

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121798.D
 Acq On : 2 Oct 2020 17:13
 Operator : JU/CG
 Sample : L3870-16 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-093020

Quant Time: Oct 05 02:16:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

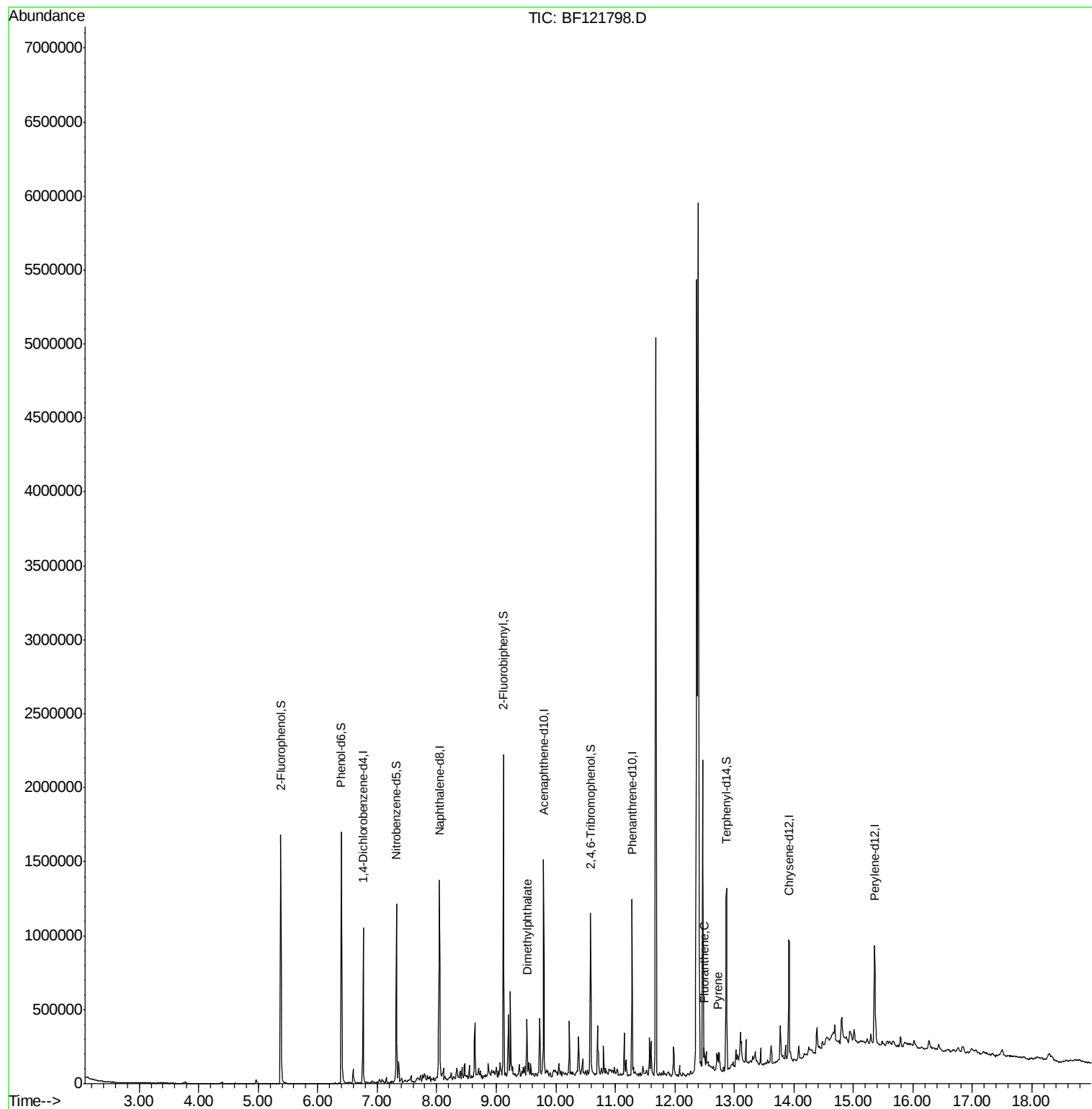
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144779	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	541469	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	254457	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	391308	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	280604	20.00	ng	-0.01
86) Perylene-d12	15.36	264	274443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	450769	46.27	ng	0.00
7) Phenol-d6	6.40	99	573660	44.88	ng	-0.02
23) Nitrobenzene-d5	7.33	82	385687	38.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	128023	40.48	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	621585	37.00	ng	-0.01
79) Terphenyl-d14	12.87	244	392128	28.31	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.52	163	102018	5.532	ng	99
75) Fluoranthene	12.49	202	47944	2.107	ng	100
78) Pyrene	12.72	202	42784	2.087	ng	98

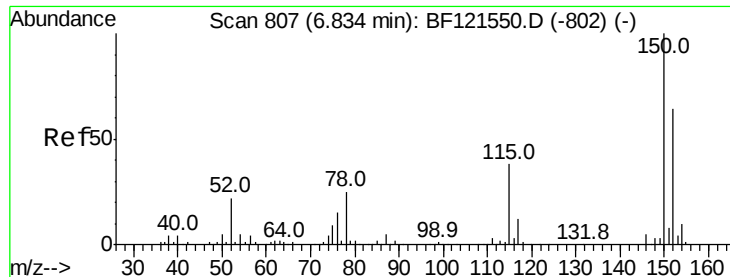
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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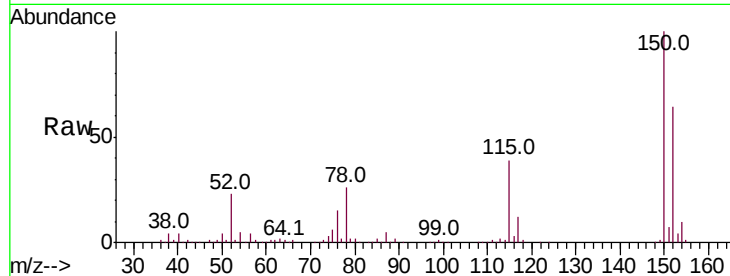


