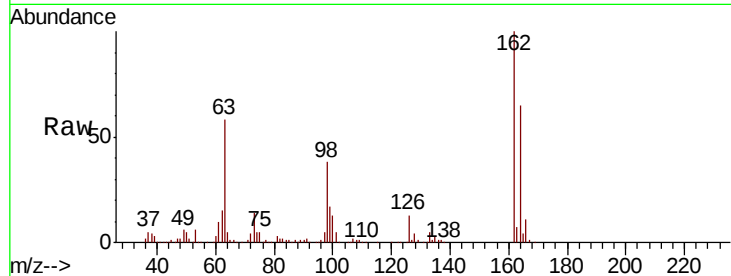
#29
2,4-Dichlorophenol
Concen: 44.964 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	509257		
164	64.6	45.1	85.1	
98	37.5	17.2	57.2	

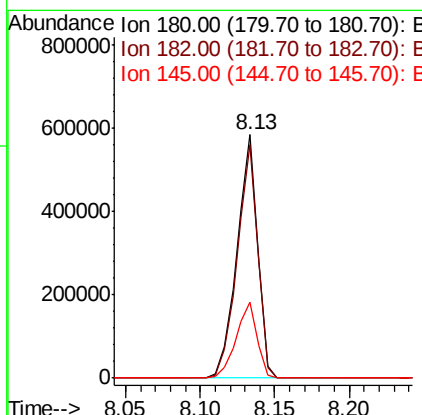
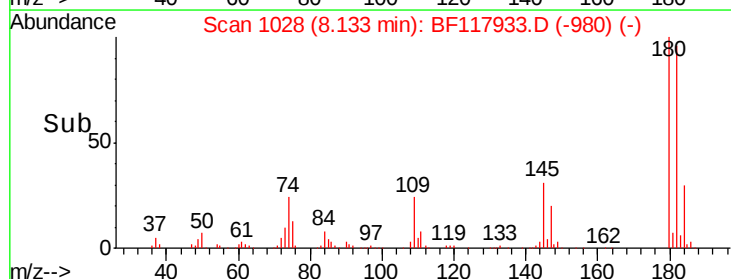
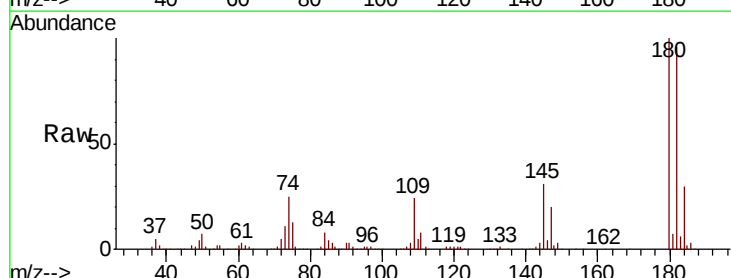
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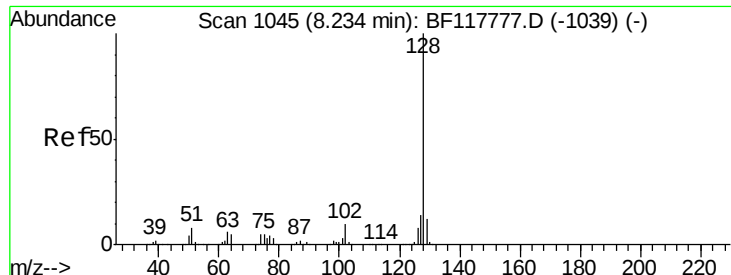
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#30
1,2,4-Trichlorobenzene
Concen: 42.975 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	564582		
182	95.8	75.8	113.6	
145	31.1	25.5	38.3	





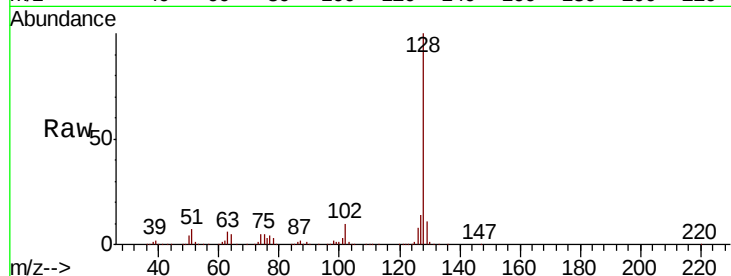
#31
Naphthalene
Concen: 47.271 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.8	11.3	16.9

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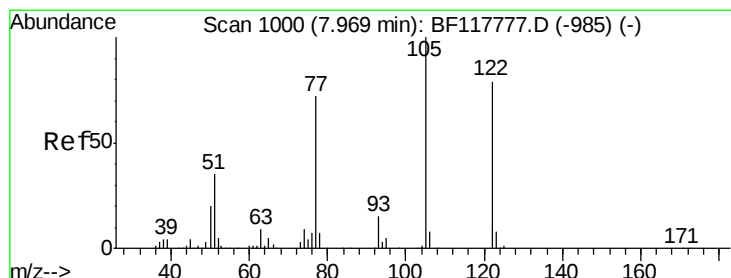
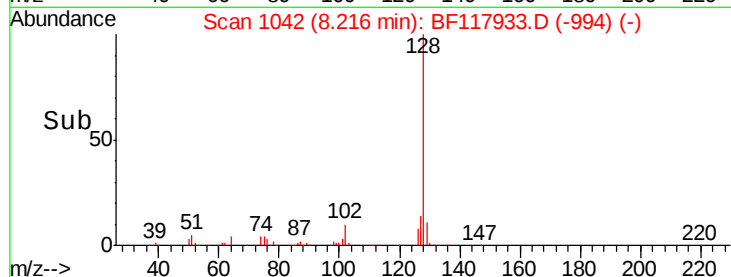
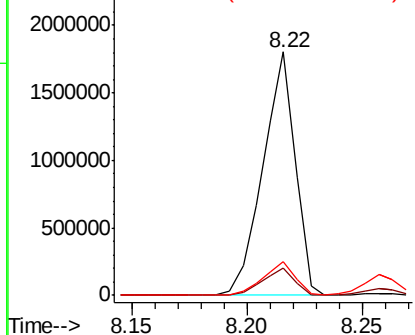


Abundance

Ion 128.00 (127.70 to 128.70): E

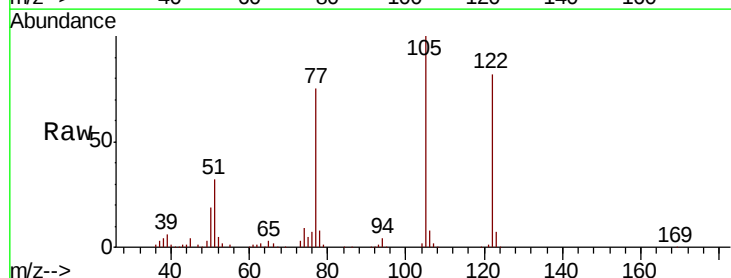
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.780 ng m
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	102.7	142.7
77	91.0	70.5	110.5

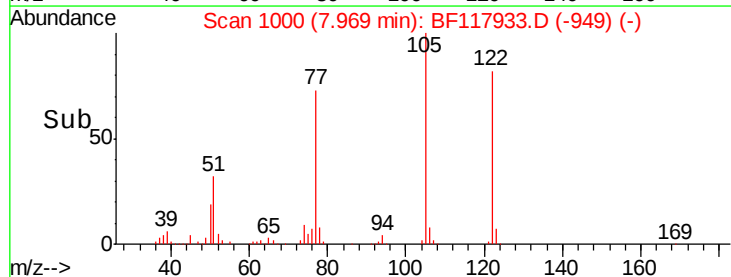
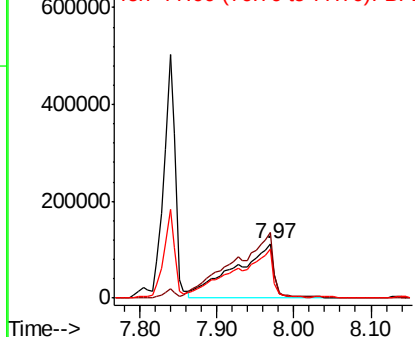


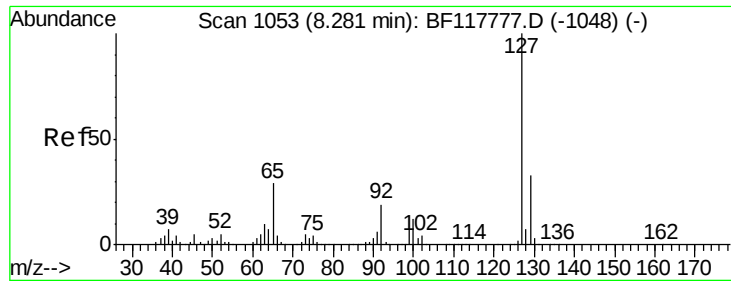
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





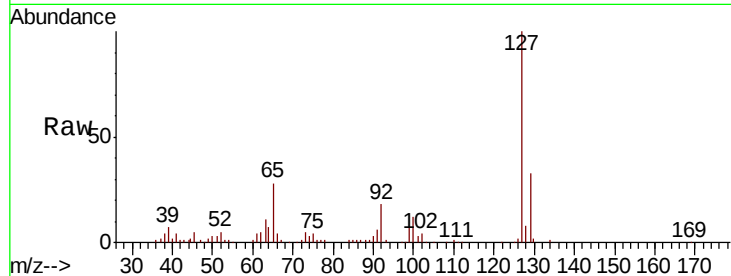
#33
4-Chloroaniline
Concen: 10.307 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

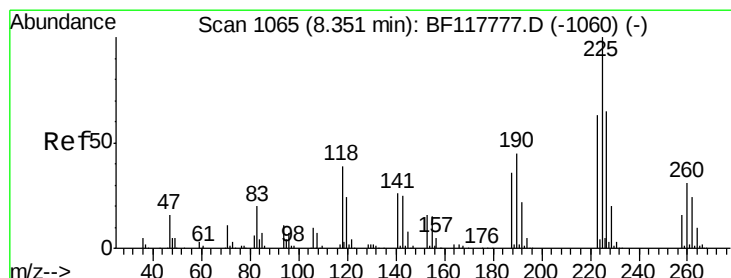
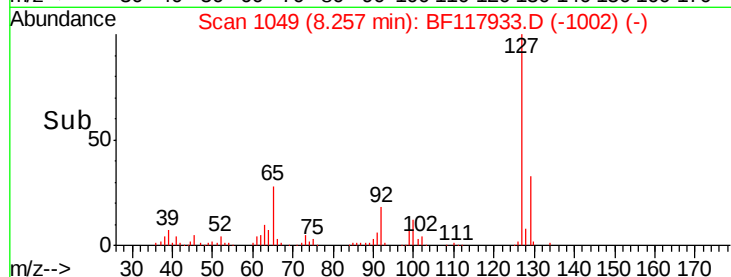
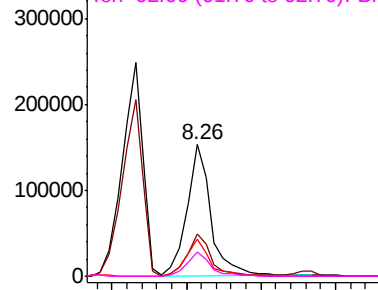
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	28.1	22.9	34.3
92	18.1	15.0	22.6

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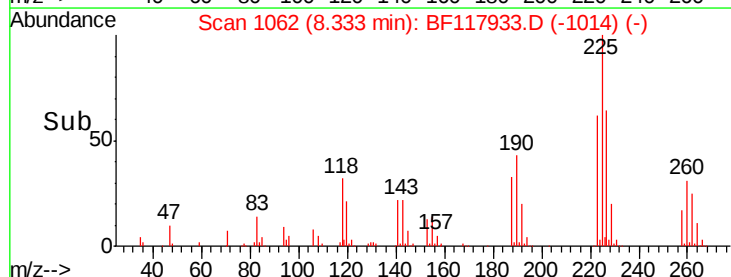
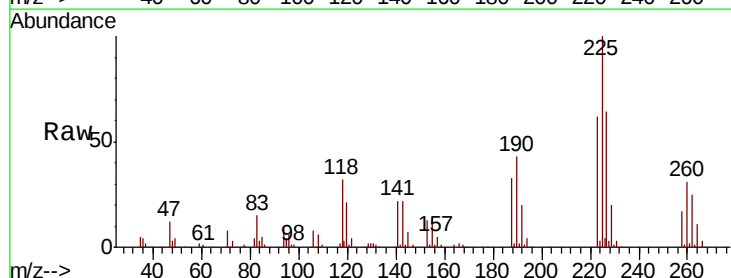
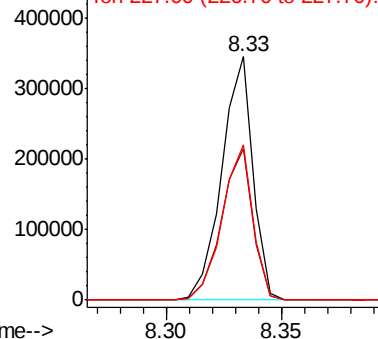
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

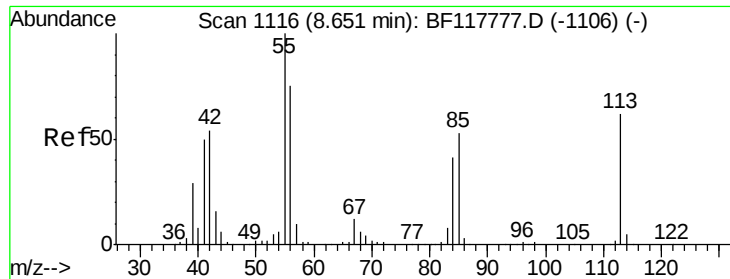


#34
Hexachlorobutadiene
Concen: 42.256 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.0	75.0
227	63.6	51.8	77.6

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





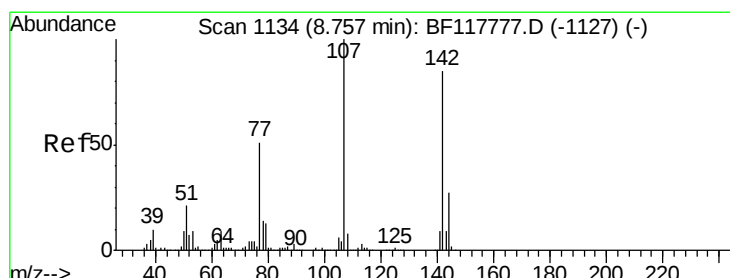
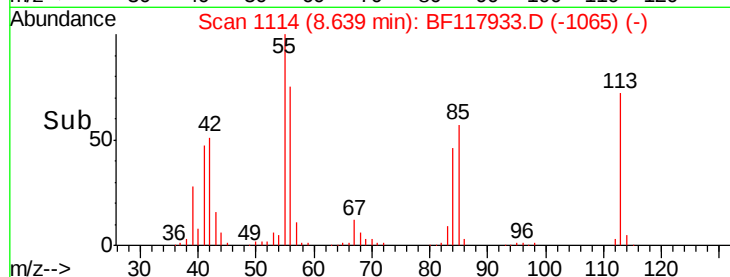
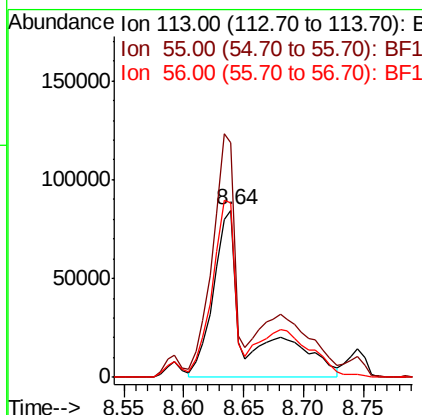
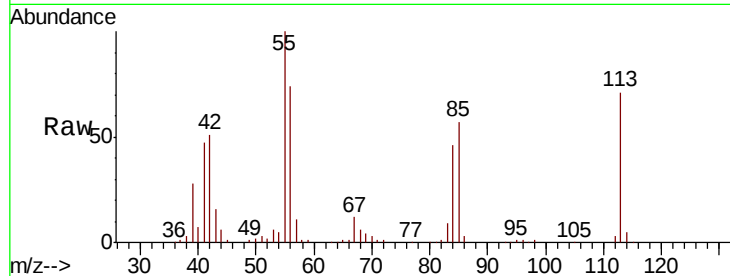
#35
Caprolactam
Concen: 47.866 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.3	141.1	181.1#
56	104.2	100.5	140.5

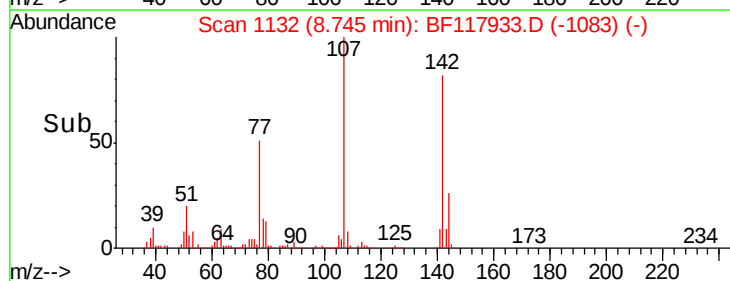
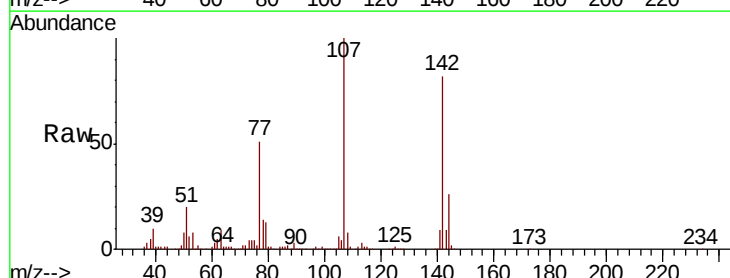
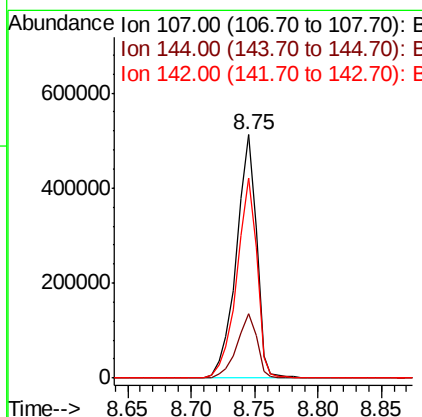
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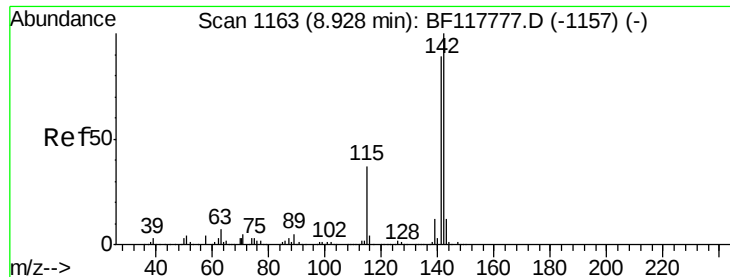
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#36
4-Chloro-3-methylphenol
Concen: 48.951 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.9	32.9
142	82.2	67.7	101.5





