

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115813.D
 Acq On : 27 Jul 2019 3:13
 Operator : HP/JU
 Sample : K3620-19 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

Quant Time: Jul 27 04:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

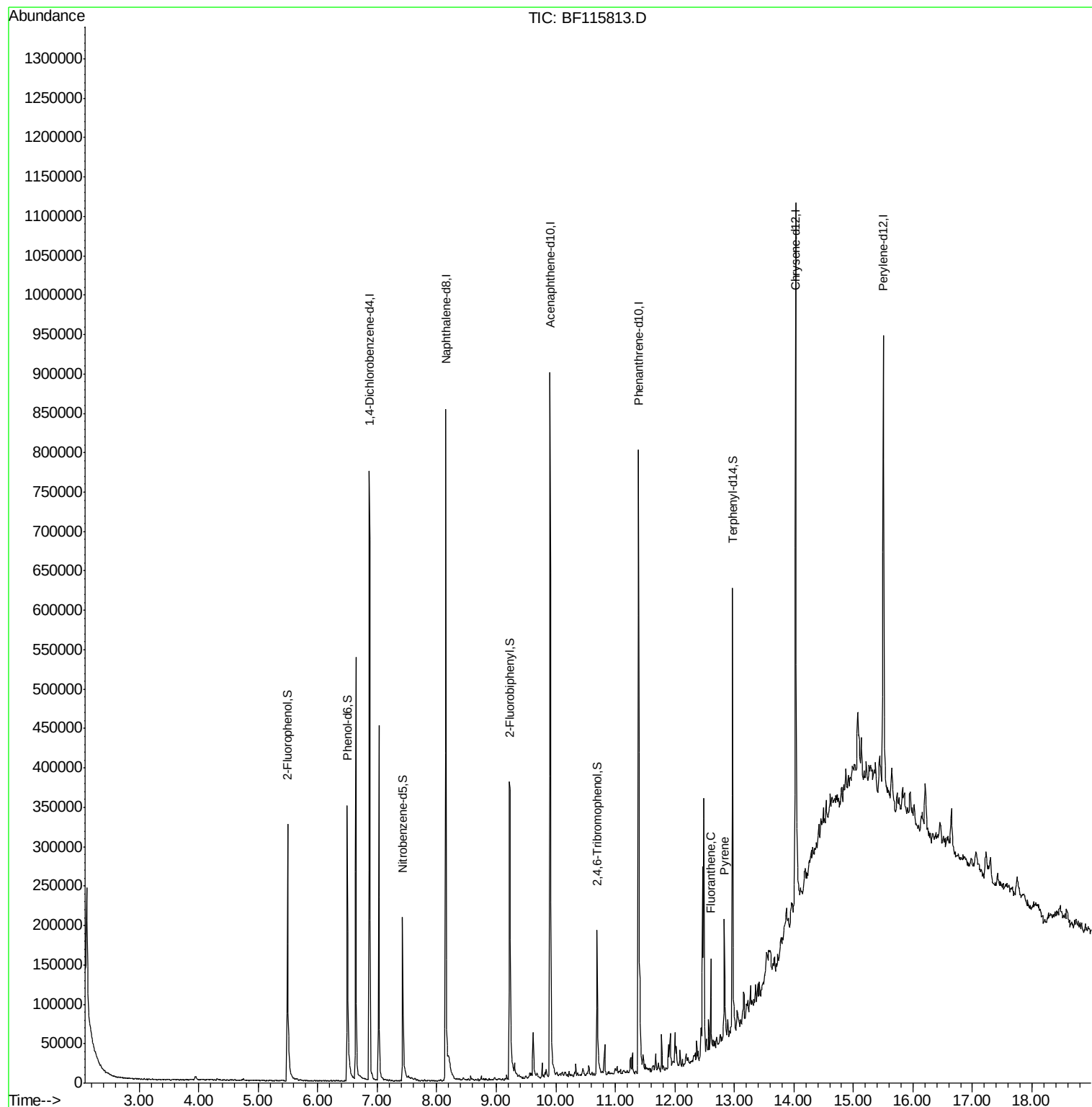
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122033	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	440912	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	204720	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	320223	20.00	ng	0.00
76) Chrysene-d12	14.03	240	320469	20.00	ng	0.00
87) Perylene-d12	15.50	264	304214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	127985	17.15	ng	0.00
7) Phenol-d6	6.50	99	168737	17.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	94139	12.41	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	30780	12.88	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	186791	15.97	ng	0.00
79) Terphenyl-d14	12.97	244	185473	10.68	ng	-0.01
Target Compounds						
75) Fluoranthene	12.60	202	48543	2.799	ng	99
78) Pyrene	12.83	202	60573	2.231	ng	95

