

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118421.D
 Acq On : 31 Dec 2019 22:40
 Operator : JU
 Sample : K6455-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K435-WC-1

Quant Time: Jan 01 08:33:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	61567	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	238888	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	119263	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	256927	20.00	ng	0.00
76) Chrysene-d12	14.06	240	181362	20.00	ng	0.00
87) Perylene-d12	15.56	264	159783	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	447126	123.97	ng	0.02
7) Phenol-d6	6.50	99	492918	110.17	ng	0.01
23) Nitrobenzene-d5	7.42	82	401364	96.10	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	199016	135.13	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	781988	100.09	ng	0.00
79) Terphenyl-d14	12.99	244	974323	89.13	ng	0.00

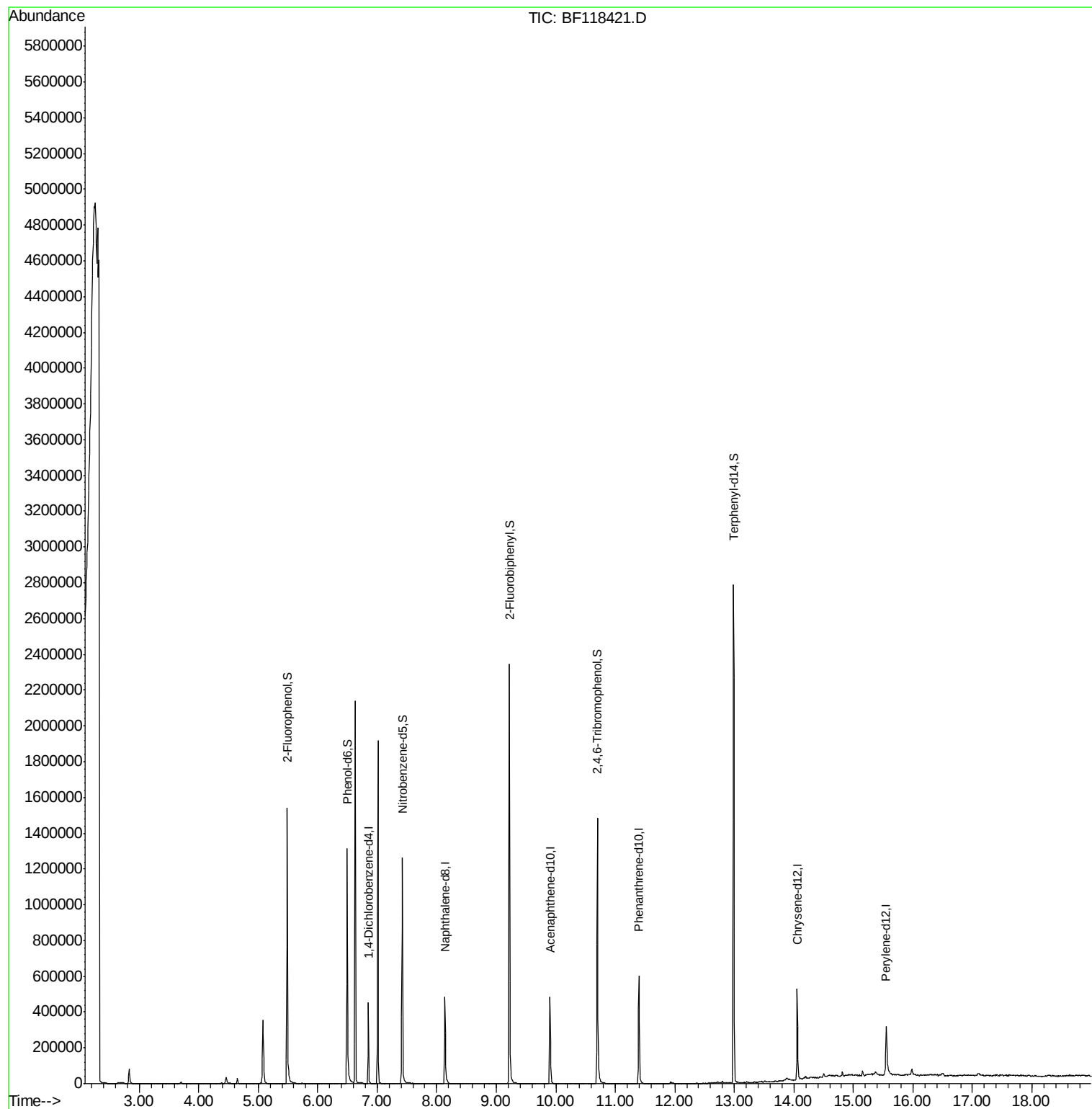
Target Compounds Qvalue

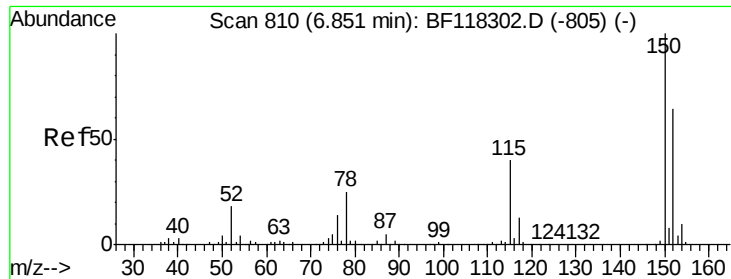
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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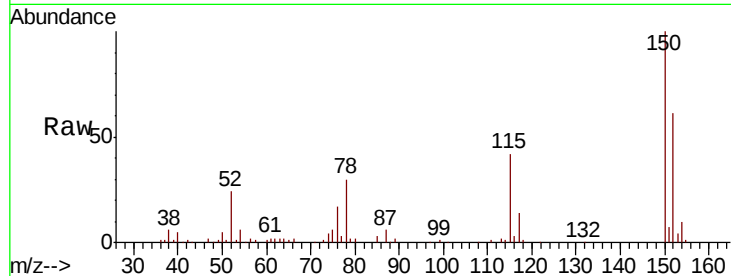


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118421.D
 Acq: 31 Dec 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 K435-WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	125.4	188.2
115	68.7	50.2	75.4

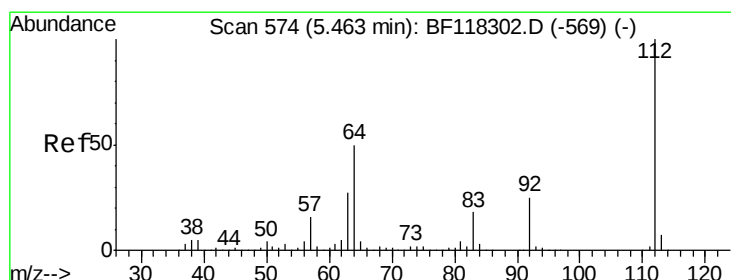
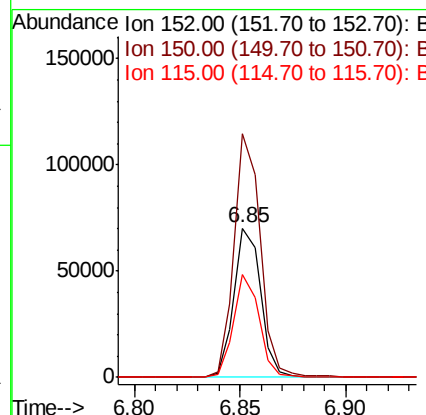
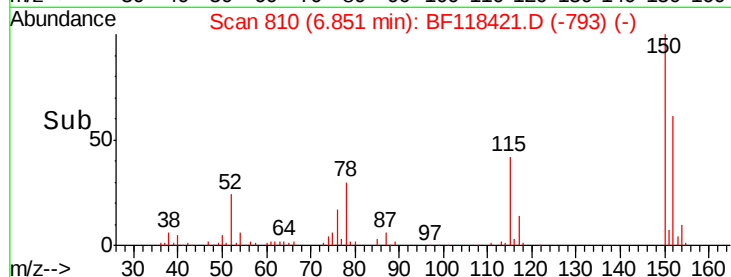


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

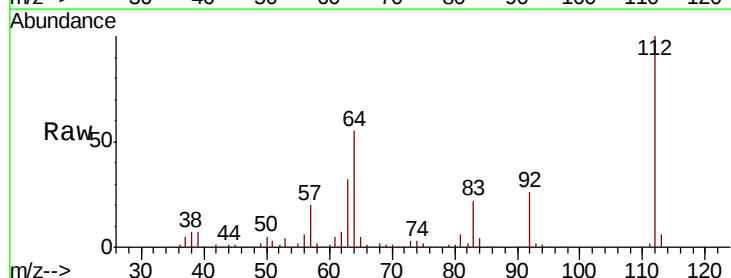
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 123.969 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF118421.D
 Acq: 31 Dec 2019 22:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.7	59.5
63	32.4	21.7	32.5

