

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115578.D
 Acq On : 16 Jul 2019 00:59
 Operator : HP/JU
 Sample : K3620-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jul 16 06:00:54 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

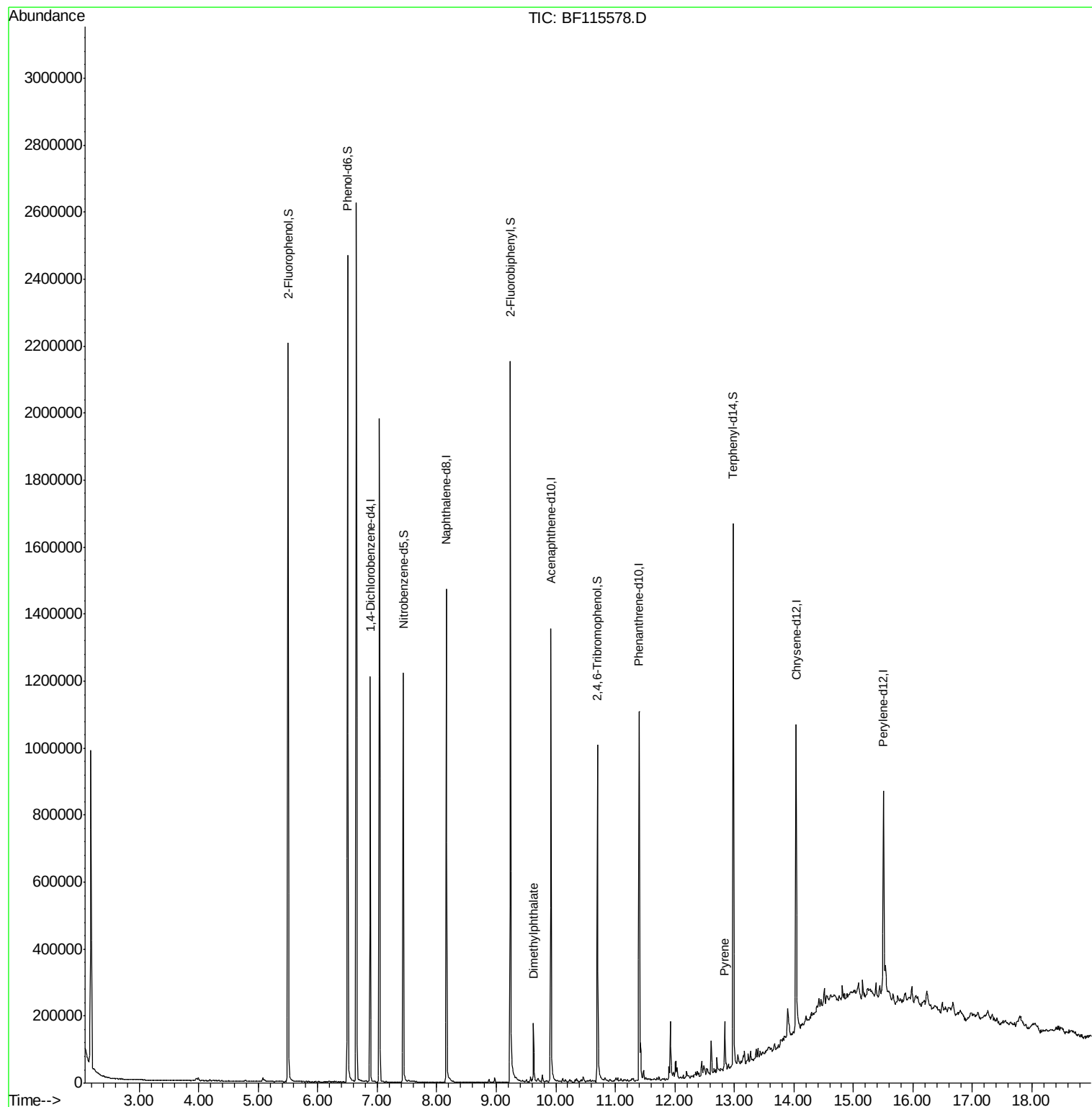
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175099	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	650677	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273218	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	449156	20.00	ng	0.00
76) Chrysene-d12	14.04	240	338652	20.00	ng	-0.01
87) Perylene-d12	15.50	264	330370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	655225	61.21	ng	0.00
7) Phenol-d6	6.50	99	834023	61.40	ng	-0.01
23) Nitrobenzene-d5	7.44	82	429984	38.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	152430	47.80	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	739675	47.38	ng	-0.01
79) Terphenyl-d14	12.98	244	583515	31.79	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.63	163	80364	3.909	ng	97
78) Pyrene	12.84	202	58567	2.041	ng	97

