

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119529.D
 Acq On : 26 Mar 2020 6:03
 Operator : CG/JU
 Sample : L2026-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Mar 26 07:44:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	325824	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1194458	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	569003	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	909271	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	605202	20.00	ng	-0.02
87) Perylene-d12	15.49	264	602994	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	2520569	123.15	ng	0.02
7) Phenol-d6	6.47	99	2748515	105.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	2235527	101.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	857538	146.08	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3811735	99.24	ng	-0.01
79) Terphenyl-d14	12.97	244	2861963	92.65	ng	-0.01

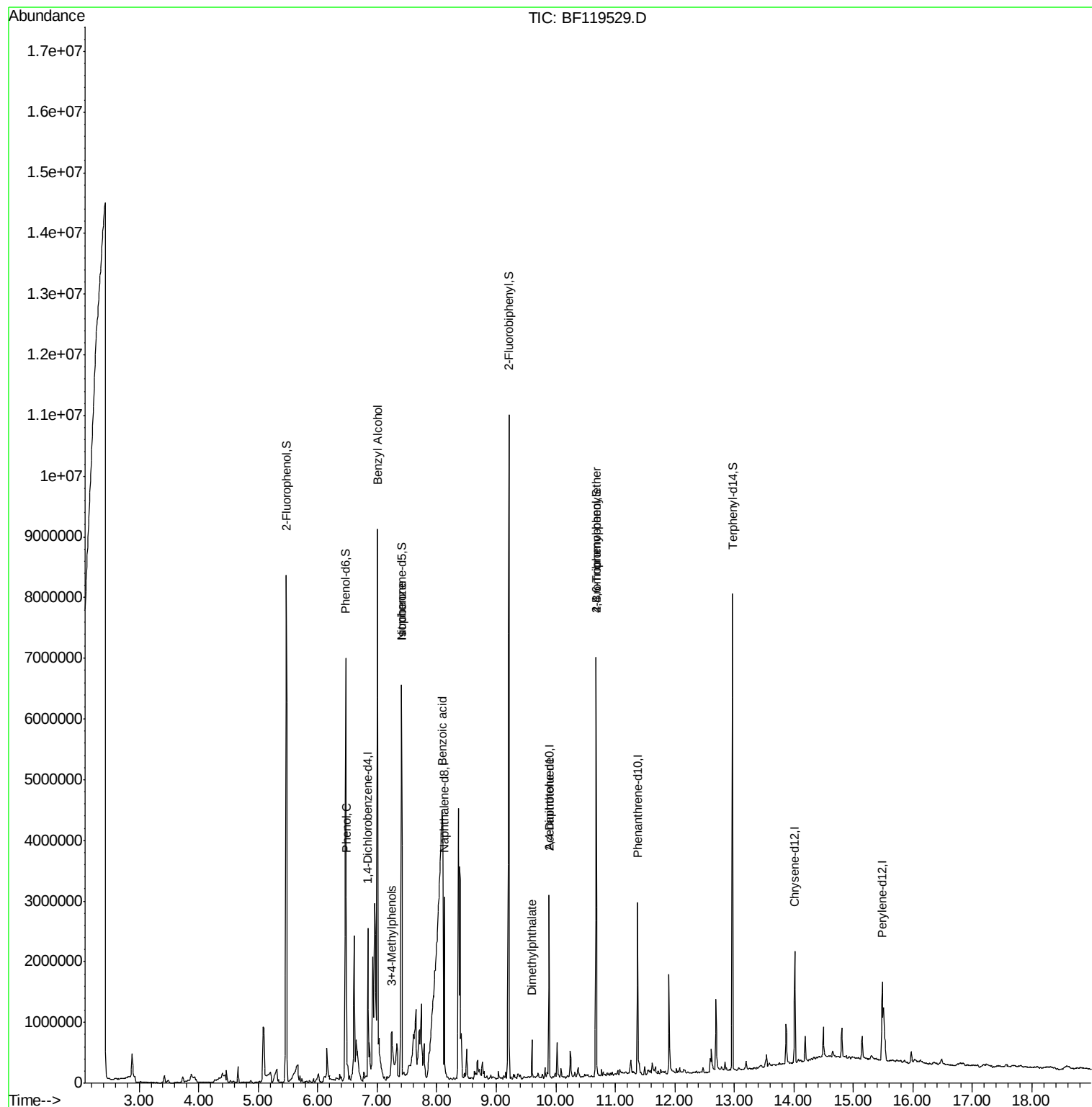
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	72713	2.606	ng	95
15) Benzyl Alcohol	7.00	79	79482	4.041	ng	# 53
20) 3+4-Methylphenols	7.24	107	131640	5.454	ng	# 78
25) Isophorone	7.41	82	2233779	50.104	ng	# 66
32) Benzoic acid	8.10	122	5759972	468.264	ng	98
50) Dimethylphthalate	9.60	163	228978	5.665	ng	100
57) 2,4-Dinitrotoluene	9.89	165	74101	6.790	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	53262	5.143	ng	# 1

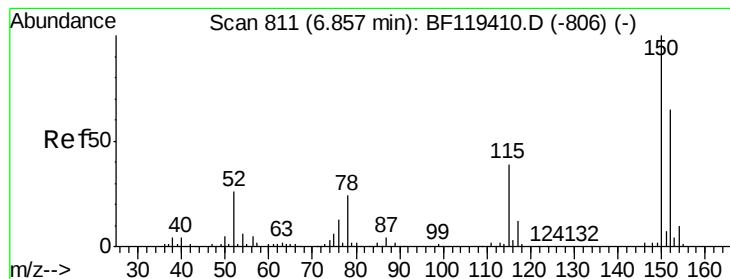
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
Data File : BF119529.D
Acq On : 26 Mar 2020 6:03
Operator : CG/JU
Sample : L2026-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Quant Time: Mar 26 07:44:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration