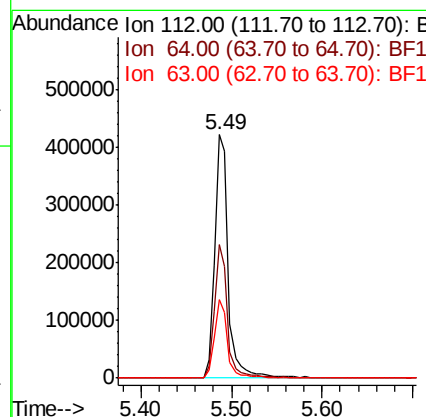
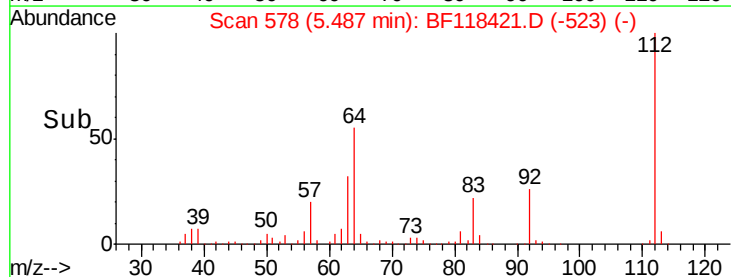


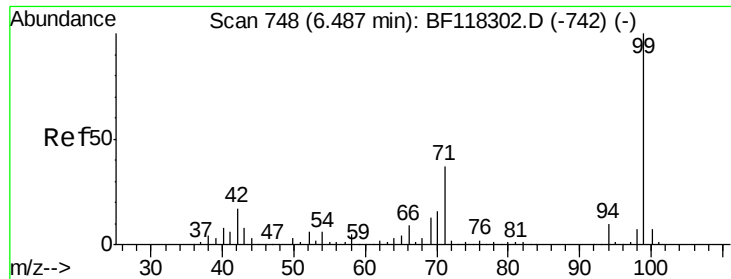
Abundance

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: 110.167 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118421.D

Acq: 31 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

K435-WC-1

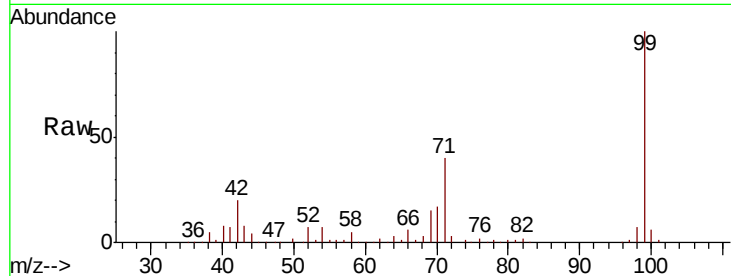
Tot Ion: 99 Resp: 492918

Ion Ratio Lower Upper

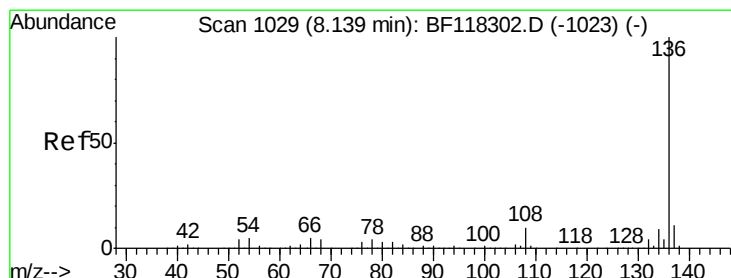
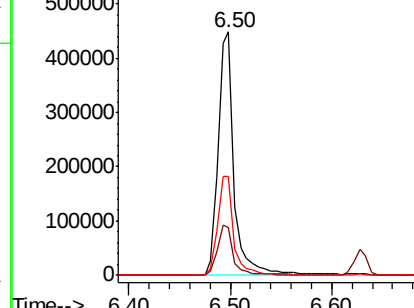
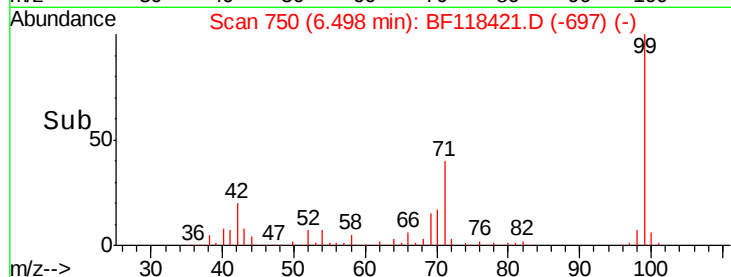
99 100

