

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 08:00:51 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

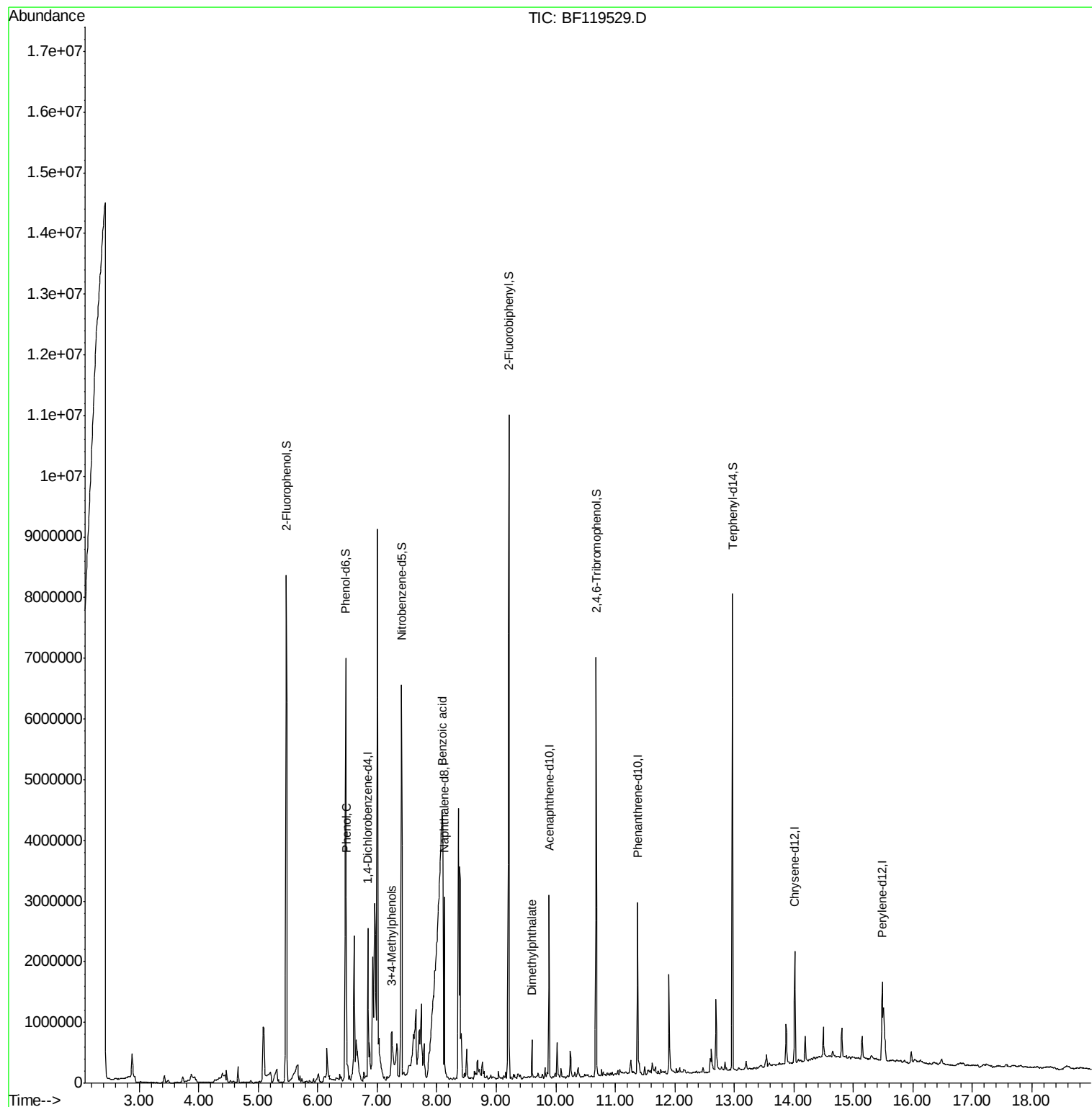
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	325824	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1194458	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	569003	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	909271	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	605202	20.00	ng	-0.02
87) Perylene-d12	15.49	264	602994	20.00	ng	-0.01
System Monitoring Compounds						
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						
10) Phenol	6.49	94	72713	2.606	ng	95
20) 3+4-Methylphenols	7.24	107	131640	5.454	ng	# 78
32) Benzoic acid	8.10	122	5759972	468.264	ng	98
50) Dimethylphthalate	9.60	163	228978	5.665	ng	100

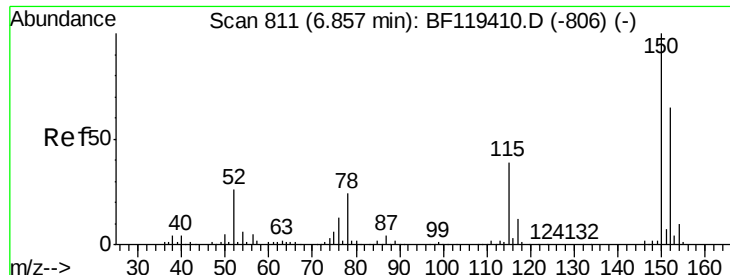
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

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ClientSampleId :

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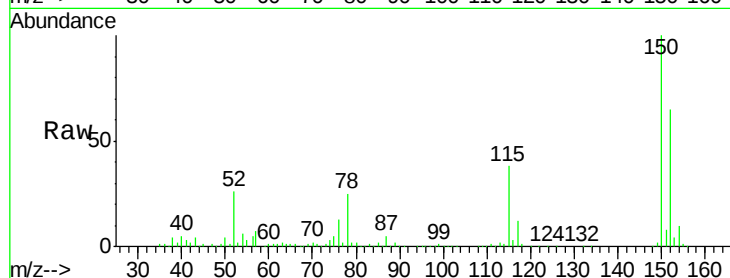
Tot Ion:152 Resp: 325824