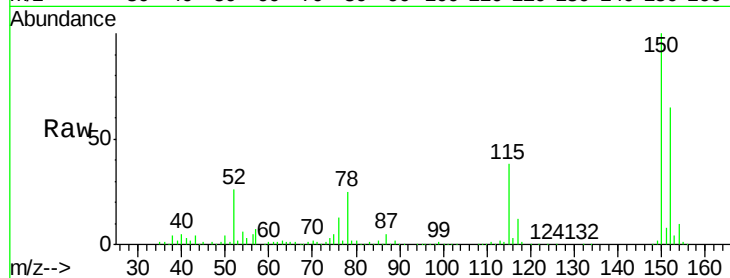


#1

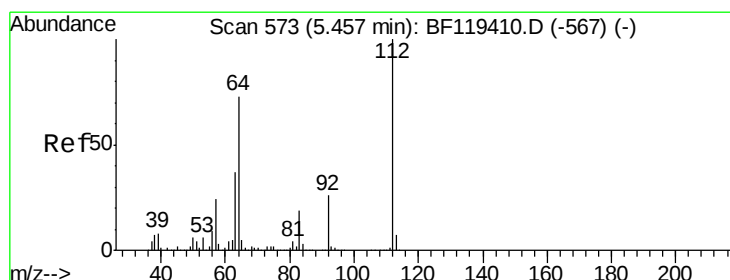
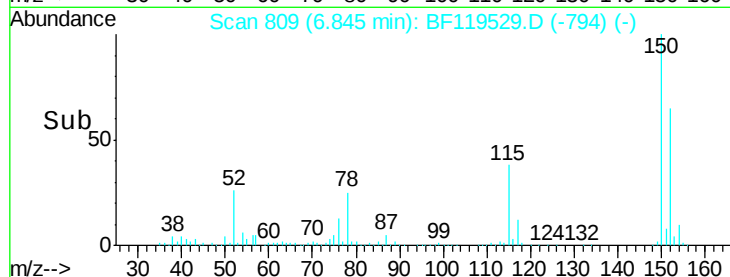
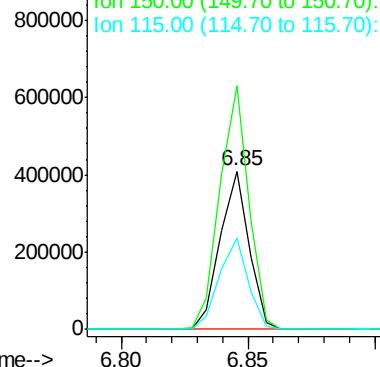
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:152 Resp: 325824
Ion Ratio Lower Upper
152 100
150 153.9 123.9 185.9
115 58.0 47.8 71.6



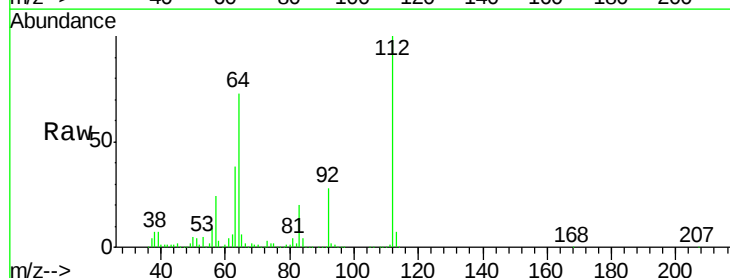
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



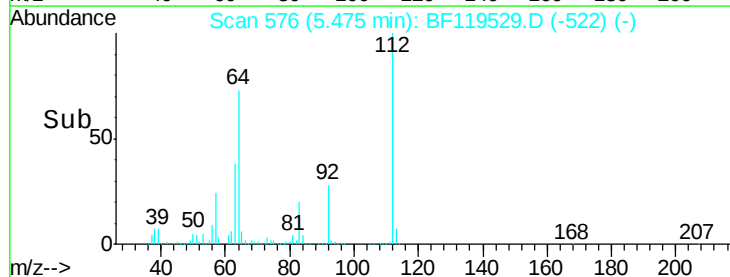
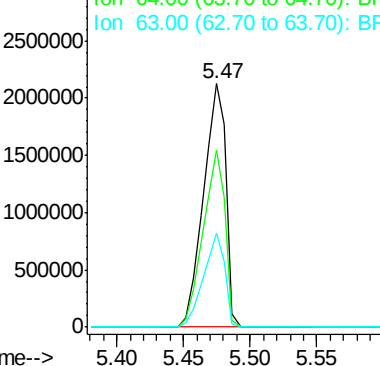
#5

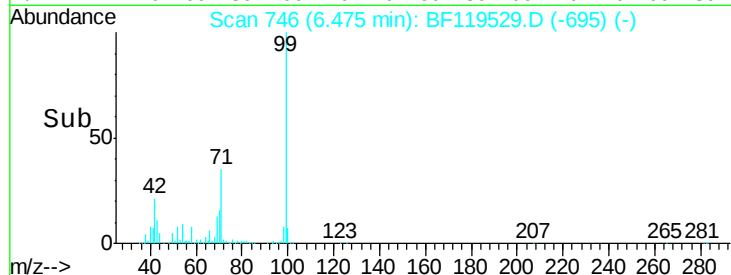
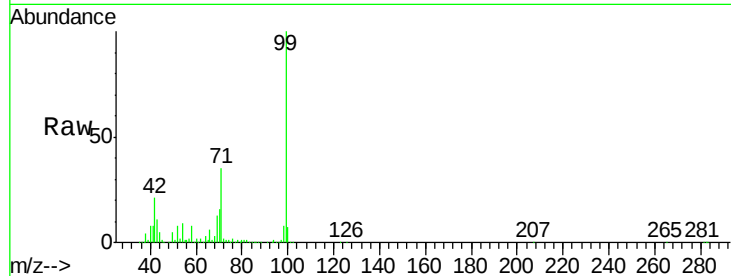
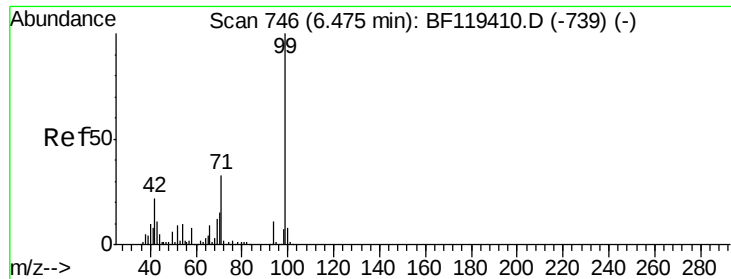
2-Fluorophenol
Concen: 123.150 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Tgt Ion:112 Resp: 2520569
Ion Ratio Lower Upper
112 100
64 72.6 58.1 87.1
63 38.4 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.122 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

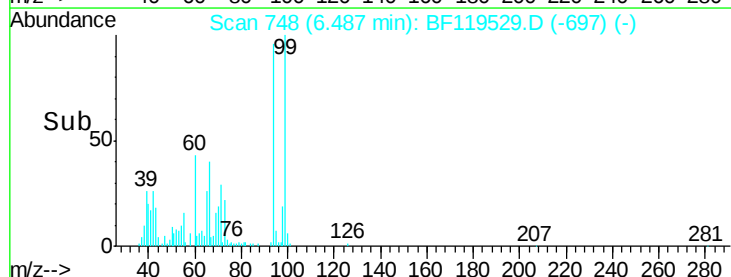
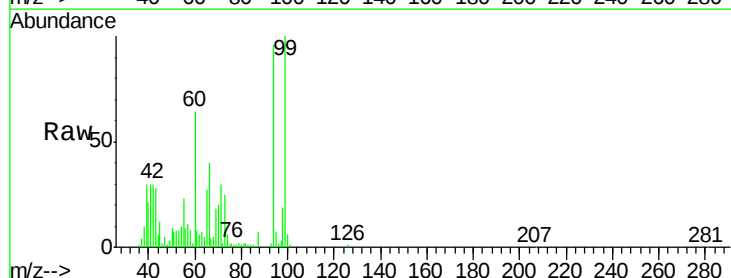
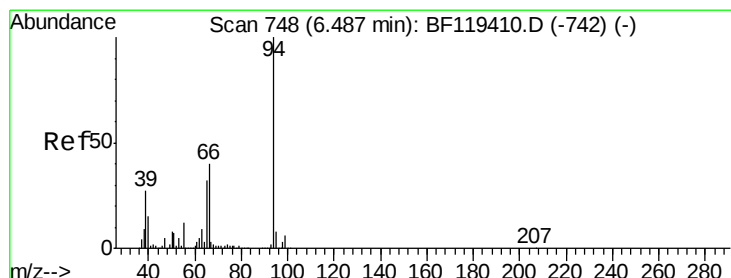
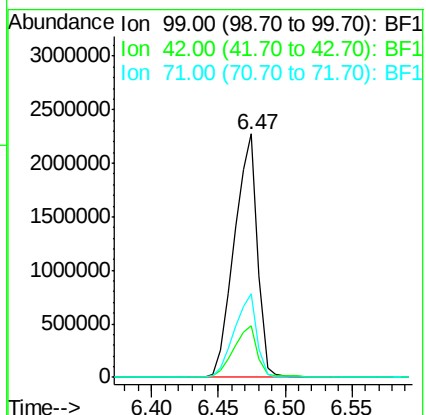
Tgt Ion: 99 Resp: 2748515