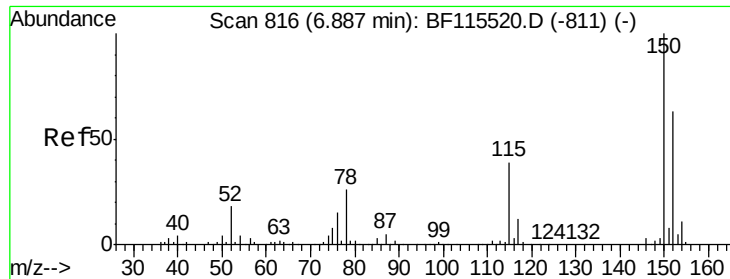
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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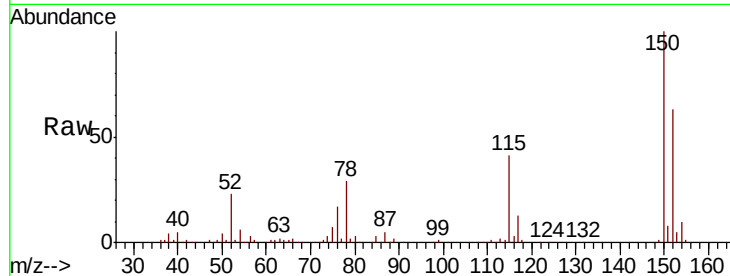


#1

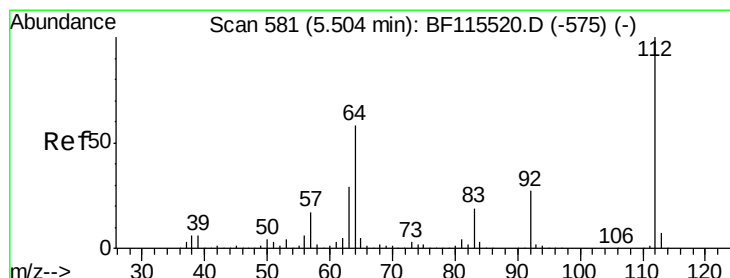
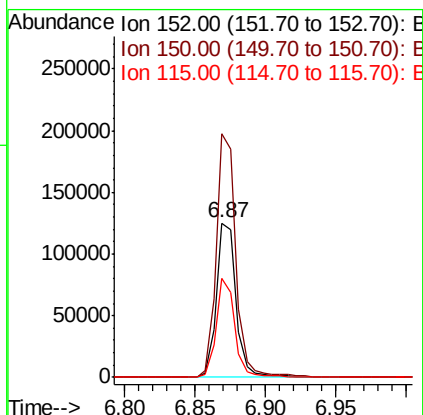
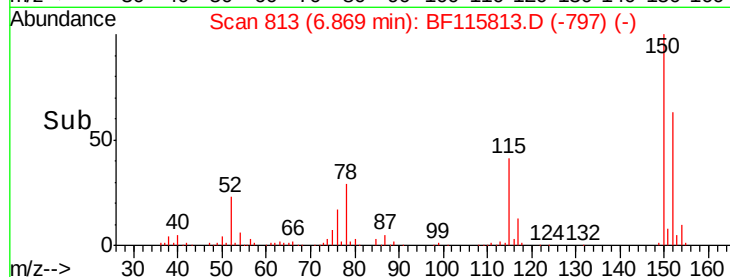
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115813.D
 Acq: 27 Jul 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

Tot Ion:152 Resp: 122033
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 189.8
 115 64.2 47.8 71.6



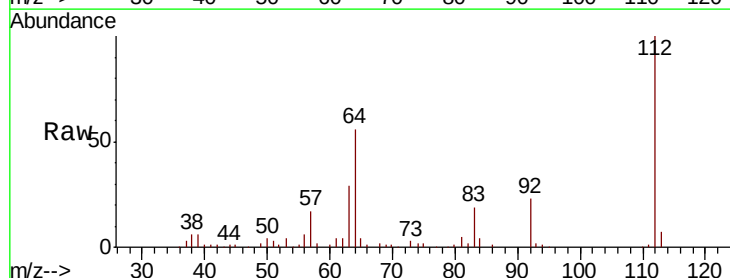
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



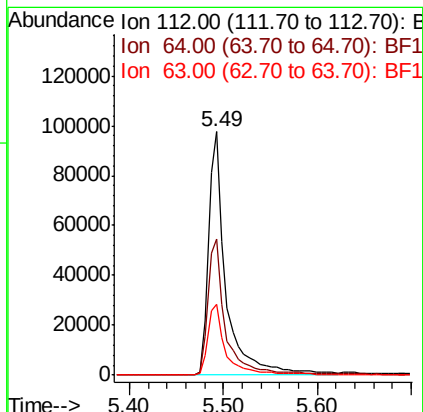
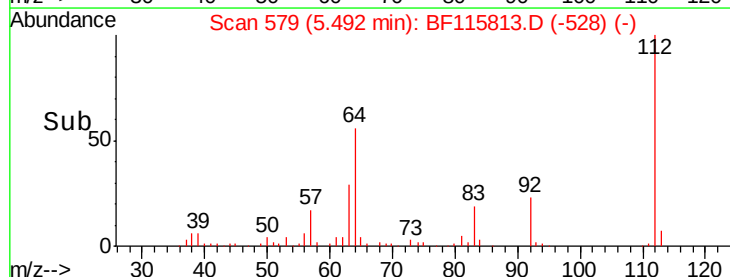
#5

