

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117934.D
 Acq On : 22 Nov 2019 22:41
 Operator : JU
 Sample : K5840-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:19:36 AM

Quant Time: Nov 23 03:52:35 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	183672	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	673047	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	409954	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	816126	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	518251	20.00	ng	-0.01
87) Perylene-d12	15.60	264	457587	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1056363	101.81	ng	0.00
7) Phenol-d6	6.53	99	1465649	117.11	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1013056	89.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	409763	94.41	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	2029861	88.83	ng	-0.02
79) Terphenyl-d14	13.04	244	2211252	77.98	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.77	88	173763	35.826 ng	96
3) Pyridine	3.52	79	491762	38.651 ng	96
4) n-Nitrosodimethylamine	3.48	42	247172	44.504 ng	97
6) Aniline	6.57	93	436109	26.369 ng	99
8) 2-Chlorophenol	6.69	128	562445	49.954 ng	99
9) Benzaldehyde	6.45	77	250744	28.340 ng	99
10) Phenol	6.55	94	719368	55.313 ng	99
11) bis(2-Chloroethyl)ether	6.64	93	479316	45.894 ng	97
12) 1,3-Dichlorobenzene	6.85	146	626838	47.289 ng	98
13) 1,4-Dichlorobenzene	6.92	146	617944	46.120 ng	98
14) 1,2-Dichlorobenzene	7.07	146	539186	42.077 ng	99
15) Benzyl Alcohol	7.05	79	491384	50.854 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	603501	37.532 ng	97
17) 2-Methylphenol	7.16	107	432412	45.351 ng	99
18) Hexachloroethane	7.42	117	213413	43.358 ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	348824	45.178 ng	97
20) 3+4-Methylphenols	7.31	107	530361	44.809 ng	# 76
22) Acetophenone	7.32	105	705565	46.660 ng	99
24) Nitrobenzene	7.49	77	607084	51.976 ng	97
25) Isophorone	7.73	82	1140397	54.955 ng	97
26) 2-Nitrophenol	7.80	139	339806	59.772 ng	97
27) 2,4-Dimethylphenol	7.84	122	558066	63.173 ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	662887	50.339 ng	99
29) 2,4-Dichlorophenol	8.05	162	538353	56.182 ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	576840	51.898 ng	99
31) Naphthalene	8.22	128	1558748	49.678 ng	99
32) Benzoic acid	7.97	122	419622	56.731 ng	98
33) 4-Chloroaniline	8.26	127	183894	13.092 ng	99
34) Hexachlorobutadiene	8.33	225	315982	48.624 ng	98
35) Caprolactam	8.64	113	168648m	55.378 ng	
36) 4-Chloro-3-methylphenol	8.75	107	559918	57.577 ng	97
37) 2-Methylnaphthalene	8.91	142	1225230	57.793 ng	99
38) 1-Methylnaphthalene	9.01	142	1147702	57.263 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	529188	44.449 ng	99

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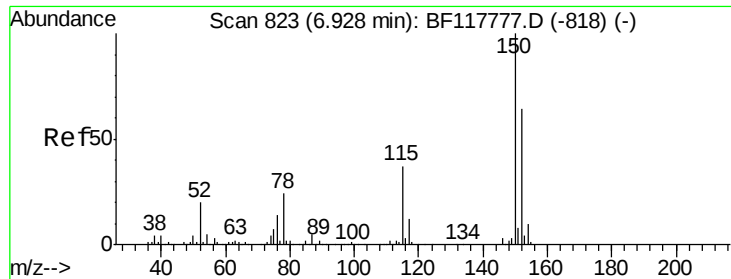
Manual Integrations
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 11/25/2019 8:19:36 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	682937	102.361	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	385745	45.236	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	417923	47.203	ng	99
46) 1,1'-Biphenyl	9.37	154	1297361	42.656	ng	99
47) 2-Chloronaphthalene	9.40	162	1014959	40.565	ng	99
48) 2-Nitroaniline	9.49	65	303821	40.220	ng	98
49) Acenaphthylene	9.82	152	1704136	46.715	ng	100
50) Dimethylphthalate	9.68	163	1408745	49.004	ng	99
51) 2,6-Dinitrotoluene	9.74	165	280978	44.721	ng	90
52) Acenaphthene	9.99	154	1250344	53.506	ng	98
53) 3-Nitroaniline	9.90	138	160271	21.318	ng	95
54) 2,4-Dinitrophenol	10.02	184	324057	98.540	ng	90
55) Dibenzofuran	10.16	168	1507074	46.573	ng	99
56) 4-Nitrophenol	10.07	139	538516	95.964	ng	97
57) 2,4-Dinitrotoluene	10.15	165	431277	53.962	ng	96
58) Fluorene	10.51	166	1211038	48.294	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	349469	48.039	ng	99
60) Diethylphthalate	10.38	149	1373656	49.012	ng	98
61) 4-Chlorophenyl-phenylether	10.50	204	596258	46.854	ng	97
62) 4-Nitroaniline	10.53	138	316806	42.087	ng	98
63) Azobenzene	10.66	77	1247188	48.913	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	234146	61.456	ng	98
66) n-Nitrosodiphenylamine	10.62	169	1093472	46.038	ng	99
67) 4-Bromophenyl-phenylether	10.99	248	396182	44.991	ng	99
68) Hexachlorobenzene	11.06	284	460378	44.836	ng	99
69) Atrazine	11.15	200	355950	45.558	ng	97
70) Pentachlorophenol	11.25	266	522658	87.125	ng	100
71) Phenanthrene	11.47	178	1845969	44.988	ng	99
72) Anthracene	11.53	178	1919285	47.177	ng	99
73) Carbazole	11.68	167	1664825	46.830	ng	99
74) Di-n-butylphthalate	12.01	149	2056277	46.456	ng	100
75) Fluoranthene	12.67	202	1894187	51.837	ng	99
77) Benzidine	12.79	184	555867	32.745	ng	99
78) Pyrene	12.90	202	1862804	44.477	ng	99
80) Butylbenzylphthalate	13.52	149	770934	42.857	ng	99
81) Benzo(a)anthracene	14.09	228	1572542	45.918	ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	378287	31.578	ng	98
83) Chrysene	14.13	228	1500954	45.230	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	1104612	50.650	ng	98
85) Di-n-octyl phthalate	14.69	149	1689177	52.723	ng	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	1218778	43.152	ng	99
88) Benzo(b)fluoranthene	15.16	252	1290782	43.417	ng	99
89) Benzo(k)fluoranthene	15.19	252	1322047	47.196	ng	99
90) Benzo(a)pyrene	15.54	252	1144662	43.786	ng	100
91) Dibenzo(a,h)anthracene	17.14	278	1019138	45.292	ng	99
92) Benzo(g,h,i)perylene	17.59	276	857865	38.277	ng	99

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



#1

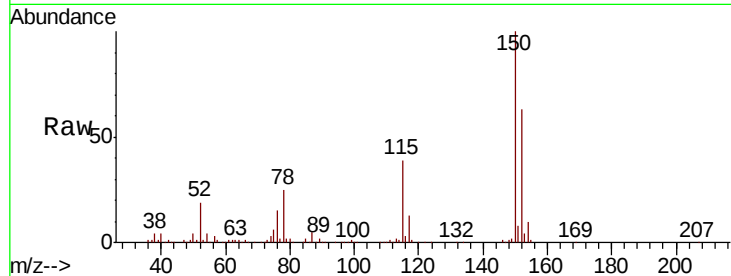
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.3	187.9
115	62.2	47.0	70.4

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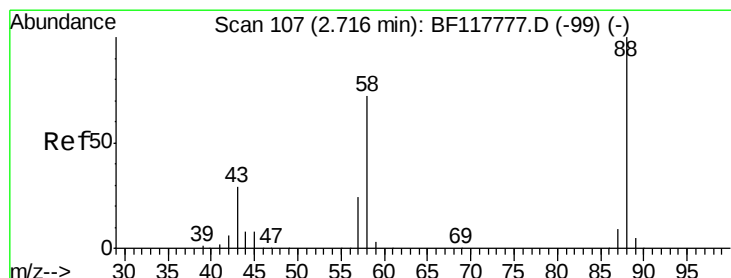
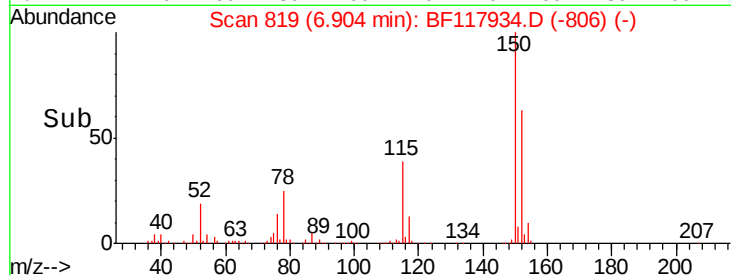
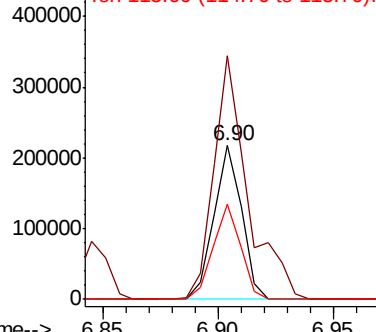


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

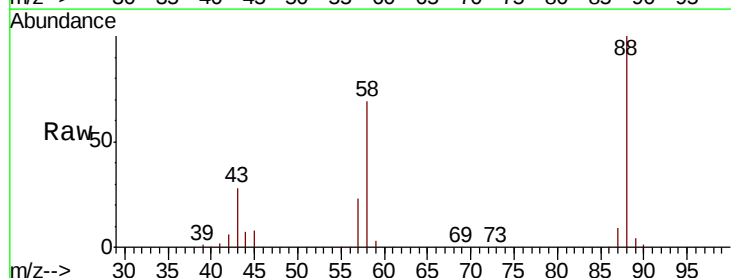
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.826 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.05 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	58.2	87.2
43	27.8	23.3	34.9

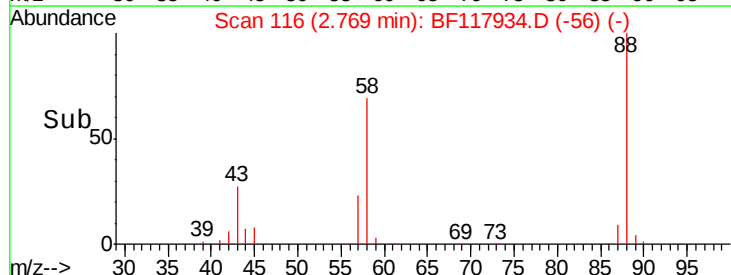
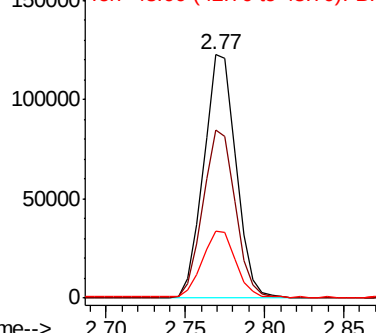


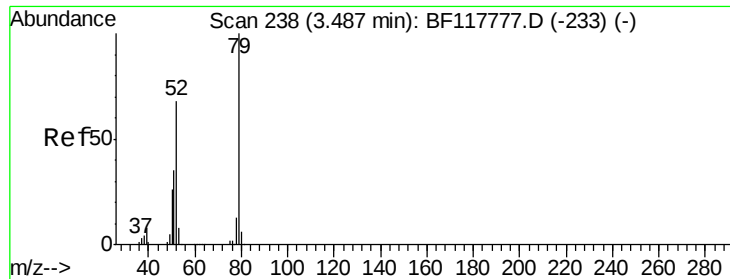
Abundance

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: 38.651 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.04 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

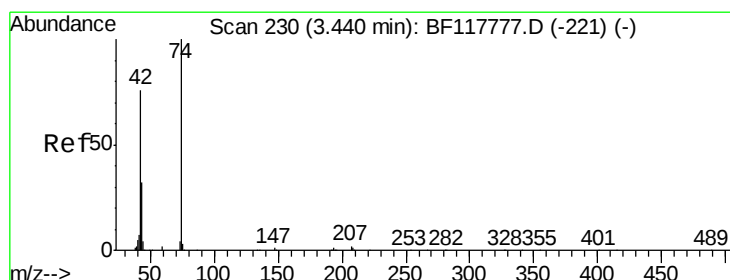
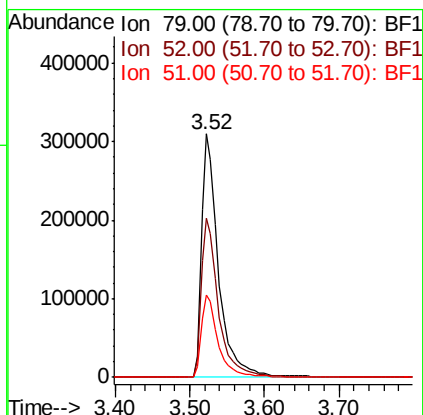
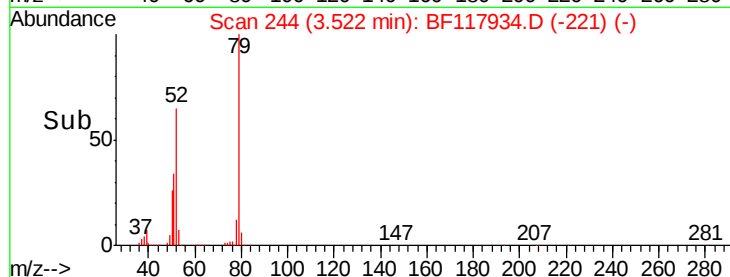
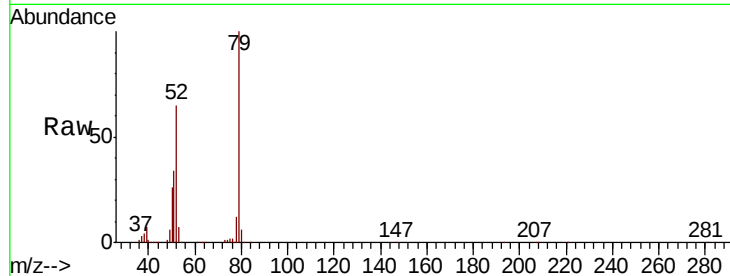
ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion:	79	Resp:	491762
Ion Ratio	Lower	Upper	
79	100		
52	65.1	54.8	82.2
51	33.8	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 44.504 ng

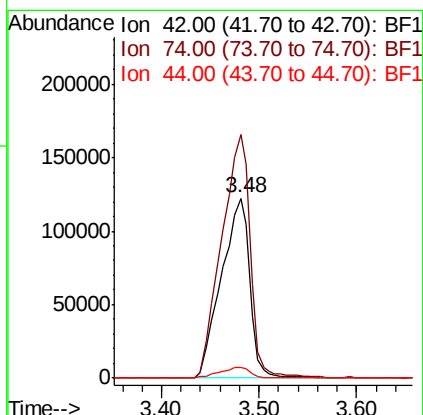
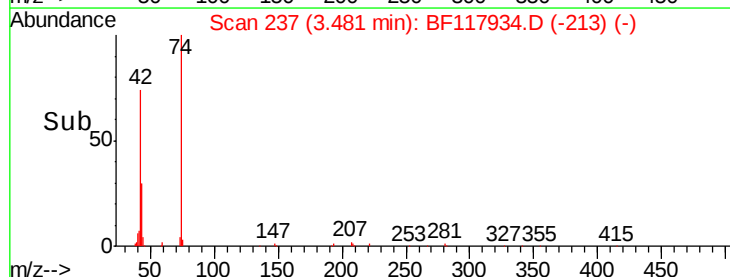
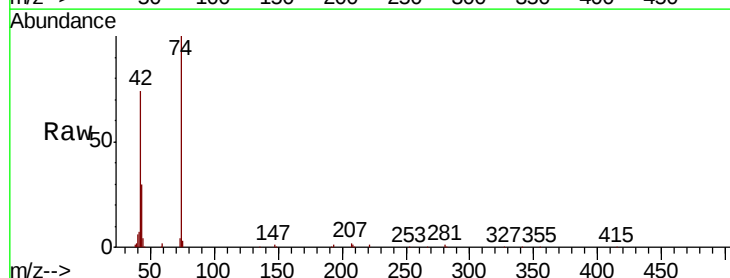
RT: 3.48 min Scan# 237

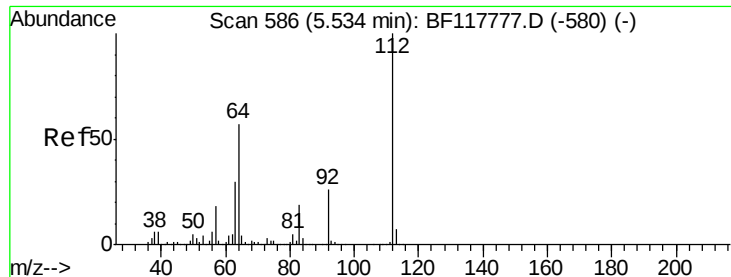
Delta R.T. 0.04 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Tgt Ion:	42	Resp:	247172
Ion Ratio	Lower	Upper	
42	100		
74	135.1	105.1	157.7
44	5.9	4.6	7.0





#5

2-Fluorophenol

Concen: 101.805 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion:112 Resp: 1056363

Ion Ratio Lower Upper

112 100

64 55.0 45.6 68.4

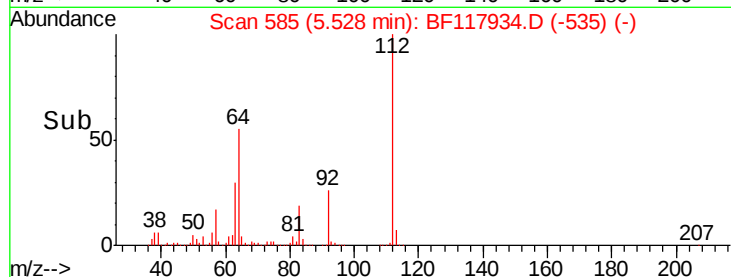
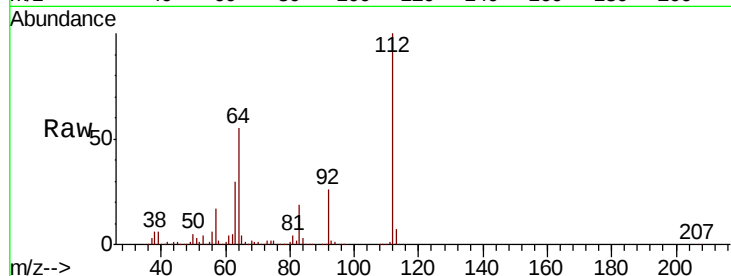
63 29.6 24.1 36.1

Manual Integrations

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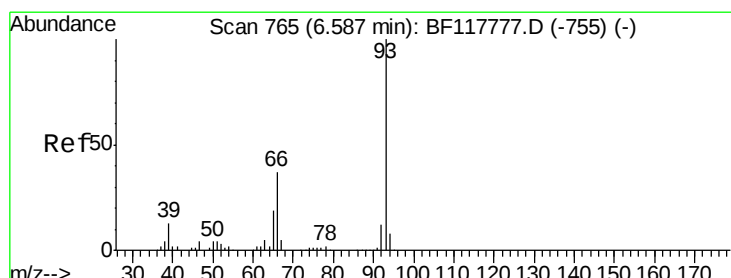
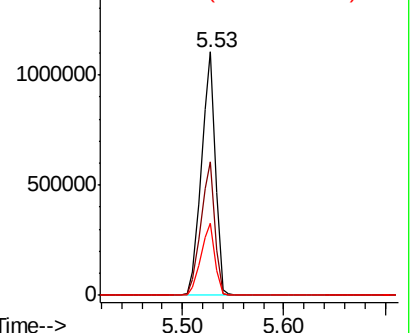
11/25/2019 8:19:36 AM



Abundance Ion 112.00 (111.70 to 112.70): B

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.369 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

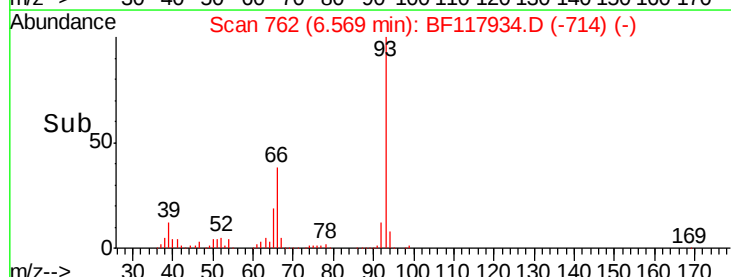
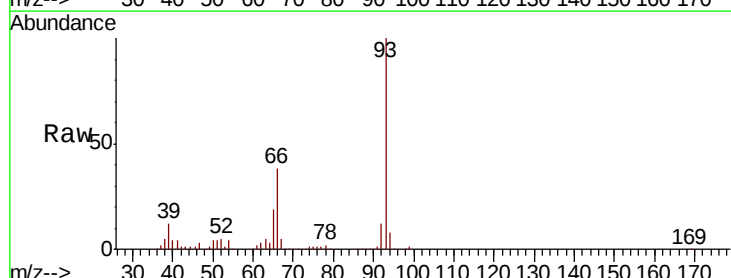
Tgt Ion: 93 Resp: 436109

Ion Ratio Lower Upper

93 100

66 38.2 30.6 45.8

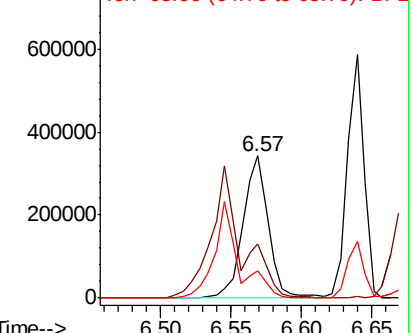
65 18.8 15.6 23.4

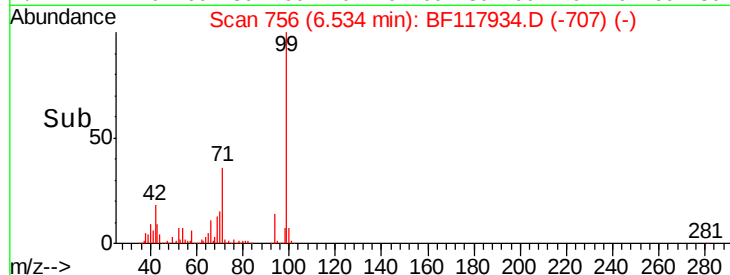
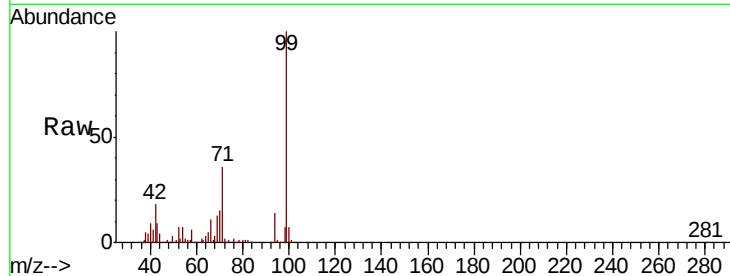
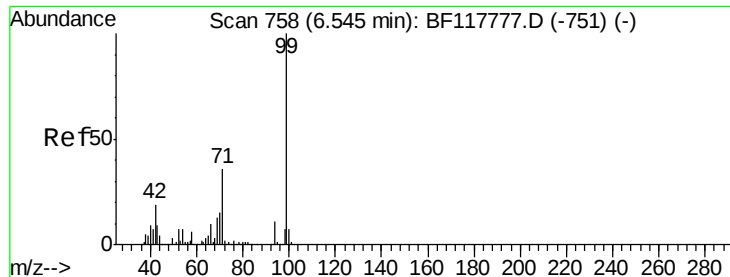


Abundance Ion 93.00 (92.70 to 93.70): BF1

800000 Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.106 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Tot Ion: 99 Resp: 1465649

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 36.5 28.6 43.0

Instrument :

BNA_F

ClientSampleId :

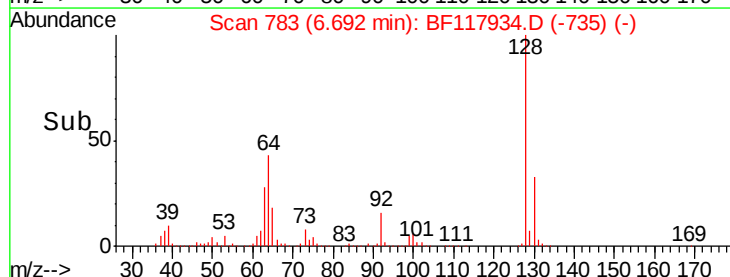
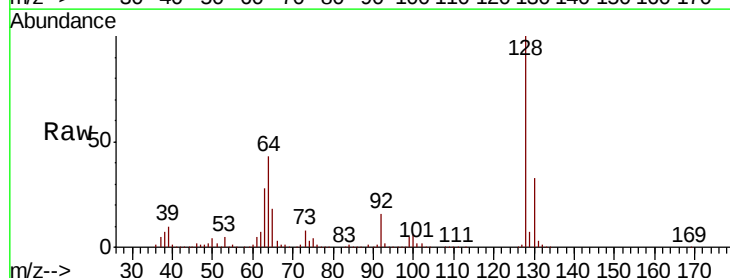
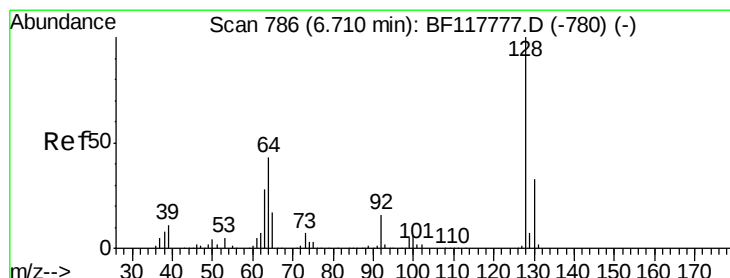
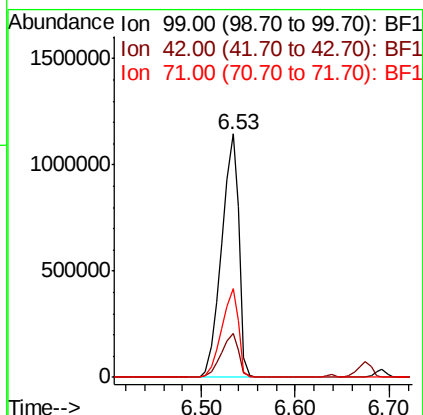
PHIPPS-BH-NE-02MSD

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#8

2-Chlorophenol

Concen: 49.954 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

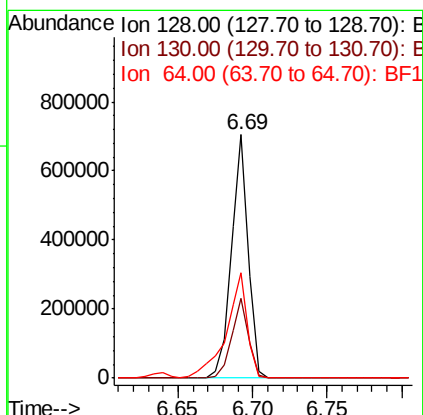
Tgt Ion:128 Resp: 562445

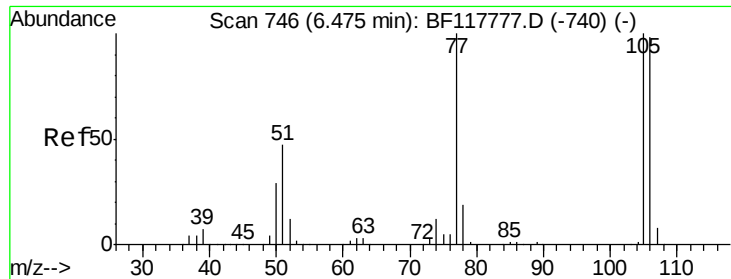
Ion Ratio Lower Upper

128 100

130 32.8 13.2 53.2

64 43.4 23.7 63.7





#9

Benzaldehyde

Concen: 28.340 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

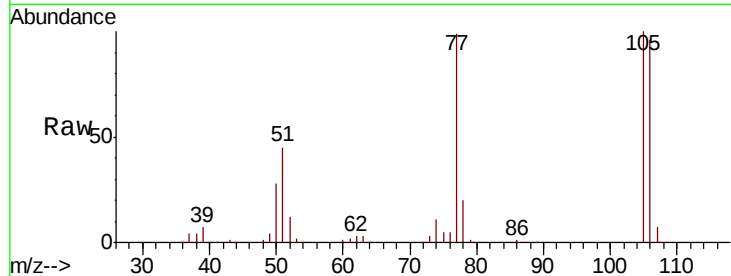
ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.2	120.2
106	97.1	78.4	118.4

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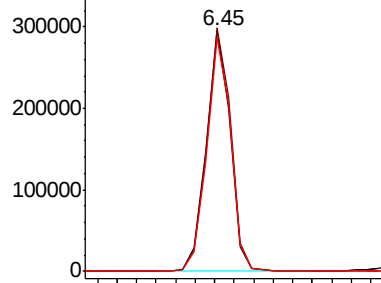


Abundance

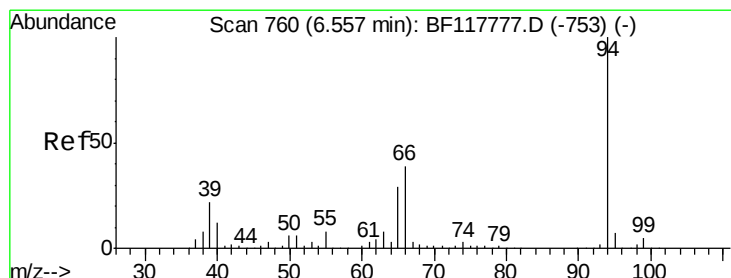
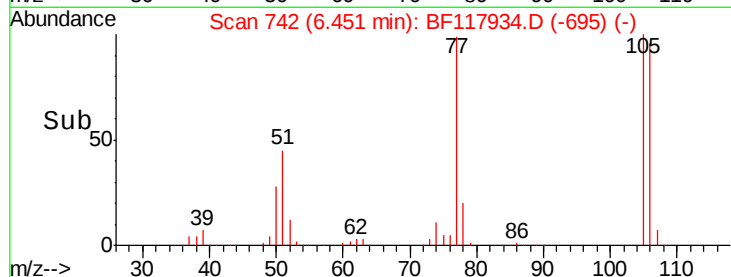
Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->