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

71 34.6 26.0 39.0



#10

Phenol

Concen: 2.606 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

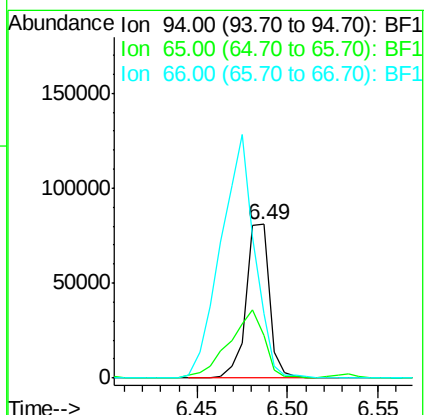
Tgt Ion: 94 Resp: 72713

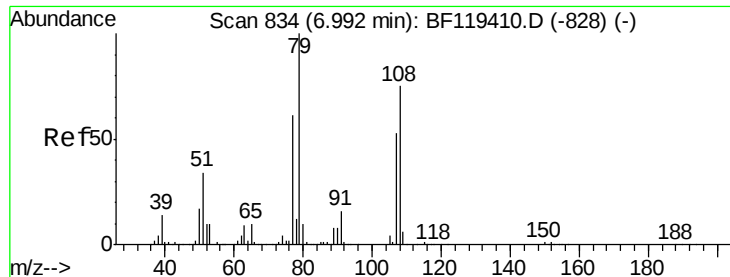
Ion Ratio Lower Upper

94 100

65 28.0 12.0 52.0

66 42.1 20.6 60.6





#15

Benzyl Alcohol

Concen: 4.041 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

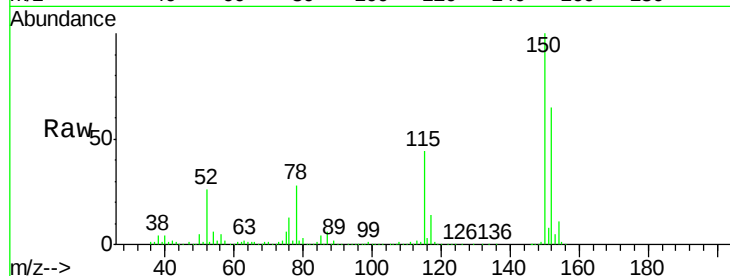
Tgt Ion: 79 Resp: 79482

Ion Ratio Lower Upper

79 100

108 30.4 60.4 90.6#

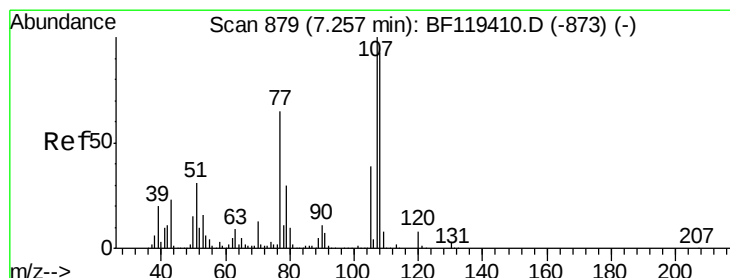
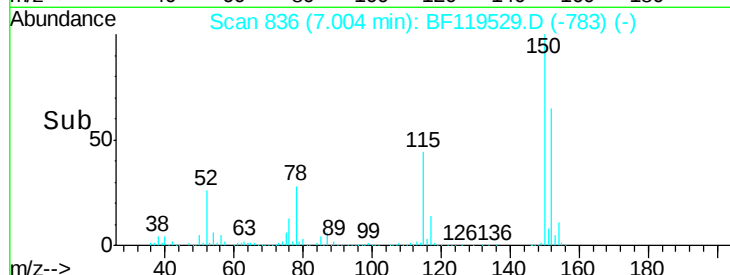
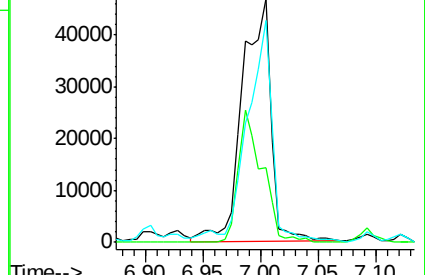
77 91.1 49.0 73.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#20

3+4-Methylphenols

Concen: 5.454 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

Tgt Ion: 107 Resp: 131640

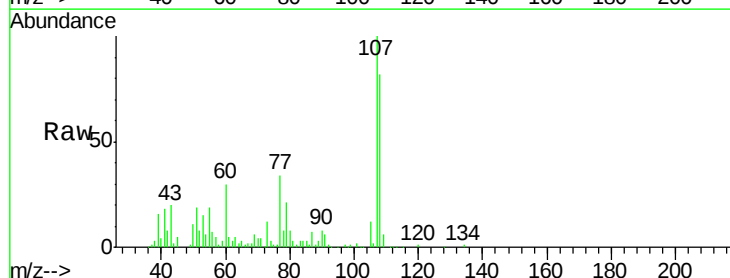
Ion Ratio Lower Upper

107 100

108 81.5 72.6 112.6

77 33.9 44.7 84.7#

79 21.1 10.2 50.2

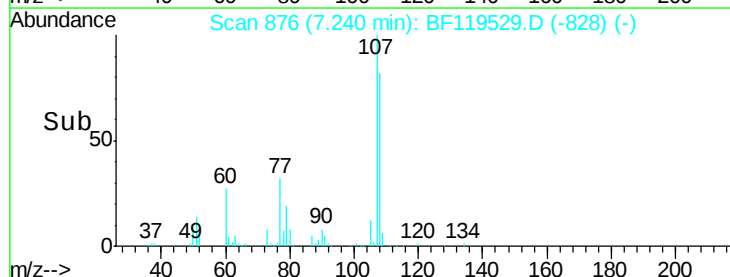
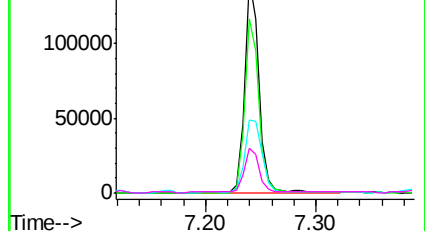