#1

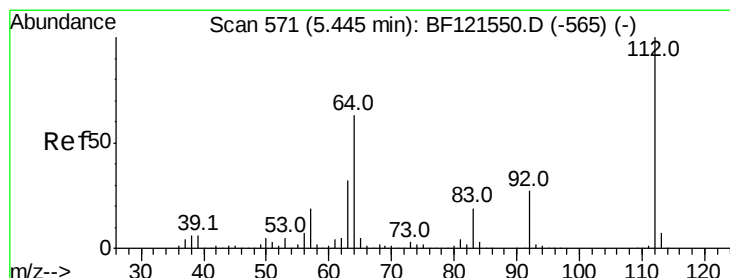
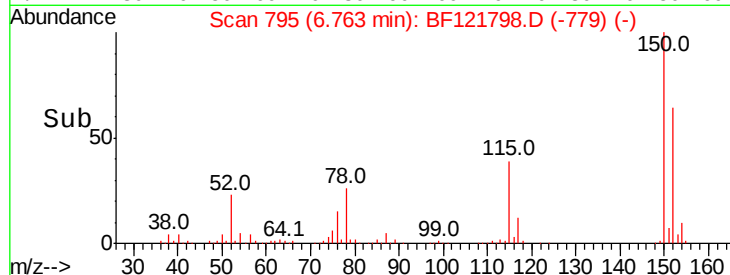
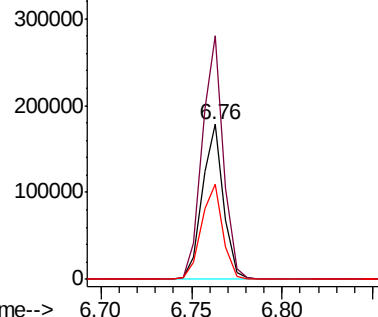
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121798.D
 Acq: 2 Oct 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-093020

Tot Ion:152 Resp: 144779
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 61.3 51.9 77.9



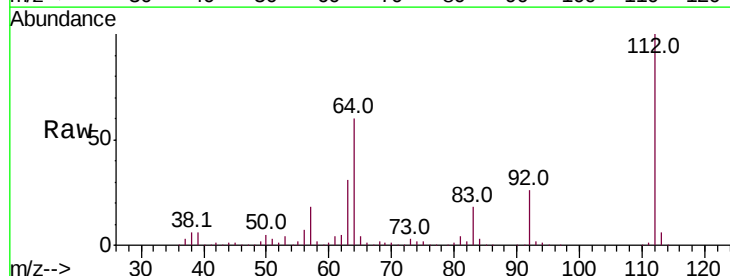
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



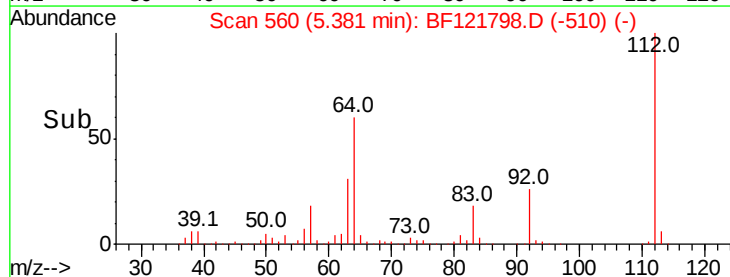
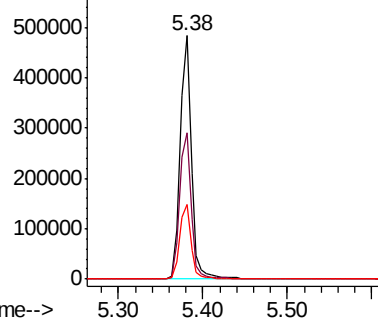
#5

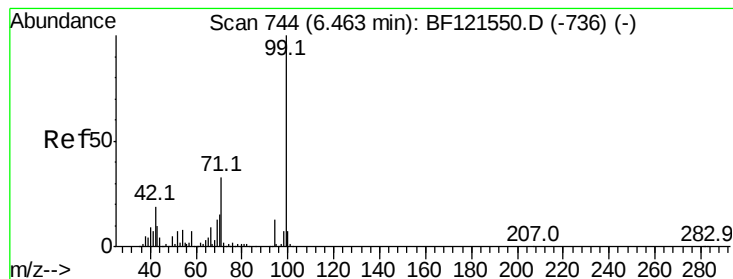
2-Fluorophenol
 Concen: 46.270 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121798.D
 Acq: 2 Oct 2020 17:13

Tgt Ion:112 Resp: 450769
 Ion Ratio Lower Upper
 112 100
 64 60.2 50.4 75.6
 63 30.8 25.8 38.6



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: 44.884 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121798.D

Acq: 2 Oct 2020 17:13

Instrument :

BNA_F

ClientSampleId :

