

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118013.D
 Acq On : 26 Nov 2019 18:00
 Operator : JU
 Sample : K5959-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-COMP-BD

Quant Time: Nov 27 00:55:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

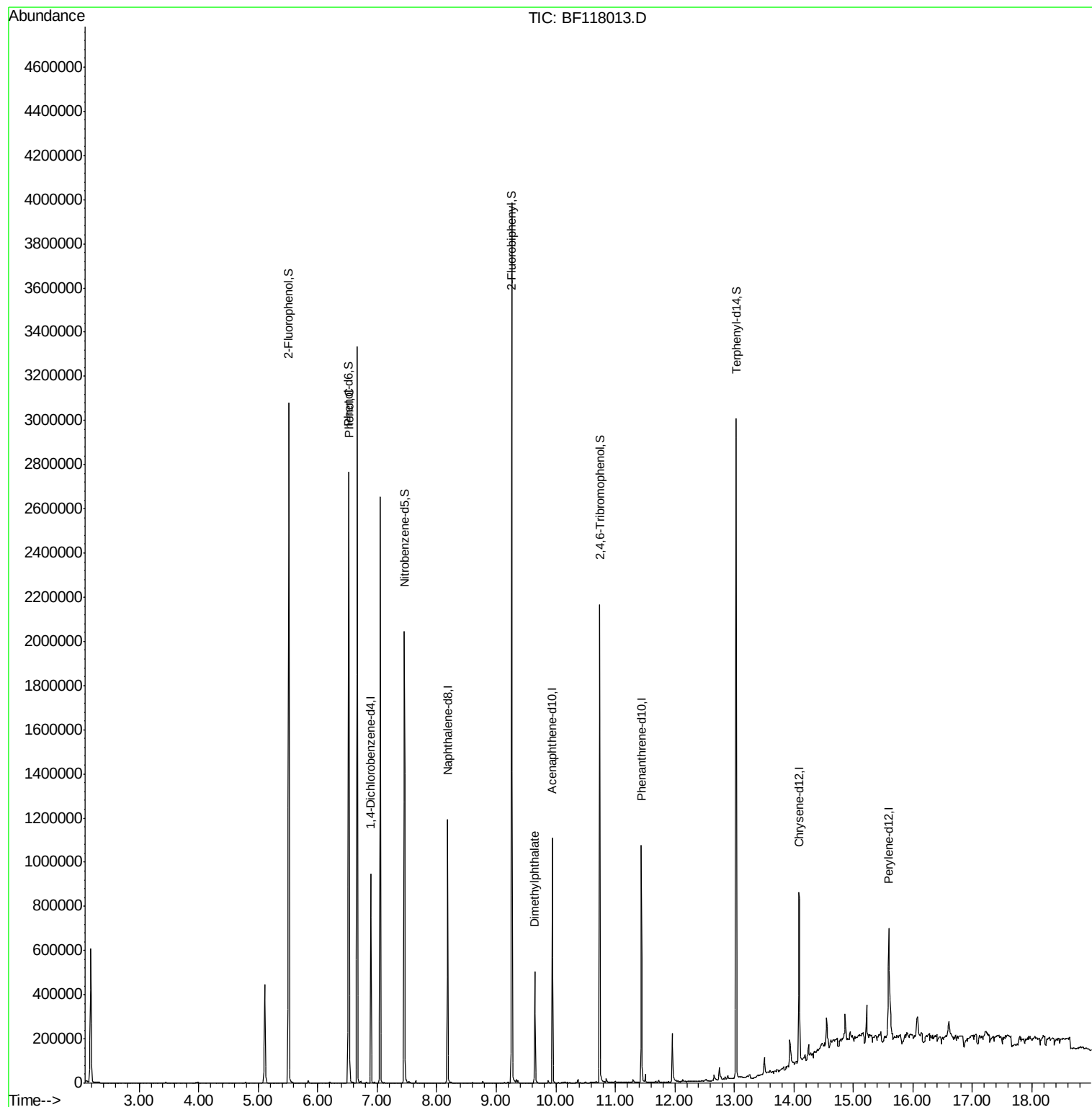
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	136238	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	495304	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	204130	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	387205	20.00	ng	0.00
76) Chrysene-d12	14.09	240	258030	20.00	ng	0.00
87) Perylene-d12	15.59	264	239567	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	873391	113.48	ng	0.02
7) Phenol-d6	6.52	99	1139183	122.71	ng	0.00
23) Nitrobenzene-d5	7.46	82	665360	79.86	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	268125	124.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1136621	99.89	ng	0.00
79) Terphenyl-d14	13.03	244	1096919	77.69	ng	0.00
Target Compounds						
10) Phenol	6.53	94	25037	2.595	ng	94
50) Dimethylphthalate	9.65	163	187207	13.078	ng	98

