

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115577.D
 Acq On : 16 Jul 2019 00:33
 Operator : HP/JU
 Sample : K3620-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-E

Quant Time: Jul 16 05:48:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

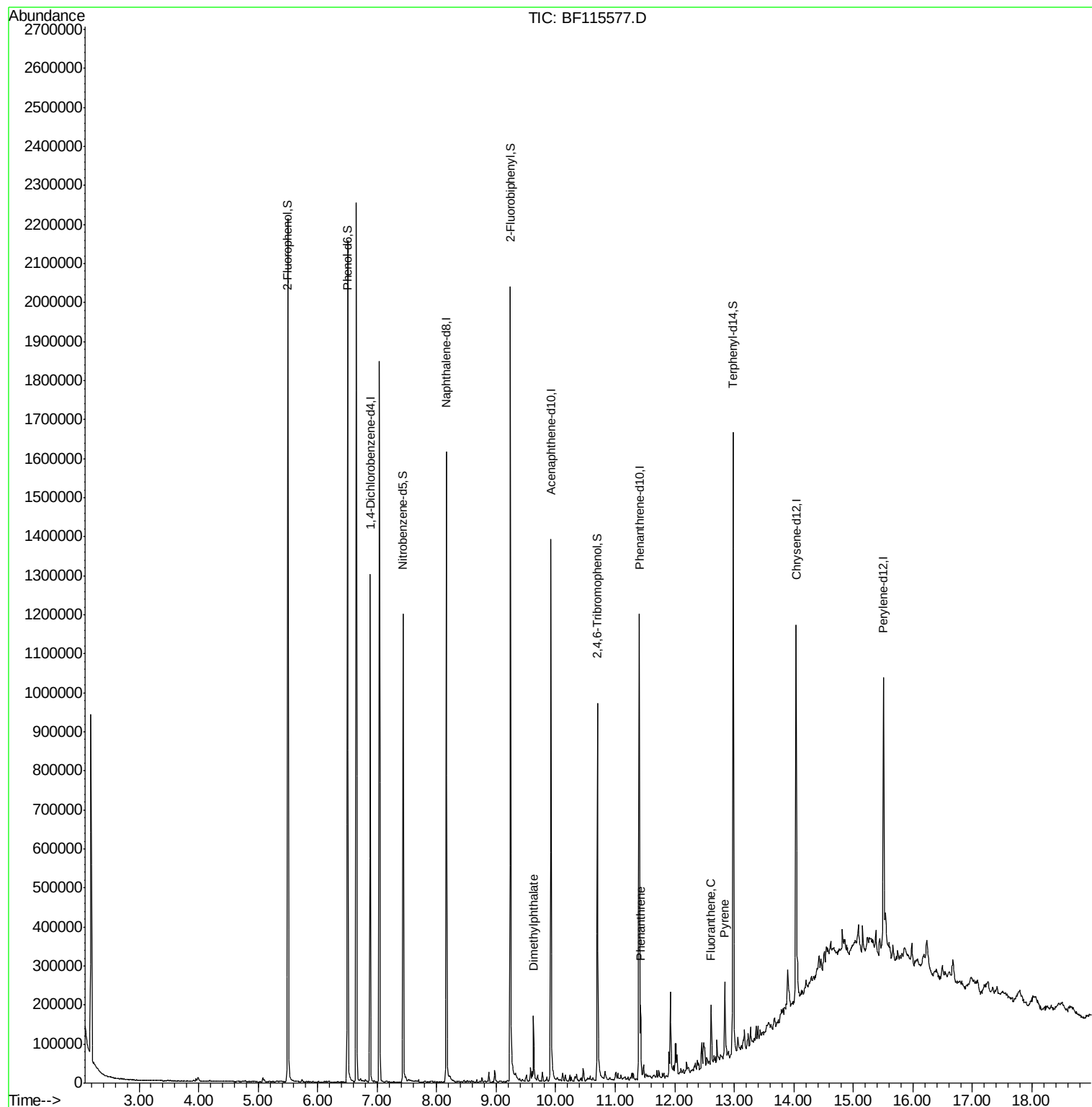
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186666	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	665050	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	293994	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	486831	20.00	ng	0.00
76) Chrysene-d12	14.04	240	351217	20.00	ng	-0.01
87) Perylene-d12	15.51	264	378895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	649444	56.91	ng	0.00
7) Phenol-d6	6.50	99	745719	51.50	ng	-0.01
23) Nitrobenzene-d5	7.43	82	419694	36.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	149609	43.60	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	711562	42.36	ng	-0.01
79) Terphenyl-d14	12.98	244	546018	28.69	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.63	163	75381	3.408	ng	98
71) Phenanthrene	11.42	178	61658	2.471	ng	96
75) Fluoranthene	12.61	202	57568	2.183	ng	98
78) Pyrene	12.84	202	78599	2.641	ng	97

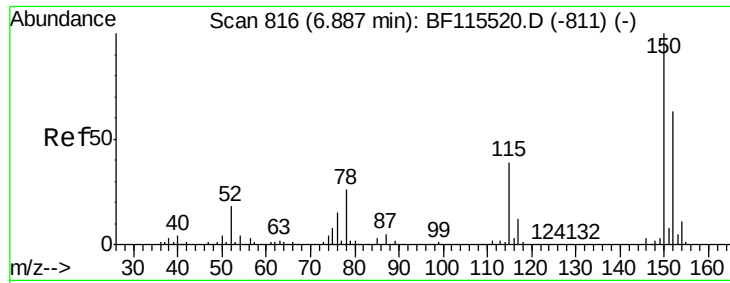
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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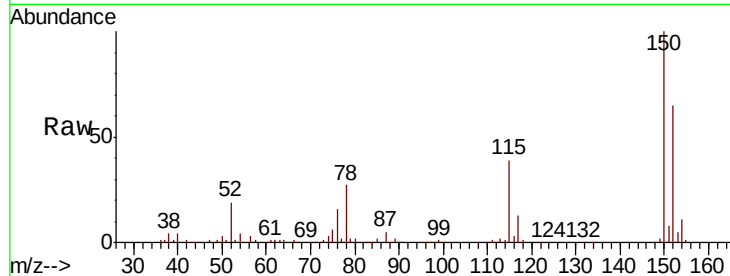