Ion Ratio Lower Upper

152 100

150 153.9 123.9 185.9

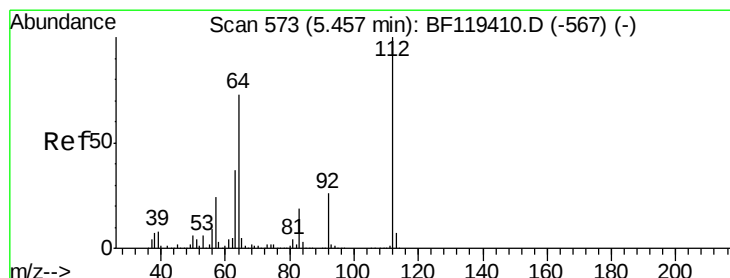
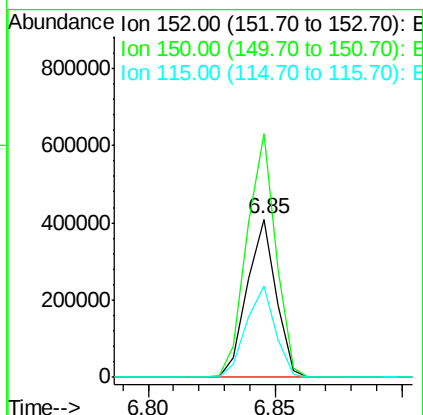
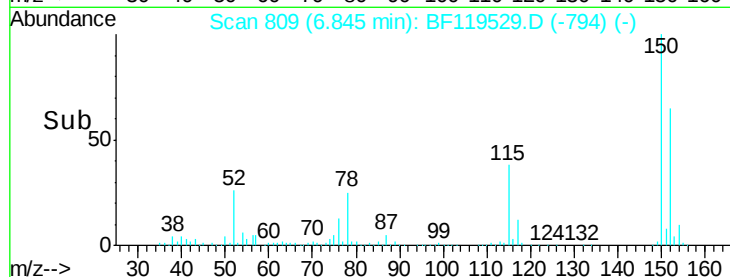
115 58.0 47.8 71.6



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

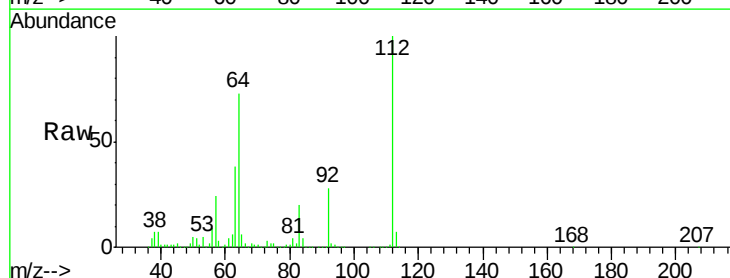
Tgt Ion:112 Resp: 2520569

Ion Ratio Lower Upper

112 100

64 72.6 58.1 87.1

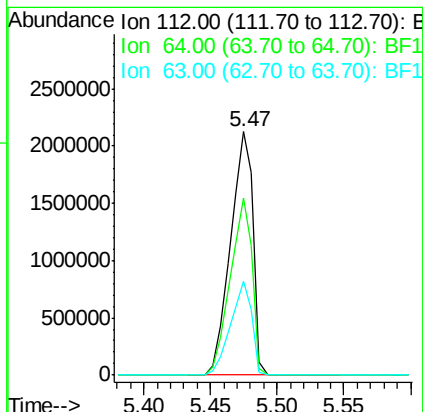
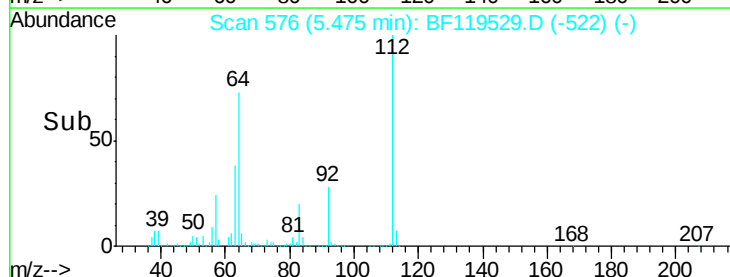
63 38.4 29.7 44.5

