

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119542.D
 Acq On : 26 Mar 2020 21:05
 Operator : CG/JU
 Sample : L2040-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Quant Time: Mar 27 01:48:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

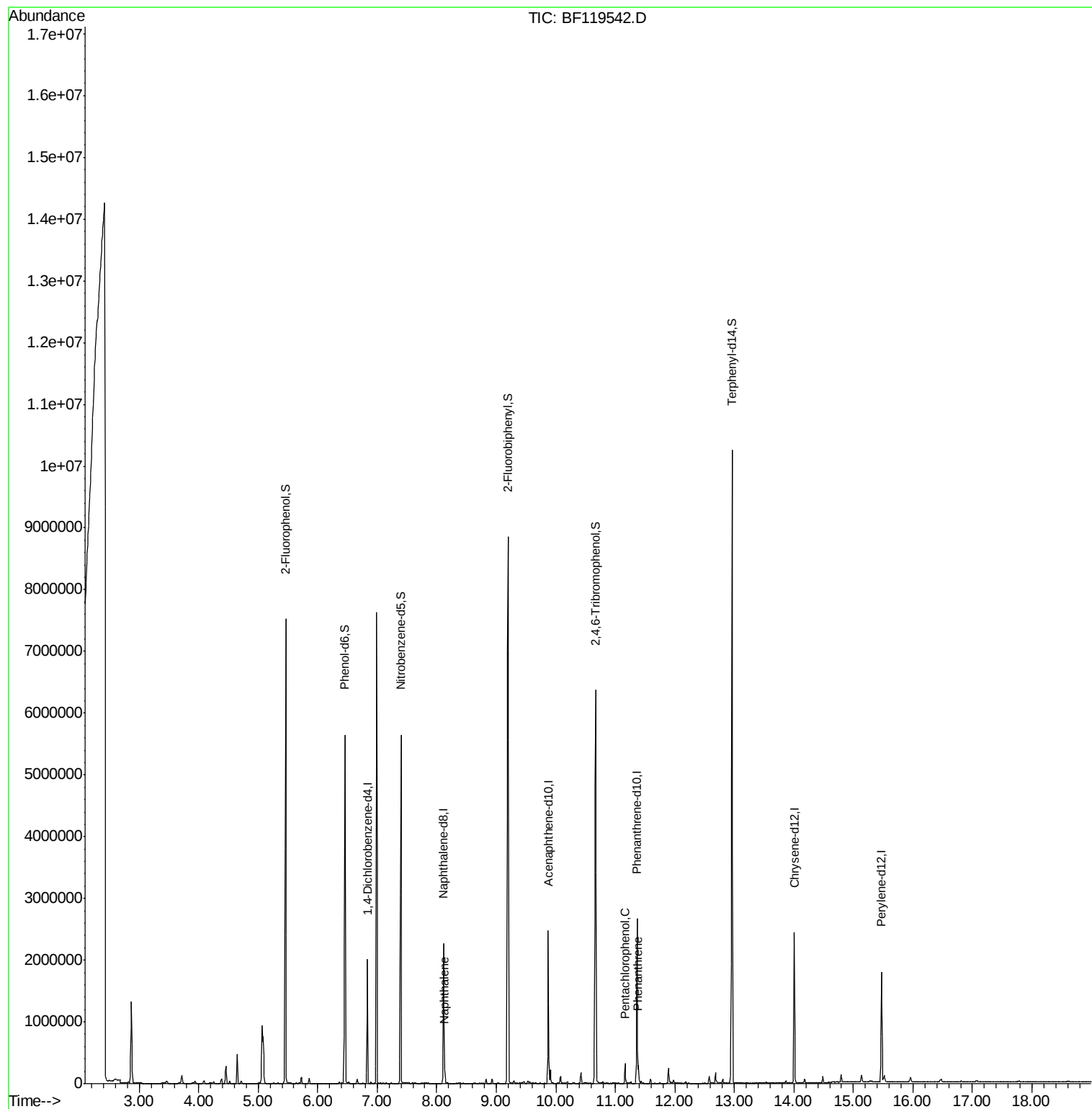
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	262387	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	981806	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	526673	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1055935	20.00	ng	0.00
76) Chrysene-d12	14.01	240	849587	20.00	ng	0.00
87) Perylene-d12	15.47	264	818633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2032738	123.33	ng	0.02
7) Phenol-d6	6.46	99	2219109	105.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	1863560	103.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	893450	164.43	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3384011	95.19	ng	0.00
79) Terphenyl-d14	12.96	244	3933068	90.70	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	106705	2.112	ng	97
70) Pentachlorophenol	11.16	266	36030	4.992	ng	92
71) Phenanthrene	11.39	178	151754	2.772	ng	97

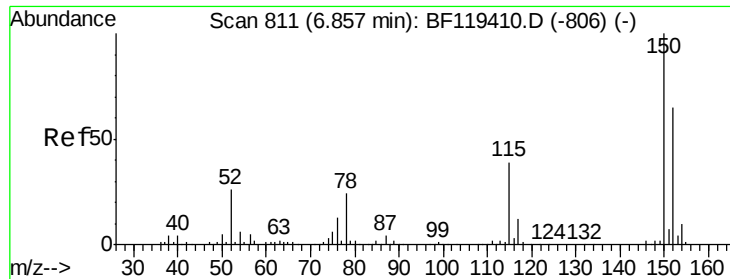
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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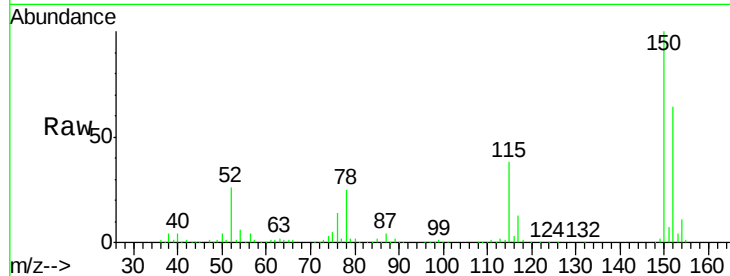


