

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117706.D
 Acq On : 7 Nov 2019 15:59
 Operator : JU
 Sample : K5710-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP- 31-S

Quant Time: Nov 08 02:12:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

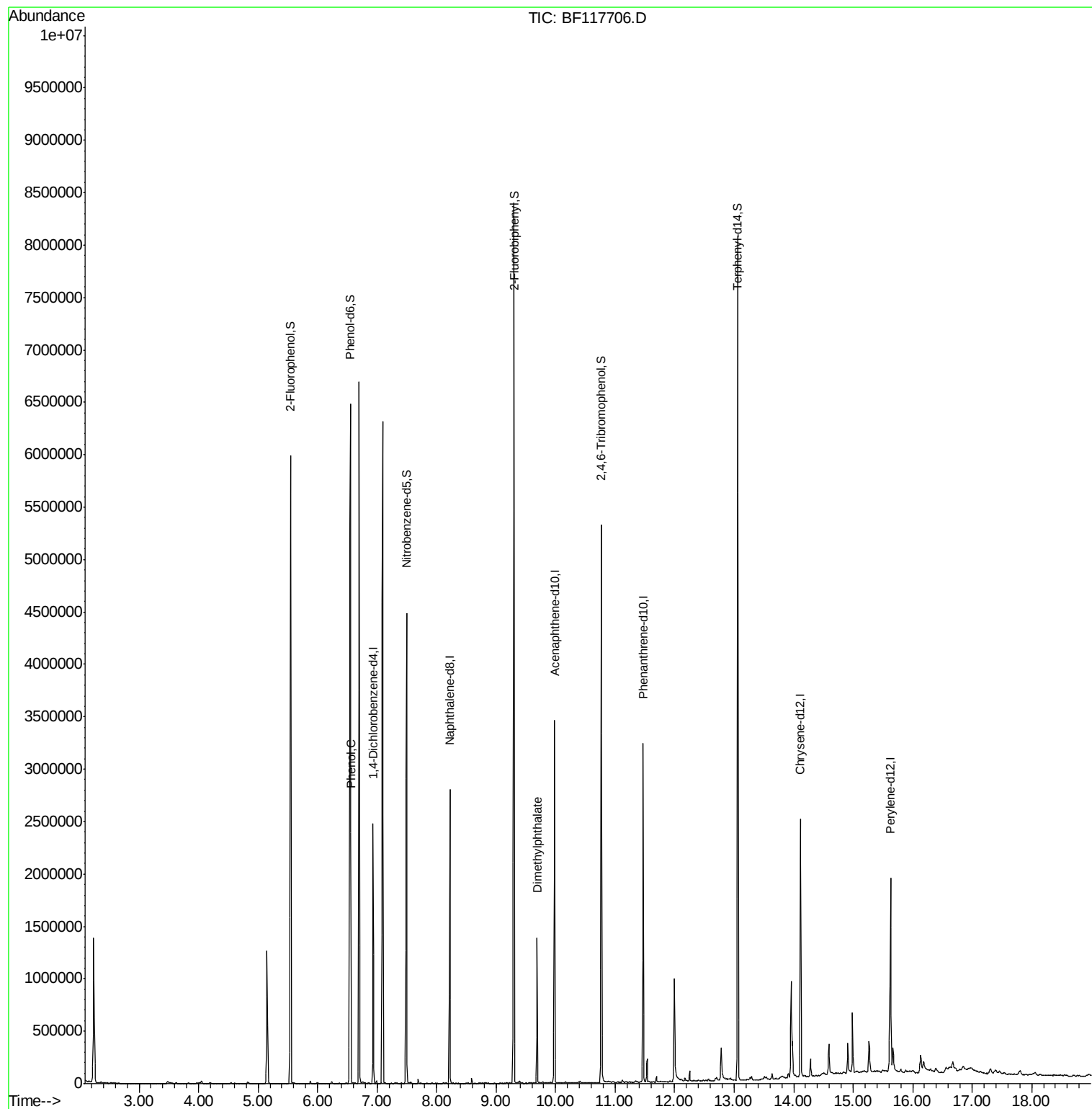
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	319835	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1230372	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	653998	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1205057	20.00	ng	0.00
76) Chrysene-d12	14.12	240	764141	20.00	ng	-0.01
87) Perylene-d12	15.63	264	856965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1841792	104.24	ng	0.00
7) Phenol-d6	6.55	99	2307026	105.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	1407882	67.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	634752	99.22	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2548730	76.89	ng	0.00
79) Terphenyl-d14	13.06	244	2737146	73.74	ng	0.00
Target Compounds						
10) Phenol	6.56	94	85131	3.626	ng	93
50) Dimethylphthalate	9.69	163	536654	12.138	ng	99