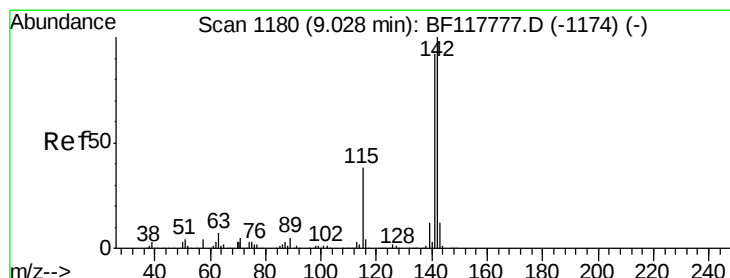
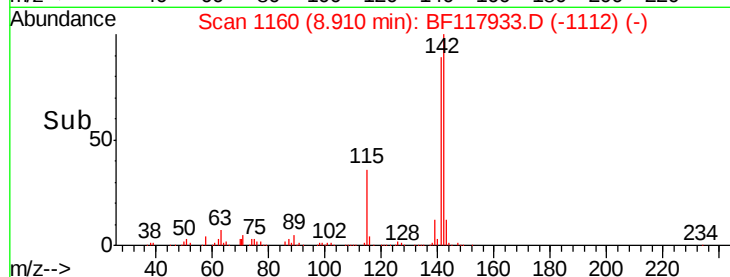
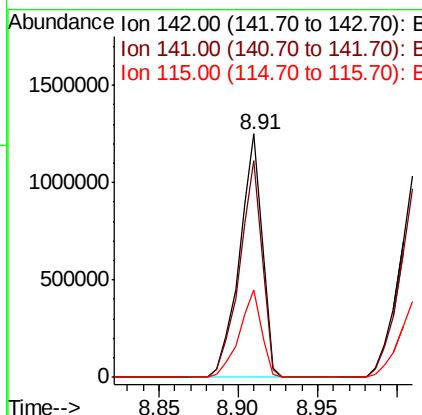
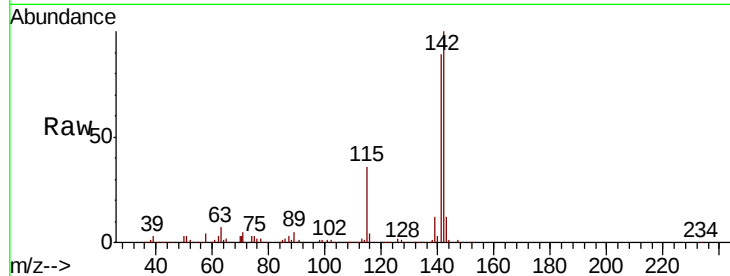
#37
2-Methylnaphthalene
Concen: 49.324 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7
115	35.9	29.2	43.8

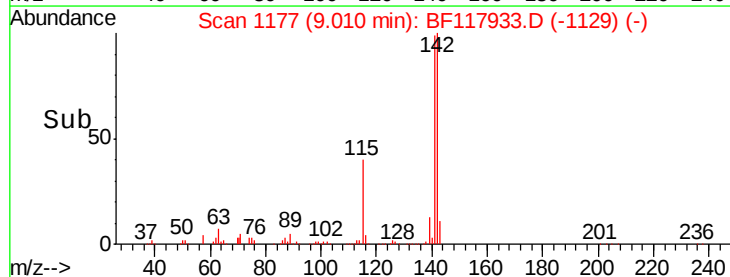
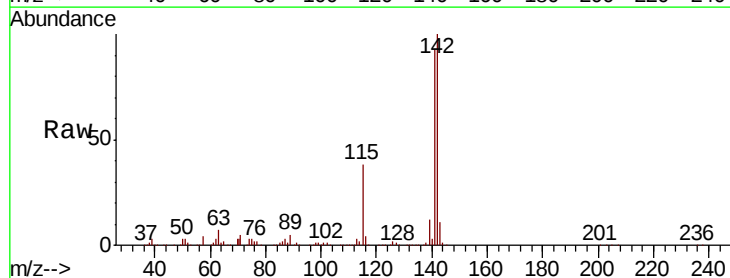
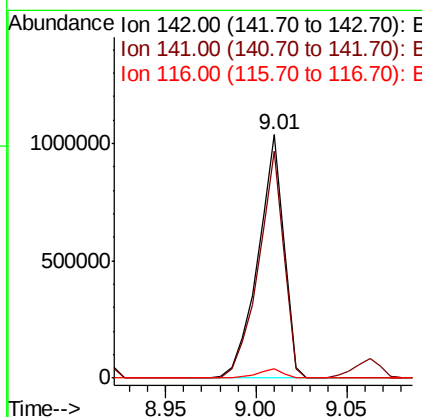
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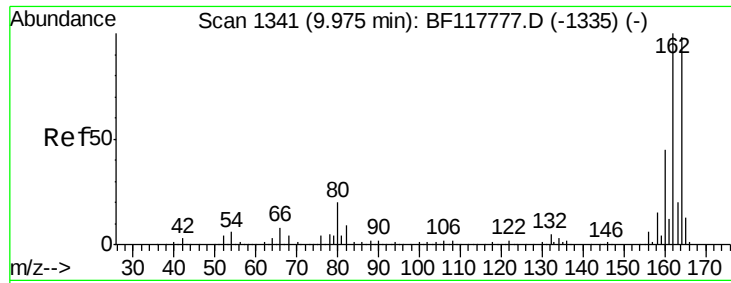
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#38
1-Methylnaphthalene
Concen: 43.398 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.5	110.3
116	4.1	3.2	4.8





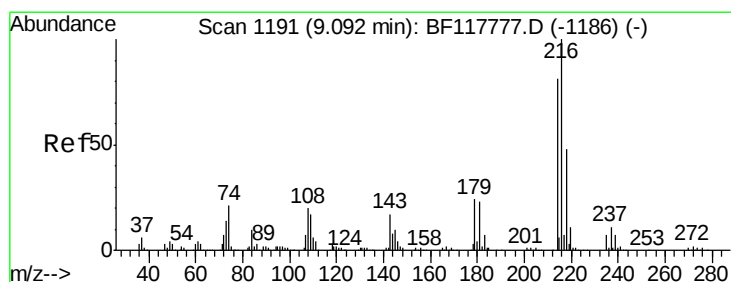
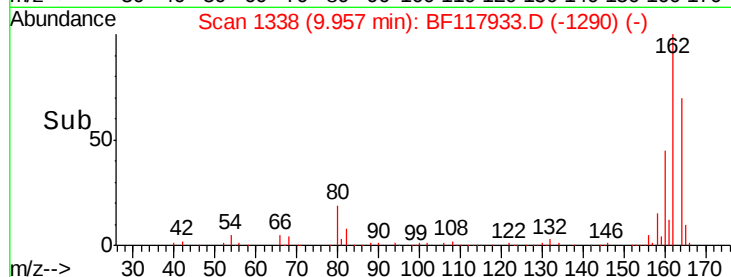
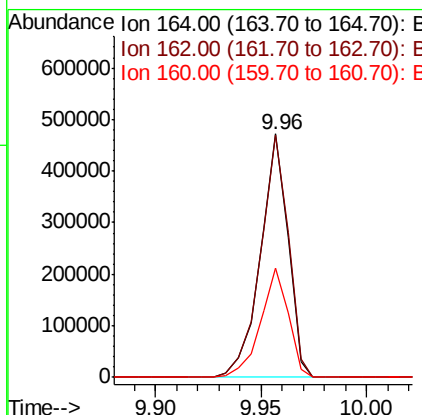
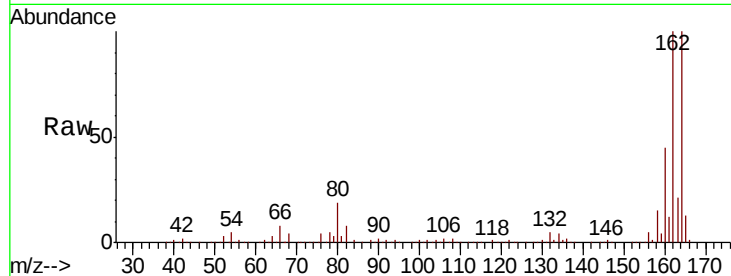
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.3	121.9
160	44.8	36.6	55.0

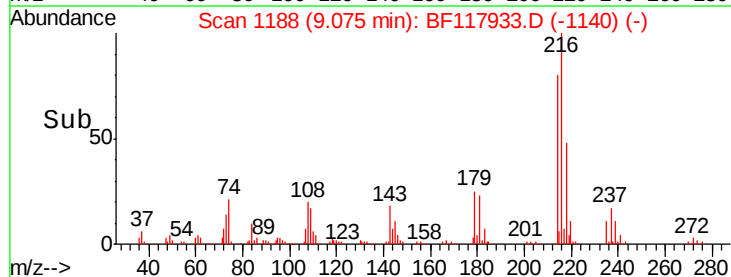
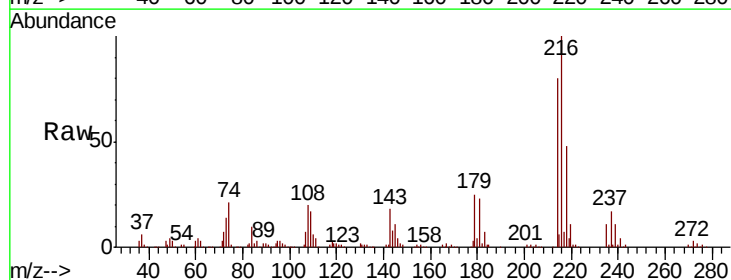
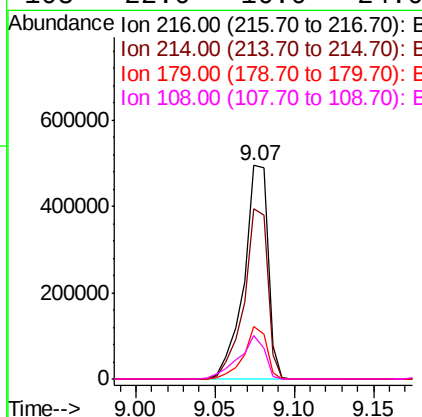
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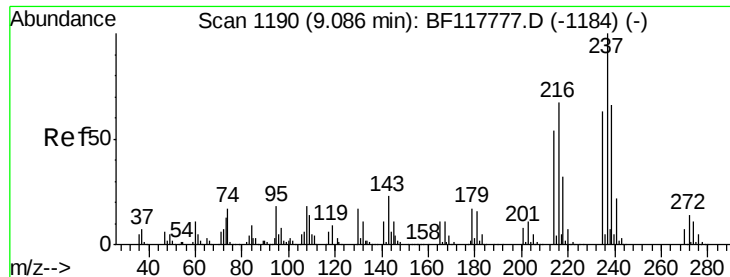
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.634 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	23.2	18.2	27.4
108	22.0	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 96.246 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

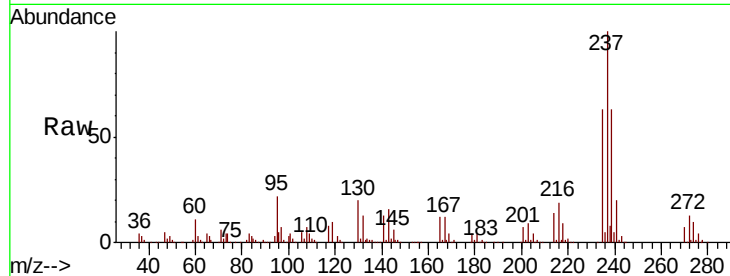
ClientSampleId :

PHIPPS-BH-NE-02MS

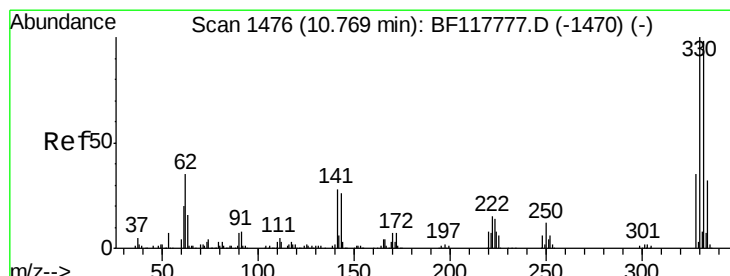
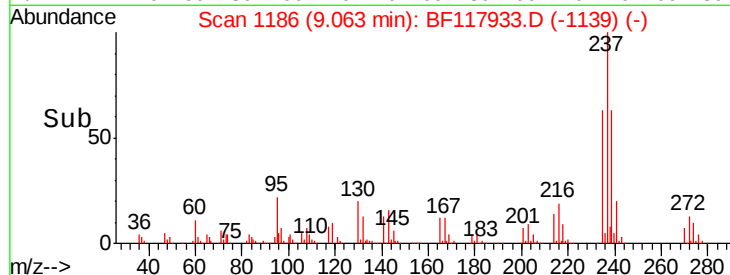
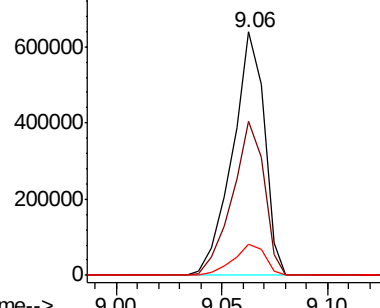
Tot Ion:	237	Resp:	673397
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.6	82.6
272	12.5	0.0	34.3

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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: 84.074 ng

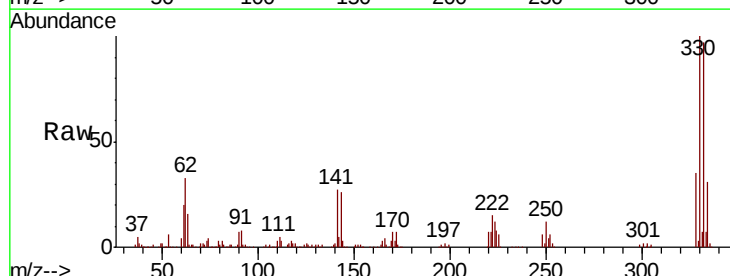
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

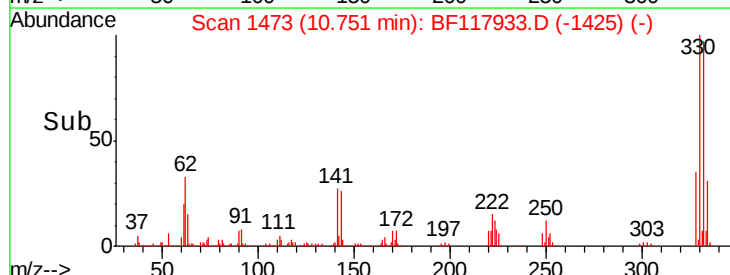
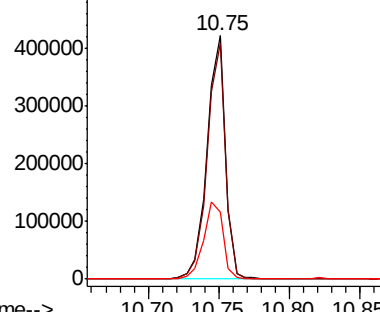
Lab File: BF117933.D

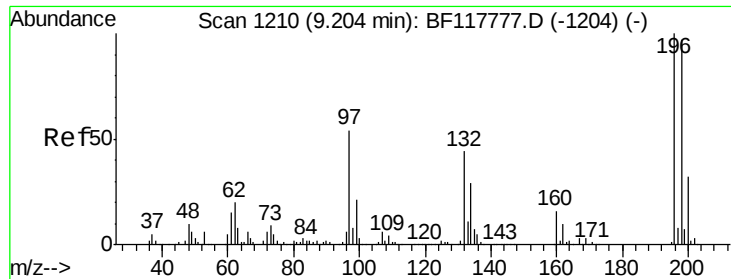
Acq: 22 Nov 2019 22:14

Tgt Ion:	330	Resp:	382655
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.7	115.1
141	33.5	27.7	41.5



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





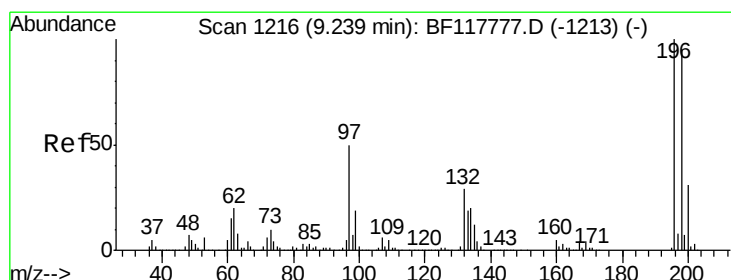
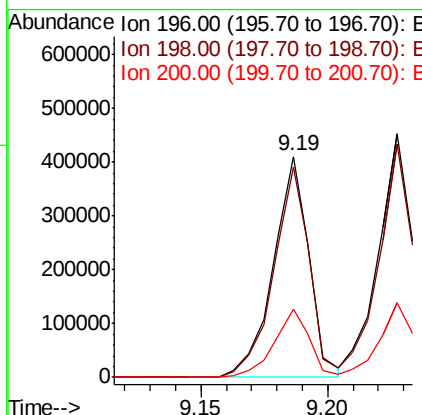
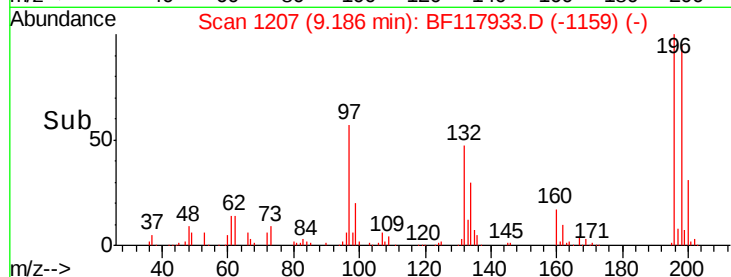
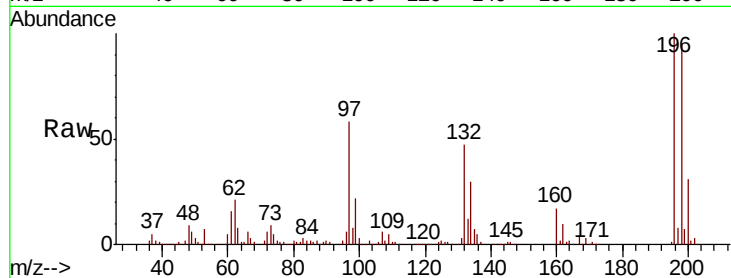
#43
 2,4,6-Trichlorophenol
 Concen: 45.199 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	404198		
198	95.4	77.8	116.6	
200	30.8	25.4	38.0	

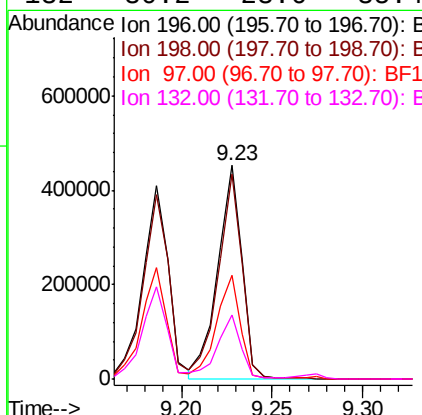
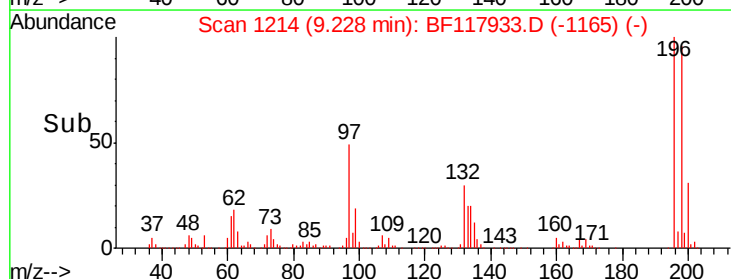
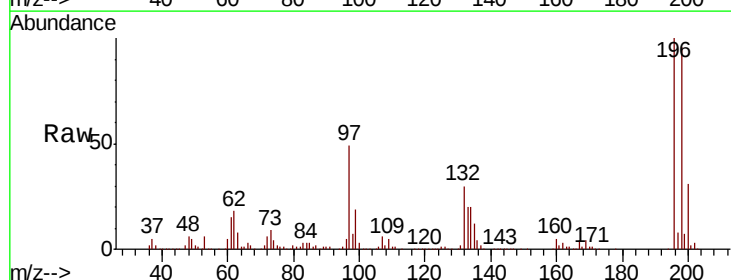
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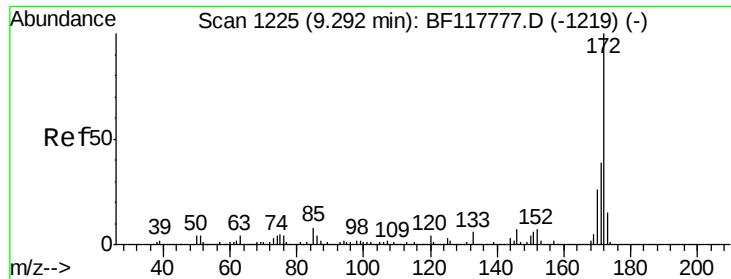
mohammad
 11/25/2019 8:19:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.020 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	418003		
198	95.9	76.3	114.5	
97	48.7	40.0	60.0	
132	30.2	23.6	35.4	