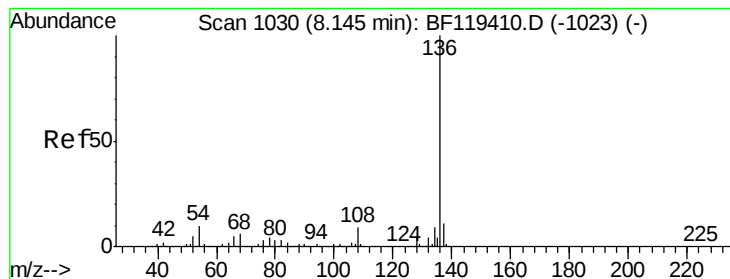
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

Tgt Ion:136 Resp: 1194458

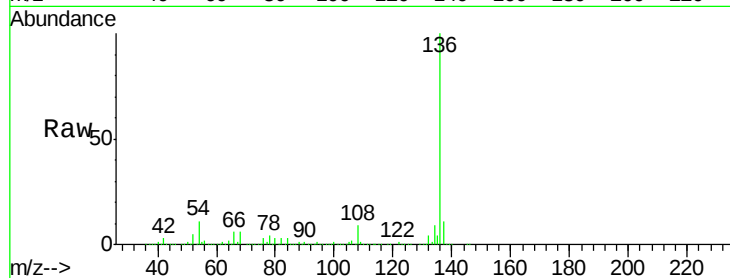
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.2 8.3 12.5

68 5.9 4.9 7.3

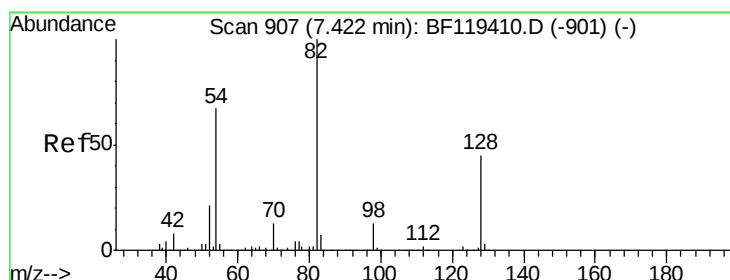
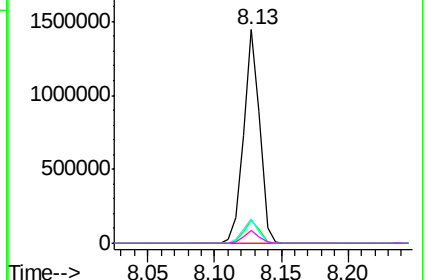
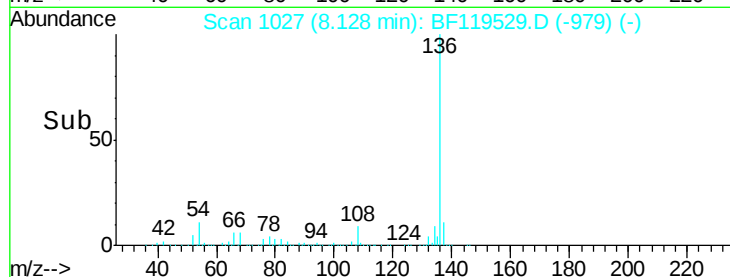


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 101.717 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

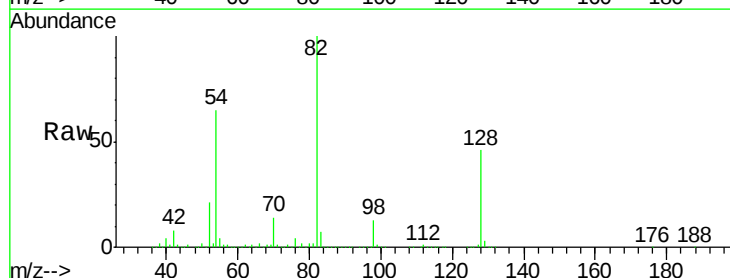
Tgt Ion: 82 Resp: 2235527

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.8

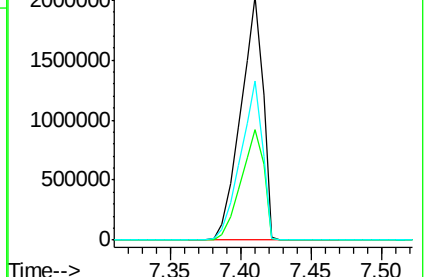
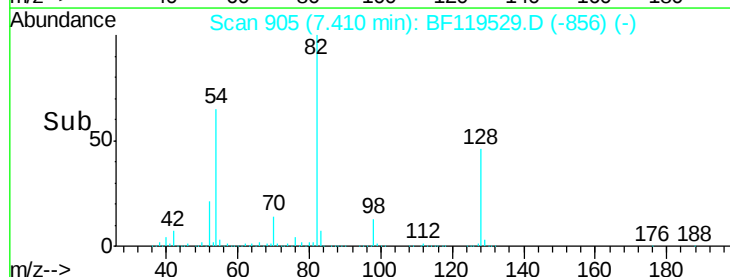
54 65.2 53.4 80.0

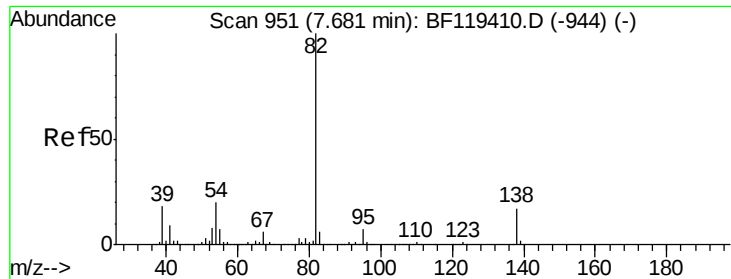


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.104 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

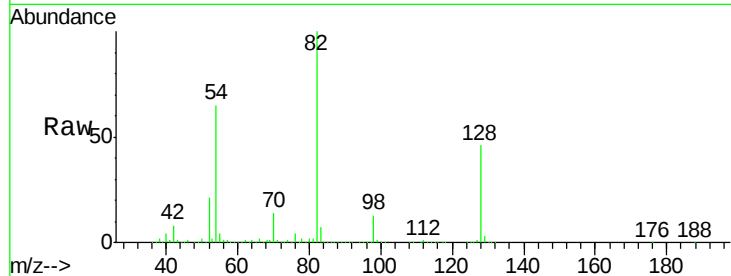
Tgt Ion: 82 Resp: 2233779

Ion Ratio Lower Upper

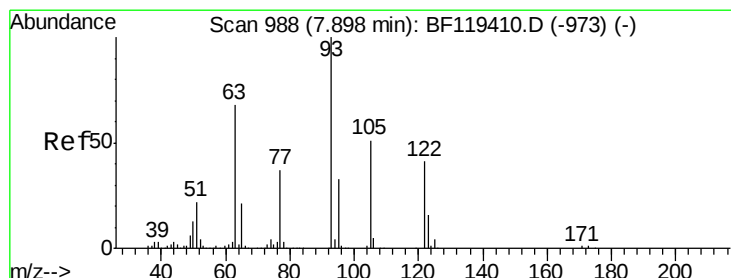
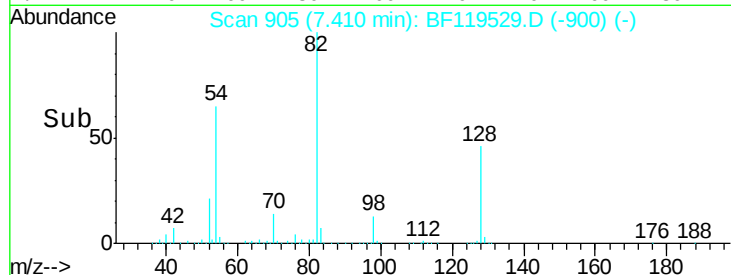
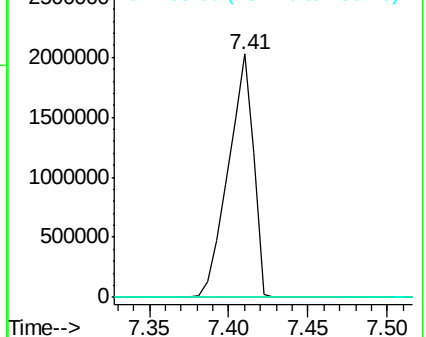
82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 468.264 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.20 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