#1

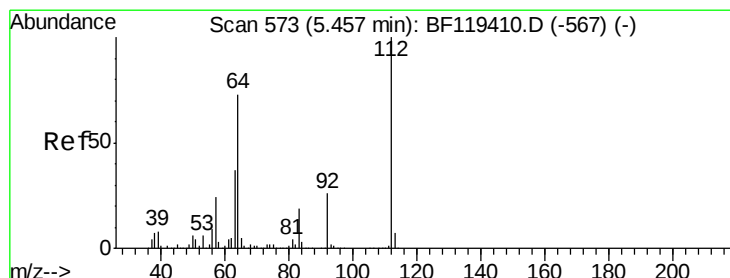
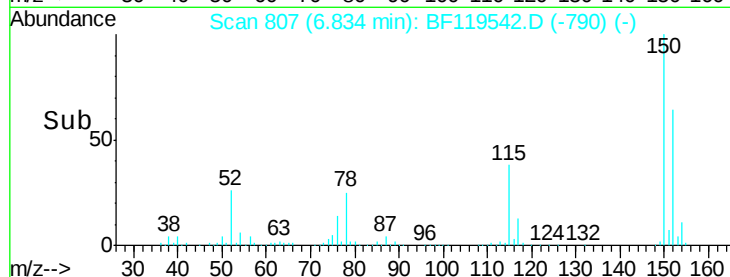
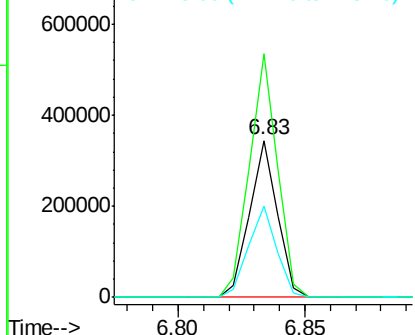
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleId :
RO-06

Tot Ion:152 Resp: 262387
Ion Ratio Lower Upper
152 100
150 155.2 123.9 185.9
115 58.6 47.8 71.6



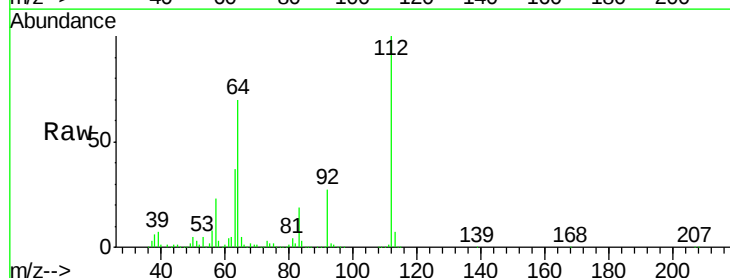
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



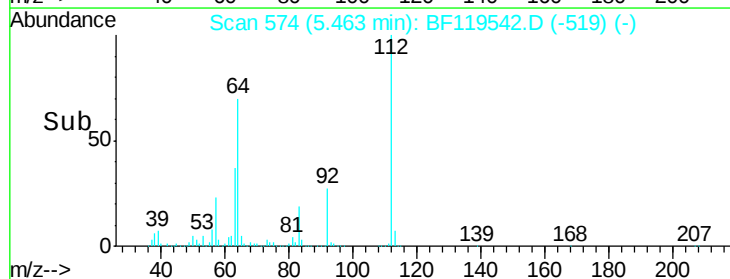
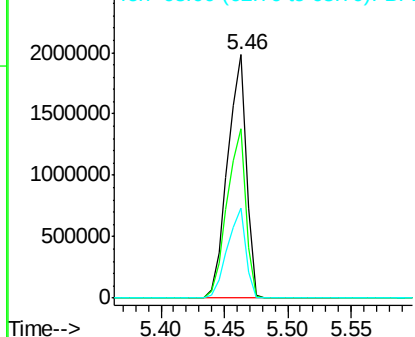
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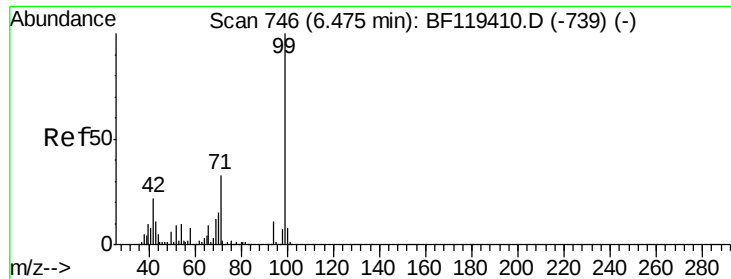
2-Fluorophenol
Concen: 123.326 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion:112 Resp: 2032738
Ion Ratio Lower Upper
112 100
64 69.8 58.1 87.1
63 36.7 29.7 44.5



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: 105.394 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Instrument :

BNA_F

ClientSampleId :