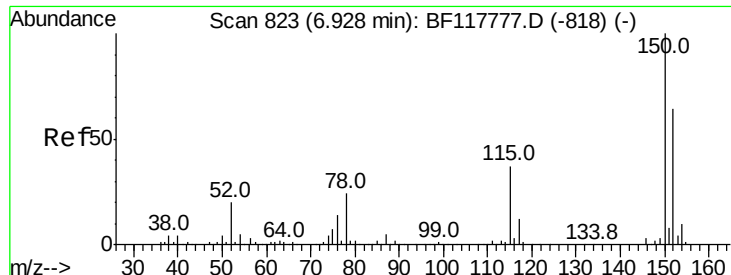
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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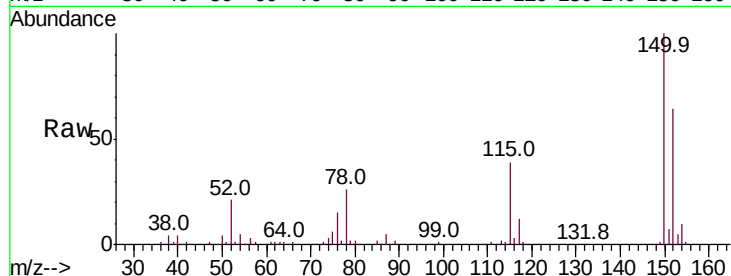


#1

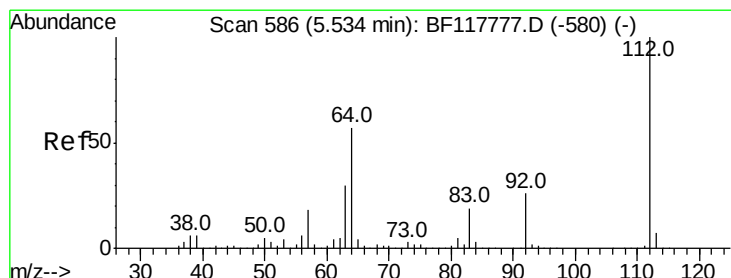
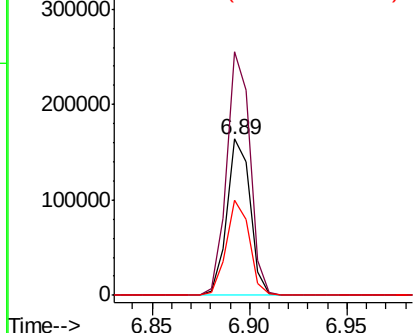
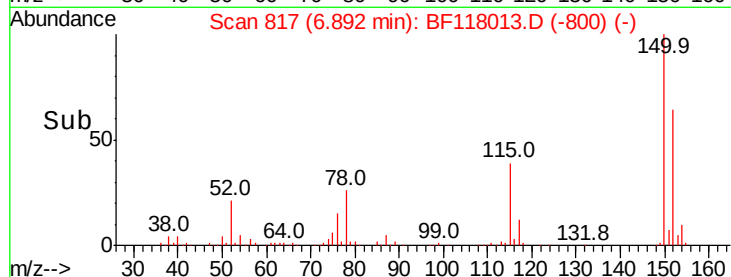
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-COMP-BD

Tot Ion:152 Resp: 136238
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.3 187.9
 115 61.0 47.0 70.4



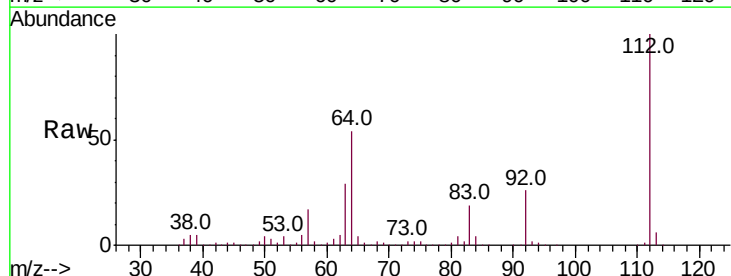
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



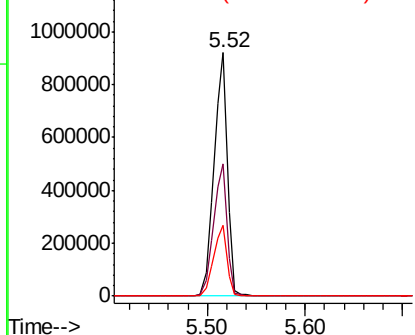
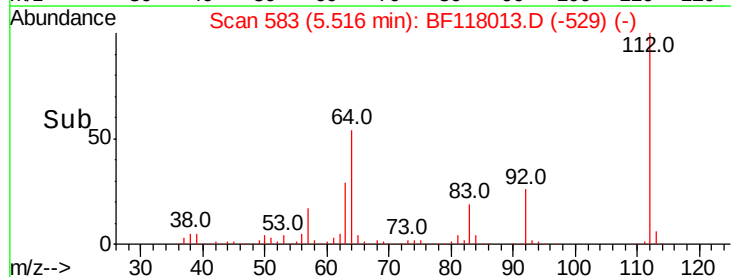
#5

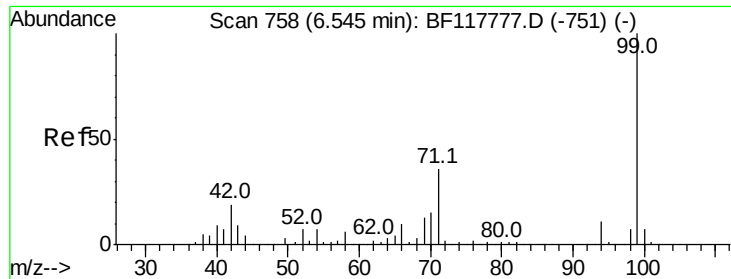
2-Fluorophenol
 Concen: 113.477 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Tgt Ion:112 Resp: 873391
 Ion Ratio Lower Upper
 112 100
 64 54.2 45.6 68.4
 63 29.0 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: 122.713 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118013.D