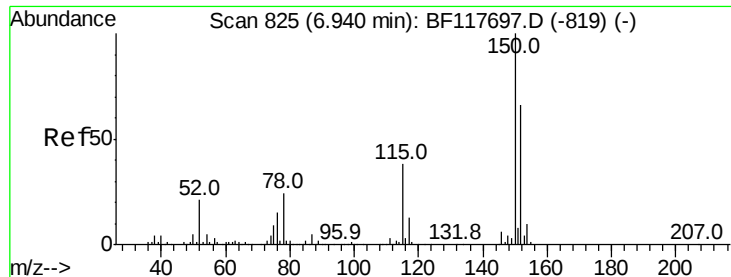
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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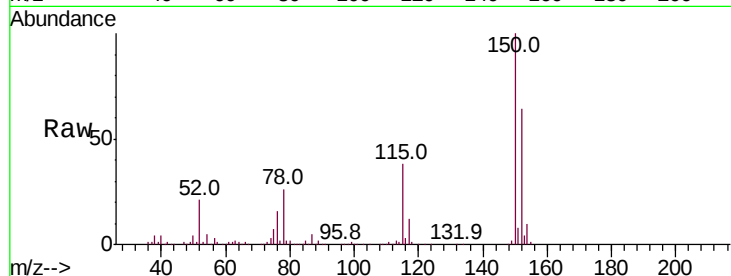


#1

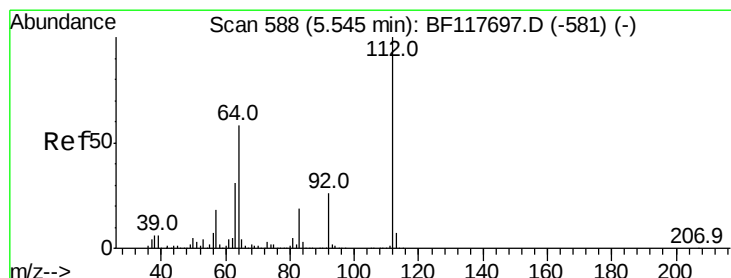
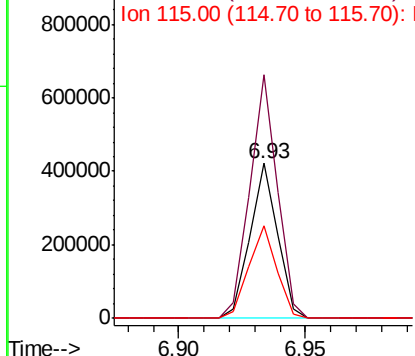
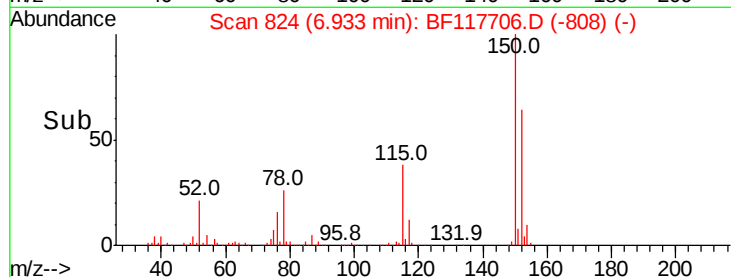
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Instrument :
BNA_F
ClientSampleId :
TP- 31-S

Tot Ion:152 Resp: 319835
Ion Ratio Lower Upper
152 100
150 157.0 121.4 182.2
115 59.5 46.7 70.1



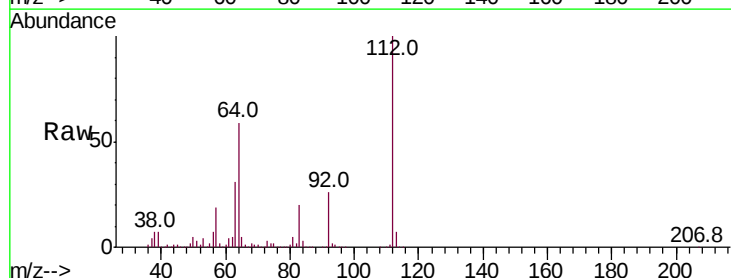
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



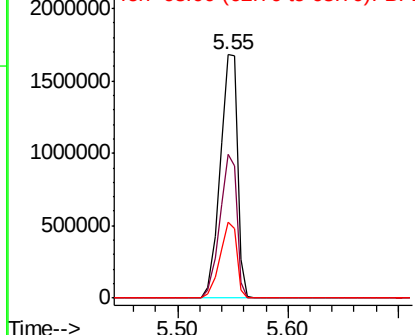
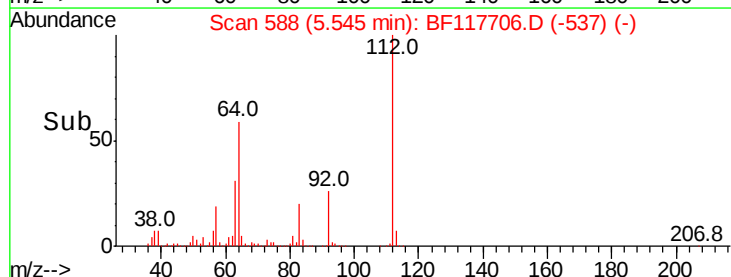
#5

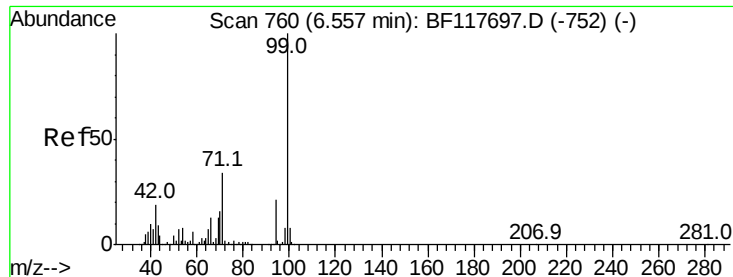
2-Fluorophenol
Concen: 104.239 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion:112 Resp: 1841792
Ion Ratio Lower Upper
112 100
64 59.1 46.4 69.6
63 31.4 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: 105.893 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Instrument :