#10

Phenol

Concen: 55.313 ng

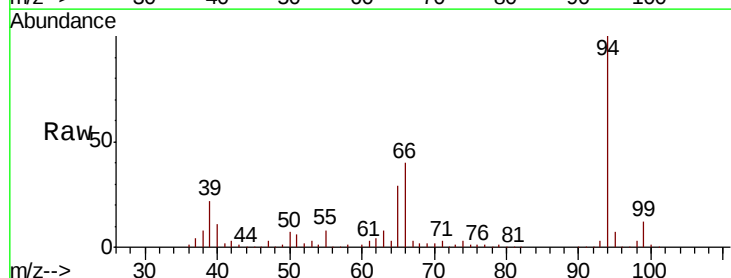
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.9	48.9
66	39.6	18.7	58.7

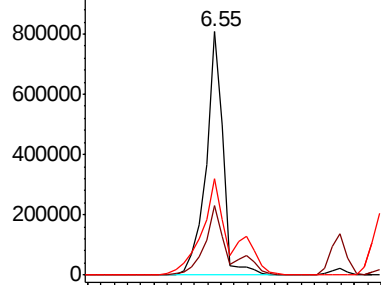


Abundance

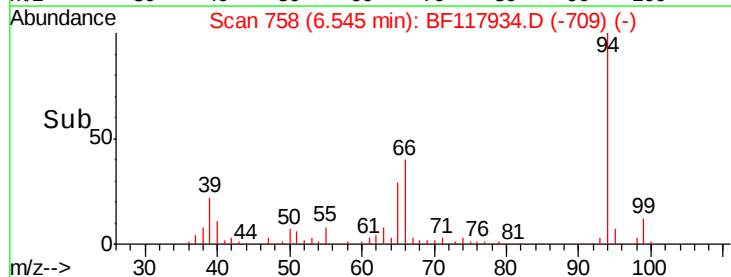
Ion 94.00 (93.70 to 94.70): BF1

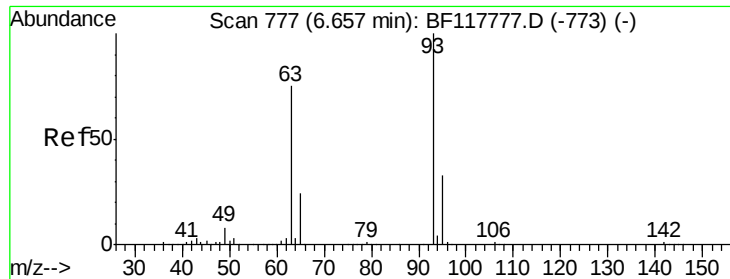
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->





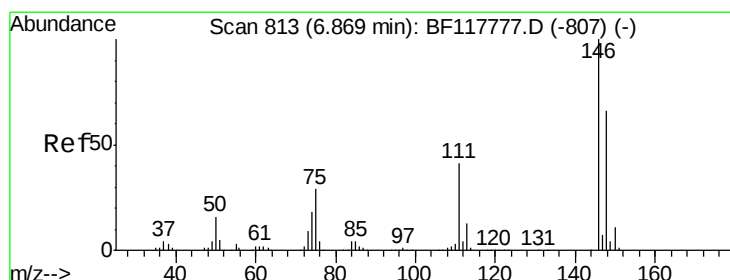
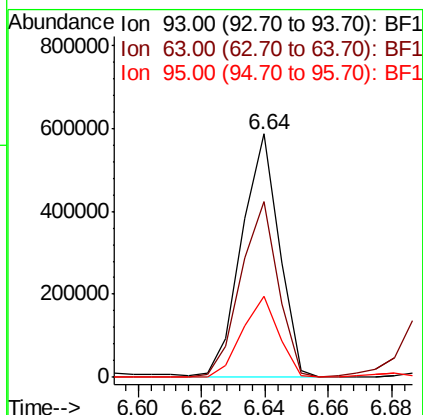
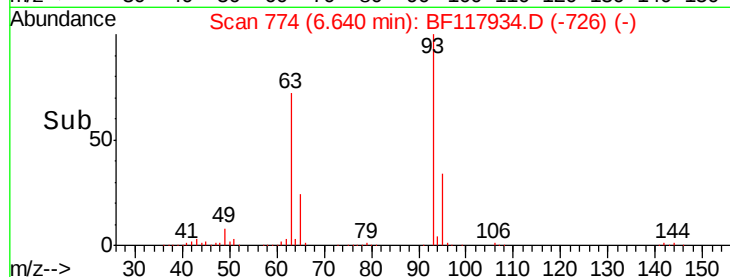
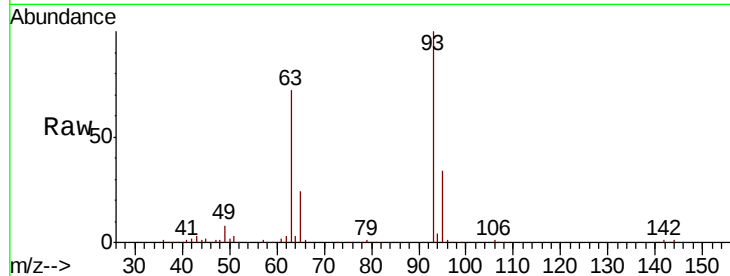
#11
bis(2-Chloroethyl)ether
Concen: 45.894 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	54.8	94.8
95	33.5	12.7	52.7

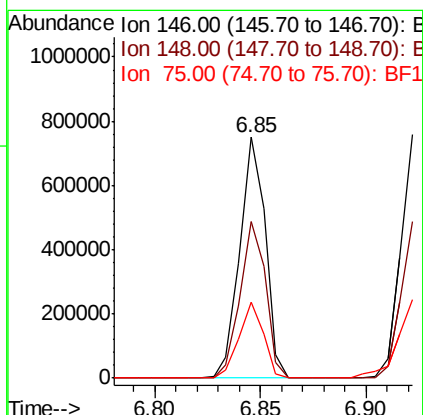
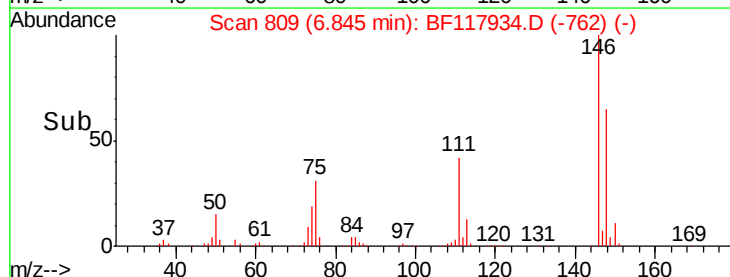
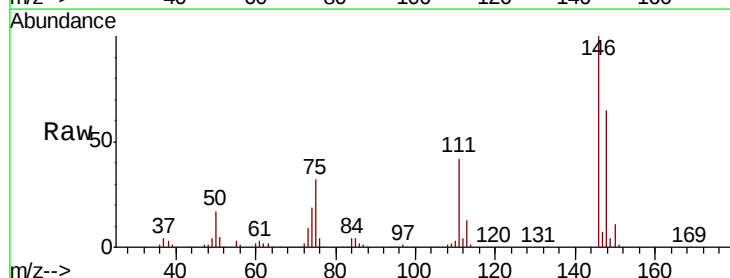
Manual Integrations
APPROVED

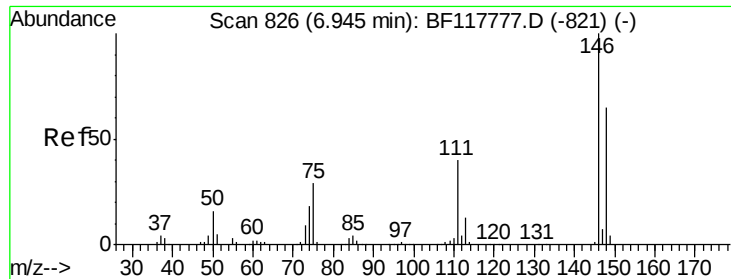
mohammad
11/25/2019 8:19:36 AM



#12
1,3-Dichlorobenzene
Concen: 47.289 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.8	79.2
75	31.7	23.4	35.0





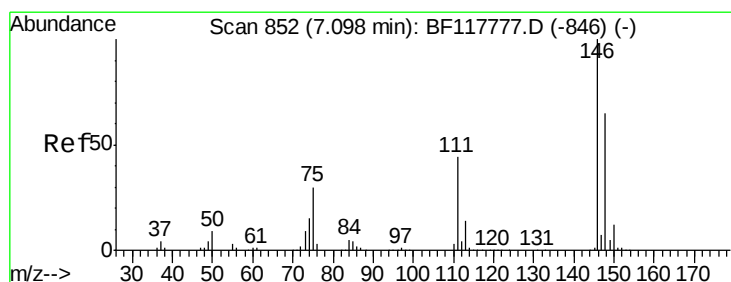
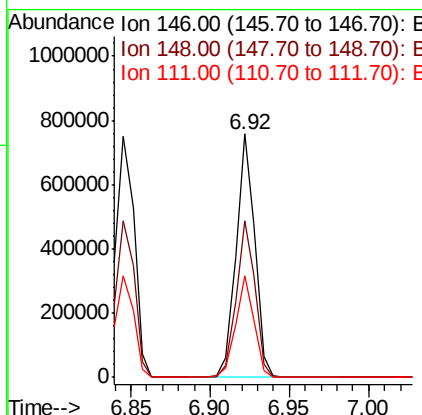
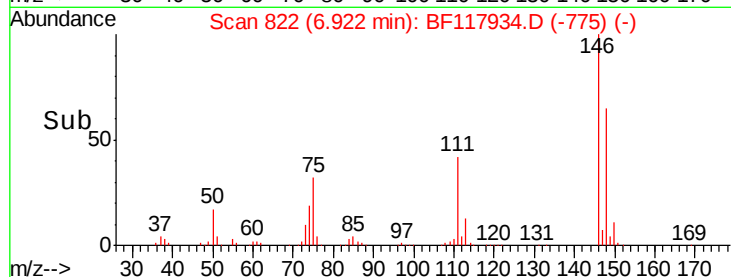
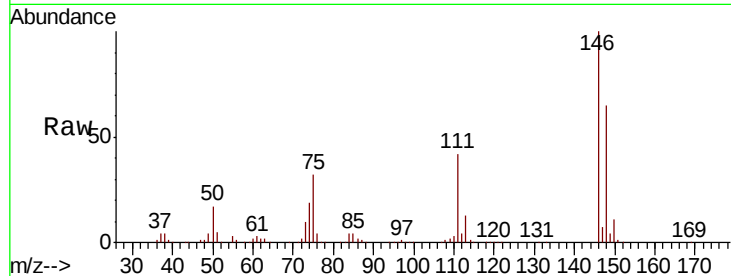
#13
 1,4-Dichlorobenzene
 Concen: 46.120 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	41.8	32.2	48.4

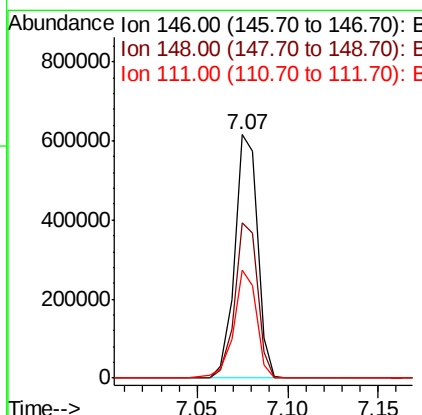
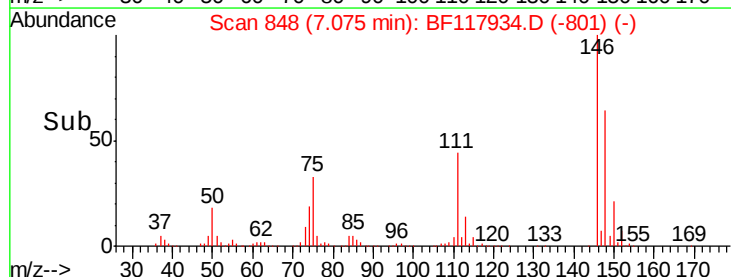
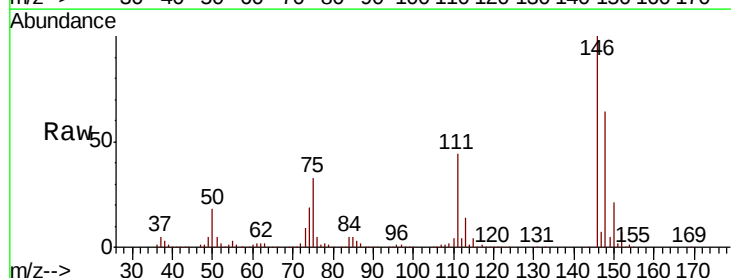
Manual Integrations
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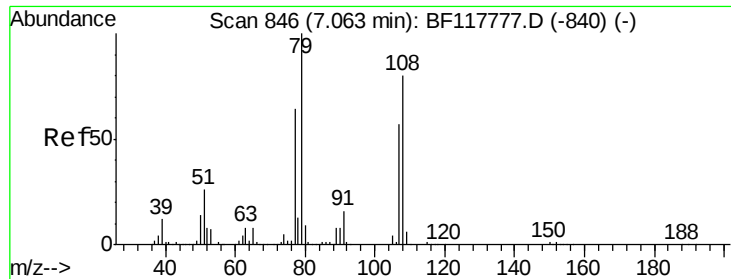
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.077 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
111	44.2	35.0	52.6





#15

Benzyl Alcohol

Concen: 50.854 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

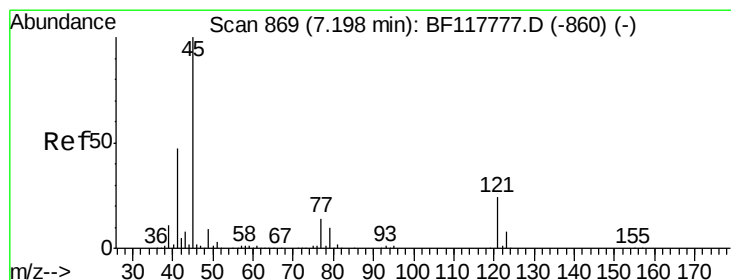
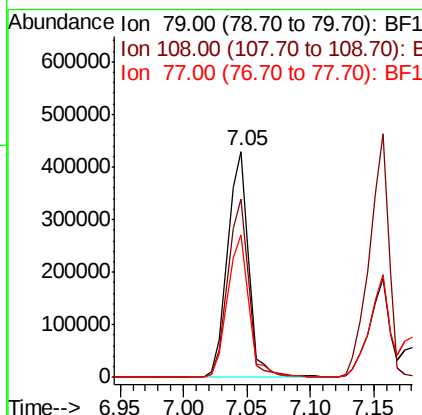
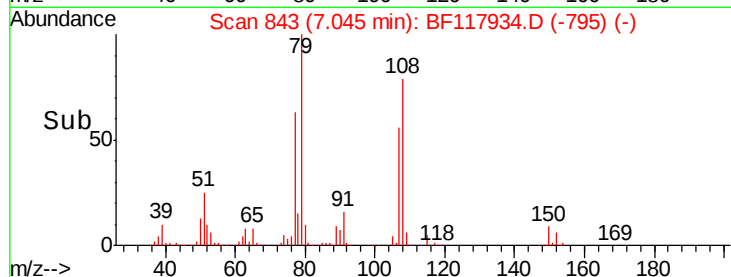
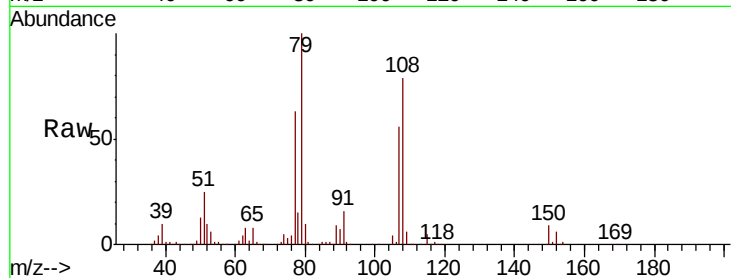
ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion:	79	Resp:	491384
Ion	Ratio	Lower	Upper
79	100		
108	78.9	64.1	96.1
77	63.3	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.532 ng

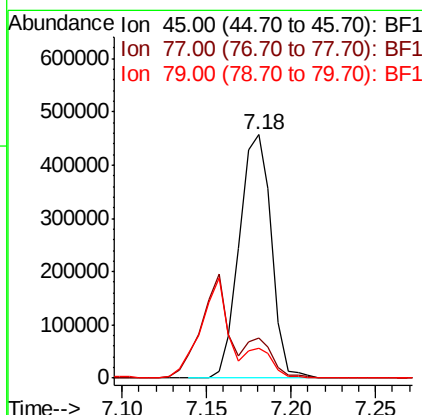
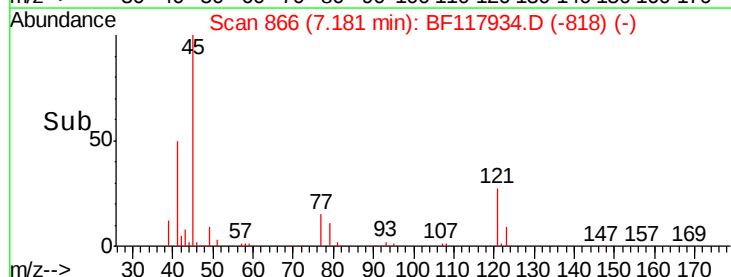
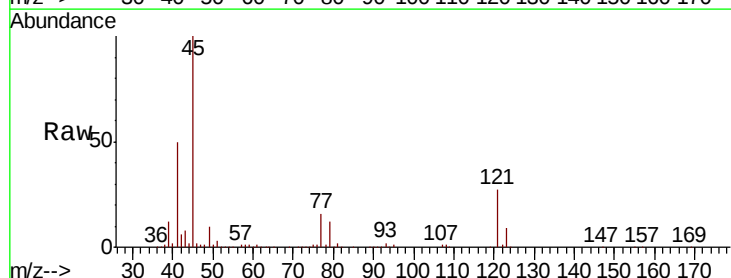
RT: 7.18 min Scan# 866

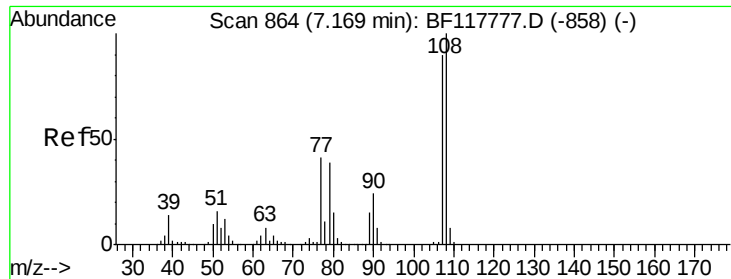
Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Tgt Ion:	45	Resp:	603501
Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	35.0
79	12.3	0.0	31.1





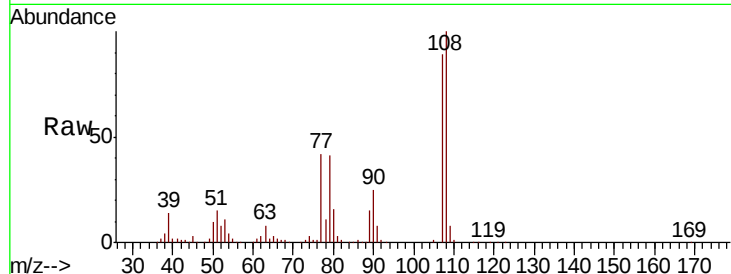
#17
2-Methylphenol
Concen: 45.351 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.1	133.7
77	47.1	36.6	54.8
79	45.6	35.2	52.8

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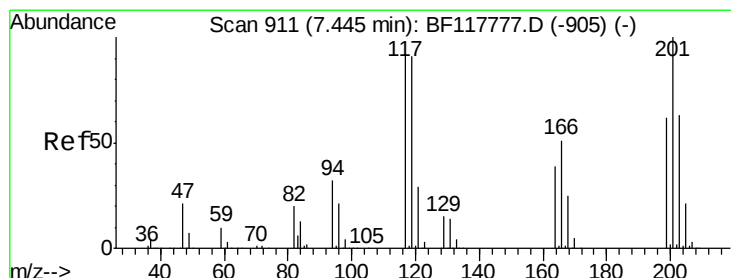
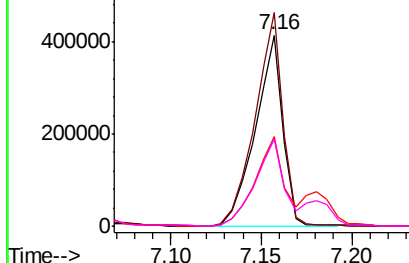
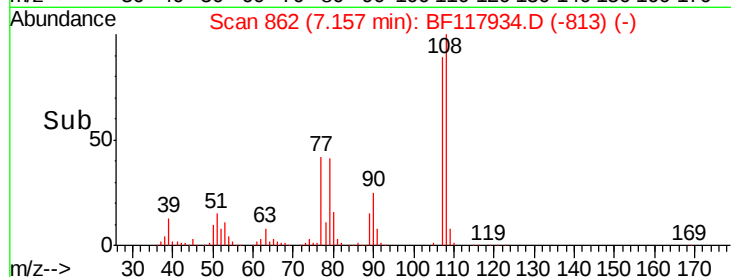
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

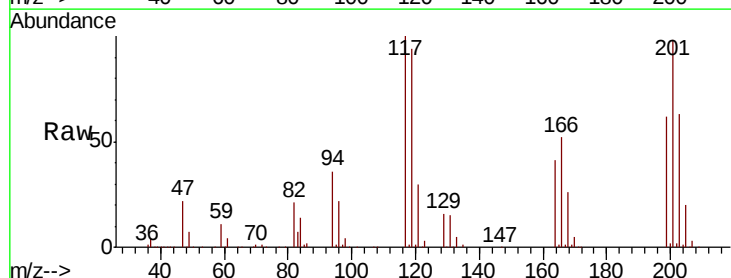
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.358 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.7	118.1
201	98.1	86.5	129.7

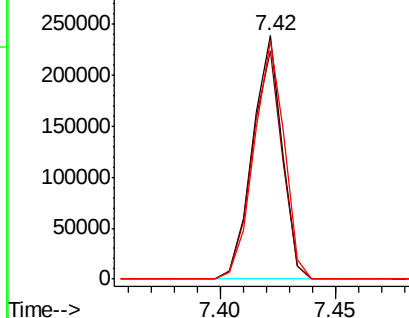
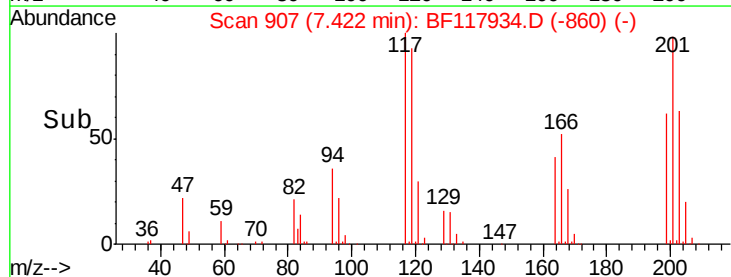


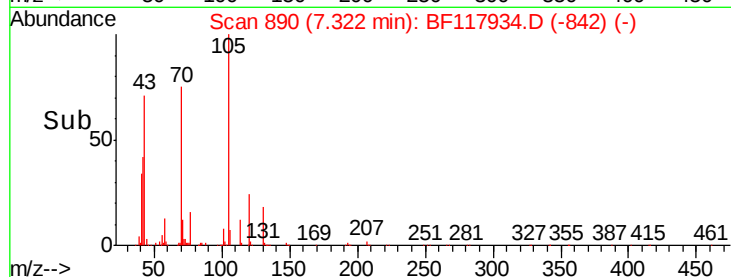
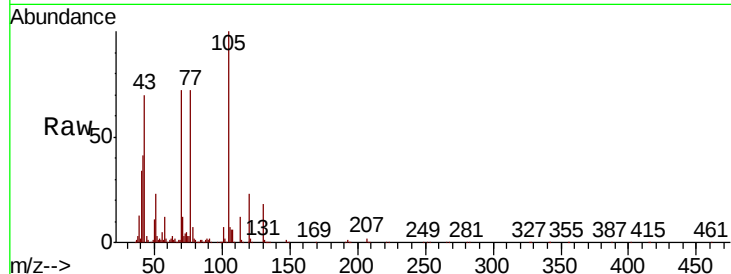
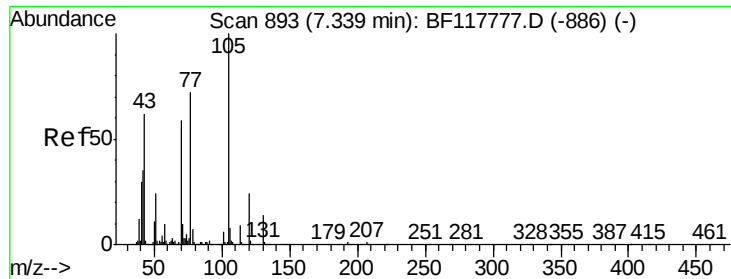
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





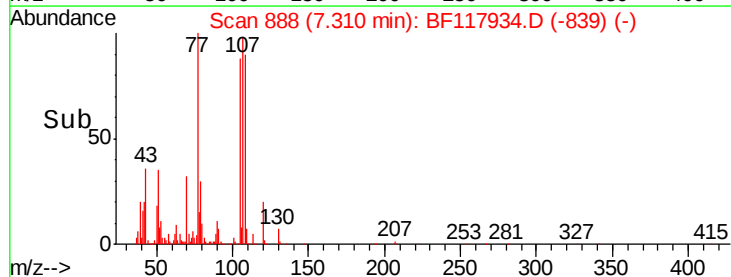
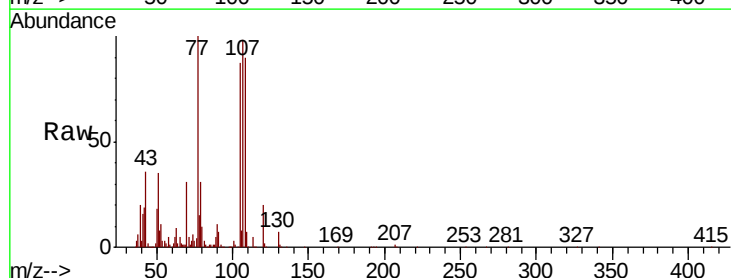
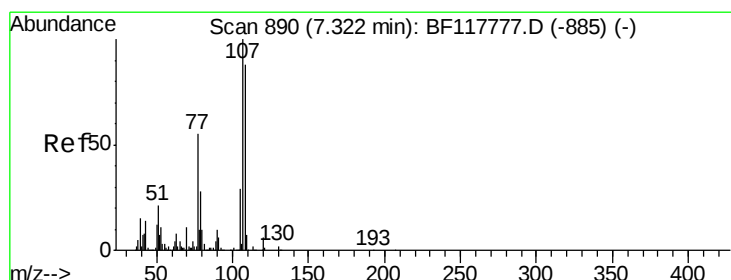
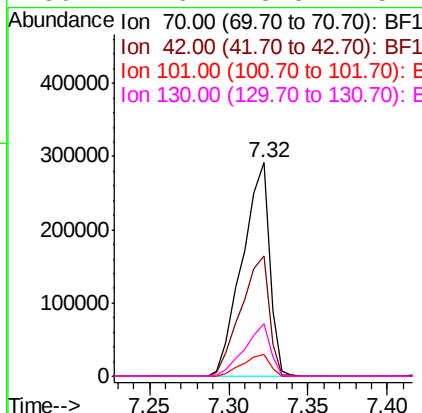
#19
n-Nitroso-di-n-propylamine
Concen: 45.178 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	47.4	71.2	
101	10.2	8.4	12.6	
130	24.6	18.8	28.2	

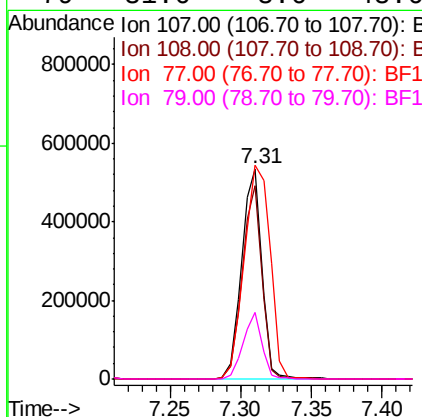
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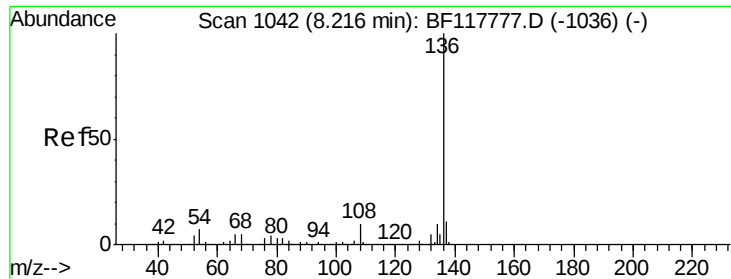
mohammad
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#20
3+4-Methylphenols
Concen: 44.809 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	68.4	108.4	
77	101.7	35.2	75.2#	
79	31.6	8.6	48.6	