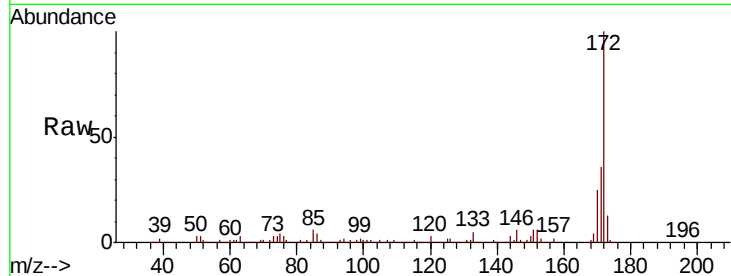
#45
2-Fluorobiphenyl
Concen: 79.902 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.9	46.3
170	24.7	21.0	31.4

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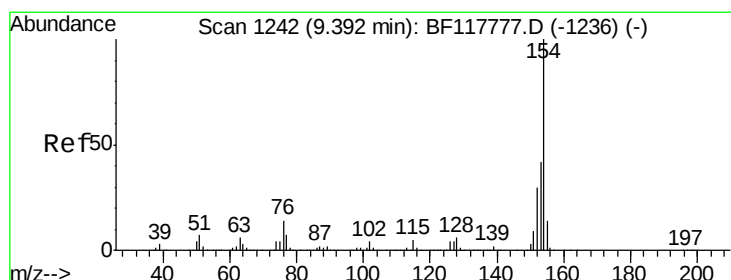
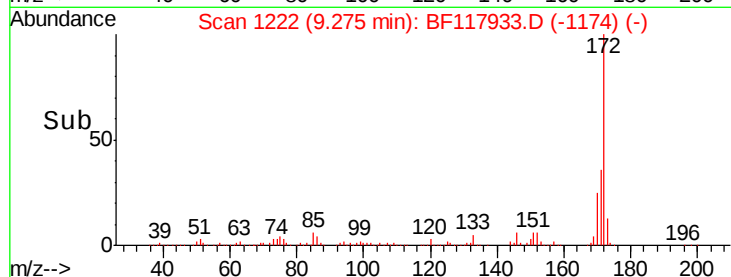
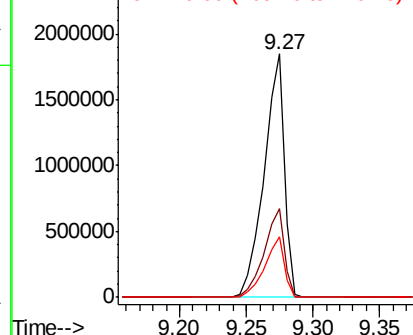


Abundance

Ion 172.00 (171.70 to 172.70): E

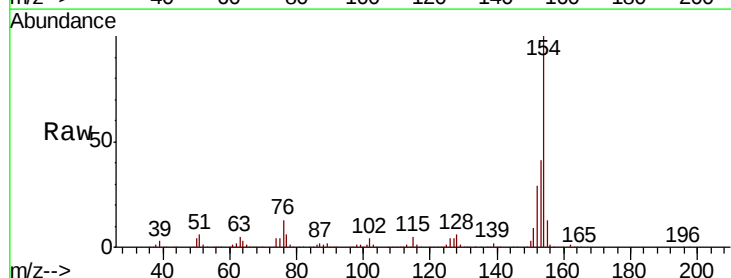
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.582 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	12.6	0.0	33.6

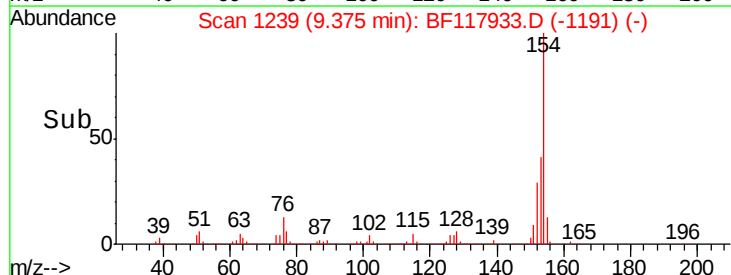
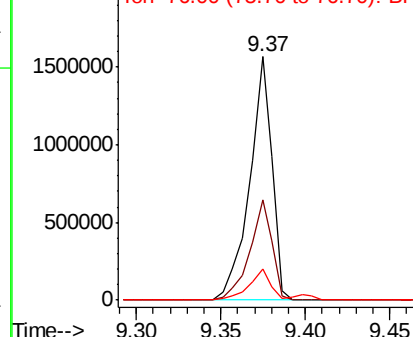


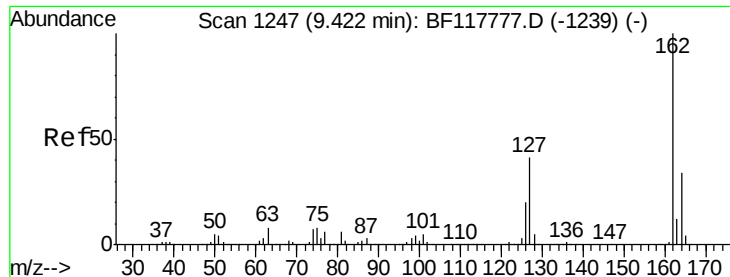
Abundance

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





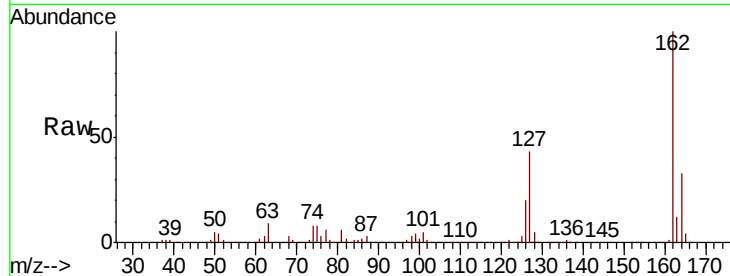
#47
 2-Chloronaphthalene
 Concen: 43.354 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

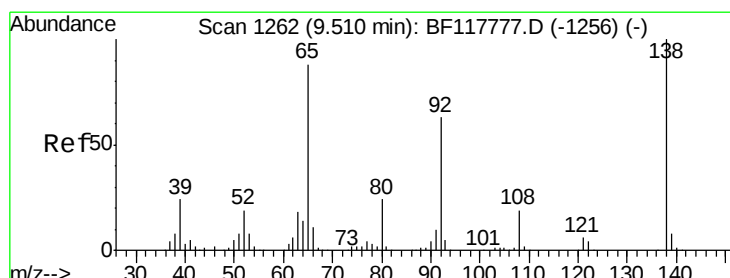
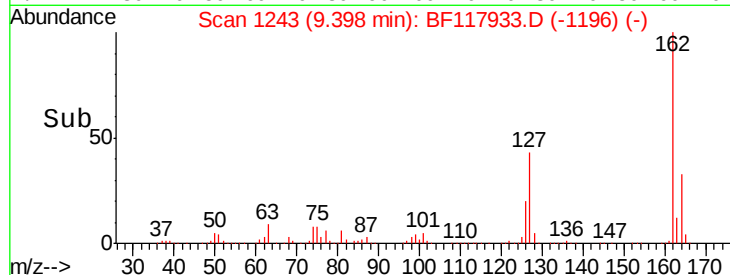
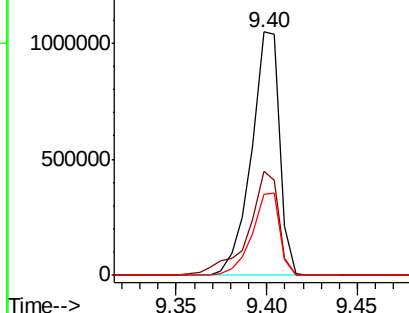
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.2	49.8
164	33.2	27.3	40.9

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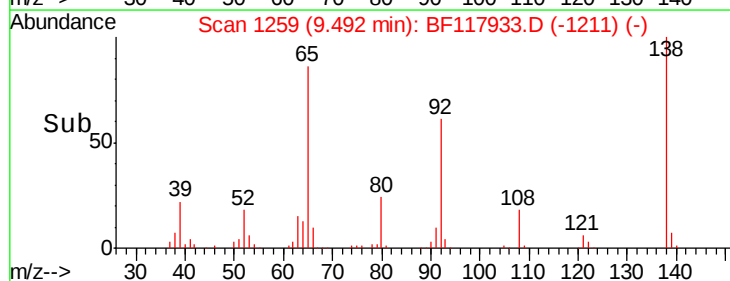
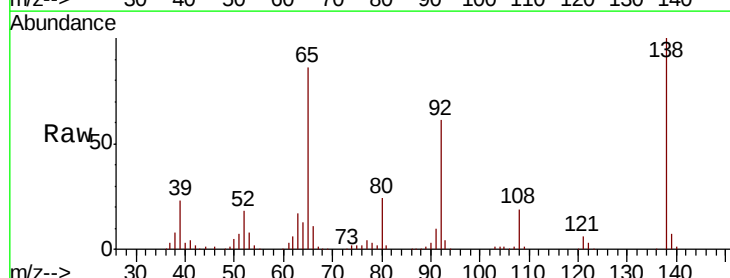
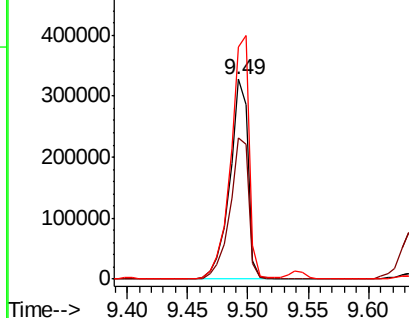
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

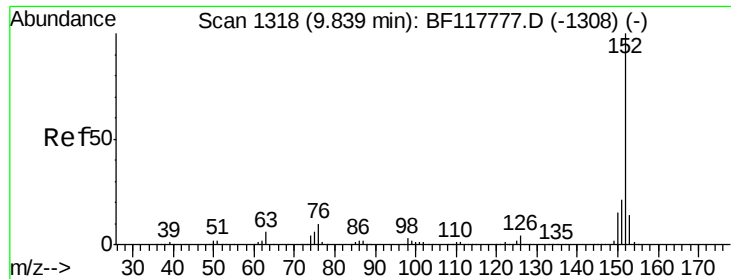


#48
 2-Nitroaniline
 Concen: 43.635 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.6	84.8
138	116.4	90.5	135.7

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.264 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion:152 Resp: 1808093

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.6

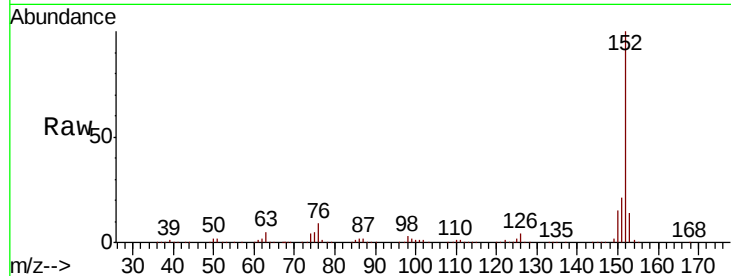
153 13.7 11.0 16.6

Manual Integrations

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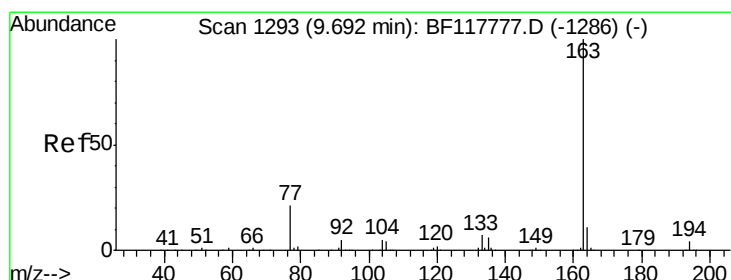
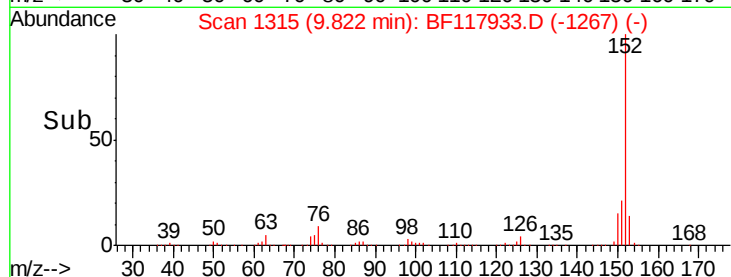
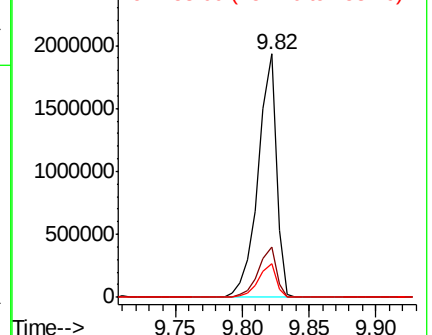


Abundance

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: 52.041 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

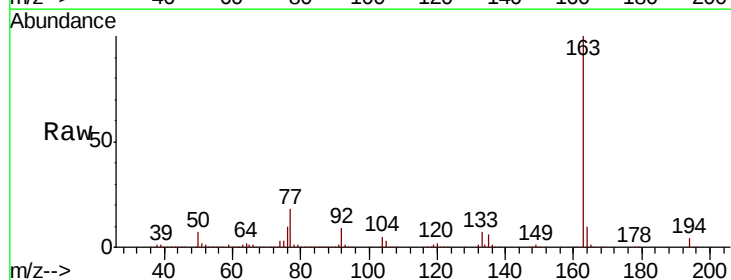
Tgt Ion:163 Resp: 1568900

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.0 8.7 13.1

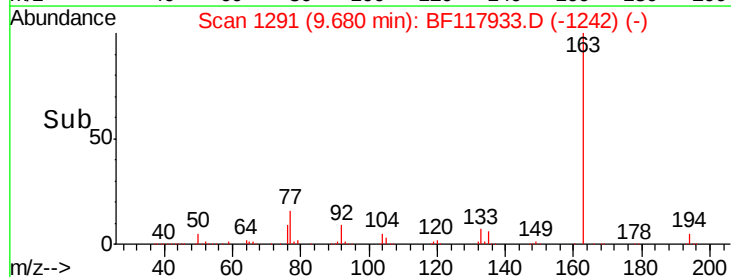
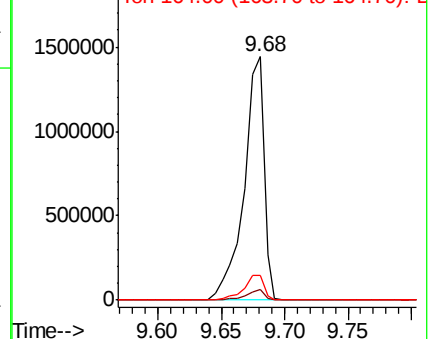


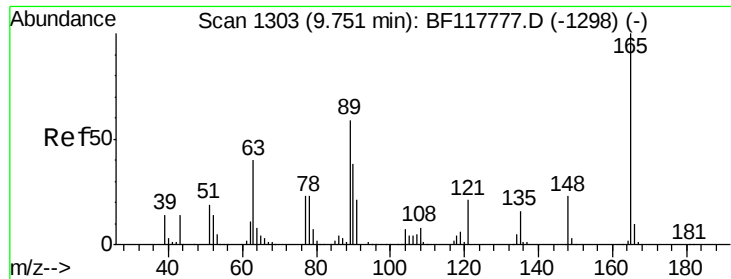
Abundance

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





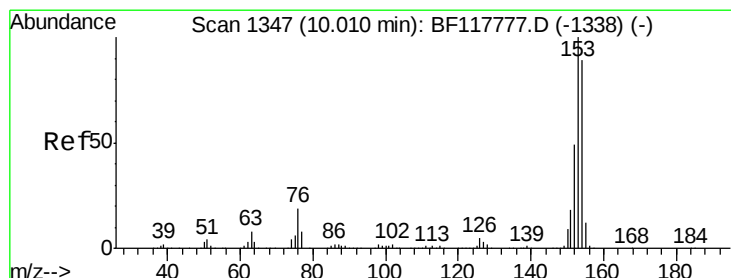
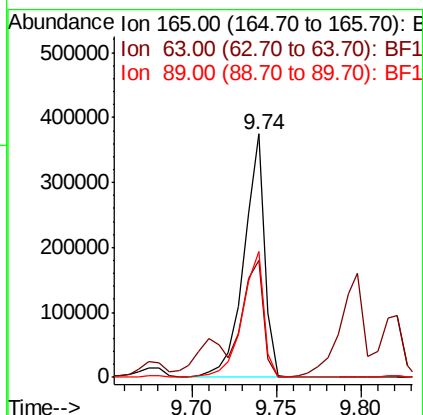
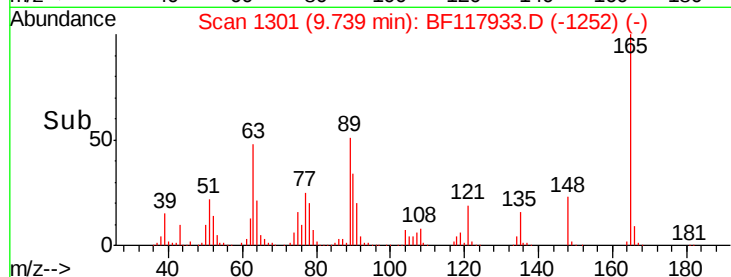
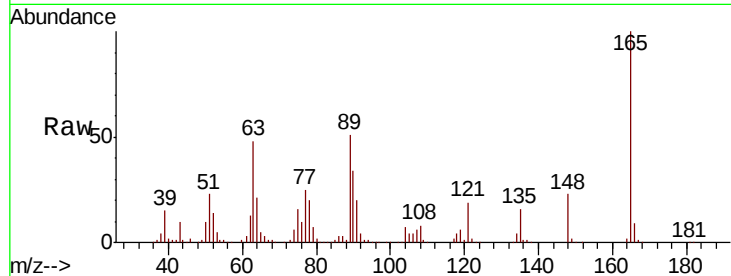
#51
2,6-Dinitrotoluene
Concen: 48.505 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.2	46.0	69.0	
89	51.4	47.7	71.5	

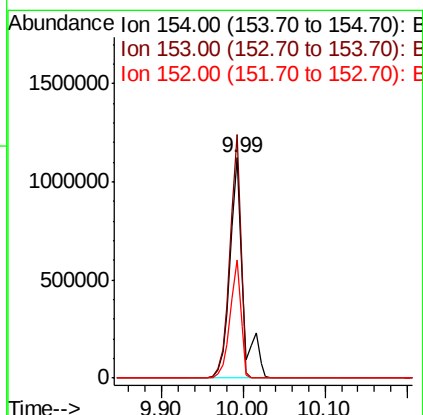
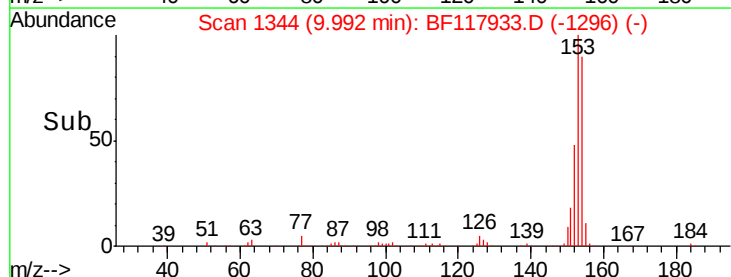
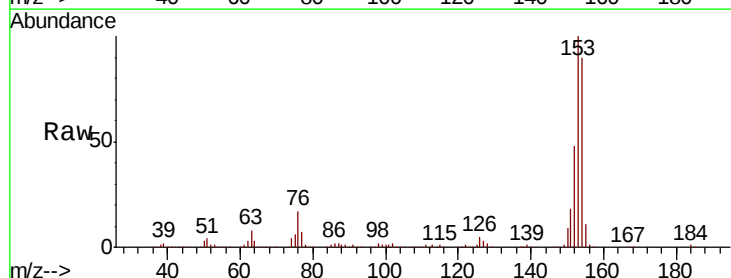
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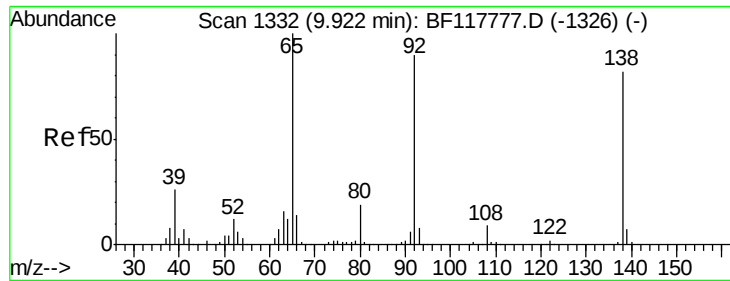
mohammad
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#52
Acenaphthene
Concen: 50.456 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.5	90.1	135.1	
152	53.4	44.0	66.0	