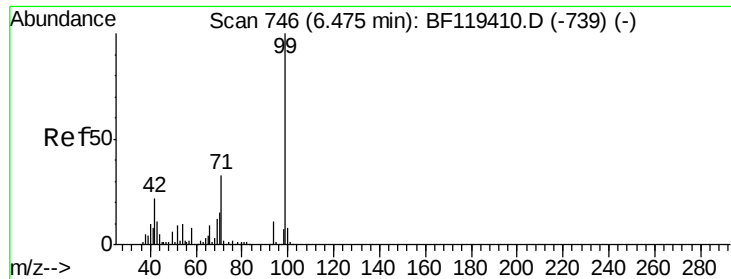


Abundance Ion 112.00 (111.70 to 112.70): E

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

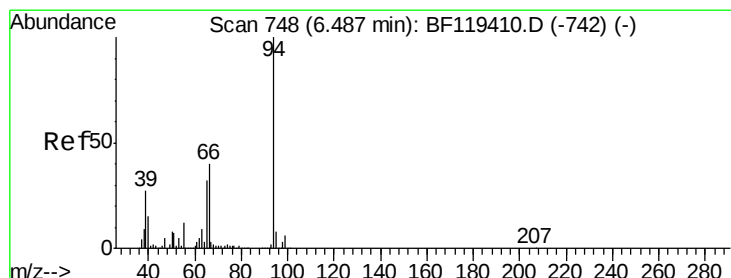
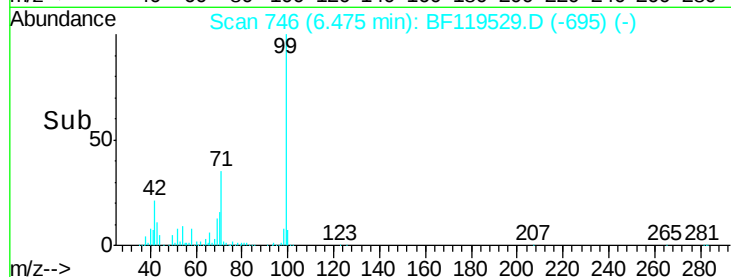
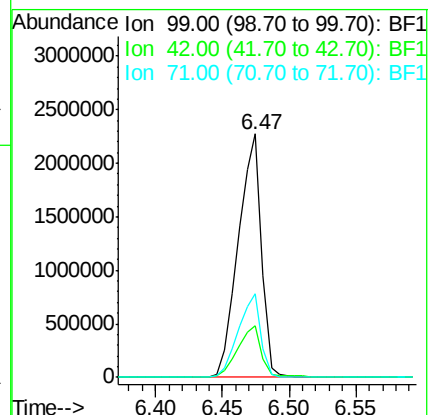
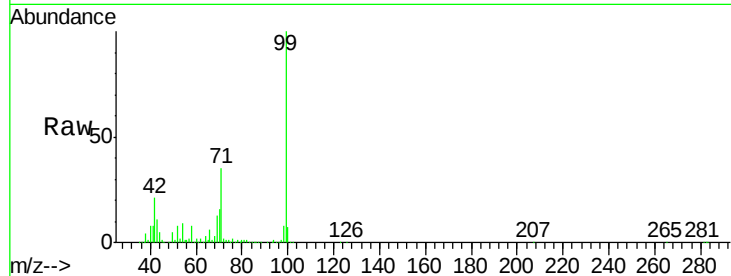
Tot Ion: 99 Resp: 2748515

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

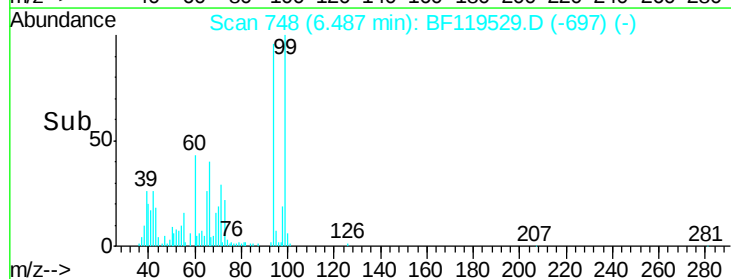
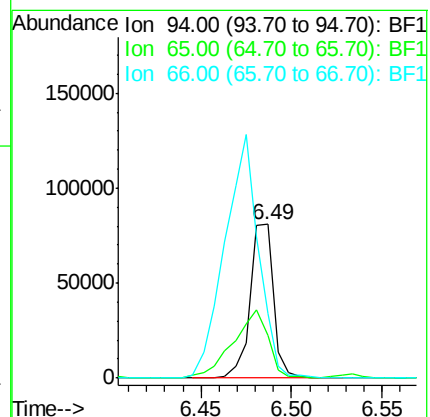
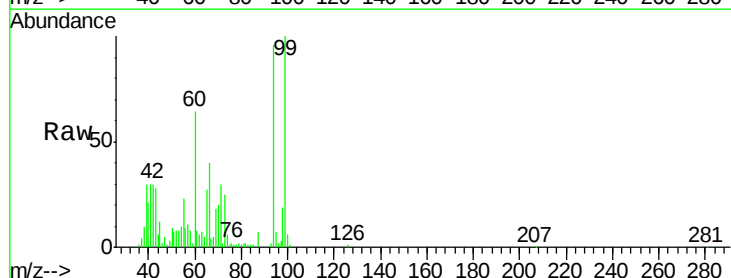
Tgt Ion: 94 Resp: 72713

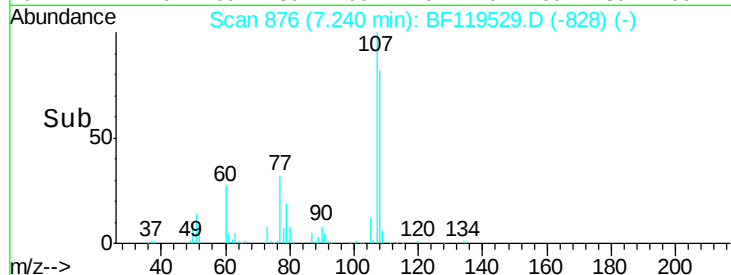
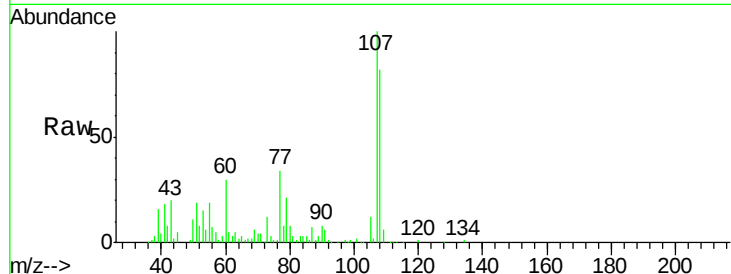
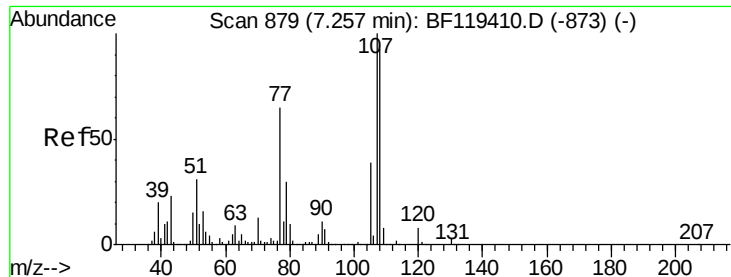
Ion Ratio Lower Upper