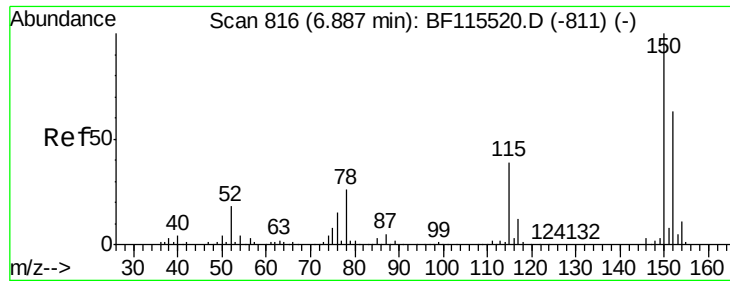
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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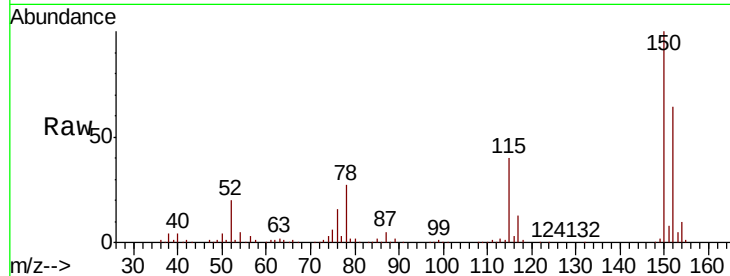


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	129.7	194.5
115	62.1	48.2	72.4

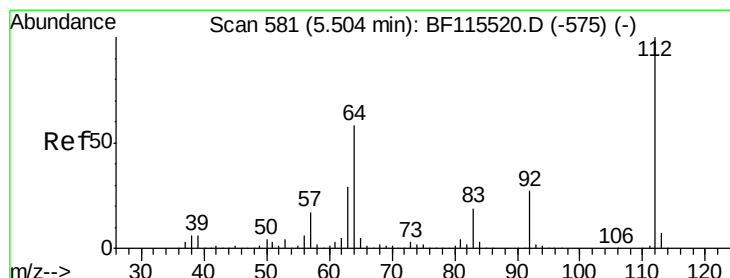
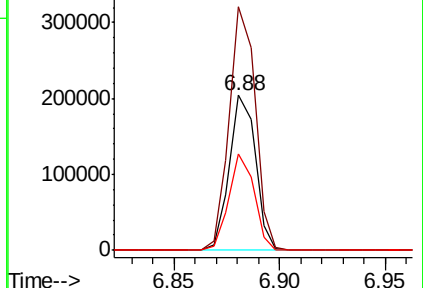
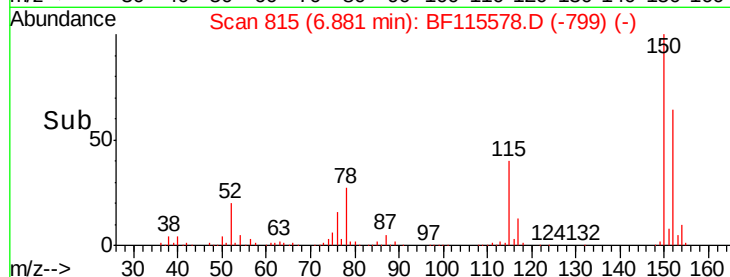


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

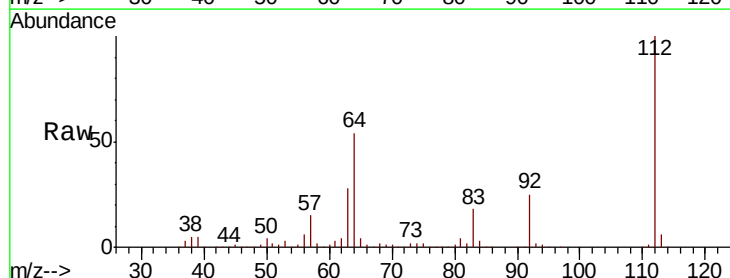
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 61.209 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.8	70.2
63	27.7	24.1	36.1

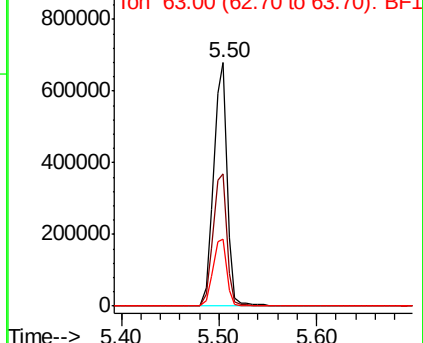
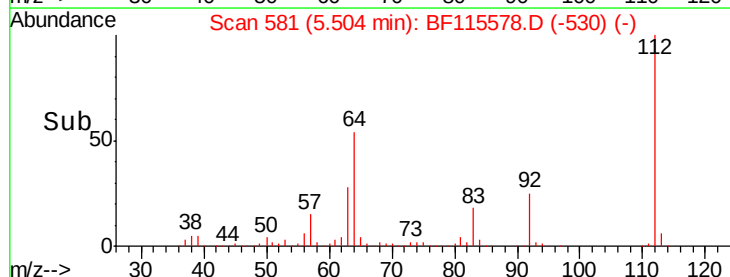


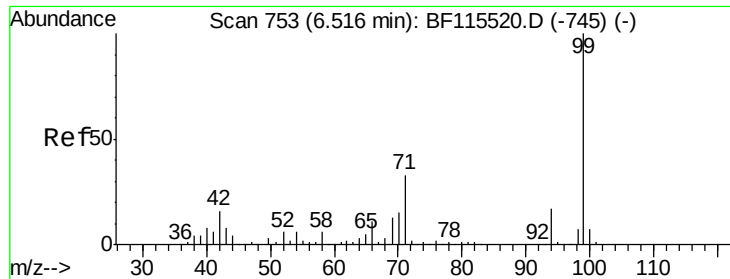
Abundance

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: 61.401 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-B