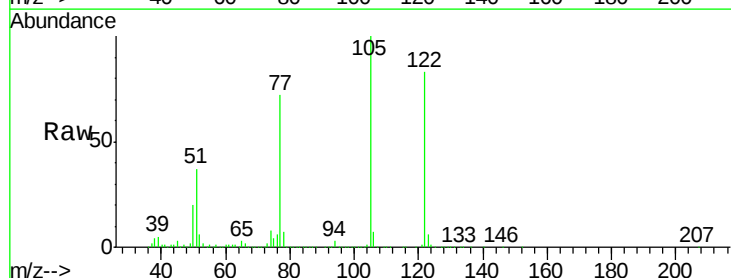
Tgt Ion:122 Resp: 5759972

Ion Ratio Lower Upper

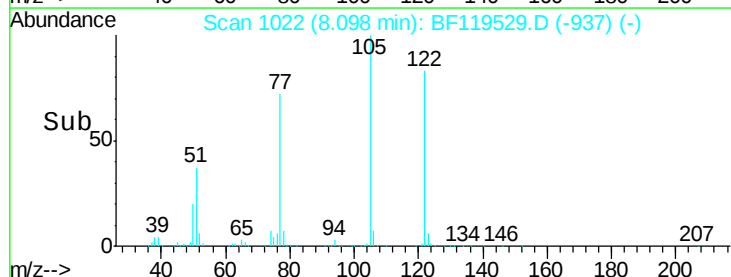
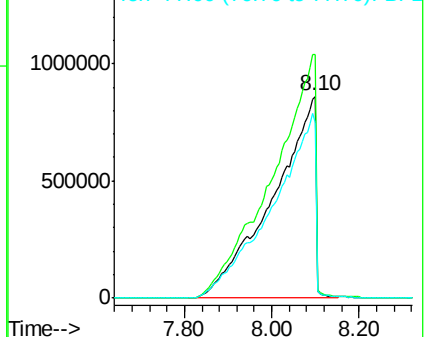
122 100

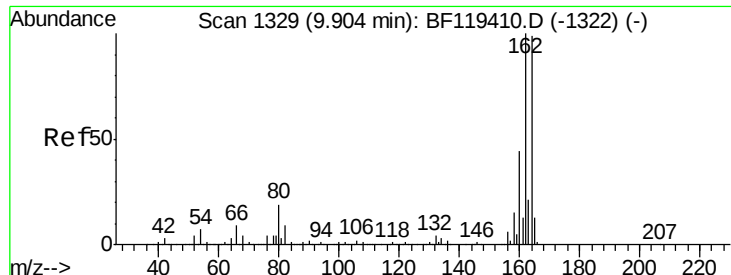
105 120.7 102.9 142.9

77 87.4 70.1 110.1



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

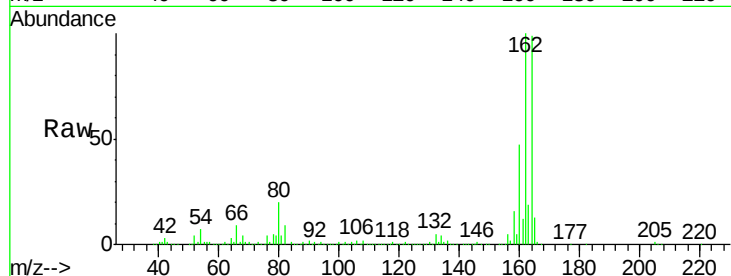




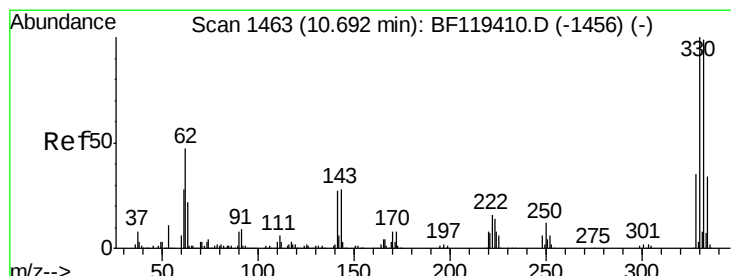
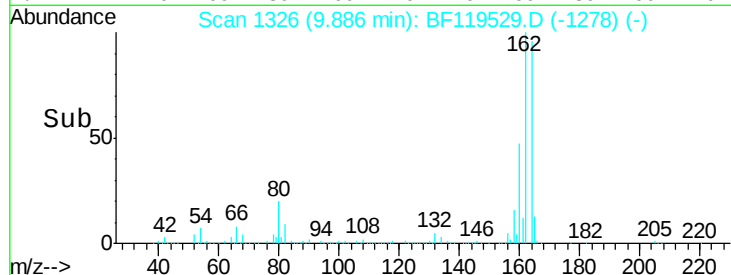
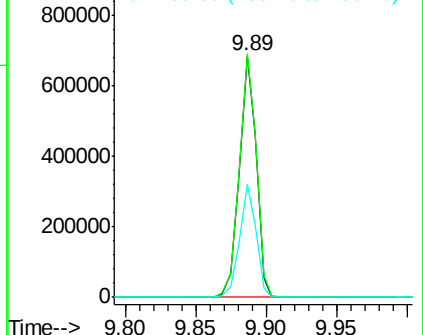
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:164 Resp: 569003
Ion Ratio Lower Upper
164 100
162 100.9 80.7 121.1
160 47.1 35.5 53.3

