

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119615.D
 Acq On : 28 Mar 2020 14:30
 Operator : CG/JU
 Sample : L2028-02 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)RE

Quant Time: Mar 29 23:17:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

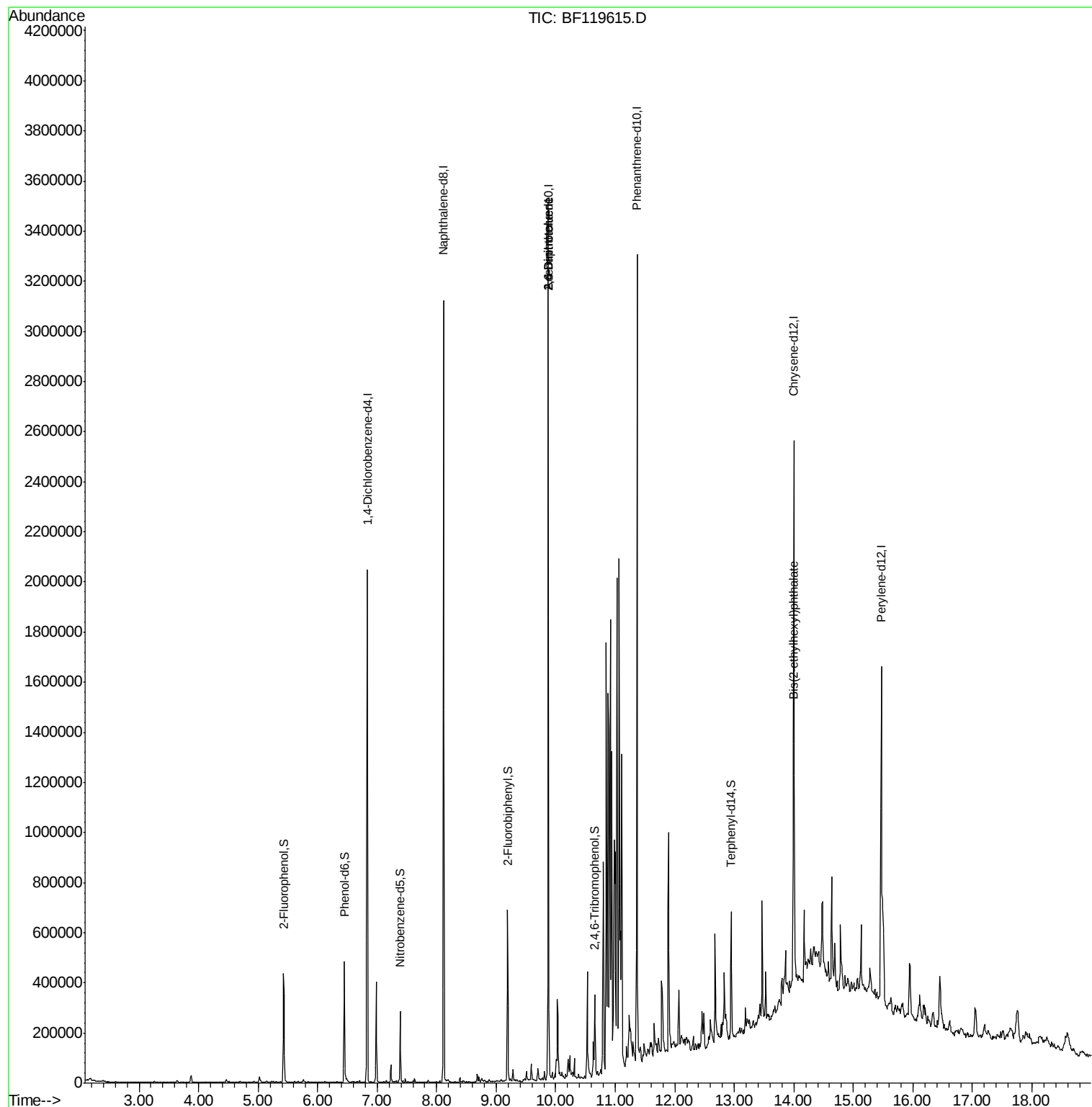
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	303890	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1188218	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	652609	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1032356	20.00	ng	0.00
76) Chrysene-d12	14.00	240	739483	20.00	ng	-0.01
87) Perylene-d12	15.47	264	642299	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	108648	5.69	ng	-0.01
7) Phenol-d6	6.45	99	146763	6.02	ng	-0.02
23) Nitrobenzene-d5	7.39	82	72476	3.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	34655	5.15	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	190841	4.33	ng	-0.01
79) Terphenyl-d14	12.95	244	153405	4.06	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	85000	8.55	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	85000	6.79	ng	# 20
84) Bis(2-ethylhexyl)phthalate	13.99	149	107673	3.68	ng	# 99

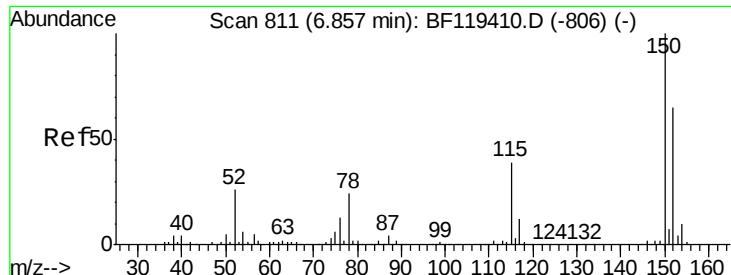
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119615.D
Acq On : 28 Mar 2020 14:30
Operator : CG/JU
Sample : L2028-02 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31-(5.5-6)RE