BNA_F

ClientSampleId :

TP- 31-S

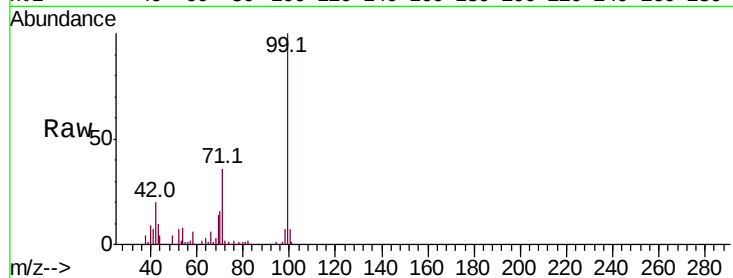
Tot Ion: 99 Resp: 2307026

Ion Ratio Lower Upper

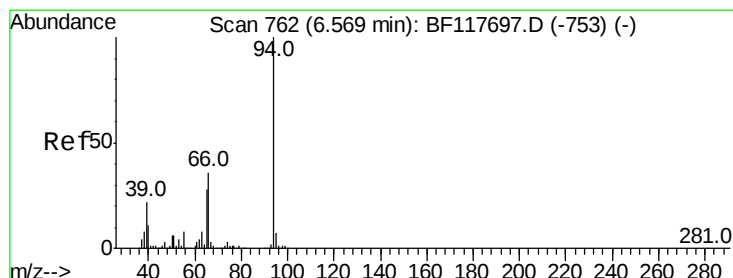
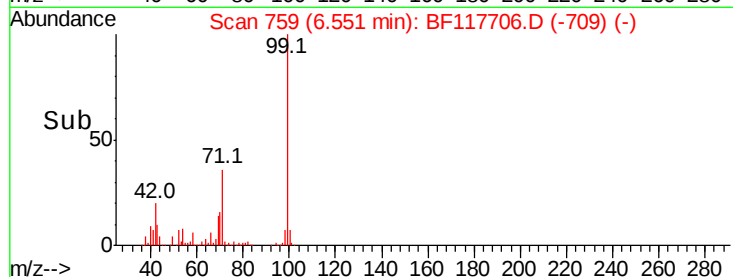
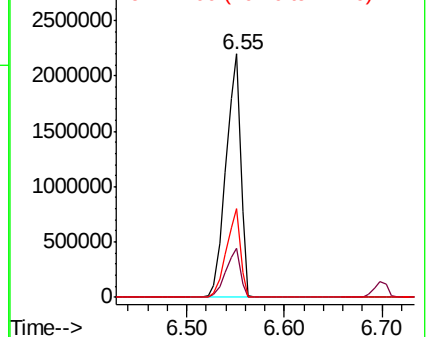
99 100

42 20.2 15.3 22.9

71 36.2 26.8 40.2



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: 3.626 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

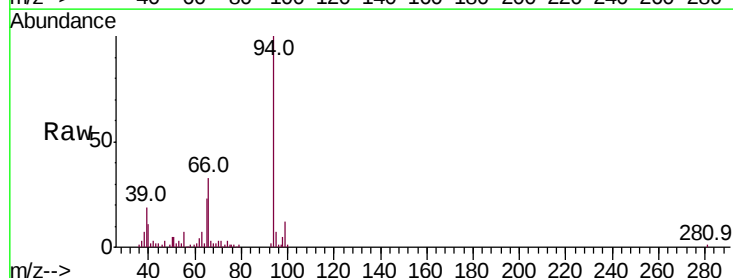
Tgt Ion: 94 Resp: 85131

Ion Ratio Lower Upper

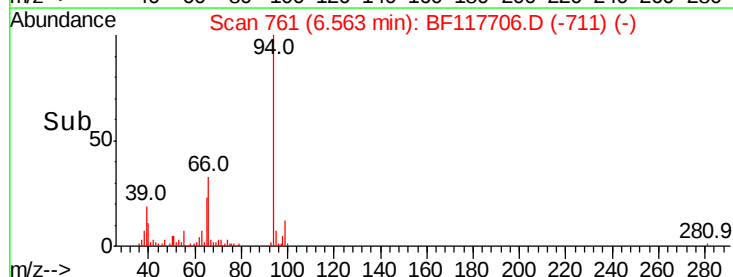
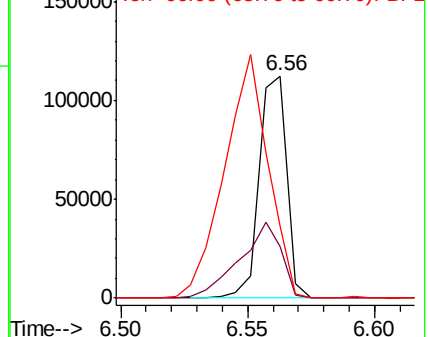
94 100