RO-06

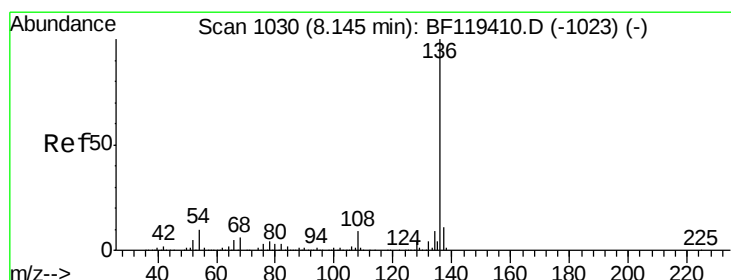
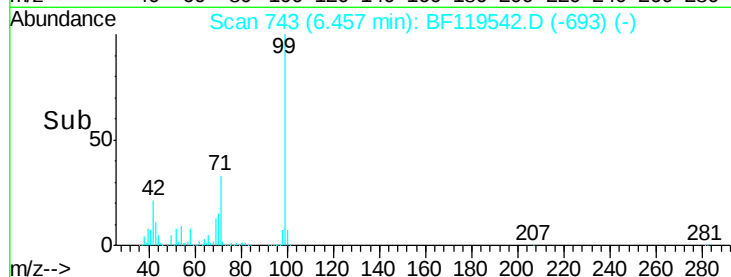
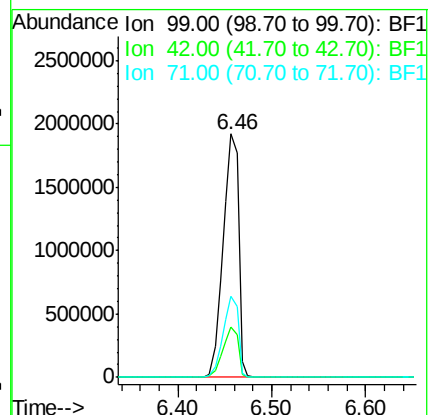
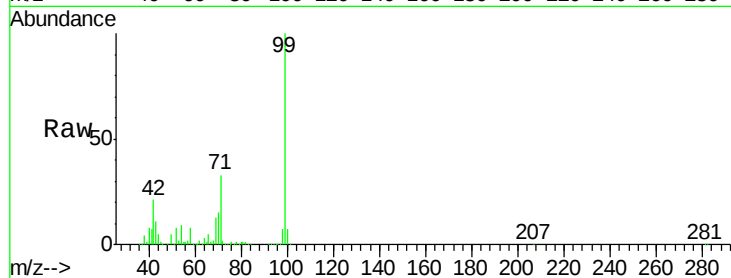
Tot Ion: 99 Resp: 2219109

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 33.5 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Tgt Ion: 136 Resp: 981806

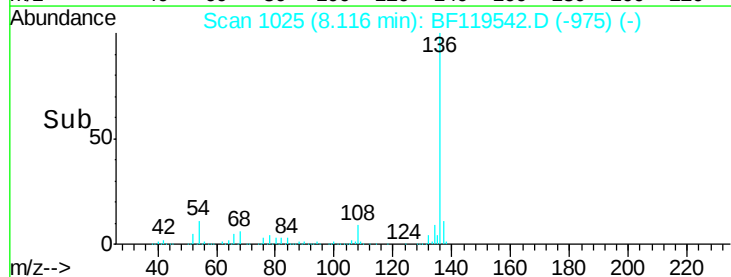
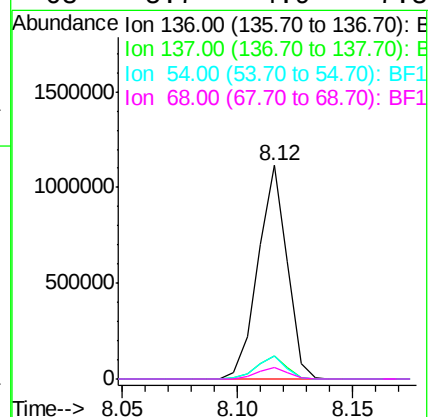
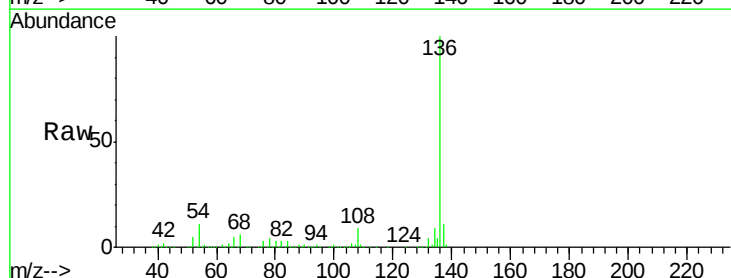
Ion Ratio Lower Upper