Quant Time: Mar 29 23:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

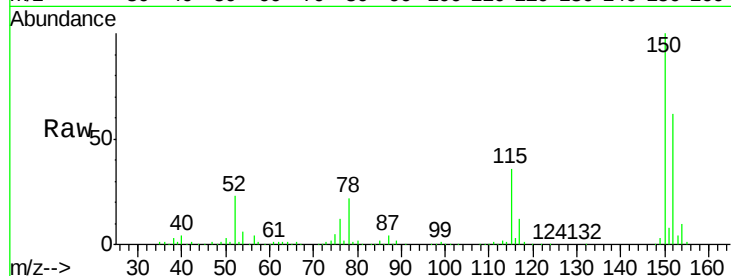




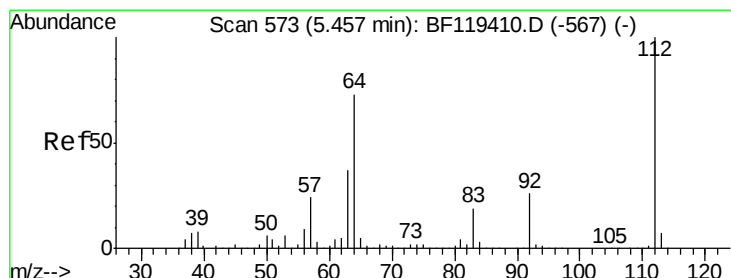
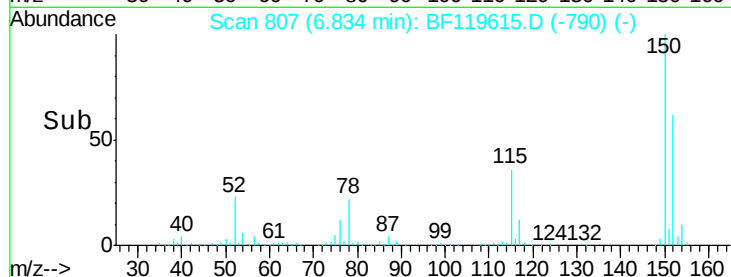
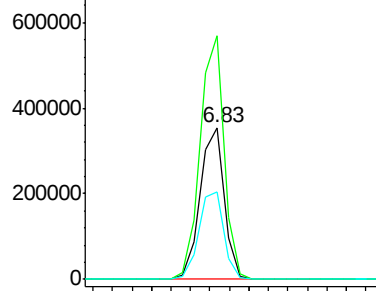
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF119615.D
 Acq: 28 Mar 2020 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)RE

Tgt Ion:152 Resp: 303890
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.5 186.7
 115 57.9 49.6 74.4

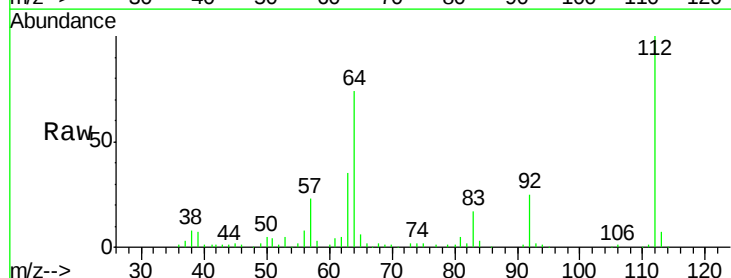


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

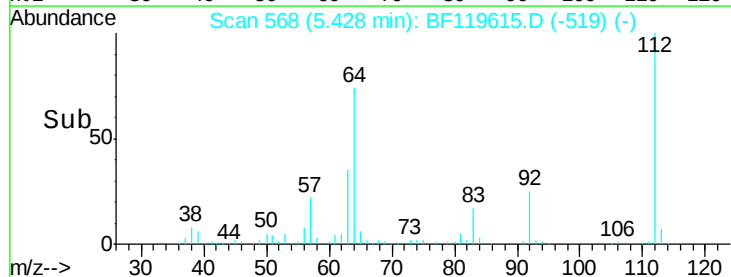
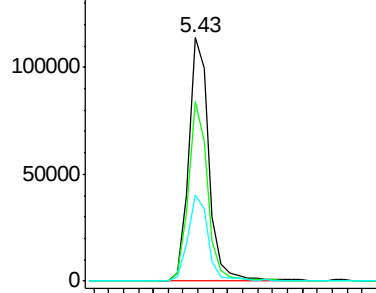


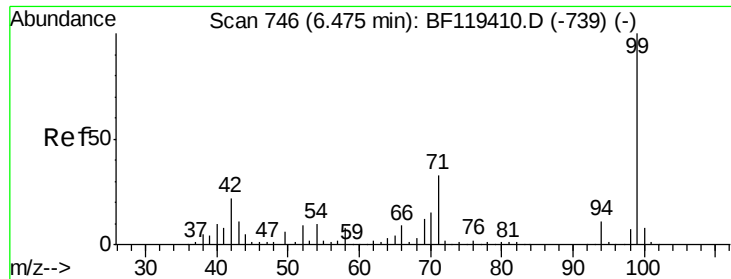
#5
 2-Fluorophenol
 Concen: 5.69 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF119615.D
 Acq: 28 Mar 2020 14:30