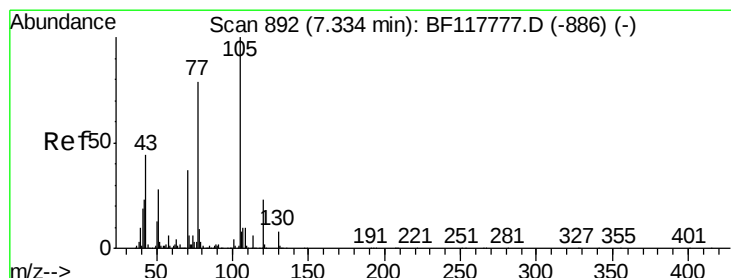
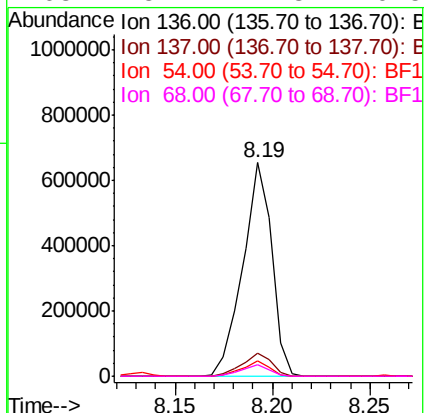
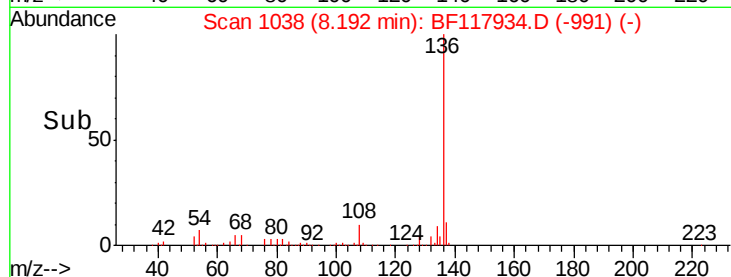
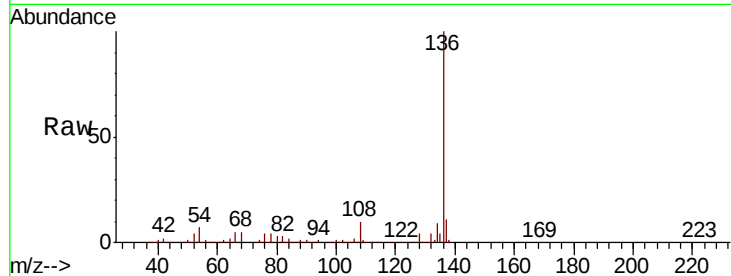
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		673047		
137	10.6	9.0	13.4		
54	7.1	5.4	8.2		
68	5.2	4.3	6.5		

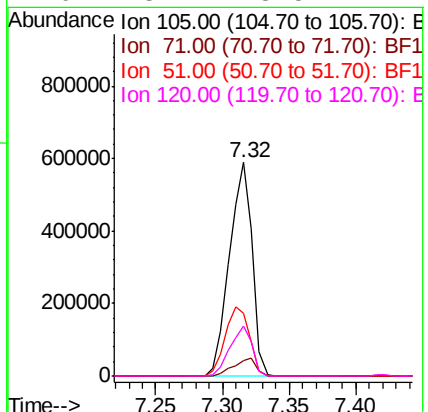
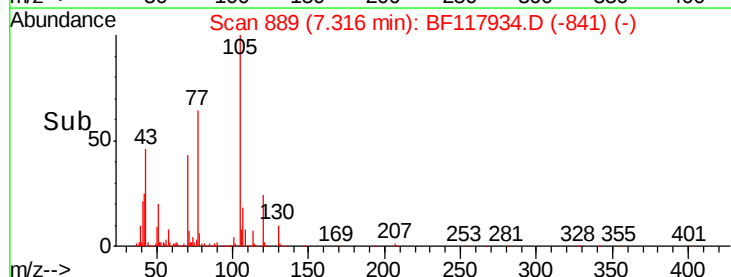
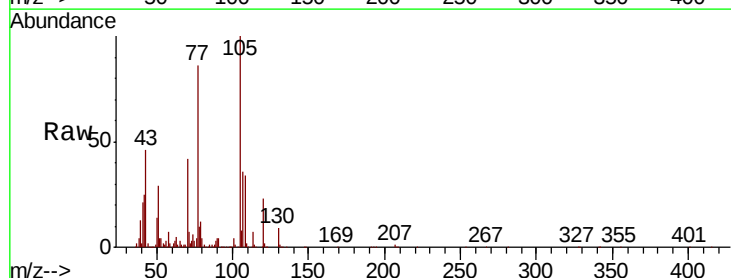
Manual Integrations
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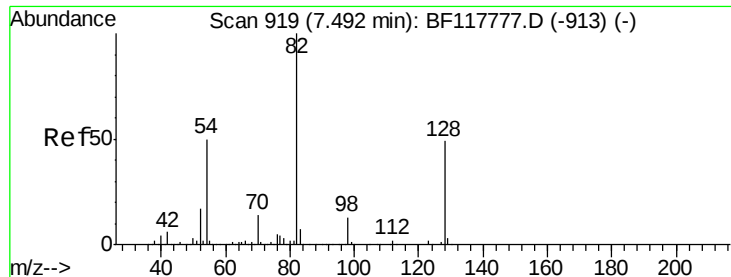
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#22
Acetophenone
Concen: 46.660 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		705565		
71	7.3	4.9	7.3		
51	29.1	22.7	34.1		
120	23.2	18.5	27.7		





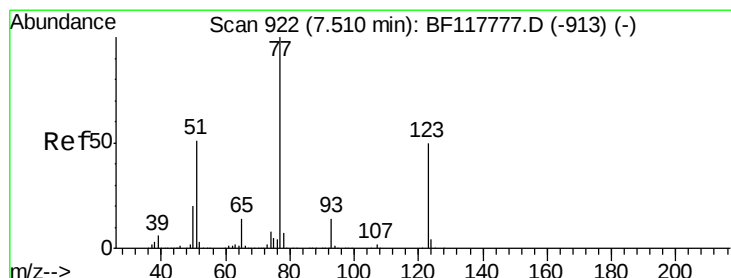
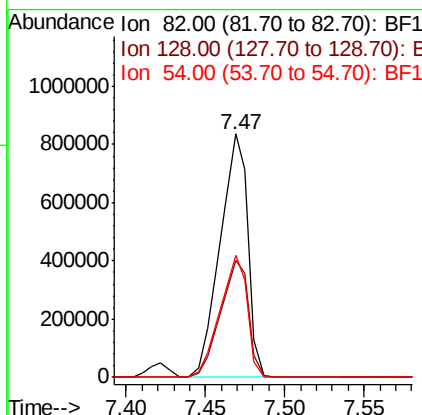
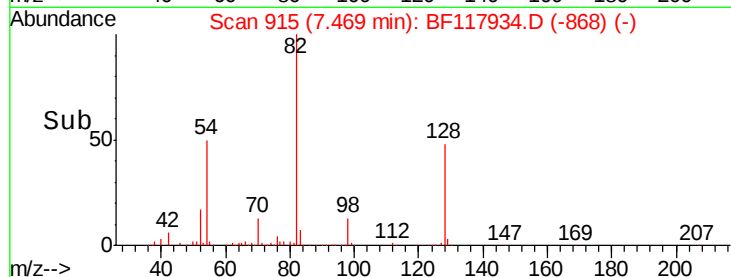
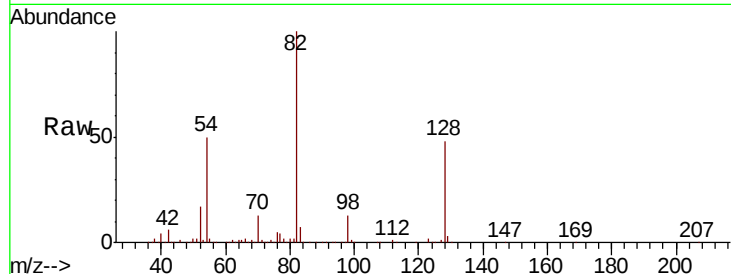
#23
 Nitrobenzene-d5
 Concen: 89.477 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.9	58.3
54	50.1	39.8	59.6

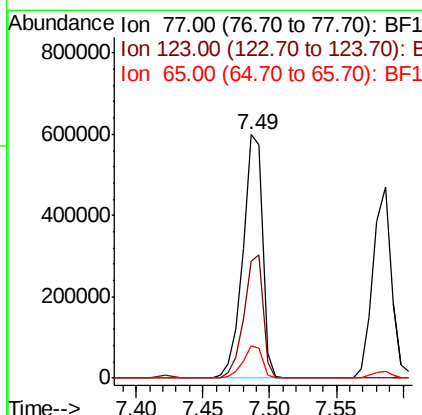
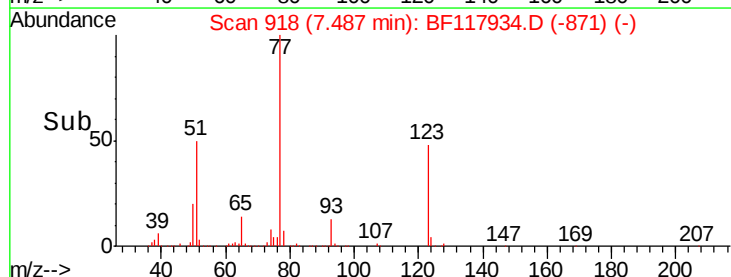
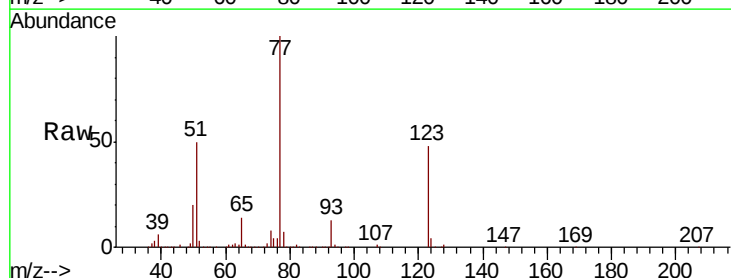
Manual Integrations
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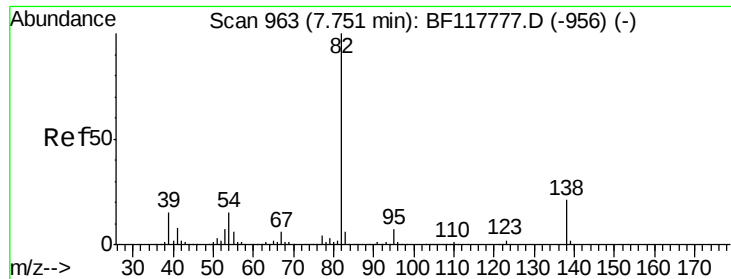
mohammad
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#24
 Nitrobenzene
 Concen: 51.976 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	40.3	60.5
65	13.5	10.9	16.3





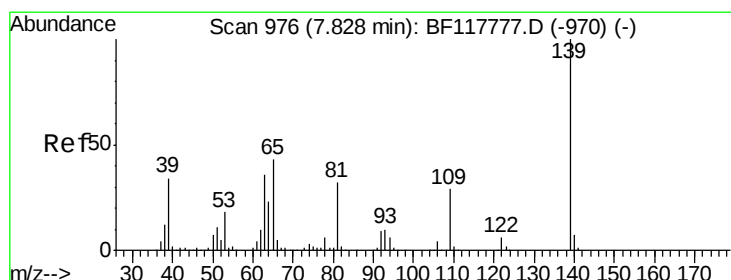
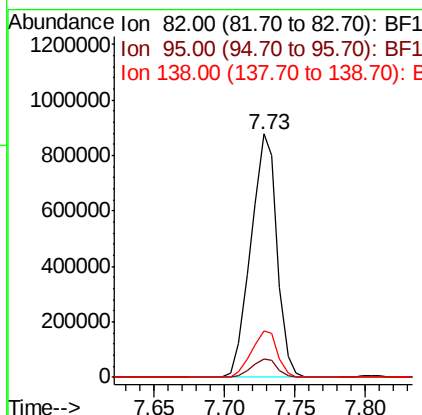
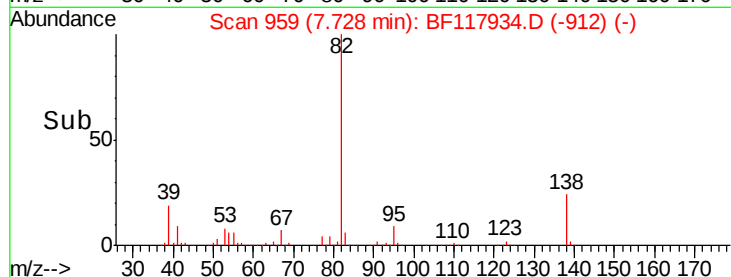
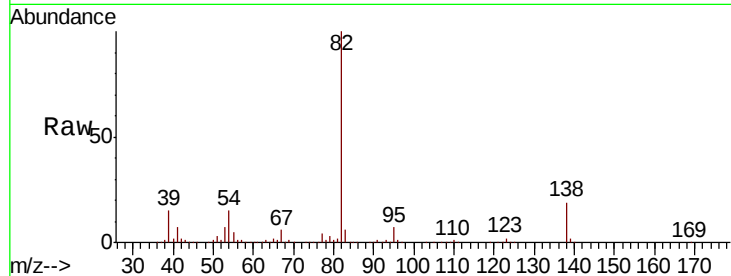
#25
Isophorone
Concen: 54.955 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion: 82 Resp: 1140397
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 19.0 16.5 24.7

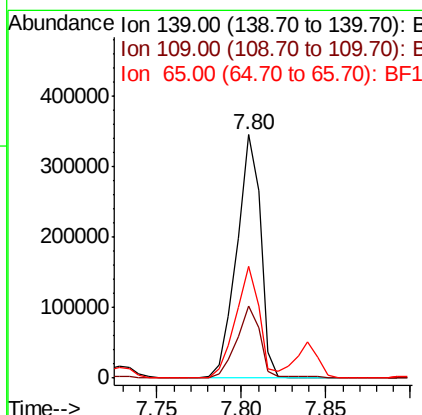
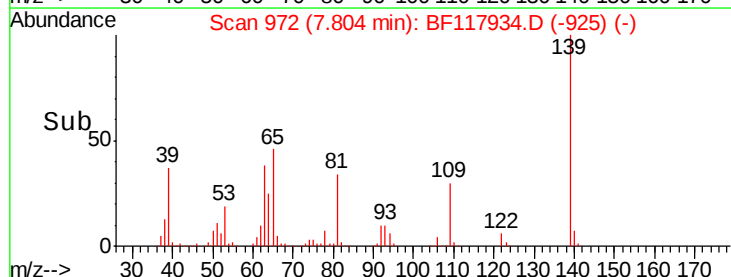
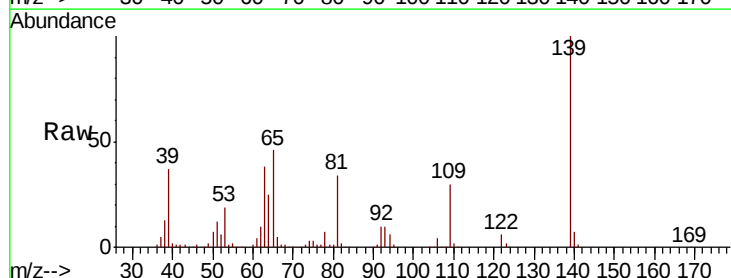
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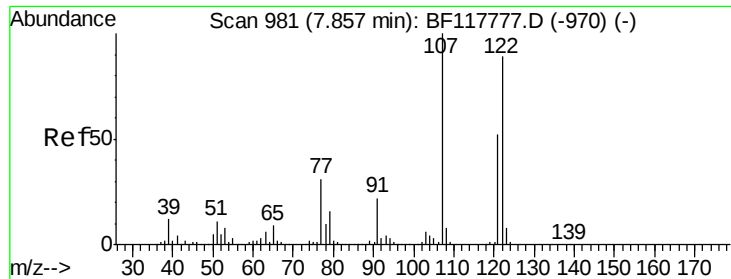
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#26
2-Nitrophenol
Concen: 59.772 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion: 139 Resp: 339806
Ion Ratio Lower Upper
139 100
109 29.6 23.0 34.4
65 46.0 34.7 52.1





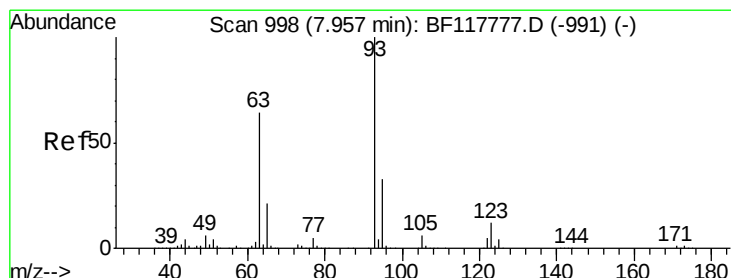
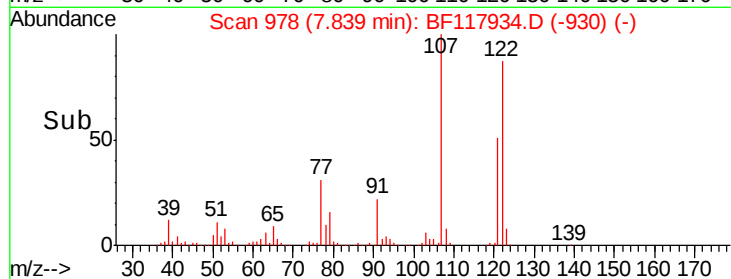
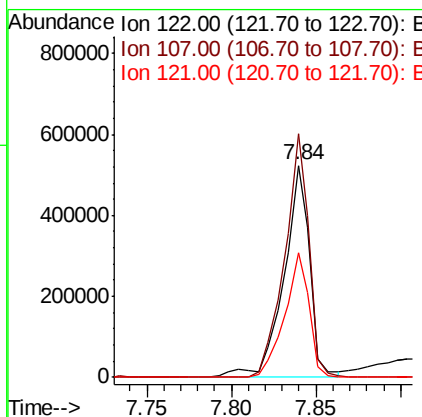
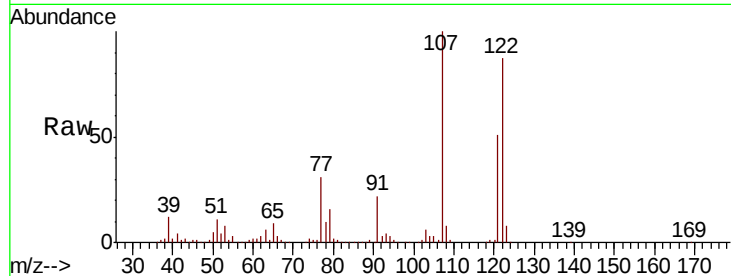
#27
2,4-Dimethylphenol
Concen: 63.173 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	558066		
107	115.0	90.0	135.0	
121	58.9	46.7	70.1	

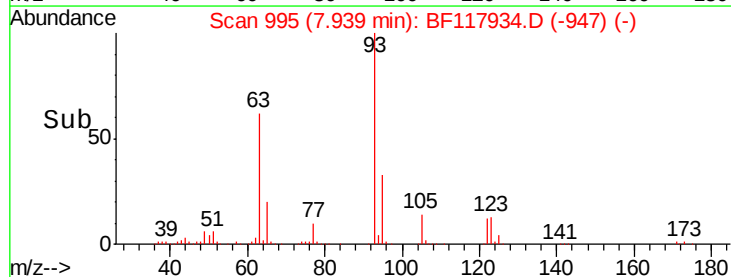
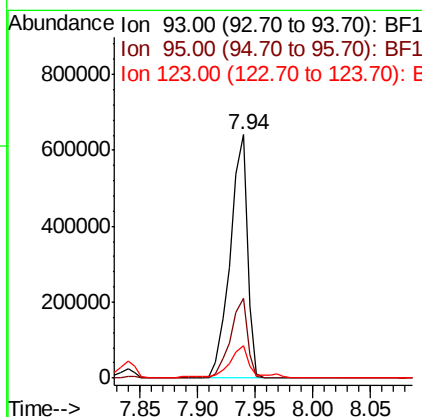
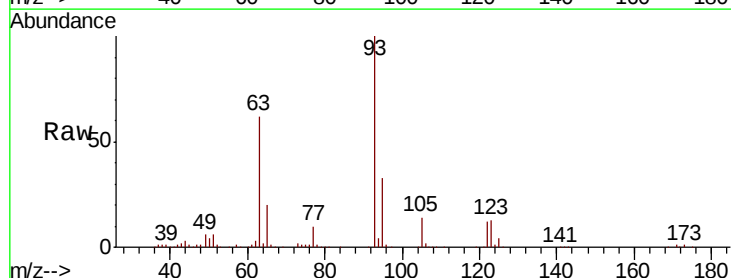
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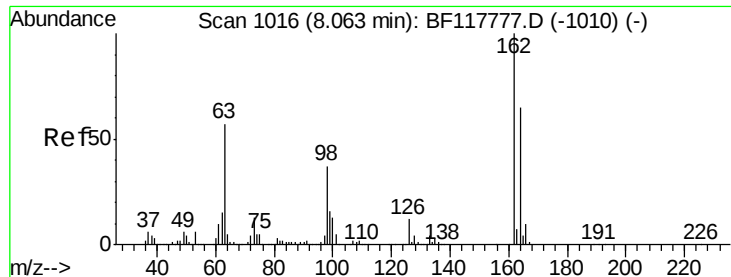
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#28
bis(2-Chloroethoxy)methane
Concen: 50.339 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	662887		
95	32.8	26.6	40.0	
123	13.3	10.3	15.5	





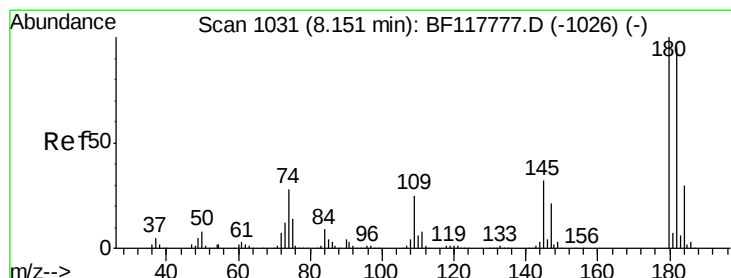
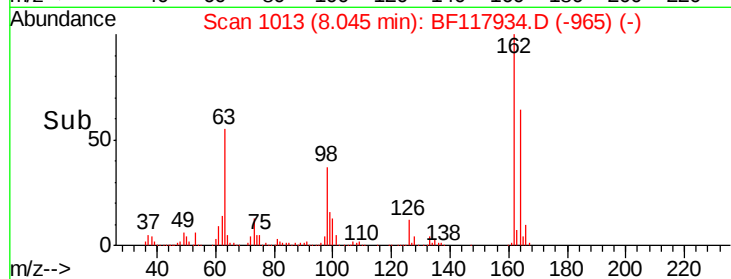
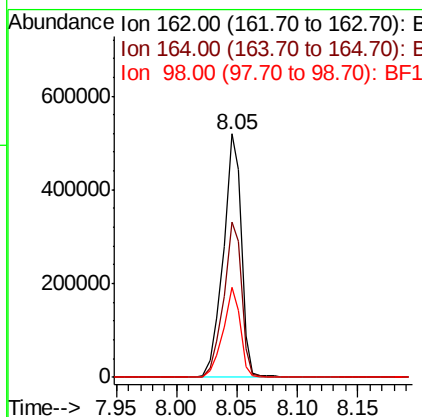
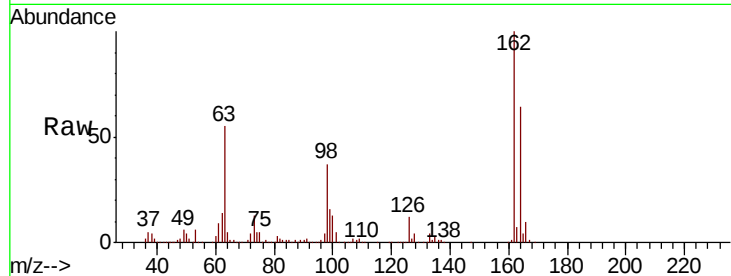
#29
2,4-Dichlorophenol
Concen: 56.182 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	45.1	85.1
98	36.8	17.2	57.2

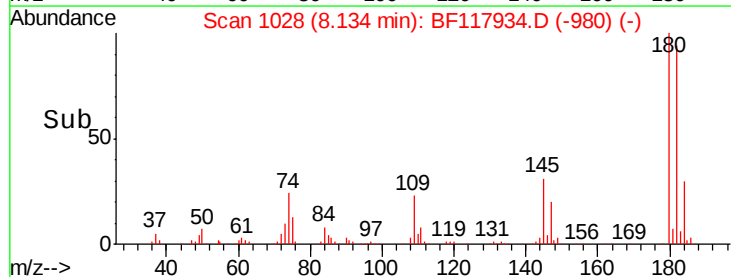
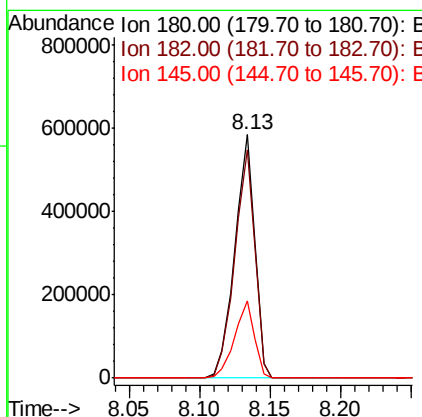
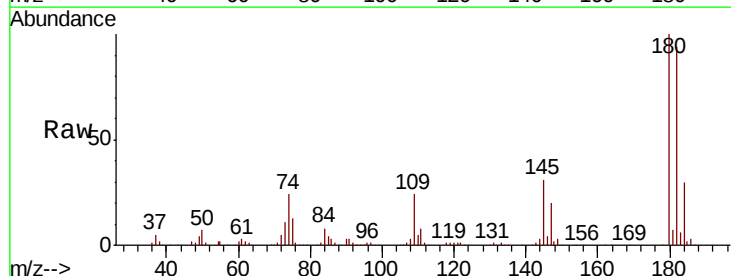
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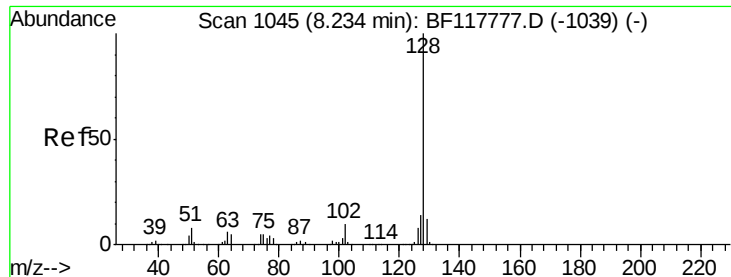
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#30
1,2,4-Trichlorobenzene
Concen: 51.898 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	75.8	113.6
145	31.5	25.5	38.3





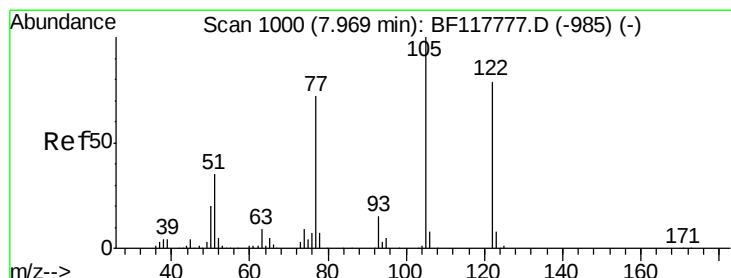
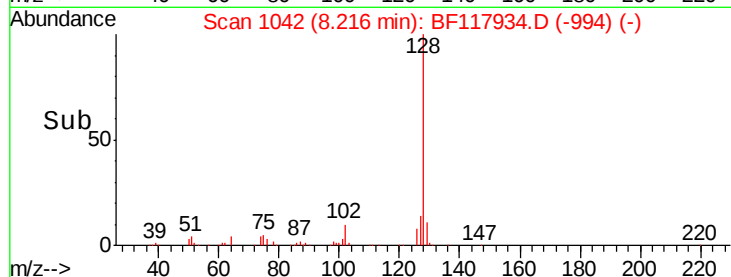
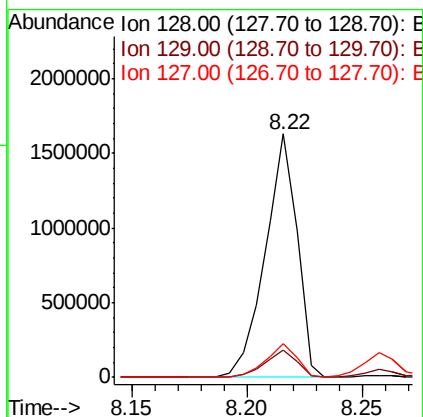
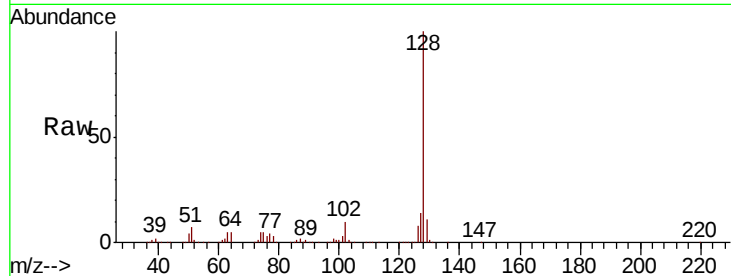
#31
Naphthalene
Concen: 49.678 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.6	11.3	16.9

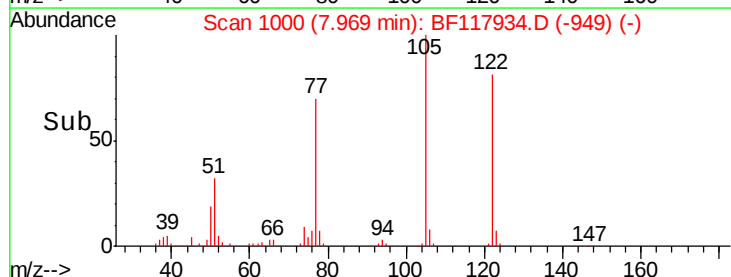
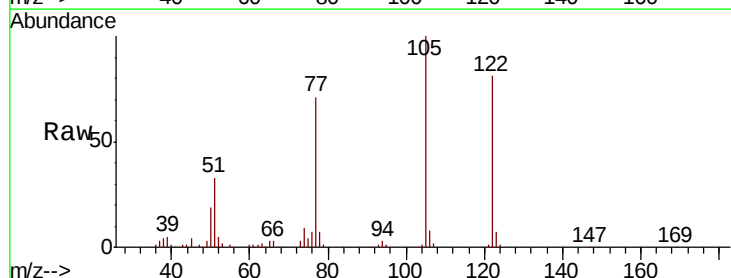
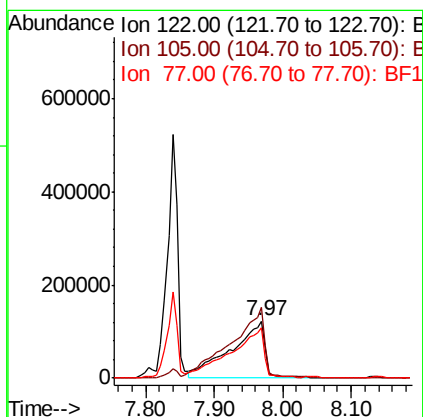
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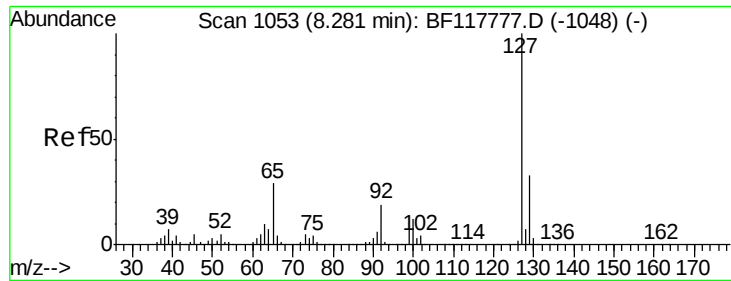
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#32
Benzoic acid
Concen: 56.731 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	102.7	142.7
77	87.4	70.5	110.5