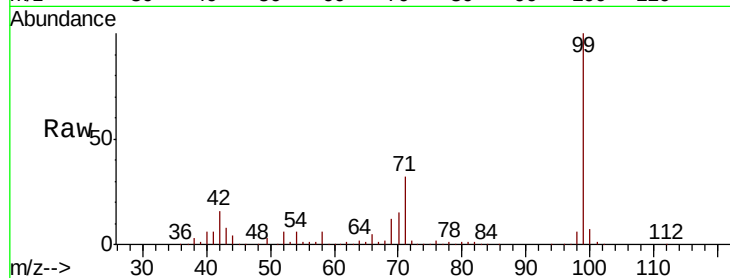
Tot Ion: 99 Resp: 834023

Ion Ratio Lower Upper

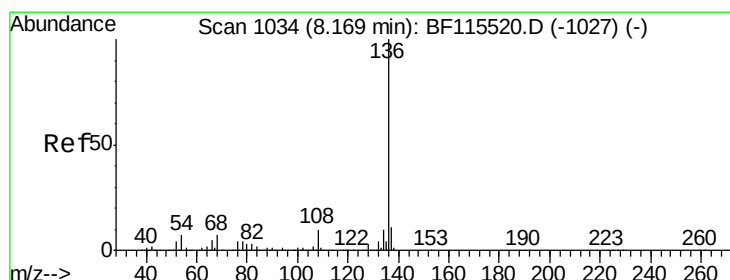
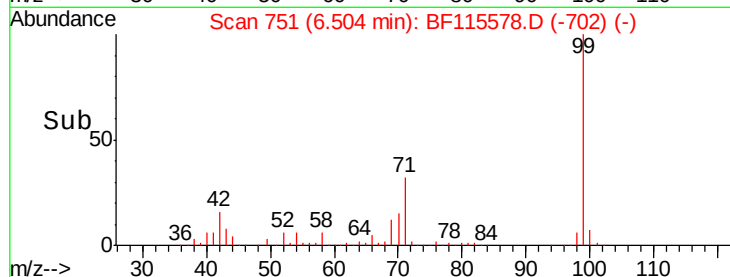
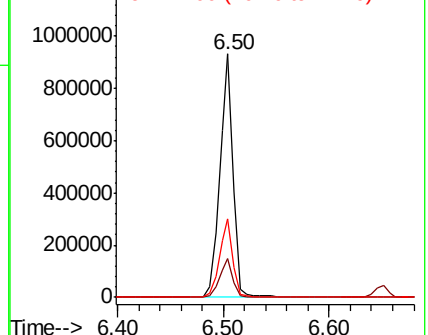
99 100

42 16.0 13.6 20.4

71 32.5 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: BF115578.D

Acq: 16 Jul 2019 00:59

Tgt Ion: 136 Resp: 650677

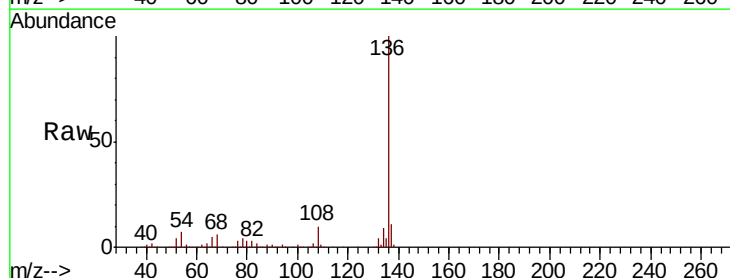
Ion Ratio Lower Upper

136 100

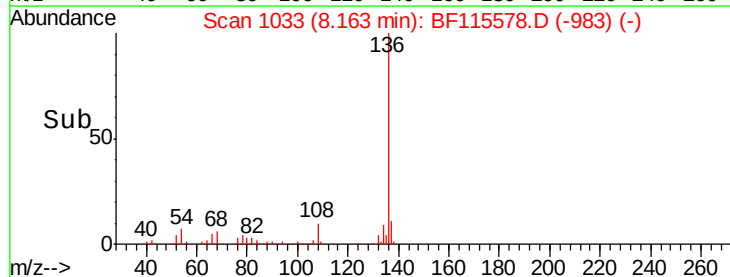
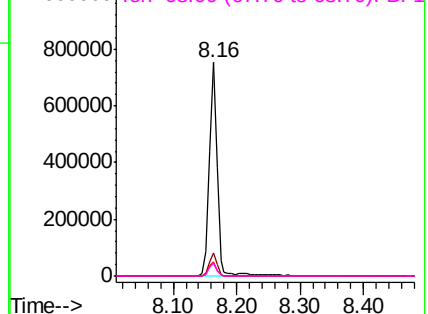
137 11.1 9.0 13.4