42 19.8 13.5 20.3

71 40.5 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118421.D

Acq: 31 Dec 2019 22:40

Tgt Ion: 136 Resp: 238888

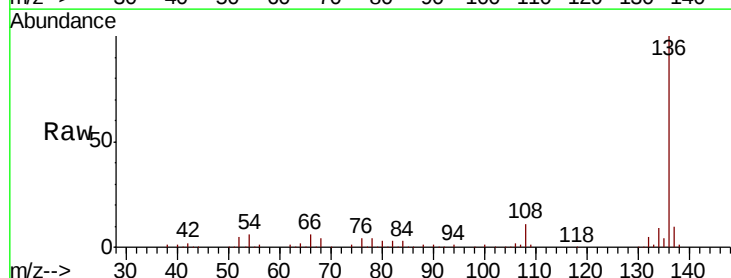
Ion Ratio Lower Upper

136 100

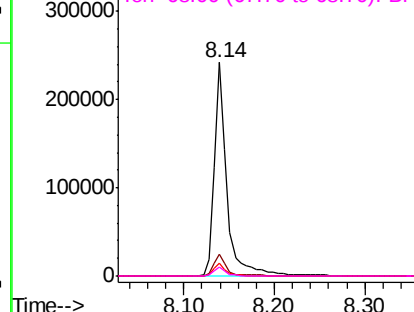
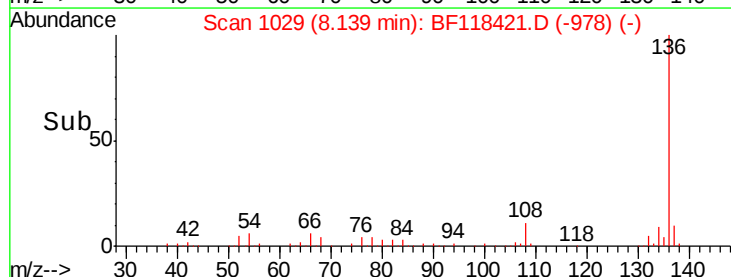
137 10.4 8.9 13.3

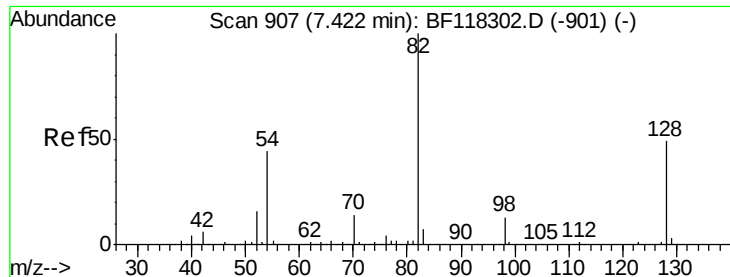
54 6.0 4.2 6.4

68 4.2 3.5 5.3



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

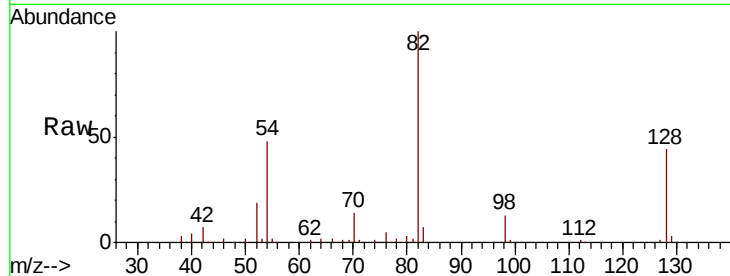




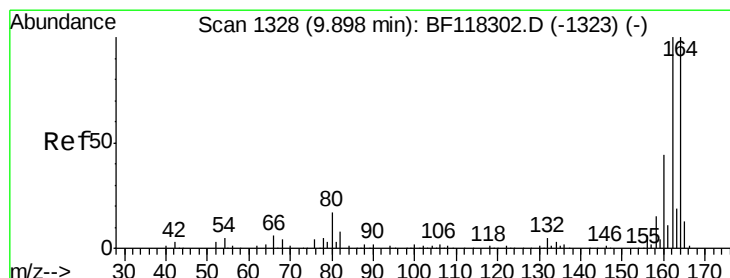
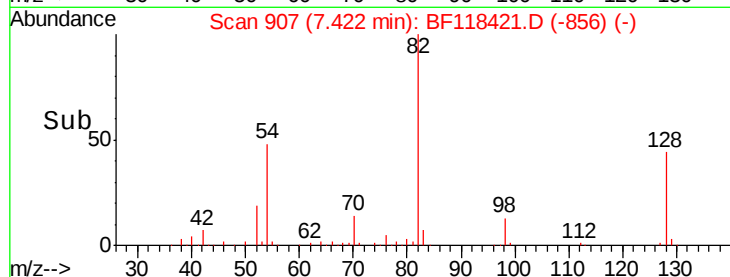
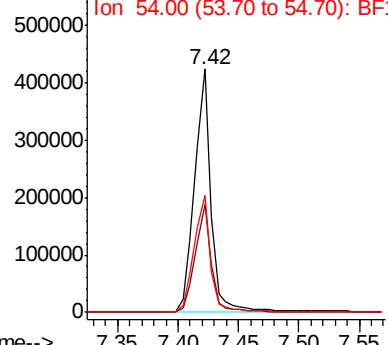
#23
Nitrobenzene-d5
Concen: 96.095 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Instrument :
BNA_F
ClientSampled :
K435-WC-1