SU-03-093020

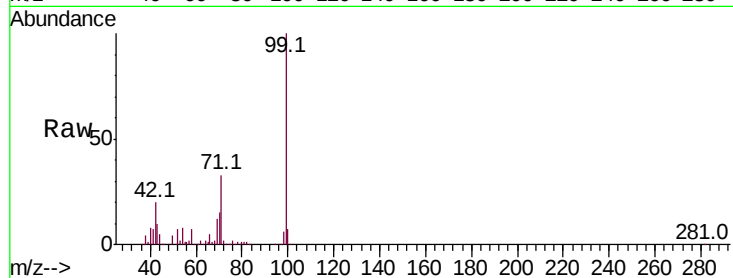
Tot Ion: 99 Resp: 573660

Ion Ratio Lower Upper

99 100

42 19.9 15.9 23.9

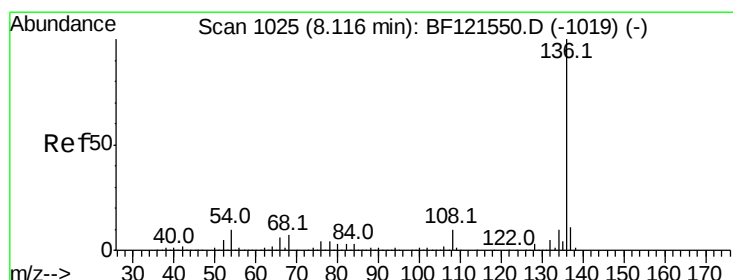
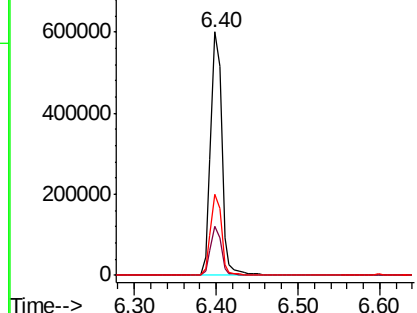
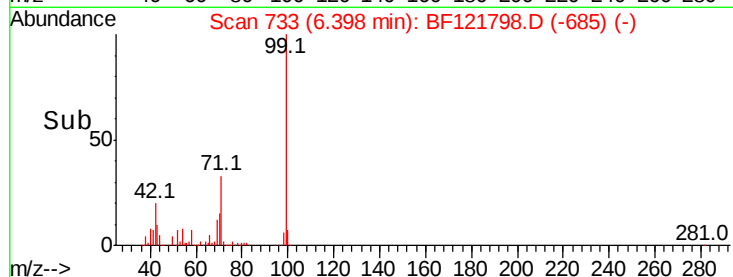
71 33.5 27.1 40.7



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121798.D

Acq: 2 Oct 2020 17:13

Tgt Ion: 136 Resp: 541469

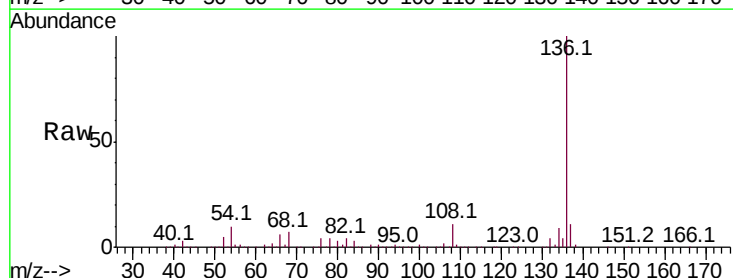
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.5 7.1 10.7

68 7.2 5.0 7.4

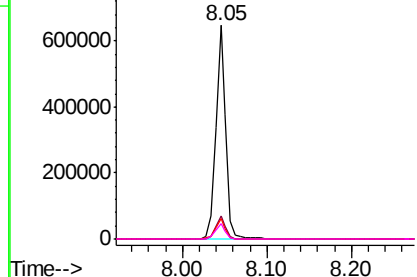
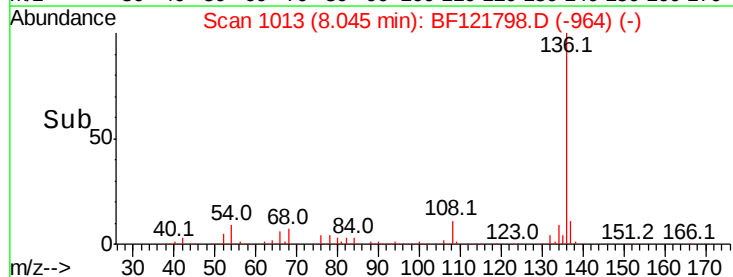


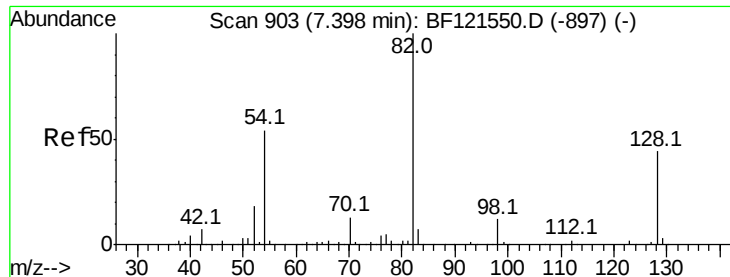
Abundance Ion 136.00 (135.70 to 136.70): E