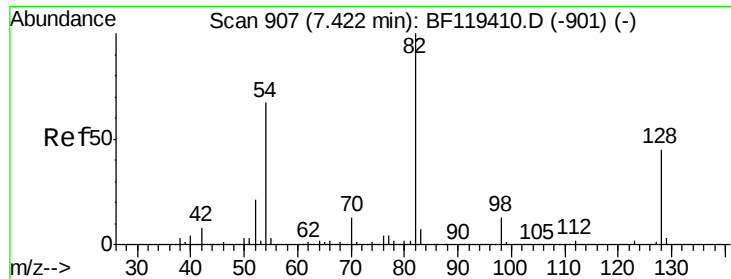
136 100

137 11.0 8.4 12.6

54 10.6 8.3 12.5

68 5.7 4.9 7.3

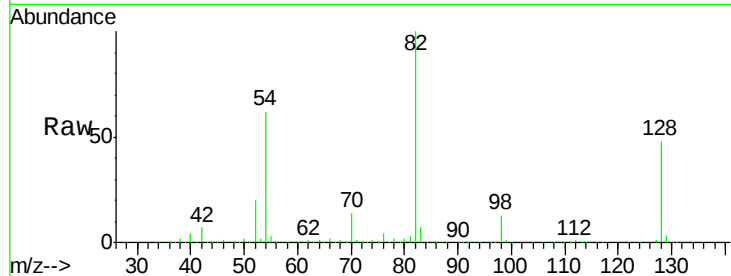




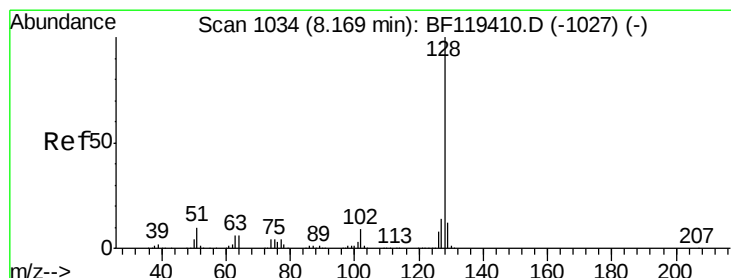
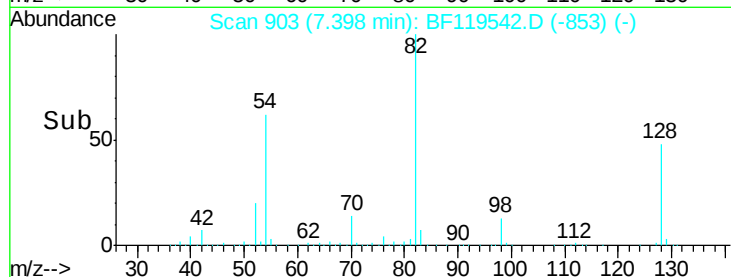
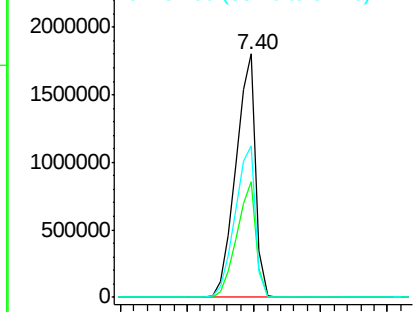
#23
Nitrobenzene-d5
Concen: 103.157 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleID :
RO-06

Tot Ion: 82 Resp: 1863560
Ion Ratio Lower Upper
82 100
128 47.5 35.8 53.8
54 62.3 53.4 80.0

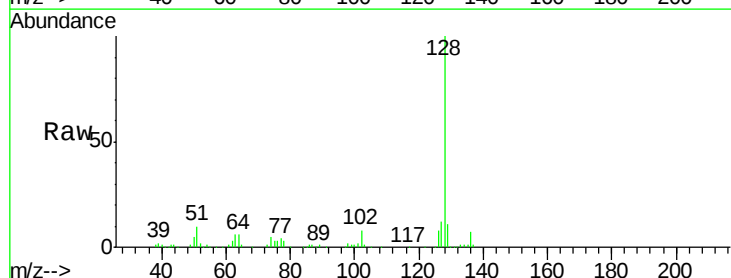


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

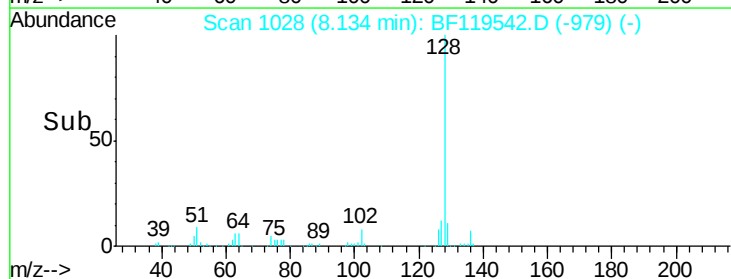
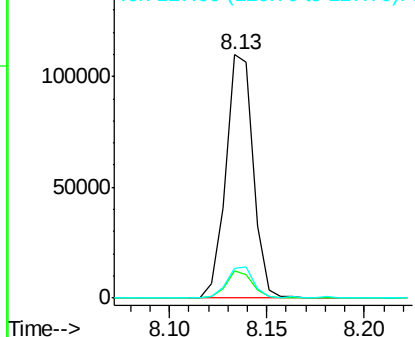


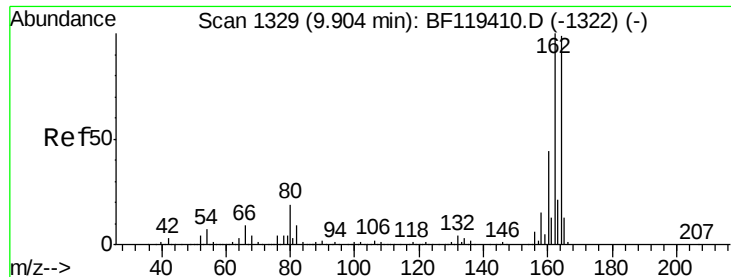
#31
Naphthalene
Concen: 2.112 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion: 128 Resp: 106705
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 12.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