Tgt Ion:112 Resp: 108648
 Ion Ratio Lower Upper
 112 100
 64 73.8 56.7 85.1
 63 35.3 29.5 44.3



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: 6.02 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119615.D

Acq: 28 Mar 2020 14:30

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

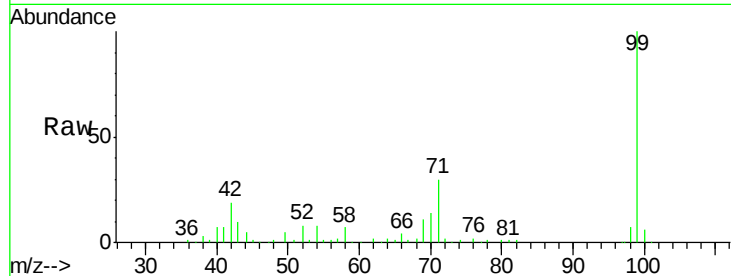
Tgt Ion: 99 Resp: 146763

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

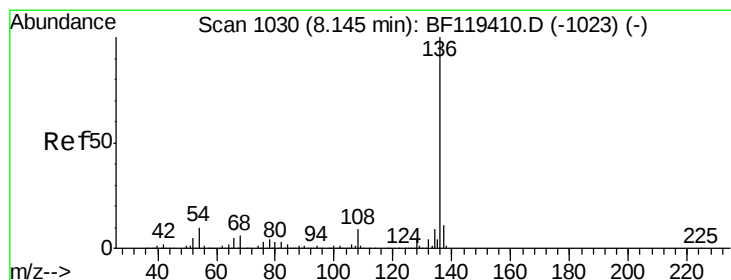
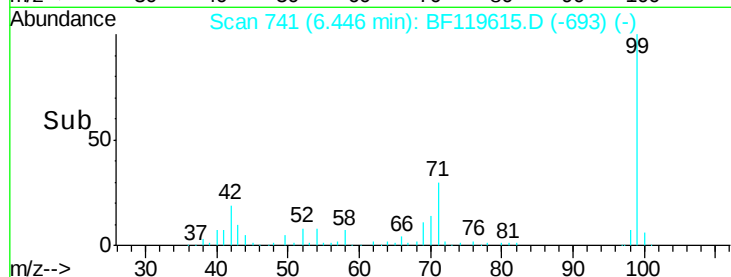
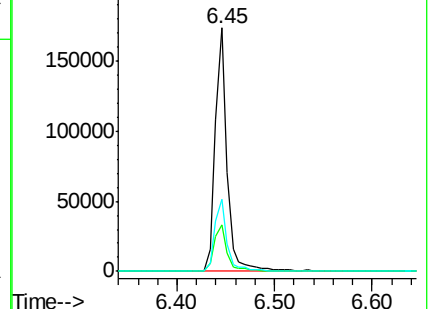
71 29.8 26.4 39.6



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: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119615.D

Acq: 28 Mar 2020 14:30

Tgt Ion: 136 Resp: 1188218

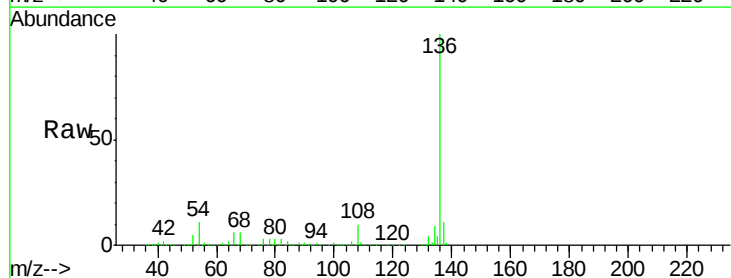
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.9 9.1 13.7

68 5.7 4.6 6.8

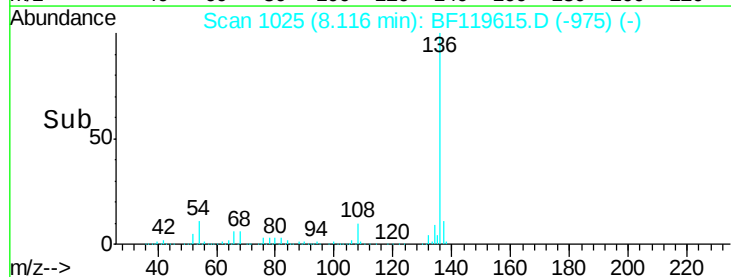
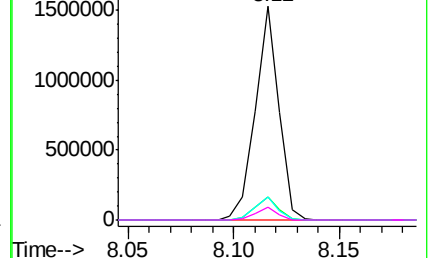


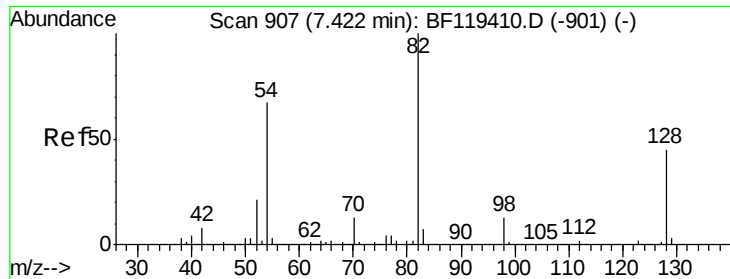
Abundance Ion 136.00 (135.70 to 136.70): E