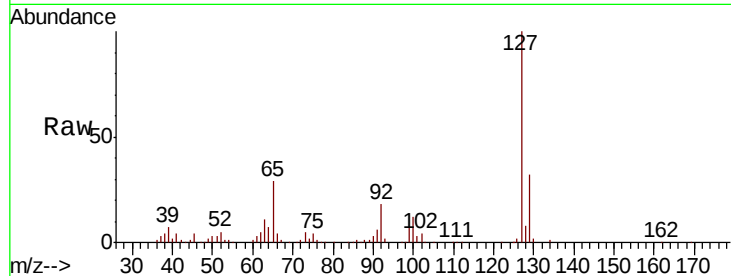
#33
4-Chloroaniline
Concen: 13.092 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

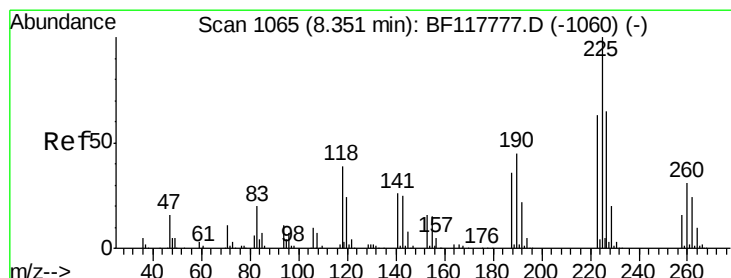
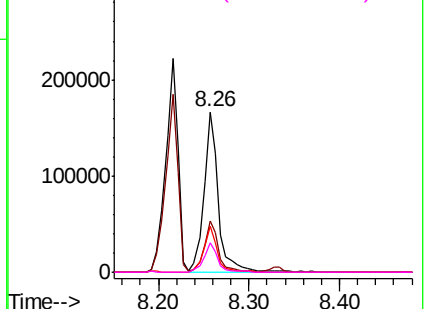
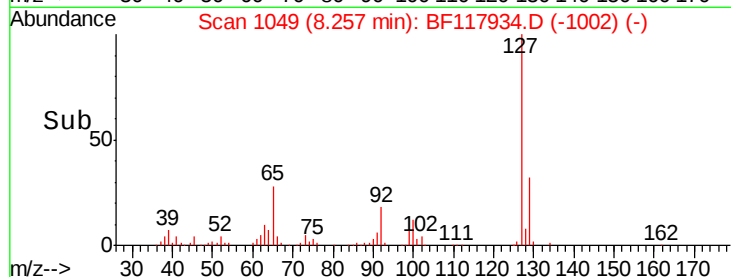
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		183894		
129	32.1	26.5	39.7		
65	28.5	22.9	34.3		
92	18.4	15.0	22.6		

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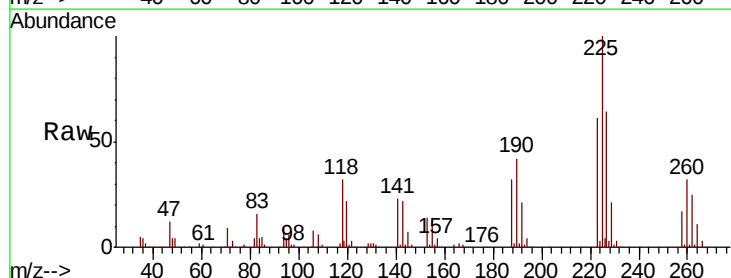


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

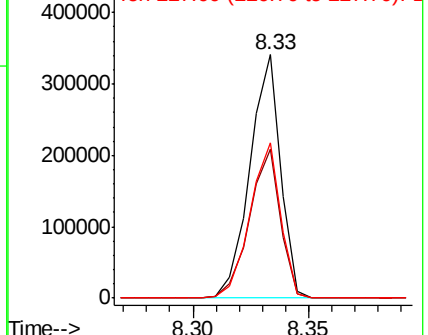
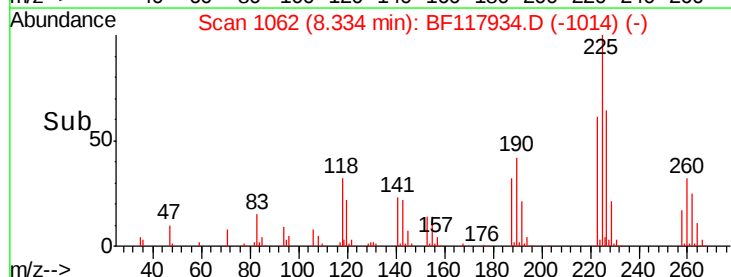


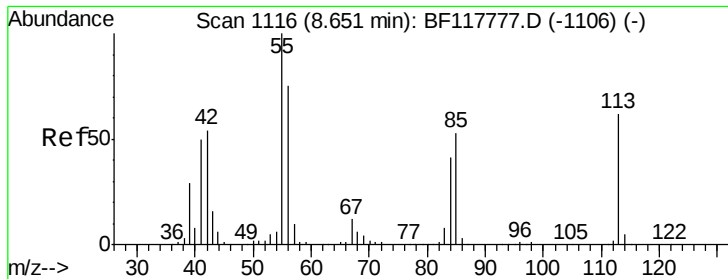
#34
Hexachlorobutadiene
Concen: 48.624 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		315982		
223	61.2	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





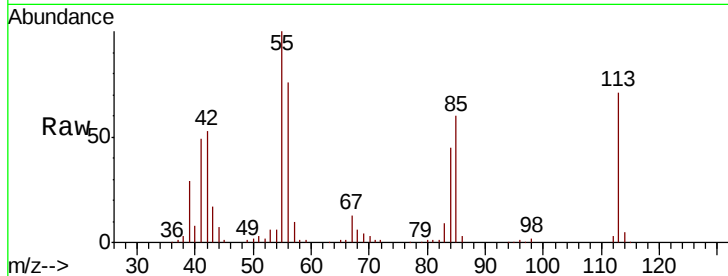
#35
Caprolactam
Concen: 55.378 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.6	141.1	181.1#
56	107.4	100.5	140.5

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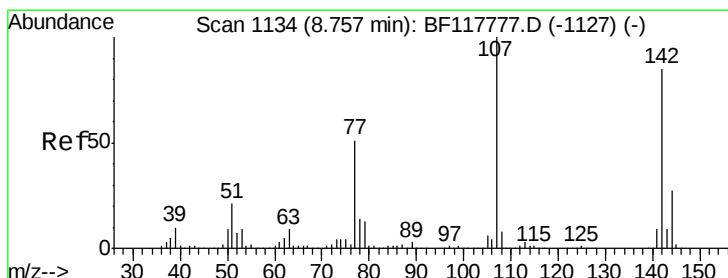
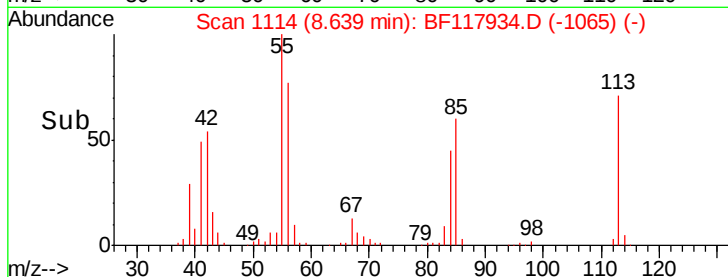
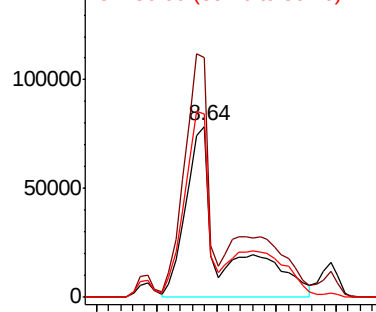


Abundance

Ion 113.00 (112.70 to 113.70): E

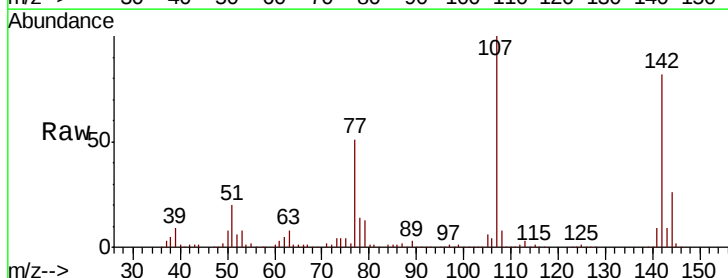
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 57.577 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.9	32.9
142	82.0	67.7	101.5

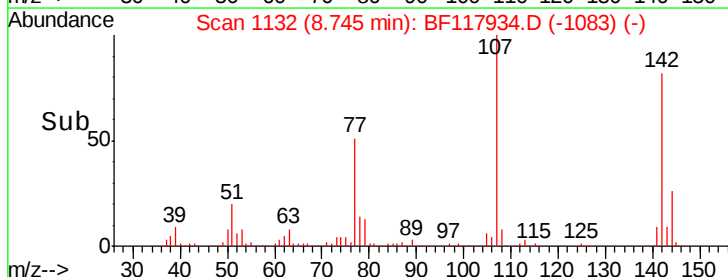
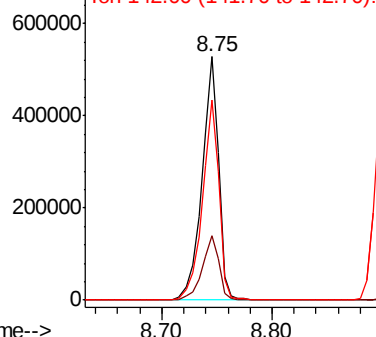


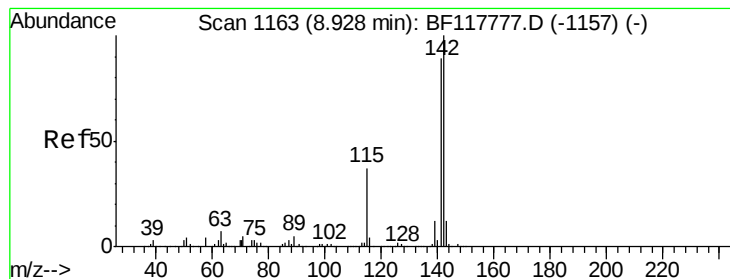
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





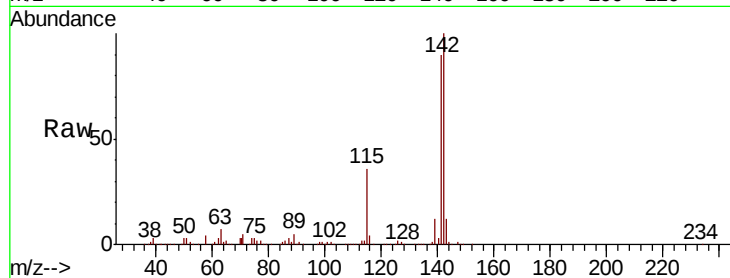
#37
2-Methylnaphthalene
Concen: 57.793 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7
115	36.4	29.2	43.8

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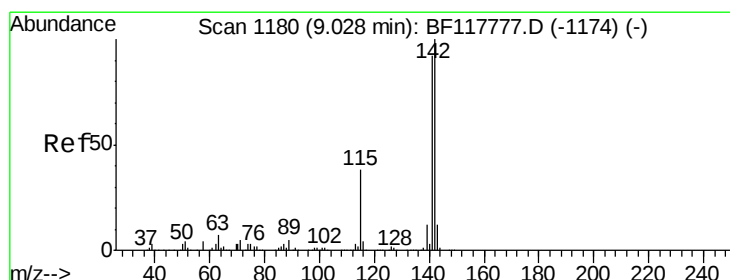
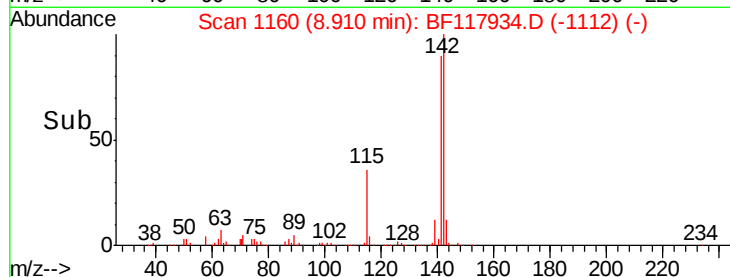
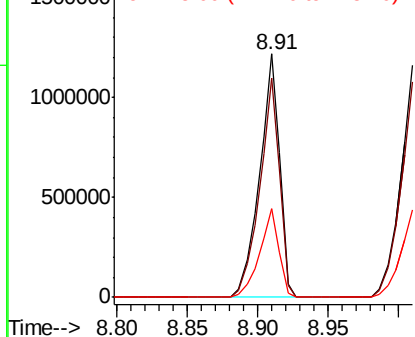


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 57.263 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

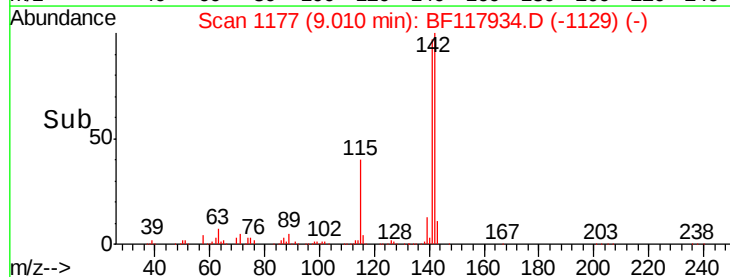
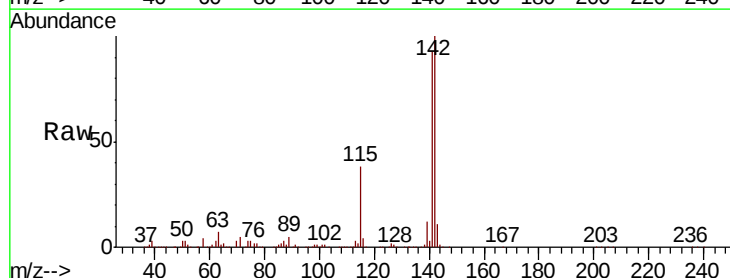
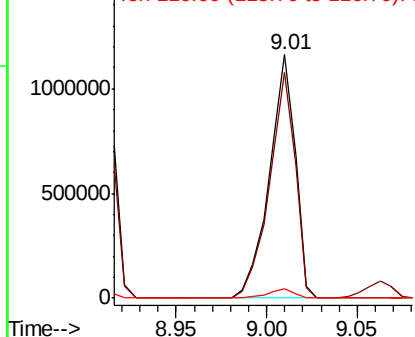
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.5	110.3
116	4.0	3.2	4.8

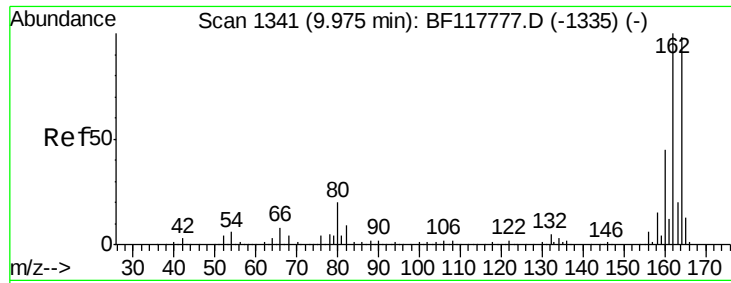
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





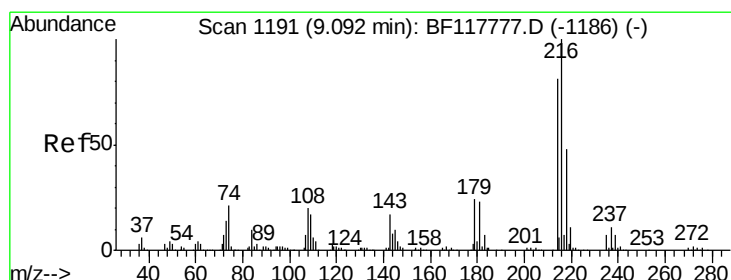
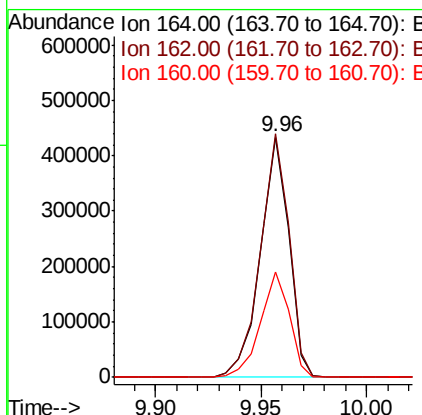
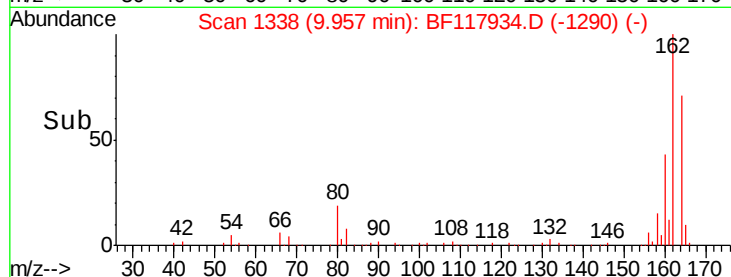
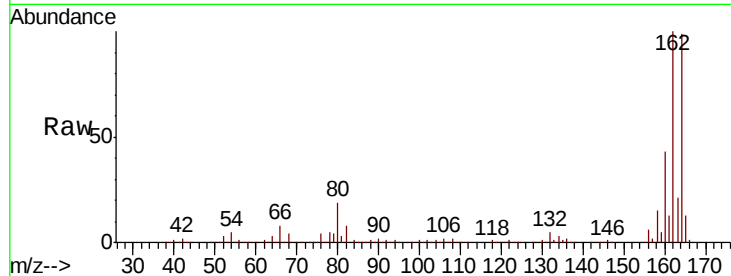
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.3	121.9	
160	43.7	36.6	55.0	

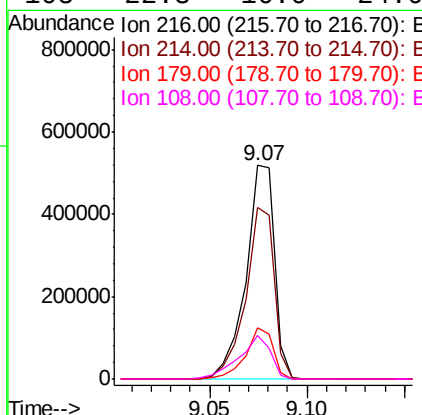
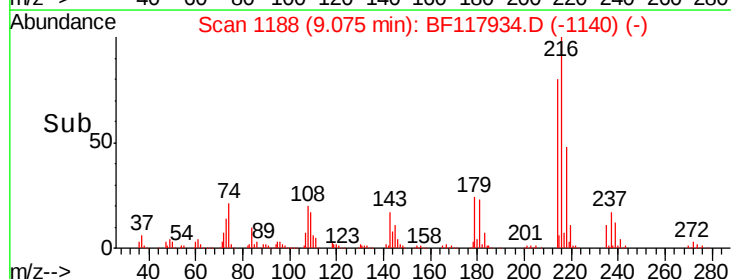
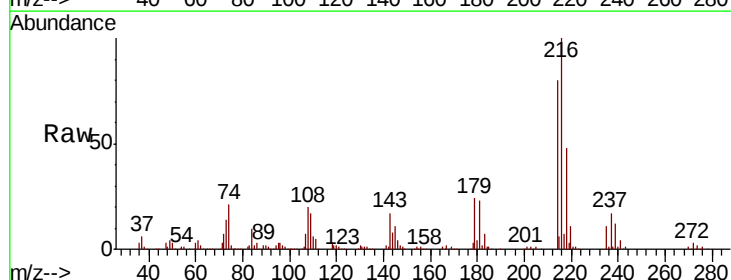
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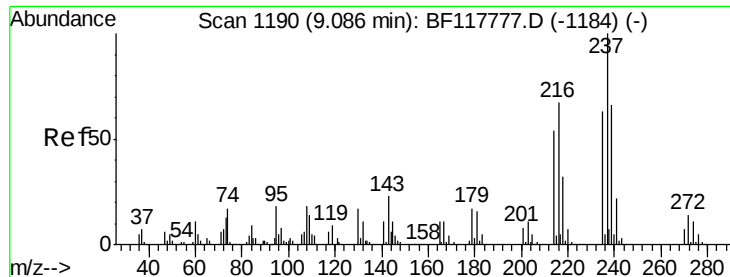
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.449 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.4	95.0	
179	22.9	18.2	27.4	
108	22.3	16.0	24.0	





#41

Hexachlorocyclopentadiene

Concen: 102.361 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

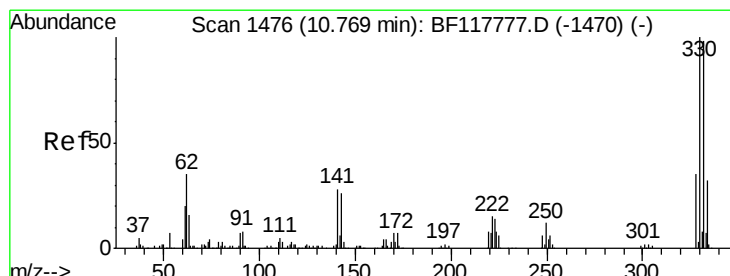
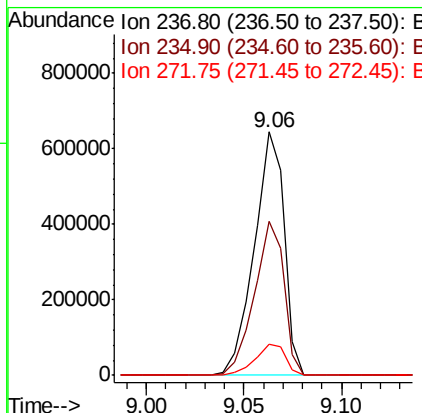
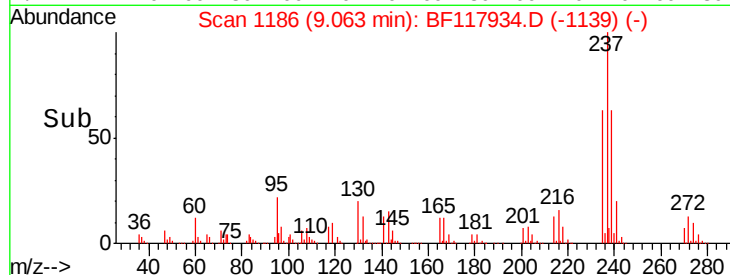
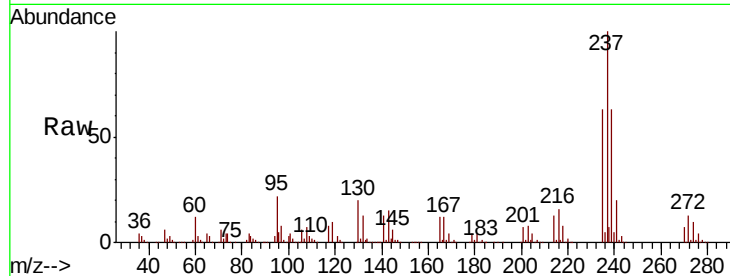
ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion:	237	Resp:	682937
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.6	82.6
272	12.7	0.0	34.3

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#42

2,4,6-Tribromophenol

Concen: 94.412 ng

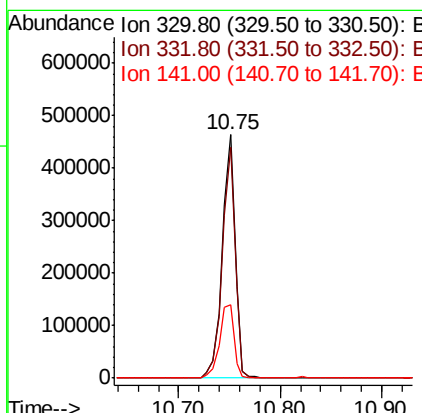
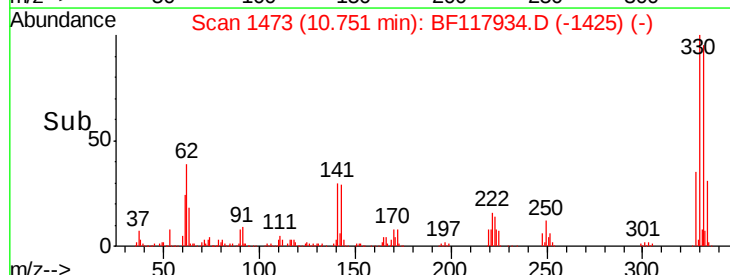
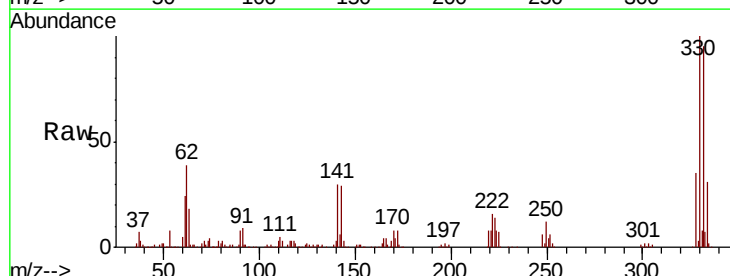
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Tgt Ion:	330	Resp:	409763
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.7	115.1
141	34.2	27.7	41.5





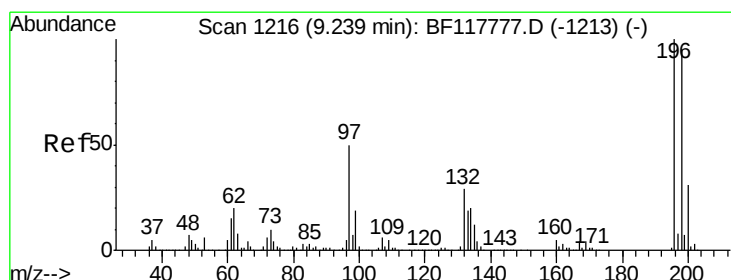
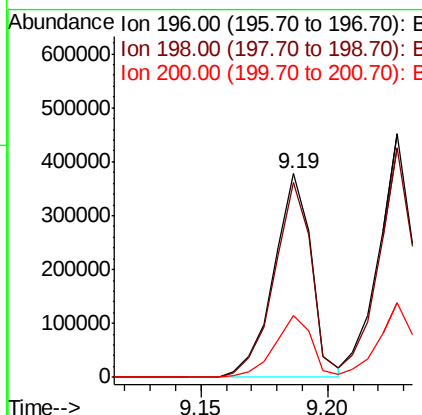
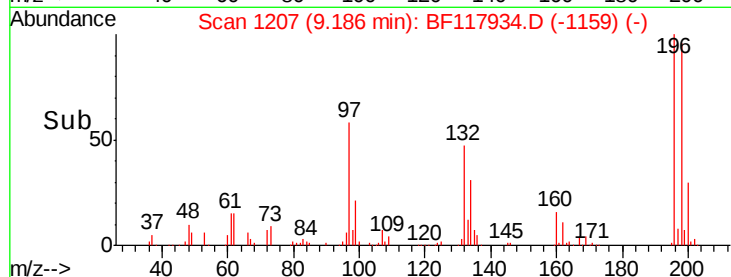
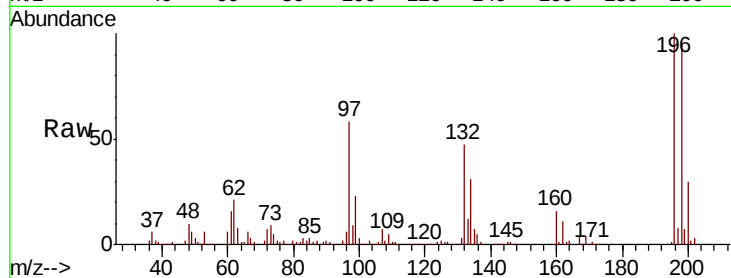
#43
 2,4,6-Trichlorophenol
 Concen: 45.236 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	385745		
198	95.9	77.8	116.6	
200	30.2	25.4	38.0	

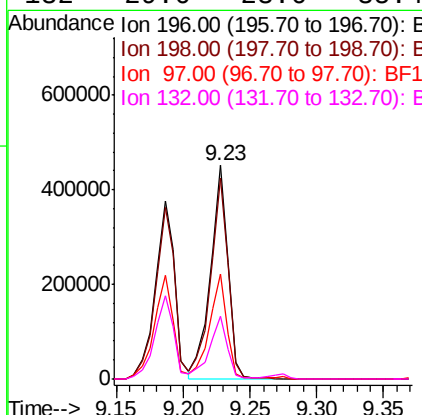
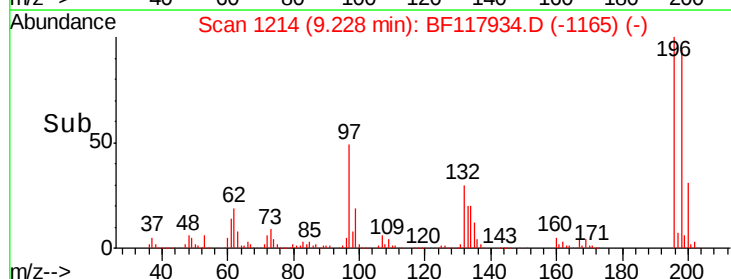
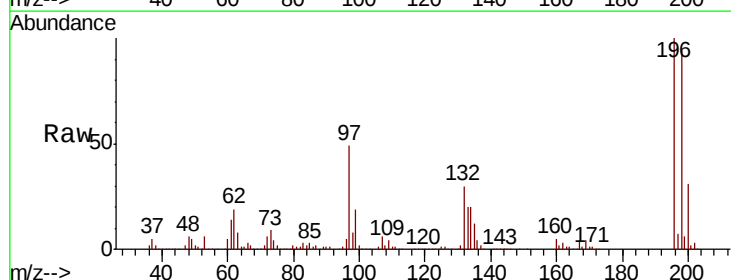
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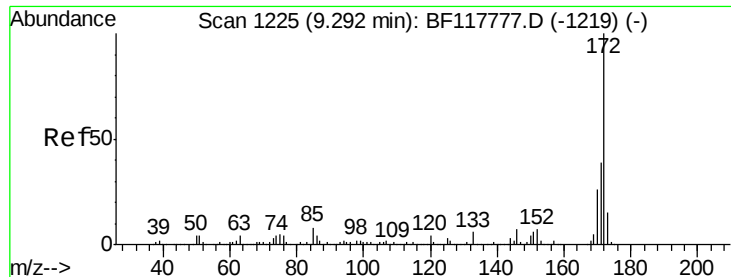
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#44
 2,4,5-Trichlorophenol
 Concen: 47.203 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	417923		
198	94.3	76.3	114.5	
97	48.9	40.0	60.0	
132	29.6	23.6	35.4	