Acq: 26 Nov 2019 18:00

Instrument :

BNA_F

ClientSampleId :

WS-112019-COMP-BD

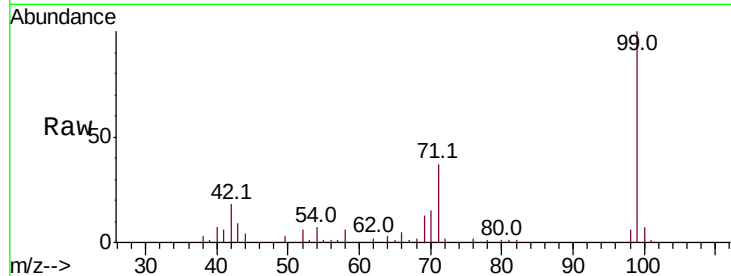
Tot Ion: 99 Resp: 1139183

Ion Ratio Lower Upper

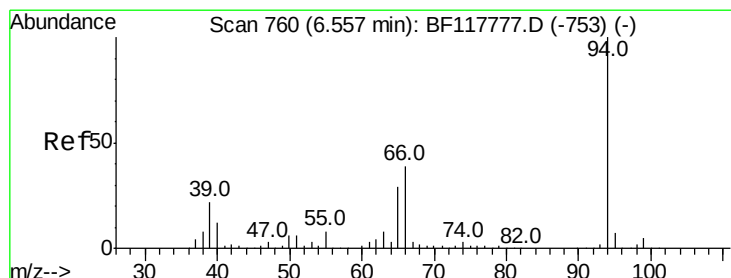
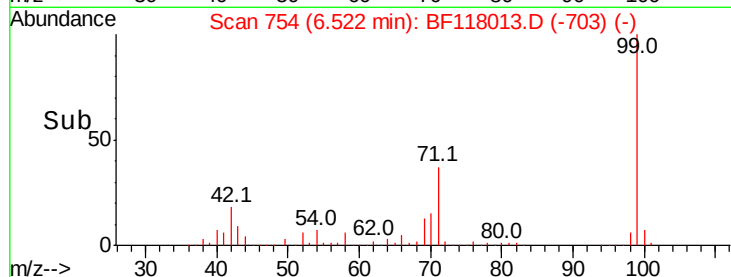
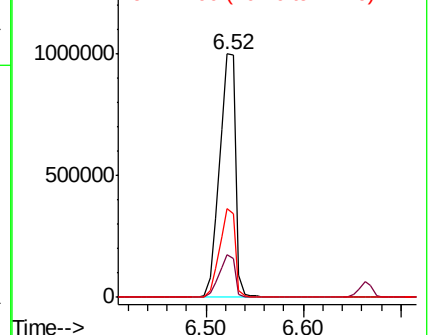
99 100

42 17.7 14.9 22.3

71 36.6 28.6 43.0



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: 2.595 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF118013.D

Acq: 26 Nov 2019 18:00

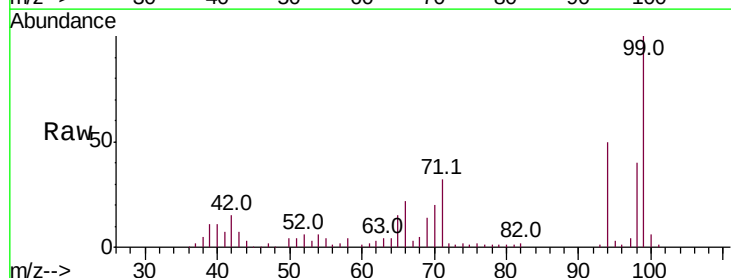
Tgt Ion: 94 Resp: 25037

Ion Ratio Lower Upper

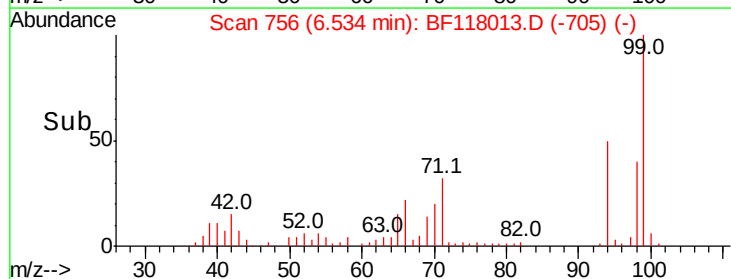
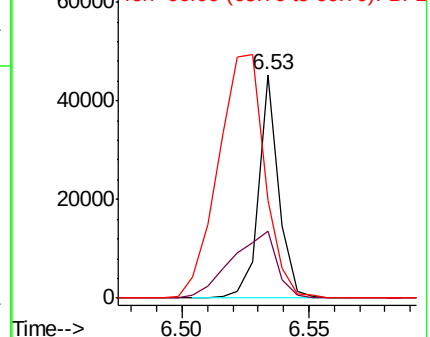
94 100