Tot Ion: 82 Resp: 401364
Ion Ratio Lower Upper
82 100
128 44.1 39.6 59.4
54 48.3 34.9 52.3

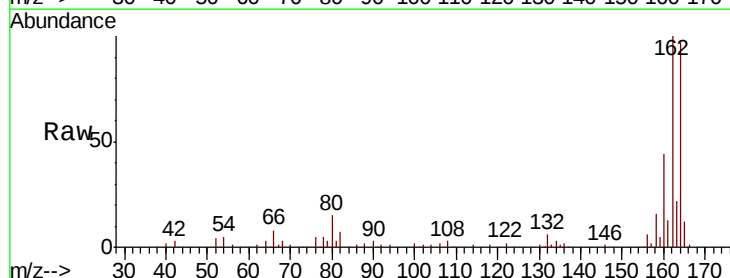


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

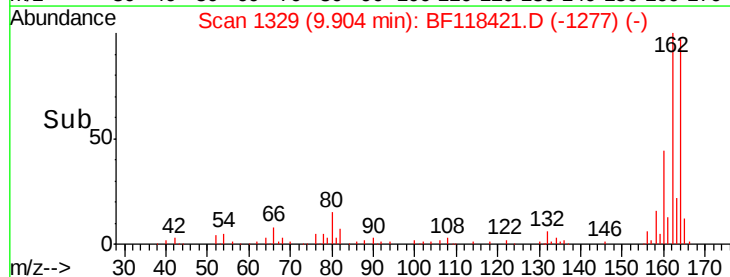
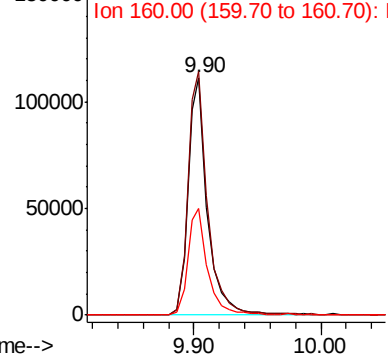


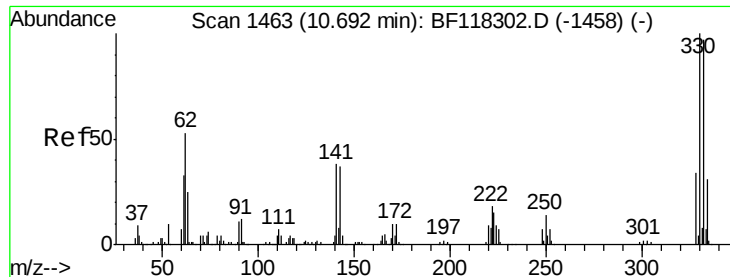
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion: 164 Resp: 119263
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 44.7 34.8 52.2