94 100

65 28.0 12.0 52.0

66 42.1 20.6 60.6

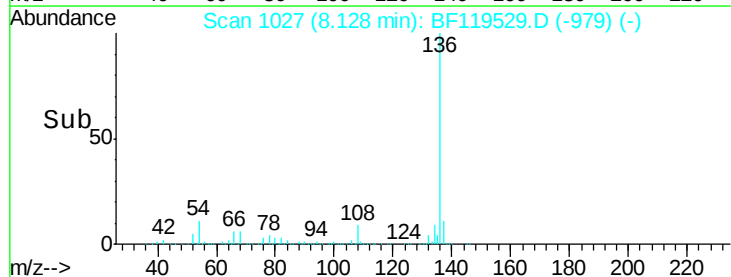
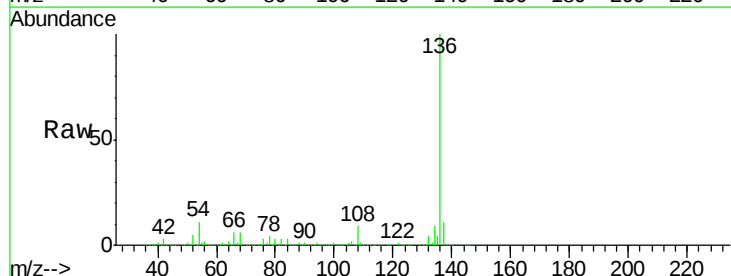
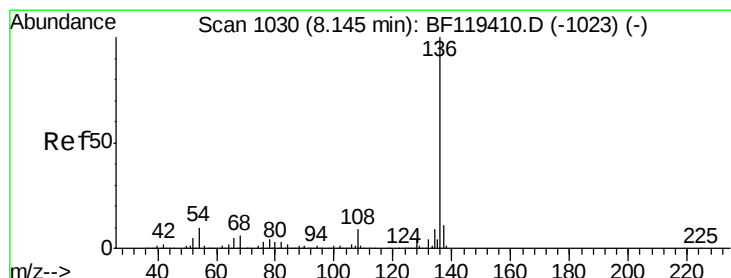
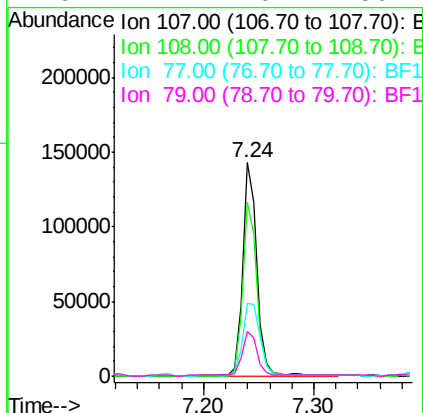




#20
3+4-Methylphenols
Concen: 5.454 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

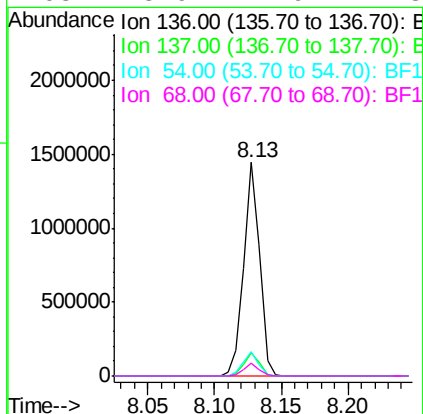
Instrument :
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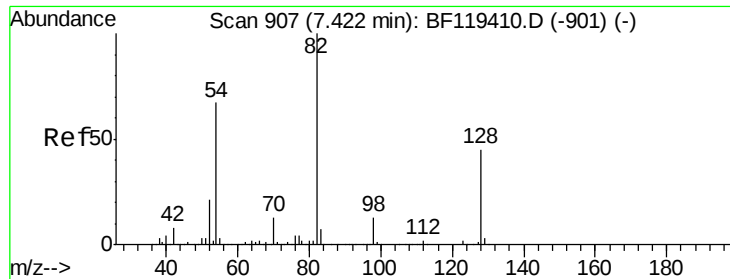
Tot Ion	Ratio	Lower	Upper
107	100		
108	81.5	72.6	112.6
77	33.9	44.7	84.7#
79	21.1	10.2	50.2



#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

Tgt 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

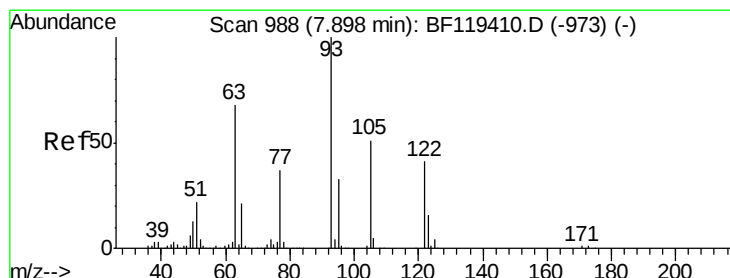
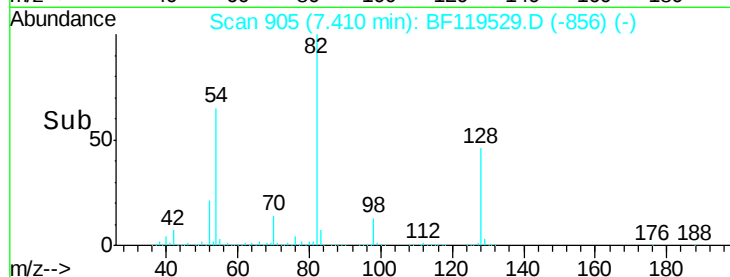
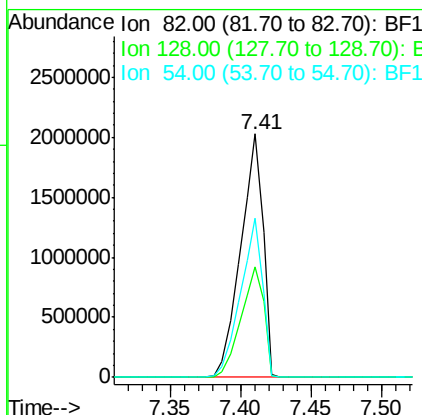
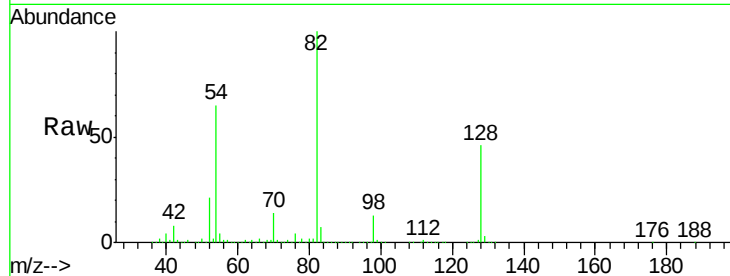




