

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118090.D
 Acq On : 4 Dec 2019 17:04
 Operator : JU
 Sample : K6119-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(8-10)

Quant Time: Dec 05 01:20:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

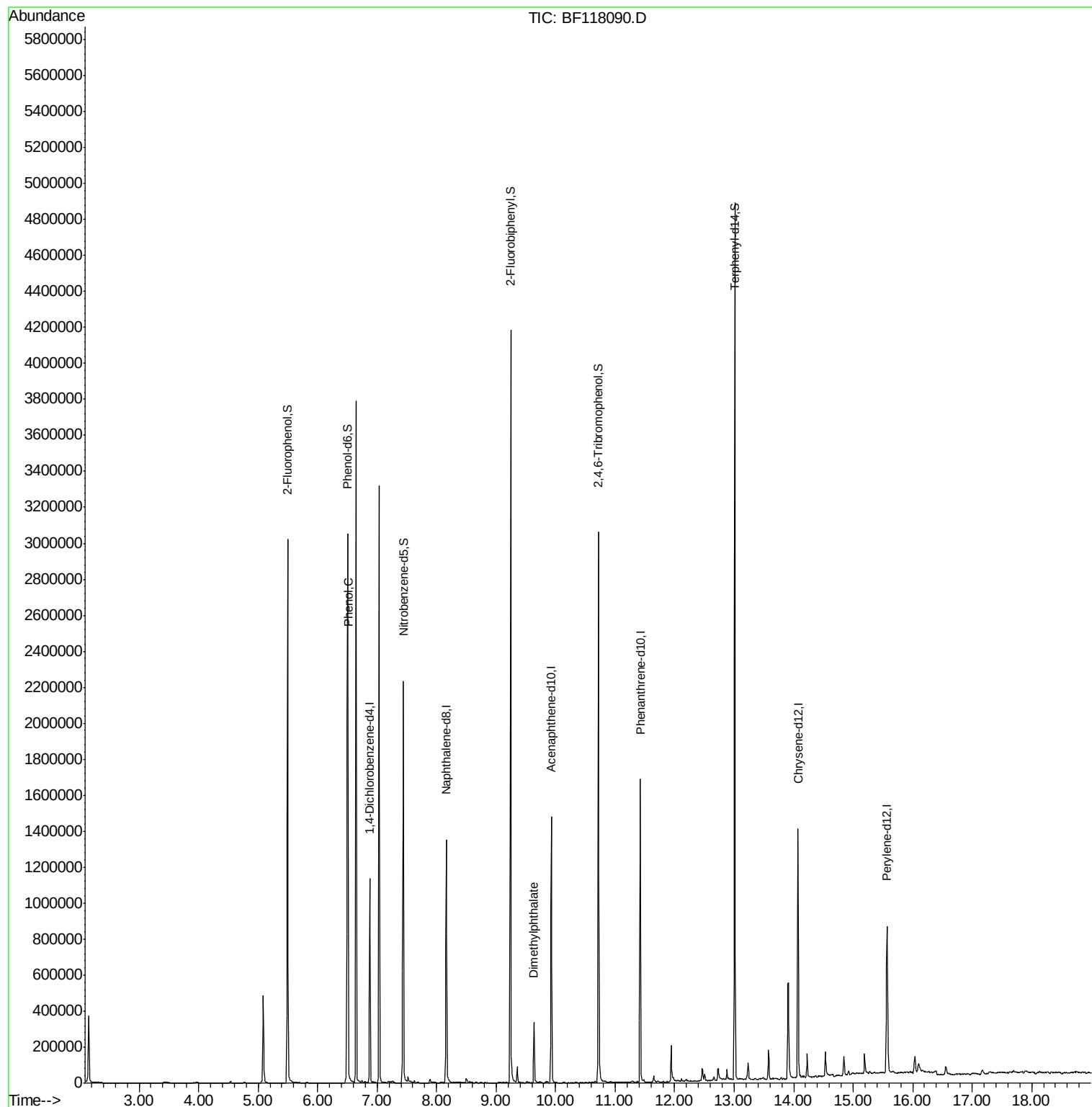
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163813	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	627641	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	286276	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	634772	20.00	ng	0.00
76) Chrysene-d12	14.07	240	468155	20.00	ng	0.00
87) Perylene-d12	15.57	264	396482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	934917	101.02	ng	0.01
7) Phenol-d6	6.50	99	1116356	100.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	704991	66.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	396856	130.94	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1334425	83.63	ng	0.00
79) Terphenyl-d14	13.02	244	1736063	67.77	ng	0.00
Target Compounds						
10) Phenol	6.52	94	30694	2.646	ng	97
50) Dimethylphthalate	9.63	163	159142	7.927	ng	100