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

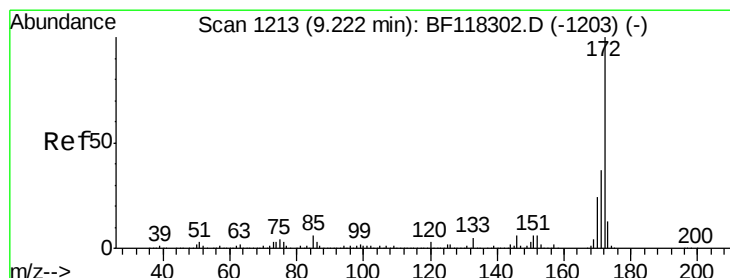
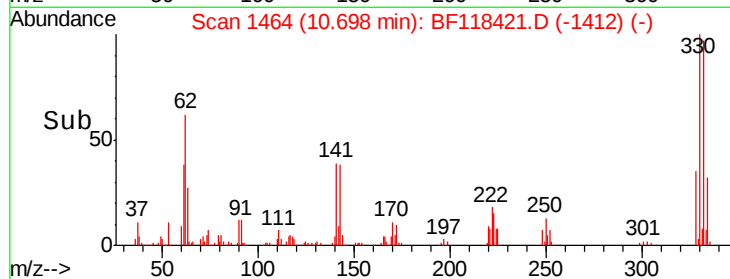
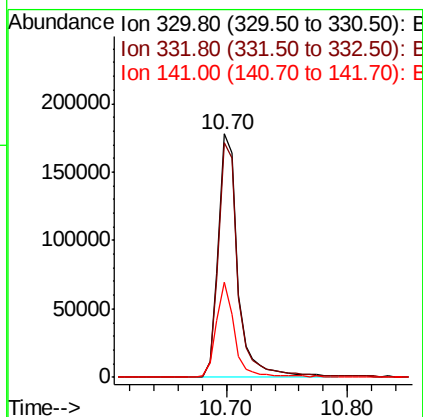
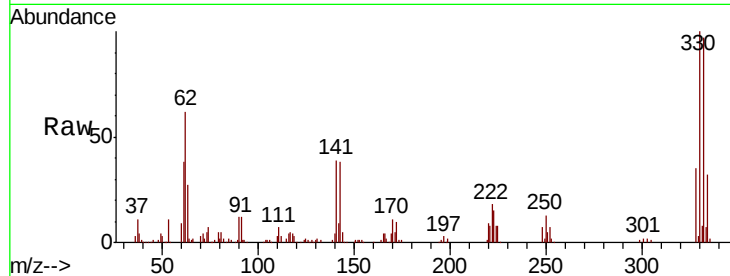




#42
 2,4,6-Tribromophenol
 Concen: 135.127 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118421.D
 Acq: 31 Dec 2019 22:40

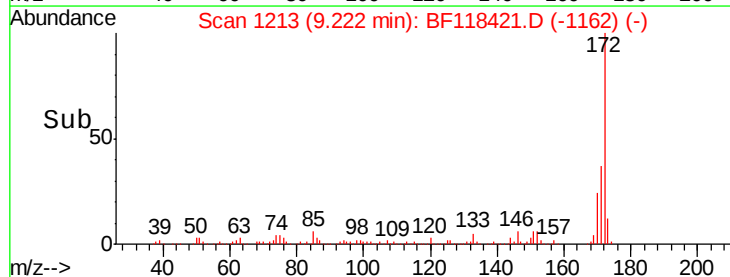
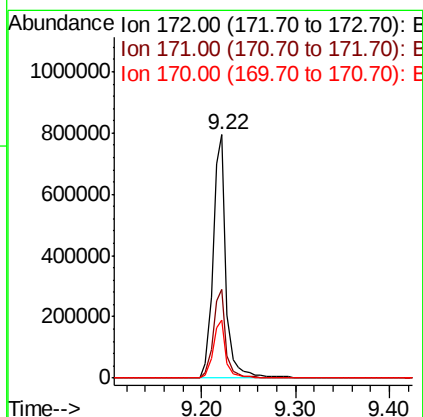
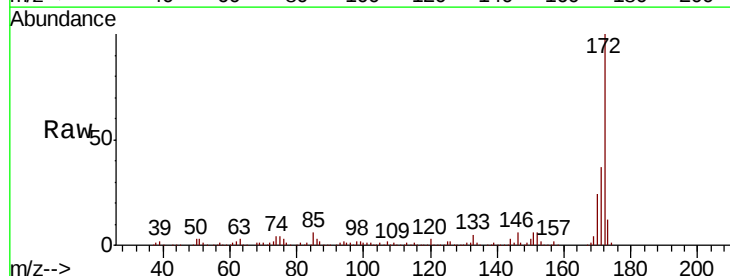
Instrument :
 BNA_F
 ClientSampleId :
 K435-WC-1

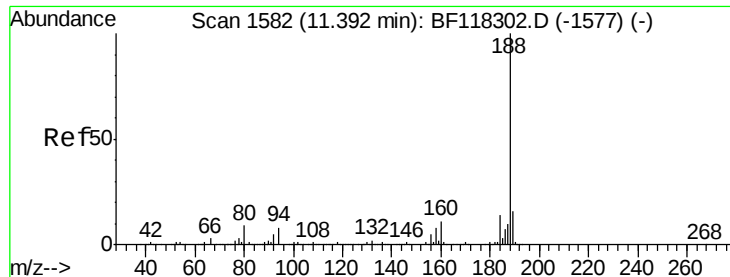
Tot Ion:330 Resp: 199016
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 36.6 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 100.088 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF118421.D
 Acq: 31 Dec 2019 22:40

Tgt Ion:172 Resp: 781988
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 23.7 19.2 28.8