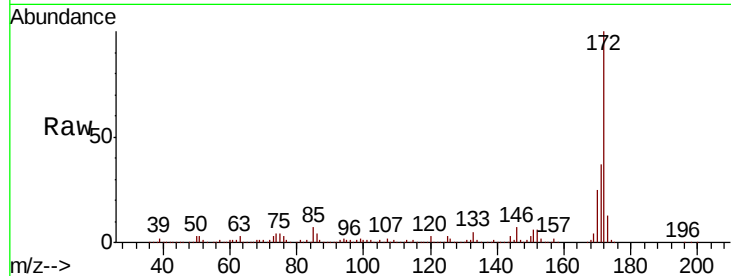
#45
2-Fluorobiphenyl
Concen: 88.830 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.6	21.0	31.4

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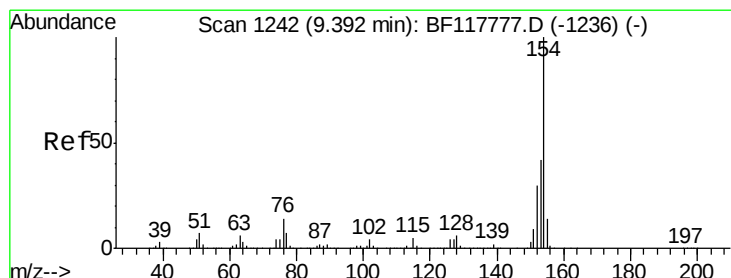
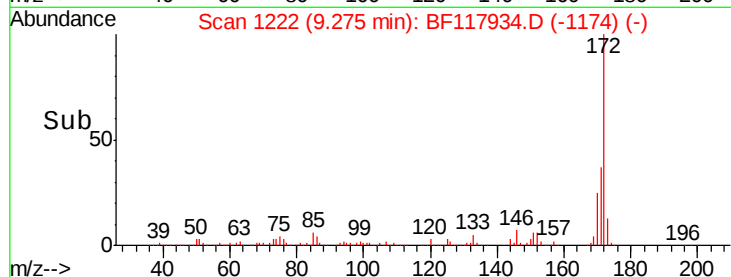
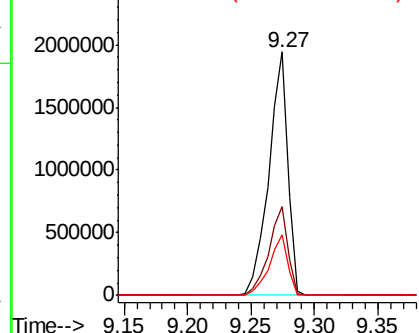


Abundance

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: 42.656 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

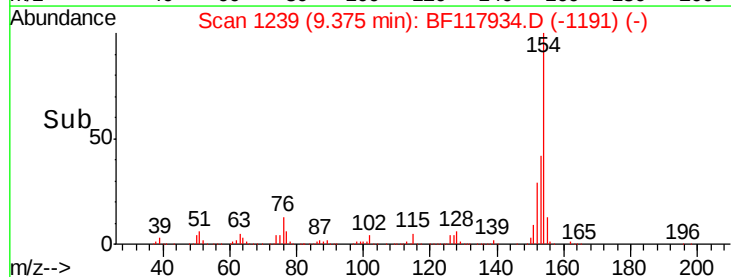
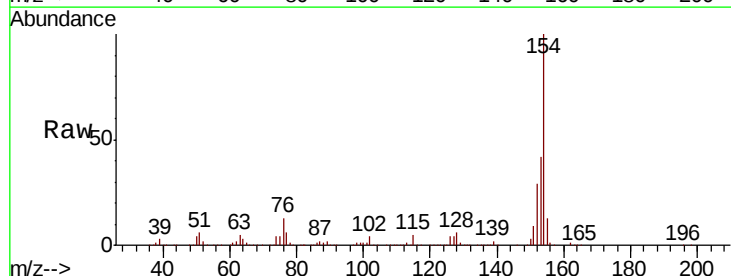
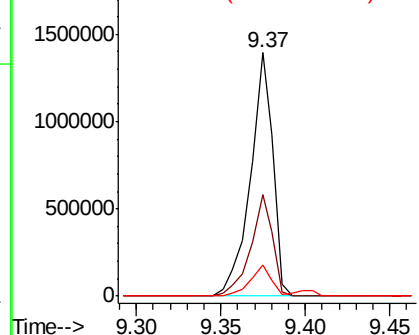
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	12.6	0.0	33.6

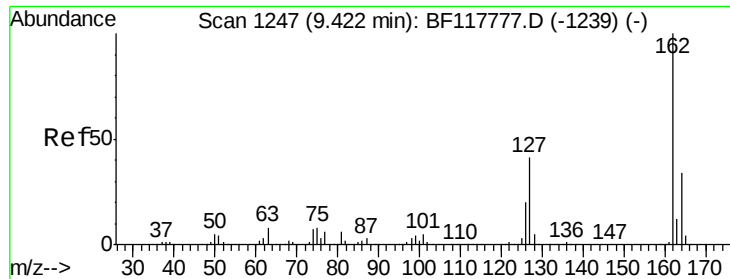
Abundance

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





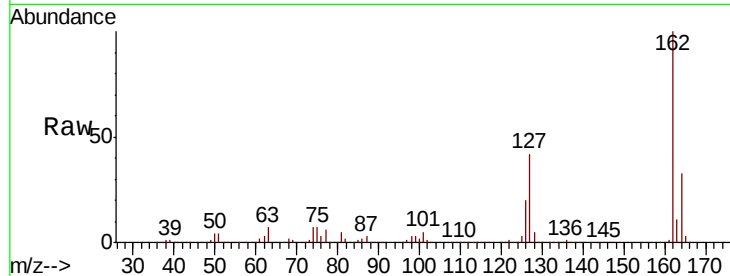
#47
2-Chloronaphthalene
Concen: 40.565 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

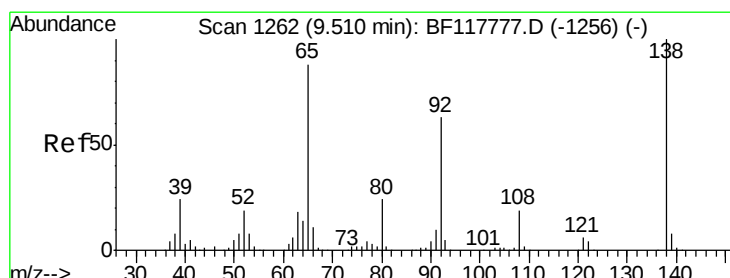
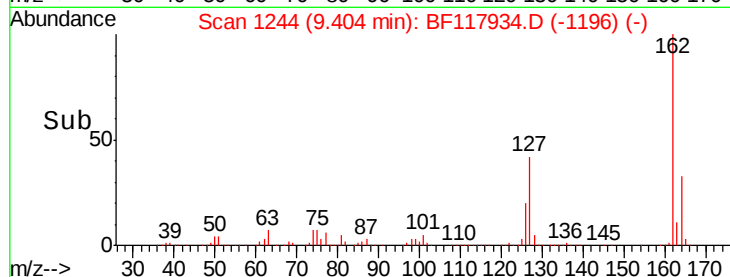
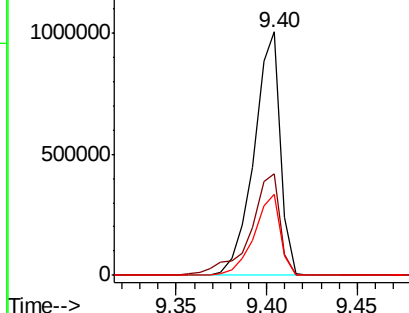
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.2	49.8
164	33.2	27.3	40.9

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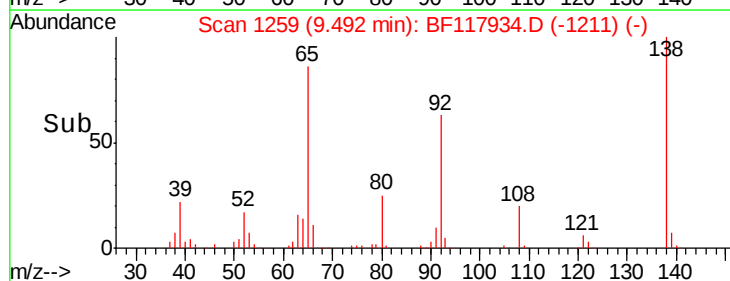
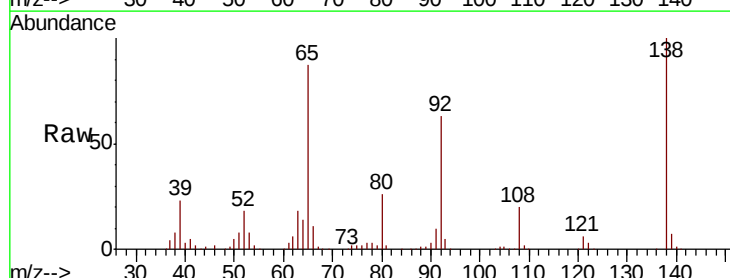
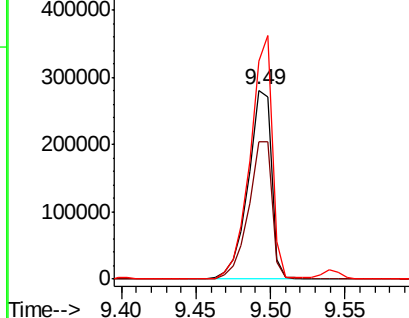
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

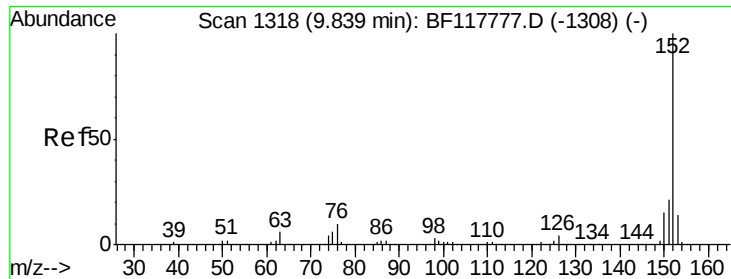


#48
2-Nitroaniline
Concen: 40.220 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.6	84.8
138	115.0	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





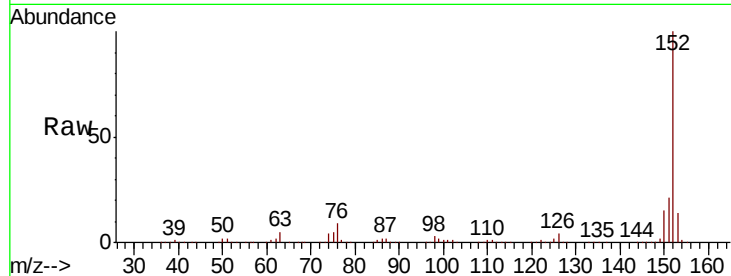
#49
Acenaphthylene
Concen: 46.715 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

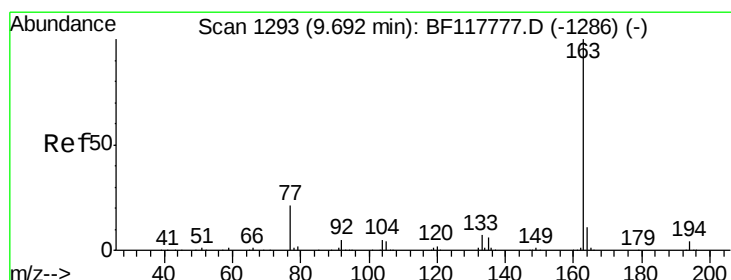
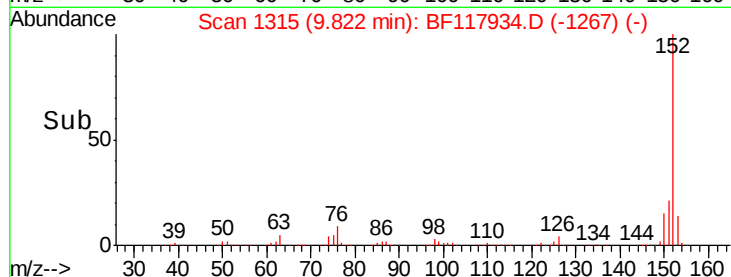
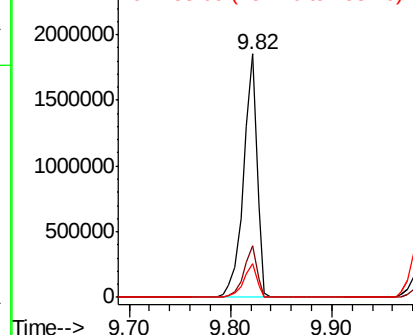
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6
153	13.8	11.0	16.6

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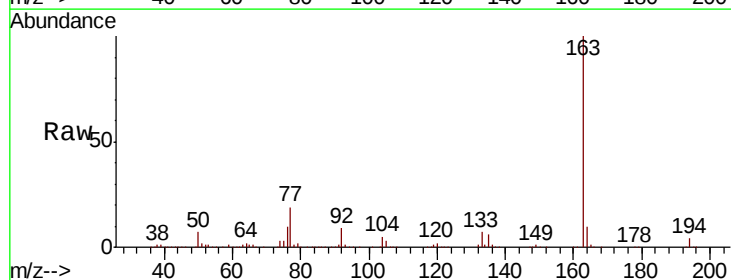


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

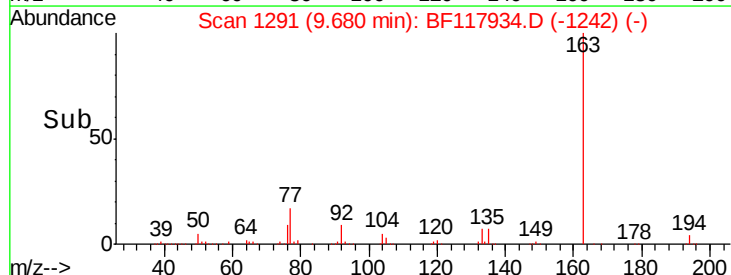
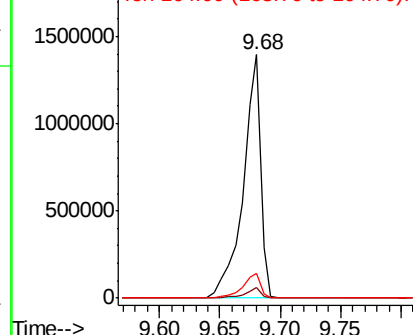


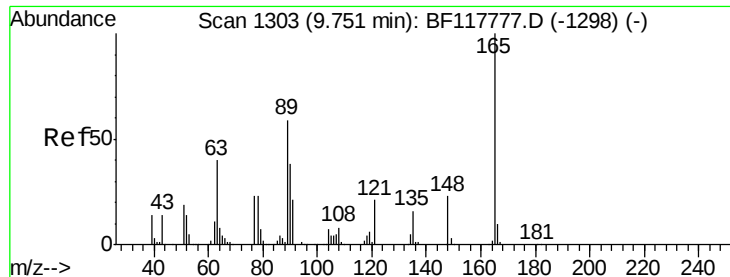
#50
Dimethylphthalate
Concen: 49.004 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.2	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





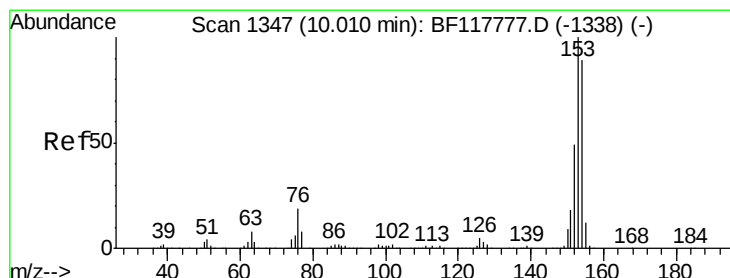
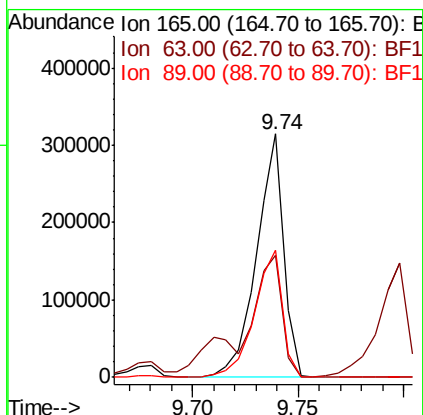
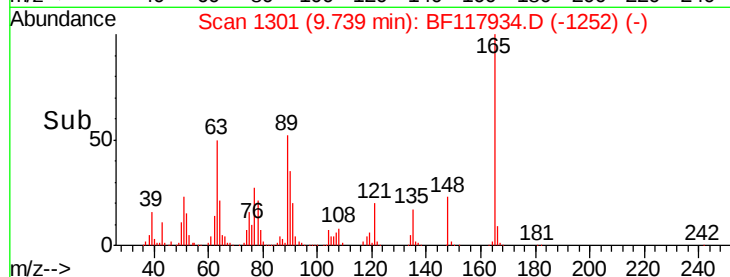
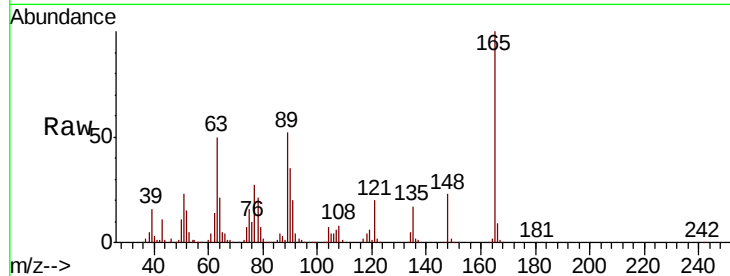
#51
2,6-Dinitrotoluene
Concen: 44.721 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280978		
63	50.3	46.0	69.0	
89	52.3	47.7	71.5	

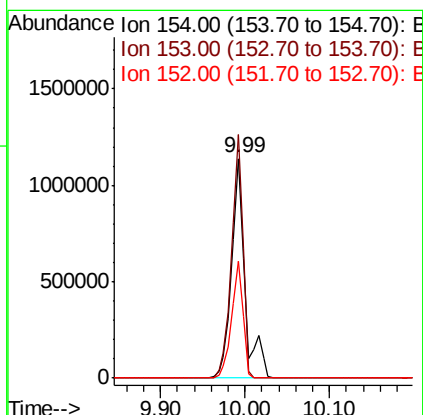
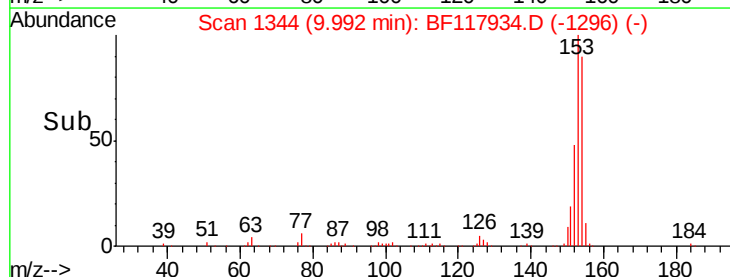
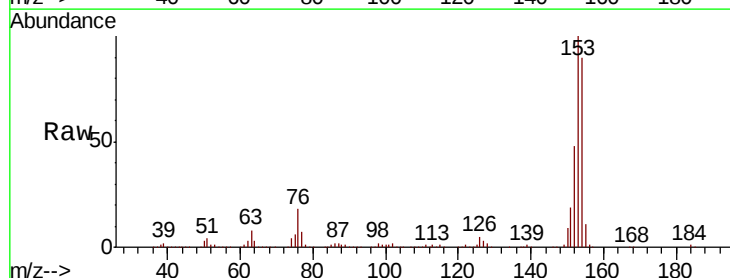
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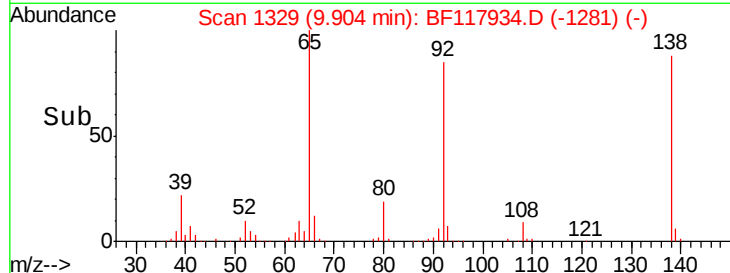
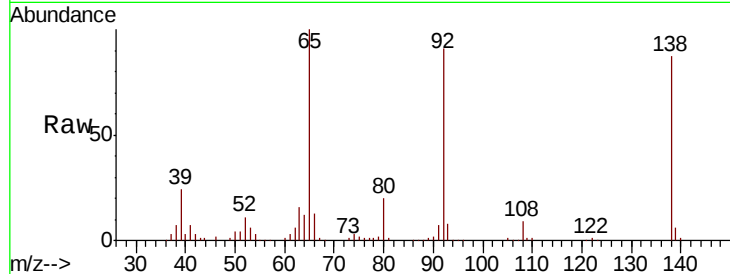
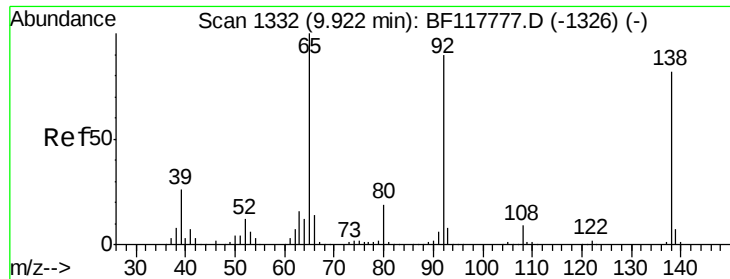
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#52
Acenaphthene
Concen: 53.506 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1250344		
153	111.0	90.1	135.1	
152	53.4	44.0	66.0	





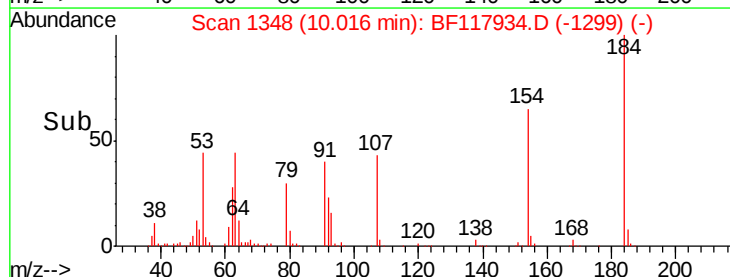
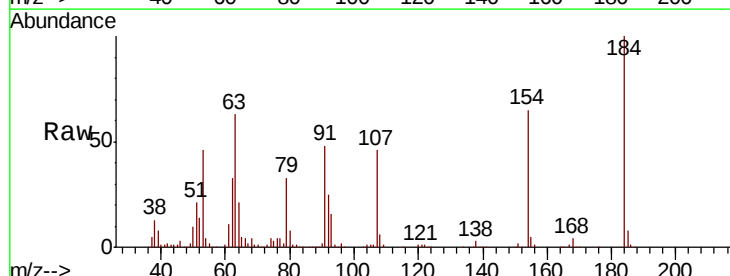
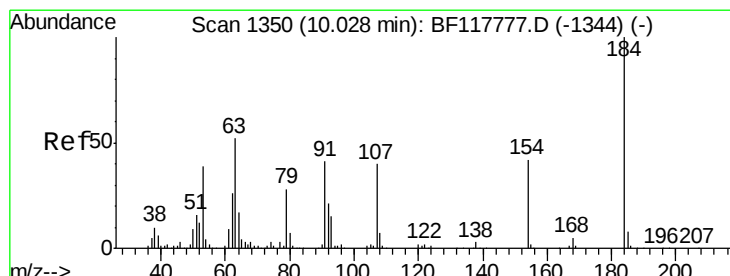
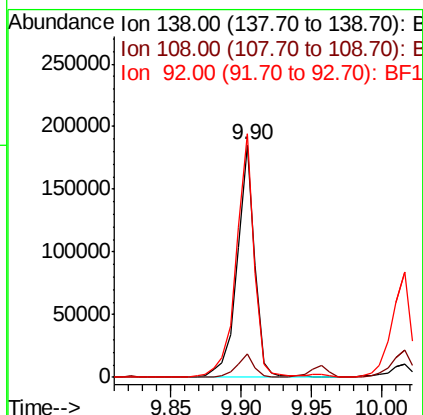
#53
3-Nitroaniline
Concen: 21.318 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	12.8
92	104.6	87.9	131.9

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

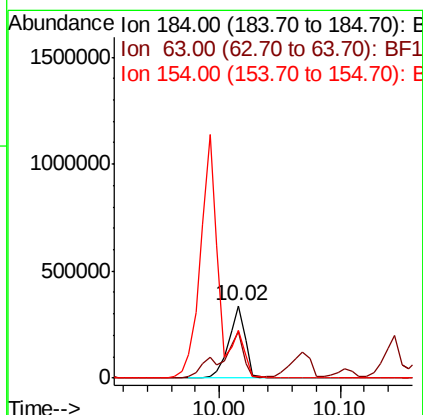
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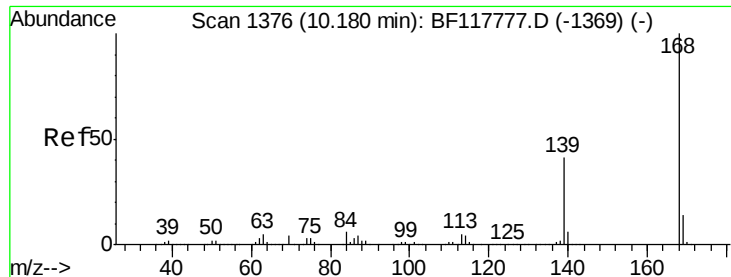
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#54
2,4-Dinitrophenol
Concen: 98.540 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	43.0	64.6
154	65.3	48.0	72.0





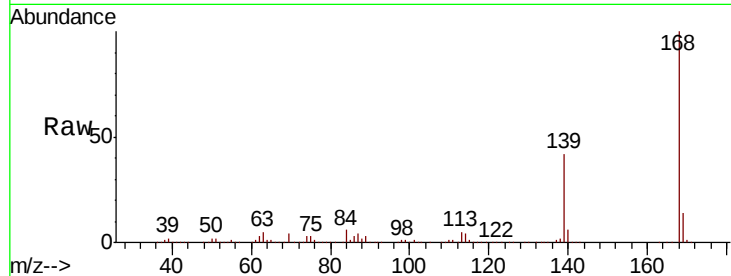
#55
Dibenzenofuran
Concen: 46.573 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

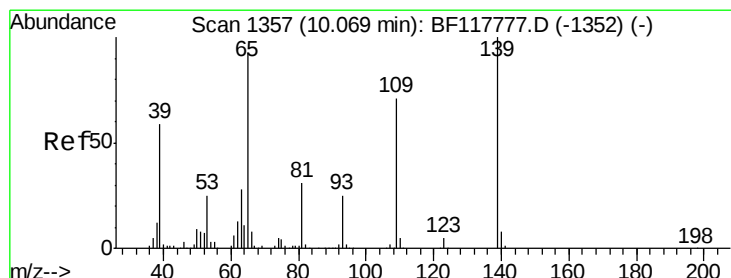
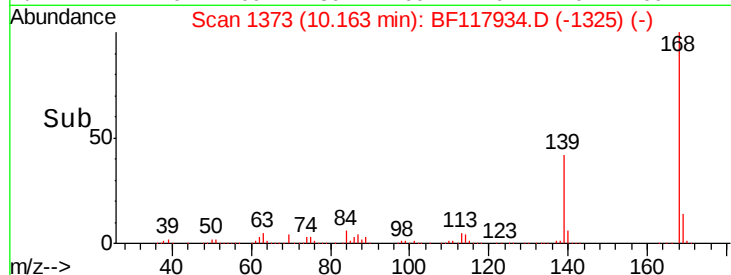
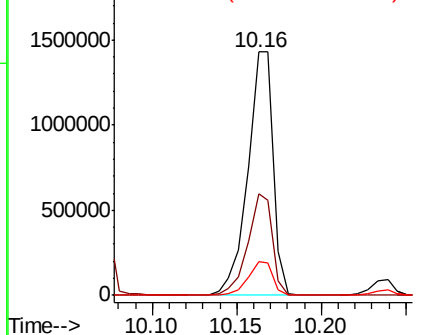
Tot Ion:168 Resp: 1507074
Ion Ratio Lower Upper
168 100
139 41.7 33.0 49.6
169 13.8 11.5 17.3

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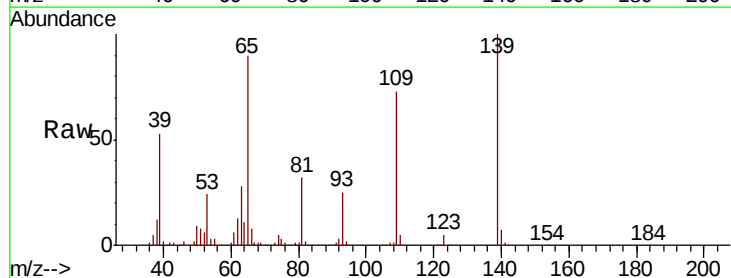