#1

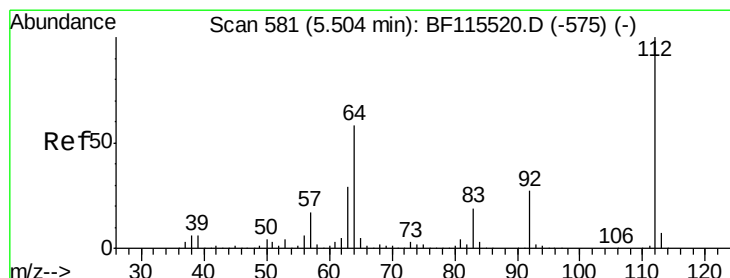
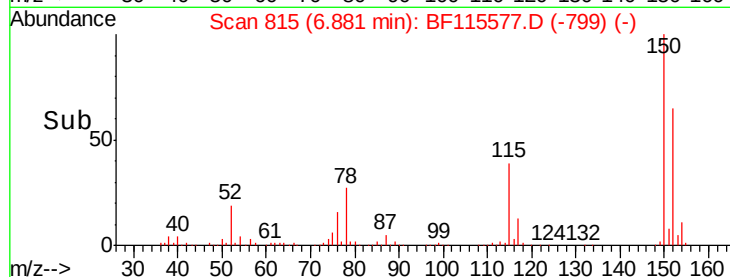
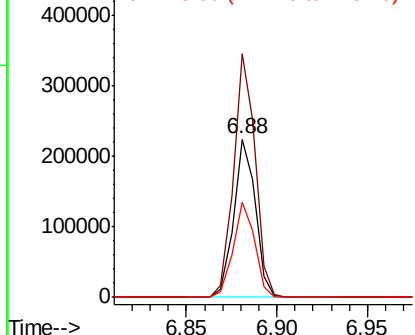
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-E

Tot Ion:152 Resp: 186666
Ion Ratio Lower Upper
152 100
150 153.8 129.7 194.5
115 60.3 48.2 72.4



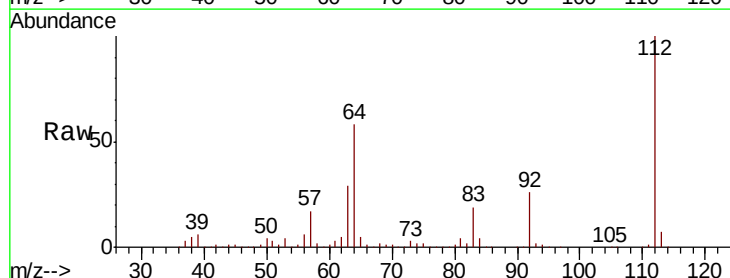
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



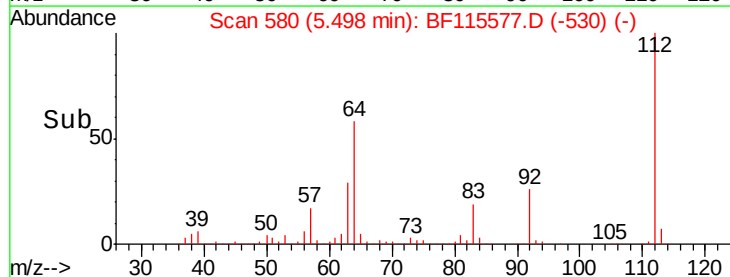
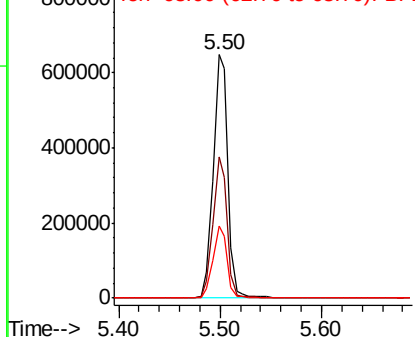
#5

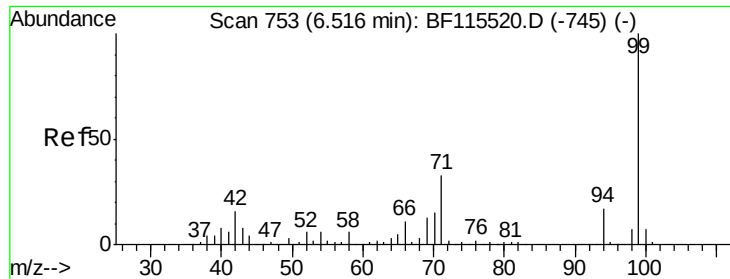
2-Fluorophenol
Concen: 56.909 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion:112 Resp: 649444
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 29.4 24.1 36.1



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: 51.498 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-E