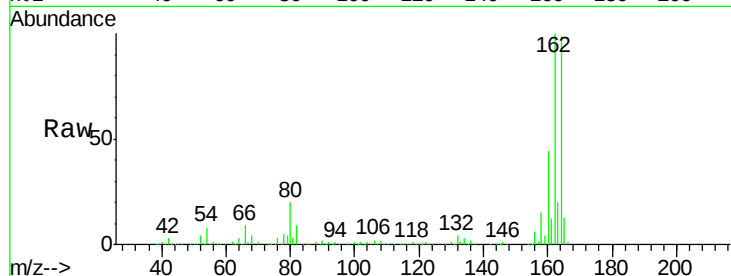




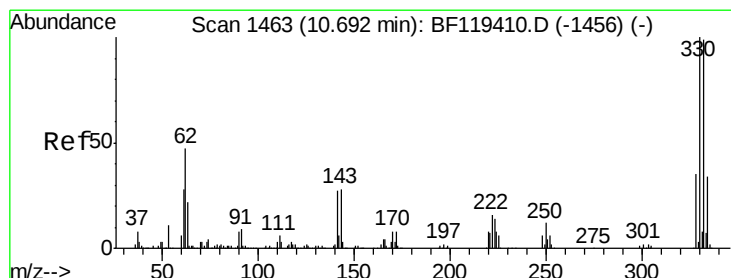
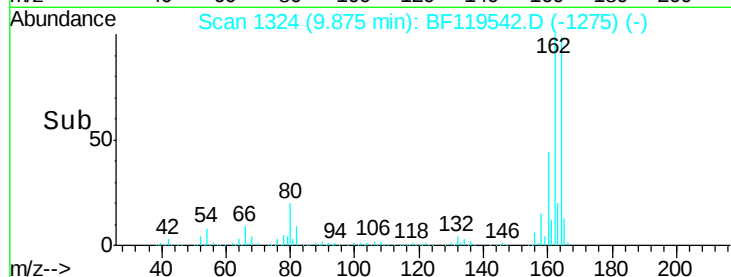
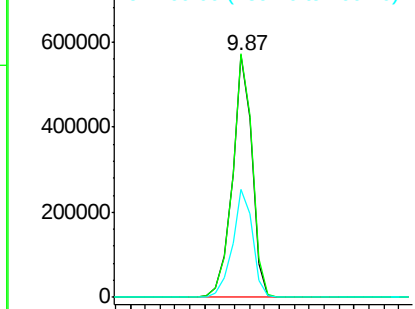
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	44.6	35.5	53.3

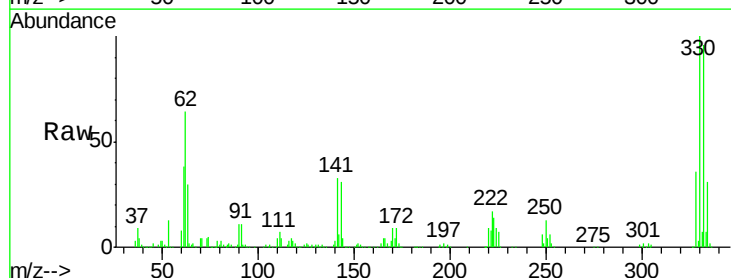


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

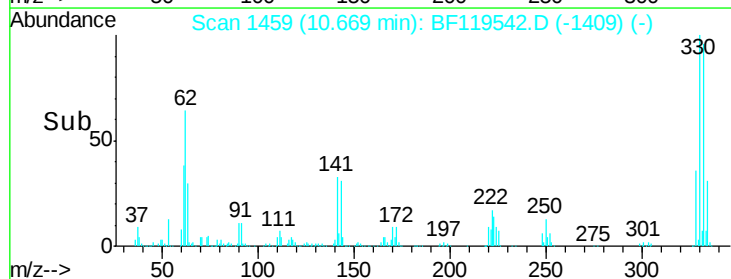
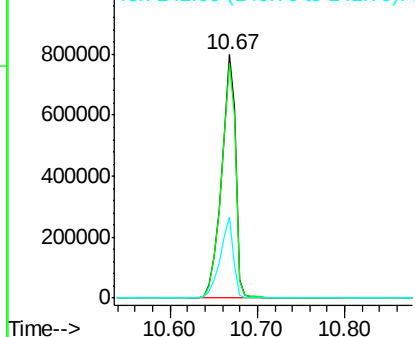


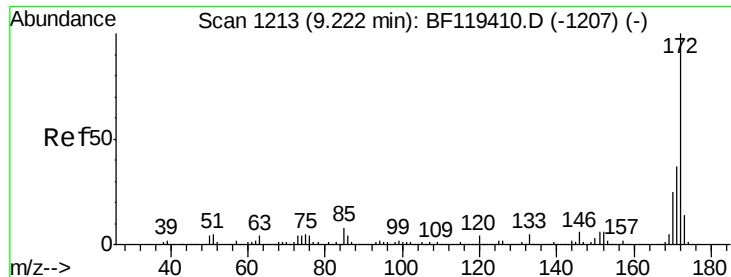
#42
2,4,6-Tribromophenol
Concen: 164.434 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	31.3	26.6	40.0