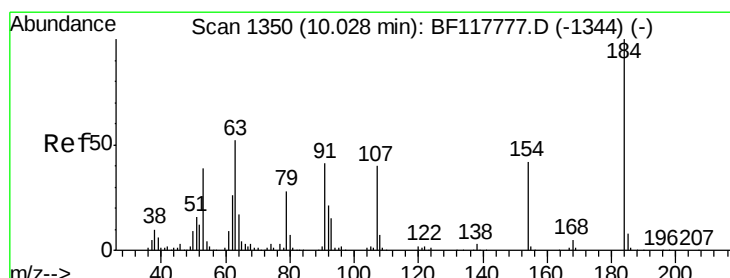
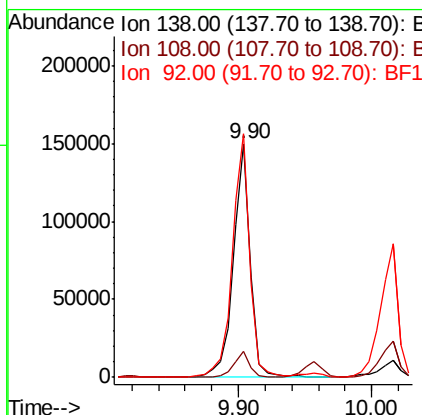
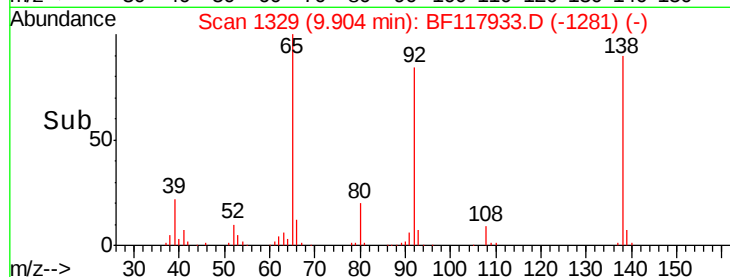
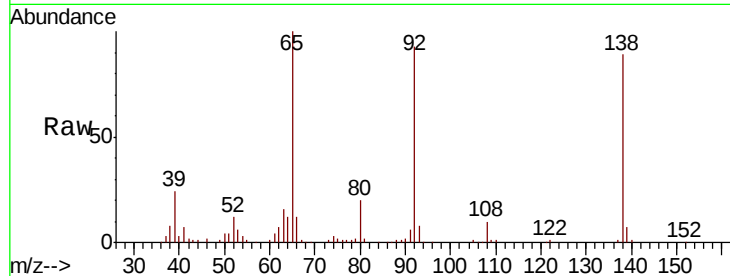
#53
3-Nitroaniline
Concen: 16.944 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.6	12.8
92	104.0	87.9	131.9

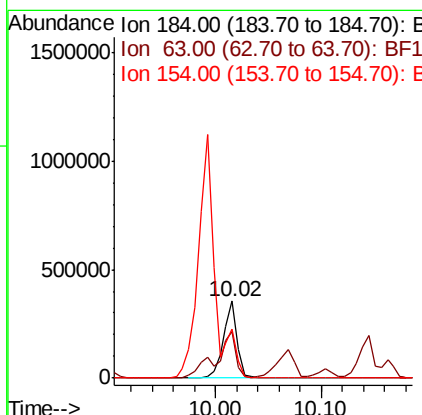
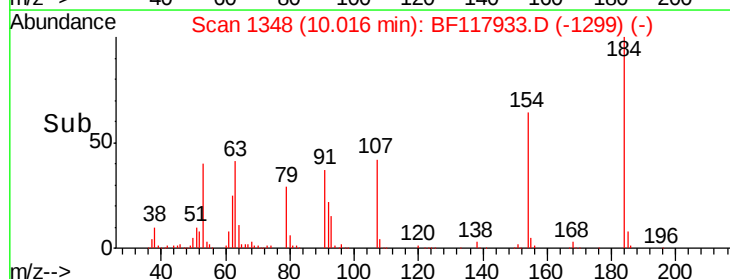
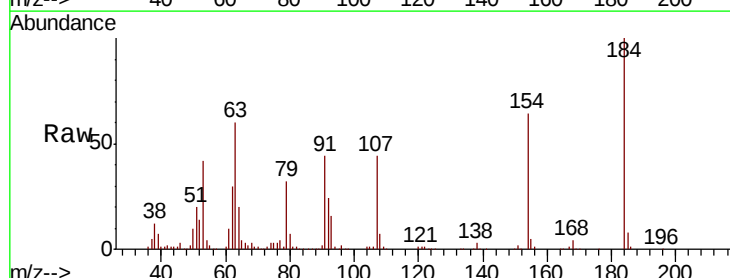
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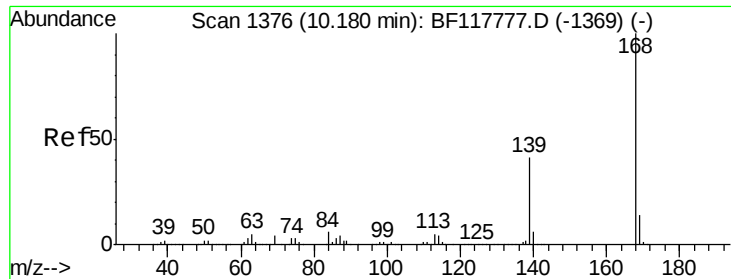
mohammad
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#54
2,4-Dinitrophenol
Concen: 93.744 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	43.0	64.6
154	64.2	48.0	72.0





#55

Dibenzofuran

Concen: 46.796 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion:168 Resp: 1588013

Ion Ratio Lower Upper

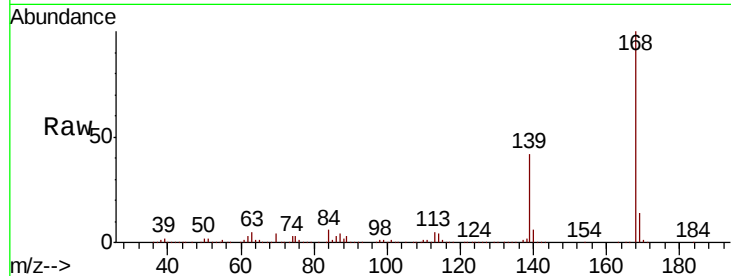
168 100

139 41.6 33.0 49.6

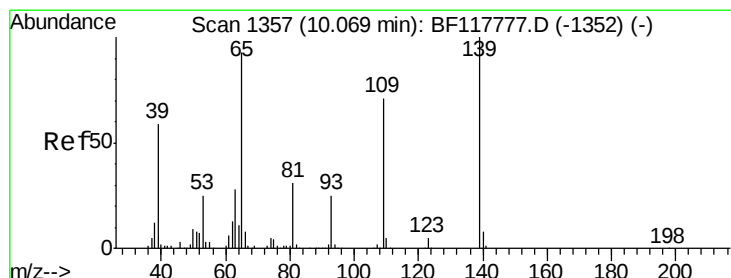
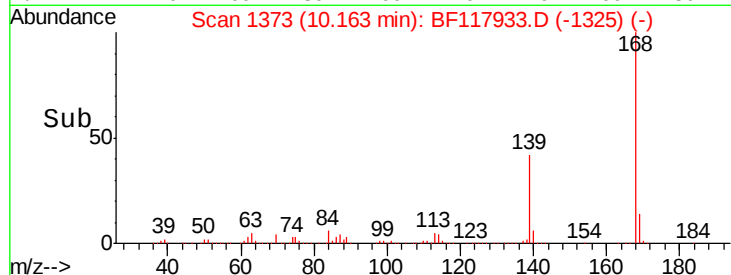
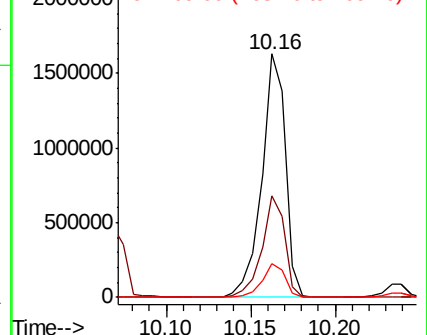
169 13.9 11.5 17.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.581 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

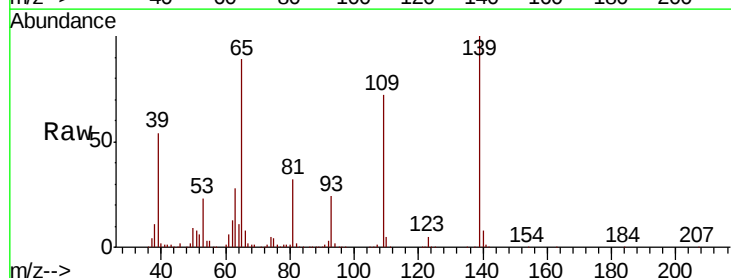
Tgt Ion:139 Resp: 556594

Ion Ratio Lower Upper

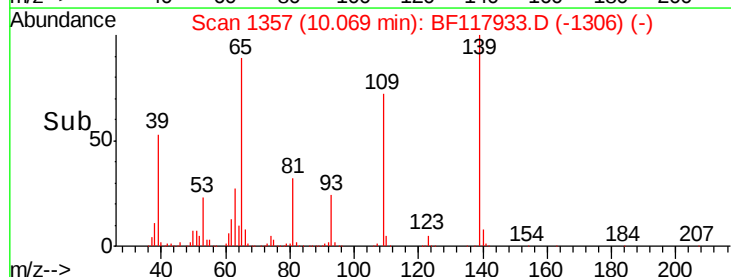
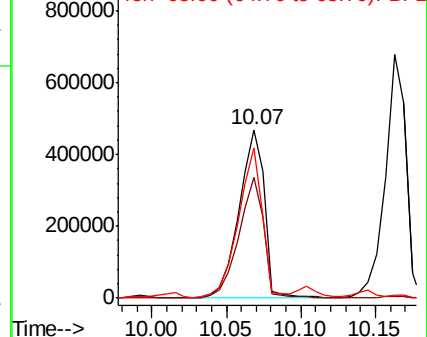
139 100

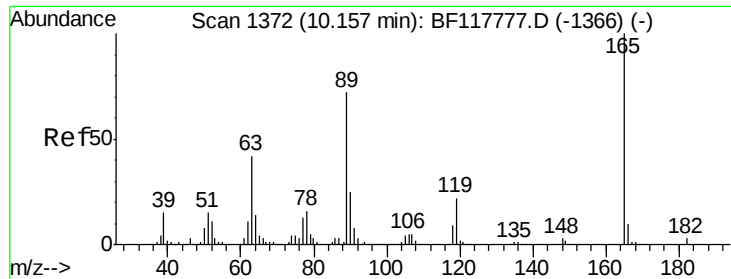
109 72.1 50.8 90.8

65 89.0 73.6 113.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





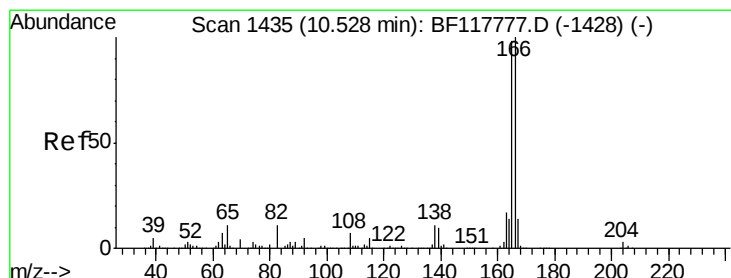
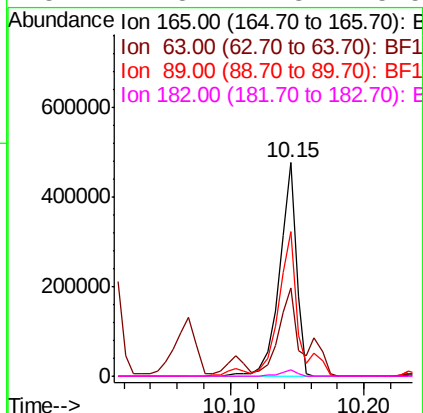
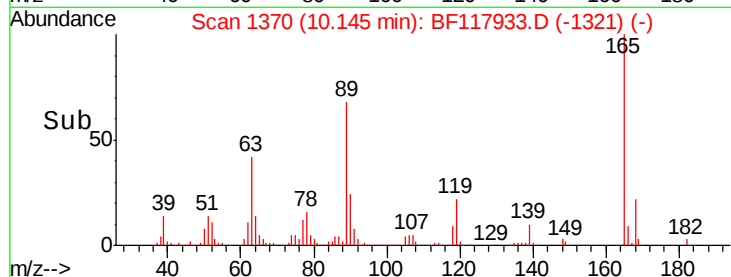
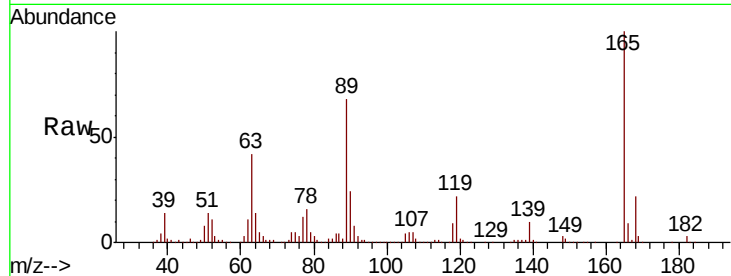
#57
2,4-Dinitrotoluene
Concen: 50.983 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.7	50.5
89	67.9	57.3	85.9
182	2.8	2.3	3.5

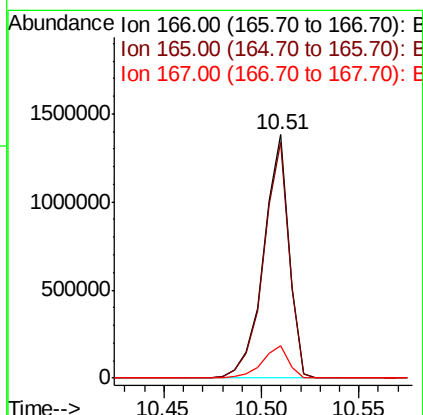
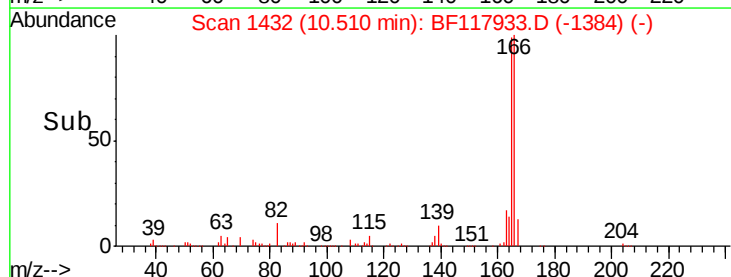
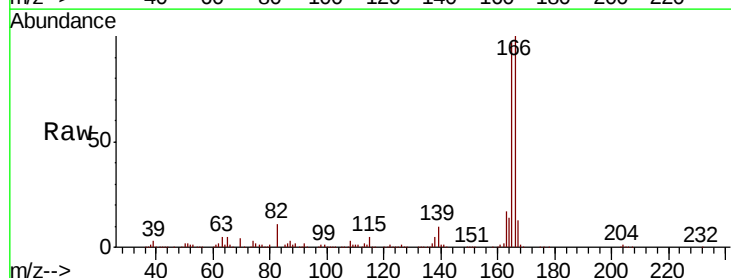
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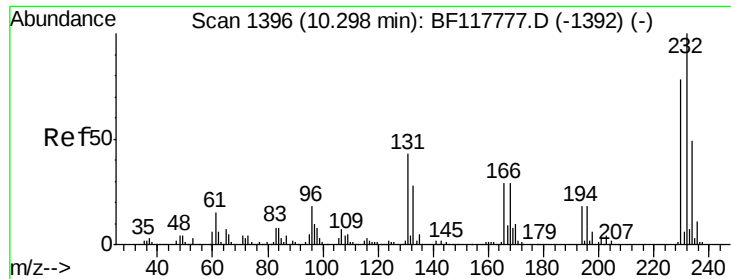
mohammad
11/25/2019 8:19:33 AM



#58
Fluorene
Concen: 47.314 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	13.4	11.0	16.4





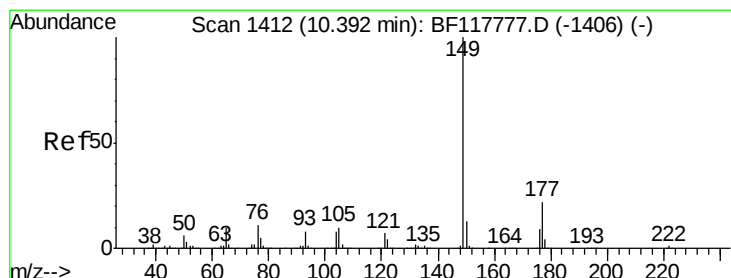
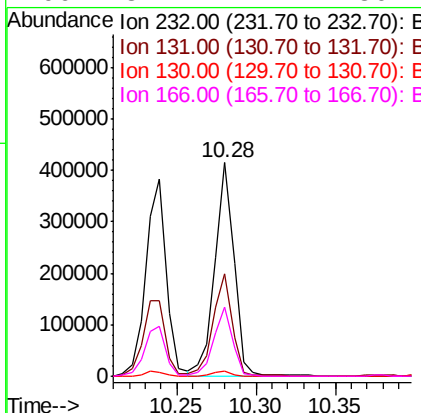
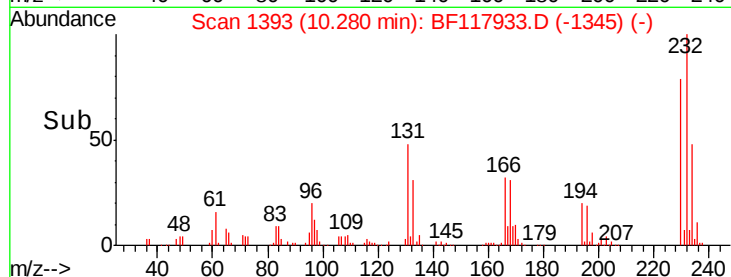
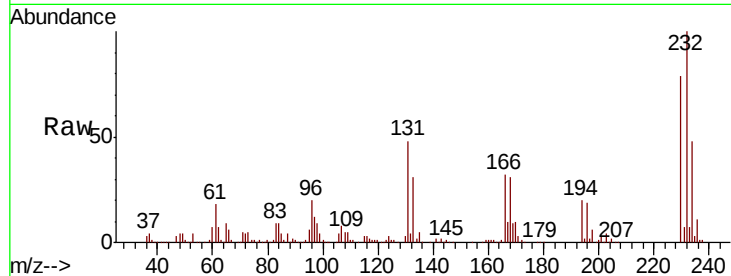
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.762 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.6	56.4
130	2.4	1.9	2.9
166	31.7	24.2	36.4