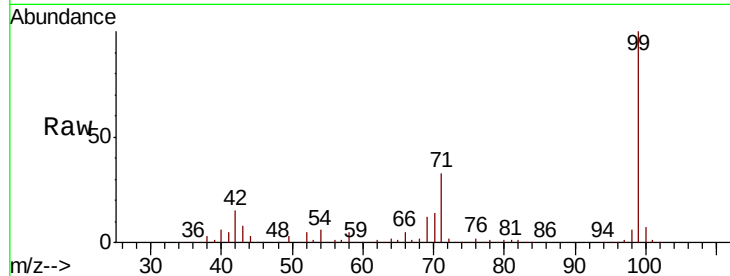
Tot Ion: 99 Resp: 745719

Ion Ratio Lower Upper

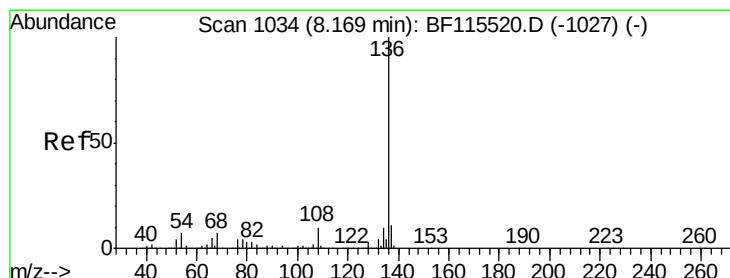
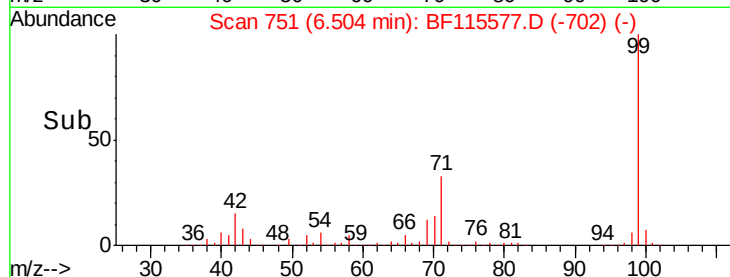
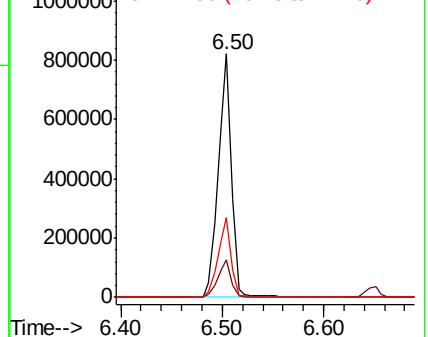
99 100

42 15.5 13.6 20.4

71 32.9 28.5 42.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Tgt Ion: 136 Resp: 665050

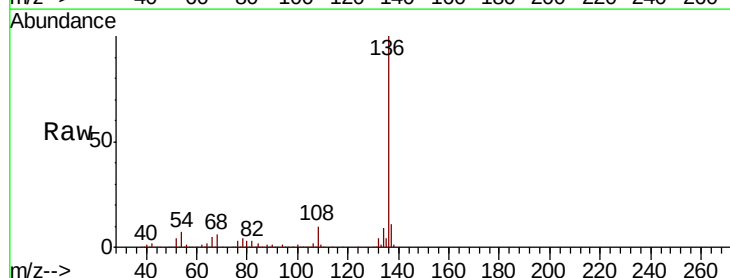
Ion Ratio Lower Upper

136 100

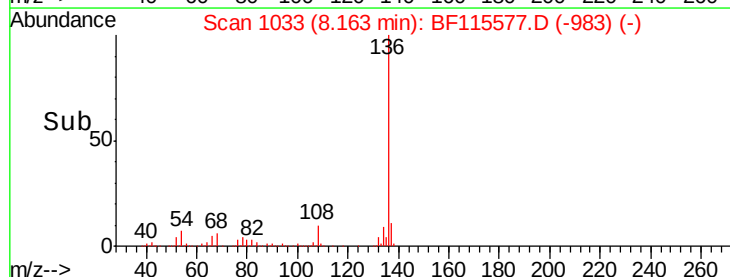
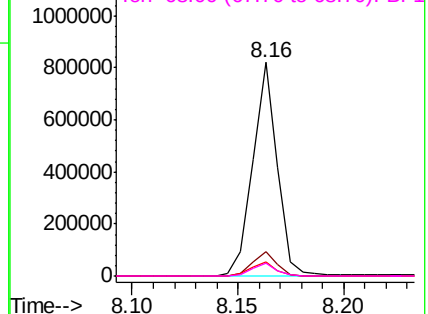
137 11.1 9.0 13.4