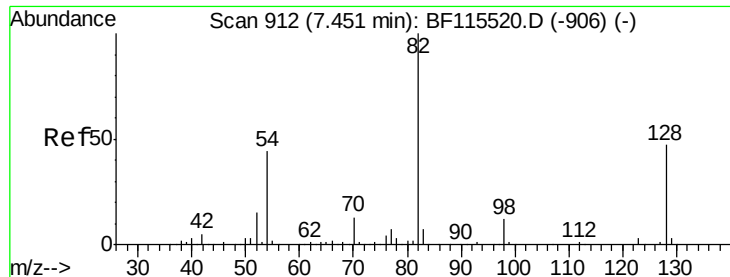
54 6.6 5.6 8.4

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

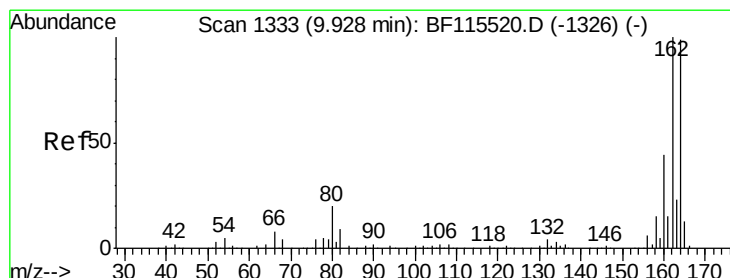
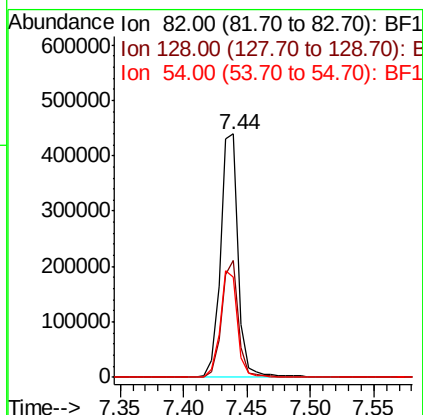
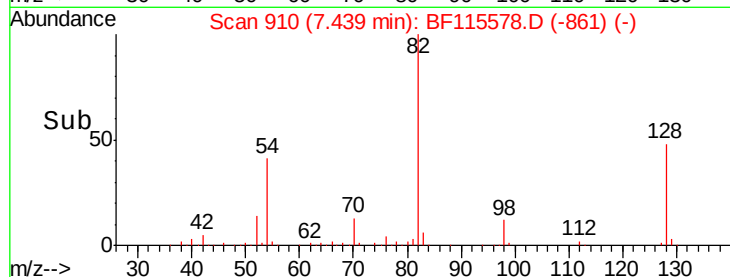
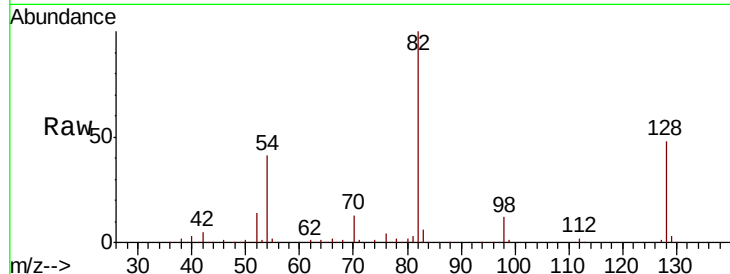




#23
Nitrobenzene-d5
Concen: 38.425 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

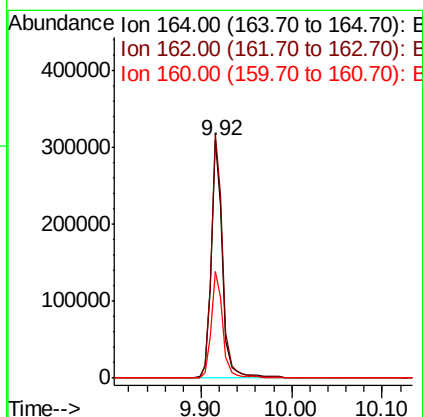
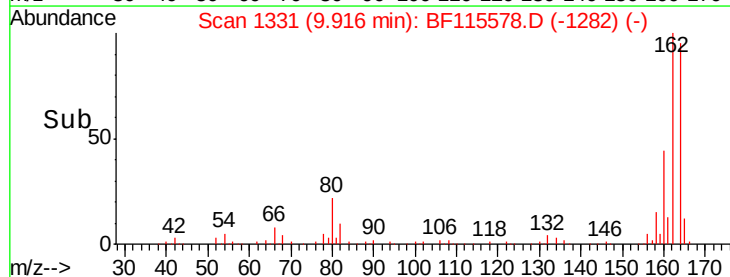
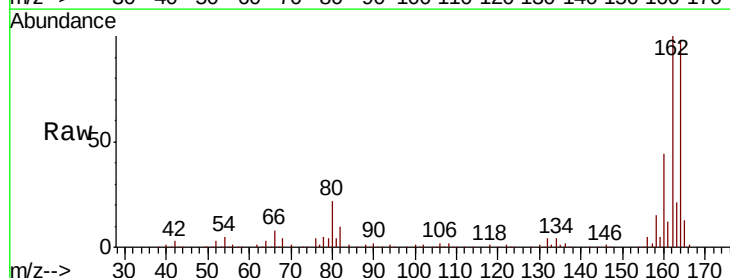
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-B