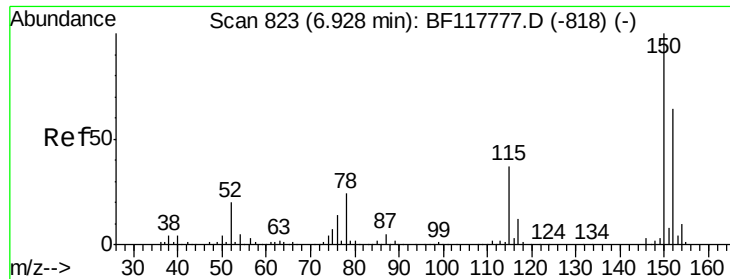
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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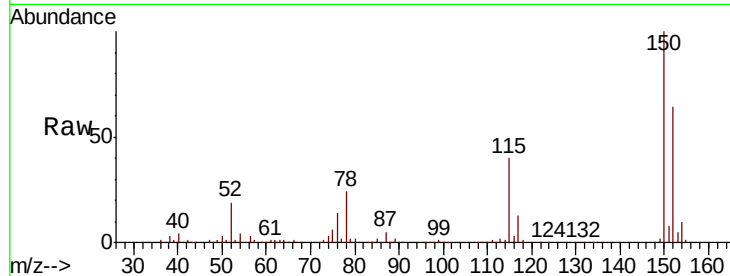


#1

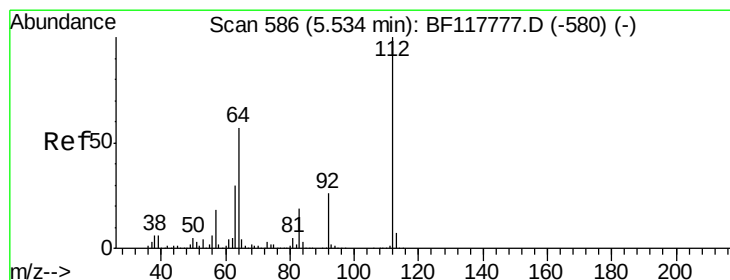
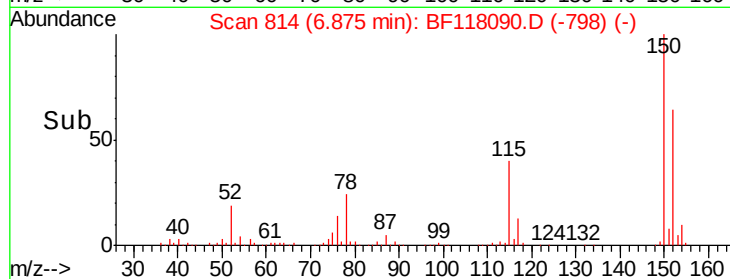
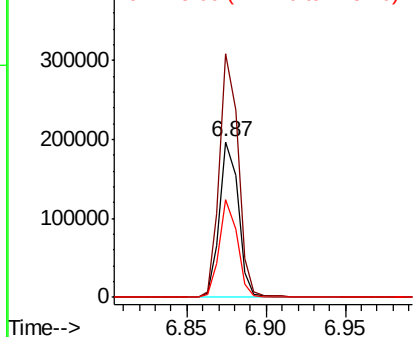
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SB-5-(8-10)

Tot Ion:152 Resp: 163813
Ion Ratio Lower Upper
152 100
150 156.4 121.4 182.2
115 63.1 48.8 73.2



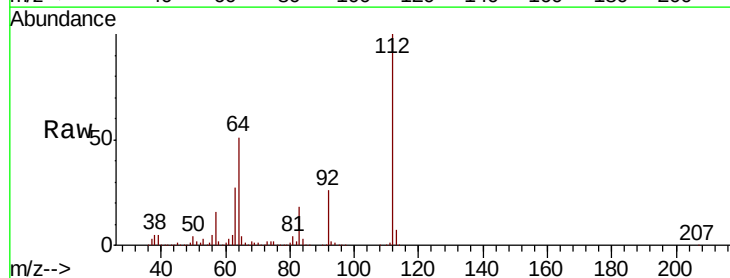
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



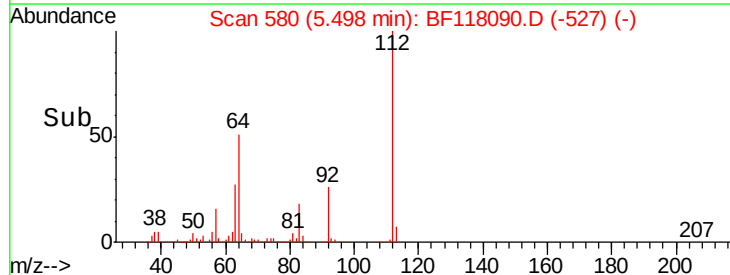
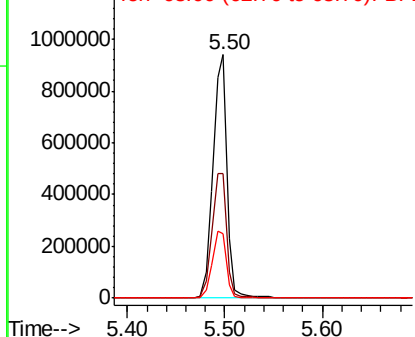
#5

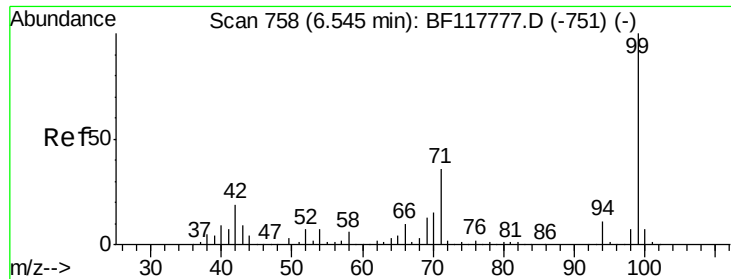
2-Fluorophenol
Concen: 101.024 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:112 Resp: 934917
Ion Ratio Lower Upper
112 100
64 51.4 45.1 67.7
63 26.7 24.6 37.0