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

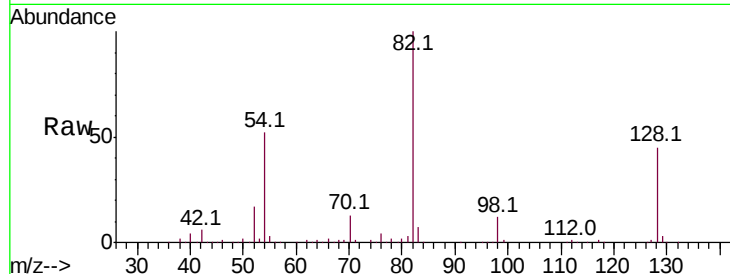




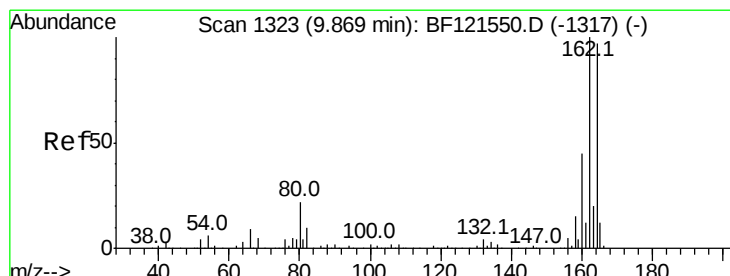
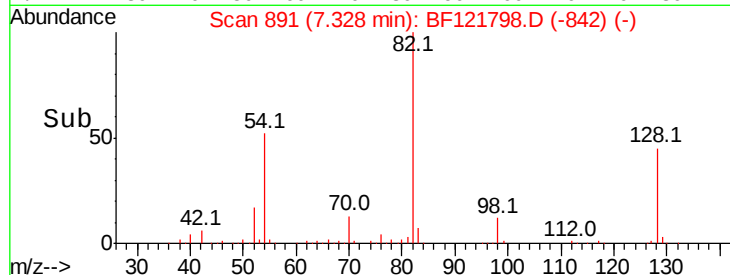
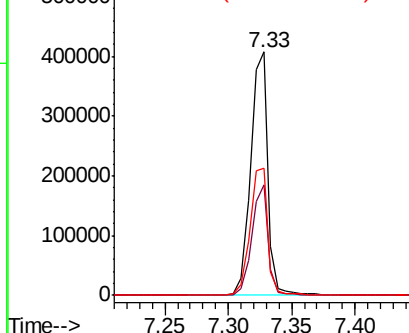
#23
Nitrobenzene-d5
Concen: 38.245 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

Instrument :
BNA_F
ClientSampleId :
SU-03-093020

Tot Ion	82	Resp	385687
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.0	52.4
54	52.0	43.9	65.9

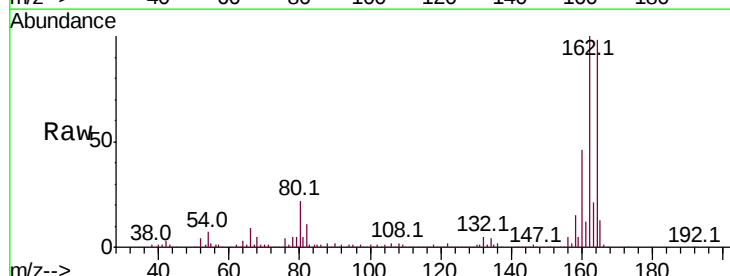


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

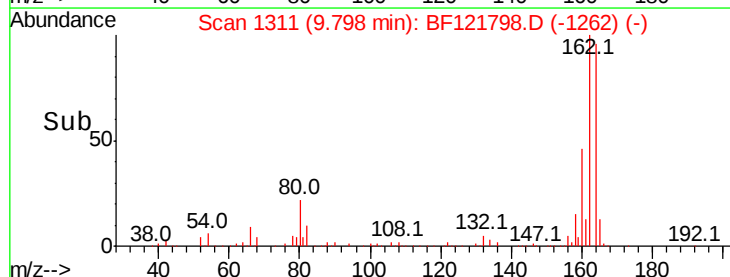
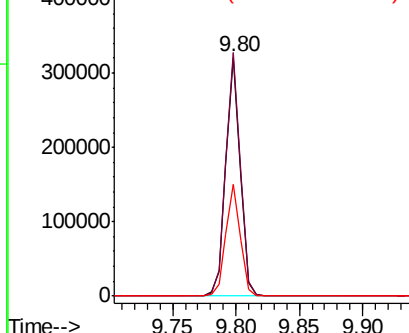


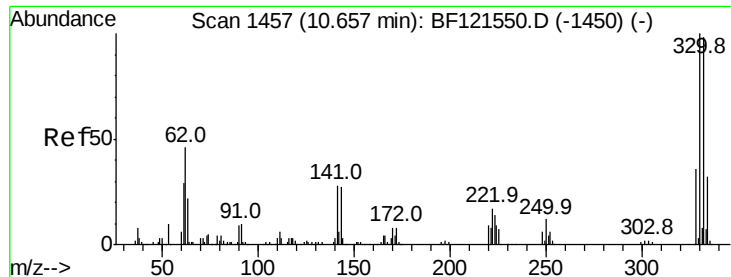
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

Tgt Ion	164	Resp	254457
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.2	124.8
160	46.9	37.5	56.3