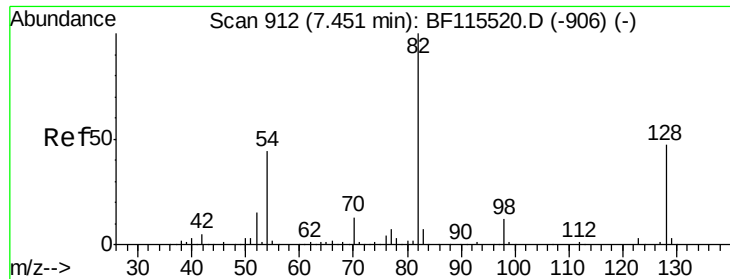
54 6.7 5.6 8.4

68 6.1 5.0 7.6



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

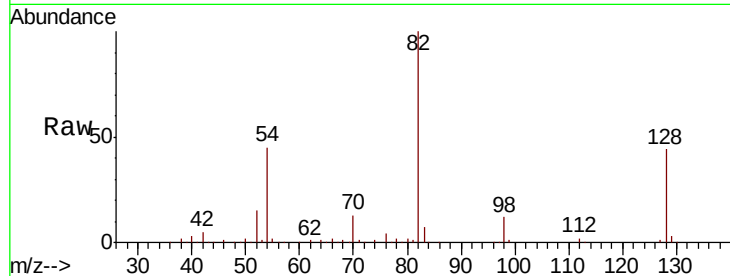




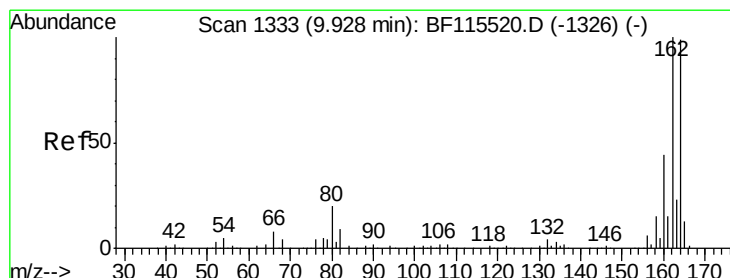
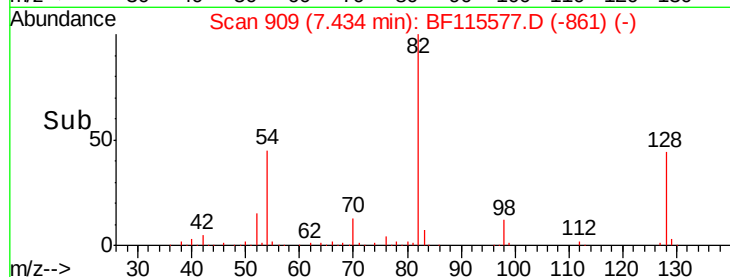
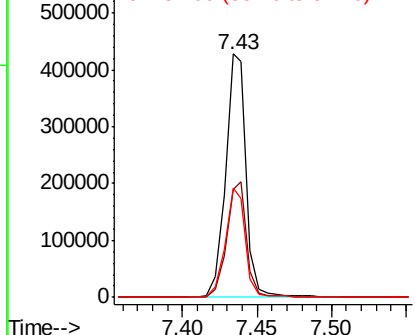
#23
 Nitrobenzene-d5
 Concen: 36.695 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115577.D
 Acq: 16 Jul 2019 00:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-E

Tot Ion: 82 Resp: 419694
 Ion Ratio Lower Upper
 82 100
 128 44.5 38.6 57.8
 54 44.7 35.6 53.4

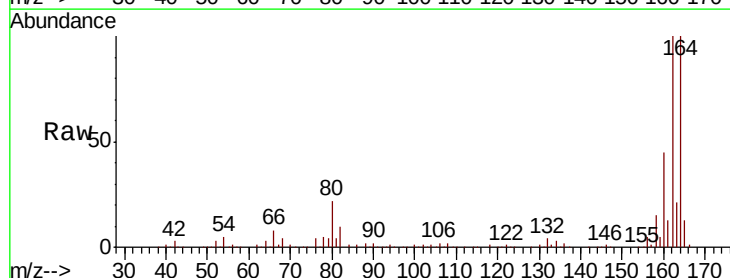


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

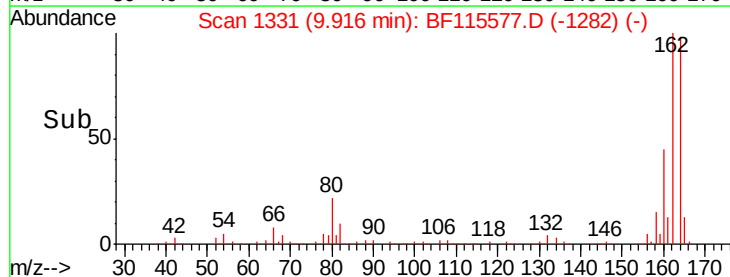
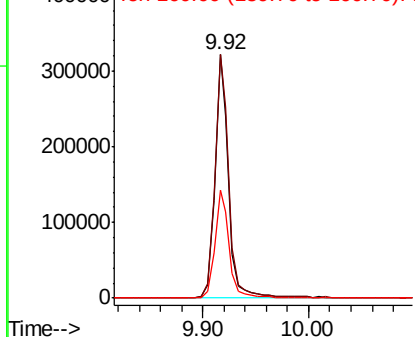


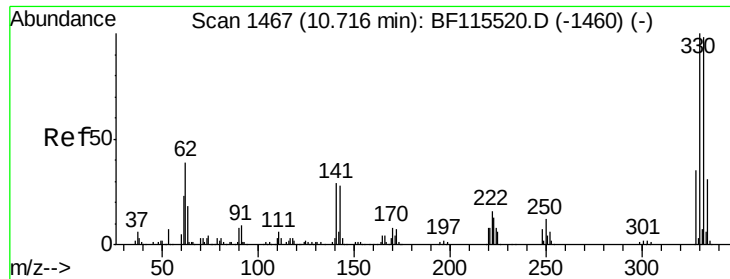
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115577.D
 Acq: 16 Jul 2019 00:33

Tgt Ion:164 Resp: 293994
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.9 124.3
 160 44.6 36.8 55.2



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: 43.597 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-E