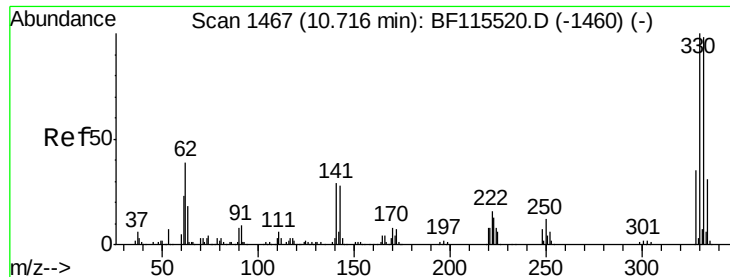
Tot Ion: 82 Resp: 429984
Ion Ratio Lower Upper
82 100
128 48.2 38.6 57.8
54 41.2 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

Tgt Ion:164 Resp: 273218
Ion Ratio Lower Upper
164 100
162 102.2 82.9 124.3
160 45.0 36.8 55.2

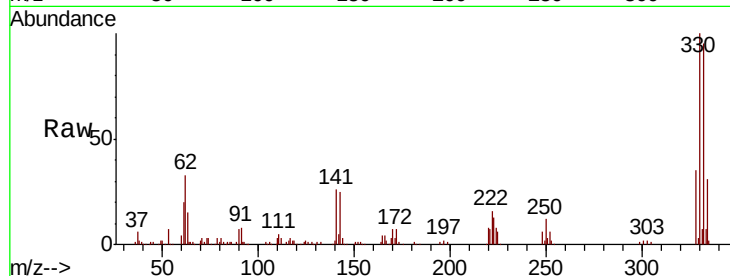




#42
 2,4,6-Tribromophenol
 Concen: 47.797 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	30.5	22.4	33.6

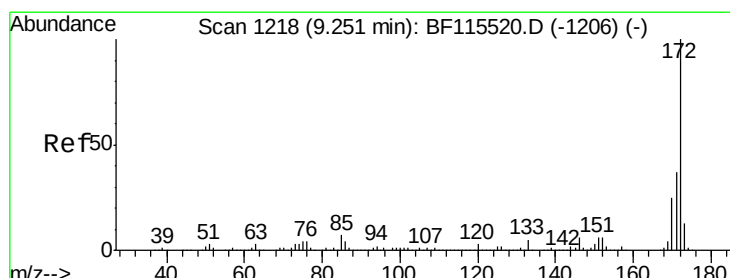
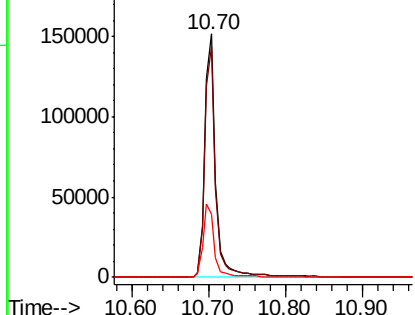
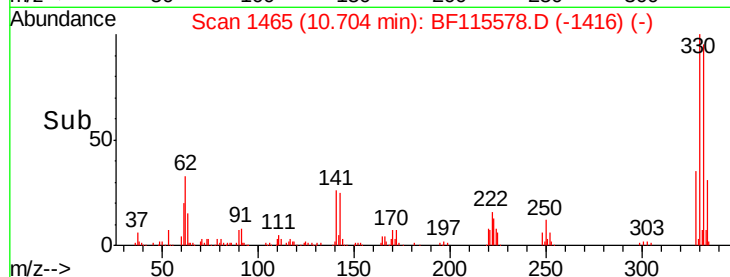


Abundance

Ion 329.80 (329.50 to 330.50): E

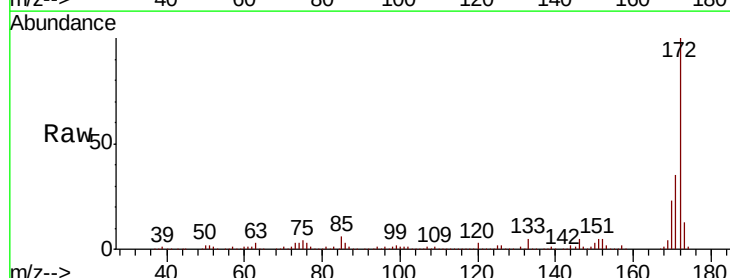
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 47.385 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	23.4	20.5	30.7

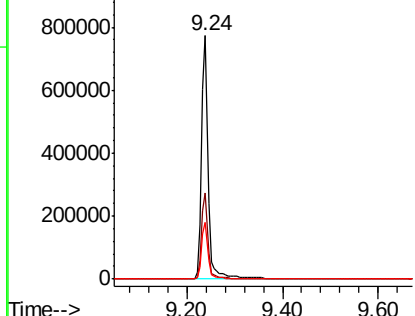
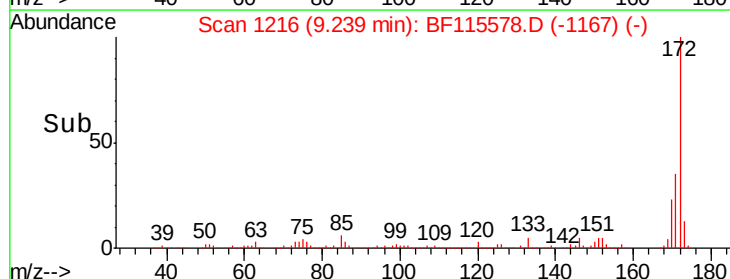