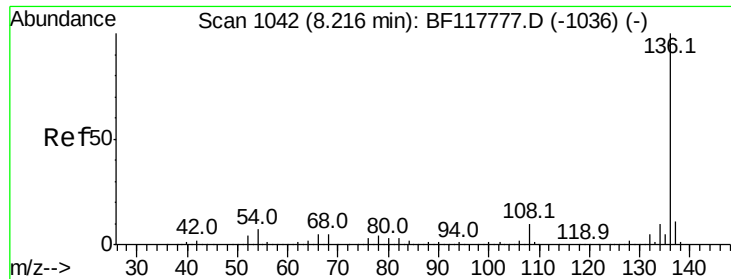
65 29.8 8.9 48.9

66 43.9 18.7 58.7



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

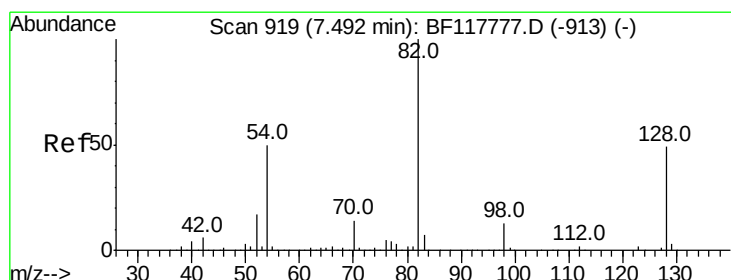
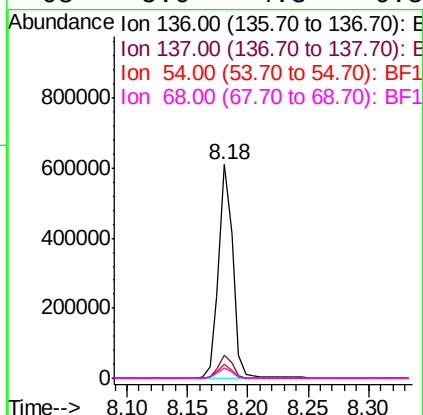
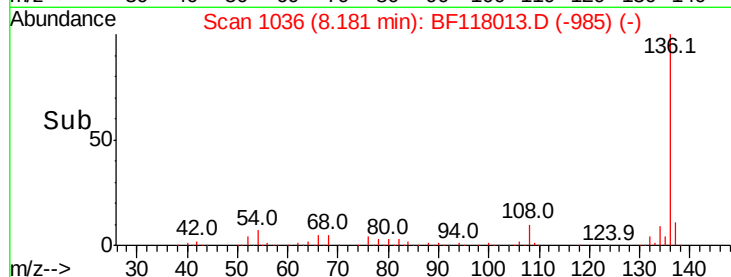
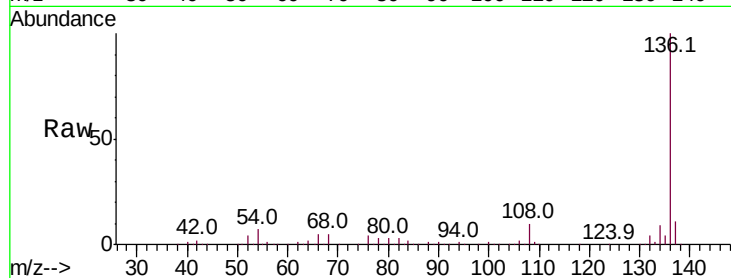




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

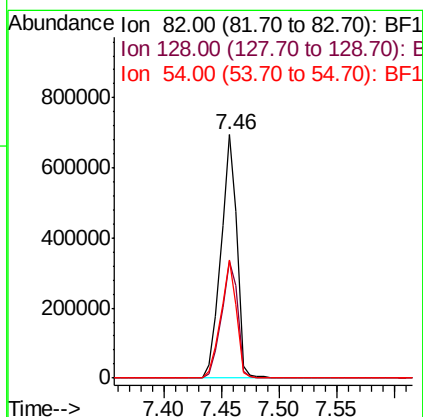
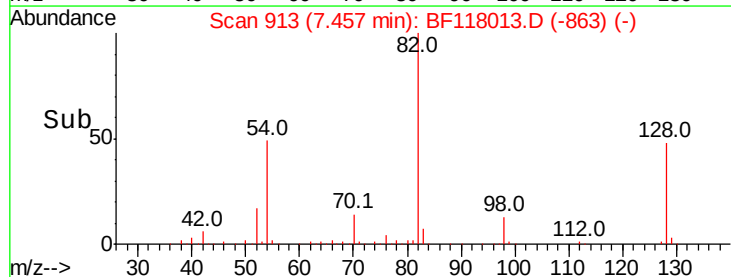
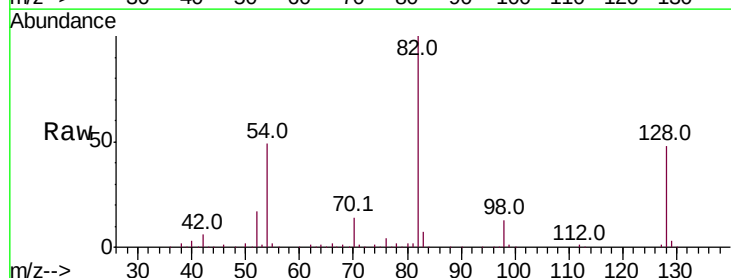
Instrument :
BNA_F
ClientSampleId :
WS-112019-COMP-BD