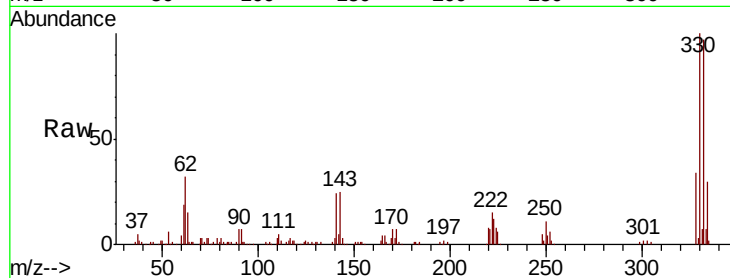
Tot Ion:330 Resp: 149609

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 30.7 22.4 33.6

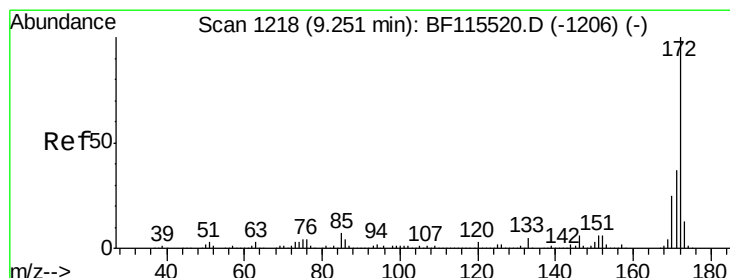
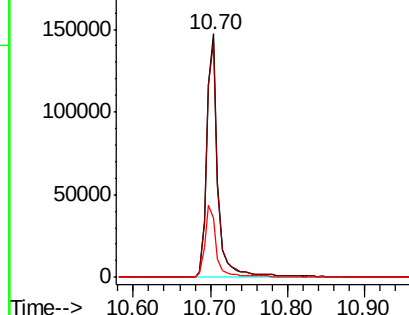
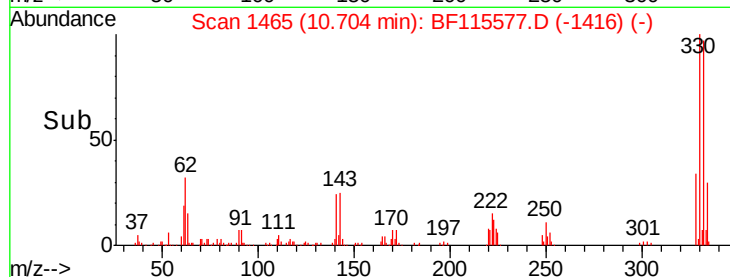


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 42.363 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

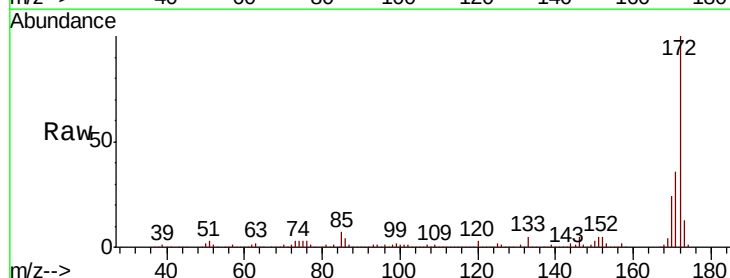
Tgt Ion:172 Resp: 711562

Ion Ratio Lower Upper

172 100

171 35.9 30.6 46.0

170 24.0 20.5 30.7

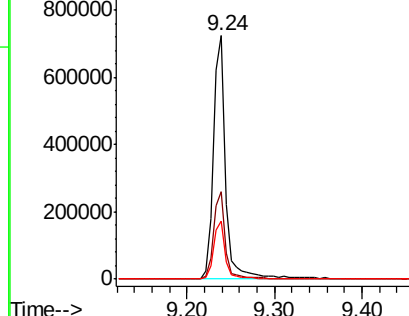
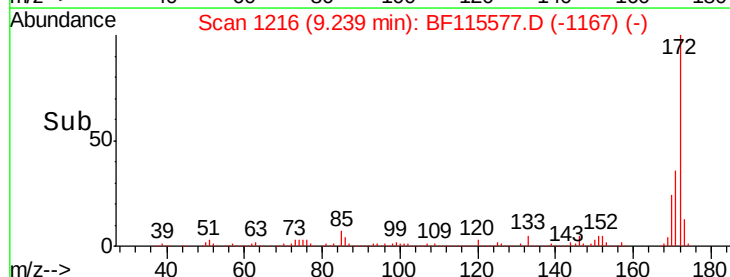


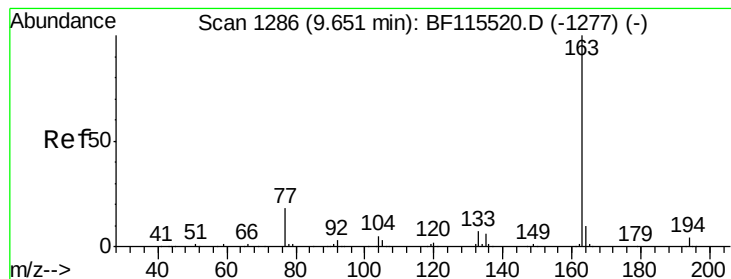
Abundance

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: 3.408 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-E

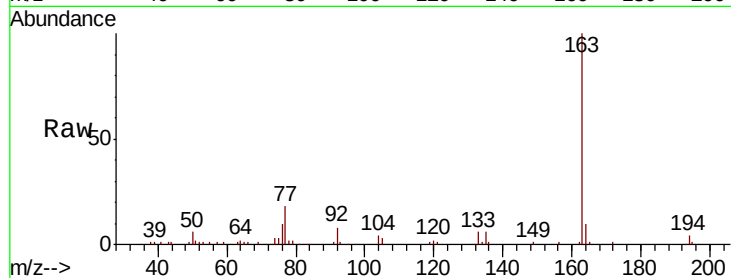
Tot Ion:163 Resp: 75381

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

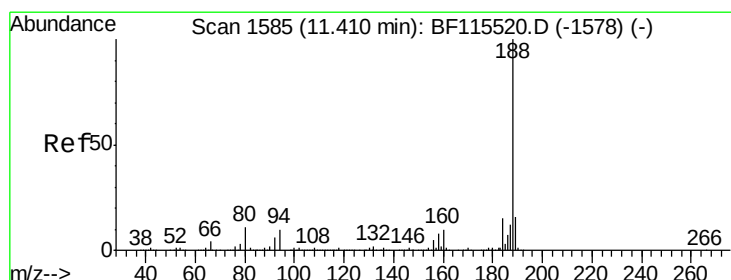
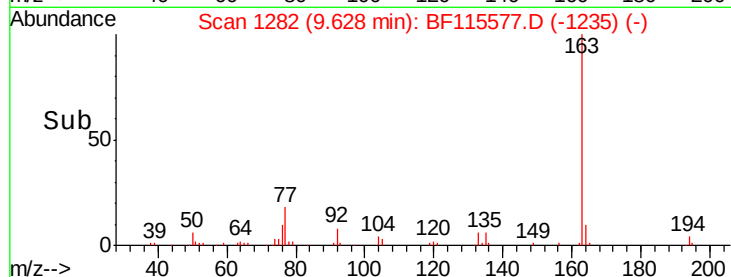
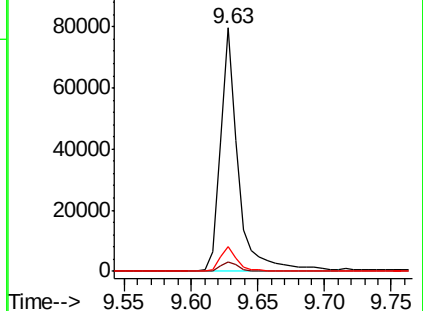
164 10.1 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