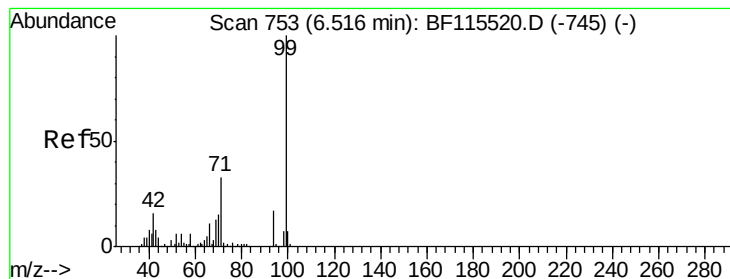
2-Fluorophenol
 Concen: 17.155 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF115813.D
 Acq: 27 Jul 2019 3:13

Tgt Ion:112 Resp: 127985
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.8 68.8
 63 28.9 23.6 35.4



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: 17.824 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115813.D

Acq: 27 Jul 2019 3:13

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-E

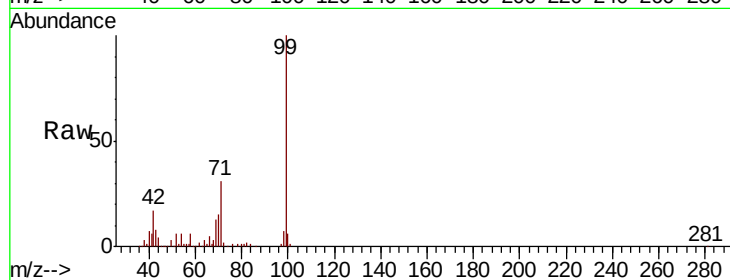
Tot Ion: 99 Resp: 168737

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

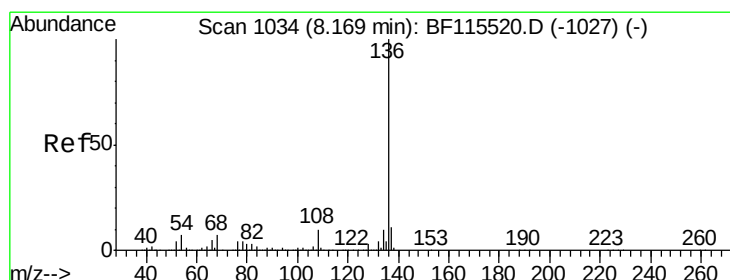
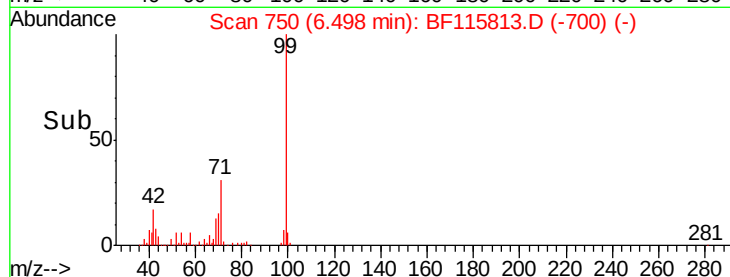
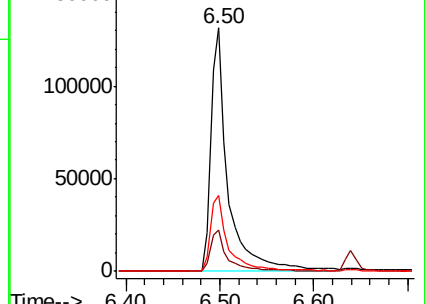
71 31.1 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115813.D

Acq: 27 Jul 2019 3:13

Tgt Ion: 136 Resp: 440912

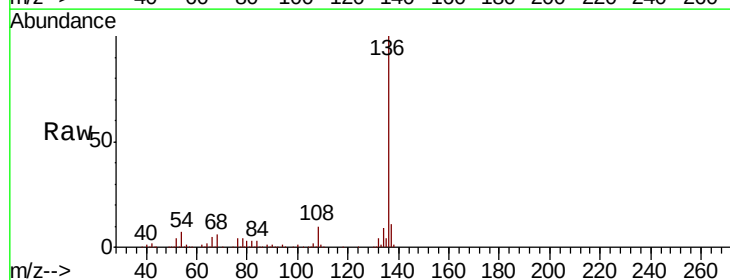
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.0 5.0 7.6

68 5.8 4.7 7.1

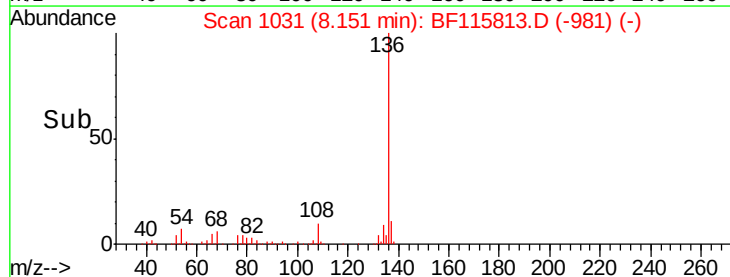
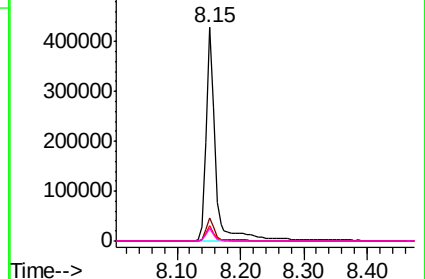