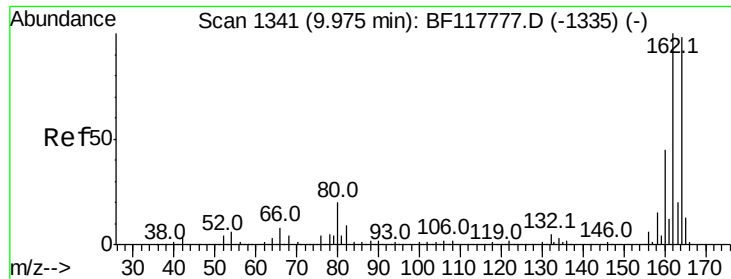
Tot Ion:	136	Resp:	495304
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.4	8.2
68	5.0	4.3	6.5



#23
Nitrobenzene-d5
Concen: 79.856 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion:	82	Resp:	665360
Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.9	58.3
54	48.7	39.8	59.6

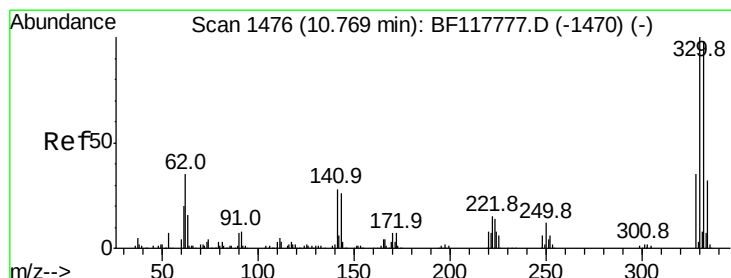
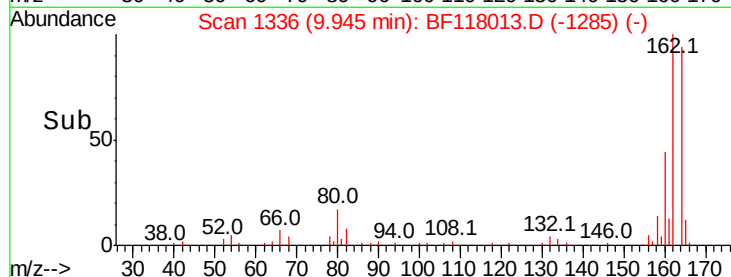
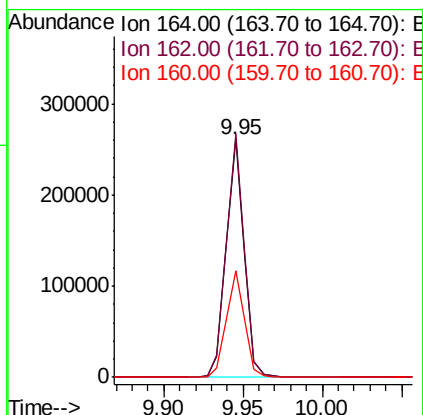
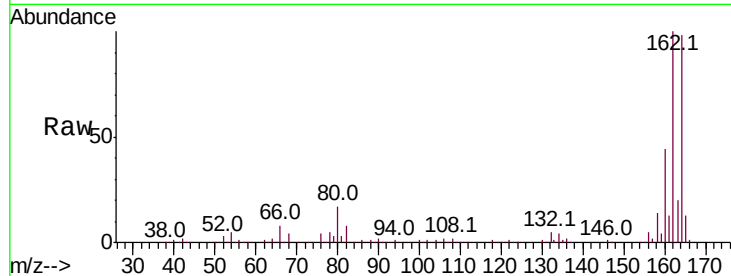




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

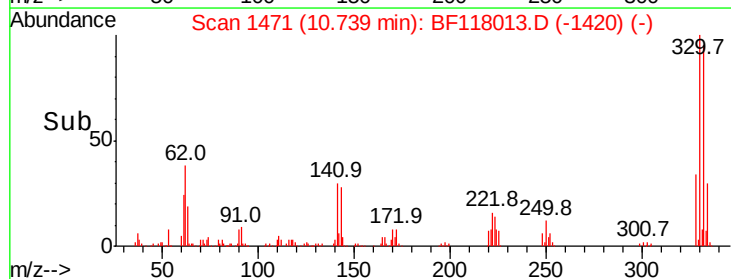
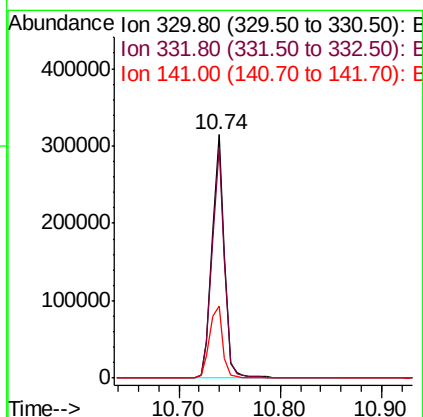
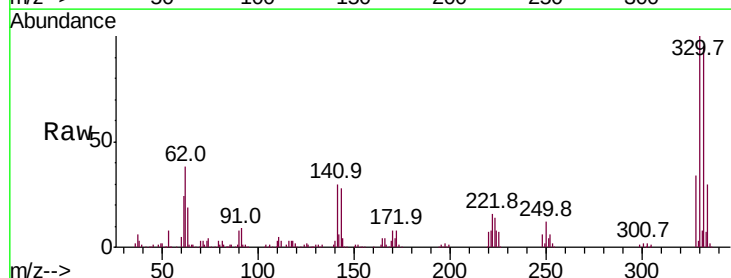
Instrument :
BNA_F
ClientSampleId :
WS-112019-COMP-BD