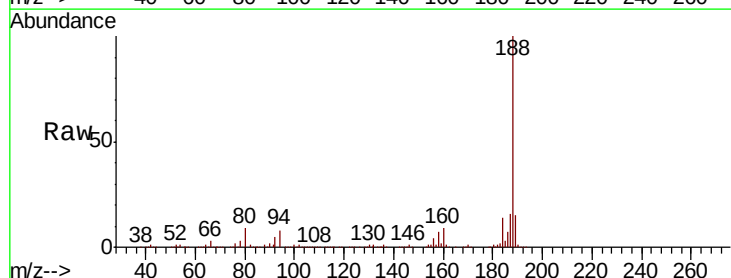
Tgt Ion:188 Resp: 486831

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

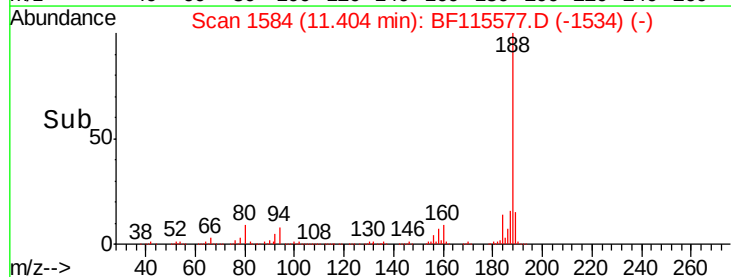
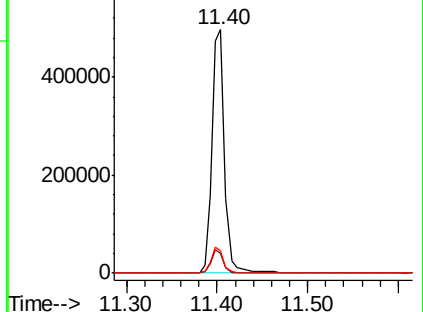
80 9.1 8.6 13.0

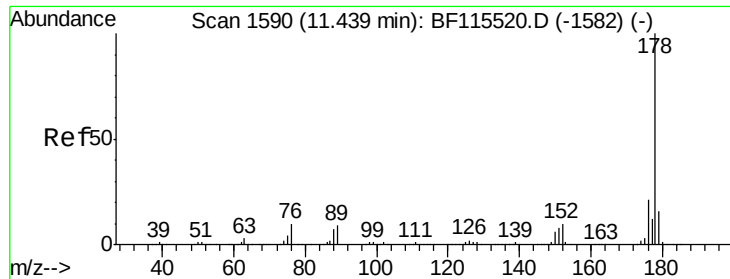


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.471 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

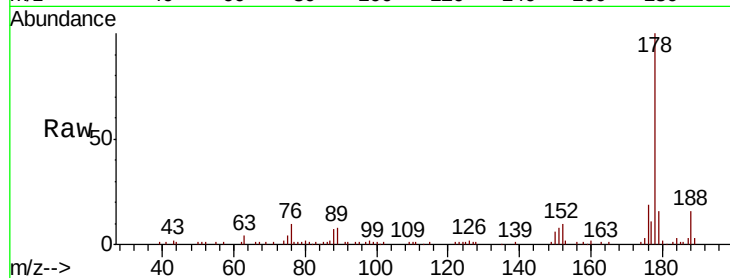
BNA_F

ClientSampleId :

CL-01-071219-E

Tot Ion:178 Resp: 61658

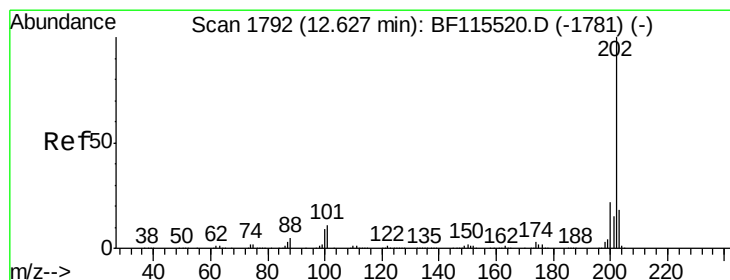
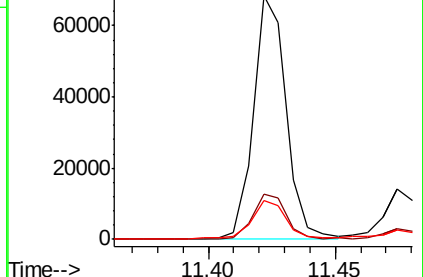
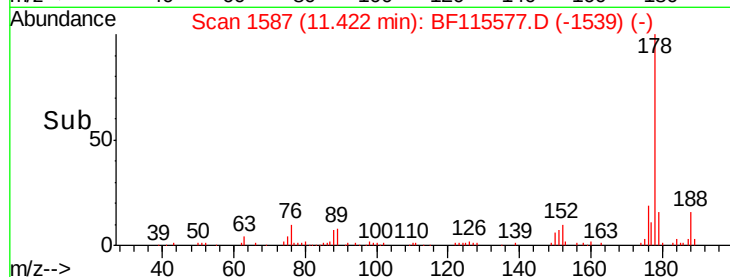
Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.2	25.8
179	15.9	13.5	20.3