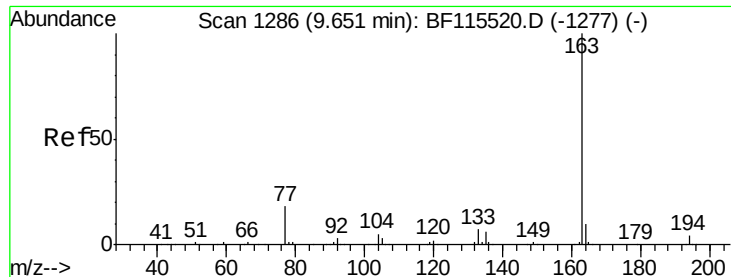
Abundance

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

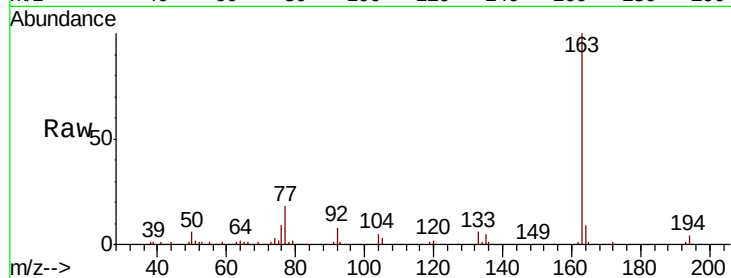




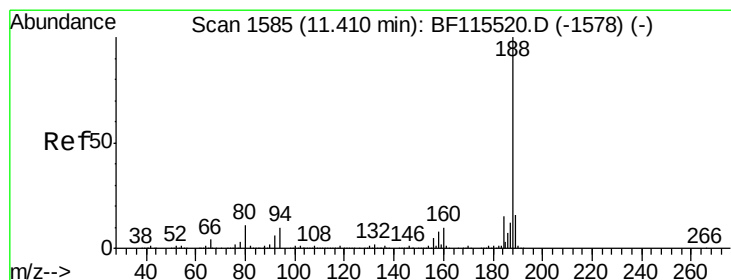
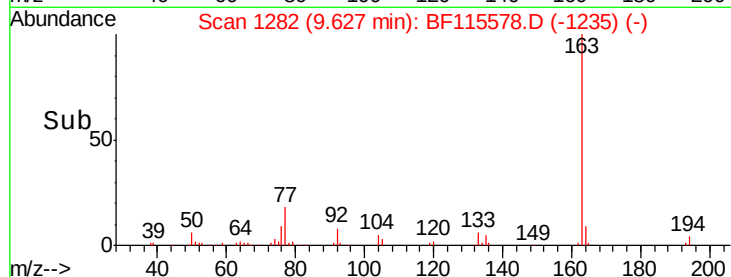
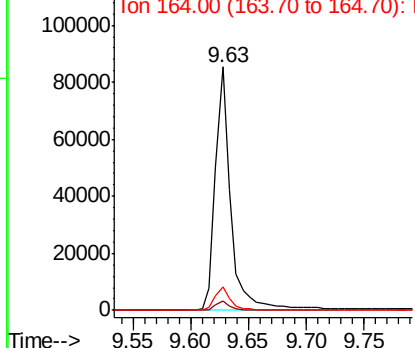
#50
Dimethylphthalate
Concen: 3.909 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

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

Tot Ion:163 Resp: 80364
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.5 8.7 13.1

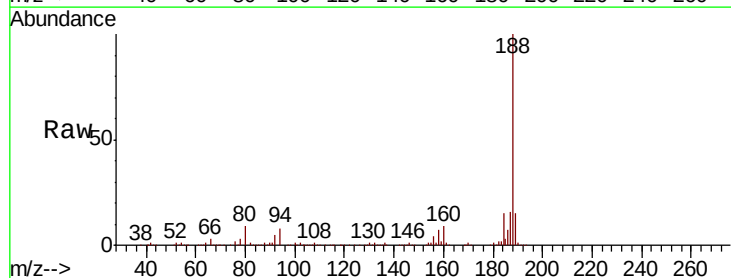


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

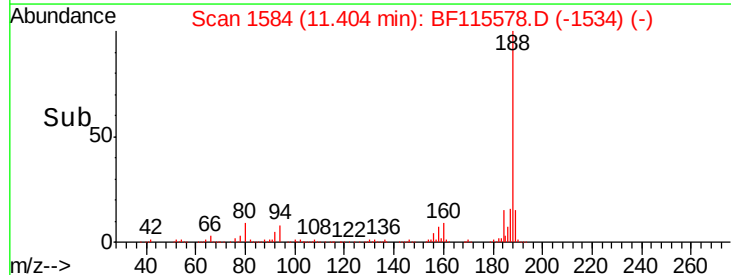
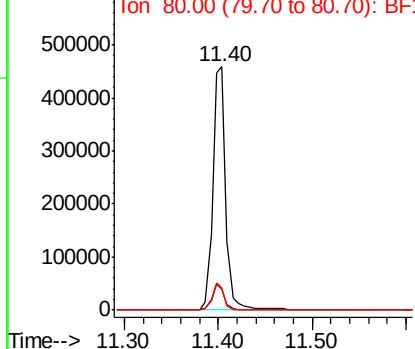