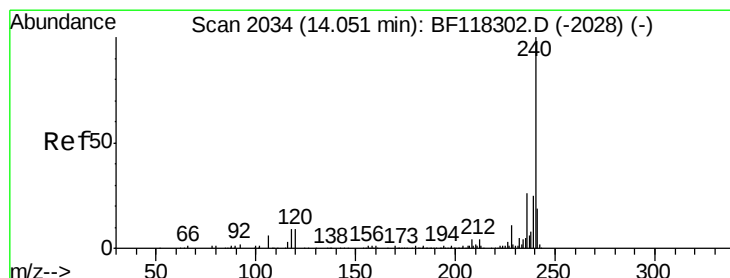
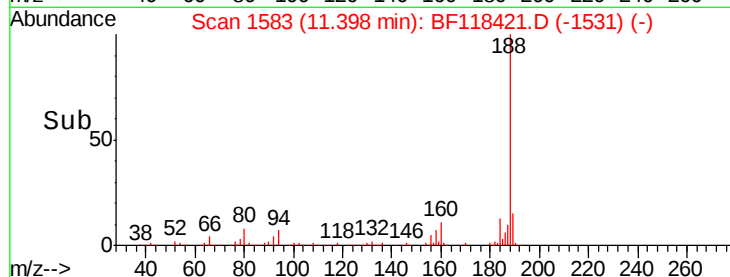
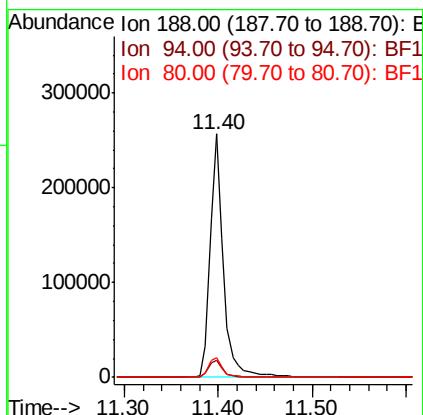
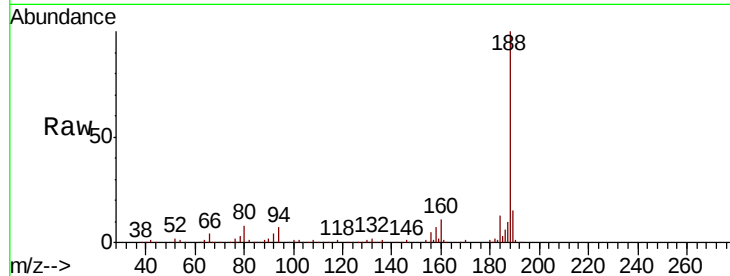




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

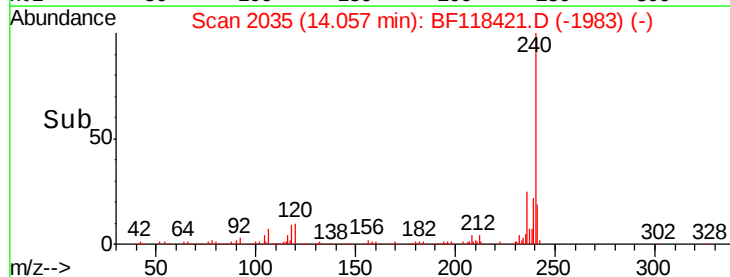
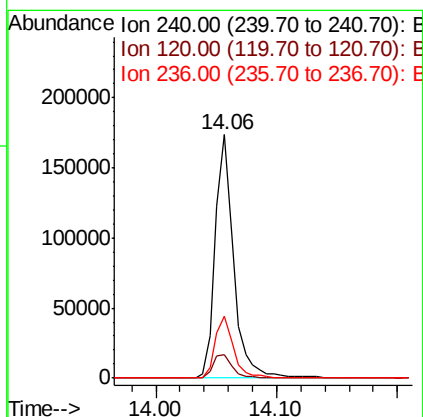
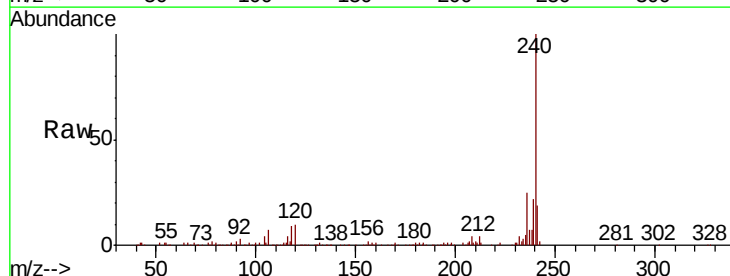
Instrument :
BNA_F
ClientSampleId :
K435-WC-1