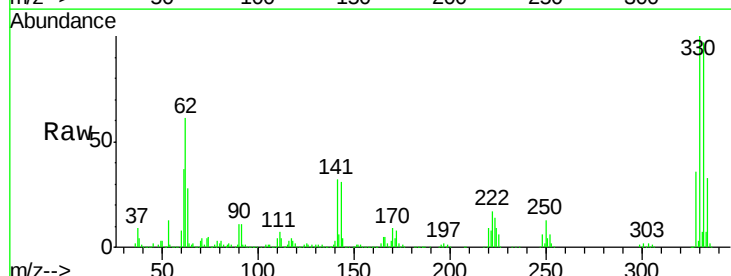


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

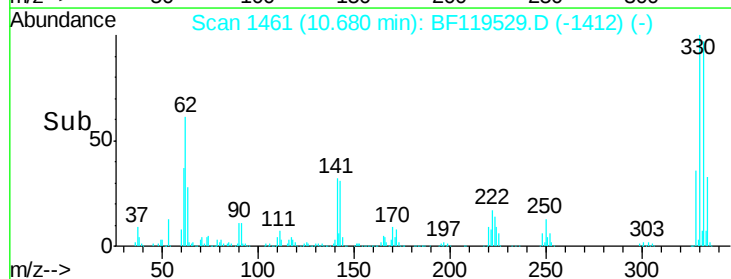
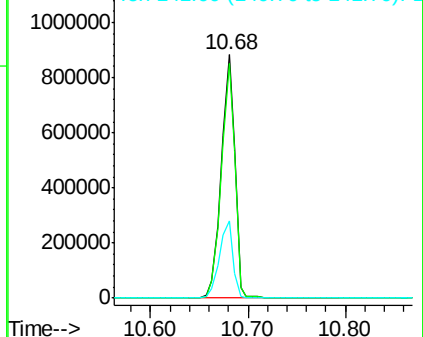


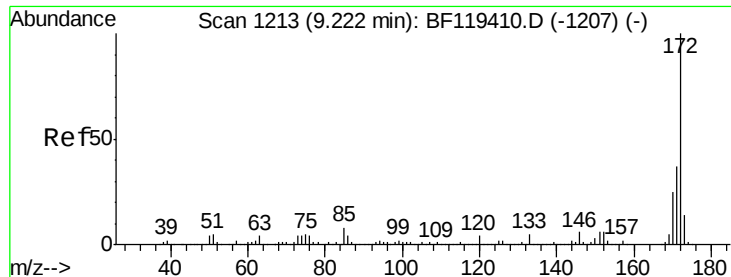
#42
2,4,6-Tribromophenol
Concen: 146.083 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Tgt Ion:330 Resp: 857538
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 31.6 26.6 40.0



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

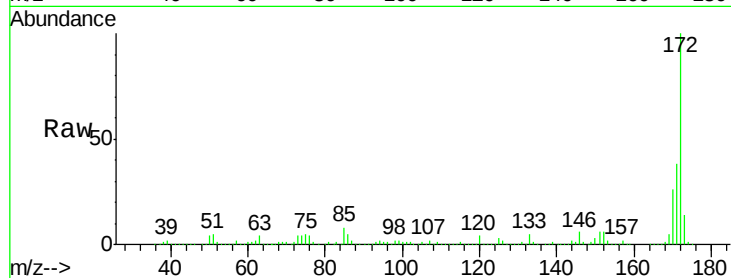




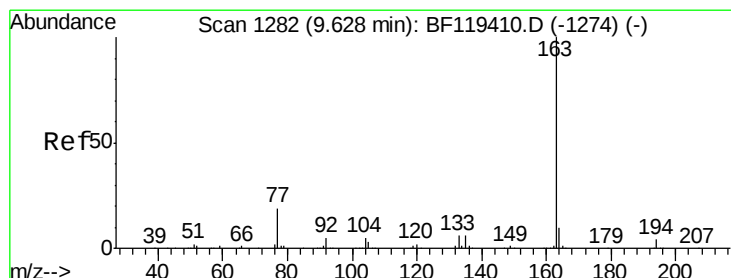
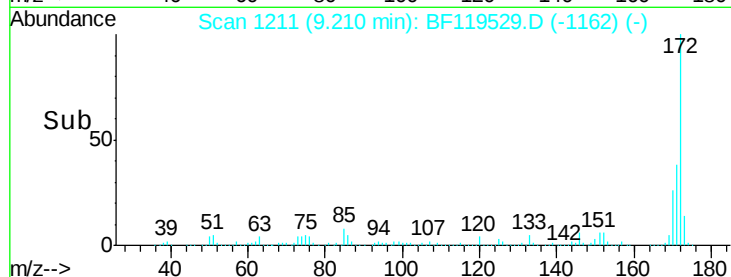
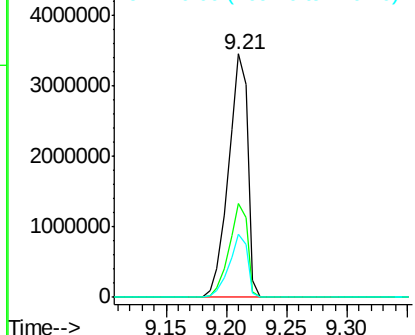
#45
2-Fluorobiphenyl
Concen: 99.243 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion:172 Resp: 3811735
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 25.8 20.1 30.1

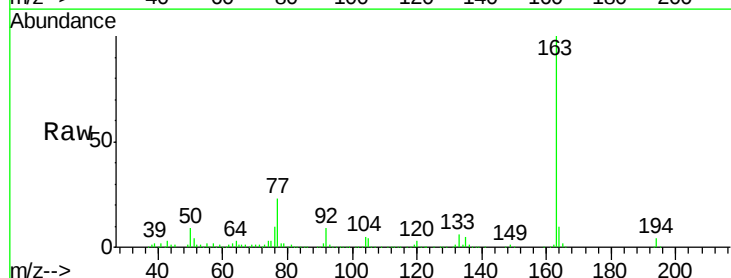


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

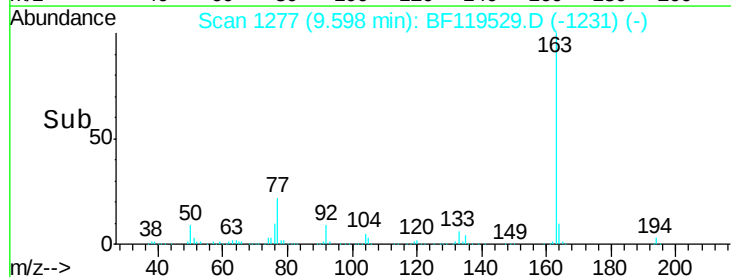
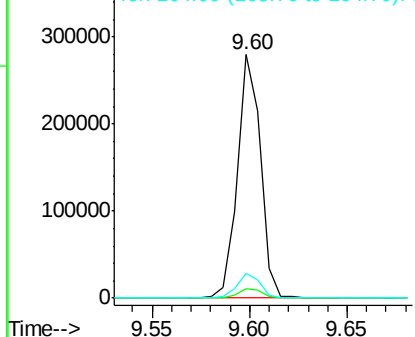


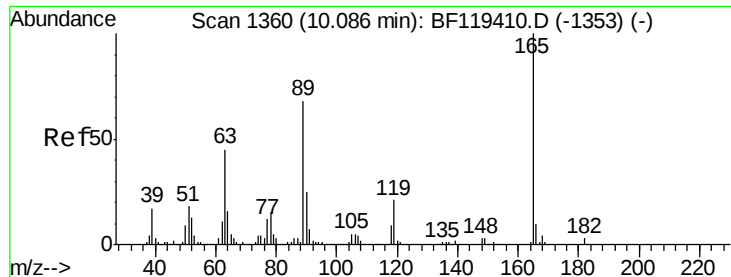
#50
Dimethylphthalate
Concen: 5.665 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Tgt Ion:163 Resp: 228978
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.1 12.1