#23
Nitrobenzene-d5
Concen: 101.717 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

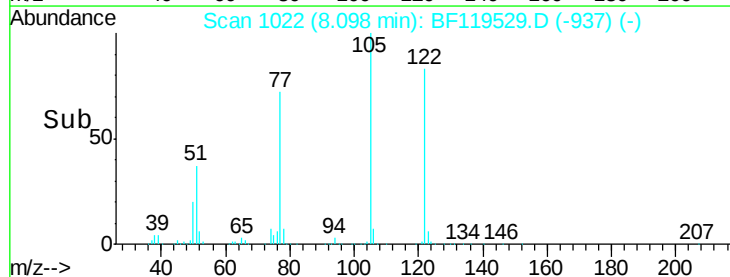
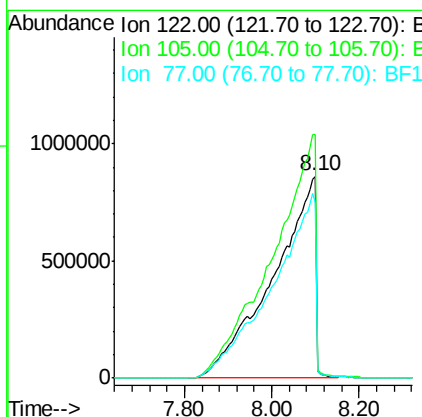
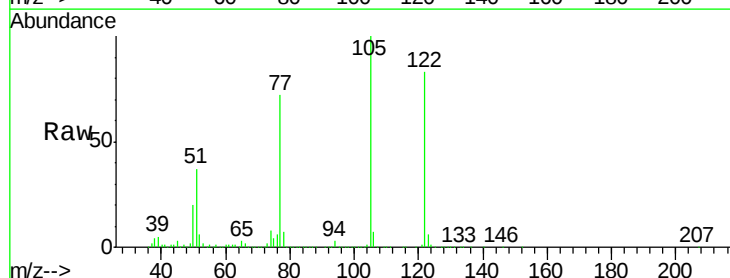
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

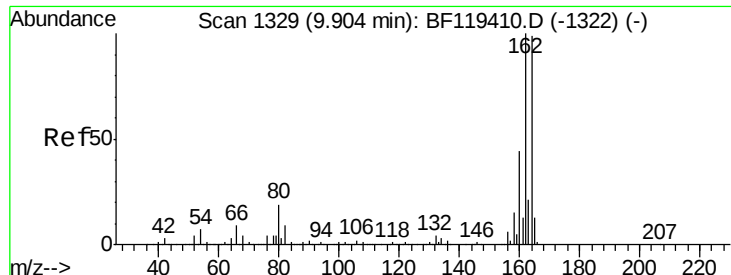
Tot Ion: 82 Resp: 223527
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.8
54 65.2 53.4 80.0



#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

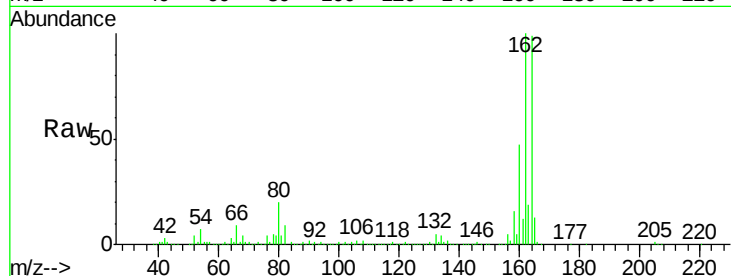




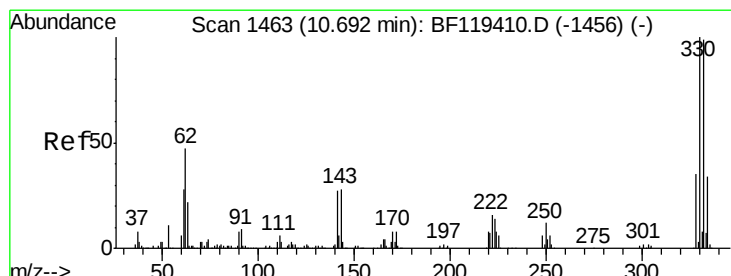
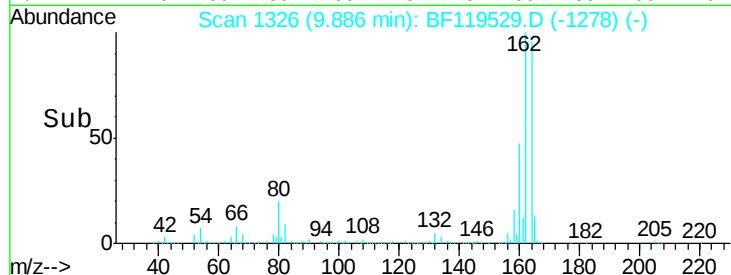
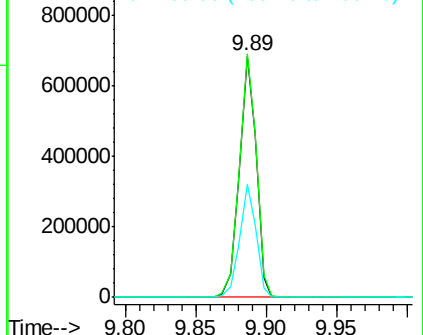
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