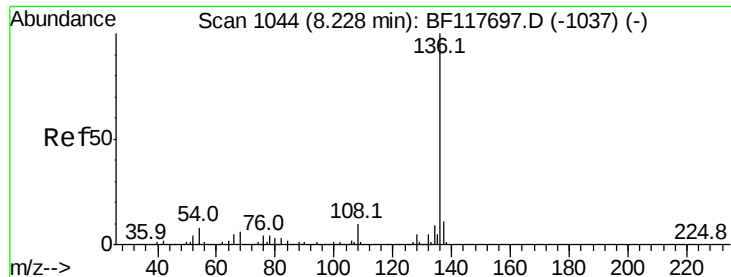
65 23.0 7.6 47.6

66 32.6 16.1 56.1



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



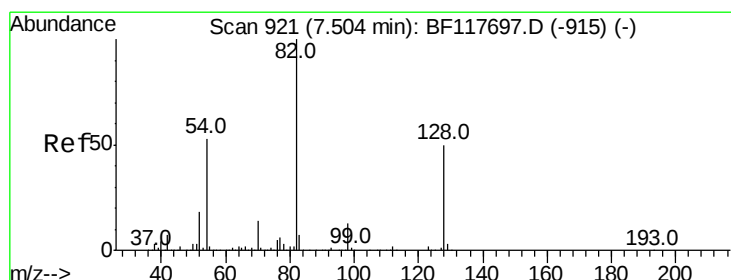
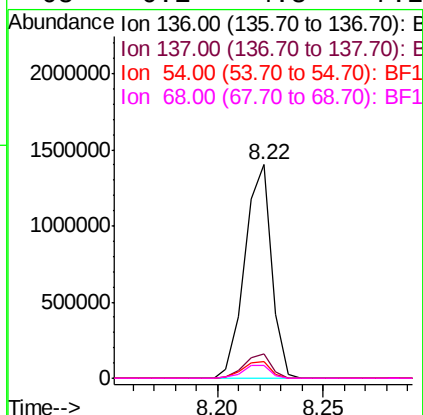
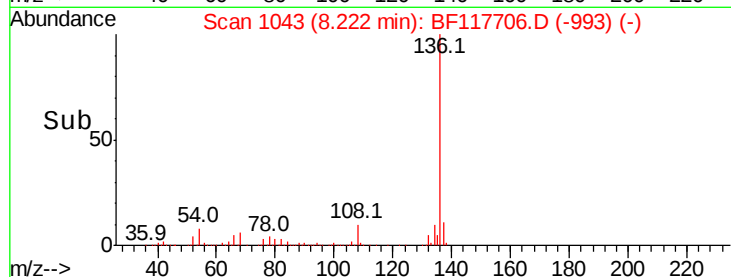
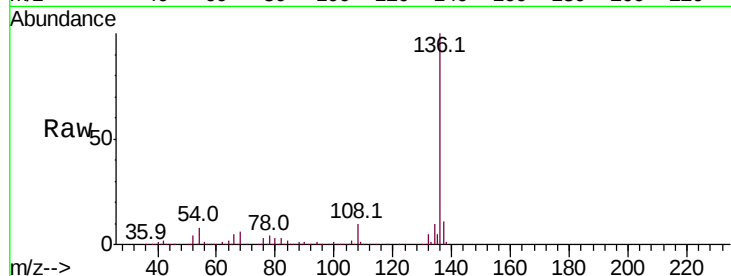


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Instrument :
BNA_F
ClientSampleId :
TP- 31-S

Tot Ion:136 Resp: 1230372

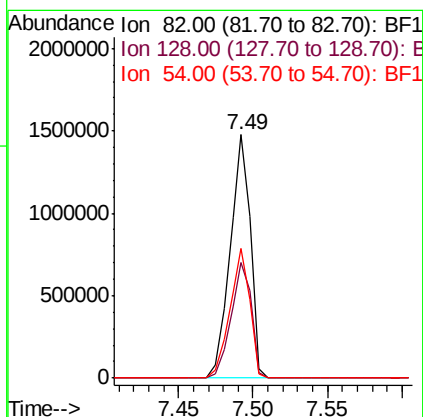
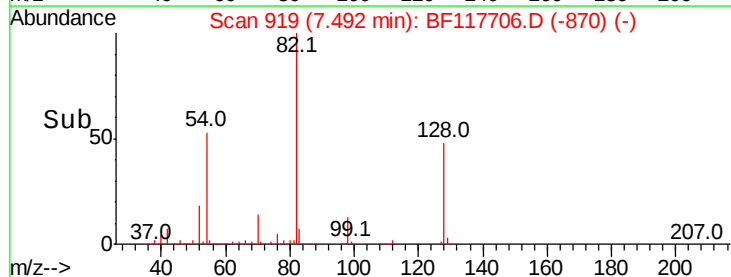
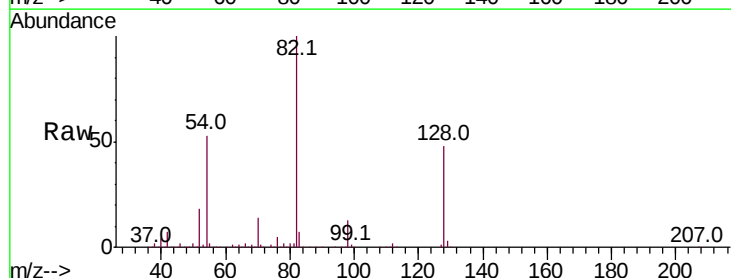
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	6.0	9.0
68	6.1	4.8	7.2