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

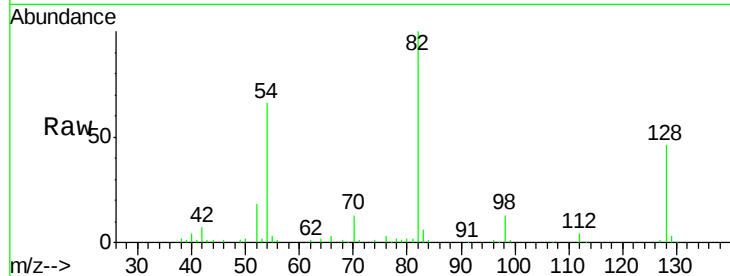




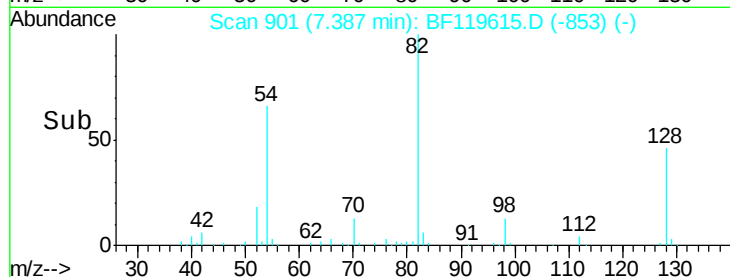
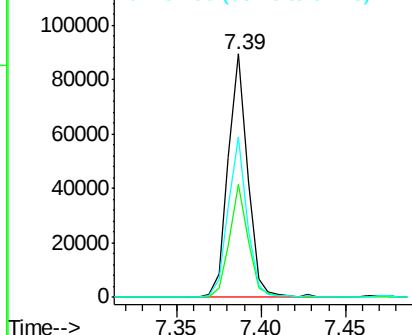
#23
 Nitrobenzene-d5
 Concen: 3.31 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF119615.D
 Acq: 28 Mar 2020 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)RE

Tgt Ion: 82 Resp: 72476
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.3 54.5
 54 66.0 50.6 75.8

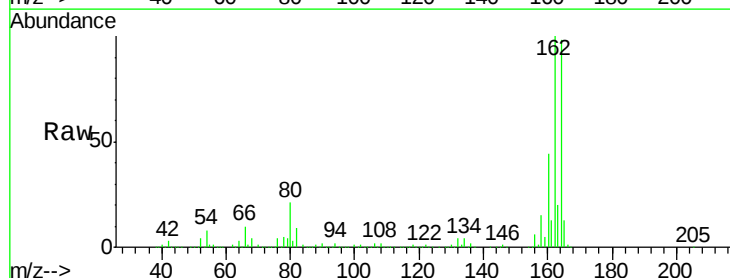


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

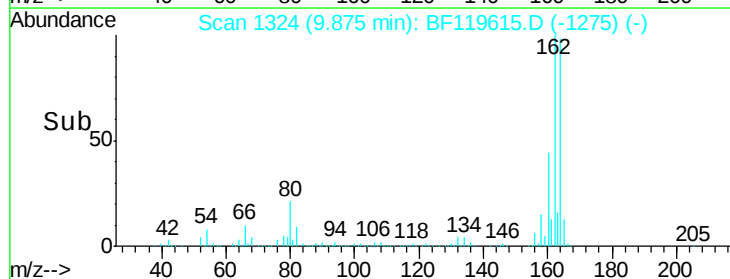
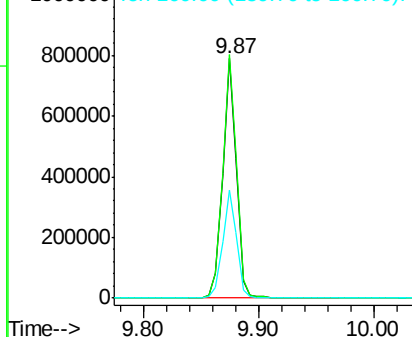


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119615.D
 Acq: 28 Mar 2020 14:30

Tgt Ion: 164 Resp: 652609
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 121.0
 160 45.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 5.15 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF119615.D