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

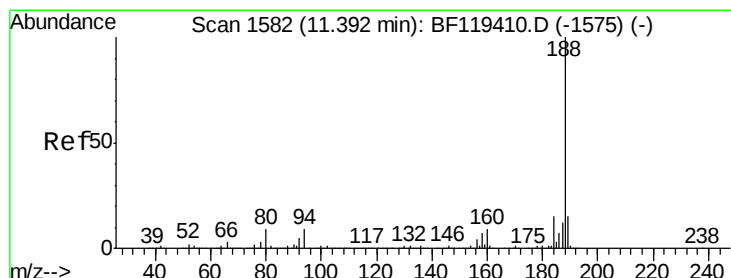
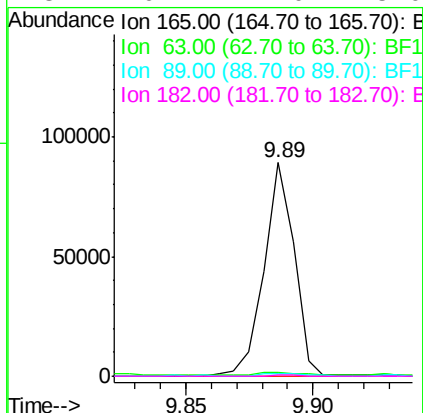
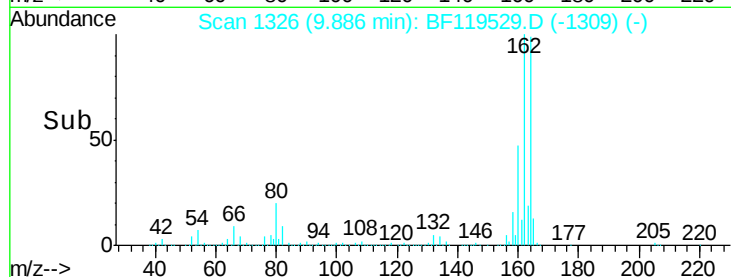
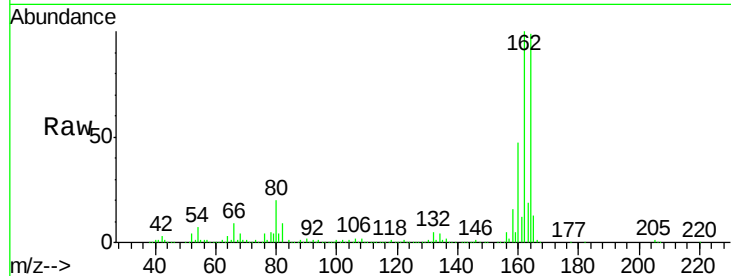




#57
 2,4-Dinitrotoluene
 Concen: 6.790 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF119529.D
 Acq: 26 Mar 2020 6:03

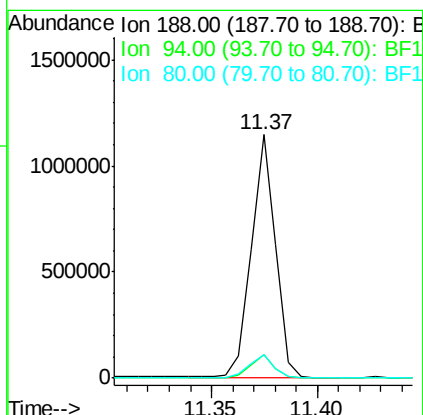
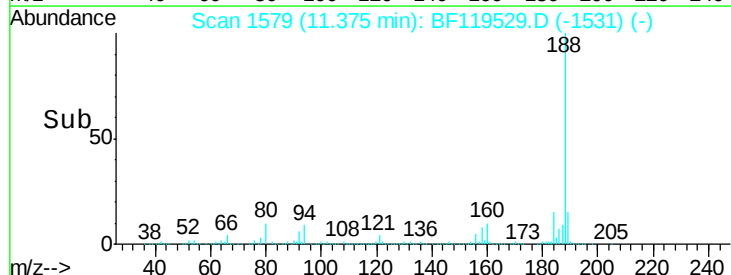
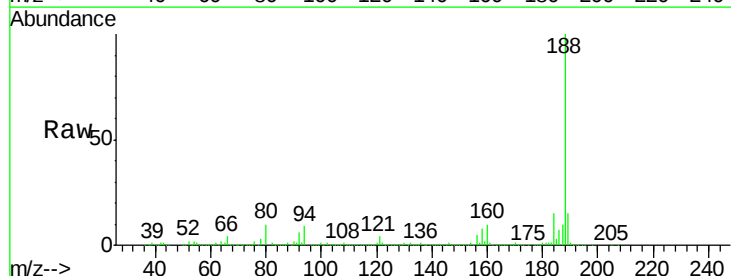
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

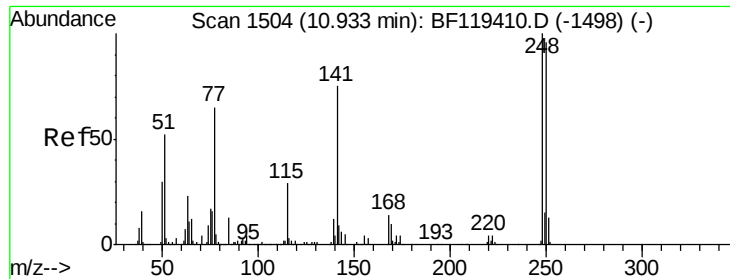
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.2	54.4#
89	1.2	54.3	81.5#
182	0.4	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF119529.D
 Acq: 26 Mar 2020 6:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	9.6	7.5	11.3

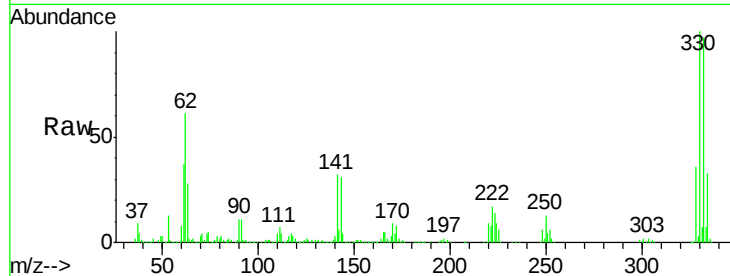




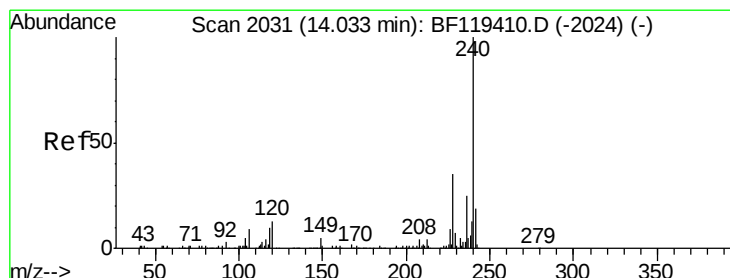
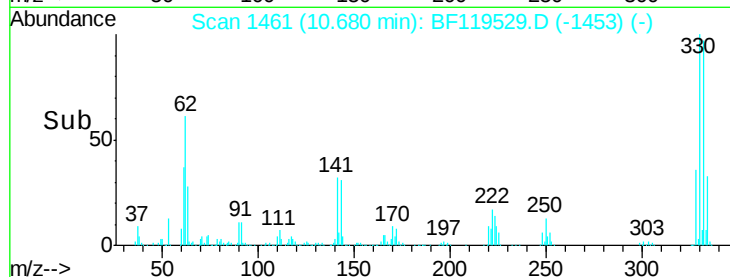
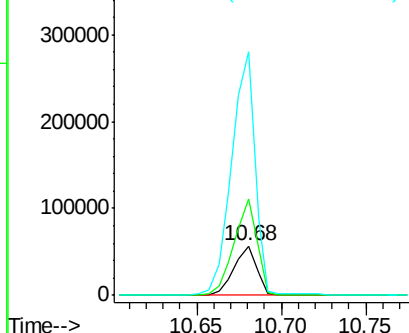
#67
 4-Bromophenyl-phenylether
 Concen: 5.143 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF119529.D
 Acq: 26 Mar 2020 6:03