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

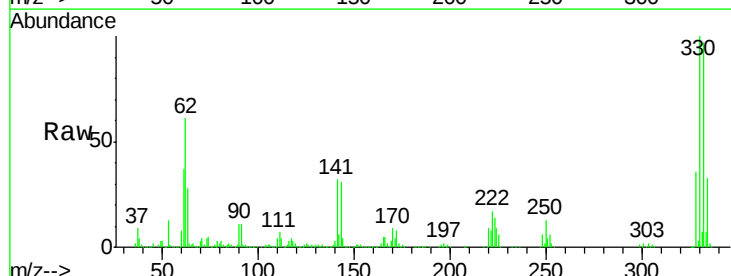


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

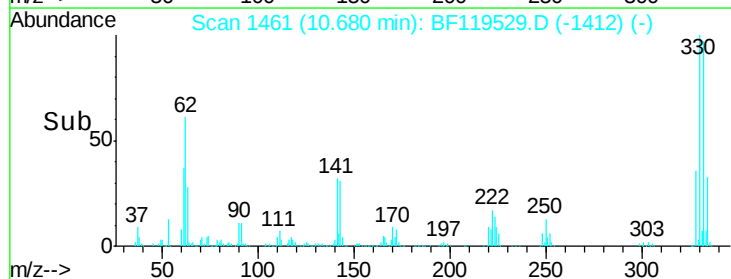
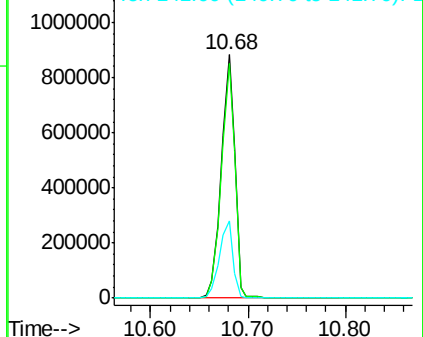


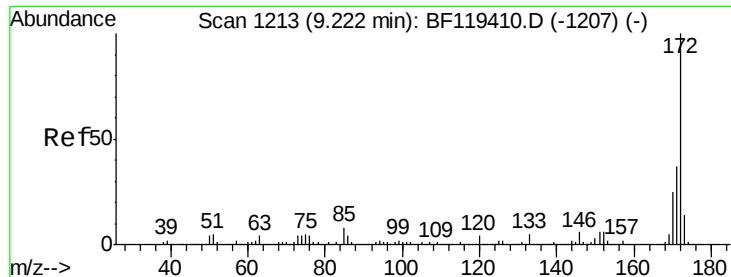
#42
2,4,6-Tribromophenol
Concen: 146.083 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

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

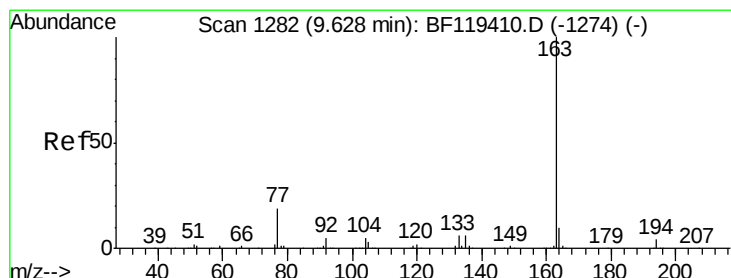
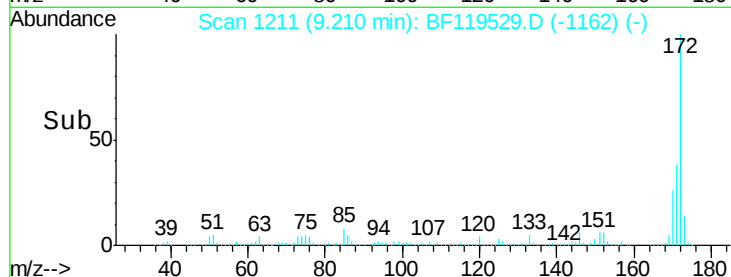
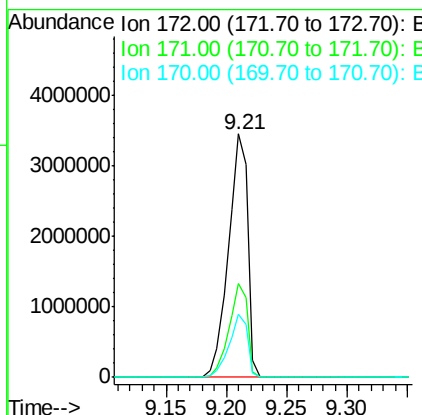
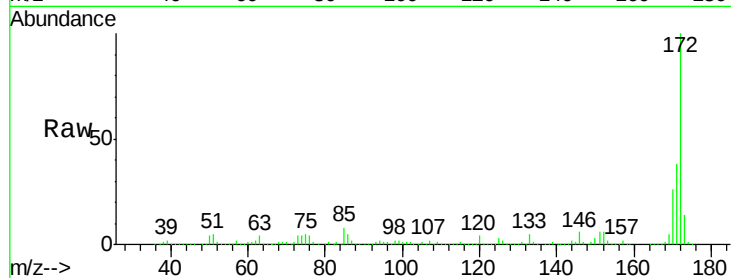