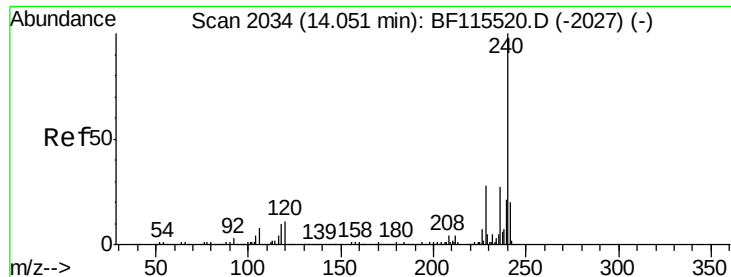
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115578.D
Acq: 16 Jul 2019 00:59

Tgt Ion:188 Resp: 449156
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.0 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

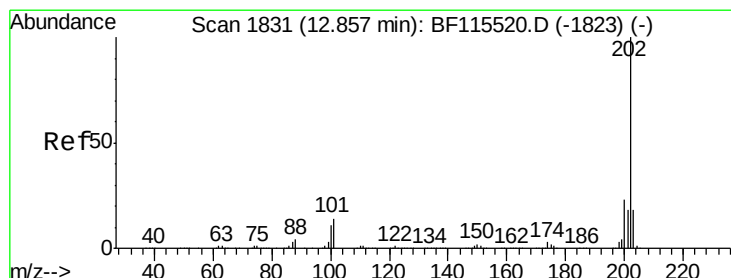
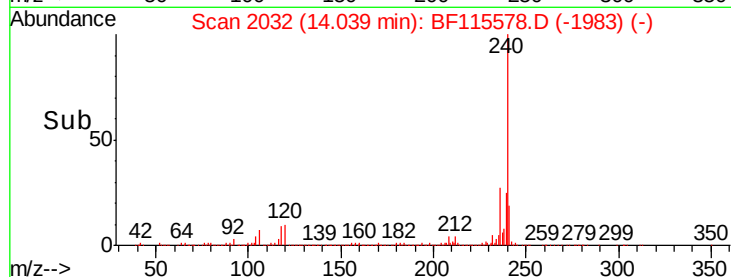
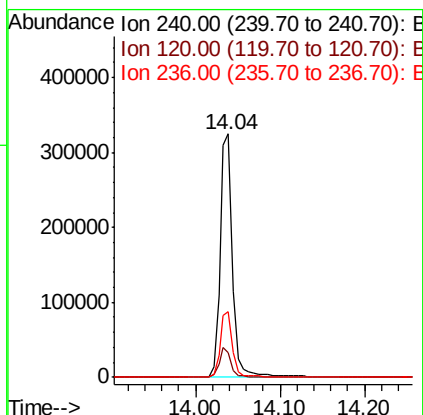
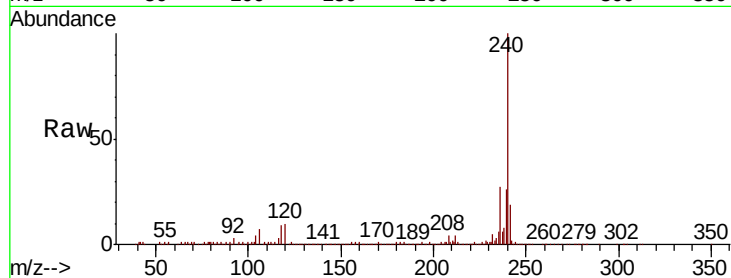




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

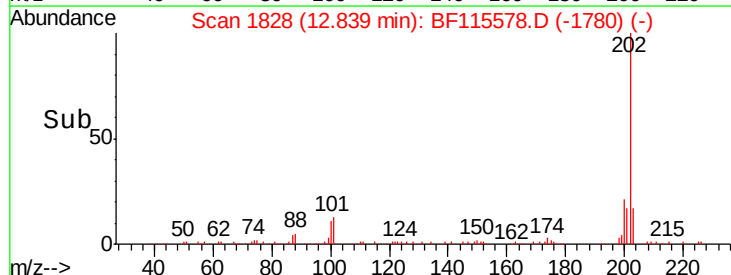
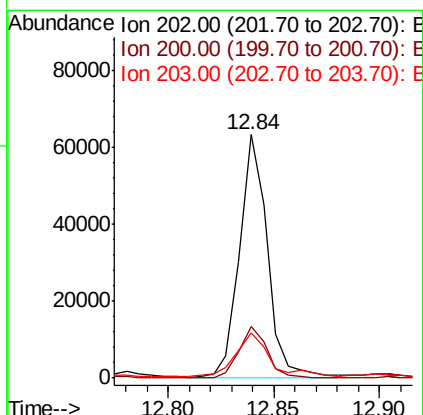
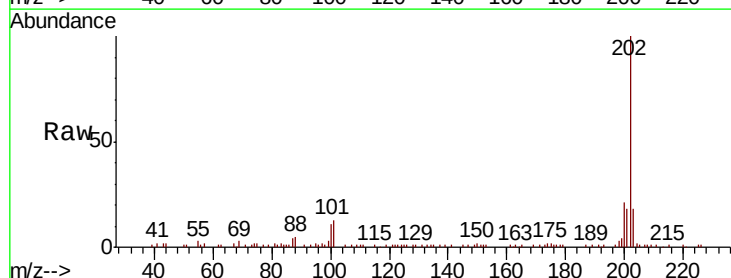
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 BNA_F
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 CL-01-071219-B