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: 100.011 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118090.D

Acq: 4 Dec 2019 17:04

Instrument :

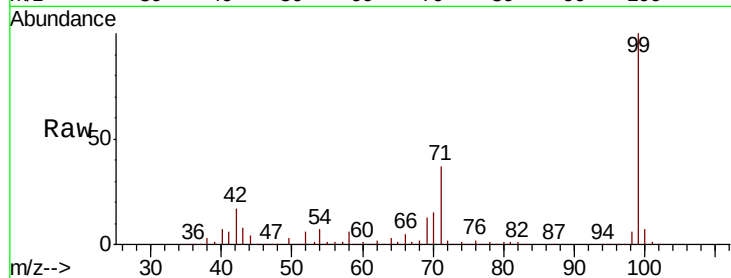
BNA_F

ClientSampled :

SB-5-(8-10)

Tot Ion: 99 Resp: 1116356

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.0	21.0
71	36.7	29.2	43.8

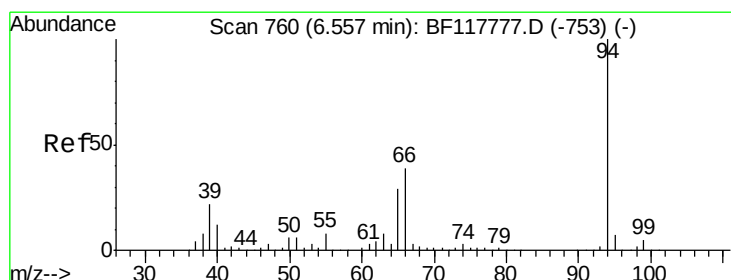
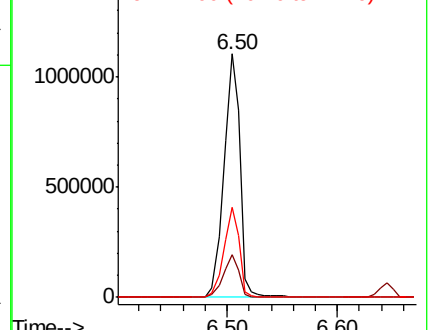
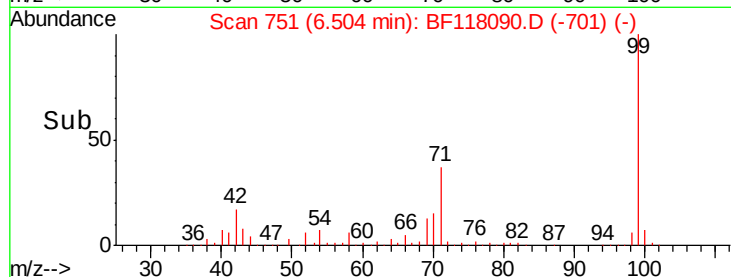


Abundance

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



#10

Phenol

Concen: 2.646 ng

RT: 6.52 min Scan# 753

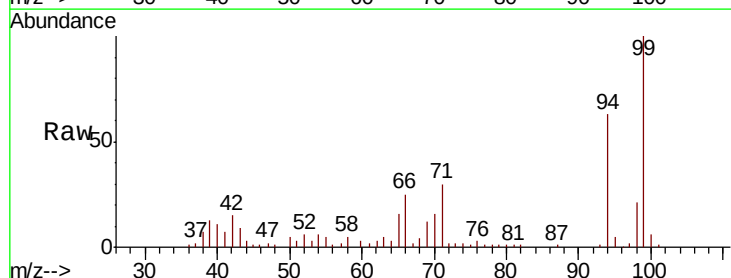
Delta R.T. -0.01 min

Lab File: BF118090.D

Acq: 4 Dec 2019 17:04

Tgt Ion: 94 Resp: 30694

Ion	Ratio	Lower	Upper
94	100		
65	25.5	6.9	46.9
66	40.6	18.6	58.6

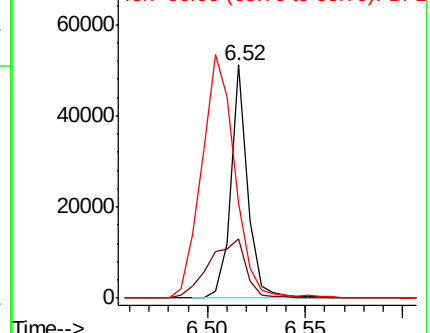
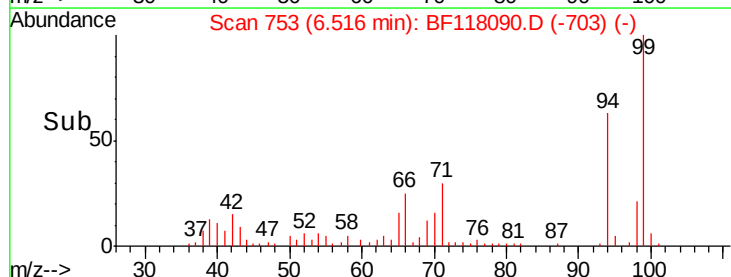