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

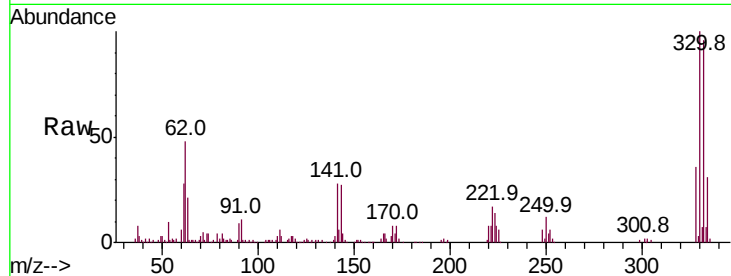




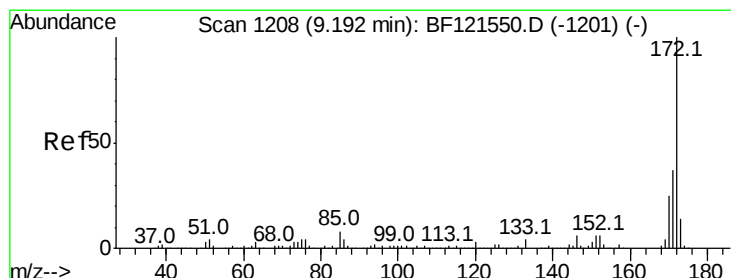
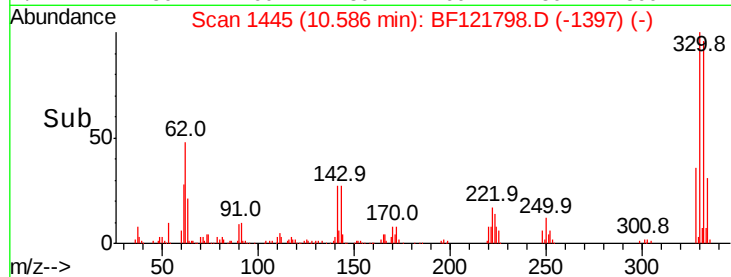
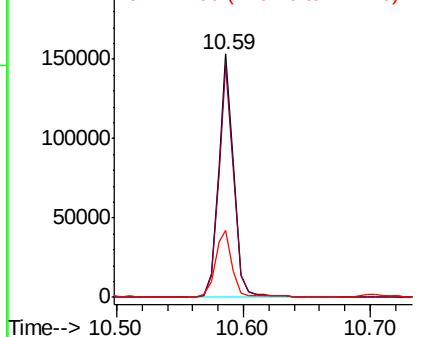
#42
2,4,6-Tribromophenol
Concen: 40.481 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

Instrument :
BNA_F
ClientSampleId :
SU-03-093020

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	30.3	22.3	33.5

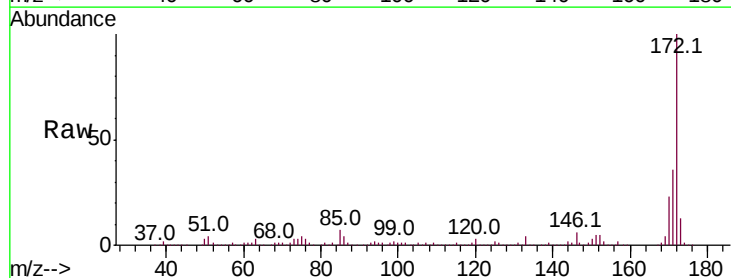


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

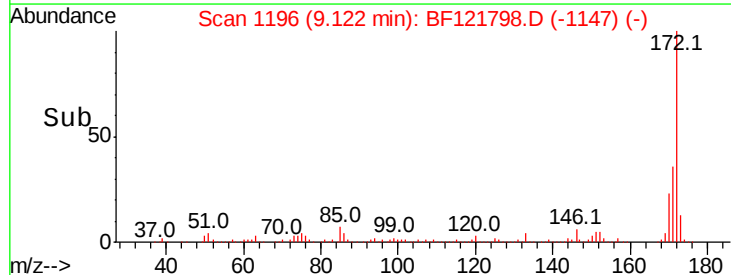
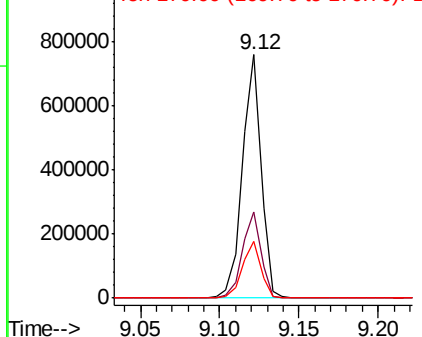


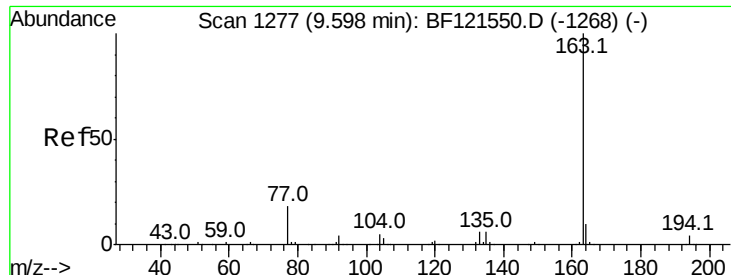
#45
2-Fluorobiphenyl
Concen: 36.997 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	23.4	19.8	29.6



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: 5.532 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121798.D

Acq: 2 Oct 2020 17:13

Instrument :

BNA_F

ClientSampleId :