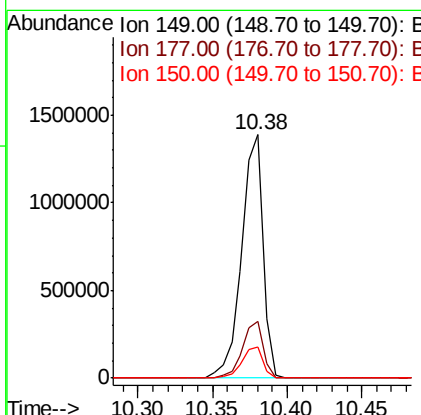
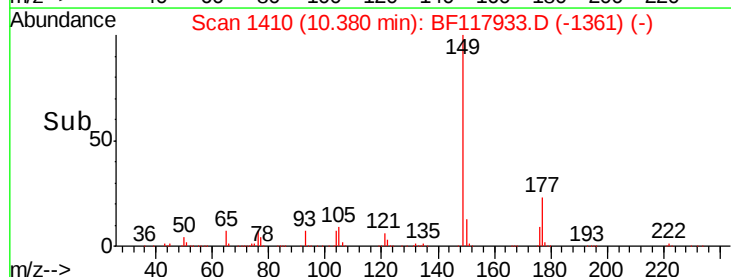
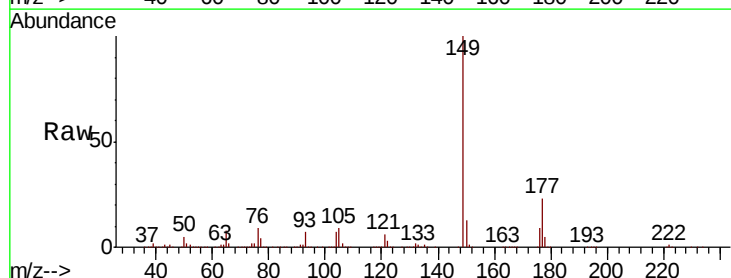
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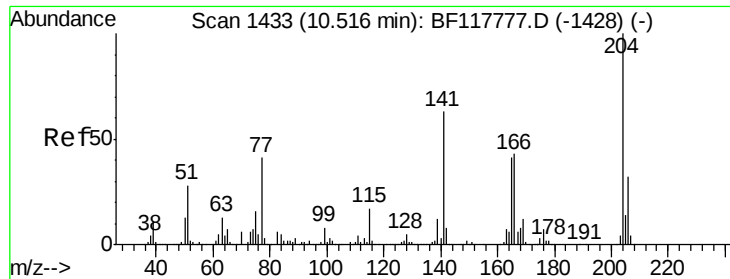
mohammad
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#60
Diethylphthalate
Concen: 46.984 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.0	27.0
150	12.6	10.5	15.7





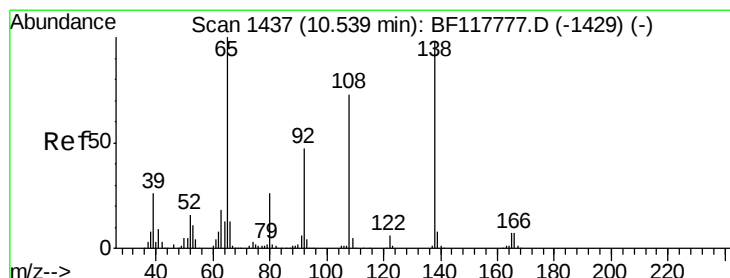
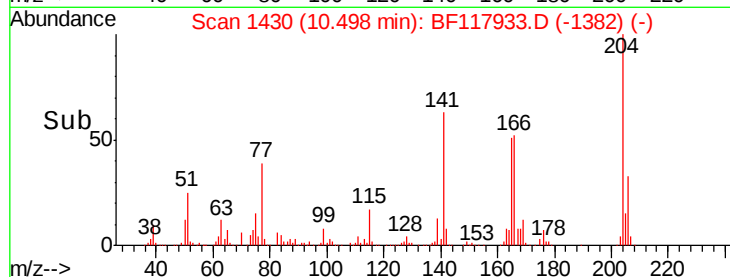
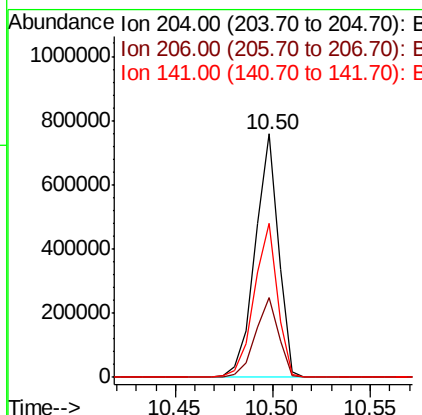
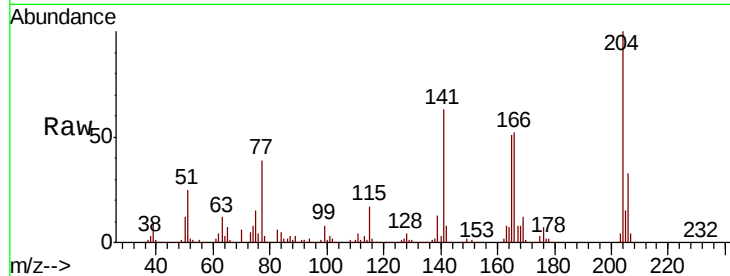
#61
 4-Chlorophenyl-phenylether
 Concen: 47.006 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion:	204	Resp:	627309
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.6	38.4
141	63.3	50.7	76.1

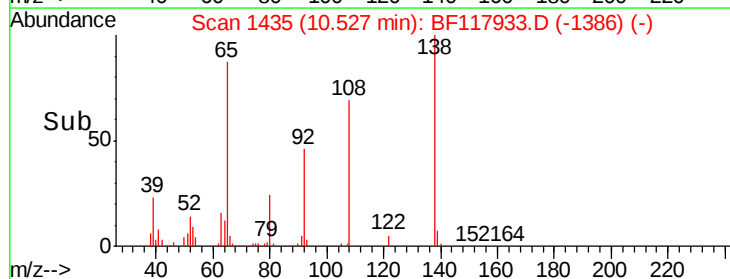
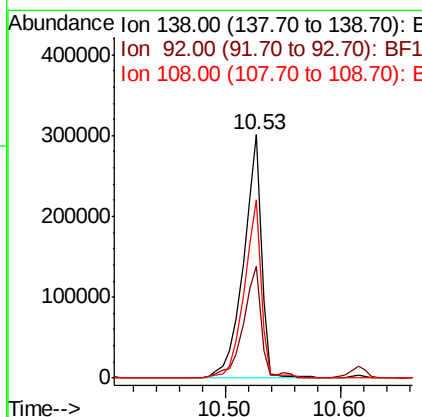
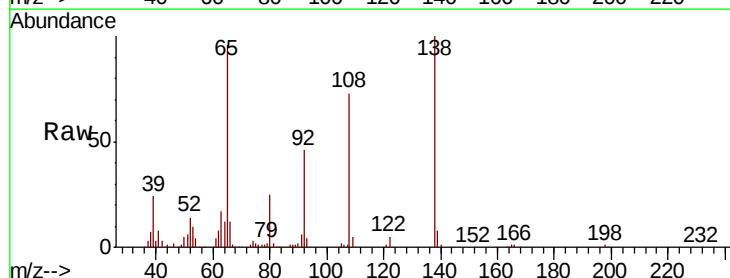
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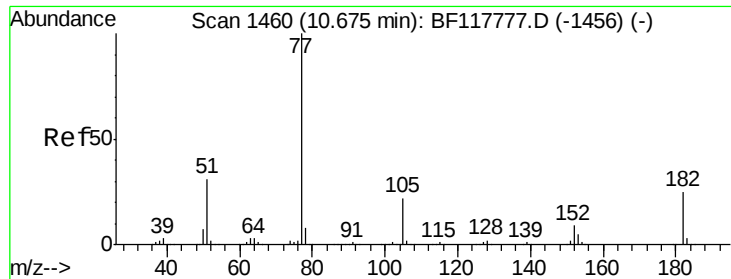
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#62
 4-Nitroaniline
 Concen: 40.922 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion:	138	Resp:	323037
Ion Ratio	Lower	Upper	
138	100		
92	46.1	28.3	68.3
108	73.3	54.3	94.3





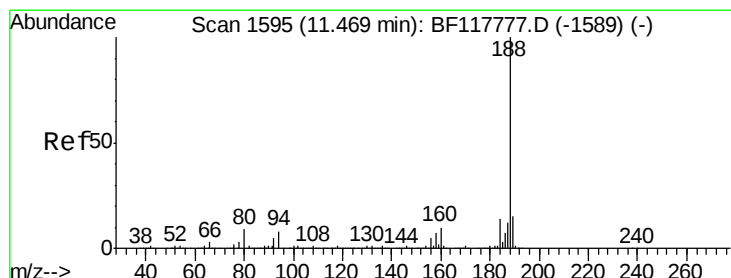
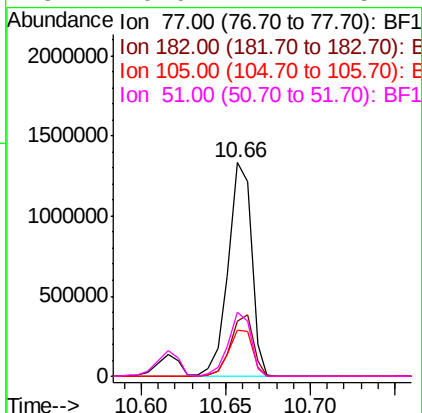
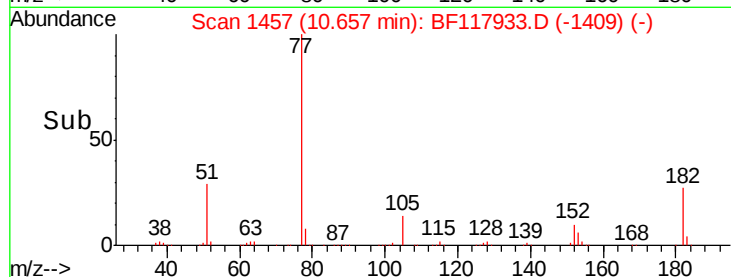
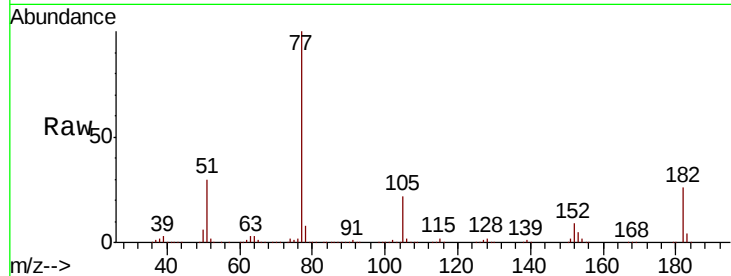
#63
Azobenzene
Concen: 47.922 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	4.8	44.8	
105	21.9	2.1	42.1	
51	29.9	11.4	51.4	

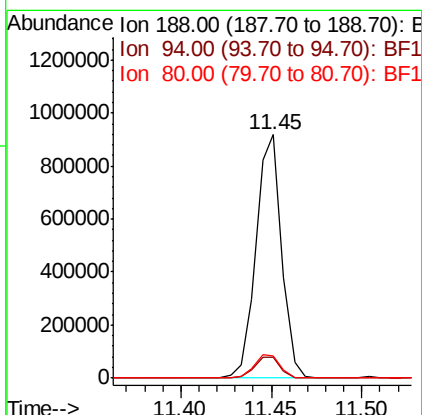
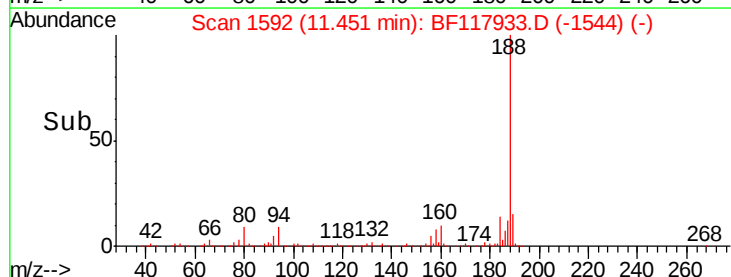
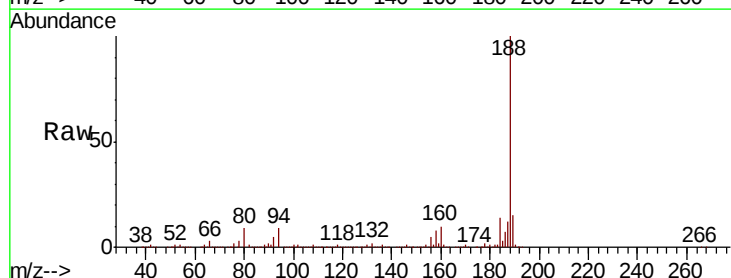
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	6.6	10.0	
80	9.2	7.2	10.8	





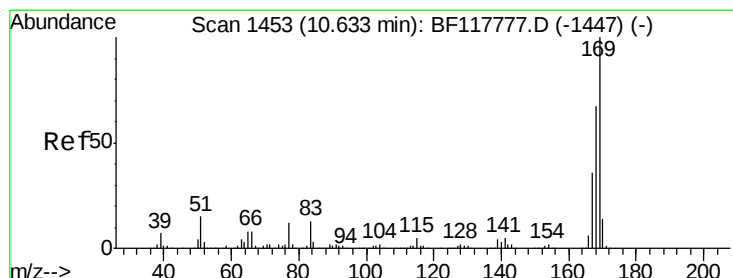
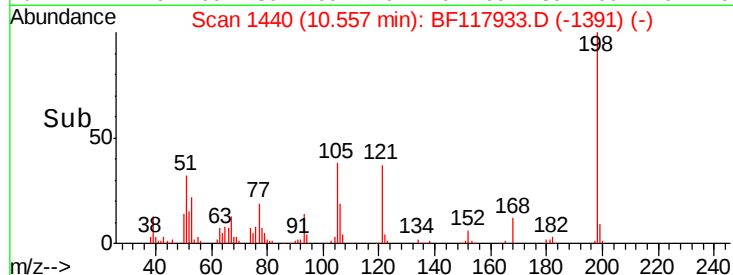
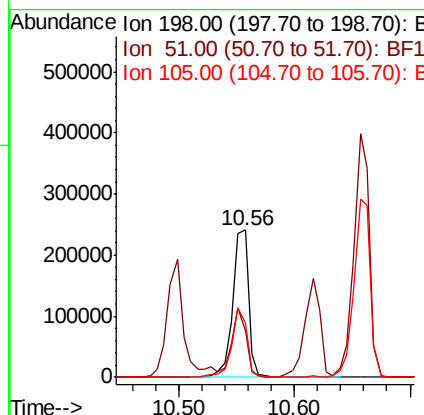
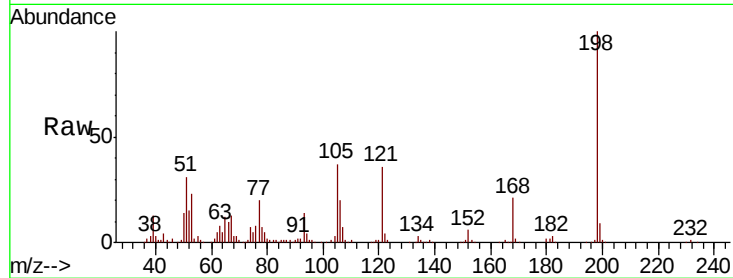
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.062 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.2	16.0	56.0
105	37.0	19.1	59.1

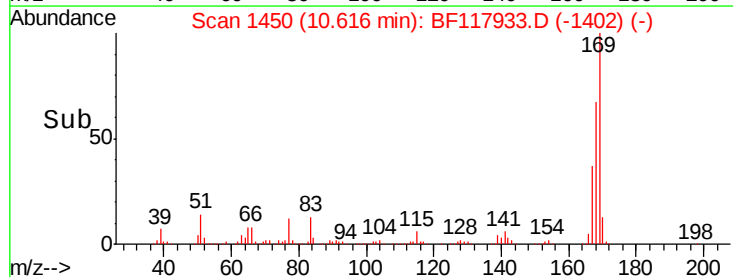
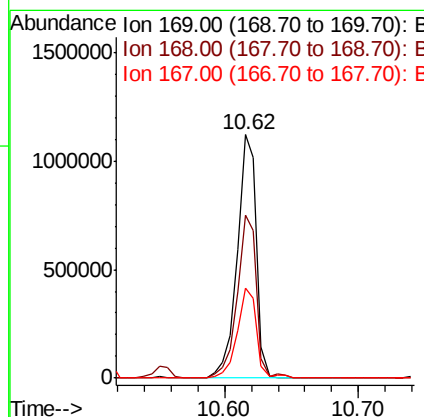
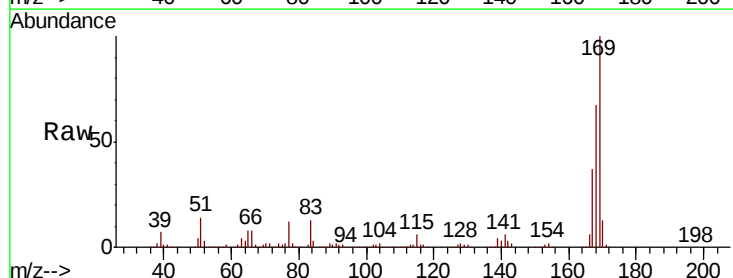
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#66
 n-Nitrosodiphenylamine
 Concen: 42.983 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.5	80.3
167	36.8	29.0	43.4





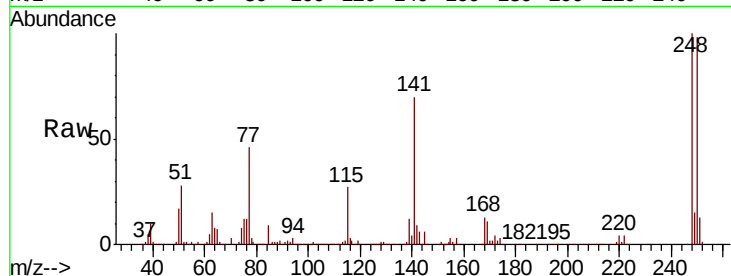
#67
4-Bromophenyl-phenylether
Concen: 42.367 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.6	115.0
141	70.3	55.9	83.9

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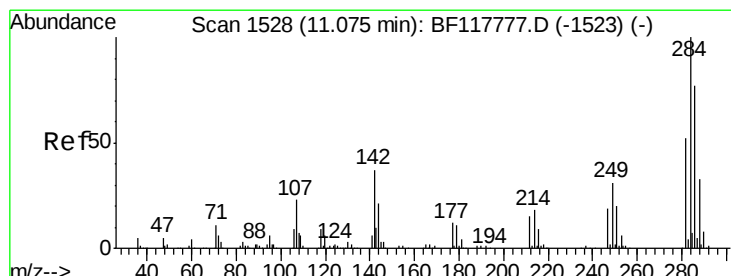
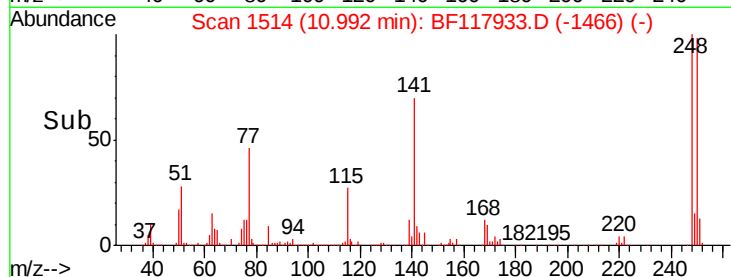
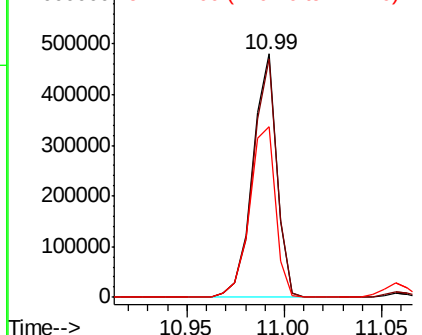


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.706 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

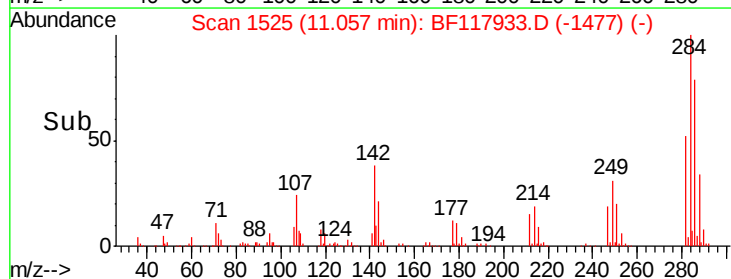
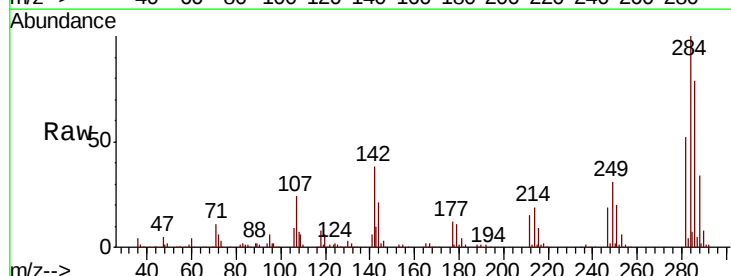
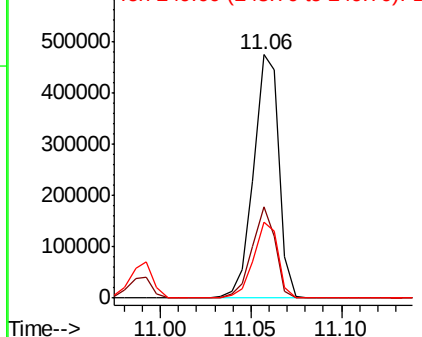
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.4	44.2
249	31.0	24.6	37.0