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



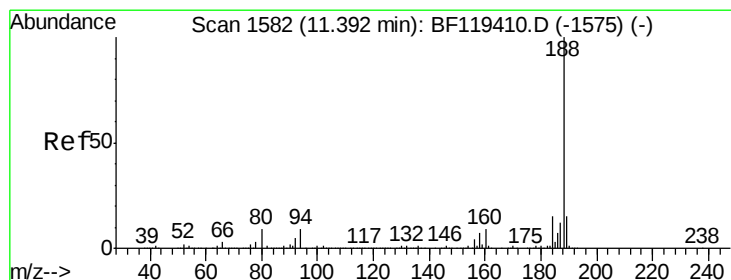
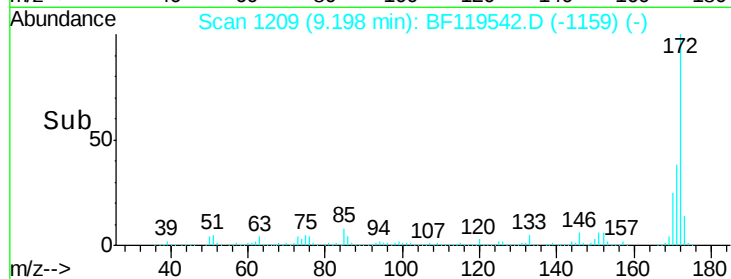
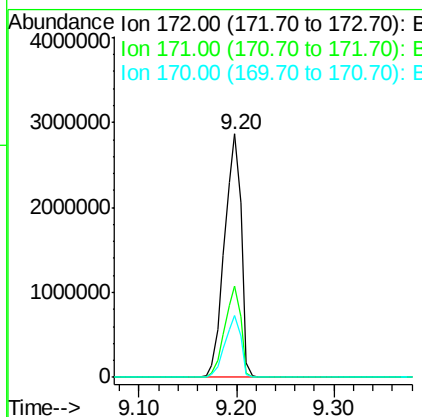
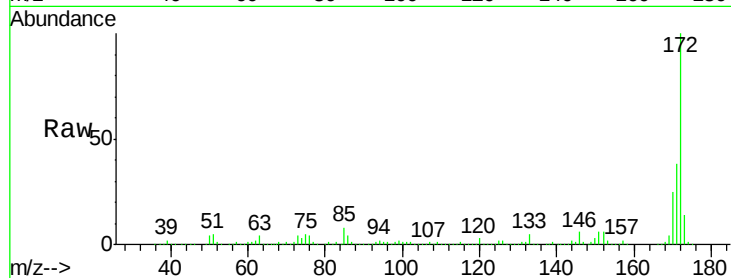


#45
 2-Fluorobiphenyl
 Concen: 95.188 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Tot Ion:172 Resp: 3384011

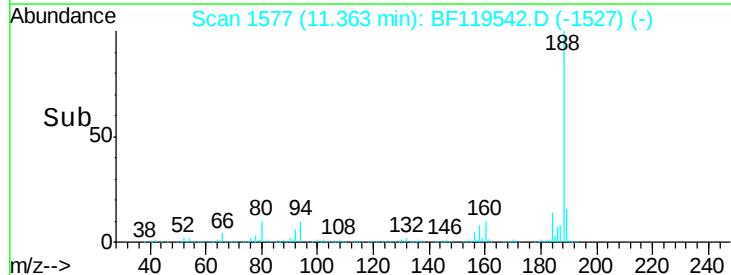
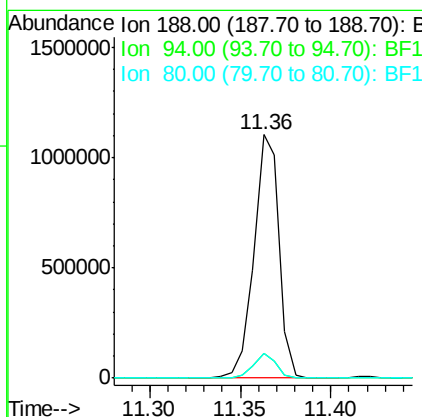
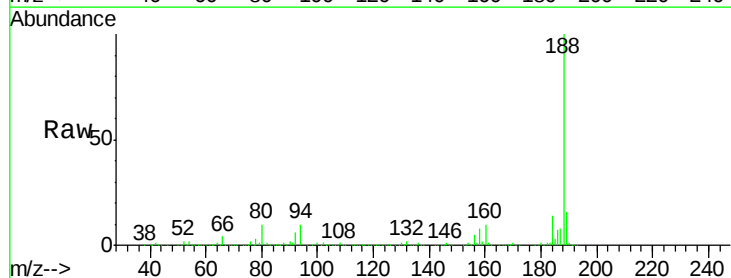
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	25.2	20.1	30.1