#45
2-Fluorobiphenyl
Concen: 99.243 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119529.D
Acq: 26 Mar 2020 6:03

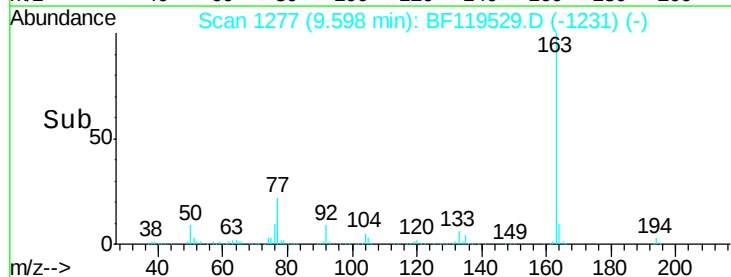
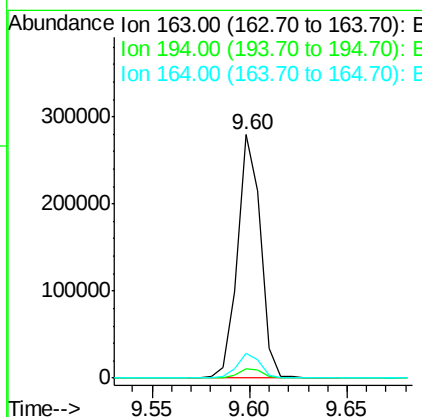
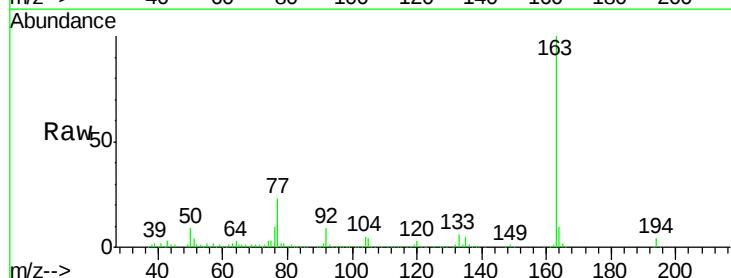
Instrument :
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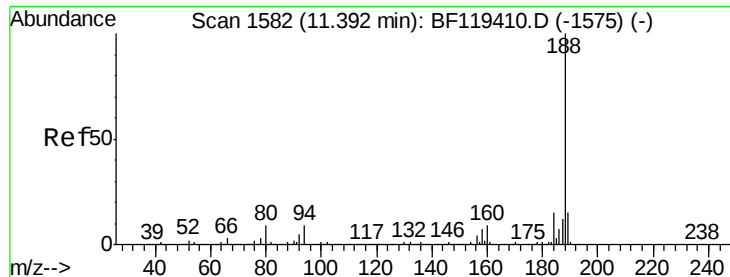
Tot Ion:172 Resp: 3811735
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 25.8 20.1 30.1



#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





#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

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

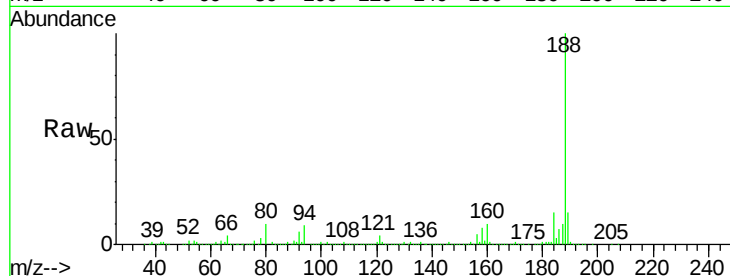
Tot Ion:188 Resp: 909271

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

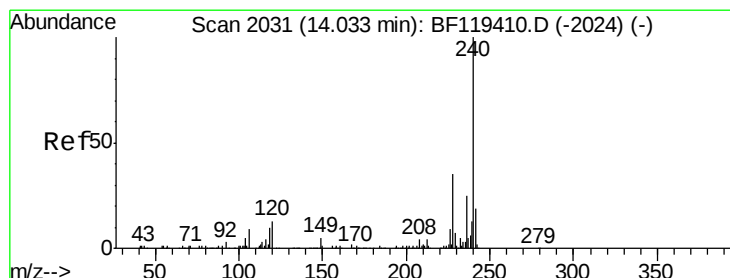
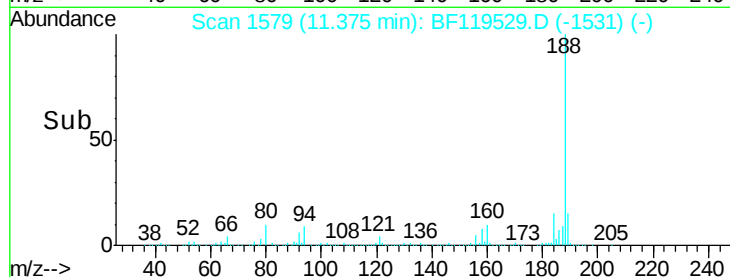
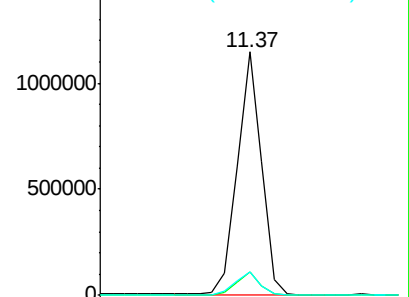
80 9.6 7.5 11.3