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





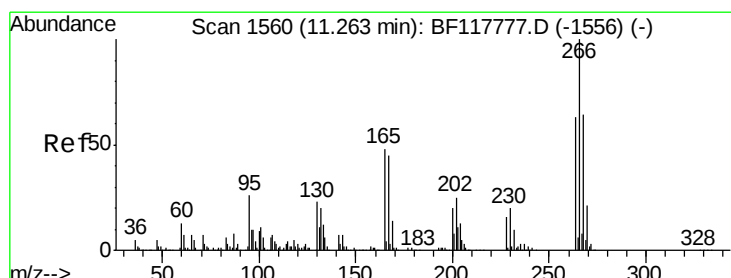
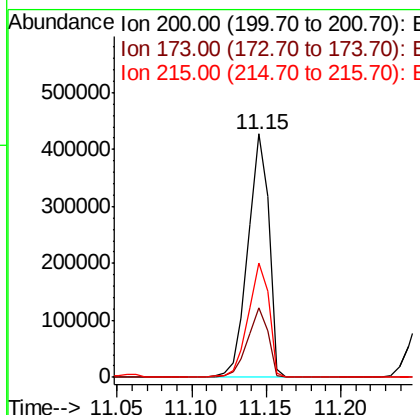
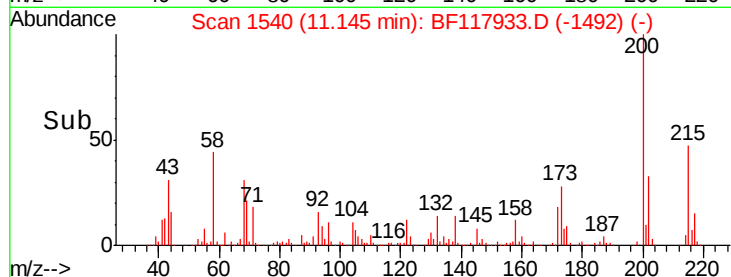
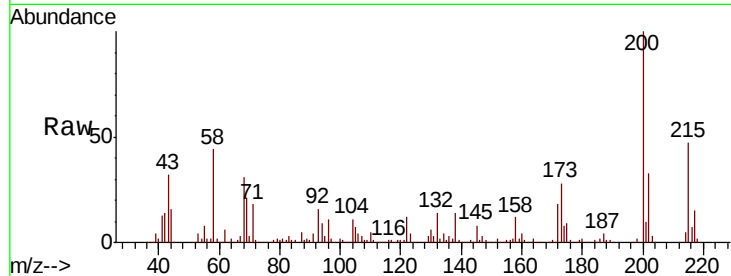
#69
Atrazine
Concen: 48.036 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.7	46.7
215	47.1	27.5	67.5

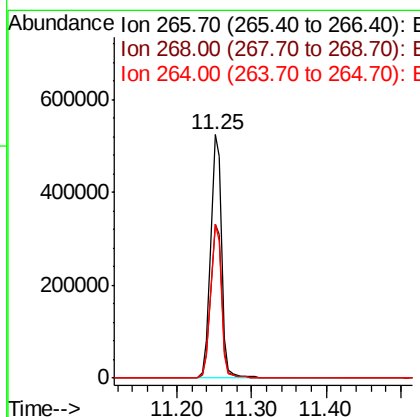
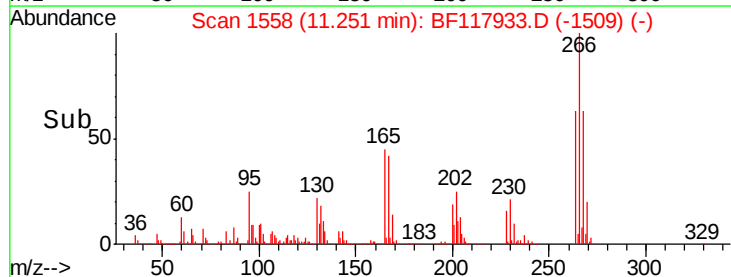
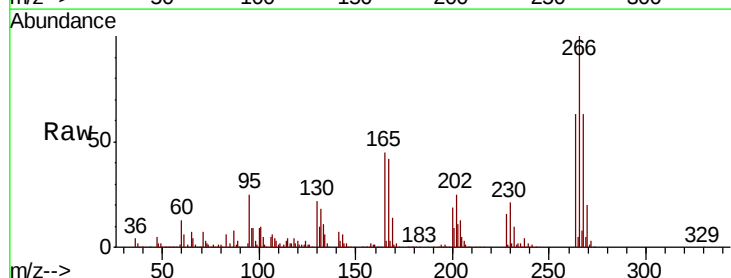
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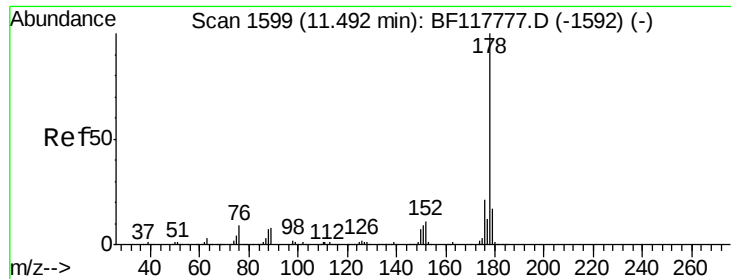
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#70
Pentachlorophenol
Concen: 80.702 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.8	76.2
264	63.1	50.7	76.1





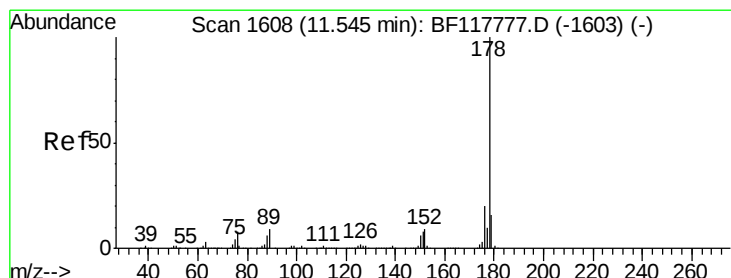
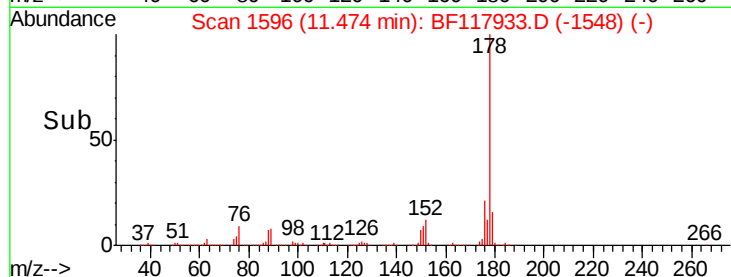
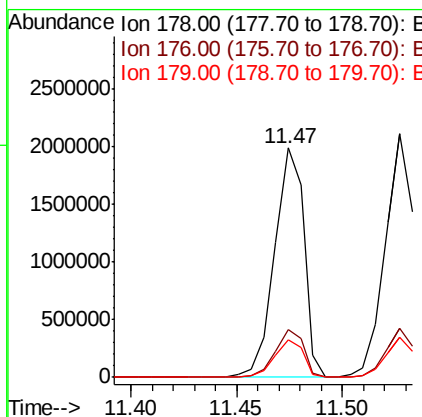
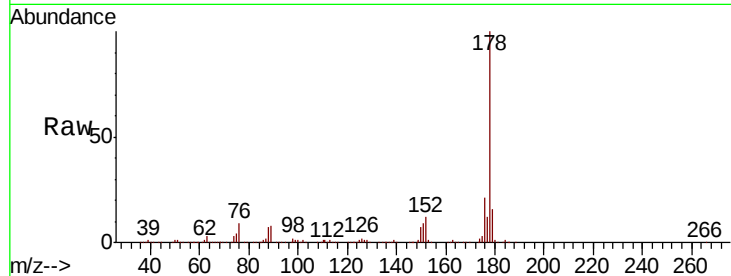
#71
Phenanthrene
Concen: 42.750 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion:178 Resp: 1932677
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.4 13.2 19.8

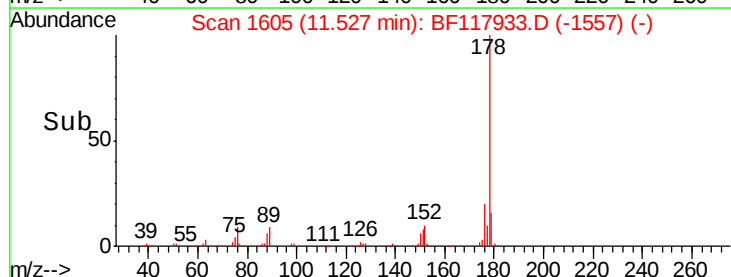
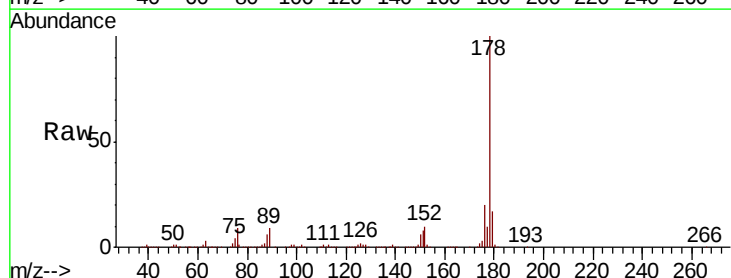
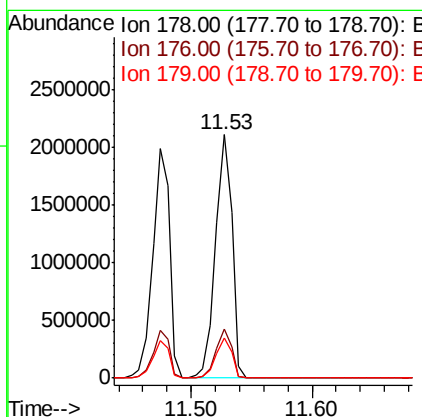
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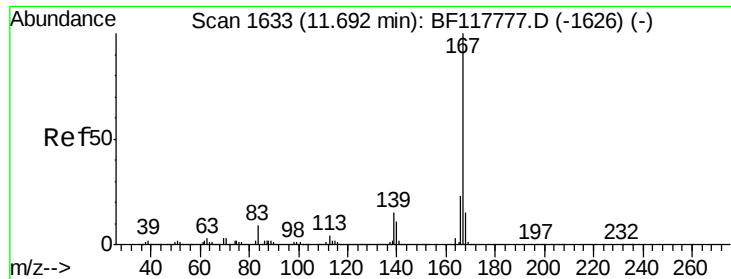
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#72
Anthracene
Concen: 43.965 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion:178 Resp: 1970662
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.5 13.0 19.4





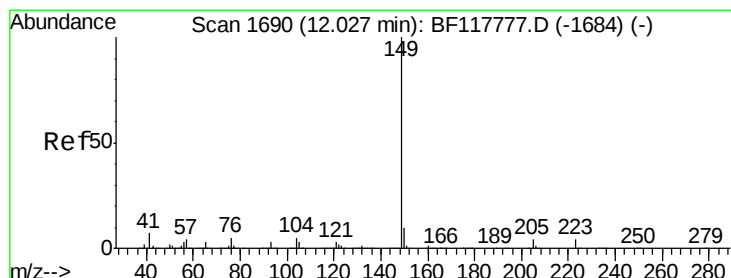
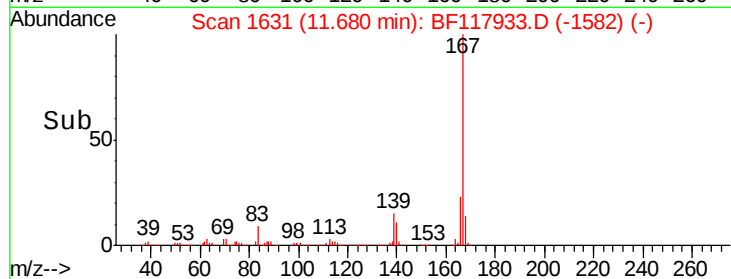
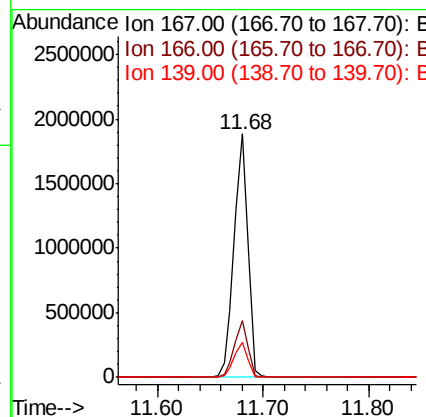
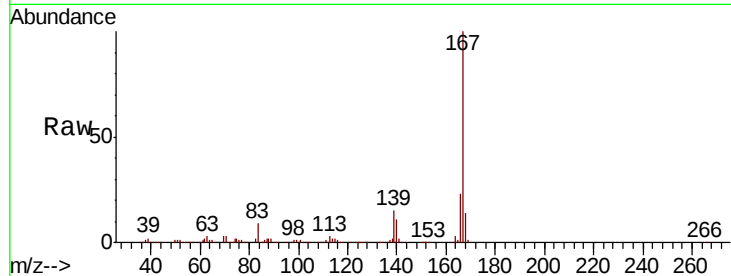
#73
 Carbazole
 Concen: 43.700 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.0	27.0
139	14.5	11.7	17.5

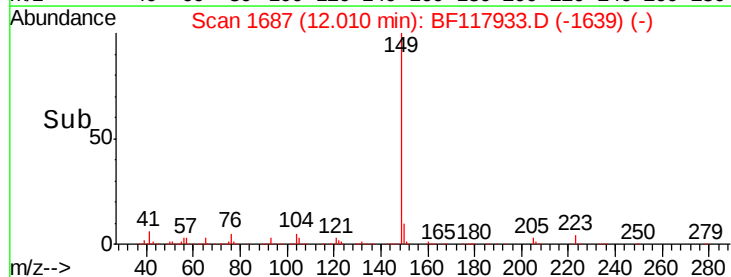
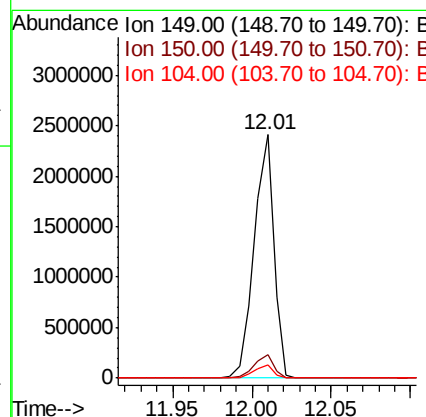
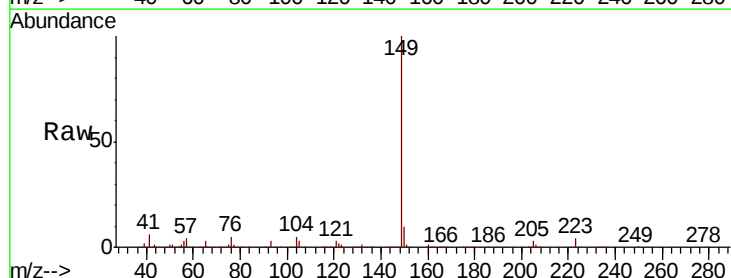
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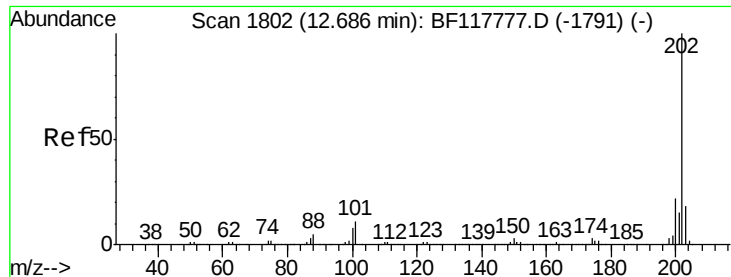
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#74
 Di-n-butylphthalate
 Concen: 42.609 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.2	4.2	6.4





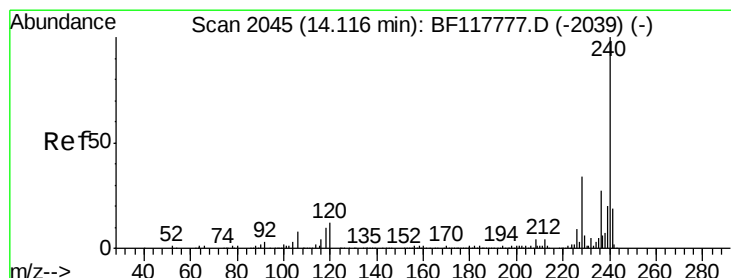
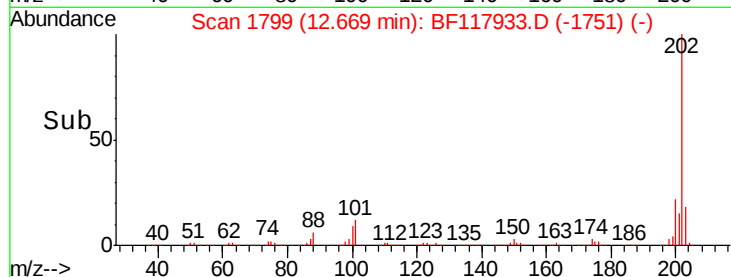
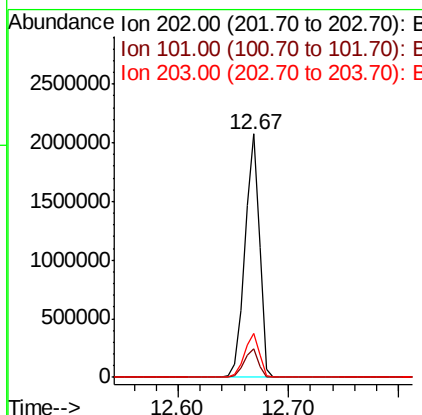
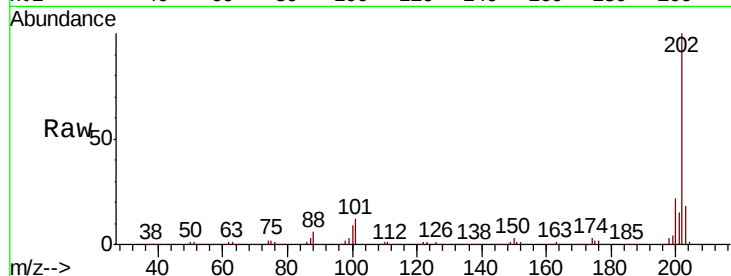
#75
 Fluoranthene
 Concen: 47.014 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1921656		
101	11.9	0.0	31.1	
203	18.3	0.0	38.2	