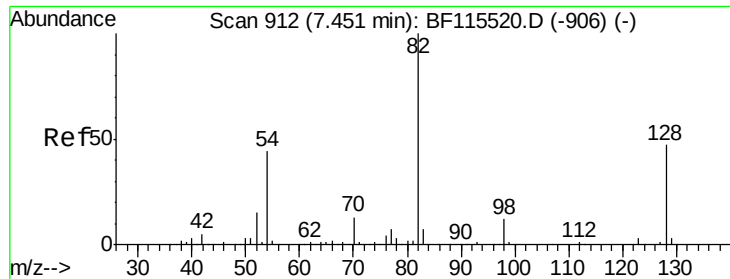
Abundance Ion 136.00 (135.70 to 136.70): E

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

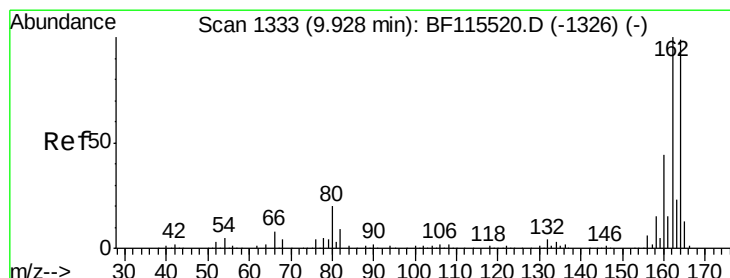
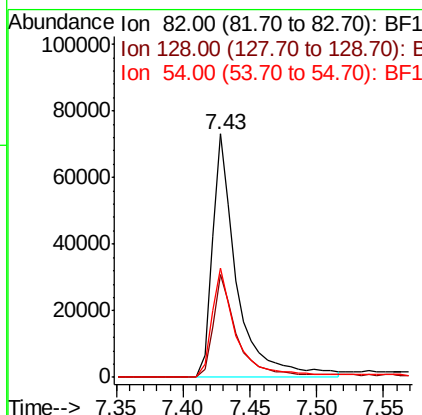
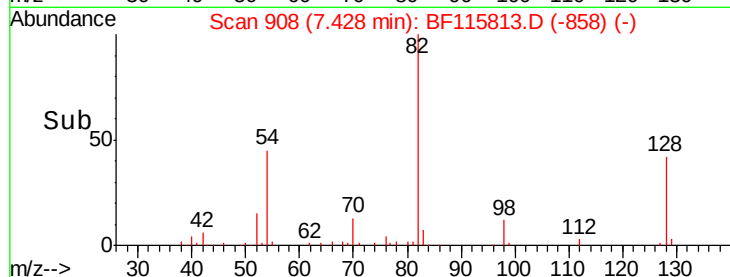
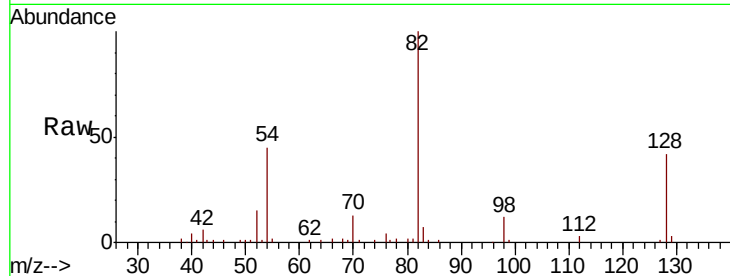




#23
 Nitrobenzene-d5
 Concen: 12.415 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115813.D
 Acq: 27 Jul 2019 3:13

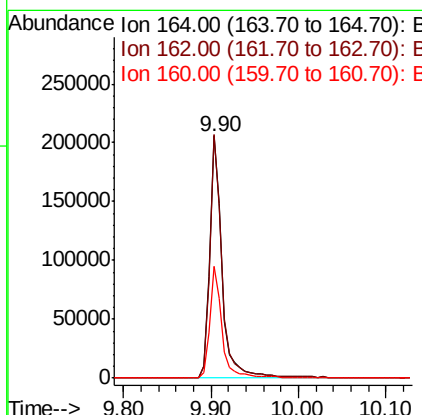
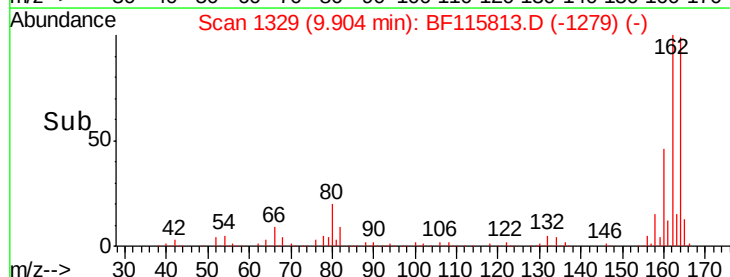
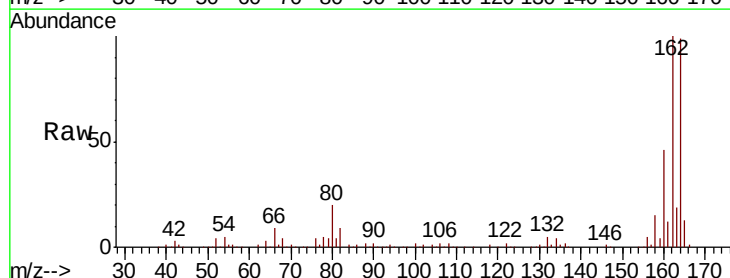
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