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



#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

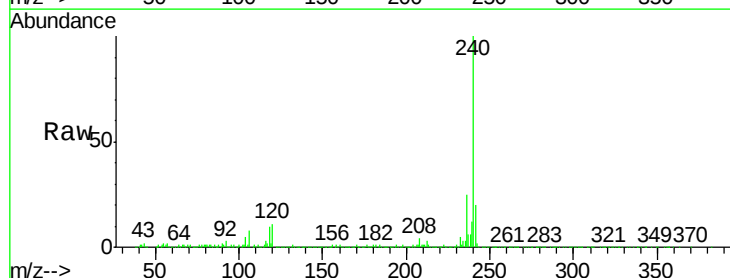
Tgt Ion:240 Resp: 605202

Ion Ratio Lower Upper

240 100

120 11.1 10.2 15.4

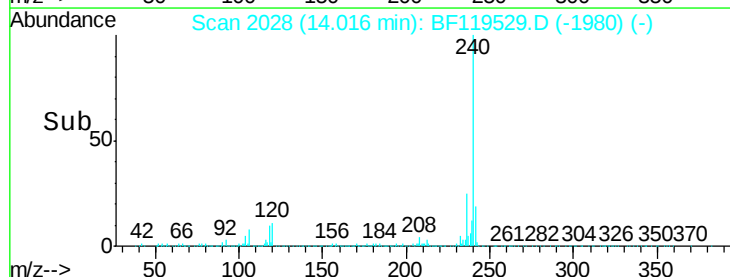
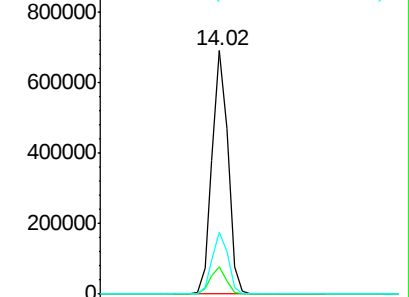
236 25.4 20.4 30.6

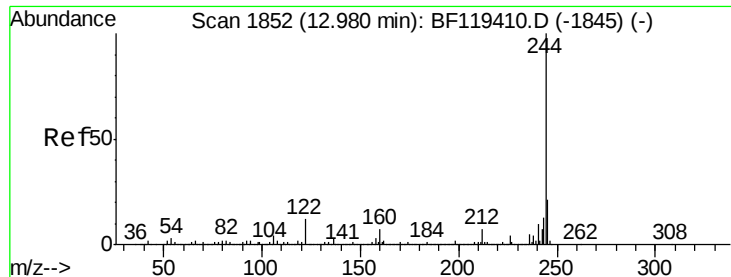


Abundance Ion 240.00 (239.70 to 240.70): E

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

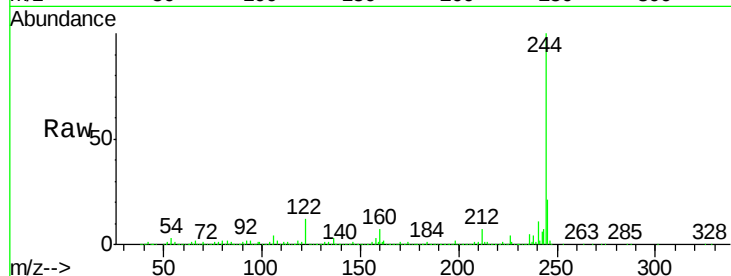
Tot Ion:244 Resp: 2861963

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

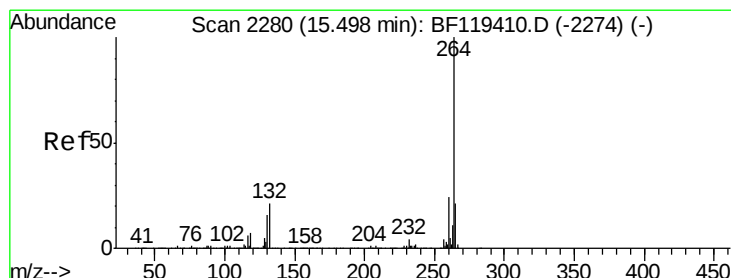
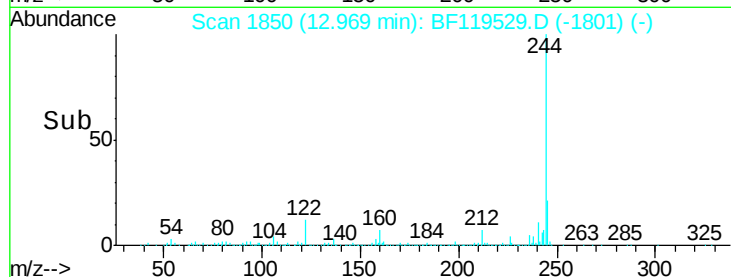
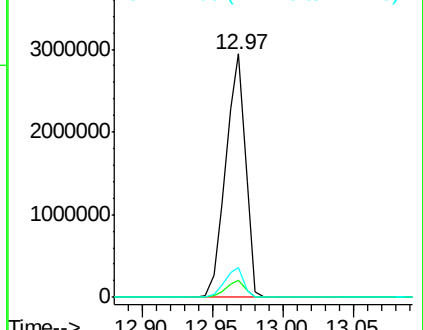
122 12.1 9.8 14.8



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

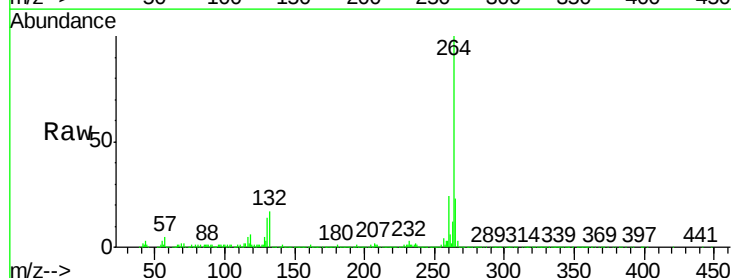
Tgt Ion:264 Resp: 602994

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