Acq: 28 Mar 2020 14:30

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

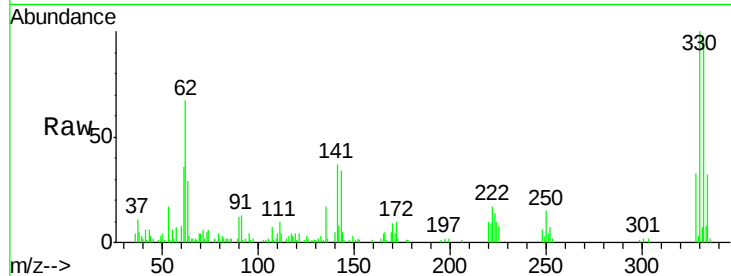
Tgt Ion:330 Resp: 34655

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

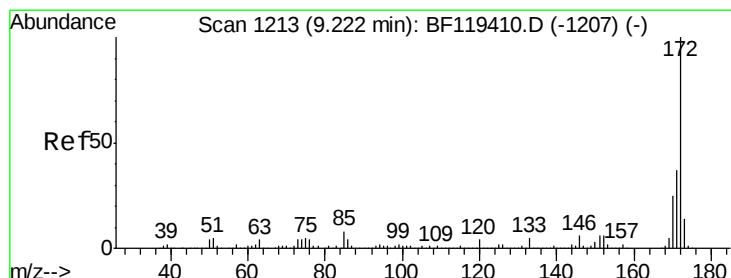
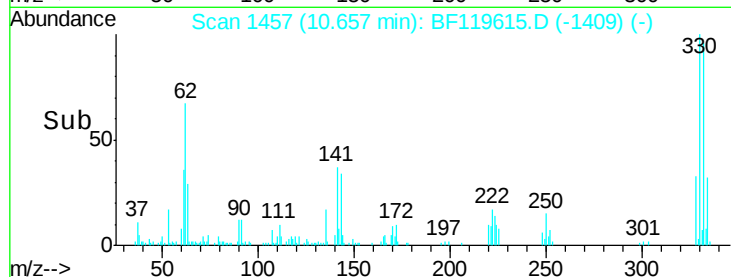
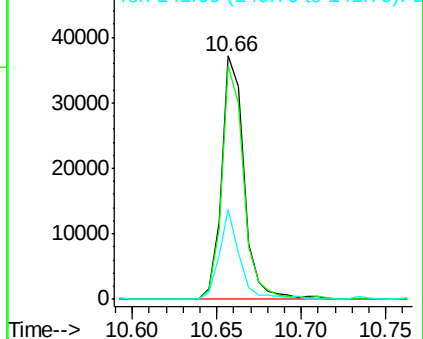
141 33.4 25.4 38.0



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: 4.33 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF119615.D

Acq: 28 Mar 2020 14:30

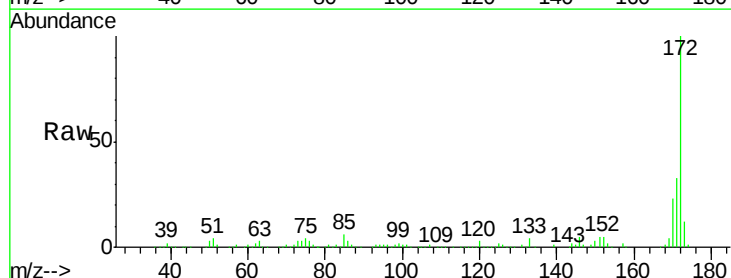
Tgt Ion:172 Resp: 190841

Ion Ratio Lower Upper

172 100

171 33.2 29.6 44.4

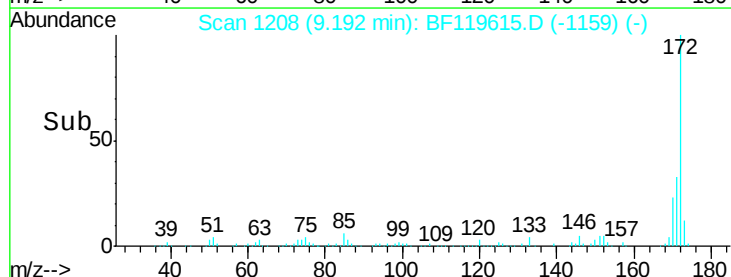
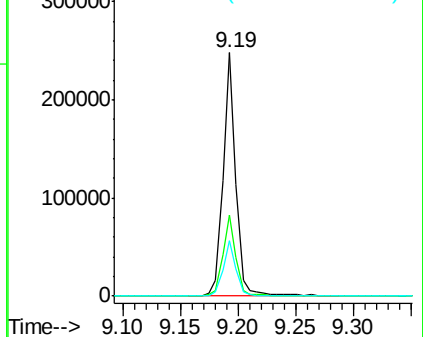
170 22.9 20.2 30.2

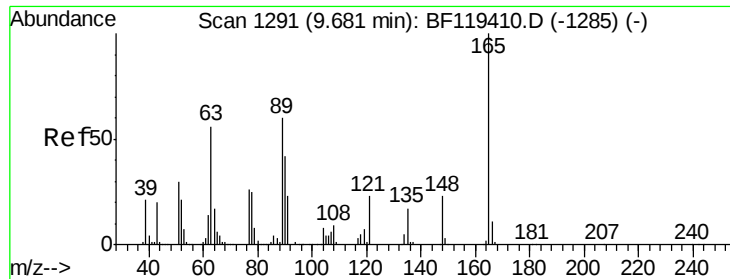


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

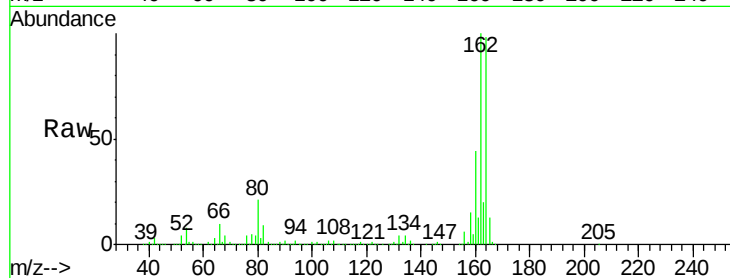




#51
 2,6-Dinitrotoluene
 Concen: 8.55 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119615.D
 Acq: 28 Mar 2020 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)RE