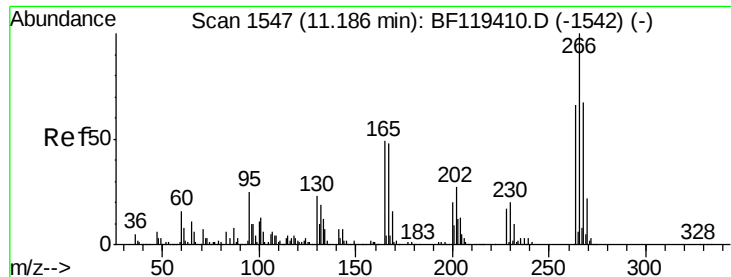


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Tgt Ion:188 Resp: 1055935

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	10.2	7.5	11.3

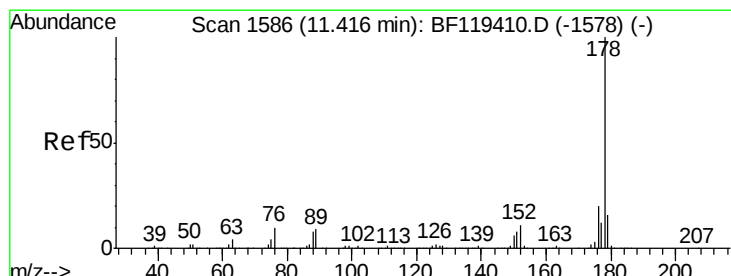
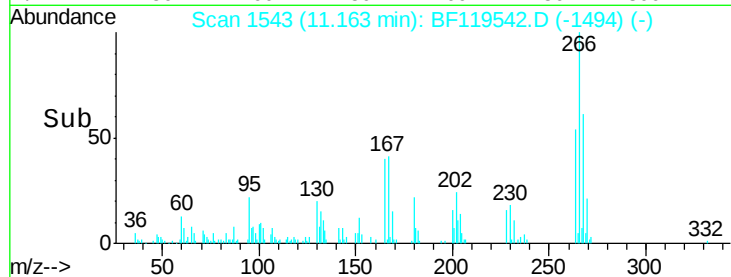
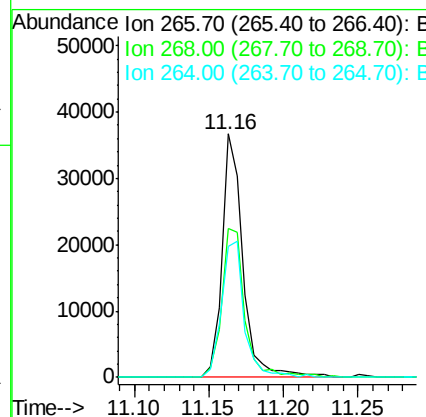
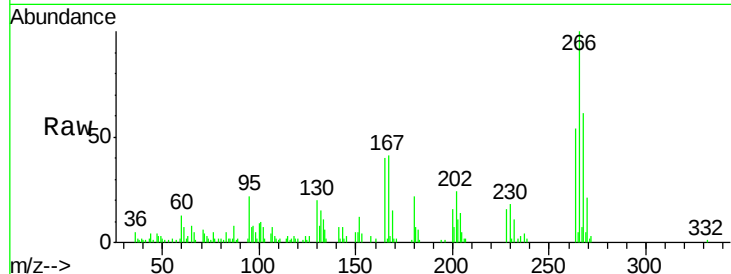




#70
 Pentachlorophenol
 Concen: 4.992 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

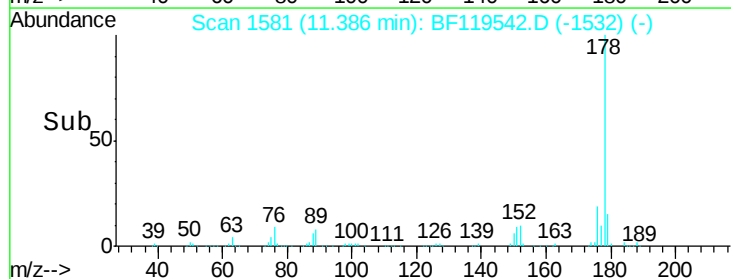
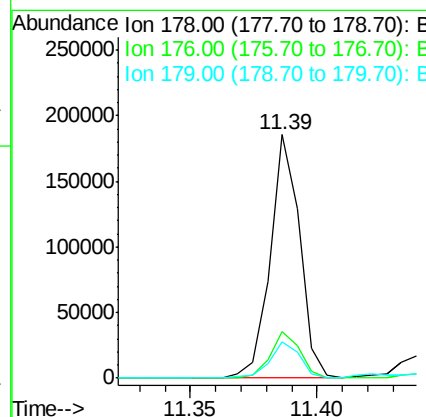
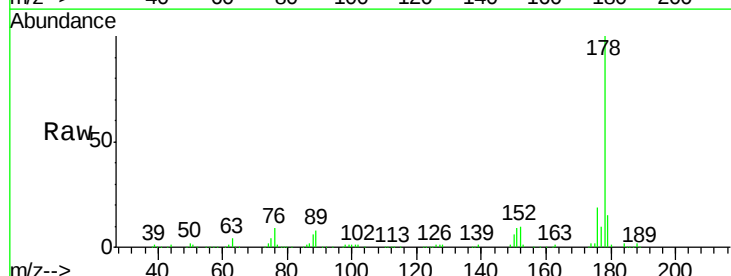
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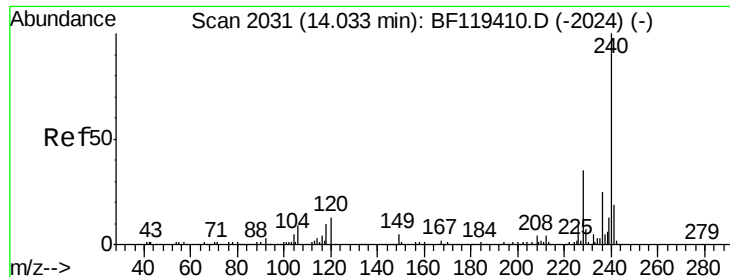
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	53.7	80.5
264	58.6	52.5	78.7



#71
 Phenanthrene
 Concen: 2.772 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.9	12.9	19.3