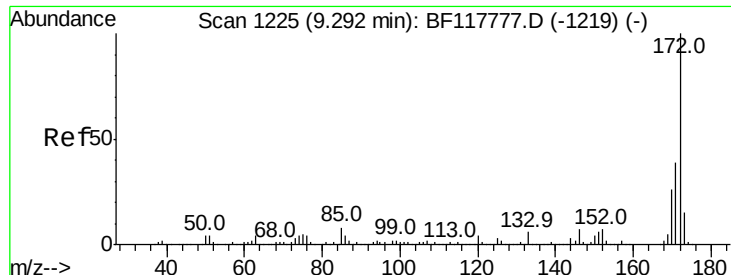
Tot Ion:164 Resp: 204130
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.6 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 124.069 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion:330 Resp: 268125
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 31.8 27.7 41.5



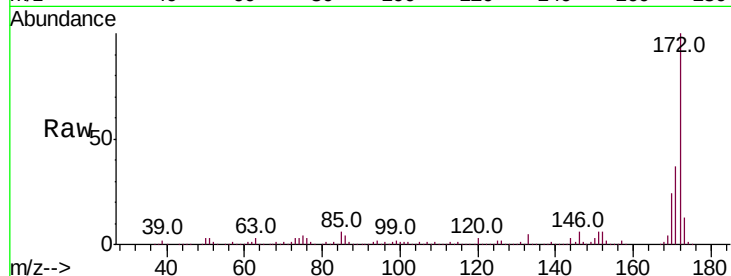


#45
 2-Fluorobiphenyl
 Concen: 99.894 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

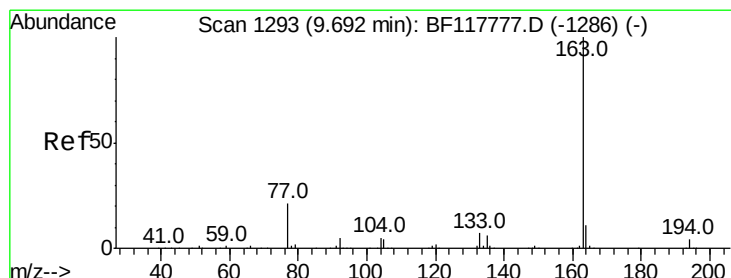
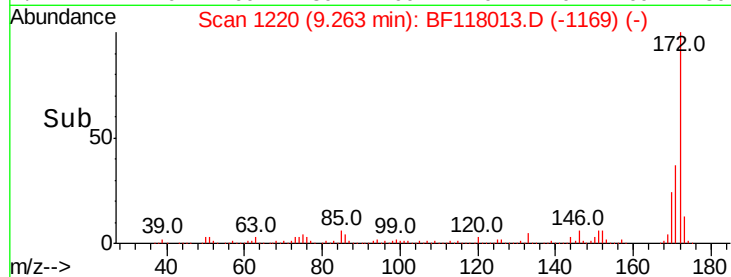
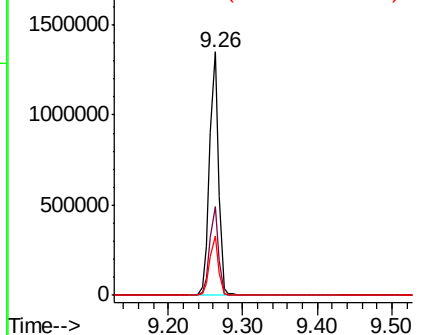
Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-COMP-BD

Tot Ion:172 Resp: 1136621

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.3	21.0	31.4



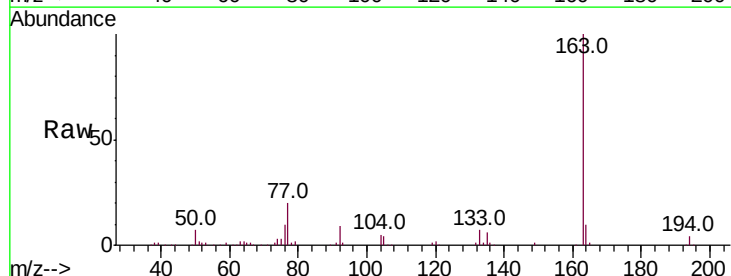
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