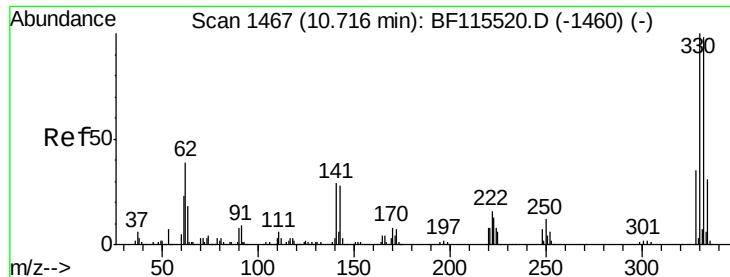
Tot Ion	82	Resp	94139
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.6	55.0
54	44.9	36.6	54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115813.D
 Acq: 27 Jul 2019 3:13

Tgt Ion	164	Resp	204720
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.8	122.6
160	46.0	37.5	56.3

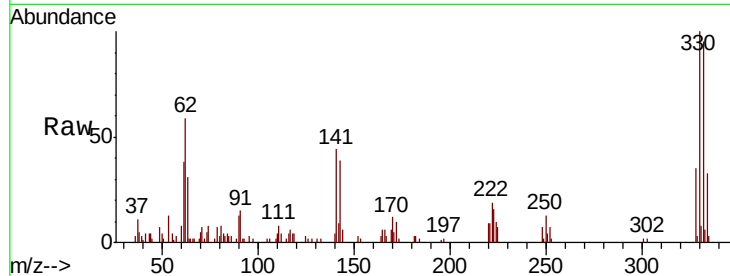




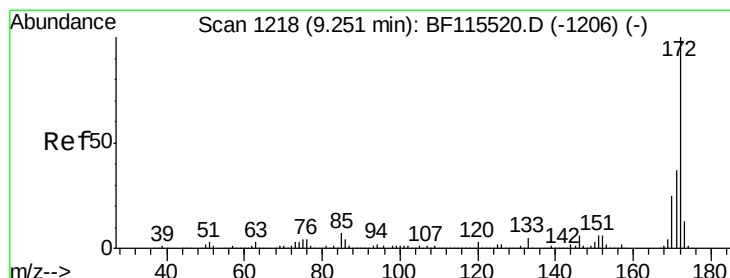
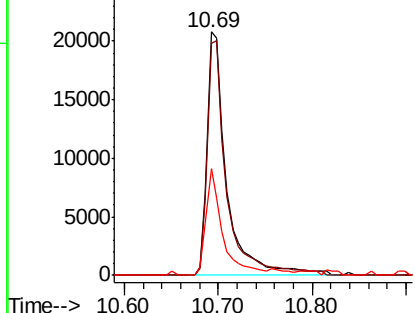
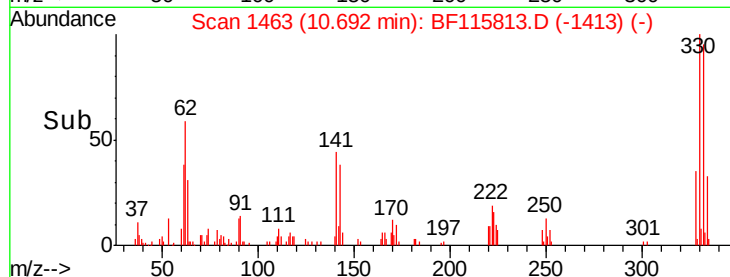
#42
 2,4,6-Tribromophenol
 Concen: 12.881 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115813.D
 Acq: 27 Jul 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

Tot Ion:330 Resp: 30780
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.1 114.1
 141 36.5 25.9 38.9

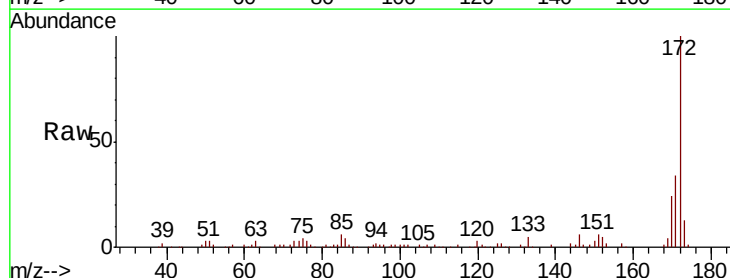


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

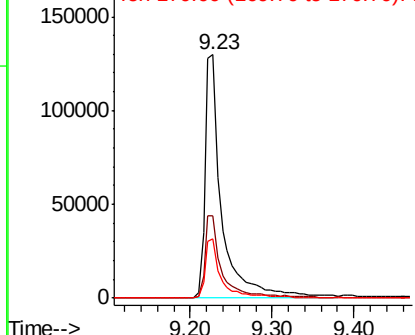
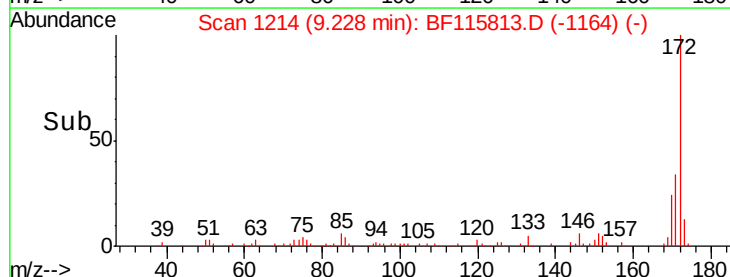