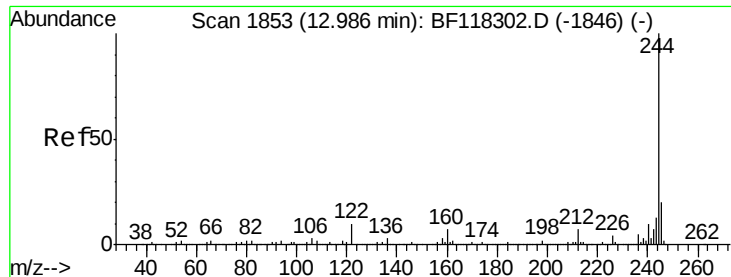
Tot Ion:188 Resp: 256927
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 7.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118421.D
Acq: 31 Dec 2019 22:40

Tgt Ion:240 Resp: 181362
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.2 21.0 31.6





#79

Terphenyl-d14

Concen: 89.127 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118421.D

Acq: 31 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

K435-WC-1

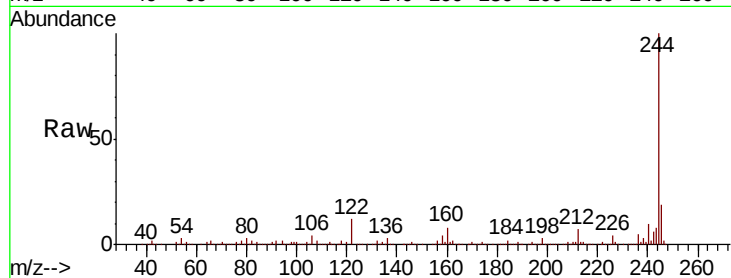
Tot Ion:244 Resp: 974323

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

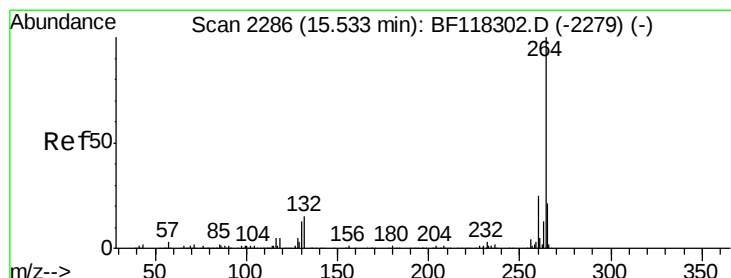
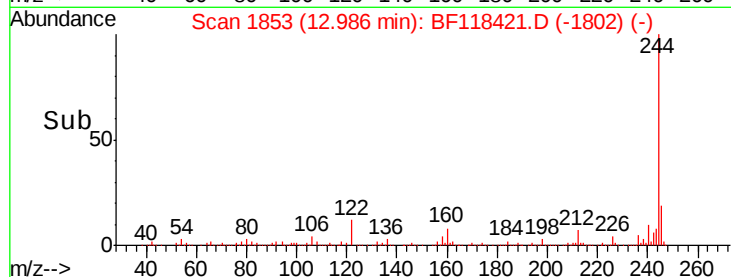
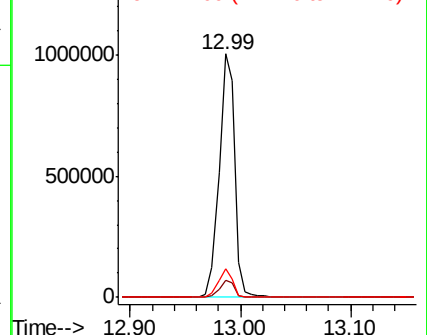
122 11.9 7.8 11.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.02 min

Lab File: BF118421.D

Acq: 31 Dec 2019 22:40

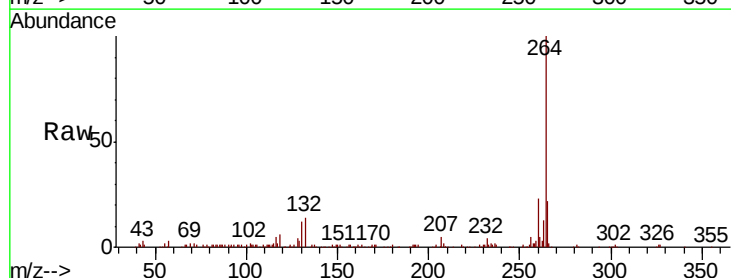
Tgt Ion:264 Resp: 159783

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.6 17.0 25.4



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