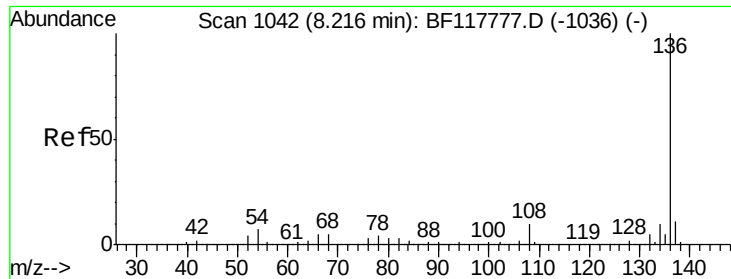
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

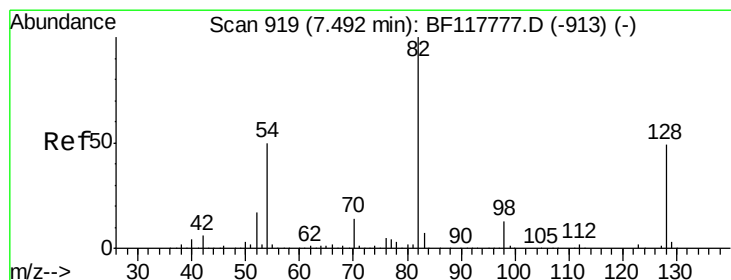
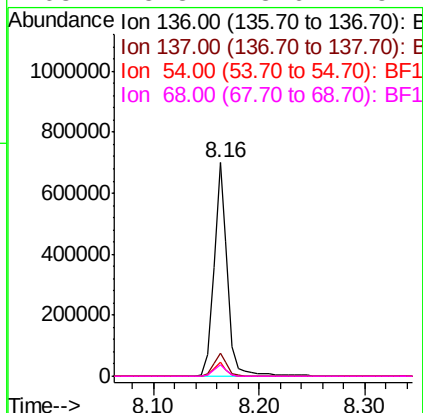
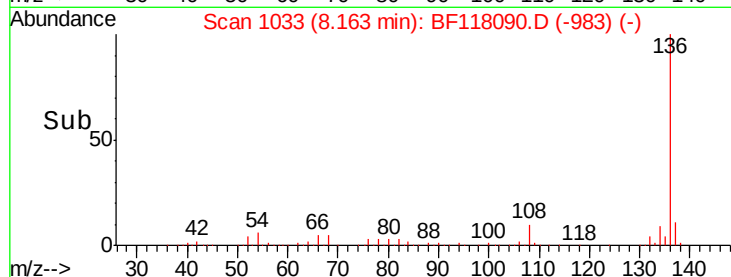
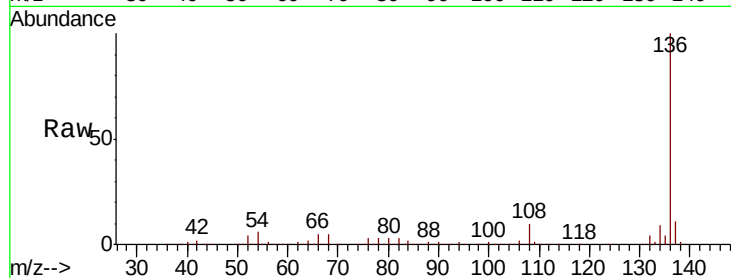




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

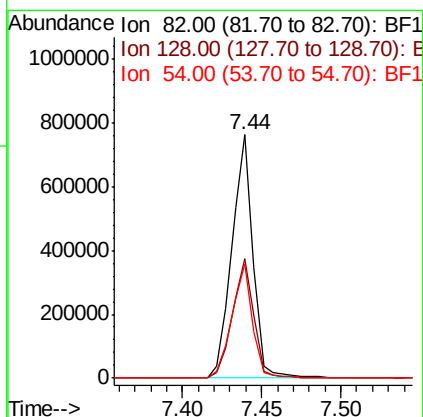
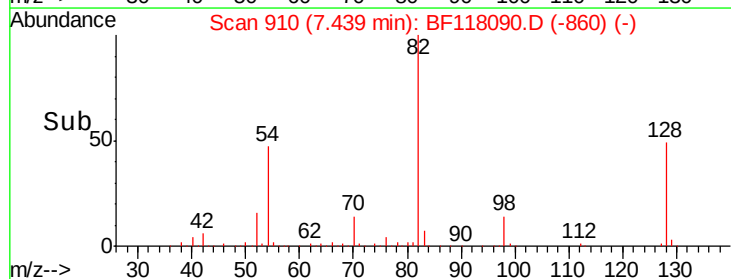
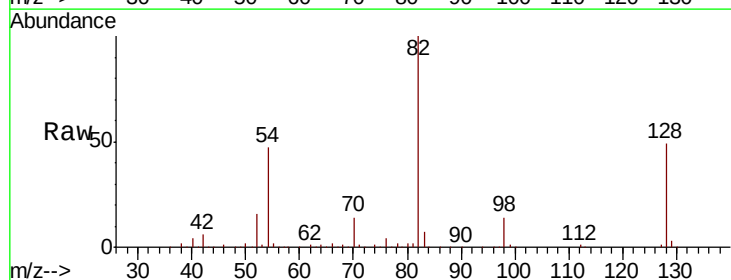
Instrument :
BNA_F
ClientSampleId :
SB-5-(8-10)