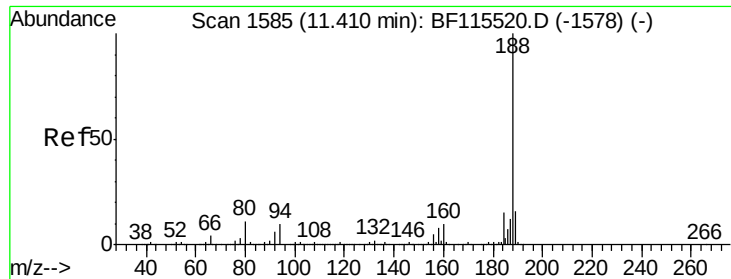
#45
 2-Fluorobiphenyl
 Concen: 15.970 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115813.D
 Acq: 27 Jul 2019 3:13

Tgt Ion:172 Resp: 186791
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.0 43.4
 170 24.2 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

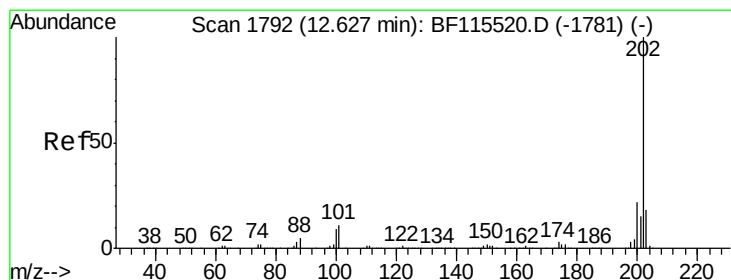
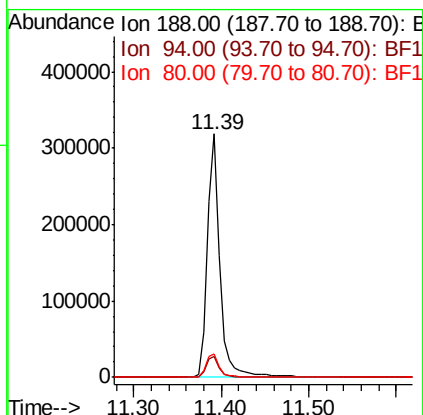
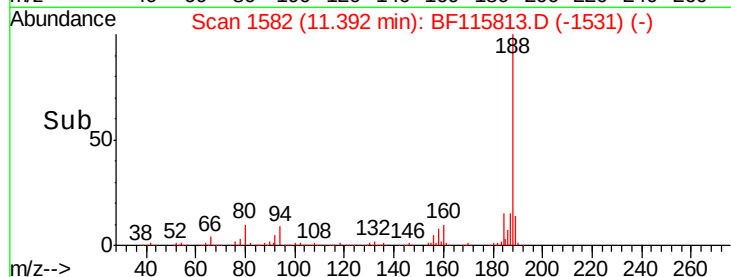
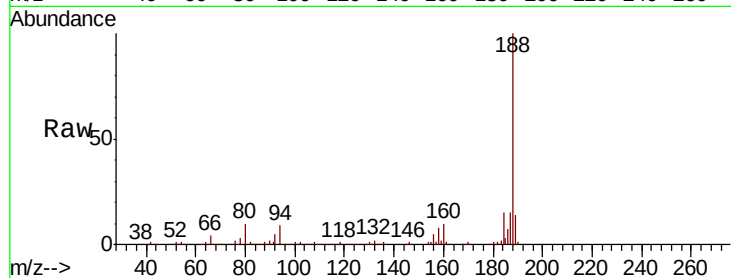




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

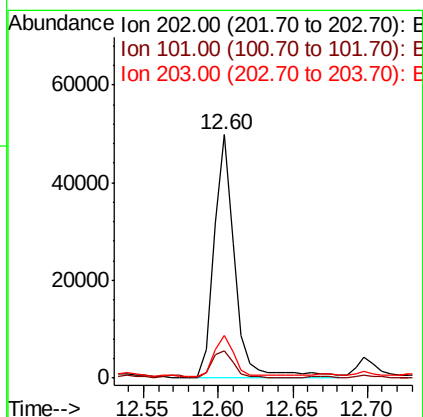
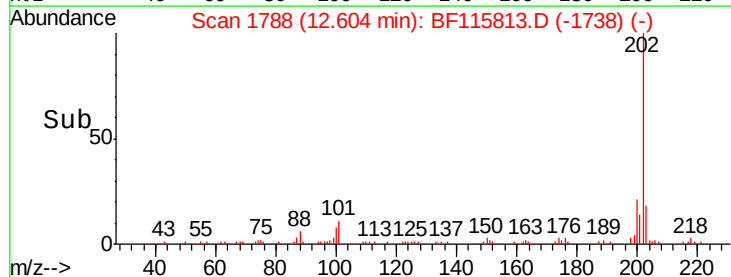
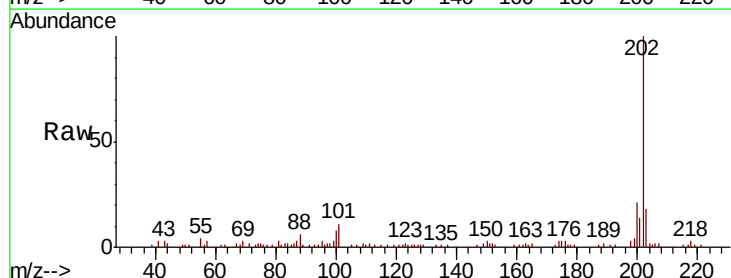
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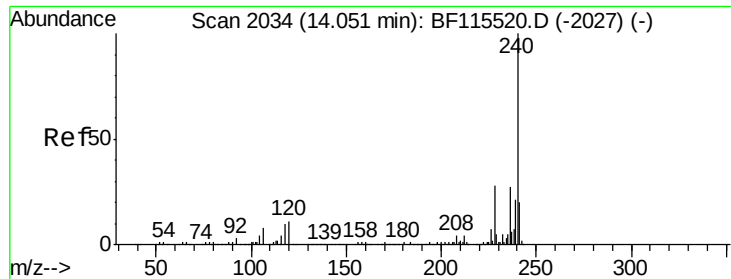
Tot Ion:188 Resp: 320223
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.8 9.0 13.6