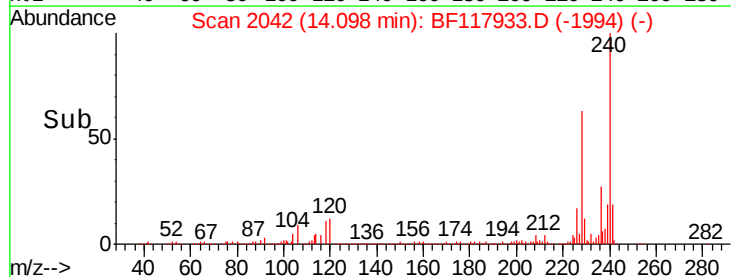
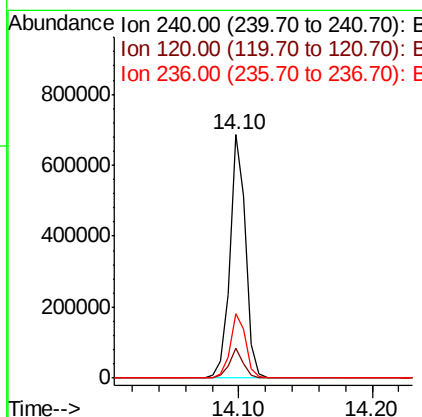
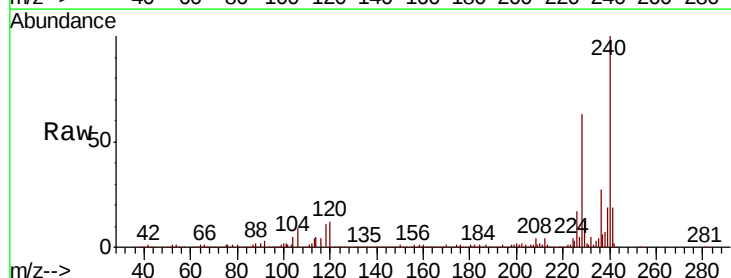
Manual Integrations
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	567893		
120	12.2	9.5	14.3	
236	26.7	21.3	31.9	





#77

Benzidine

Concen: 28.260 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

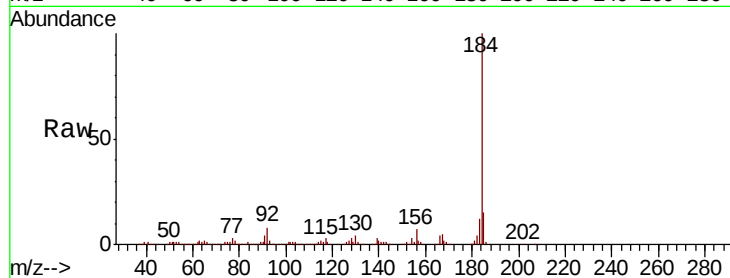
ClientSampleId :

PHIPPS-BH-NE-02MS

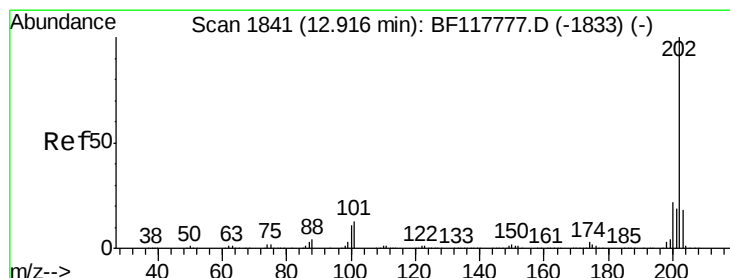
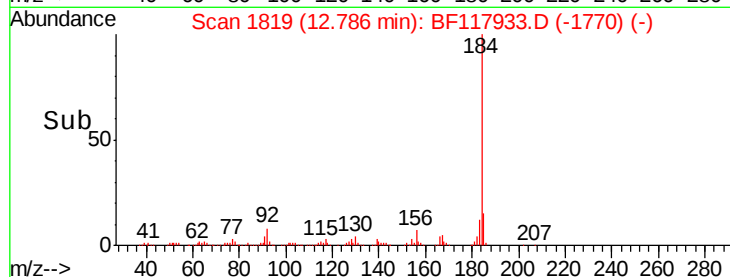
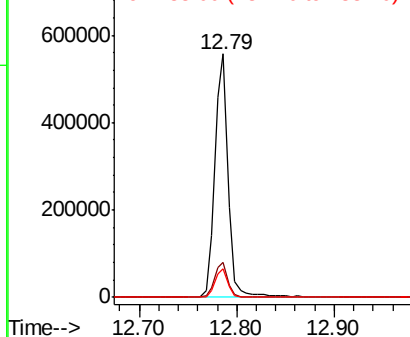
Tot Ion:	184	Resp:	525690
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.4
183	11.9	9.5	14.3

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



#78

Pyrene

Concen: 43.591 ng

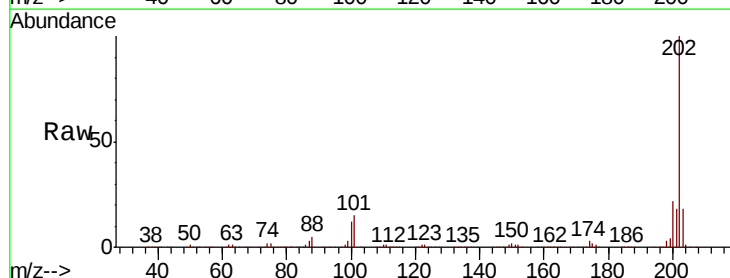
RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

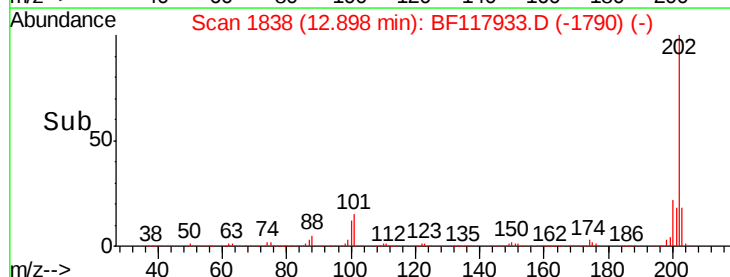
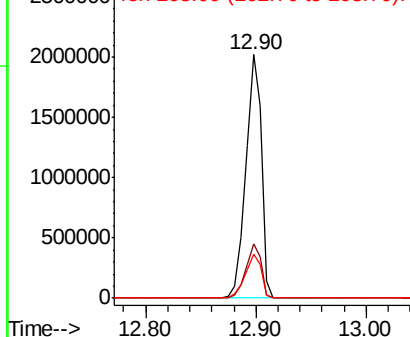
Lab File: BF117933.D

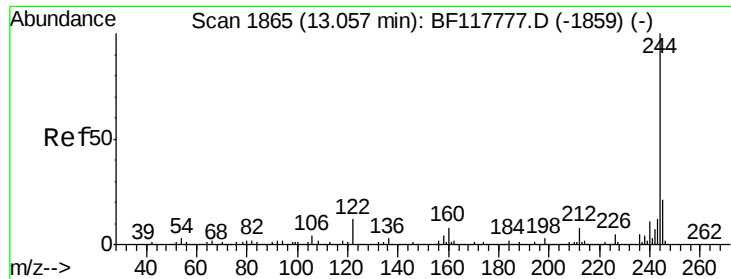
Acq: 22 Nov 2019 22:14

Tgt Ion:	202	Resp:	2000586
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.8
203	18.2	14.6	22.0



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





#79

Terphenyl-d14

Concen: 66.268 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion:244 Resp: 2059139

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

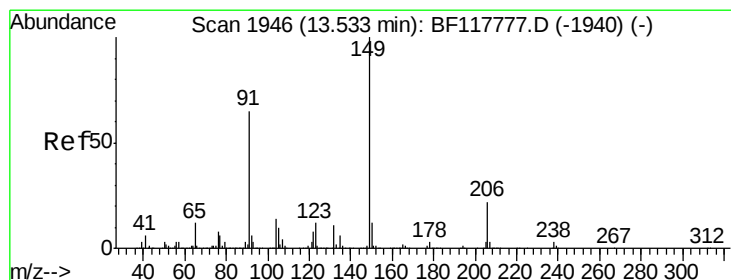
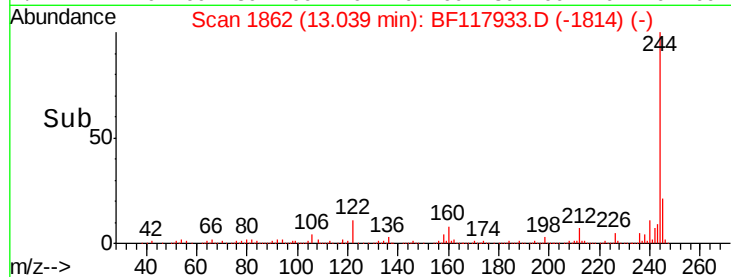
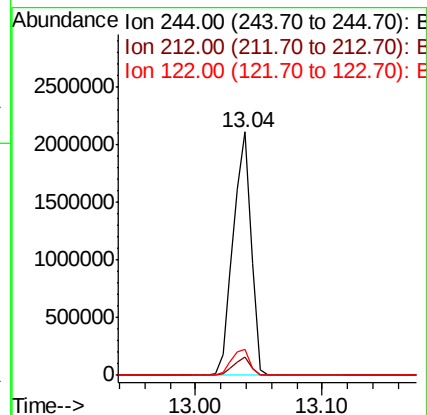
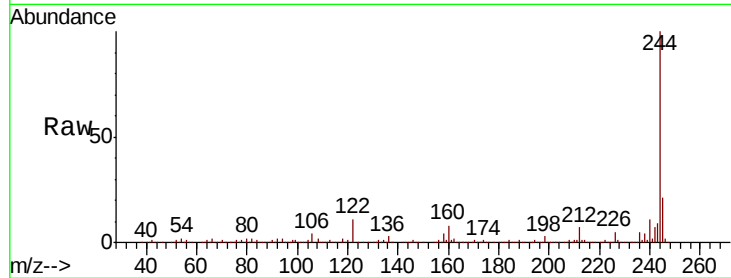
122 10.8 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 42.087 ng

RT: 13.51 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

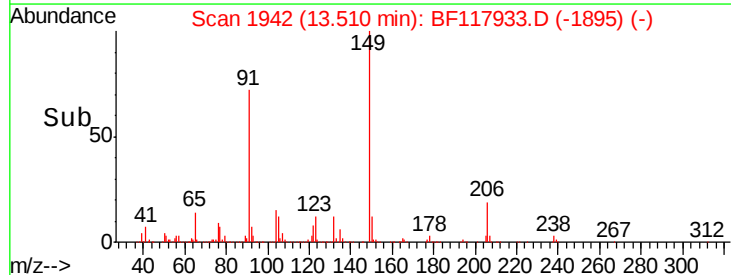
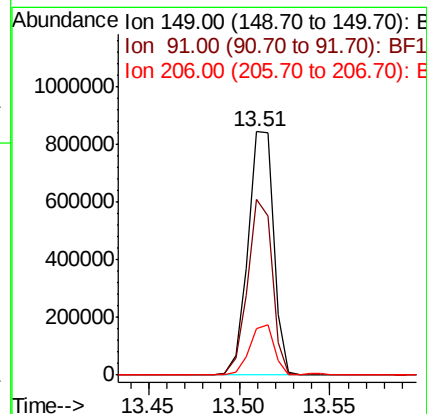
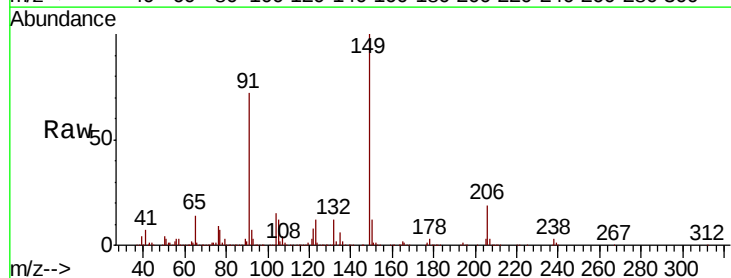
Tgt Ion:149 Resp: 829615

Ion Ratio Lower Upper

149 100

91 72.4 51.9 77.9

206 19.3 17.2 25.8





#81

Benzo(a)anthracene

Concen: 43.051 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MS

Tot Ion:228 Resp: 1615572

Ion Ratio Lower Upper

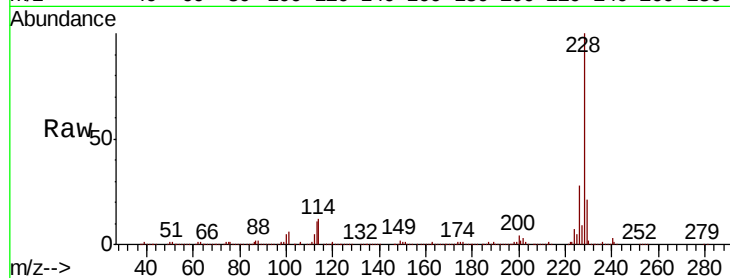
228 100

226 27.6 22.2 33.2

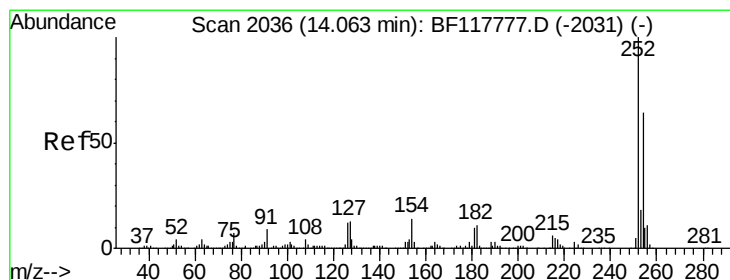
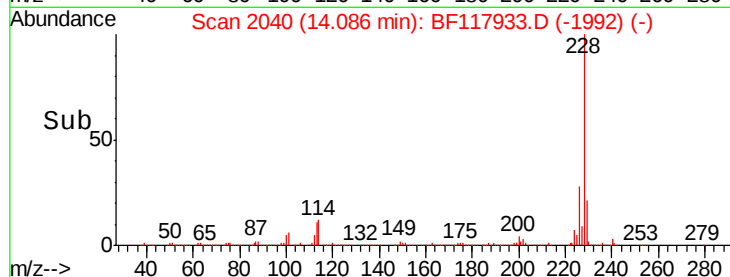
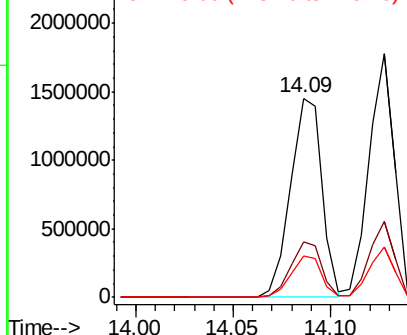
229 20.6 15.9 23.9

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



#82

3,3'-Dichlorobenzidine

Concen: 27.507 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF117933.D

Acq: 22 Nov 2019 22:14

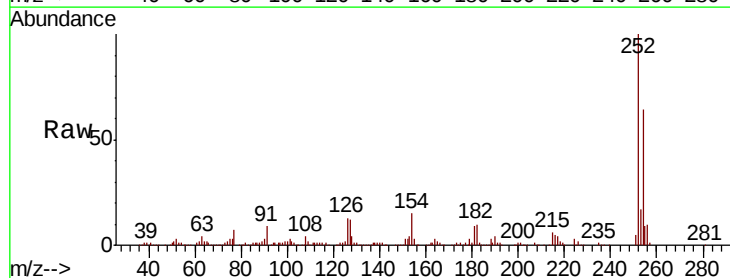
Tgt Ion:252 Resp: 361084

Ion Ratio Lower Upper

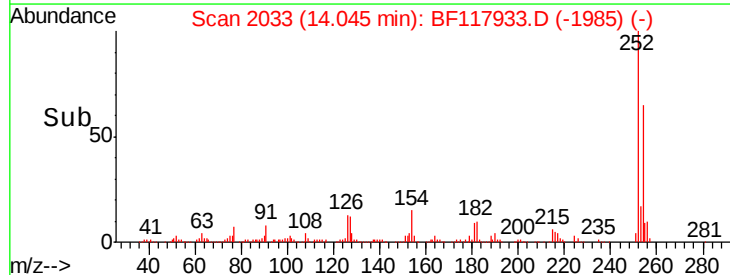
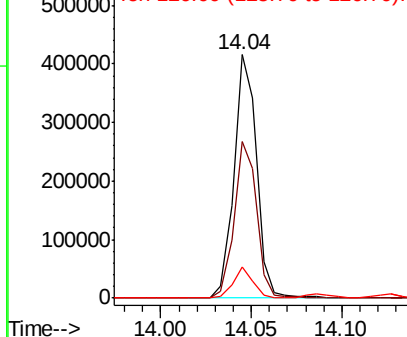
252 100

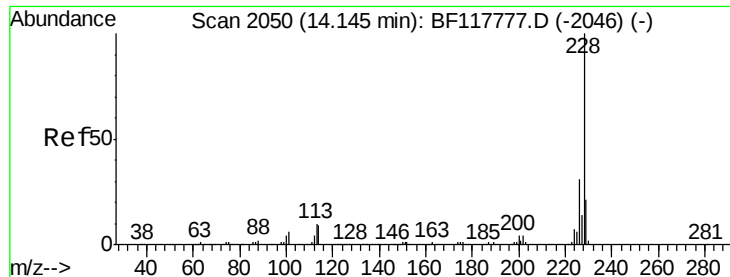
254 64.4 51.0 76.6

126 12.9 9.7 14.5



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





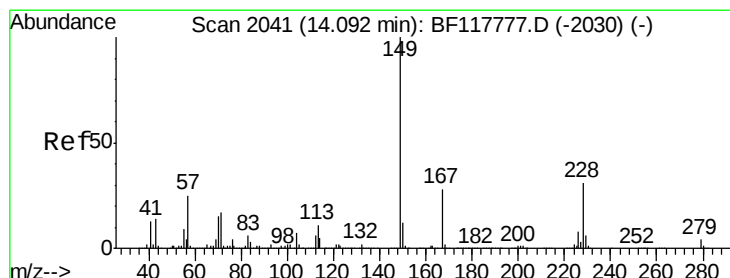
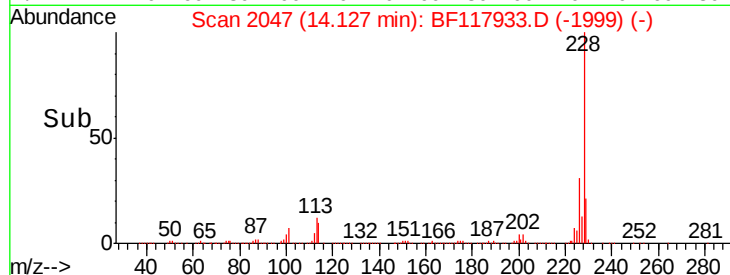
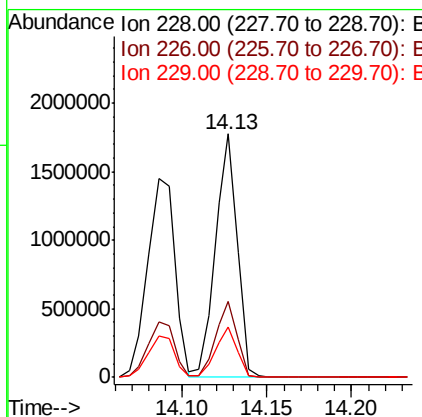
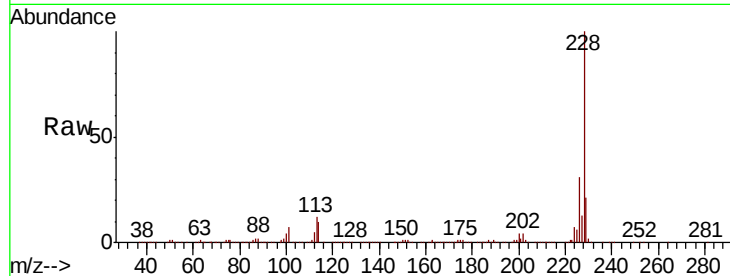
#83
 Chrysene
 Concen: 44.067 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	20.7	16.6	25.0