SU-03-093020

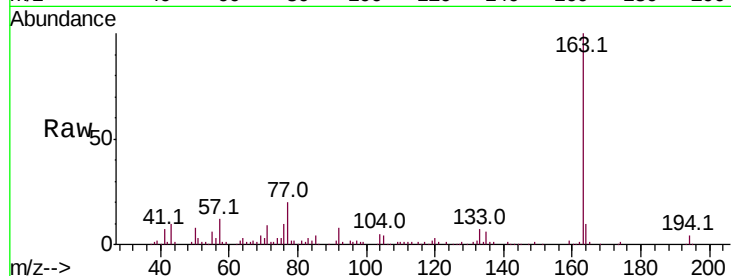
Tot Ion:163 Resp: 102018

Ion Ratio Lower Upper

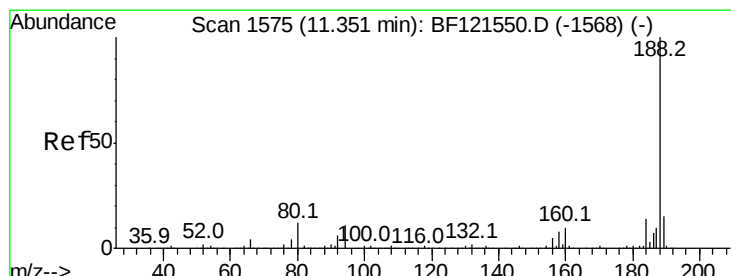
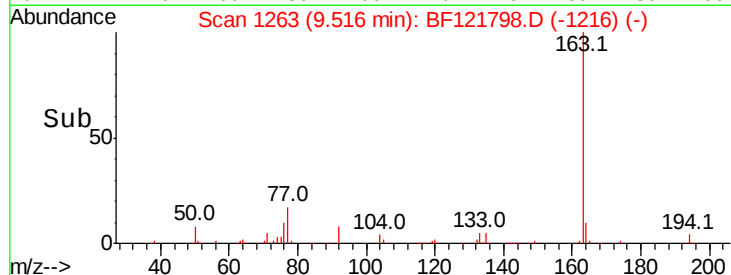
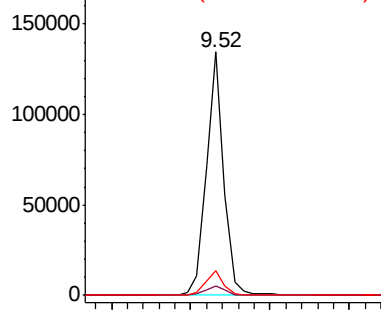
163 100

194 3.9 3.3 4.9

164 10.1 8.2 12.4



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: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121798.D

Acq: 2 Oct 2020 17:13

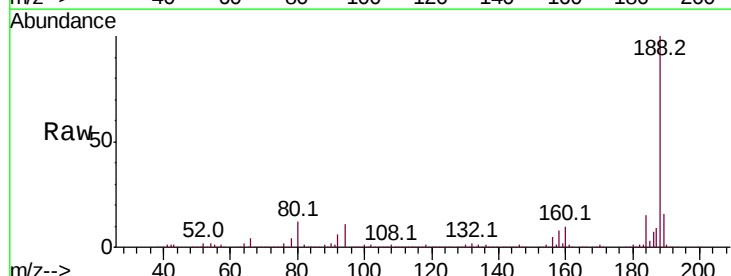
Tgt Ion:188 Resp: 391308

Ion Ratio Lower Upper

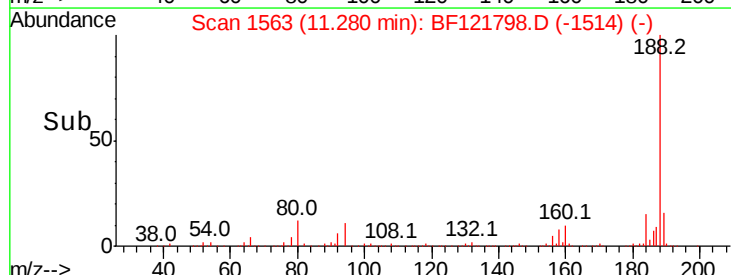
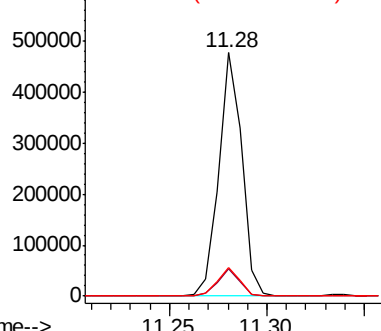
188 100