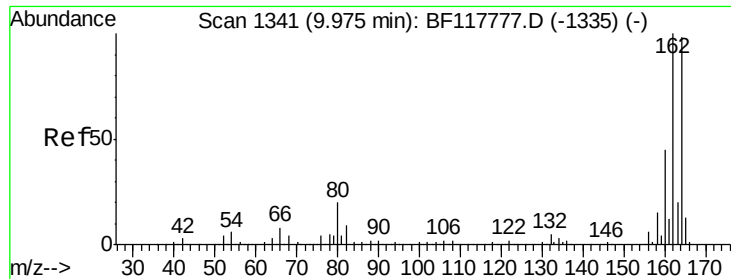
Tot Ion:136	Resp:	627641
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	6.3	4.9 7.3
68	5.3	3.6 5.4



#23
Nitrobenzene-d5
Concen: 66.772 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion: 82	Resp:	704991
Ion	Ratio	Lower Upper
82	100	
128	49.1	38.2 57.4
54	47.0	39.0 58.4

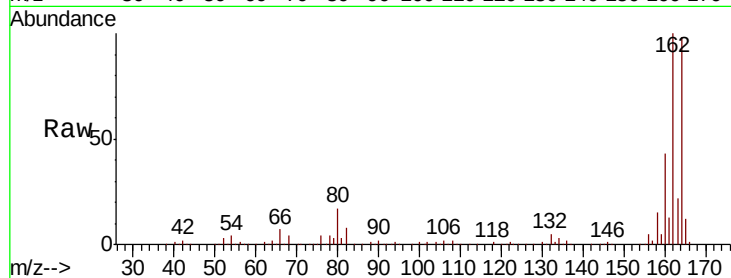




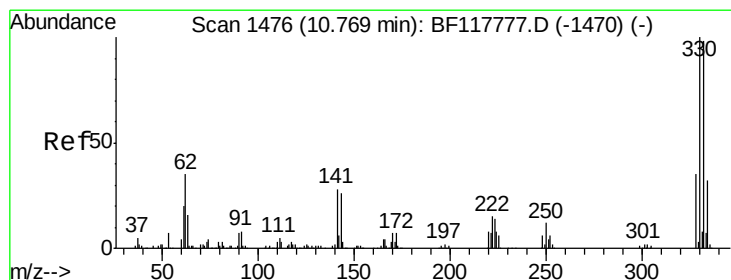
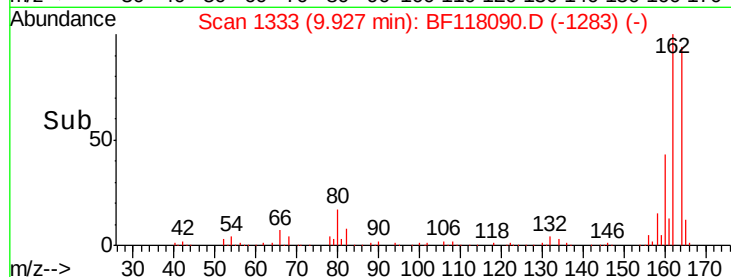
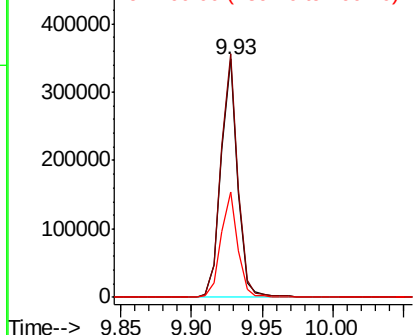
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SB-5-(8-10)

Tot Ion:164 Resp: 286276
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.8
160 44.4 35.9 53.9

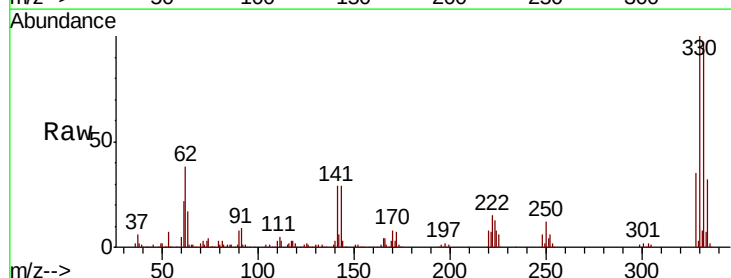


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

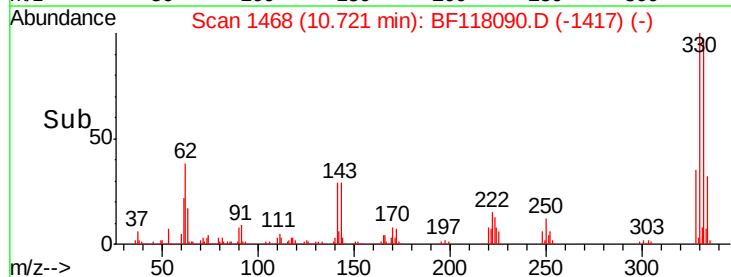
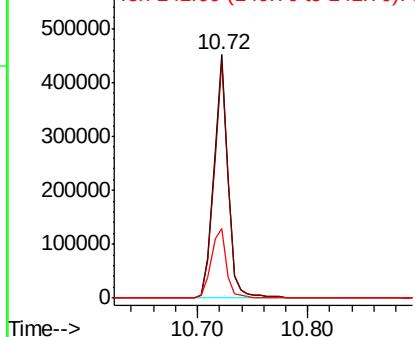