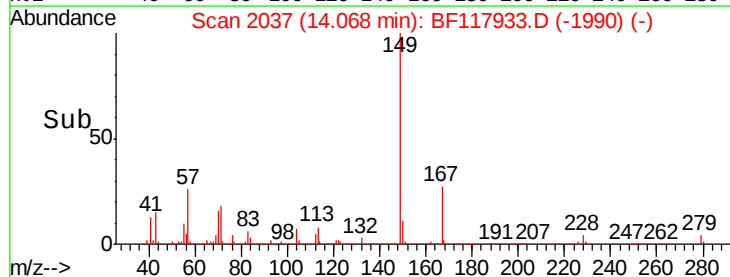
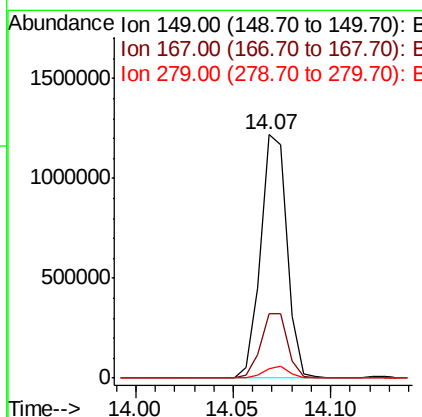
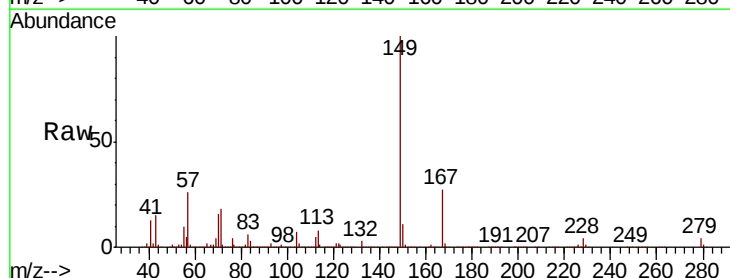
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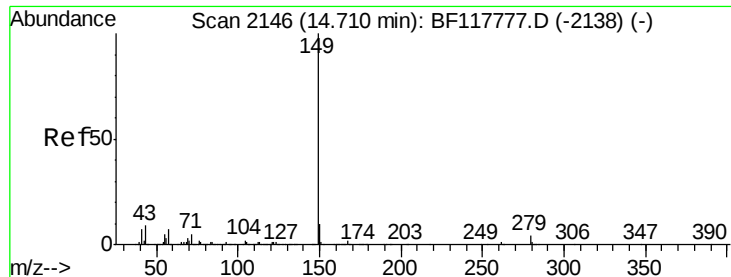
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.967 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BF117933.D
 Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.2
279	3.8	3.4	5.2





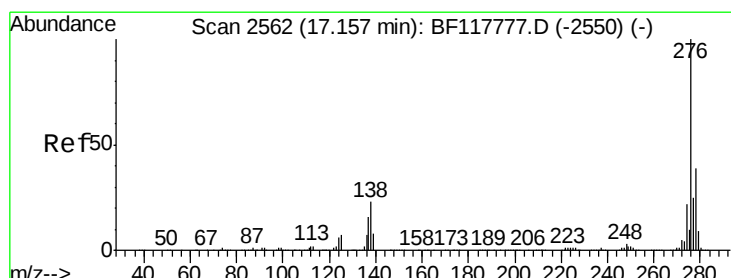
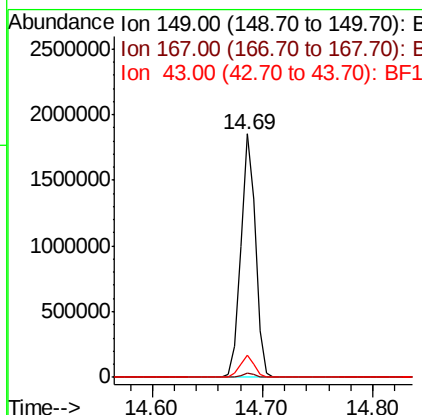
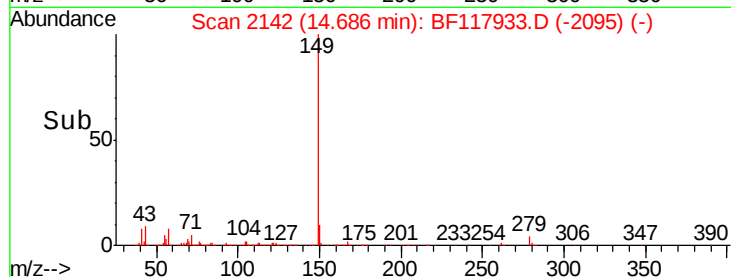
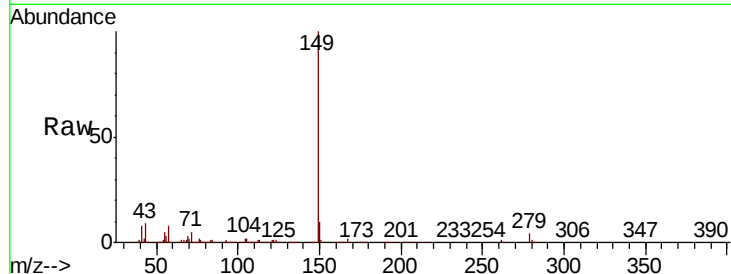
#85
Di-n-octyl phthalate
Concen: 49.069 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.4	11.2

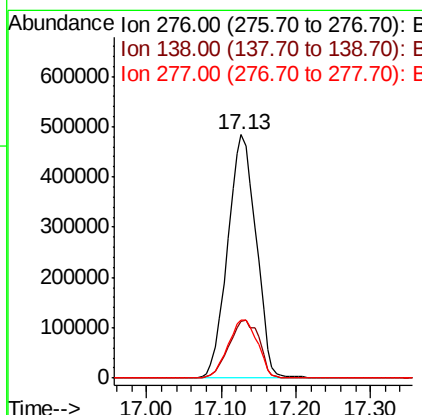
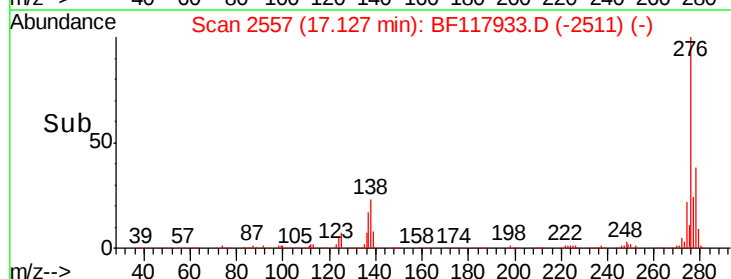
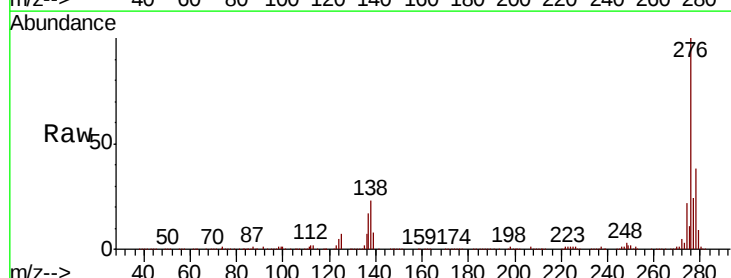
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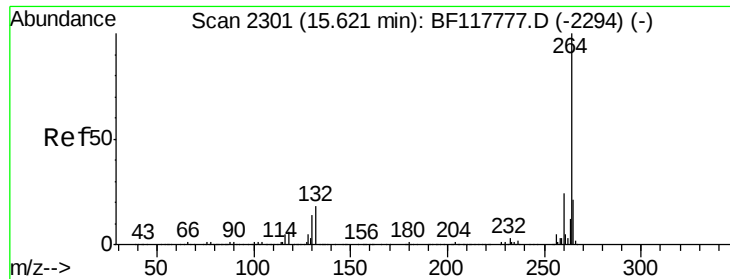
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.423 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.9	31.3
277	25.2	20.3	30.5





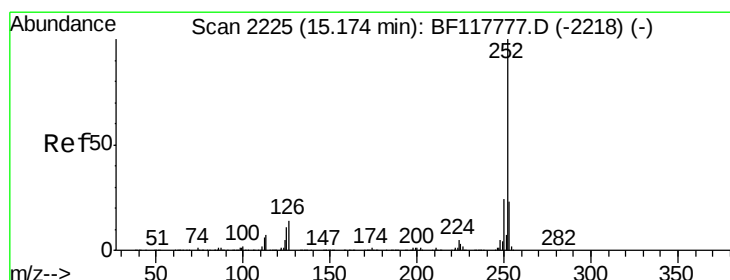
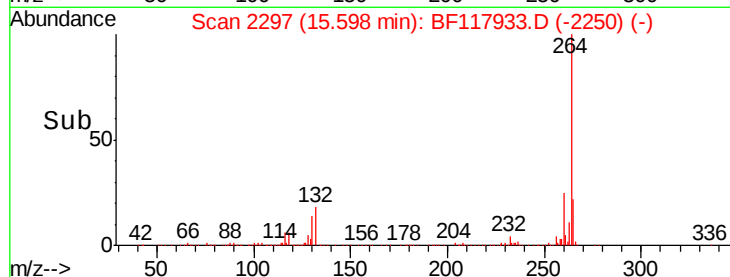
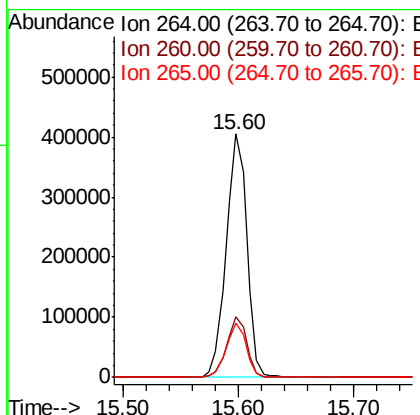
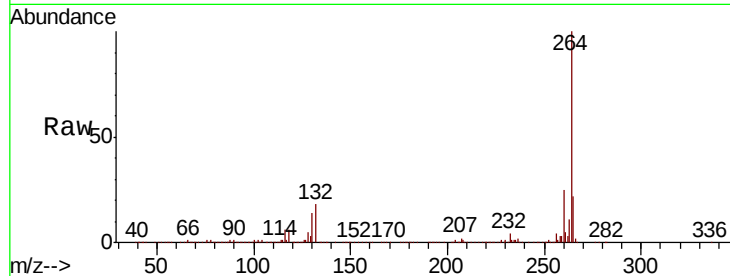
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.2	17.1	25.7

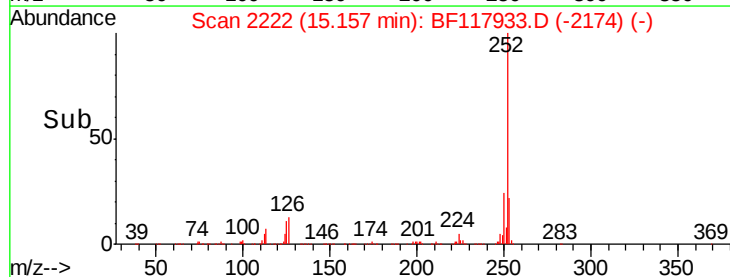
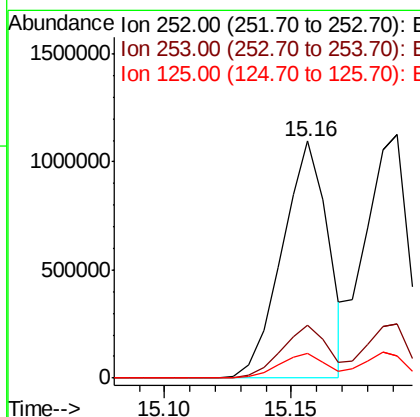
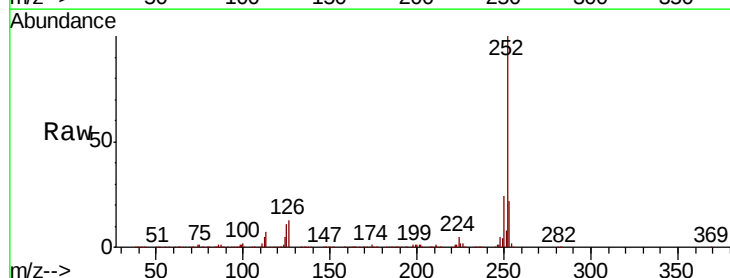
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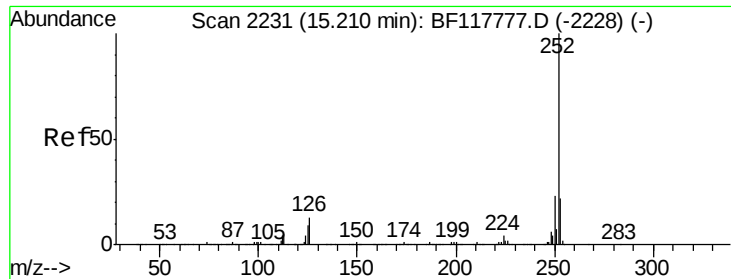
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.394 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.6	8.6	13.0





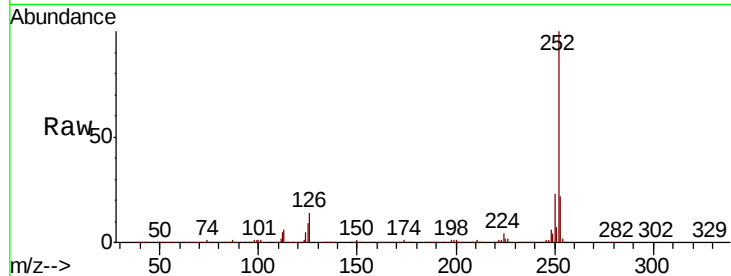
#89
Benzo(k)fluoranthene
Concen: 43.083 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.1	7.9	11.9

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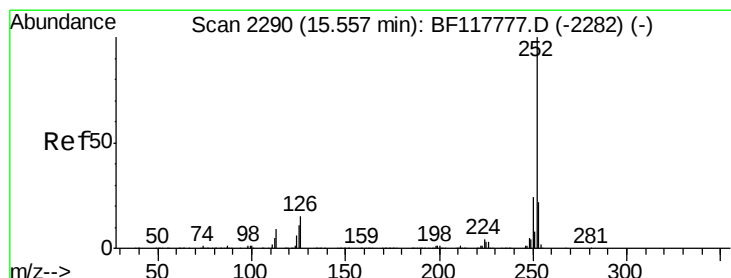
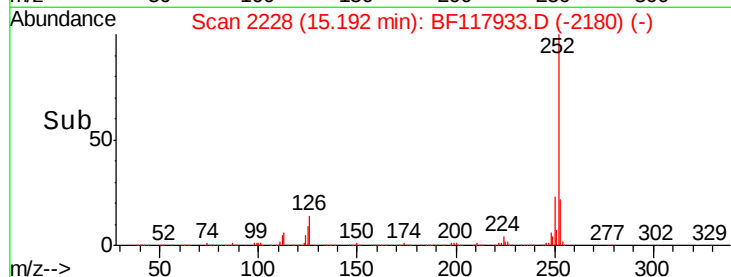
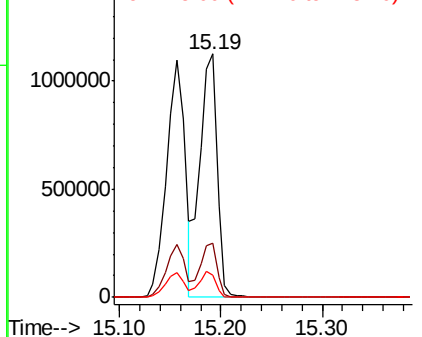


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.226 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

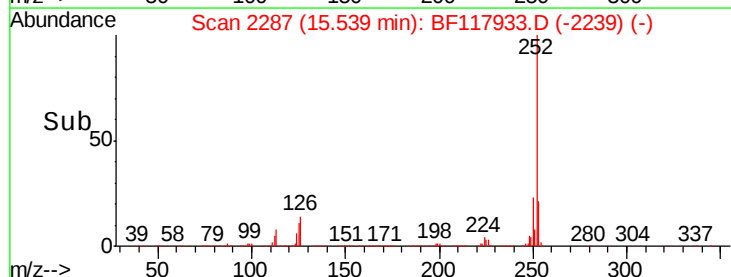
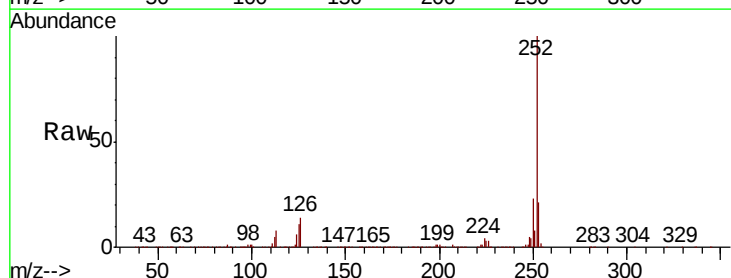
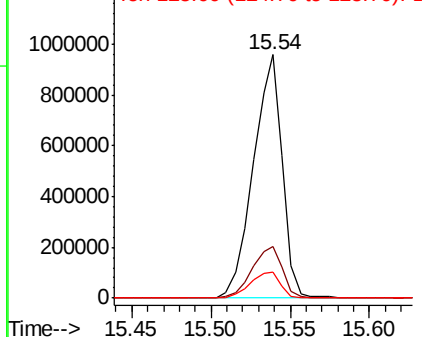
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	10.6	9.2	13.8

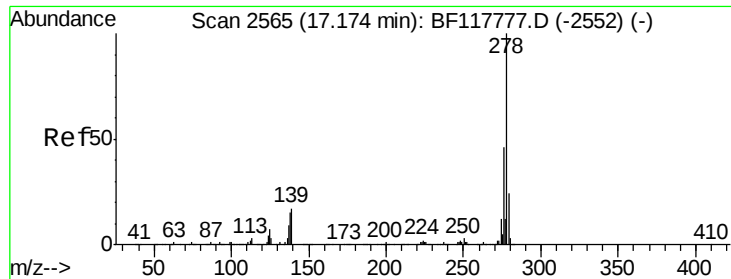
Abundance

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





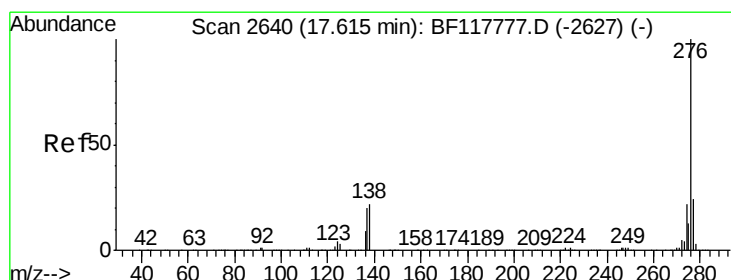
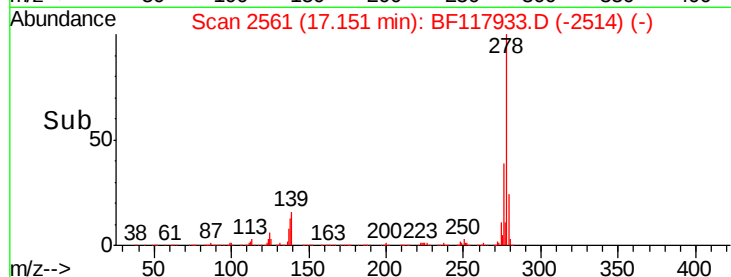
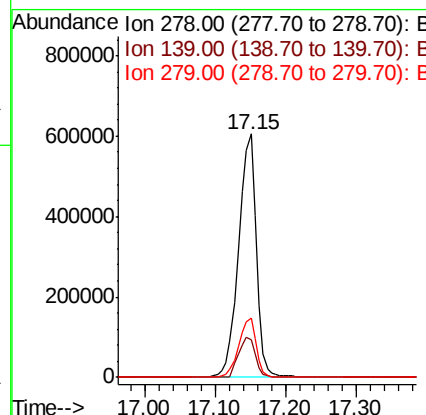
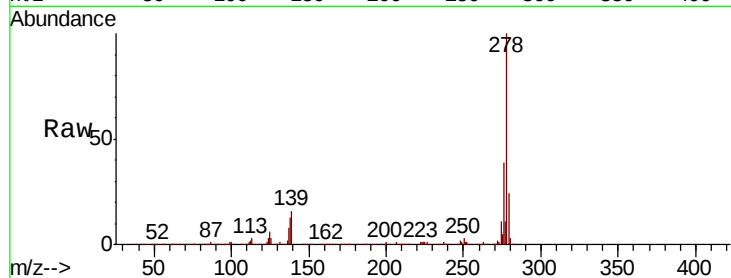
#91
Dibenzo(a,h)anthracene
Concen: 42.984 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.8	20.8
279	24.3	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 8:19:33 AM



#92
Benzo(g,h,i)perylene
Concen: 42.809 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.02 min
Lab File: BF117933.D
Acq: 22 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.4	17.4	26.2