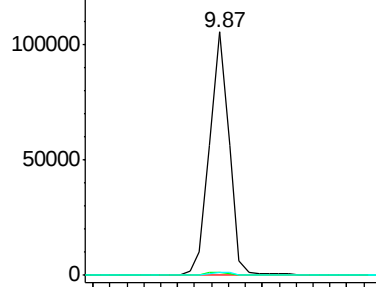
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.3	41.5	62.3#



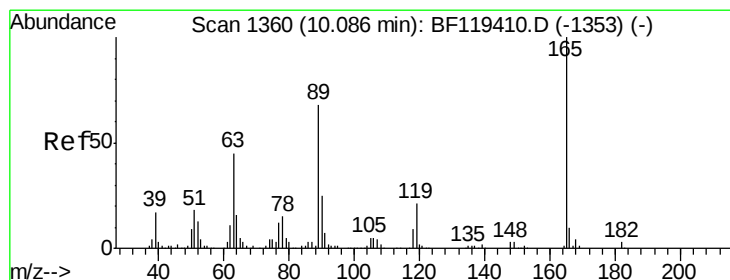
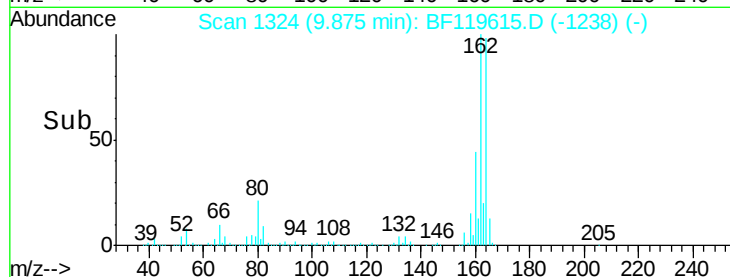
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#57
 2,4-Dinitrotoluene
 Concen: 6.79 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119615.D
 Acq: 28 Mar 2020 14:30

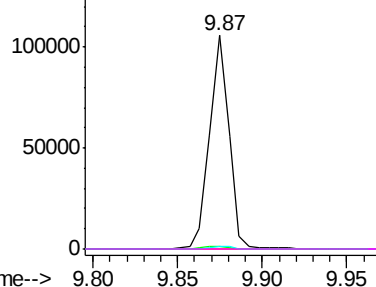
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E

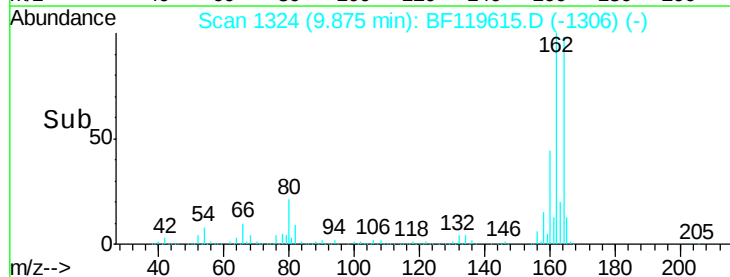
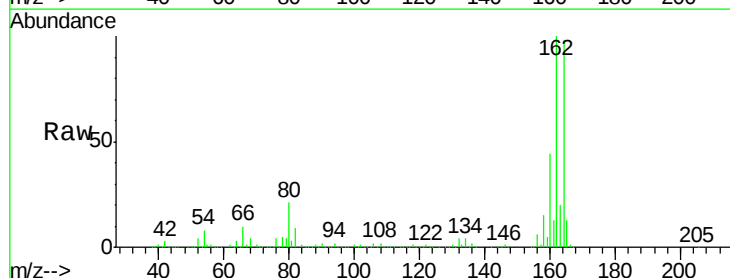
Ion 63.00 (62.70 to 63.70): BF1

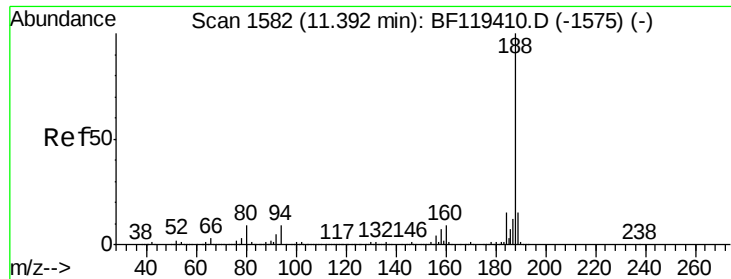
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