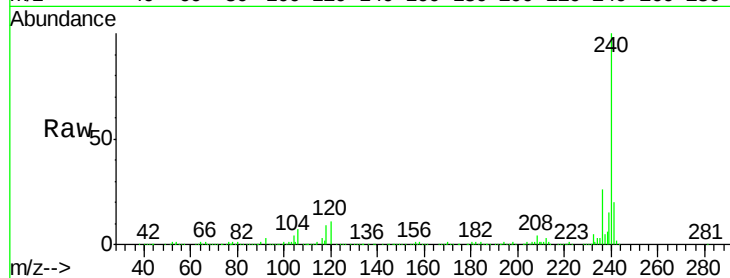




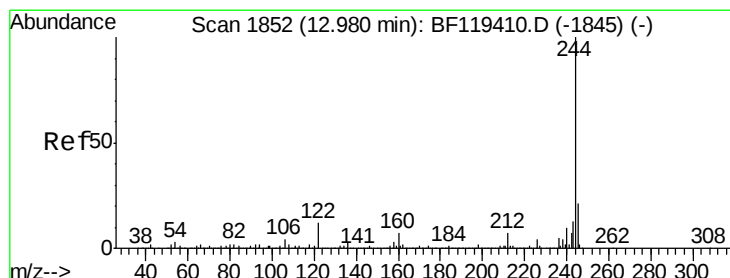
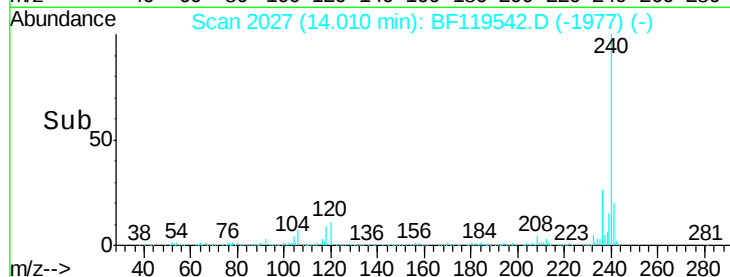
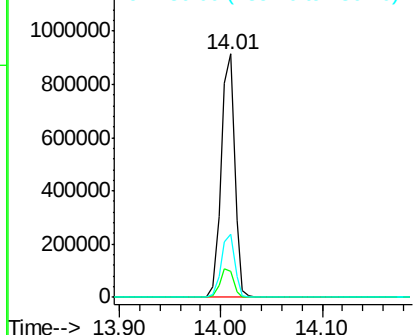
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleId :
RO-06

Tot Ion:240 Resp: 849587
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.0 20.4 30.6

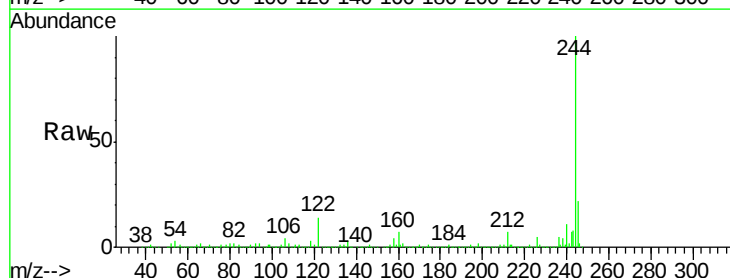


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

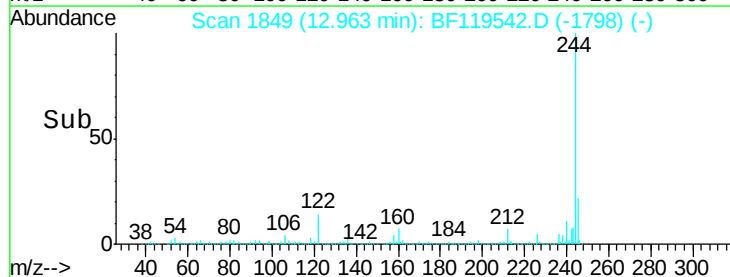
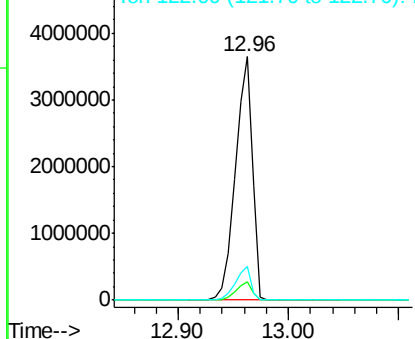


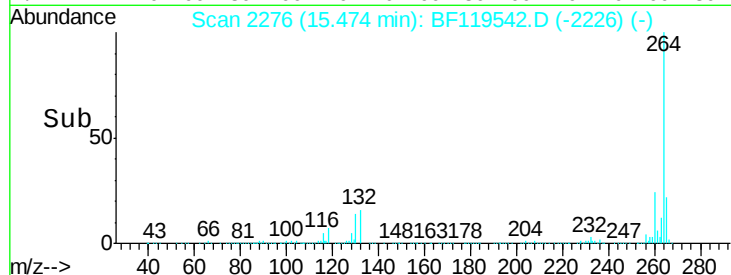
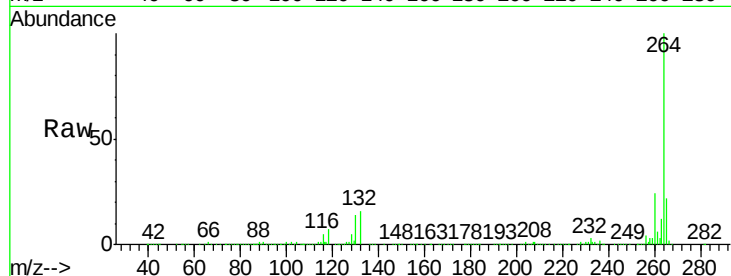
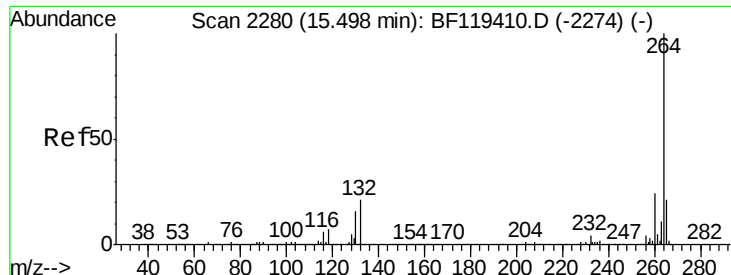
#79
Terphenyl-d14
Concen: 90.700 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion:244 Resp: 3933068
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 13.7 9.8 14.8



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Tot Ion:	264	Resp:	818633
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.7	16.9	25.3