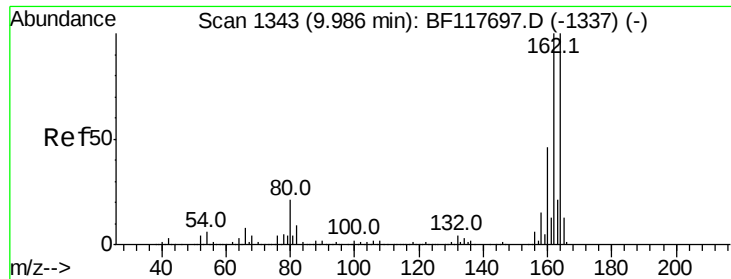


#23
Nitrobenzene-d5
Concen: 67.557 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion: 82 Resp: 1407882

Ion	Ratio	Lower	Upper
82	100		
128	47.7	40.2	60.2
54	53.4	42.0	63.0

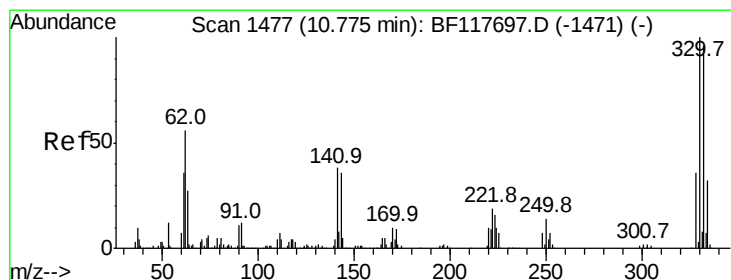
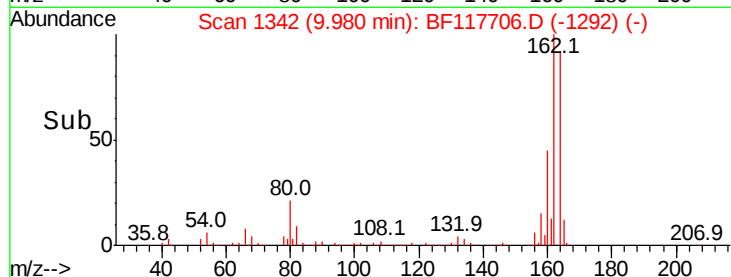
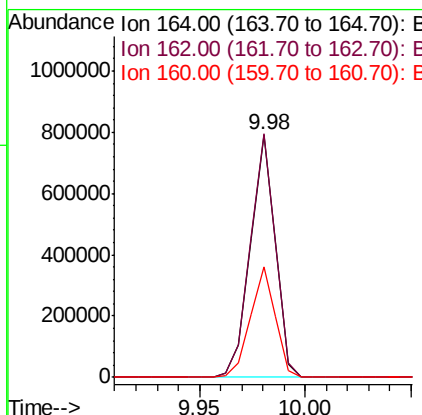
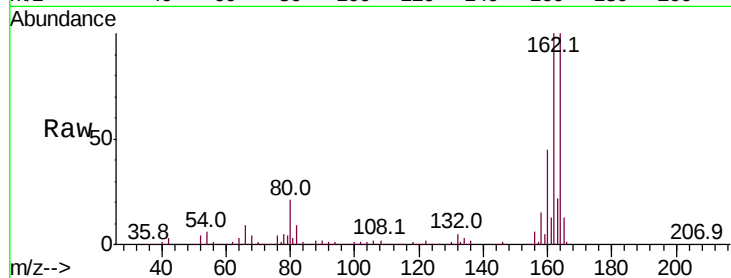




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

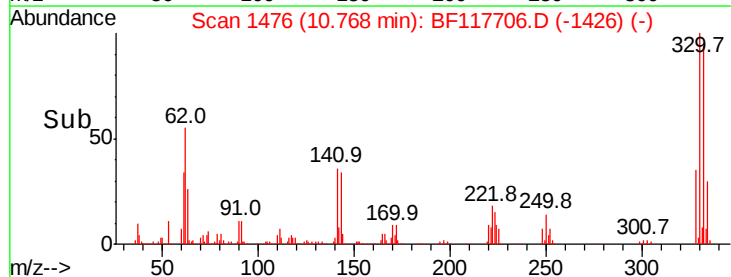
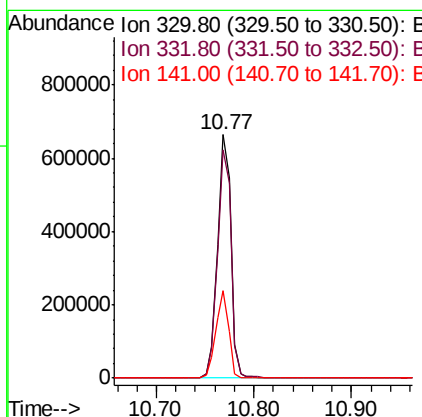
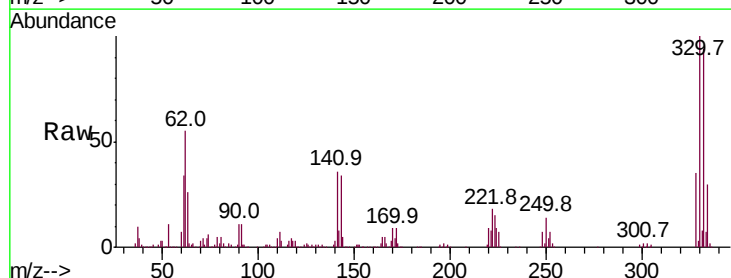
Instrument :
BNA_F
ClientSampleId :
TP- 31-S