#75
Fluoranthene
Concen: 2.799 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion:202 Resp: 48543
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.6
203 17.7 0.0 38.0

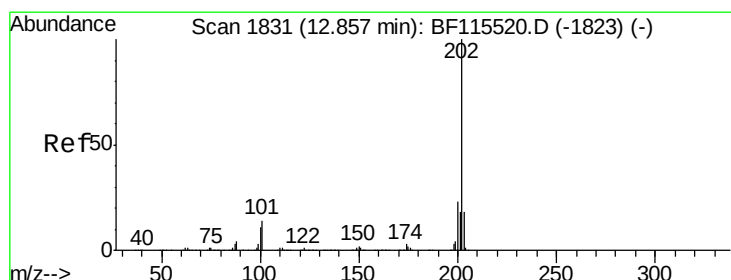
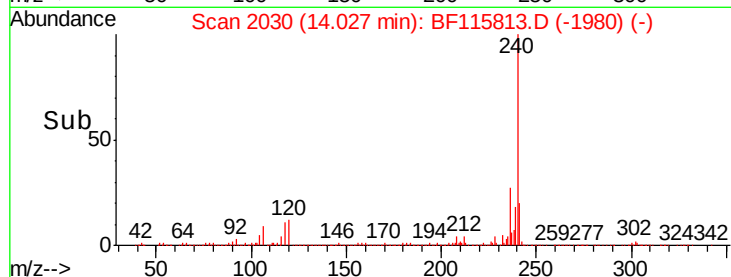
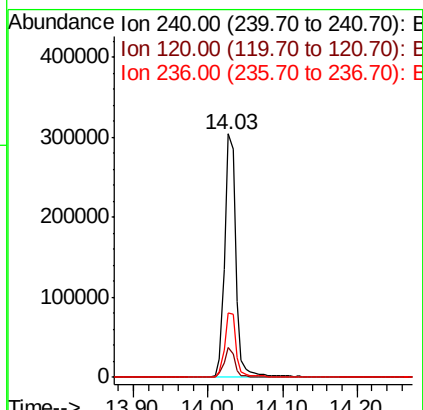
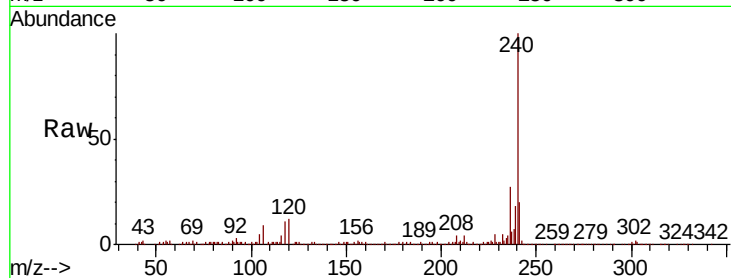