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



#75

Fluoranthene

Concen: 2.183 ng

RT: 12.61 min Scan# 1789

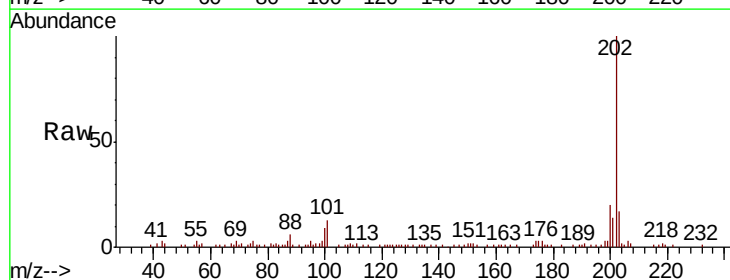
Delta R.T. -0.02 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Tgt Ion:202 Resp: 57568

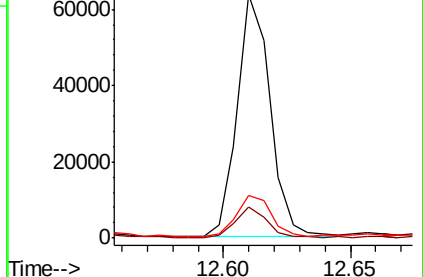
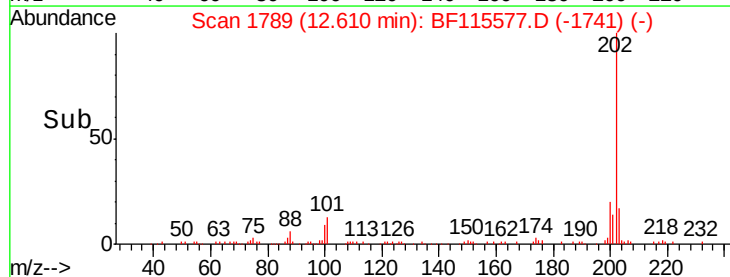
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	17.5	0.0	38.1

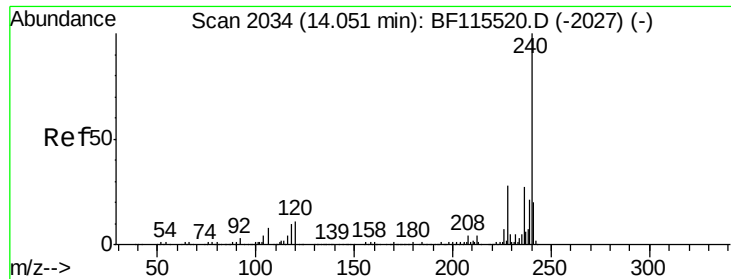


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

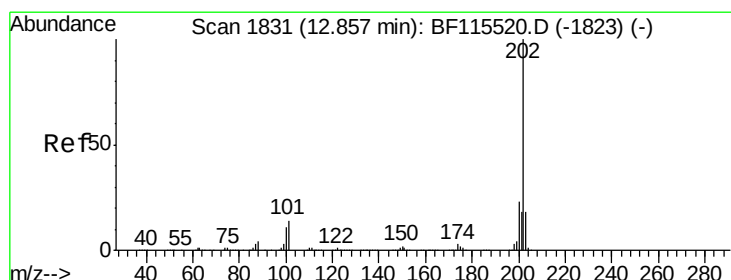
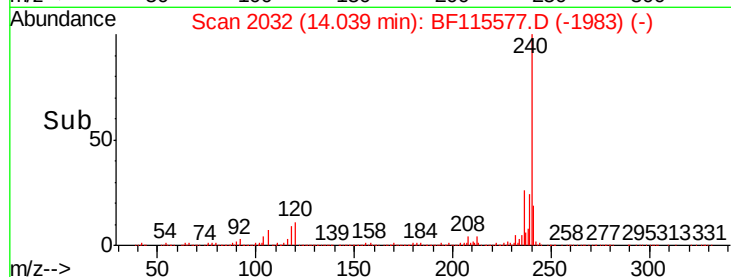
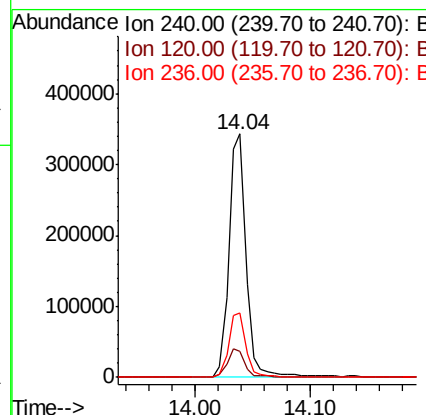
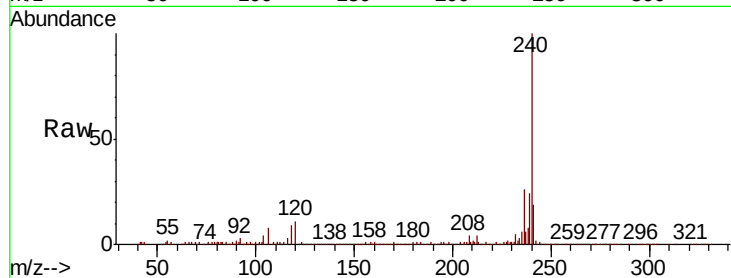