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Tgt Ion:248 Resp: 53262
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.0 115.6#
 141 496.3 59.7 89.5#

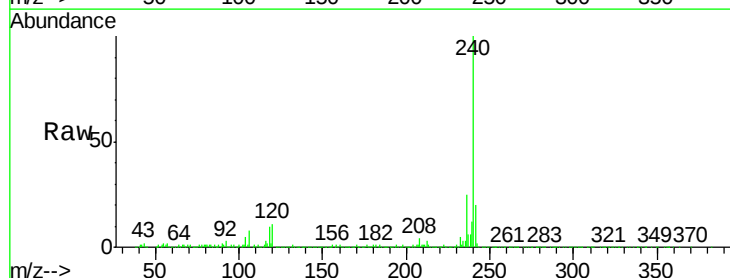


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

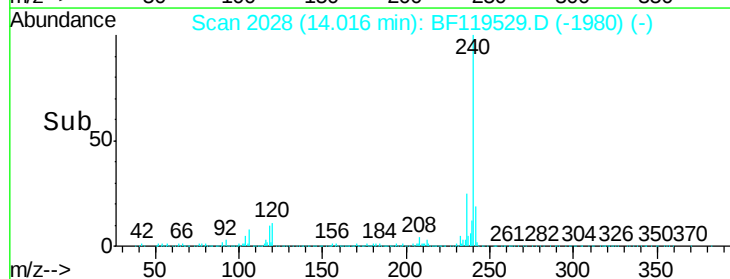
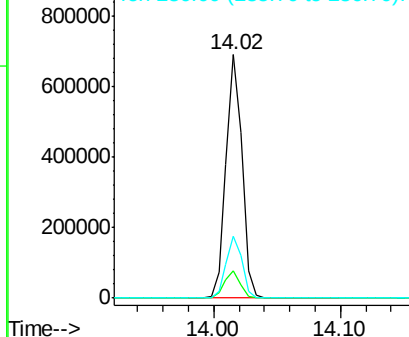


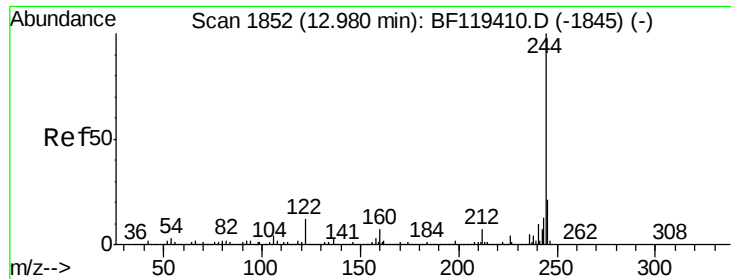
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF119529.D
 Acq: 26 Mar 2020 6:03

Tgt Ion:240 Resp: 605202
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.2 15.4
 236 25.4 20.4 30.6



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





#79

Terphenyl-d14

Concen: 92.650 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

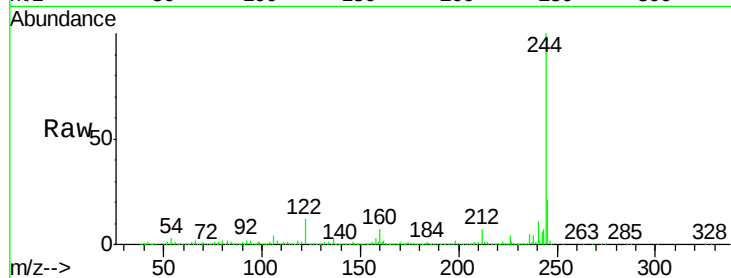
Tgt Ion:244 Resp: 2861963

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

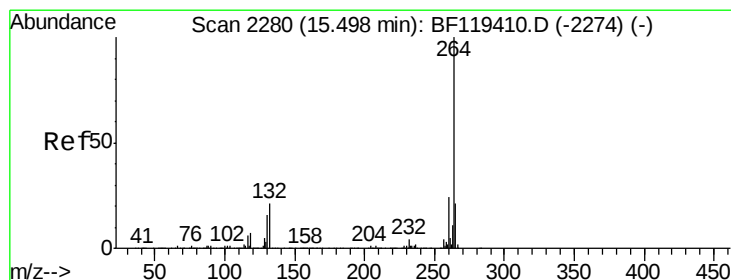
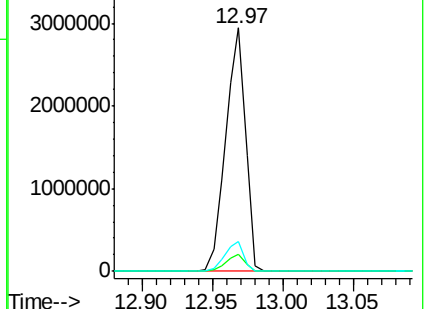
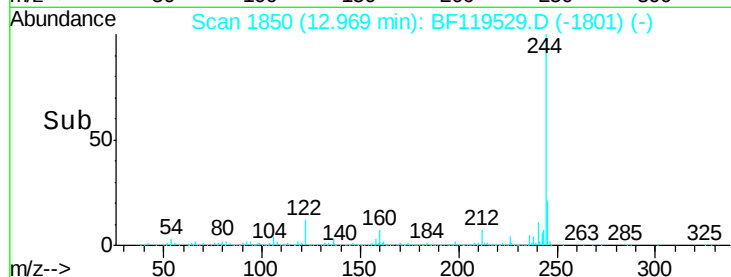
122 12.1 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119529.D

Acq: 26 Mar 2020 6:03

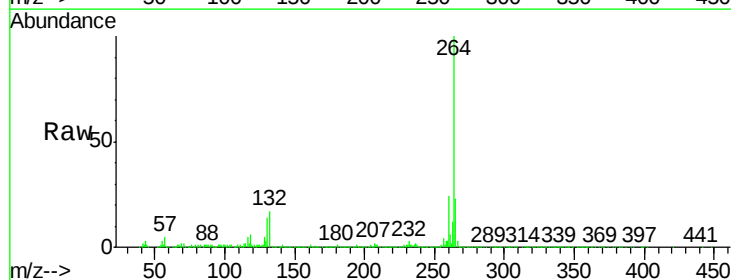
Tgt Ion:264 Resp: 602994

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.8 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