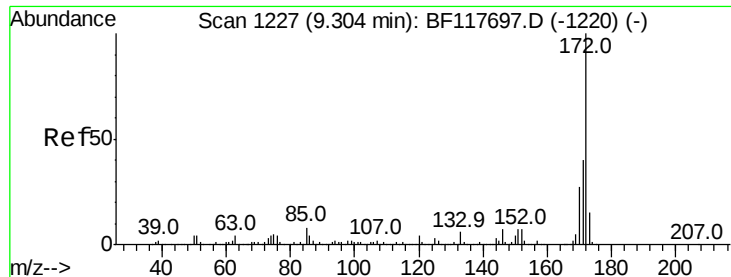
Tot Ion:164 Resp: 653998
Ion Ratio Lower Upper
164 100
162 100.4 79.7 119.5
160 45.4 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 99.217 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion:330 Resp: 634752
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 34.3 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 76.891 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Instrument :

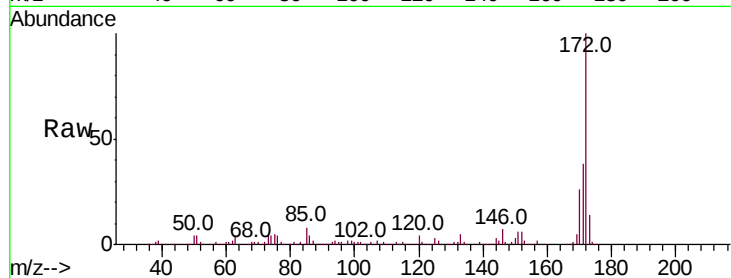
BNA_F

ClientSampleId :

TP- 31-S

Tot Ion:172 Resp: 2548730

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.8
170	26.0	21.6	32.4

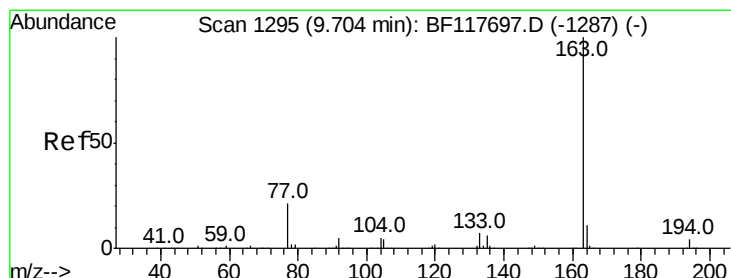
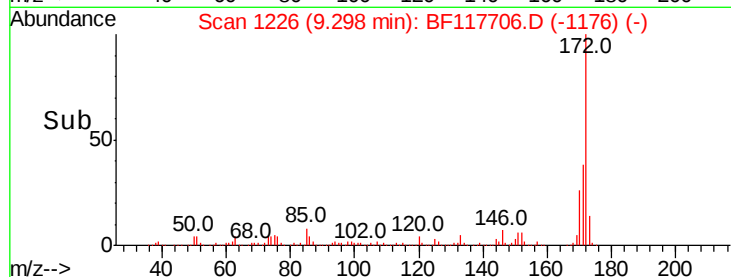
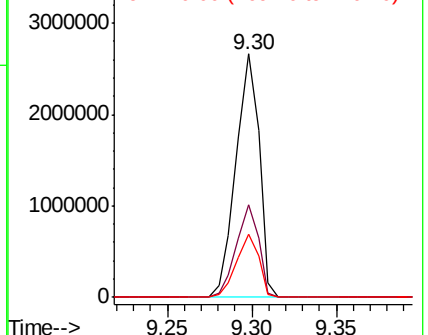


Abundance

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: 12.138 ng

RT: 9.69 min Scan# 1292

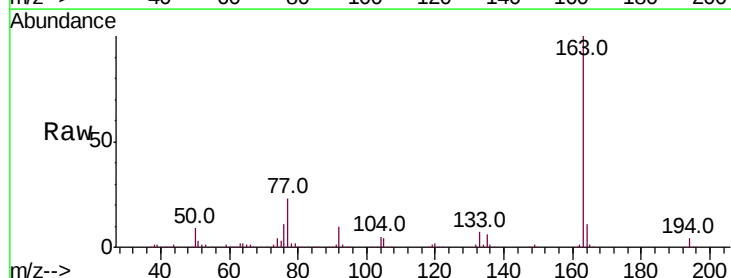
Delta R.T. -0.02 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Tgt Ion:163 Resp: 536654