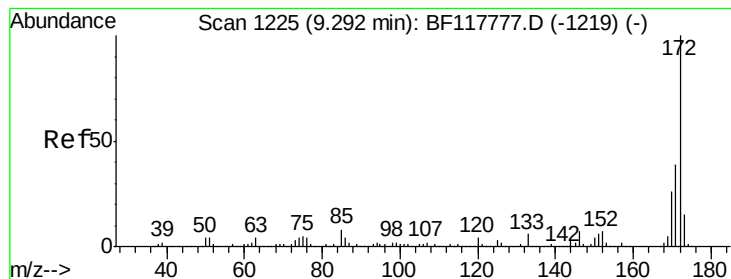
#42
2,4,6-Tribromophenol
Concen: 130.942 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:330 Resp: 396856
Ion Ratio Lower Upper
330 100
332 97.0 78.3 117.5
141 31.1 26.4 39.6



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: 83.626 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118090.D

Acq: 4 Dec 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SB-5-(8-10)

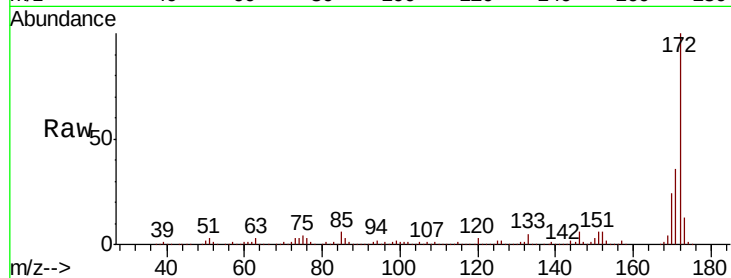
Tot Ion:172 Resp: 1334425

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

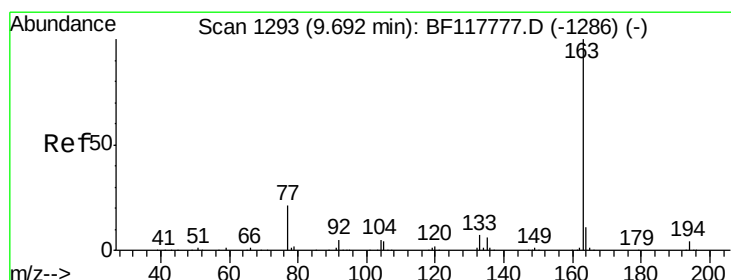
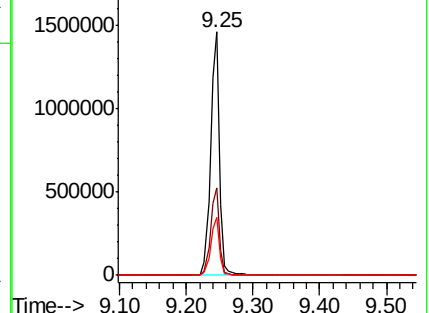
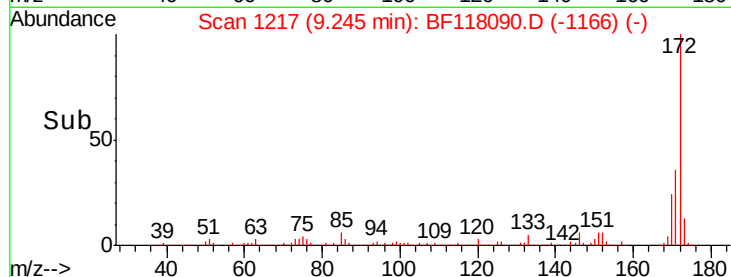
170 23.9 19.3 28.9



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: 7.927 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF118090.D