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

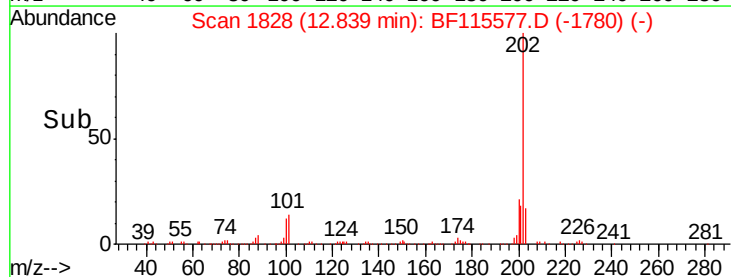
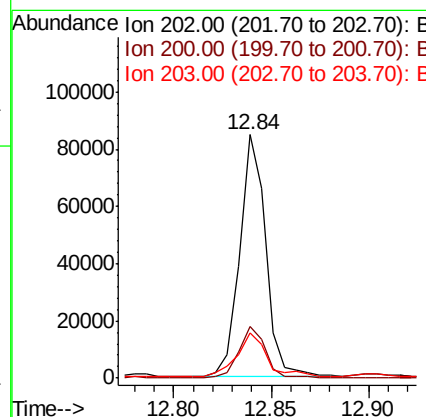
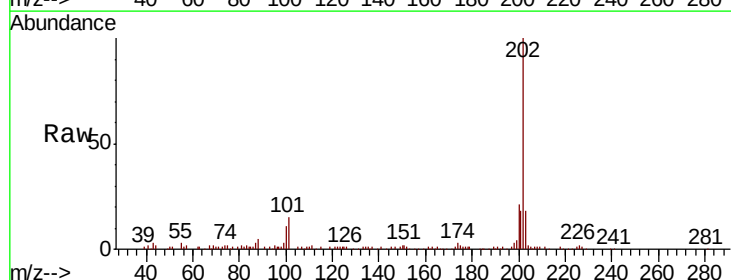
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-E

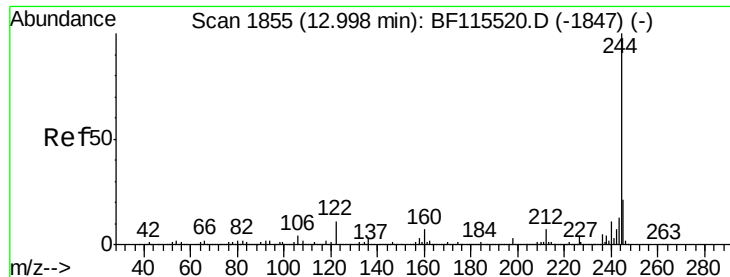
Tot Ion:240 Resp: 351217
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.2 21.3 31.9



#78
Pyrene
Concen: 2.641 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115577.D
Acq: 16 Jul 2019 00:33

Tgt Ion:202 Resp: 78599
Ion Ratio Lower Upper
202 100
200 21.2 18.7 28.1
203 18.4 15.2 22.8





#79

Terphenyl-d14

Concen: 28.686 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-E

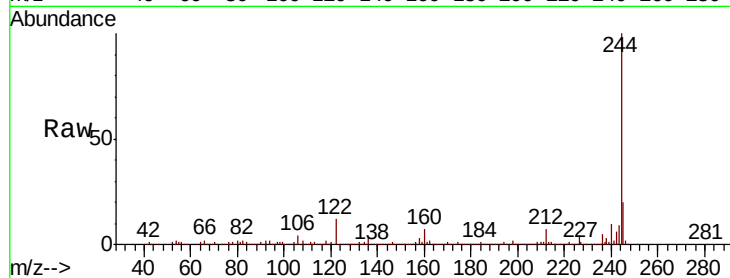
Tot Ion:244 Resp: 546018

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

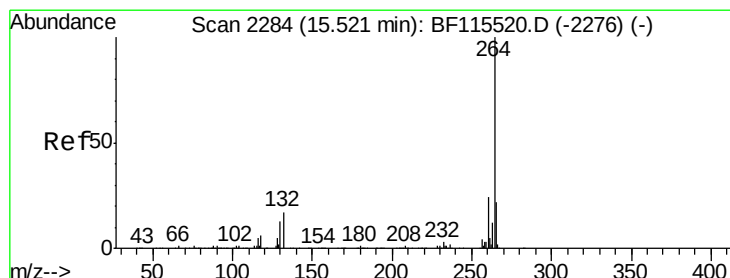
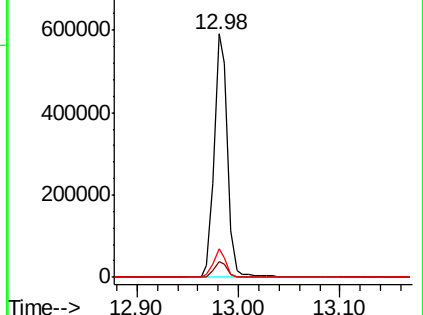
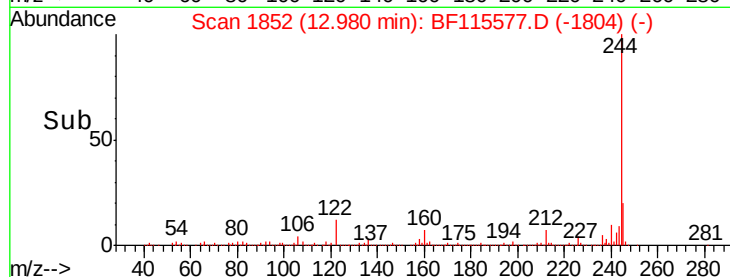
122 11.9 8.6 12.8



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115577.D

Acq: 16 Jul 2019 00:33

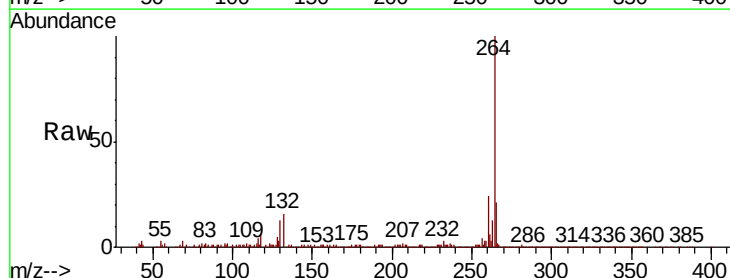
Tgt Ion:264 Resp: 378895

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.1 17.7 26.5



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