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.5	8.9	13.3

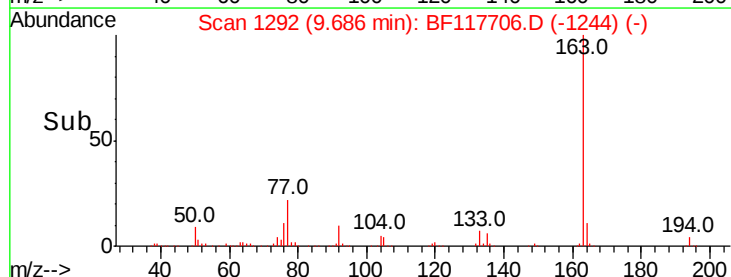
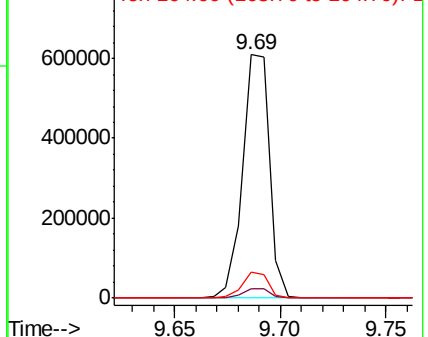


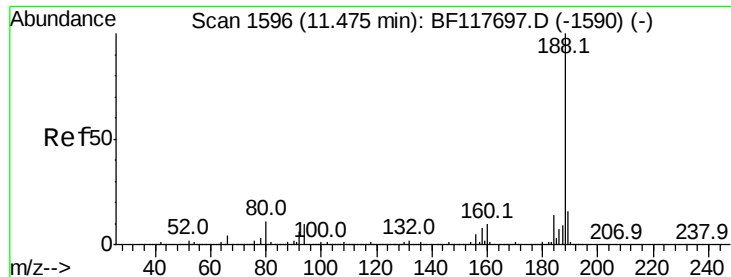
Abundance

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

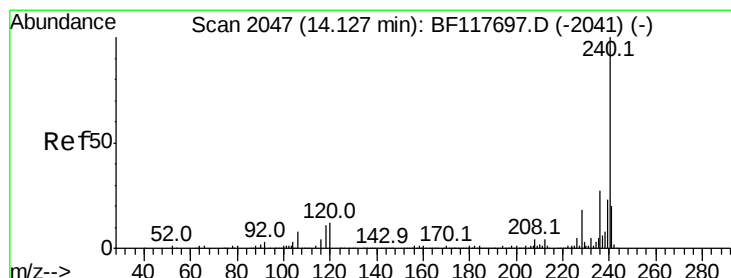
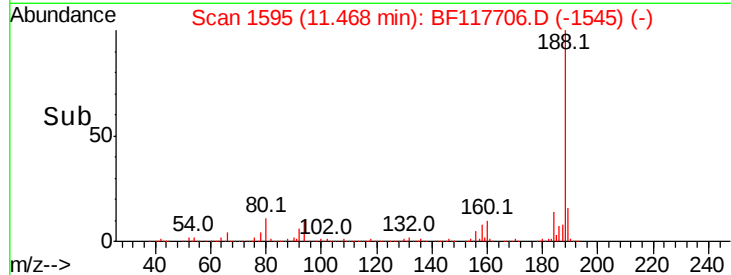
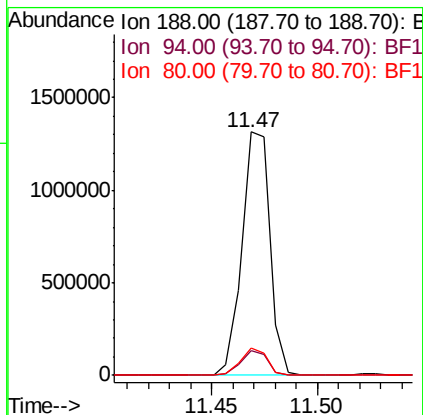
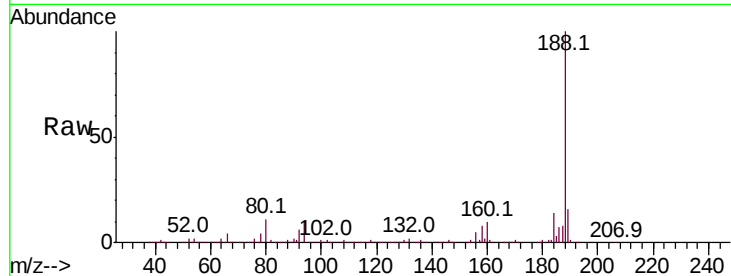