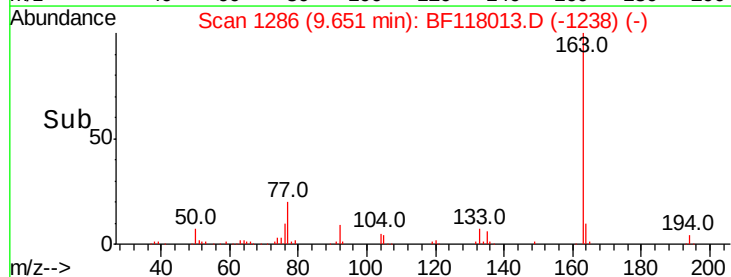
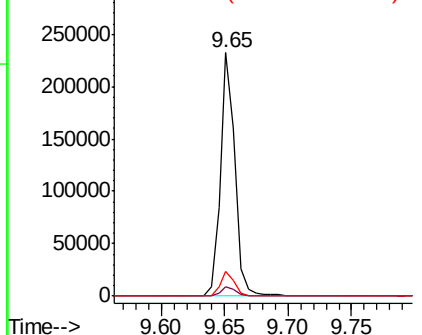
#50
 Dimethylphthalate
 Concen: 13.078 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

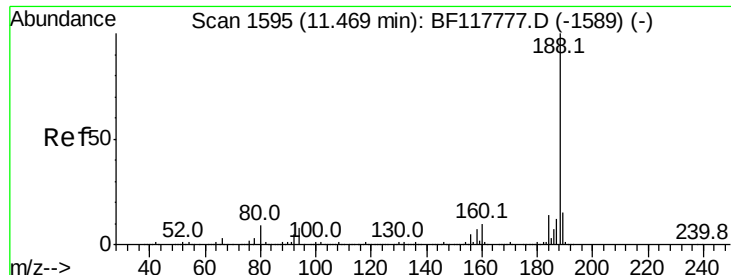
Tgt Ion:163 Resp: 187207

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	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

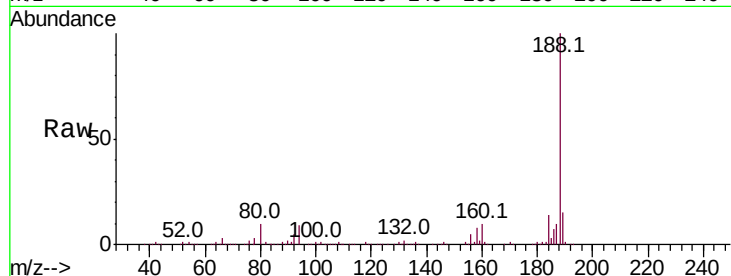




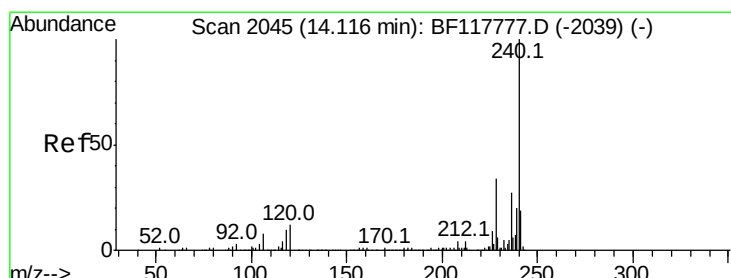
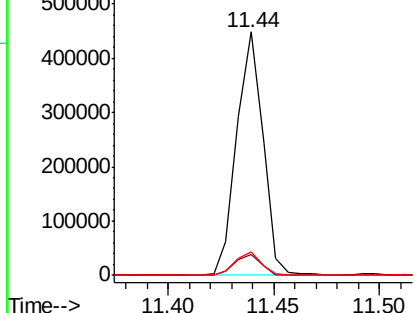
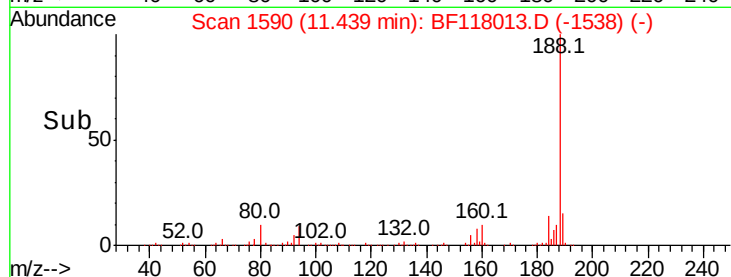
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Instrument :
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WS-112019-COMP-BD

Tot Ion:188 Resp: 387205
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.5 7.2 10.8