Acq: 4 Dec 2019 17:04

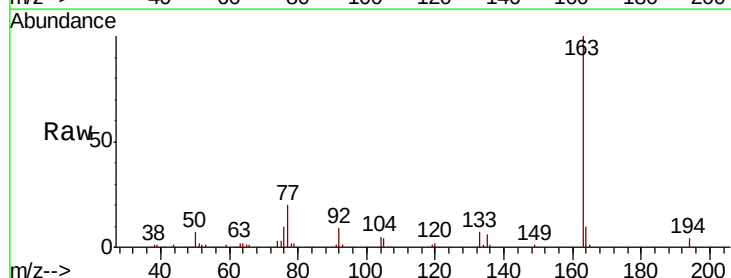
Tgt Ion:163 Resp: 159142

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

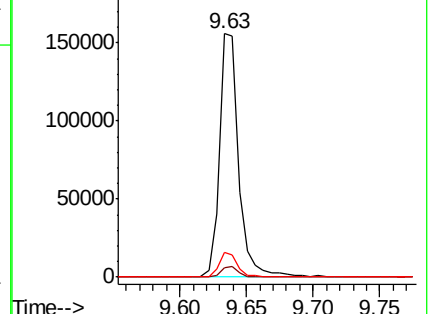
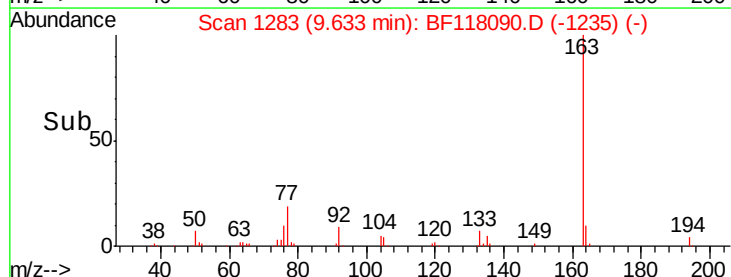
164 9.9 7.9 11.9

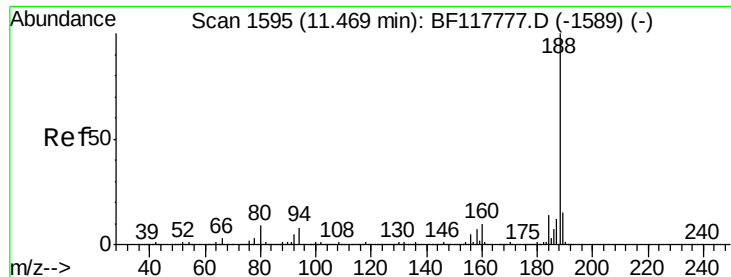


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

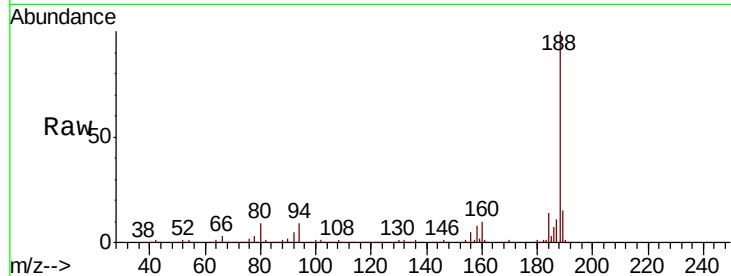




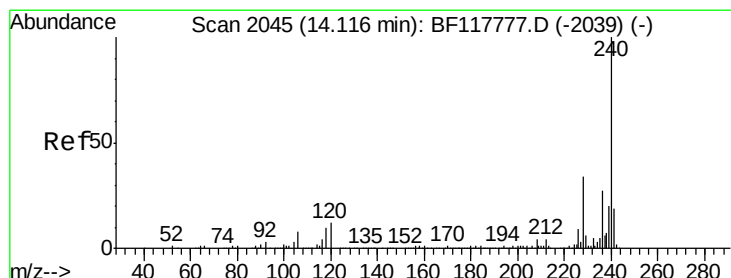
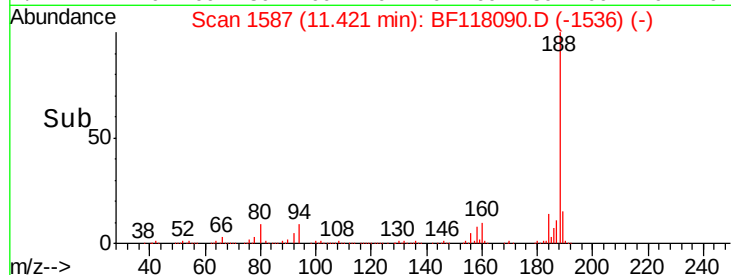
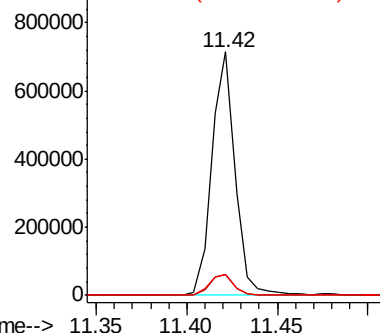
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :
SB-5-(8-10)

Tot Ion:188 Resp: 634772
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.7 7.2 10.8