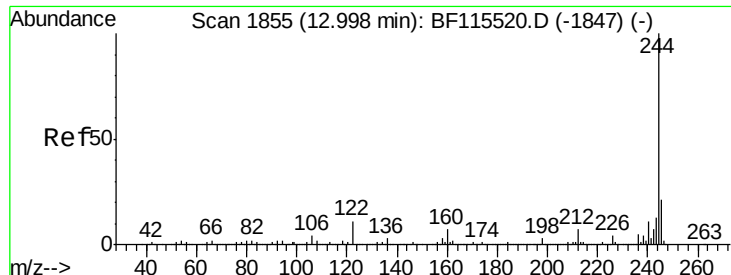
Tot Ion:240 Resp: 338652
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.6 13.0
 236 27.0 21.3 31.9



#78
 Pyrene
 Concen: 2.041 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115578.D
 Acq: 16 Jul 2019 00:59

Tgt Ion:202 Resp: 58567
 Ion Ratio Lower Upper
 202 100
 200 21.2 18.7 28.1
 203 18.5 15.2 22.8





#79

Terphenyl-d14

Concen: 31.793 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

Instrument :

BNA_F

ClientSampleId :

CL-01-071219-B

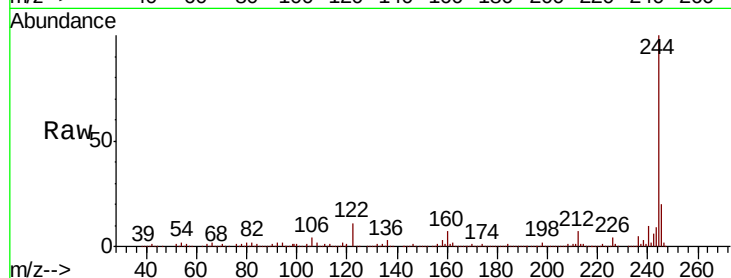
Tot Ion:244 Resp: 583515

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

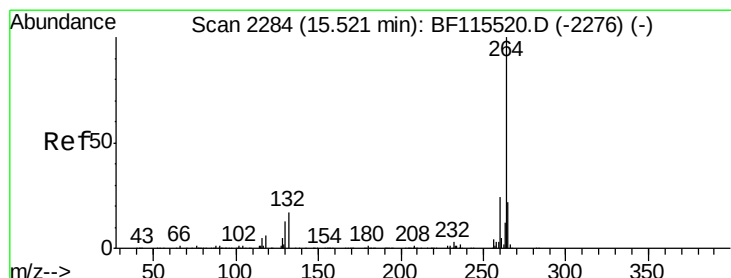
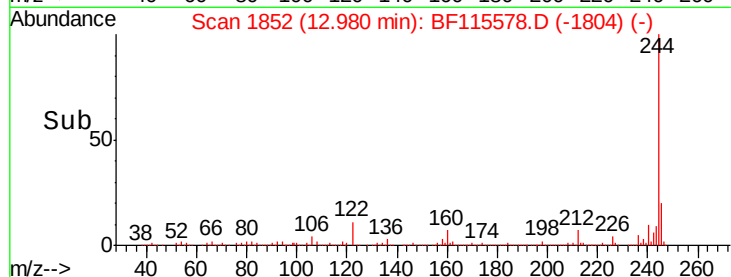
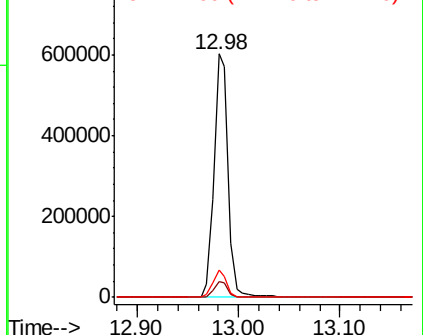
122 11.4 8.6 12.8



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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115578.D

Acq: 16 Jul 2019 00:59

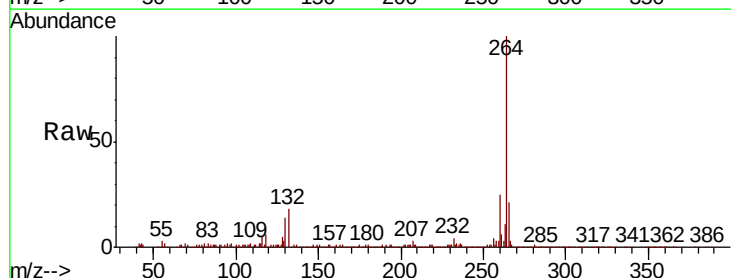
Tgt Ion:264 Resp: 330370

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

265 21.5 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