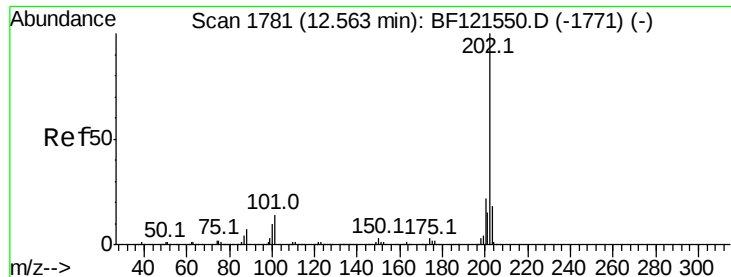
94 11.1 8.3 12.5

80 11.9 9.1 13.7



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

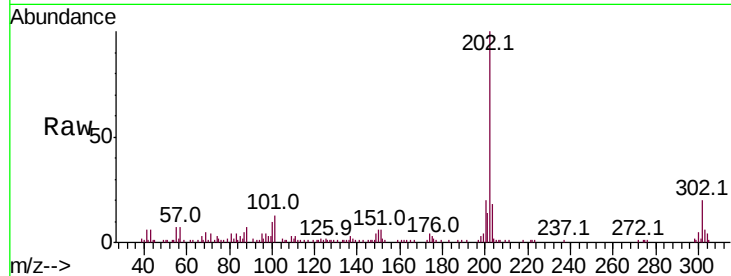




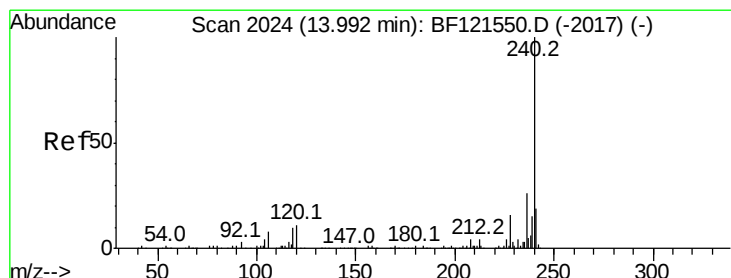
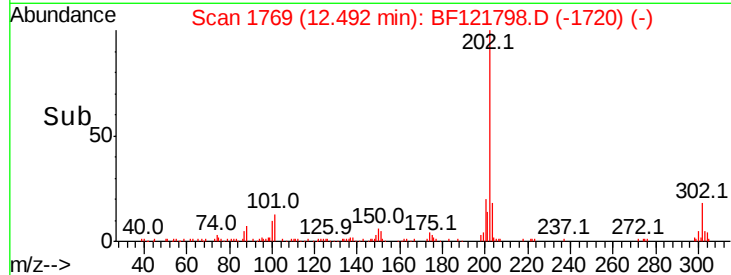
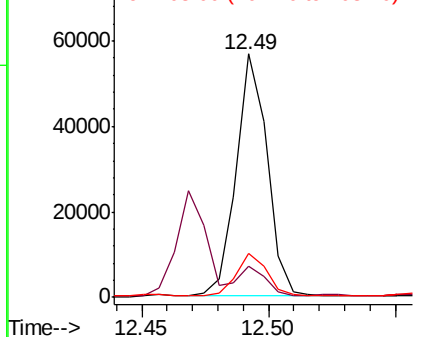
#75
 Fluoranthene
 Concen: 2.107 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF121798.D
 Acq: 2 Oct 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-093020

Tot Ion:	202	Resp:	47944
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.4
203	17.9	0.0	37.9

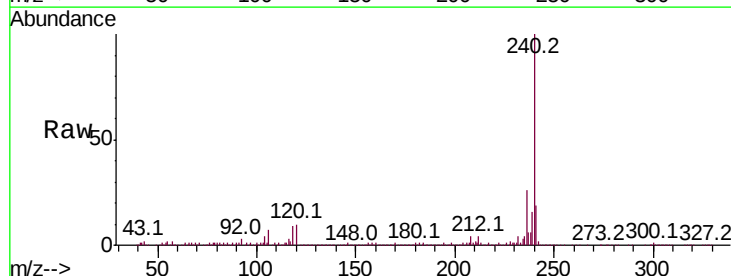


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

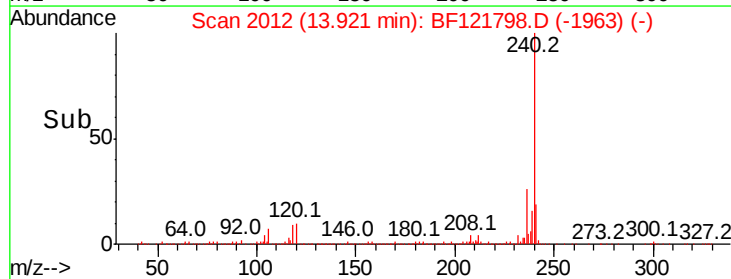
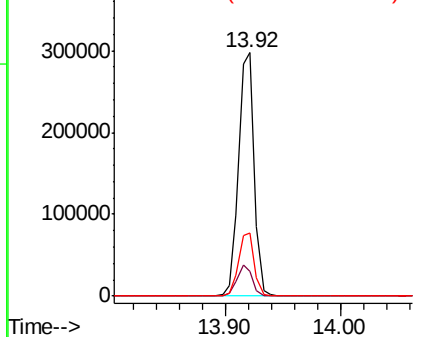


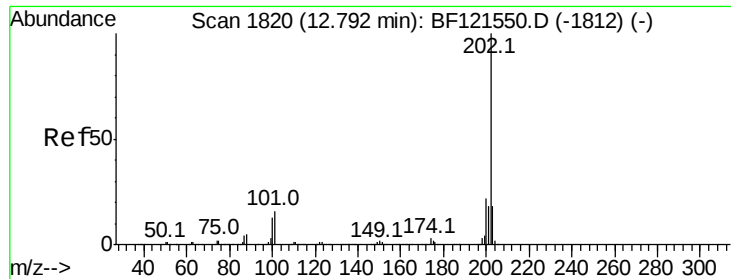
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121798.D
 Acq: 2 Oct 2020 17:13

Tgt Ion:	240	Resp:	280604
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.2	13.8
236	25.9	20.9	31.3