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

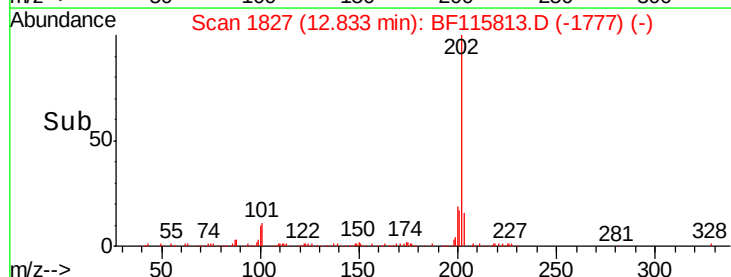
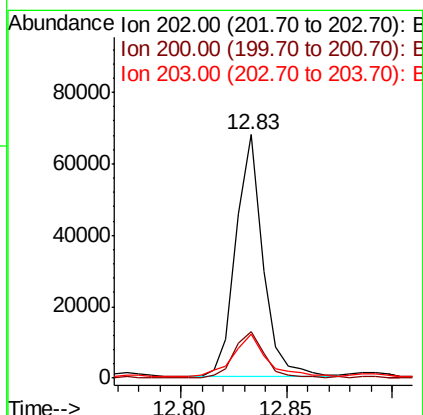
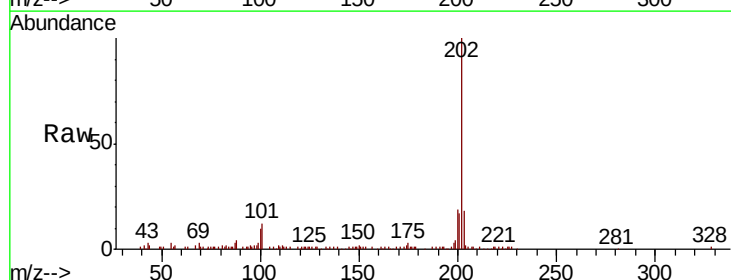
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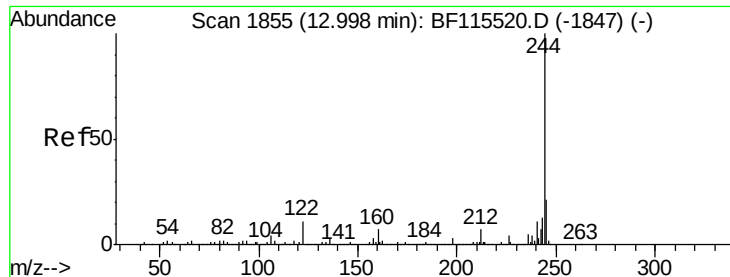
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.0	15.0
236	26.6	21.8	32.6



#78
Pyrene
Concen: 2.231 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115813.D
Acq: 27 Jul 2019 3:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.0	18.2	27.4
203	17.8	14.6	21.8





#79

Terphenyl-d14

Concen: 10.679 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF115813.D

Acq: 27 Jul 2019 3:13

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-E

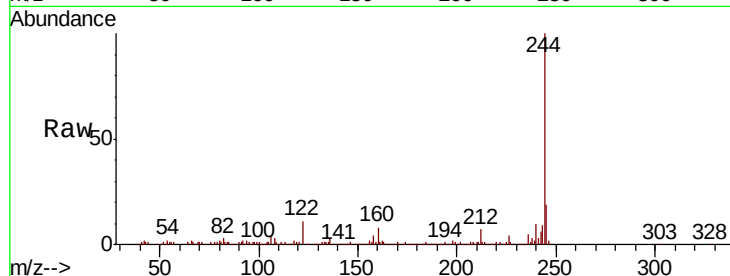
Tot Ion:244 Resp: 185473

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

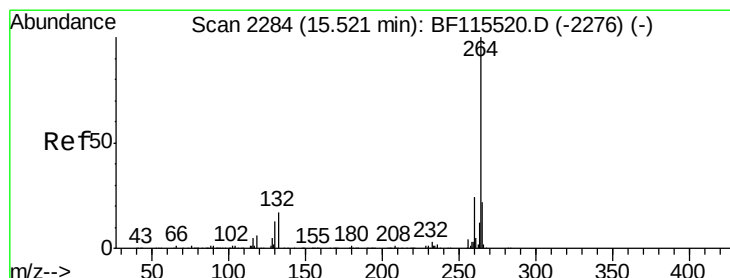
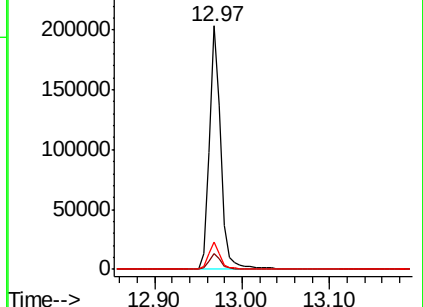
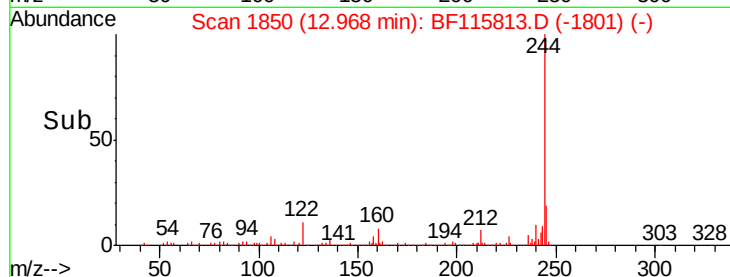
122 11.3 8.2 12.4



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: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF115813.D

Acq: 27 Jul 2019 3:13

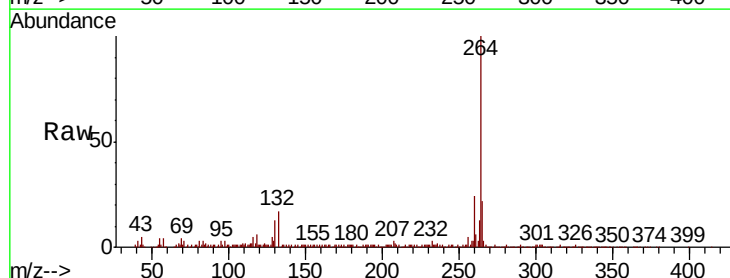
Tgt Ion:264 Resp: 304214

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.6 17.5 26.3



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