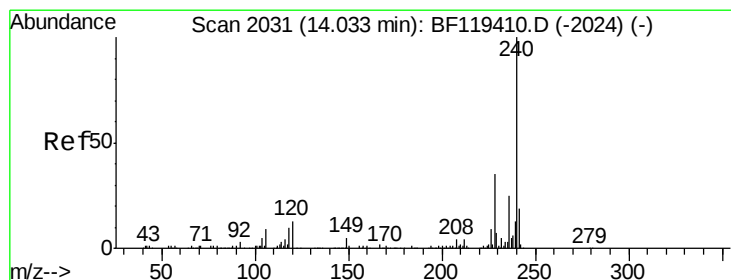
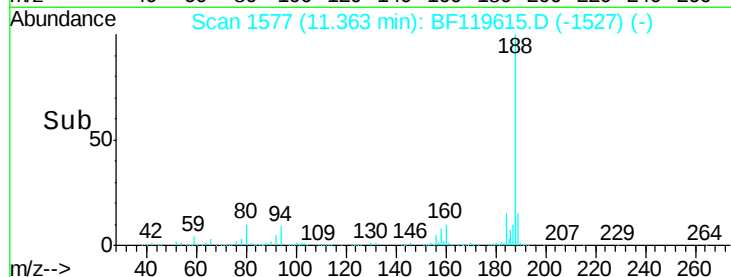
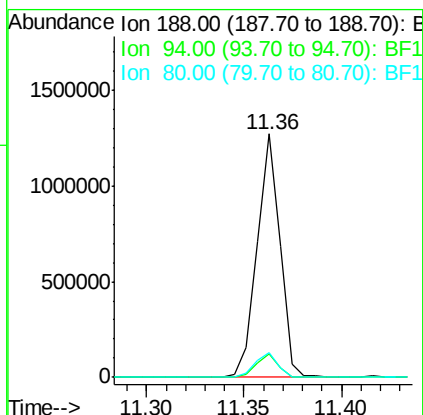
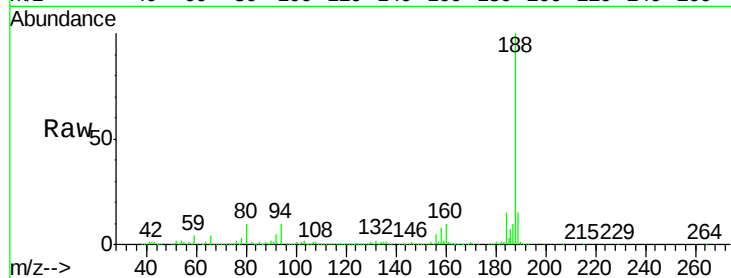




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119615.D
Acq: 28 Mar 2020 14:30

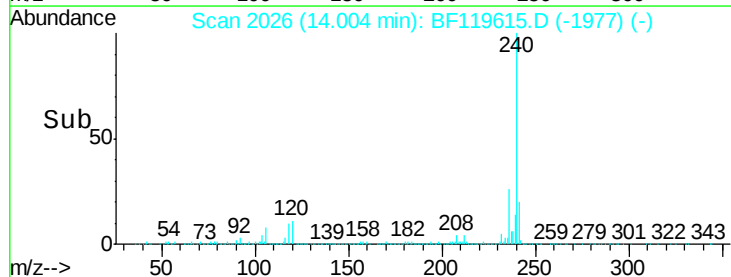
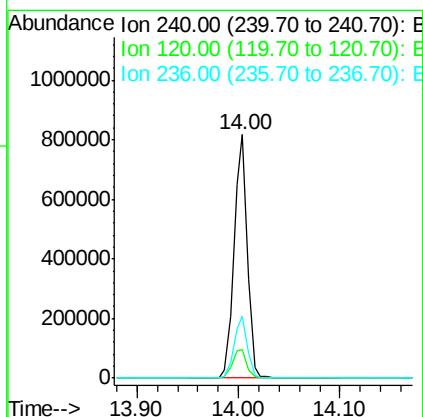
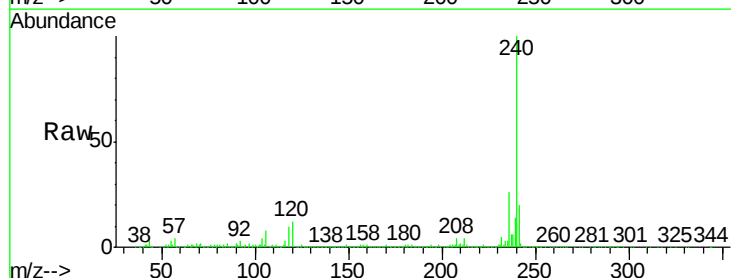
Instrument :
BNA_F
ClientSampleId :
SB-31-(5.5-6)RE

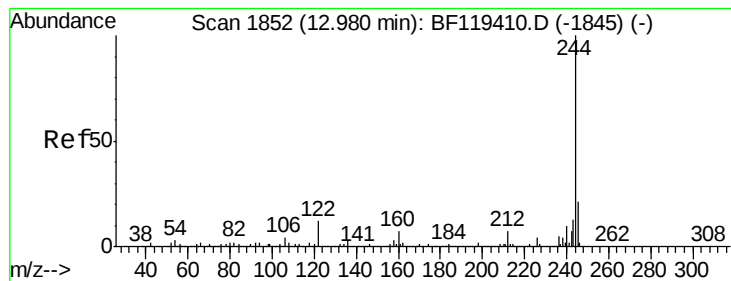
Tgt Ion:188 Resp: 1032356
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 9.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119615.D
Acq: 28 Mar 2020 14:30

Tgt Ion:240 Resp: 739483
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 25.6 20.2 30.2