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

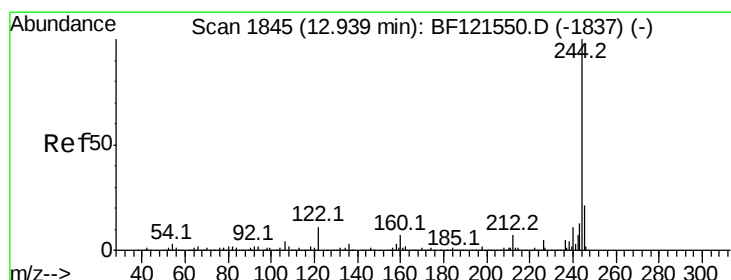
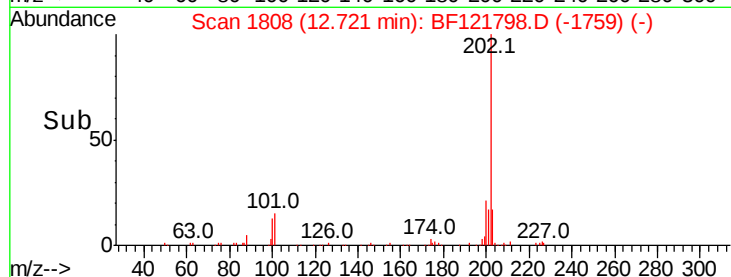
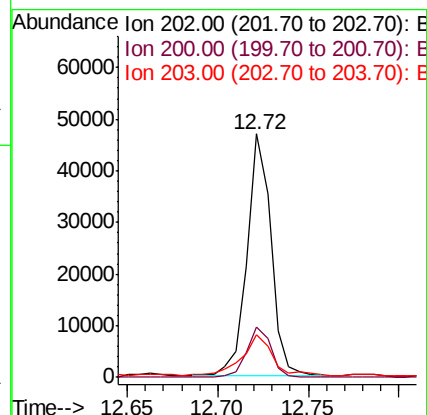
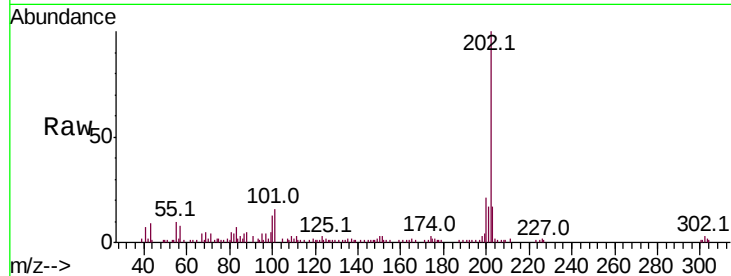




#78
Pvrene
Concen: 2.087 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

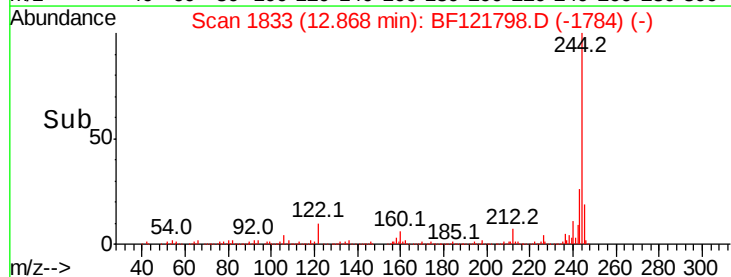
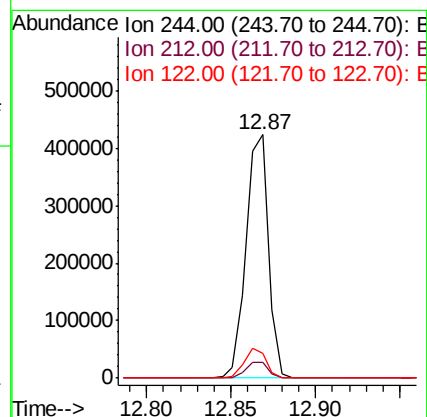
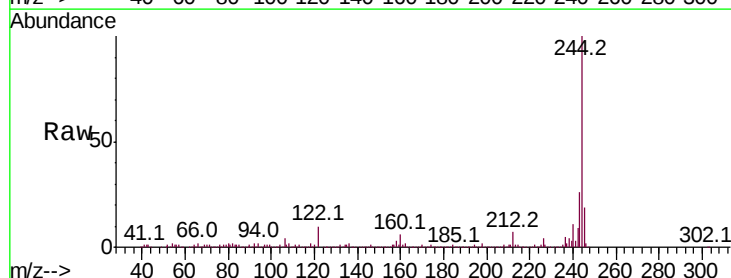
Instrument :
BNA_F
ClientSampleId :
SU-03-093020

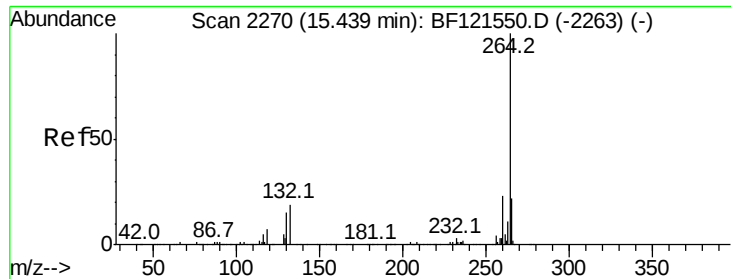
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.5	14.6	21.8



#79
Terphenyl-d14
Concen: 28.311 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.4	8.1	12.1

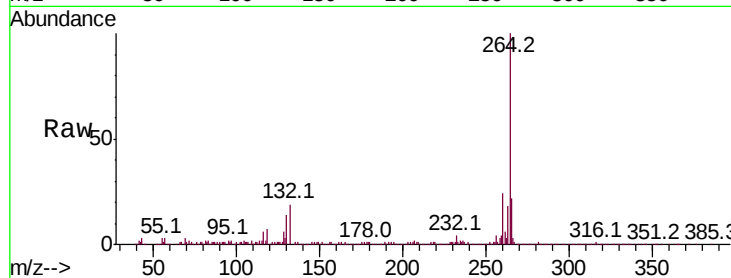




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121798.D
Acq: 2 Oct 2020 17:13

Instrument :
BNA_F
ClientSampleId :
SU-03-093020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.4	17.3	25.9



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