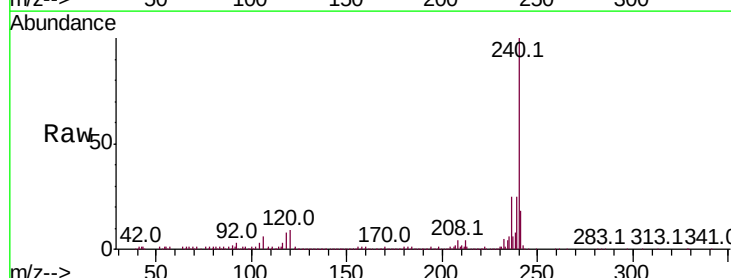


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

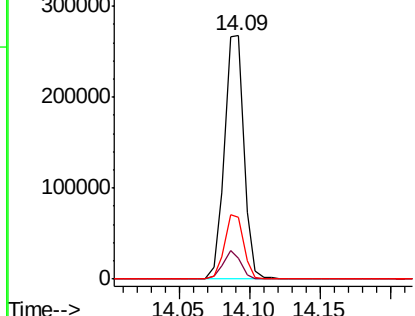
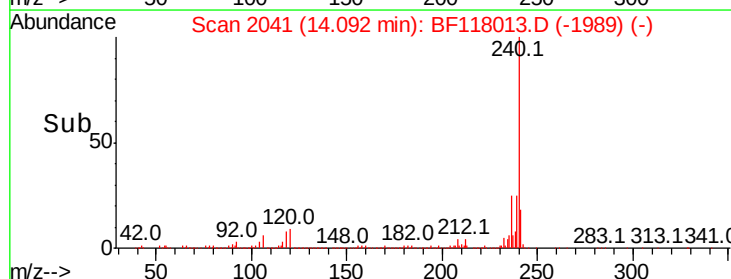


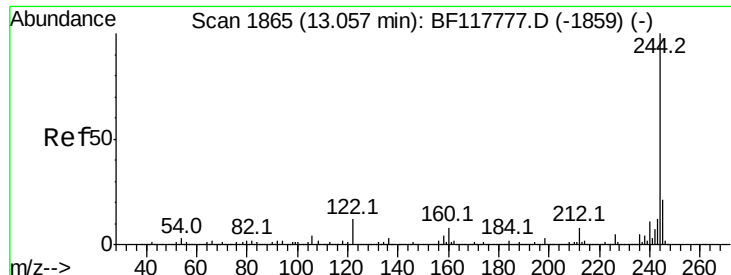
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion:240 Resp: 258030
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 25.4 21.3 31.9



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: 77.694 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BF118013.D

Acq: 26 Nov 2019 18:00

Instrument :

BNA_F

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WS-112019-COMP-BD

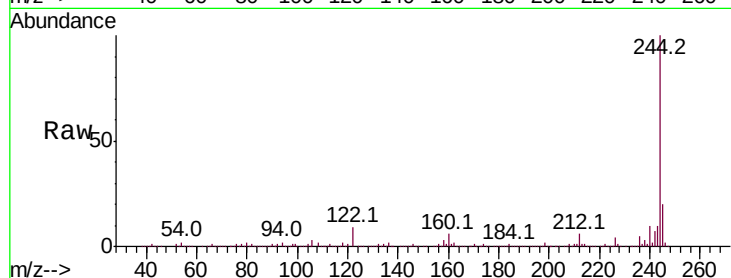
Tot Ion:244 Resp: 1096919

Ion Ratio Lower Upper

244 100

212 6.2 6.3 9.5#

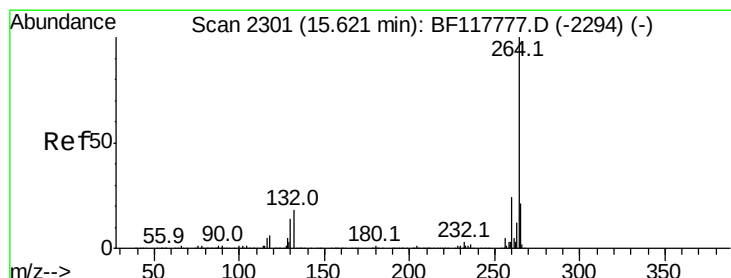
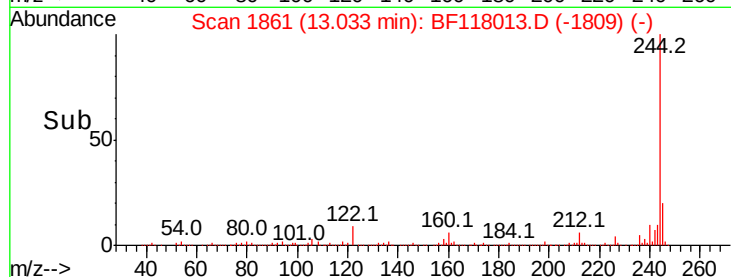
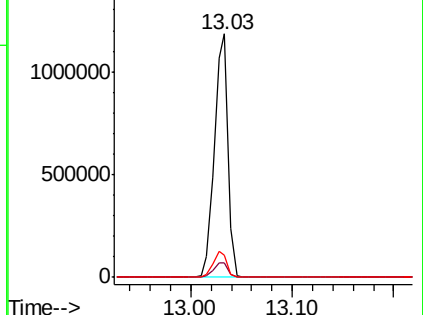
122 9.0 9.4 14.2#



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: 15.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BF118013.D

Acq: 26 Nov 2019 18:00

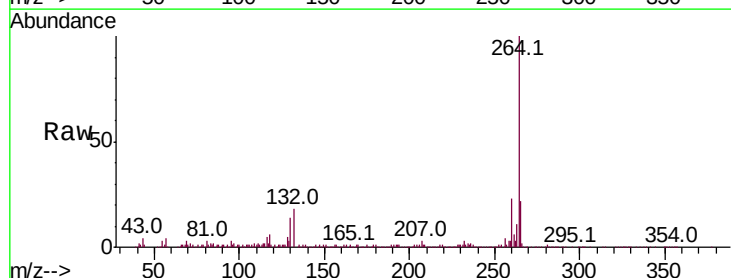
Tgt Ion:264 Resp: 239567

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.7 17.1 25.7



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