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

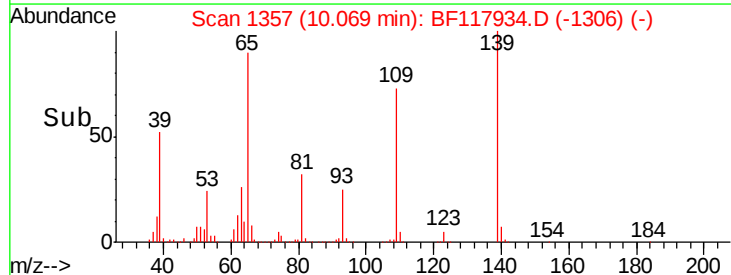
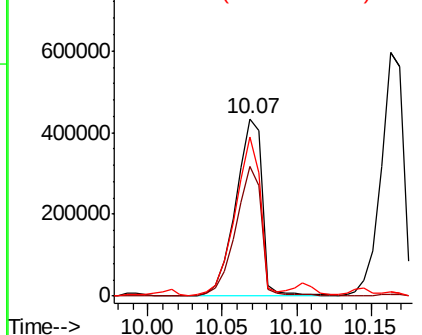


#56
4-Nitrophenol
Concen: 95.964 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion:139 Resp: 538516
Ion Ratio Lower Upper
139 100
109 73.1 50.8 90.8
65 89.9 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





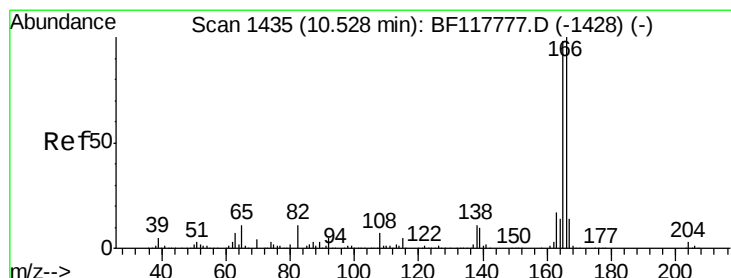
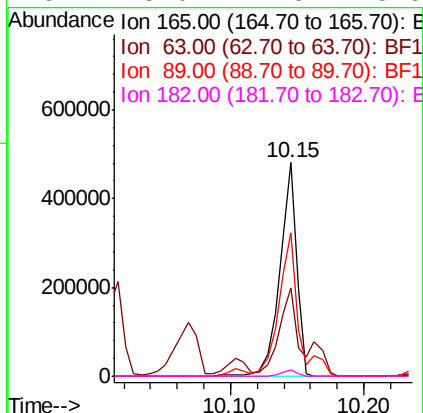
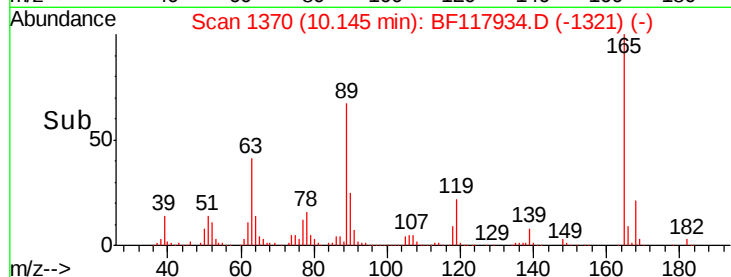
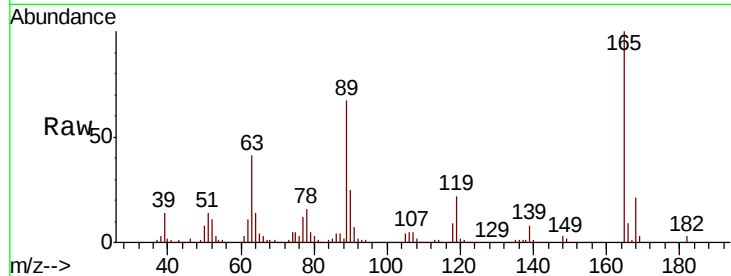
#57
2,4-Dinitrotoluene
Concen: 53.962 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	431277		
63	41.1	33.7	50.5	
89	67.2	57.3	85.9	
182	3.0	2.3	3.5	

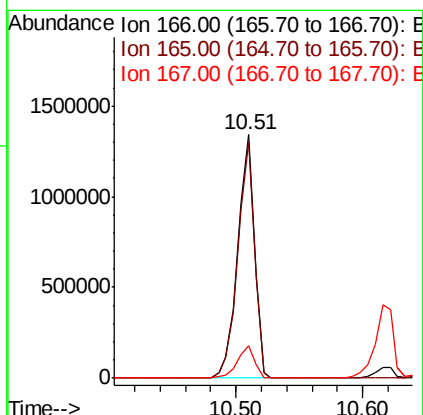
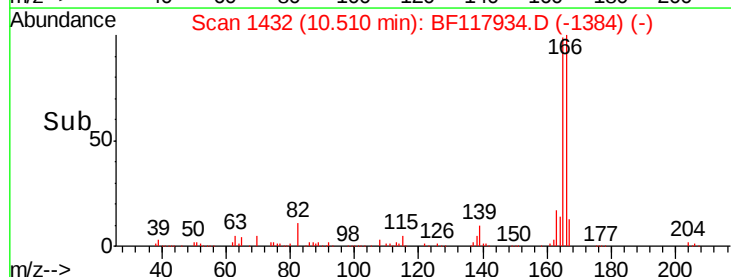
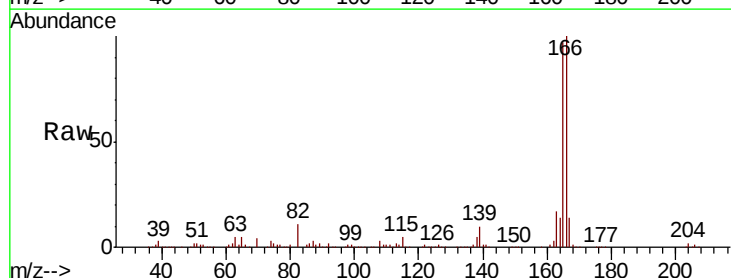
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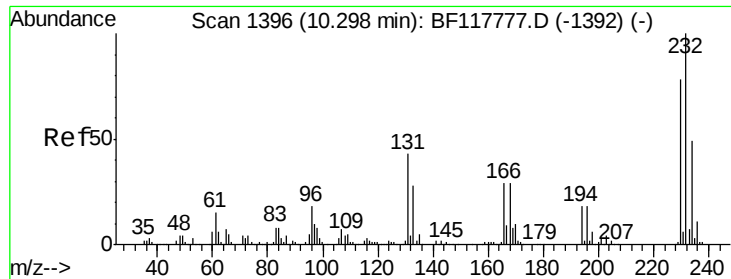
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#58
Fluorene
Concen: 48.294 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1211038		
165	96.7	78.4	117.6	
167	13.5	11.0	16.4	





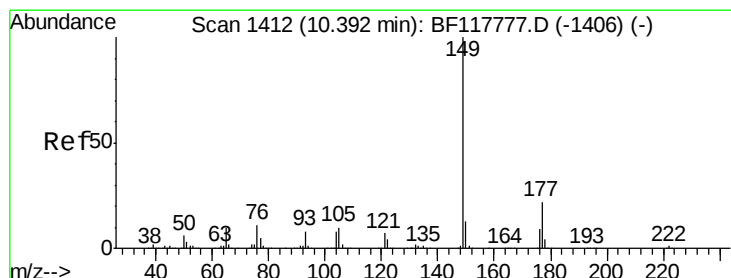
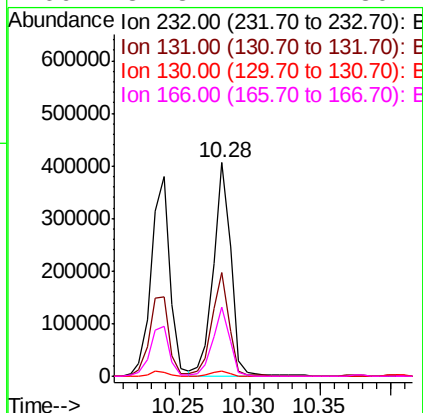
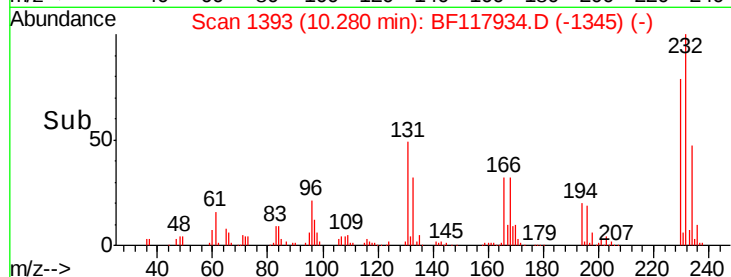
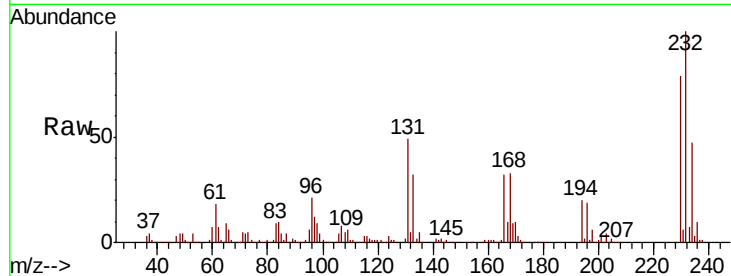
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.039 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.6	56.4
130	2.4	1.9	2.9
166	31.3	24.2	36.4

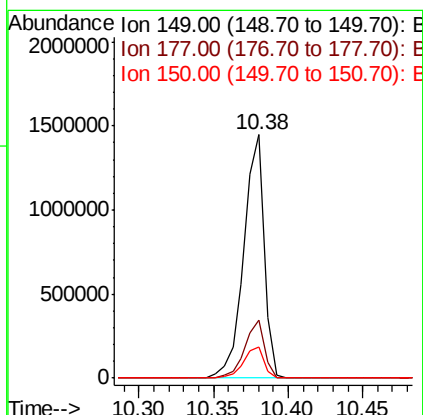
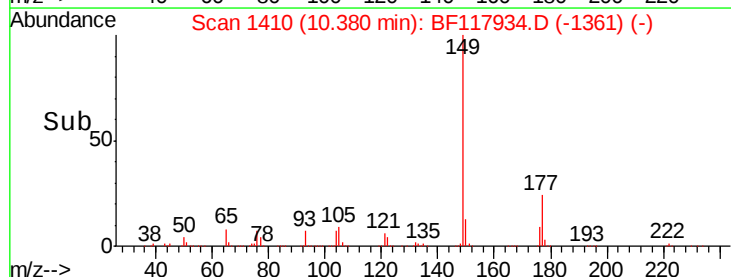
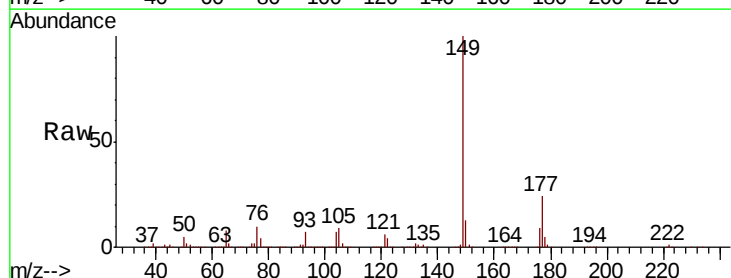
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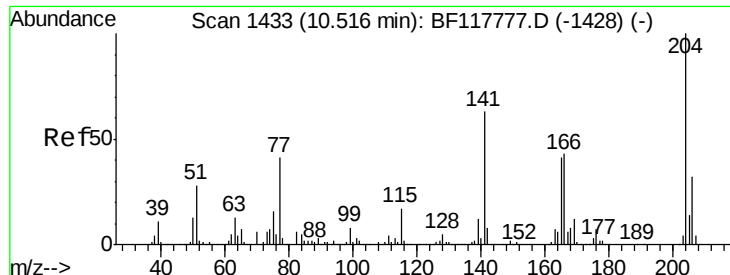
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#60
 Diethylphthalate
 Concen: 49.012 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.0	27.0
150	12.8	10.5	15.7





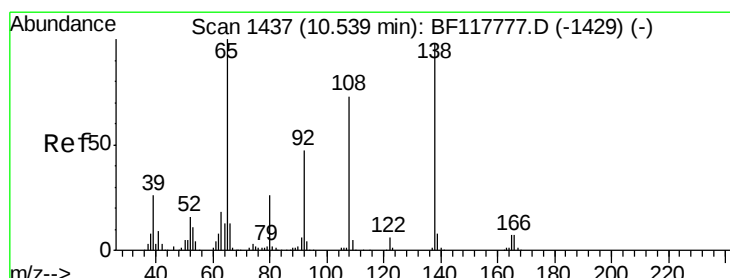
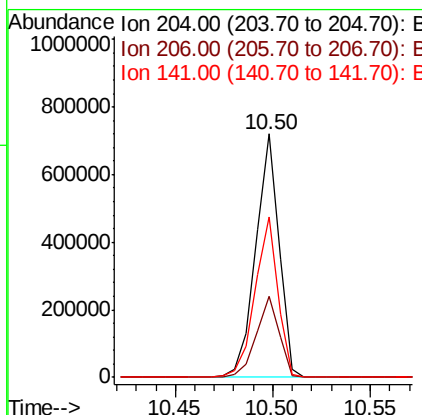
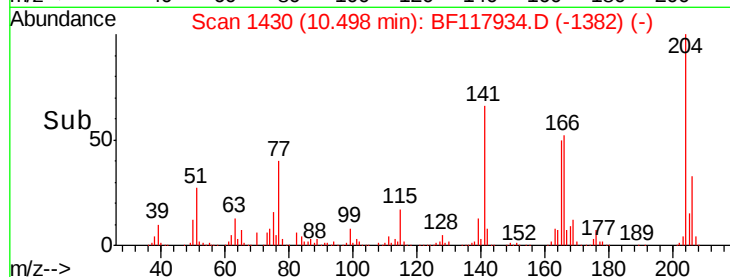
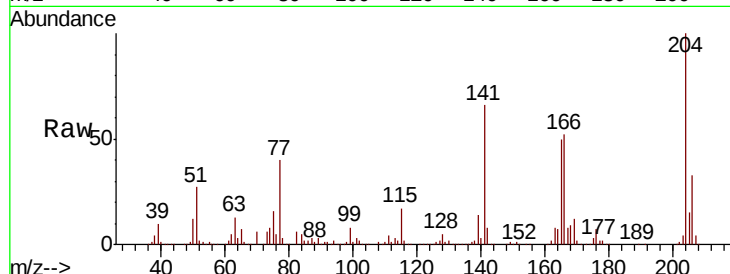
#61
4-Chlorophenyl-phenylether
Concen: 46.854 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.6	38.4
141	66.0	50.7	76.1

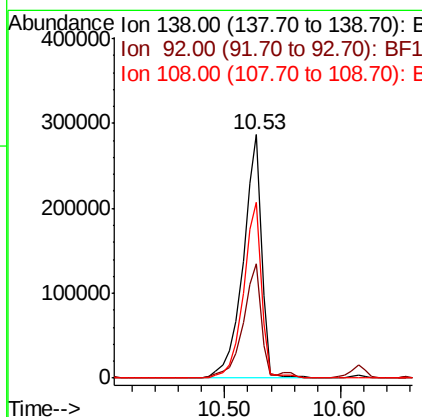
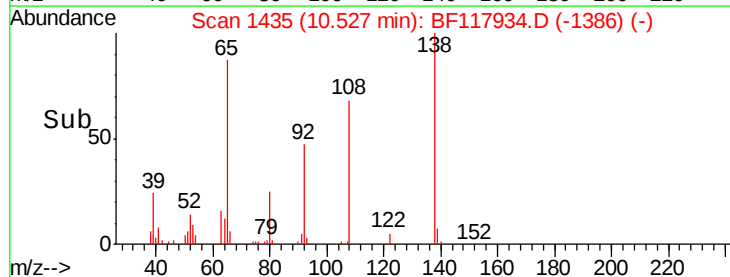
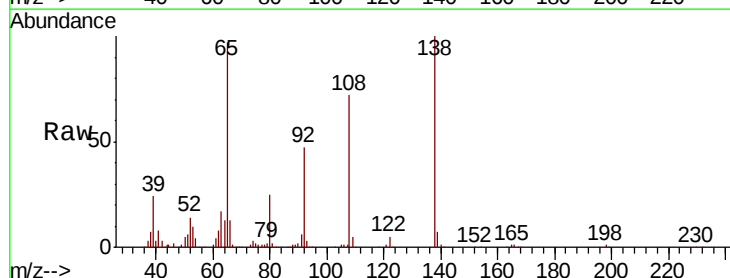
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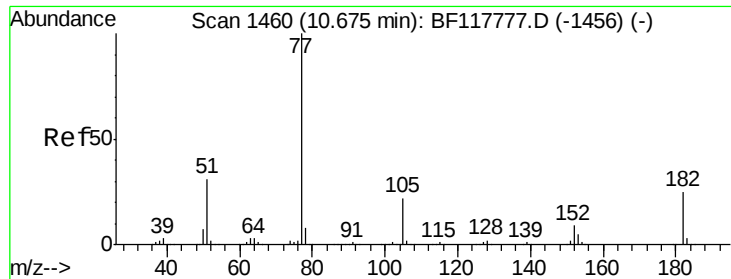
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#62
4-Nitroaniline
Concen: 42.087 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	28.3	68.3
108	72.3	54.3	94.3





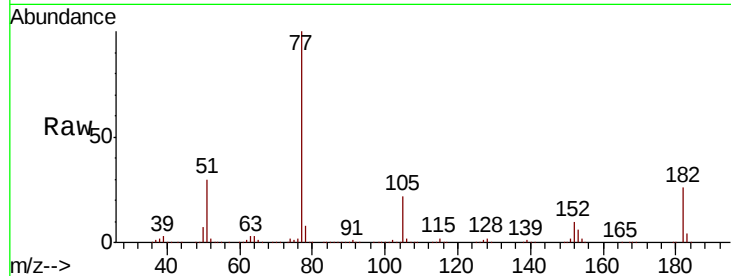
#63
Azobenzene
Concen: 48.913 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

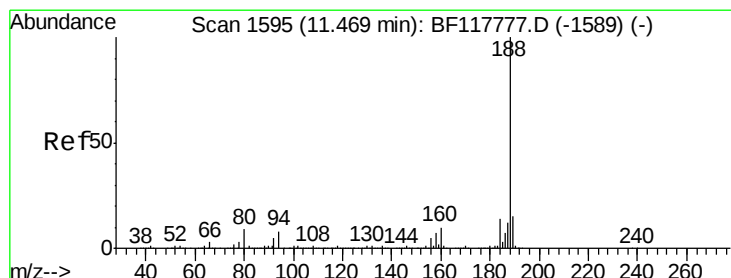
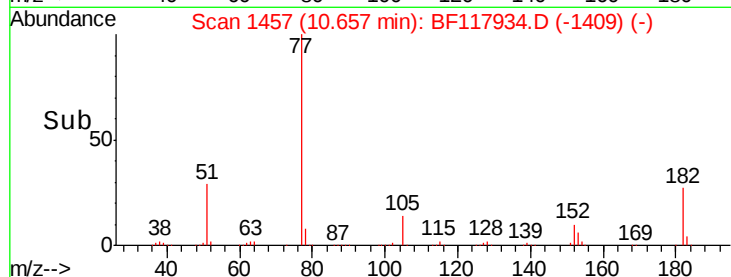
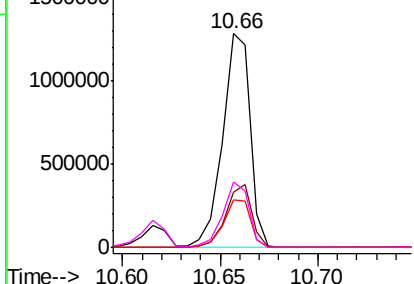
Tot Ion:	77	Resp:	1247188
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.8	44.8
105	22.4	2.1	42.1
51	30.3	11.4	51.4

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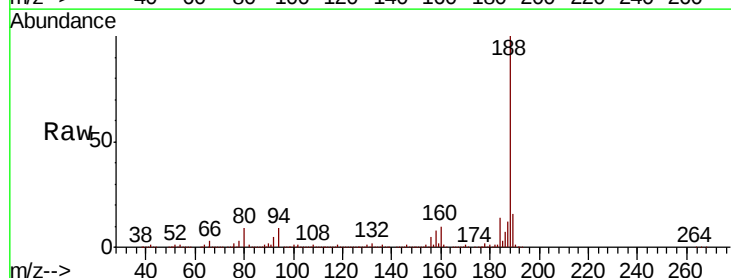


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

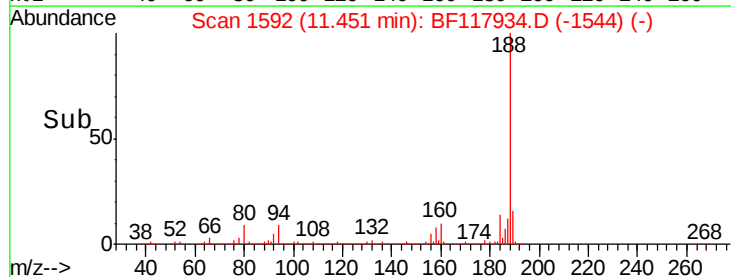
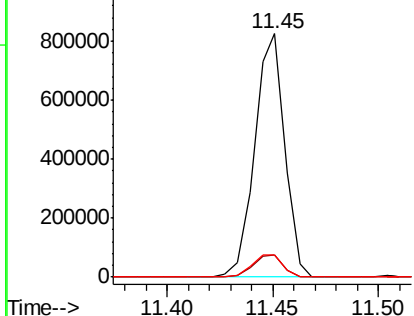


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion:	188	Resp:	816126
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.1	7.2	10.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 61.456 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

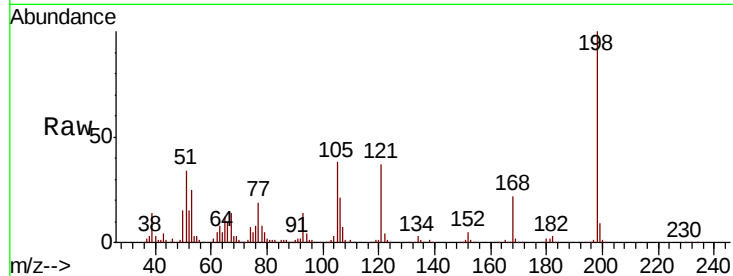
ClientSampleId :

PHIPPS-BH-NE-02MSD

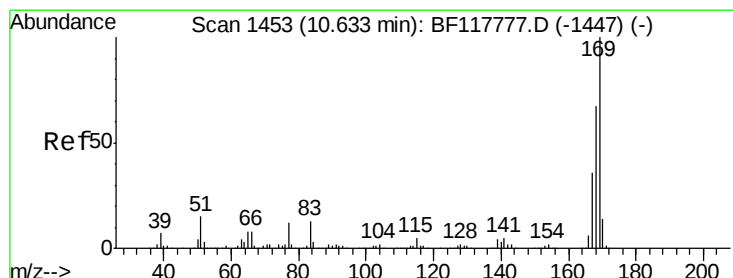
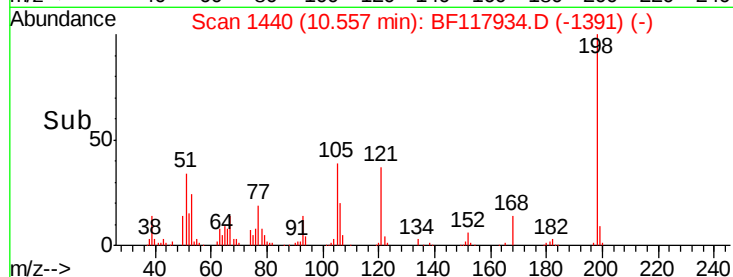
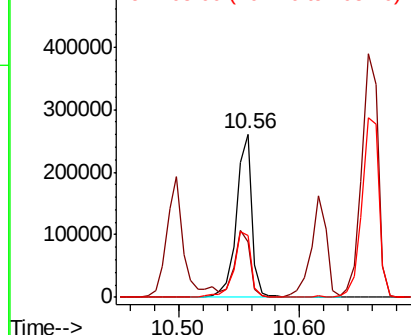
Tot Ion:	198	Resp:	234146
Ion Ratio	Lower	Upper	
198	100		
51	34.0	16.0	56.0
105	38.2	19.1	59.1

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



#66

n-Nitrosodiphenylamine

Concen: 46.038 ng

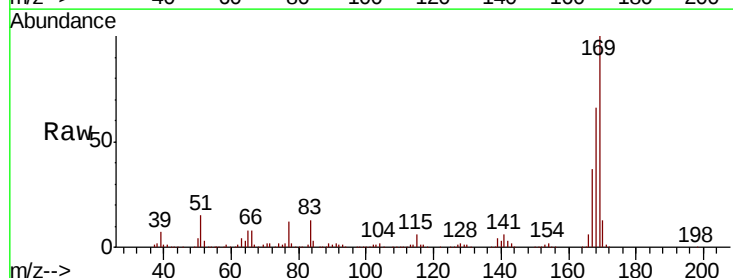
RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

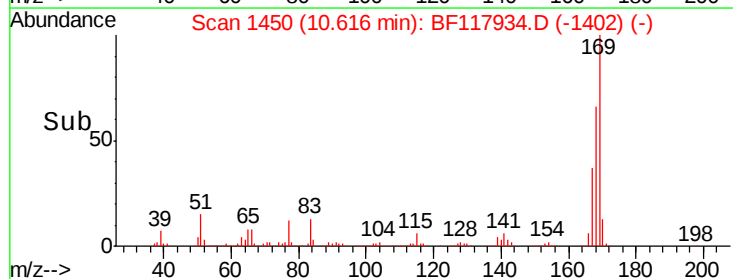
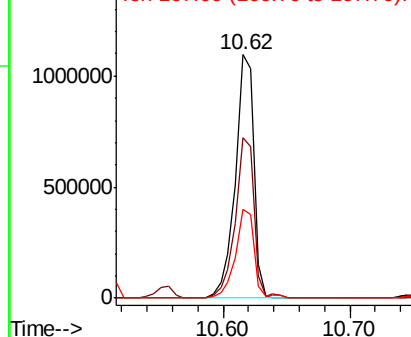
Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Tgt Ion:	169	Resp:	1093472
Ion Ratio	Lower	Upper	
169	100		
168	66.1	53.5	80.3
167	36.6	29.0	43.4



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





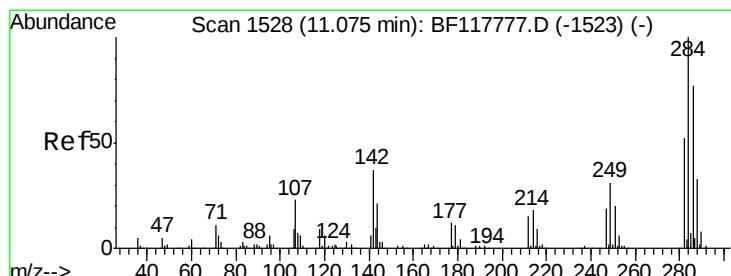
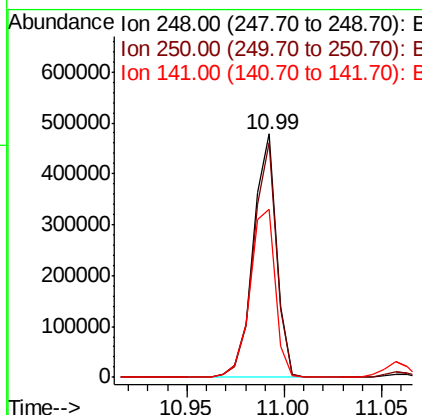
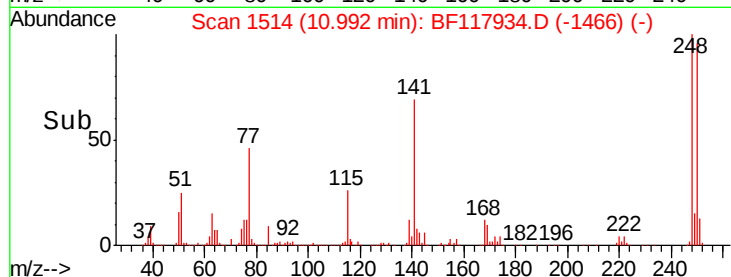
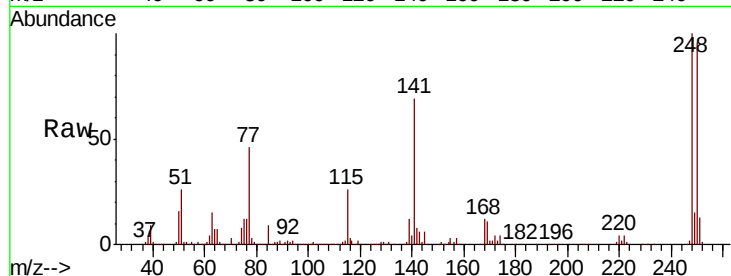
#67
4-Bromophenyl-phenylether
Concen: 44.991 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.6	115.0
141	69.1	55.9	83.9