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

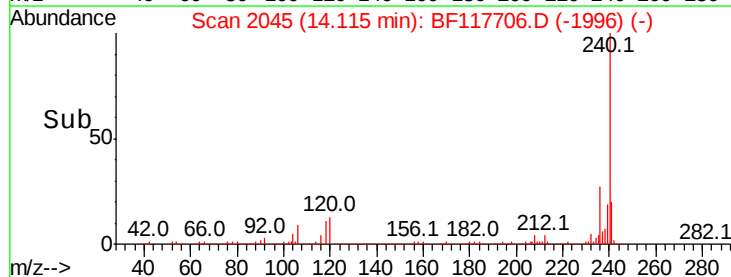
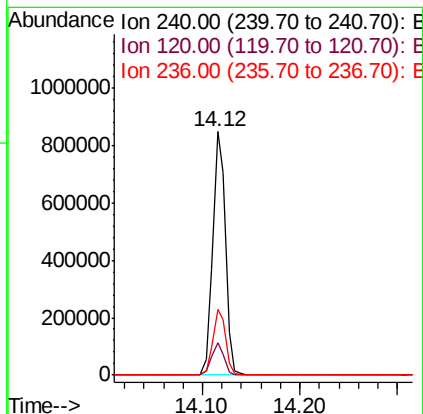
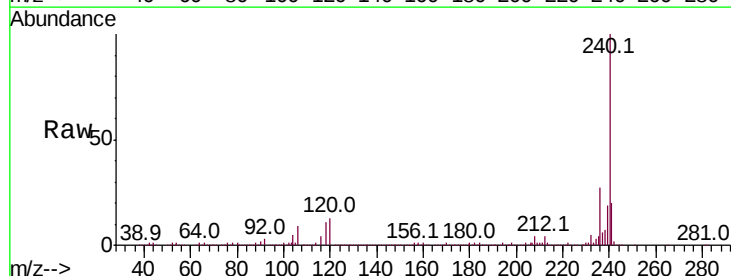
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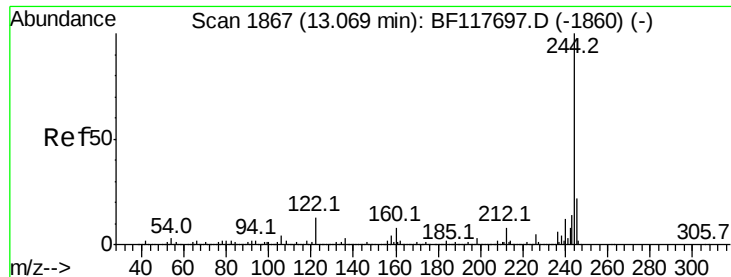
Tot Ion:188 Resp: 1205057
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion:240 Resp: 764141
Ion Ratio Lower Upper
240 100
120 13.3 9.7 14.5
236 27.0 21.9 32.9





#79

Terphenyl-d14

Concen: 73.738 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Instrument :

BNA_F

ClientSampleId :

TP-31-S

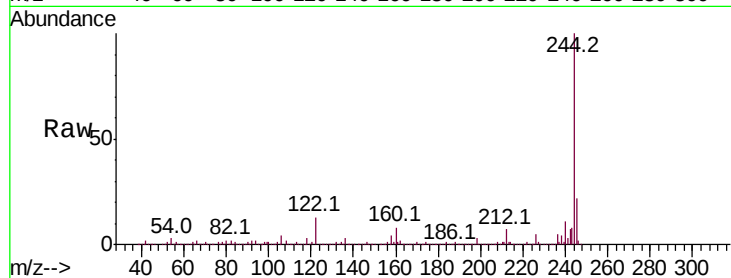
Tot Ion:244 Resp: 2737146

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

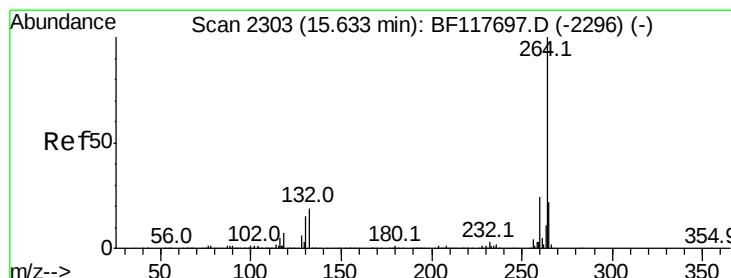
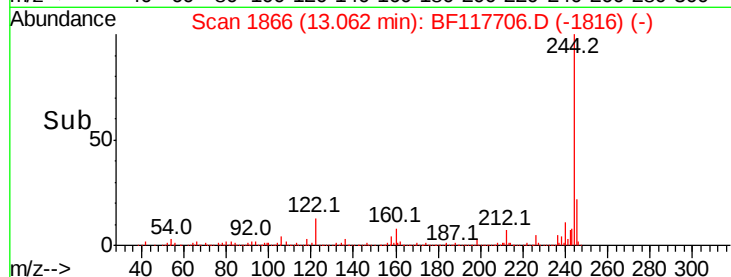
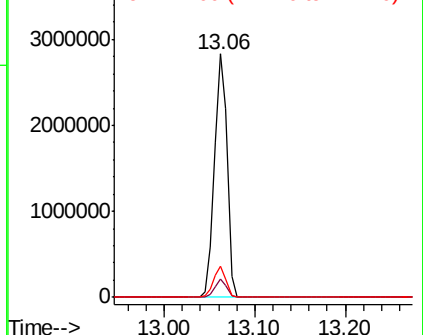
122 12.7 10.0 15.0



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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

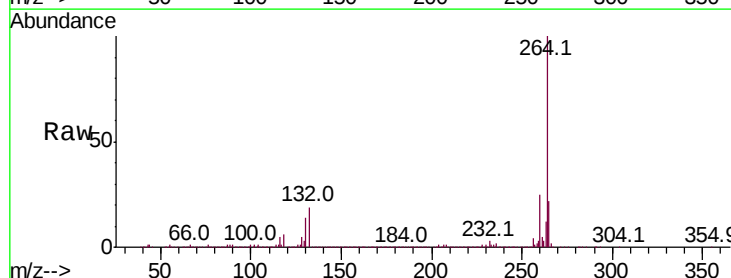
Tgt Ion:264 Resp: 856965

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.9 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