#79

Terphenyl-d14

Concen: 4.06 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF119615.D

Acq: 28 Mar 2020 14:30

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

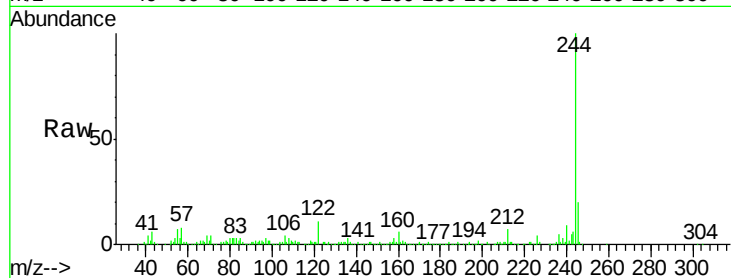
Tgt Ion:244 Resp: 153405

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

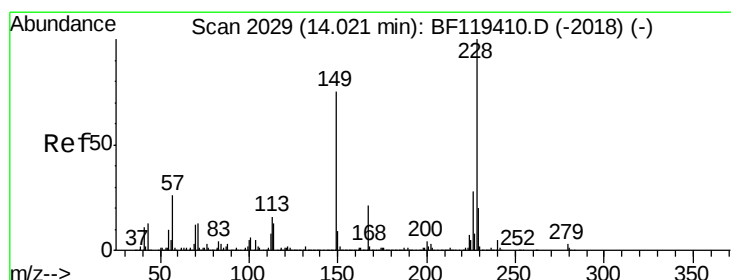
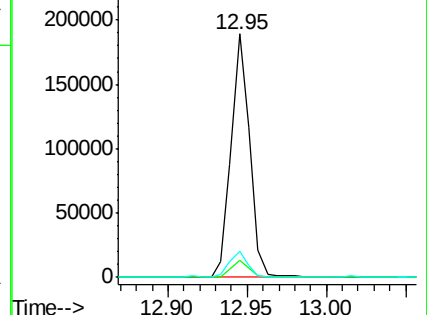
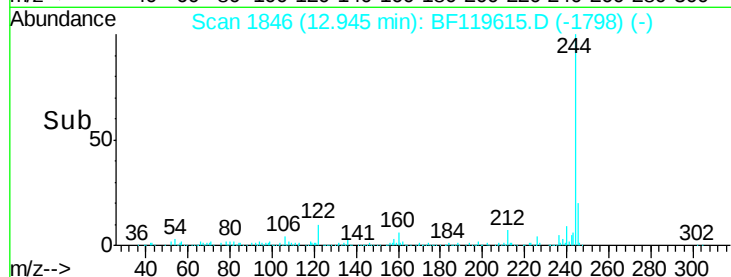
122 10.6 10.3 15.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.68 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF119615.D

Acq: 28 Mar 2020 14:30

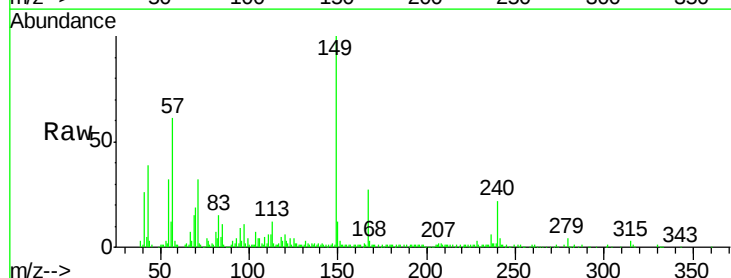
Tgt Ion:149 Resp: 107673

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

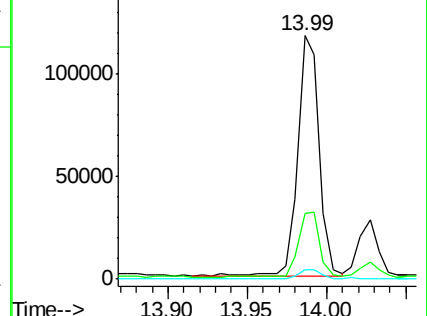
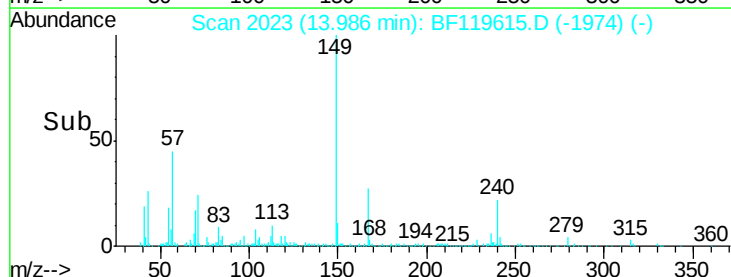
279 4.1 2.7 4.1#

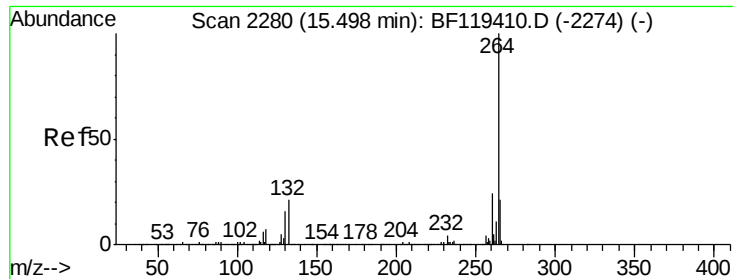


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

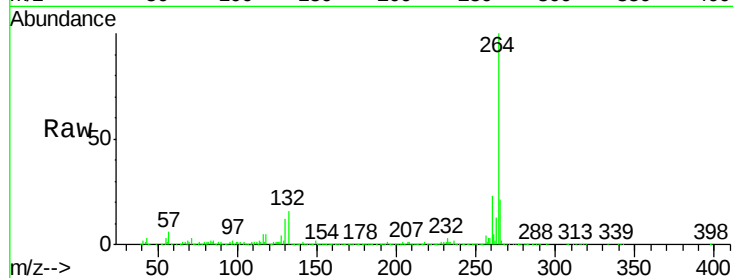




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119615.D
Acq: 28 Mar 2020 14:30

Instrument :
BNA_F
ClientSampleId :
SB-31-(5.5-6)RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.8	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