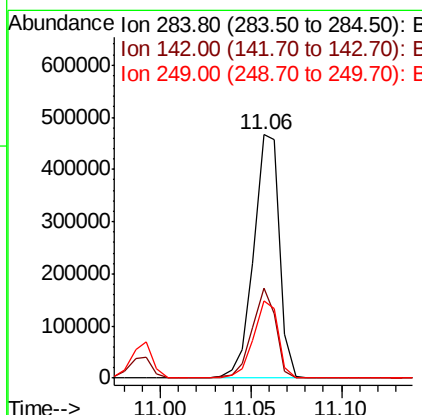
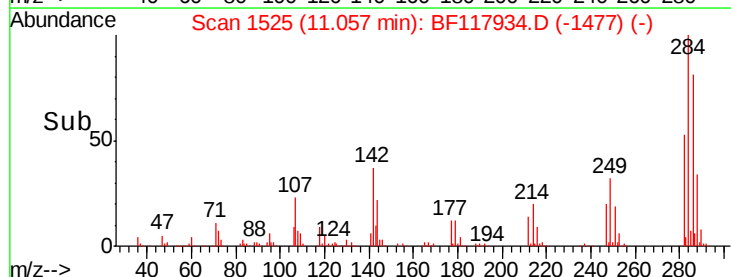
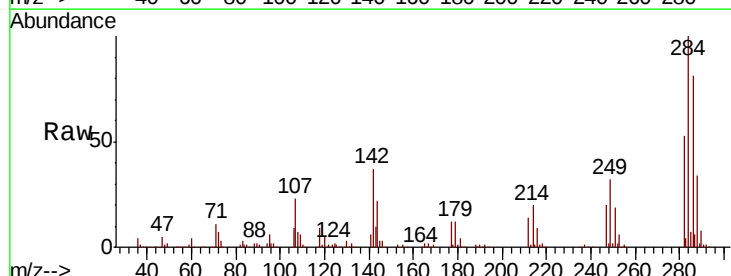
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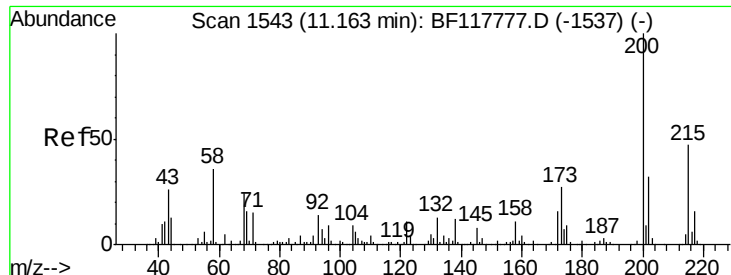
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#68
Hexachlorobenzene
Concen: 44.836 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.4	44.2
249	31.6	24.6	37.0





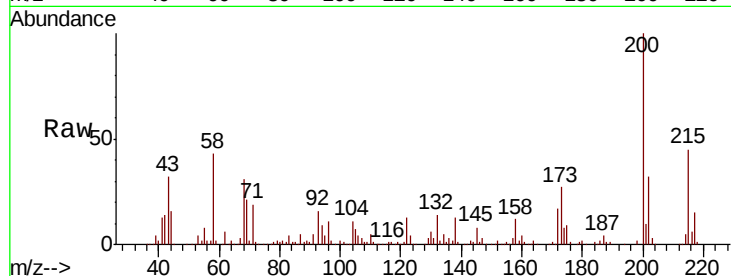
#69
 Atrazine
 Concen: 45.558 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

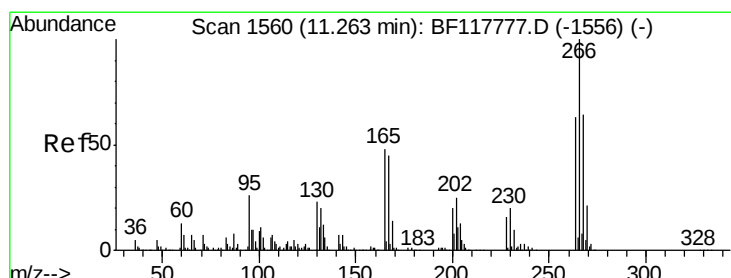
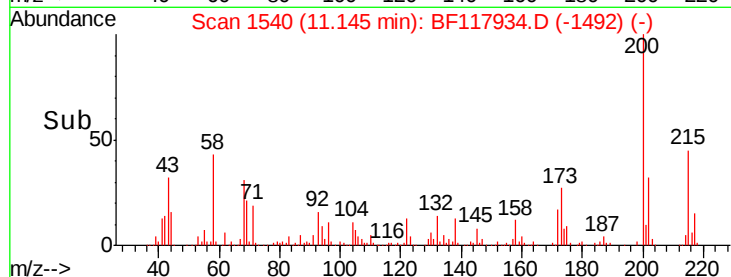
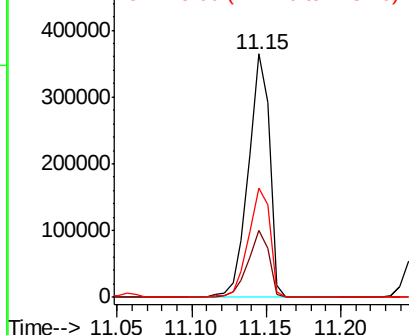
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	6.7	46.7
215	45.0	27.5	67.5

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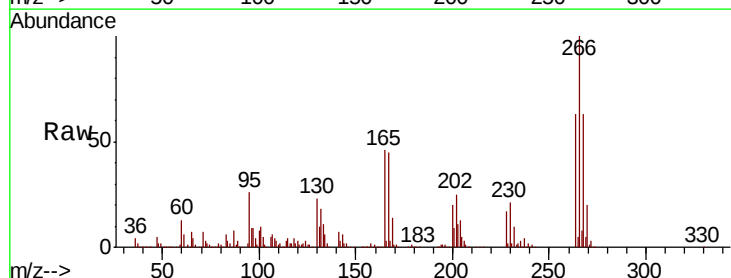


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

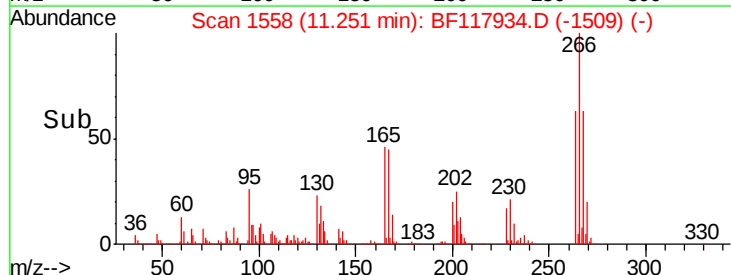
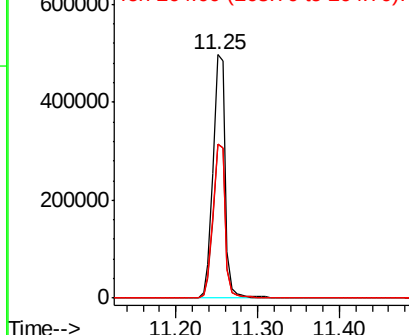


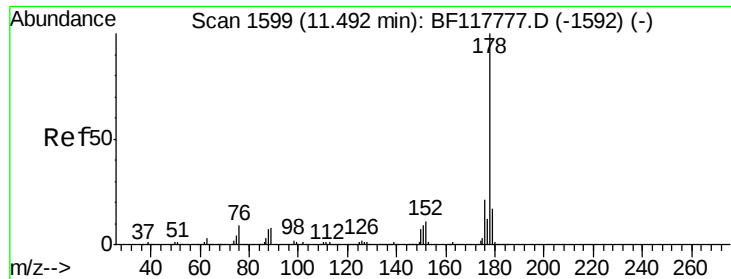
#70
 Pentachlorophenol
 Concen: 87.125 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	50.8	76.2
264	63.2	50.7	76.1



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





#71

Phenanthrene

Concen: 44.988 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion:178 Resp: 1845969

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

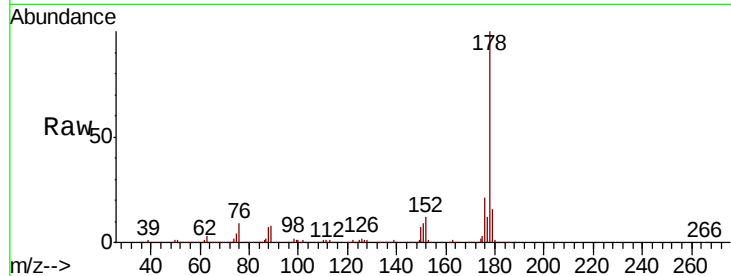
179 16.2 13.2 19.8

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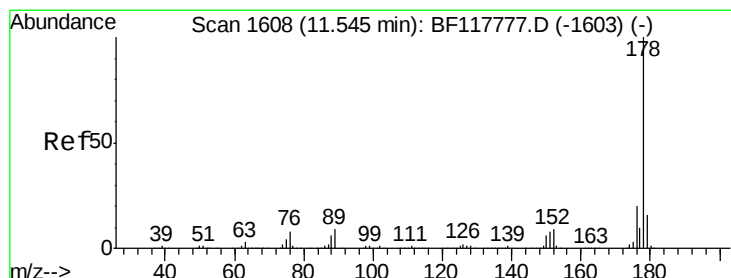
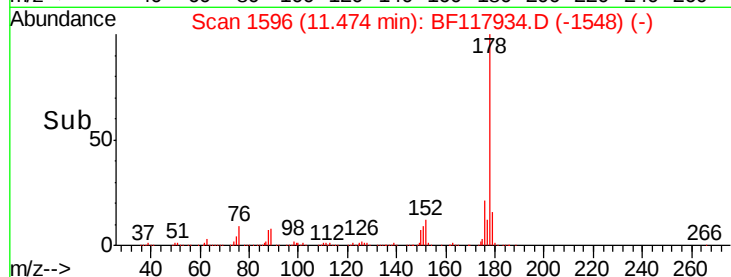
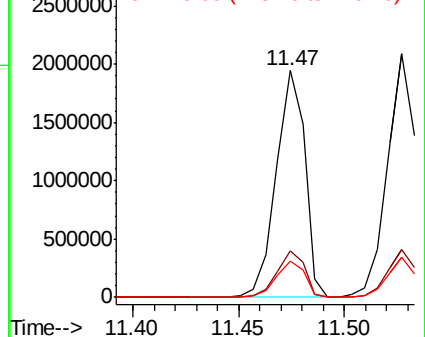
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.177 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

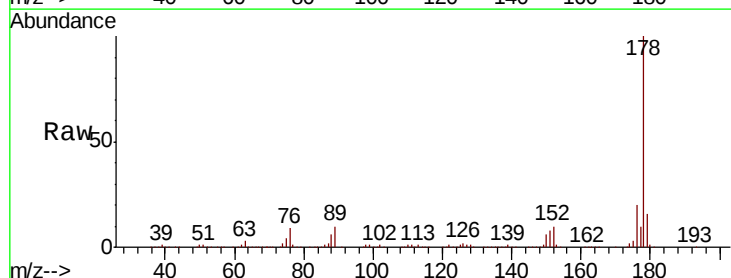
Tgt Ion:178 Resp: 1919285

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

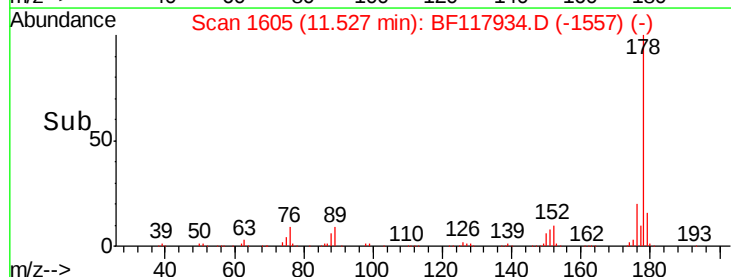
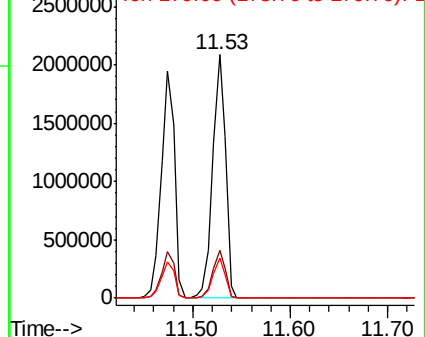
179 16.3 13.0 19.4

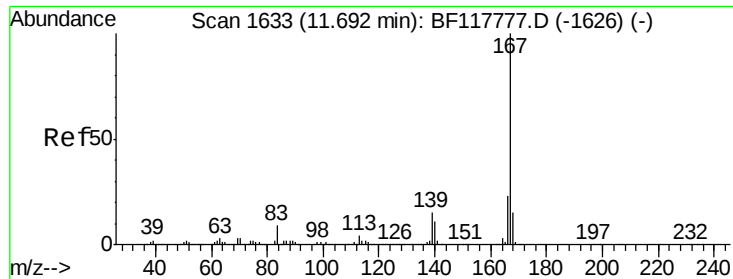


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





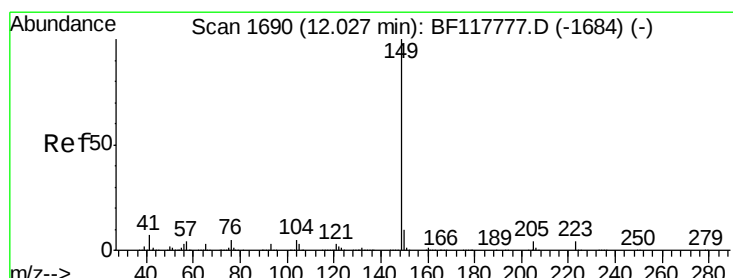
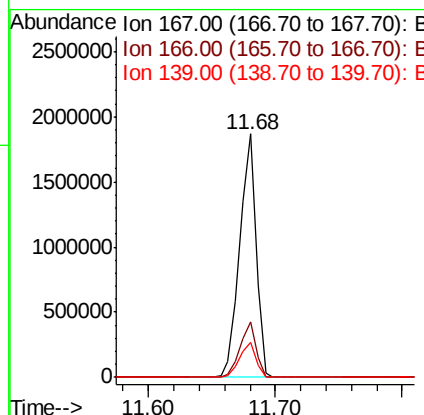
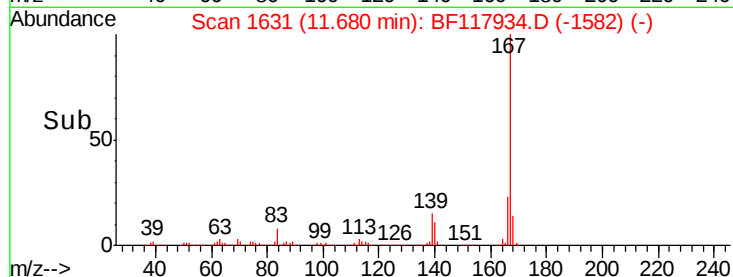
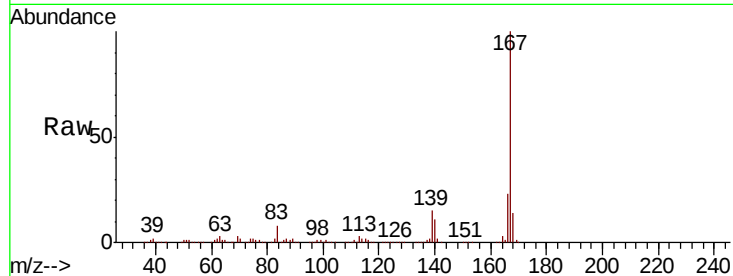
#73
 Carbazole
 Concen: 46.830 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.0	18.0	27.0	
139	14.5	11.7	17.5	

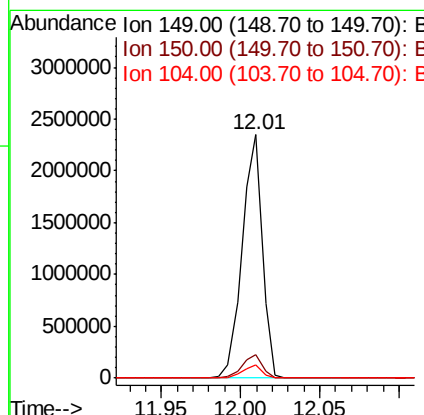
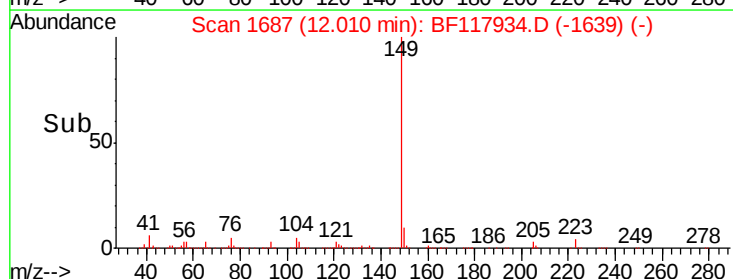
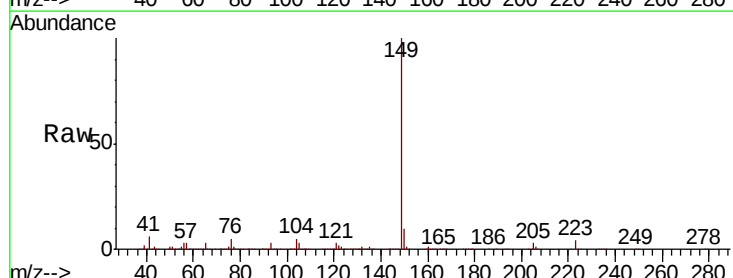
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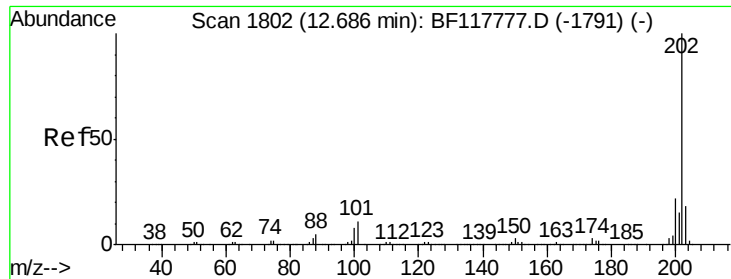
mohammad
 11/25/2019 8:19:36 AM



#74
 Di-n-butylphthalate
 Concen: 46.456 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.7	7.9	11.9	
104	5.2	4.2	6.4	





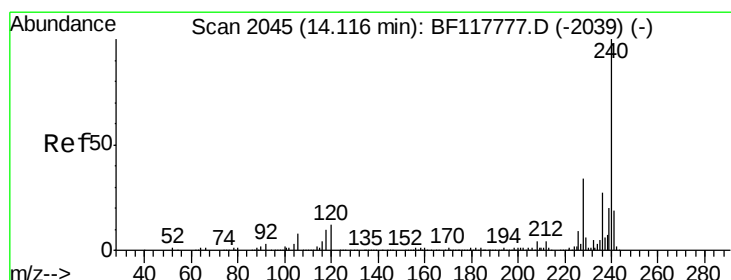
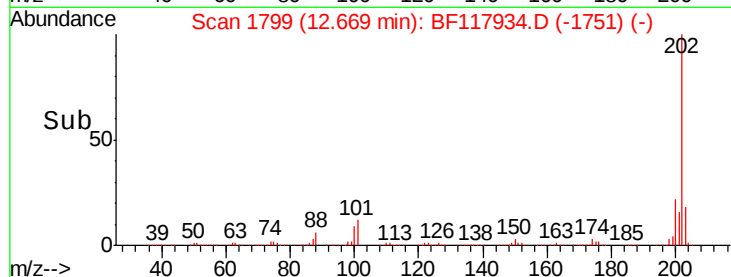
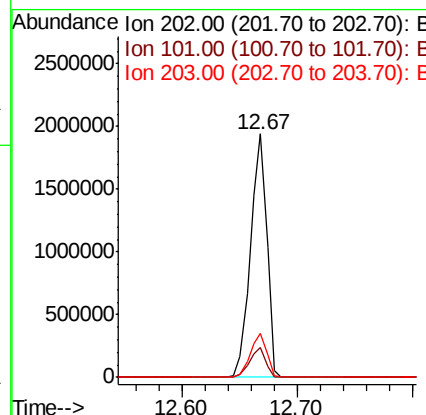
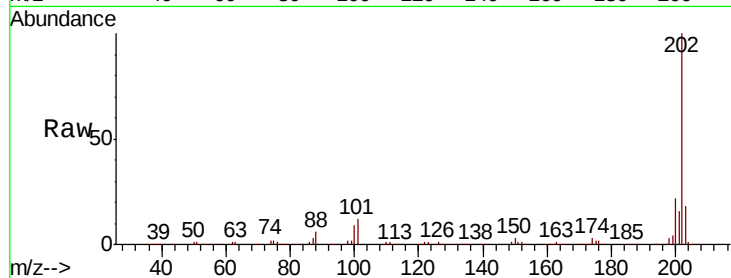
#75
Fluoranthene
Concen: 51.837 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.1
203	18.2	0.0	38.2

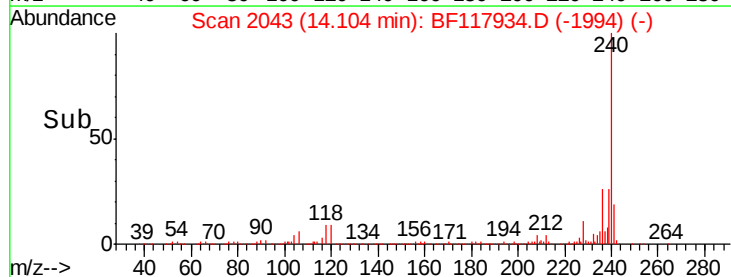
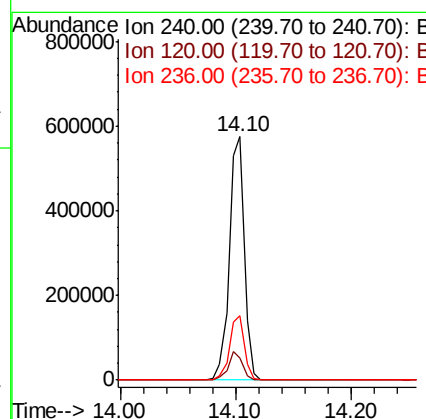
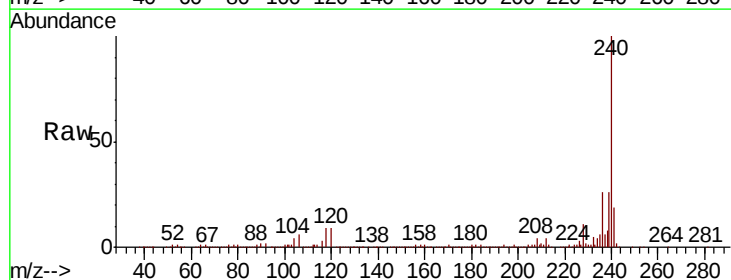
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.5	21.3	31.9





#77

Benzidine

Concen: 32.745 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_F

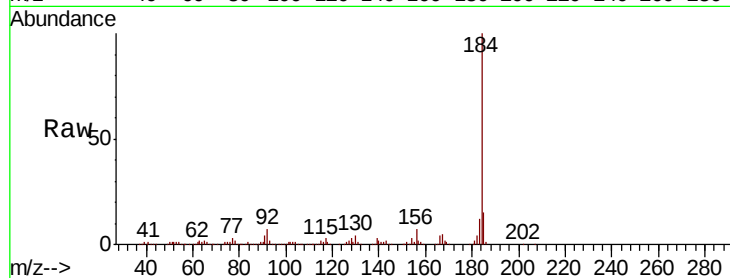
ClientSampleId :

PHIPPS-BH-NE-02MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.4
183	12.1	9.5	14.3

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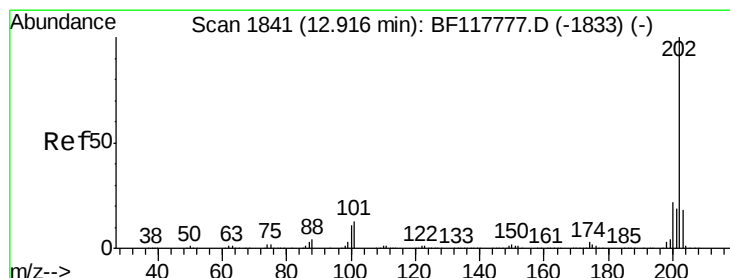
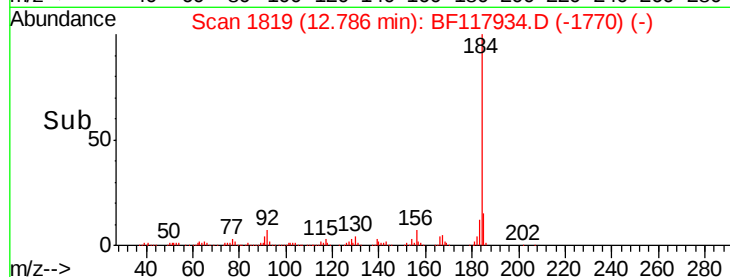
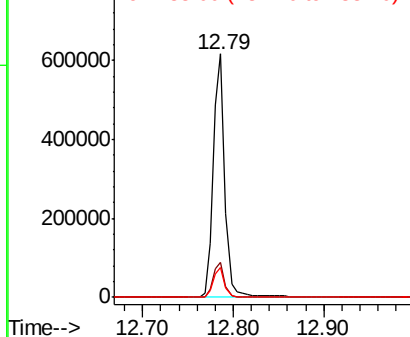


Abundance

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: 44.477 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117934.D

Acq: 22 Nov 2019 22:41

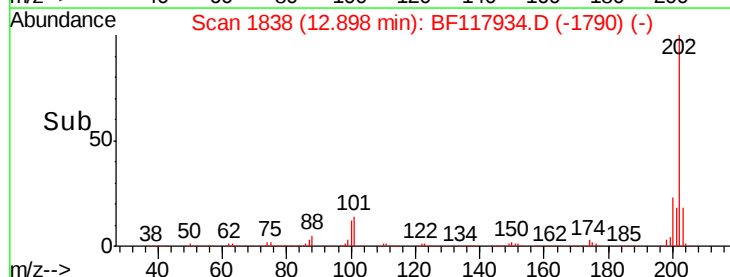
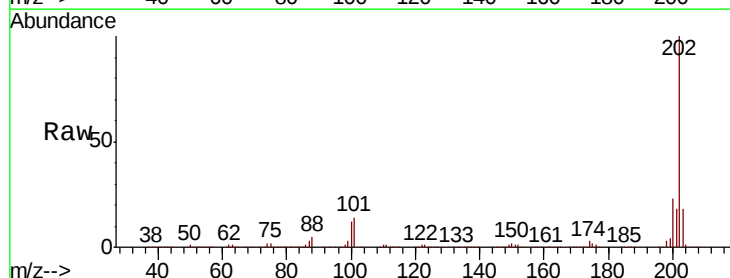
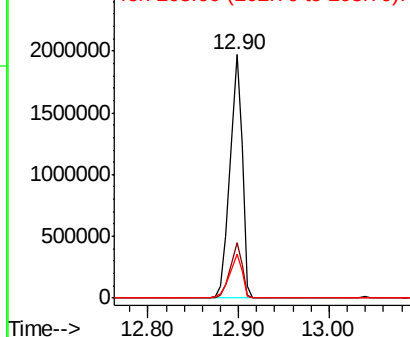
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	18.1	14.6	22.0

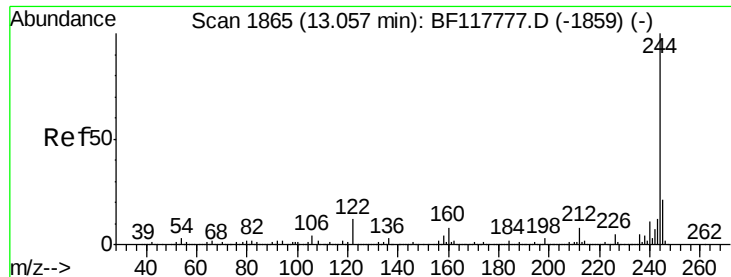
Abundance

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





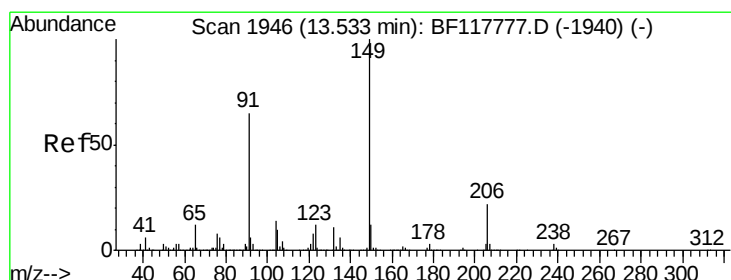
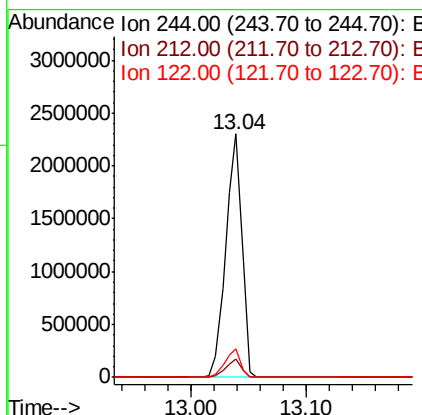
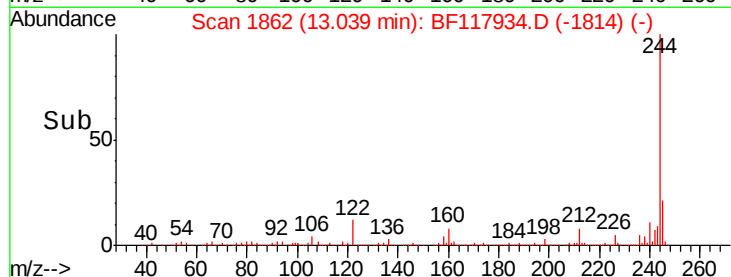
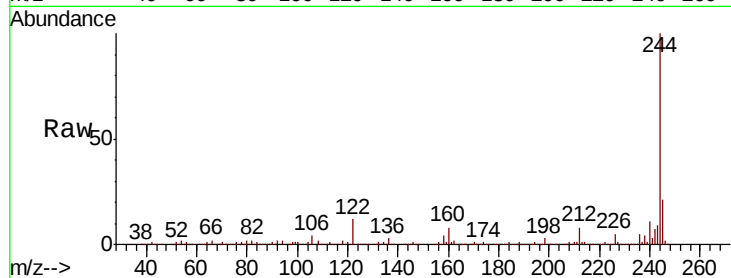
#79
 Terphenyl-d14
 Concen: 77.980 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.6	9.4	14.2