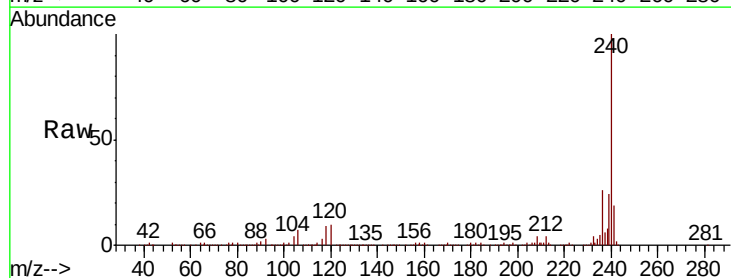


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

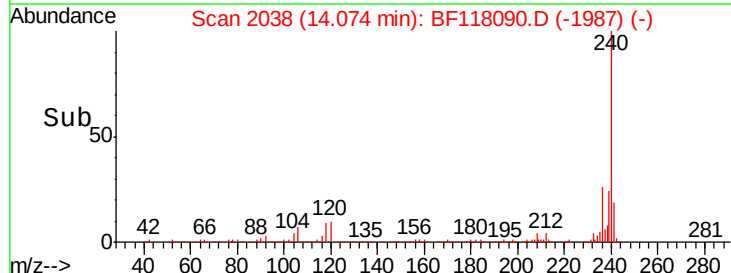
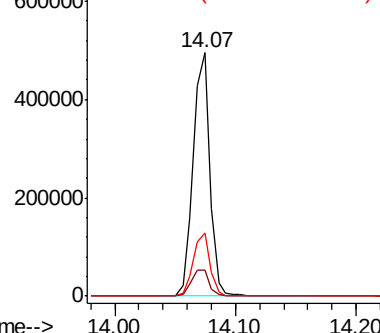


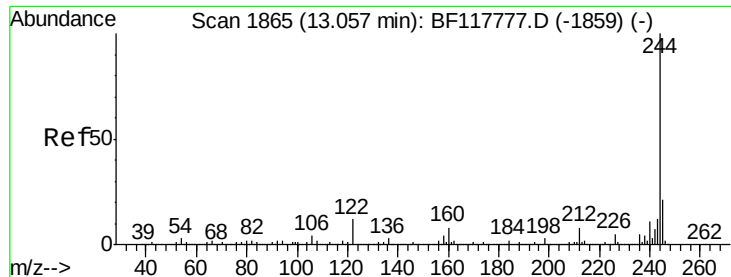
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118090.D
Acq: 4 Dec 2019 17:04

Tgt Ion:240 Resp: 468155
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.0 20.6 31.0



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: 67.773 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BF118090.D

Acq: 4 Dec 2019 17:04

Instrument :

BNA_F

ClientSampleId :

SB-5-(8-10)

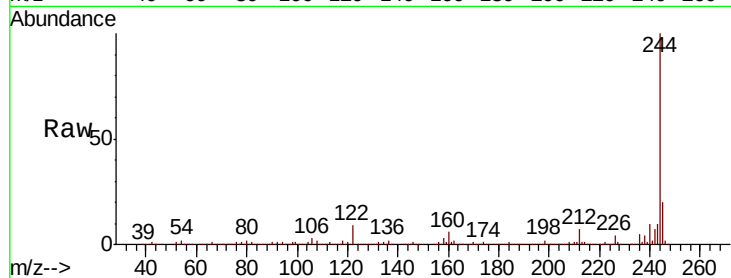
Tot Ion:244 Resp: 1736063

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

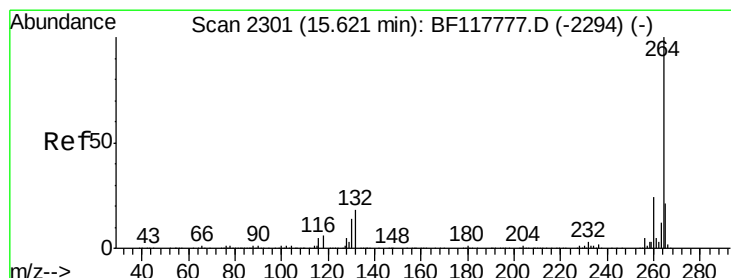
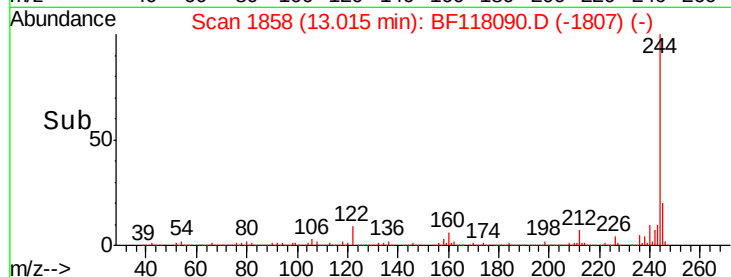
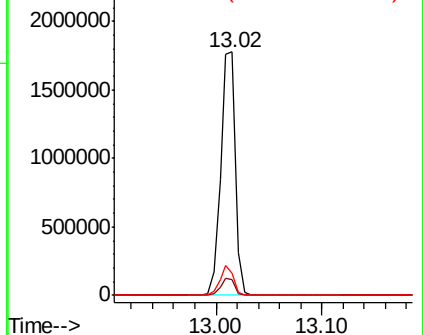
122 9.1 7.2 10.8



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: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF118090.D

Acq: 4 Dec 2019 17:04

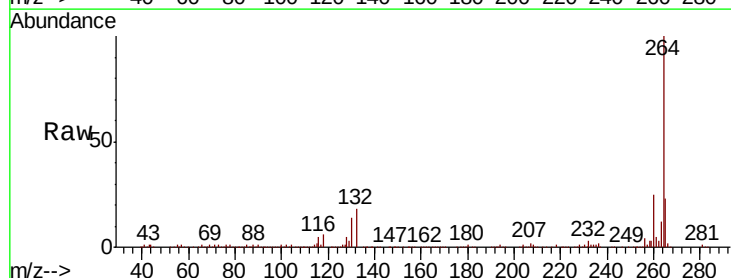
Tgt Ion:264 Resp: 396482

Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.6

265 22.8 16.4 24.6



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