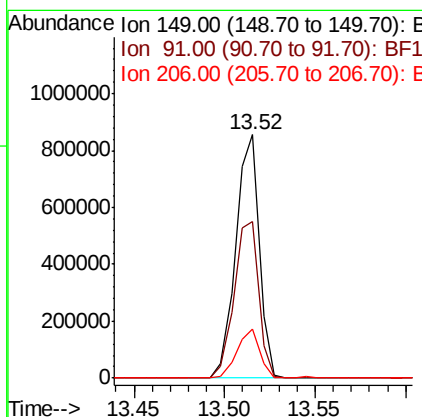
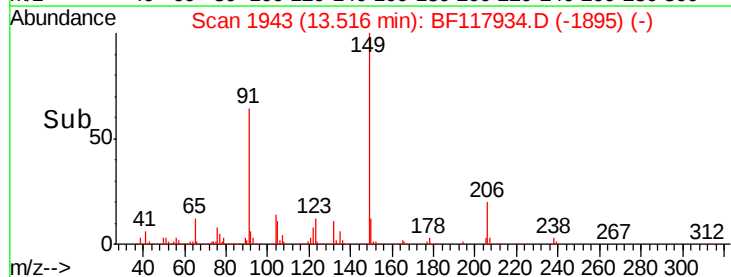
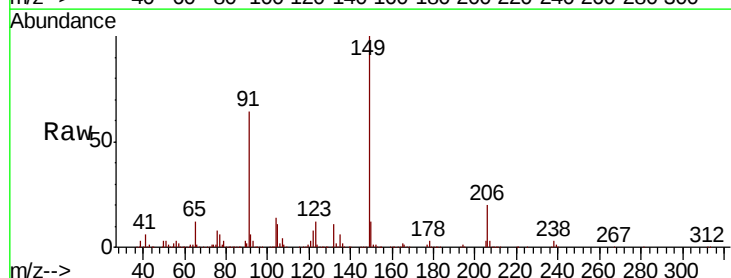
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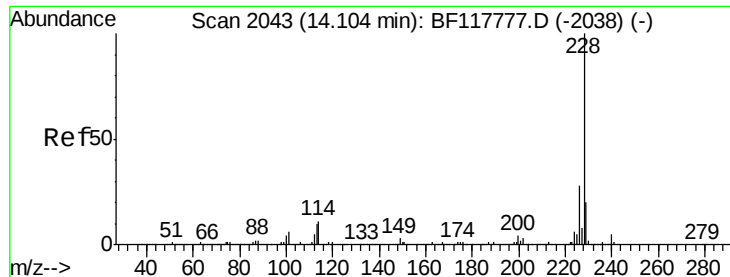
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#80
 Butylbenzylphthalate
 Concen: 42.857 ng
 RT: 13.52 min Scan# 1943
 Delta R.T. -0.02 min
 Lab File: BF117934.D
 Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.1	51.9	77.9
206	20.3	17.2	25.8





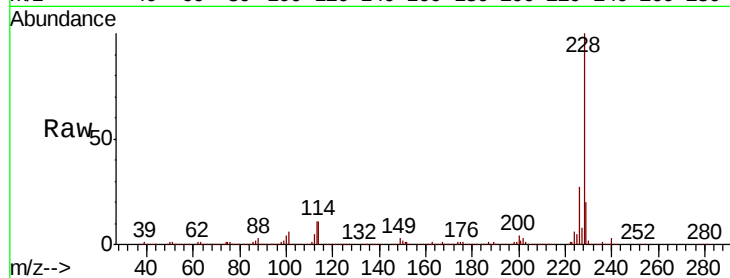
#81
Benzo(a)anthracene
Concen: 45.918 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.1	15.9	23.9

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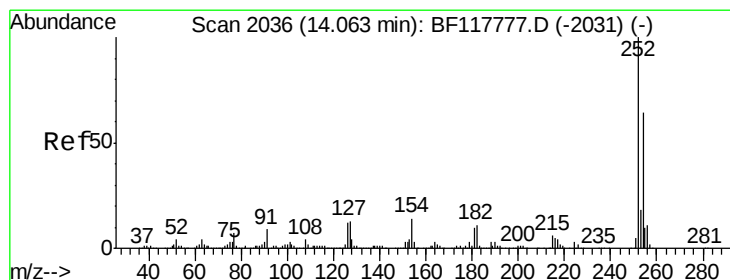
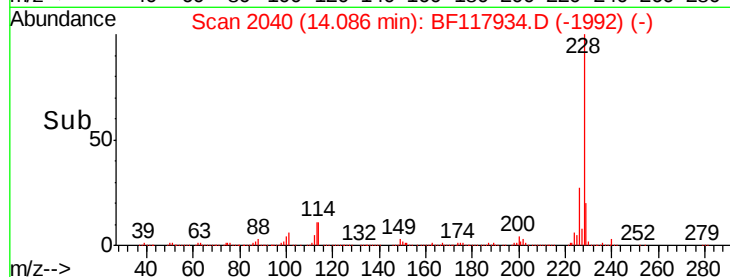
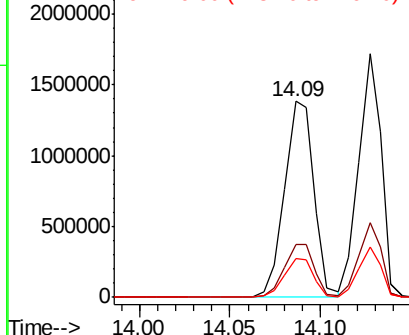


Abundance

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: 31.578 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

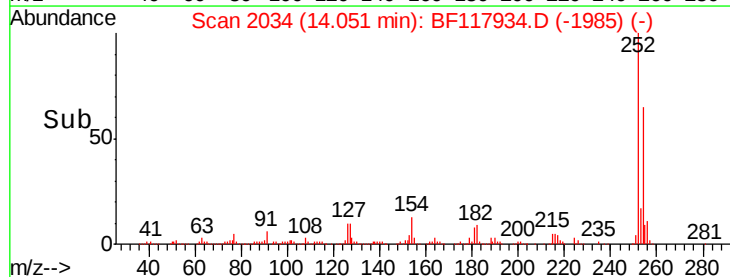
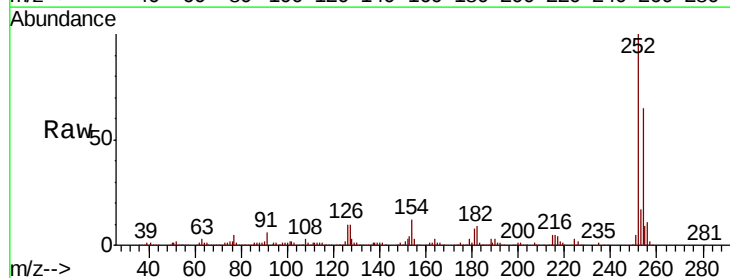
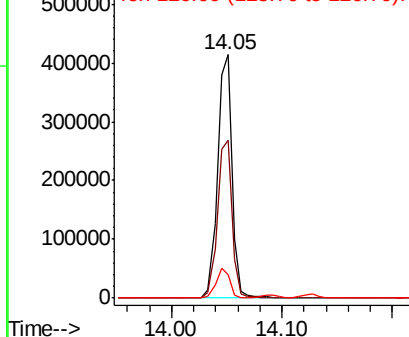
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.0	76.6
126	9.8	9.7	14.5

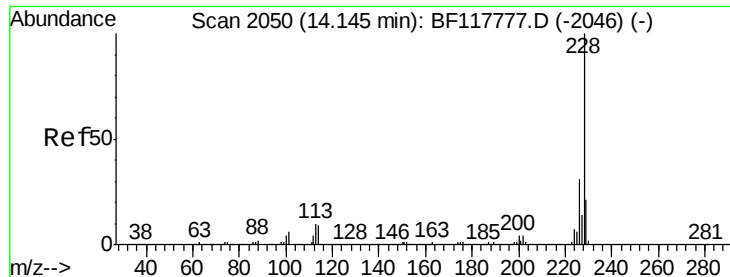
Abundance

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





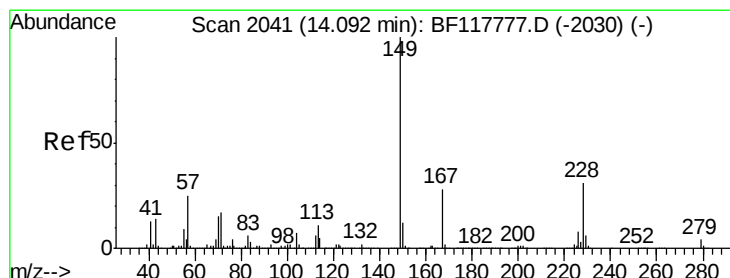
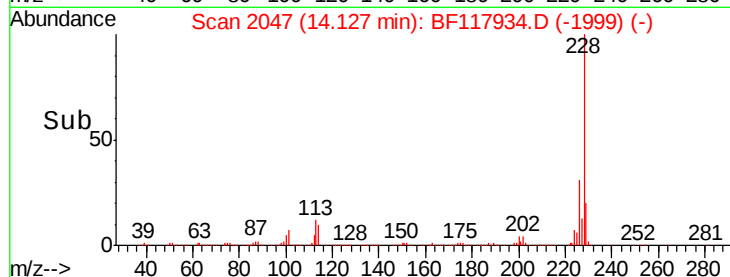
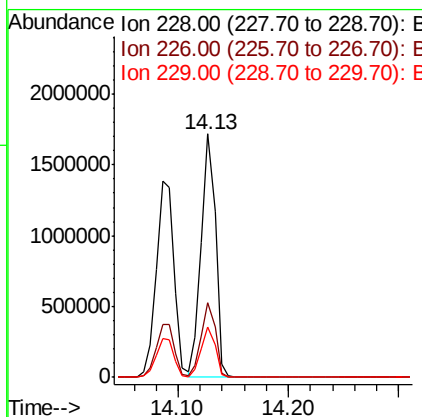
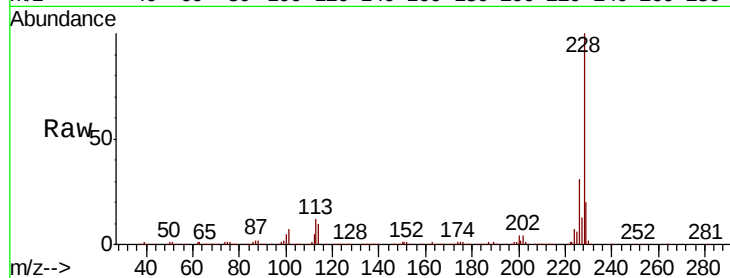
#83
Chrysene
Concen: 45.230 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion:228 Resp: 1500954
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.4
229 20.4 16.6 25.0

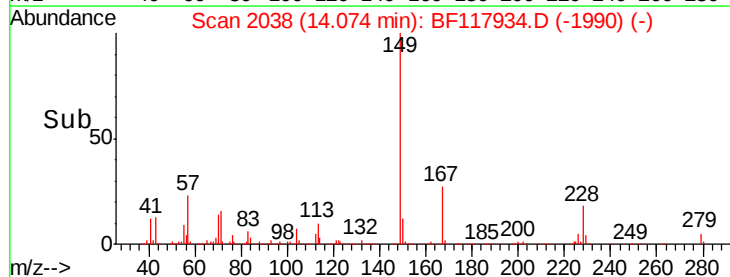
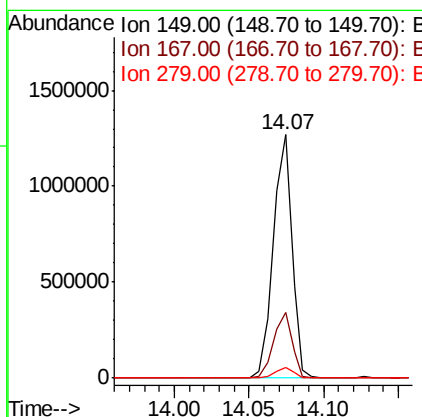
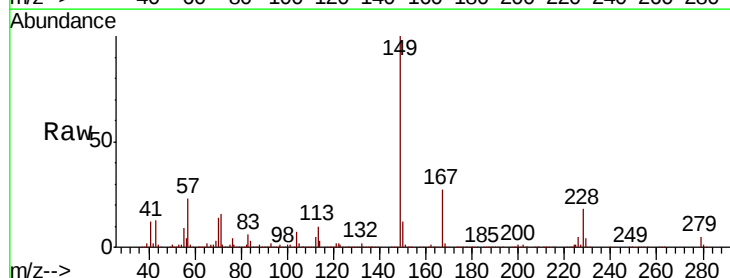
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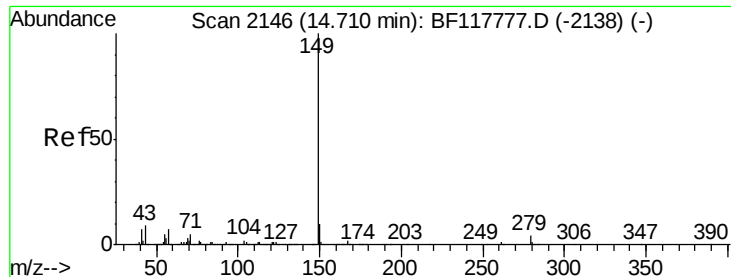
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.650 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion:149 Resp: 1104612
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.2
279 4.5 3.4 5.2





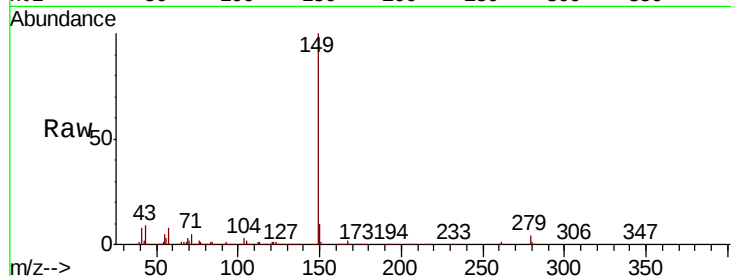
#85
Di-n-octyl phthalate
Concen: 52.723 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

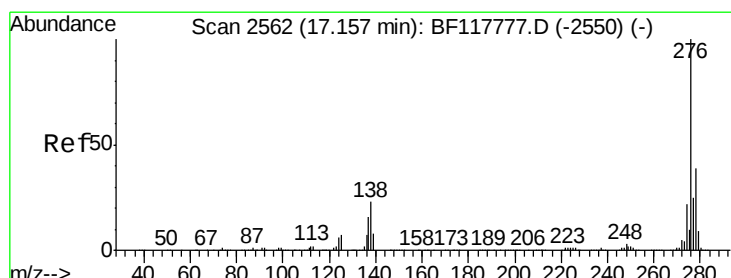
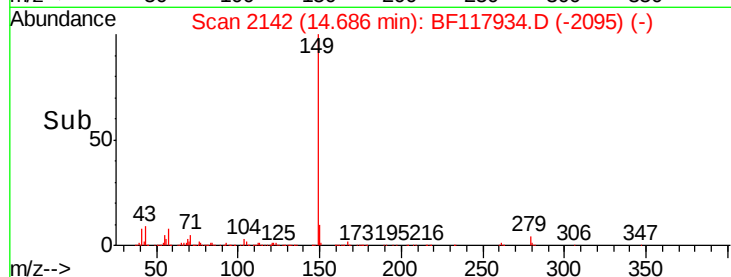
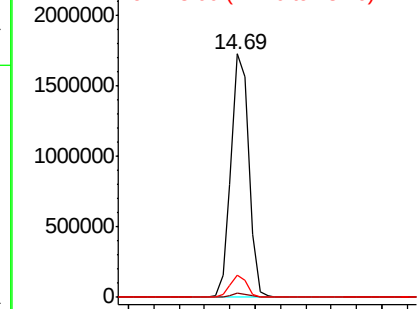
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.4	11.2

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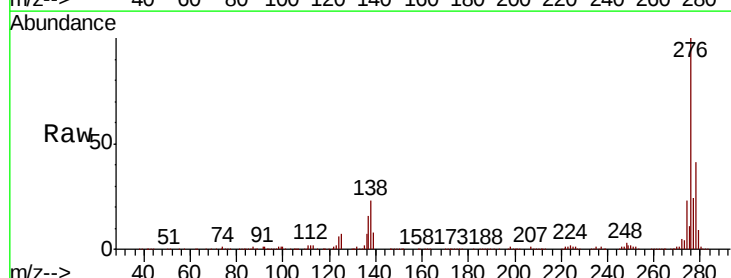


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

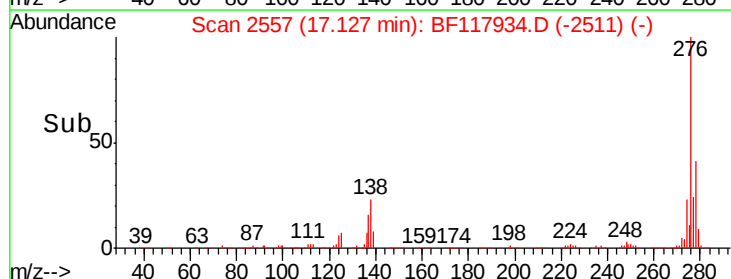
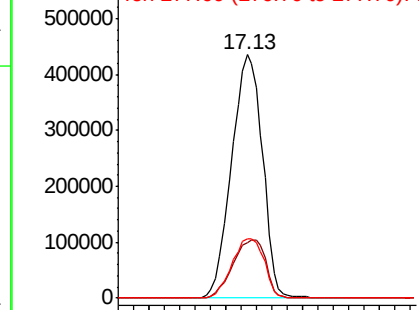


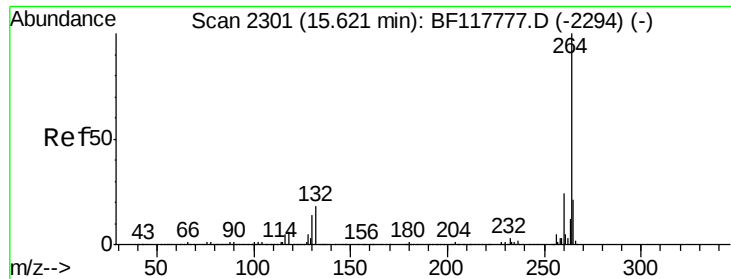
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.152 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.9	31.3
277	25.7	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





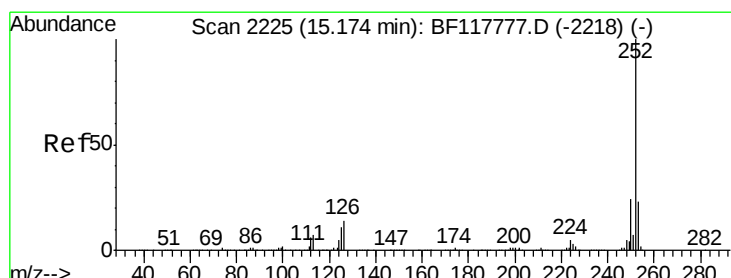
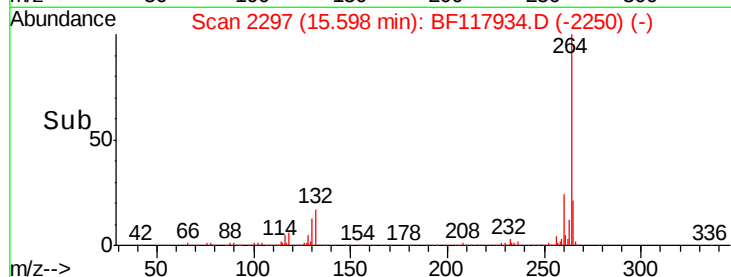
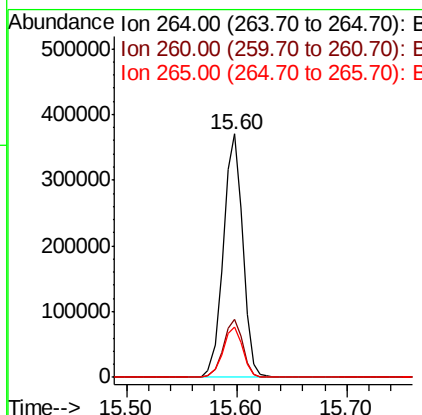
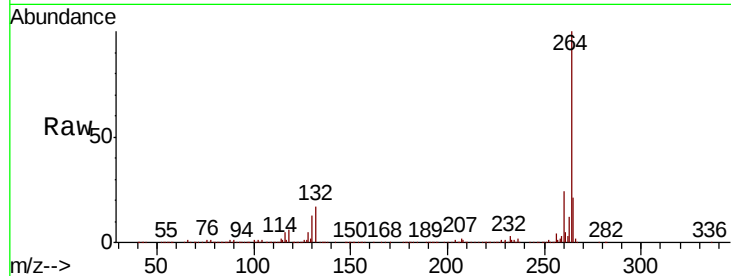
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	20.8	17.1	25.7

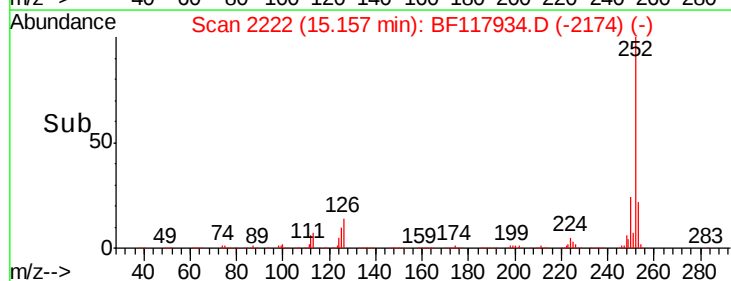
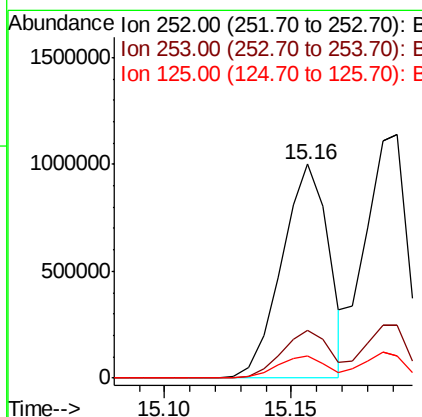
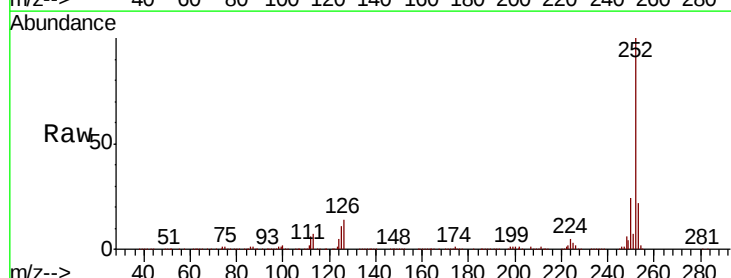
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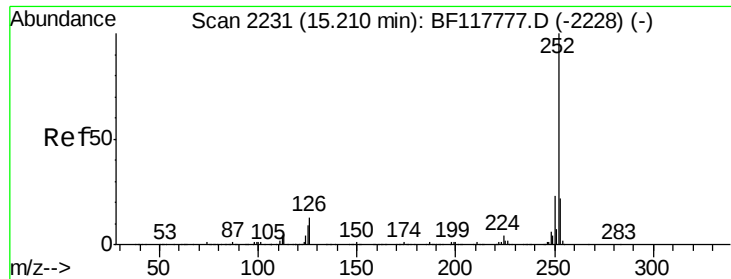
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#88
Benzo(b)fluoranthene
Concen: 43.417 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.6	8.6	13.0





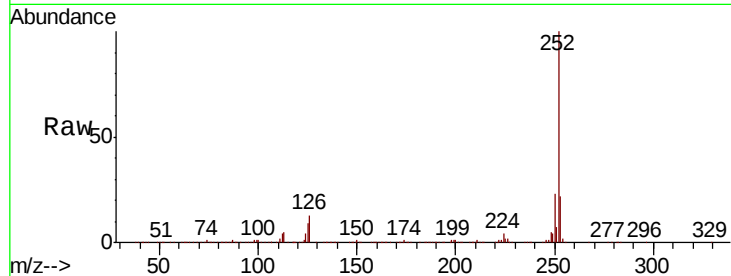
#89
Benzo(k)fluoranthene
Concen: 47.196 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.3	7.9	11.9

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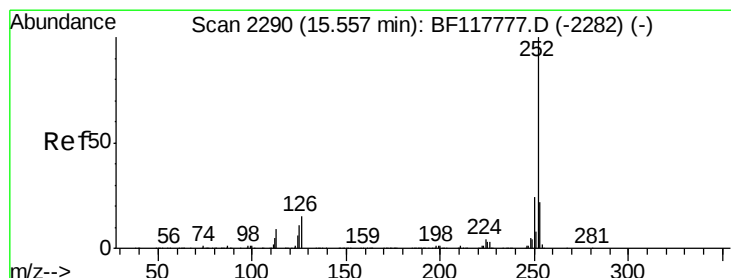
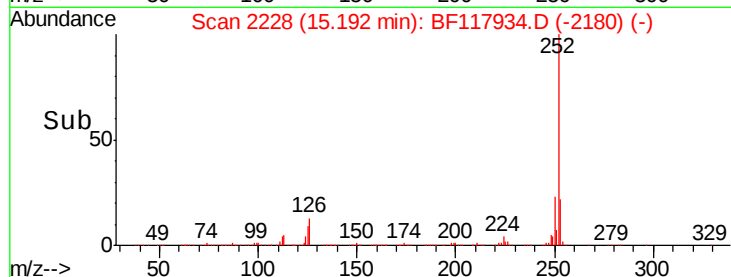
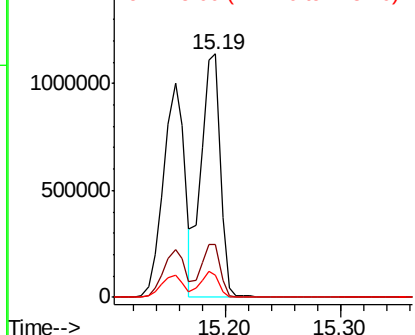


Abundance

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: 43.786 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

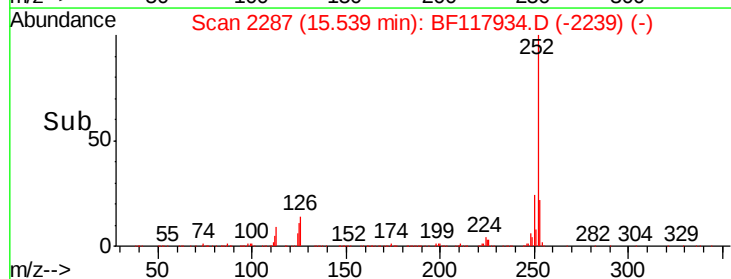
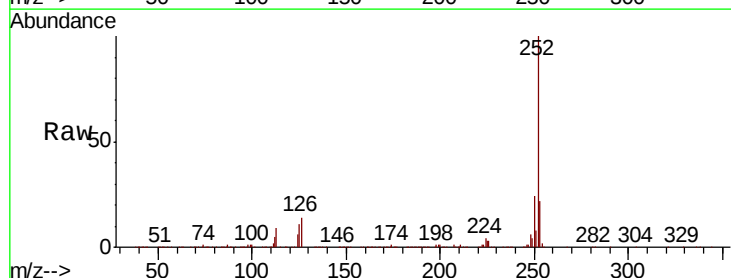
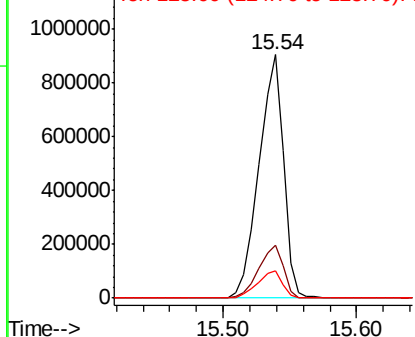
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.3	9.2	13.8

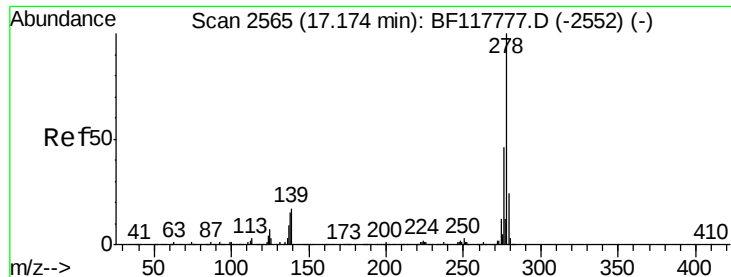
Abundance

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





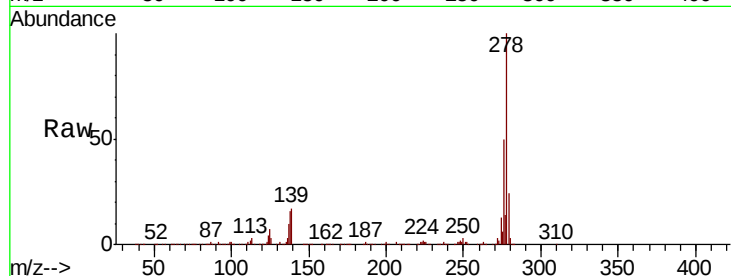
#91
Dibenzo(a,h)anthracene
Concen: 45.292 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.03 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.8	20.8
279	23.7	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 8:19:36 AM

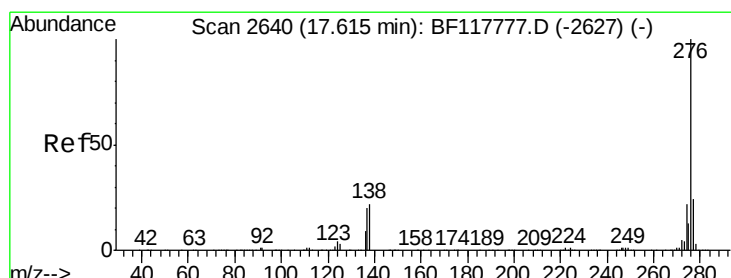
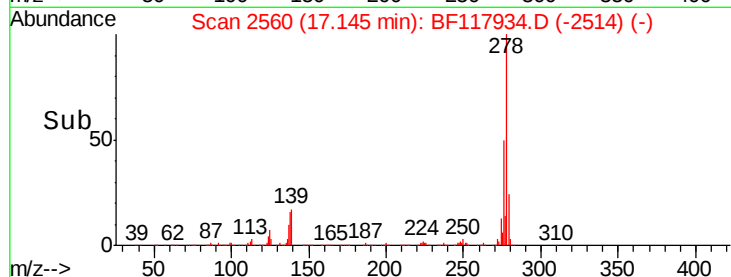
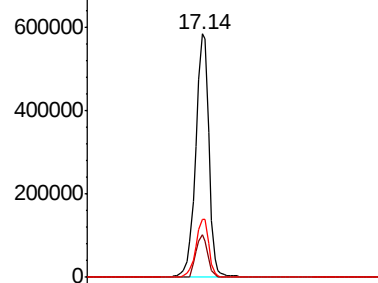


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.277 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.02 min
Lab File: BF117934.D
Acq: 22 Nov 2019 22:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.3	17.4	26.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

