

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118441.D
 Acq On : 2 Jan 2020 17:54
 Operator : JU
 Sample : K6455-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K435-WC-1

Quant Time: Jan 03 03:09:51 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	126944	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	488597	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	243551	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	422371	20.00	ng	0.00
76) Chrysene-d12	14.04	240	266923	20.00	ng	0.00
87) Perylene-d12	15.53	264	278546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	878886	118.18	ng	0.02
7) Phenol-d6	6.49	99	982794	106.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	709864	83.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	359729	119.60	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1413445	88.59	ng	-0.01
79) Terphenyl-d14	12.98	244	1413923	87.88	ng	0.00

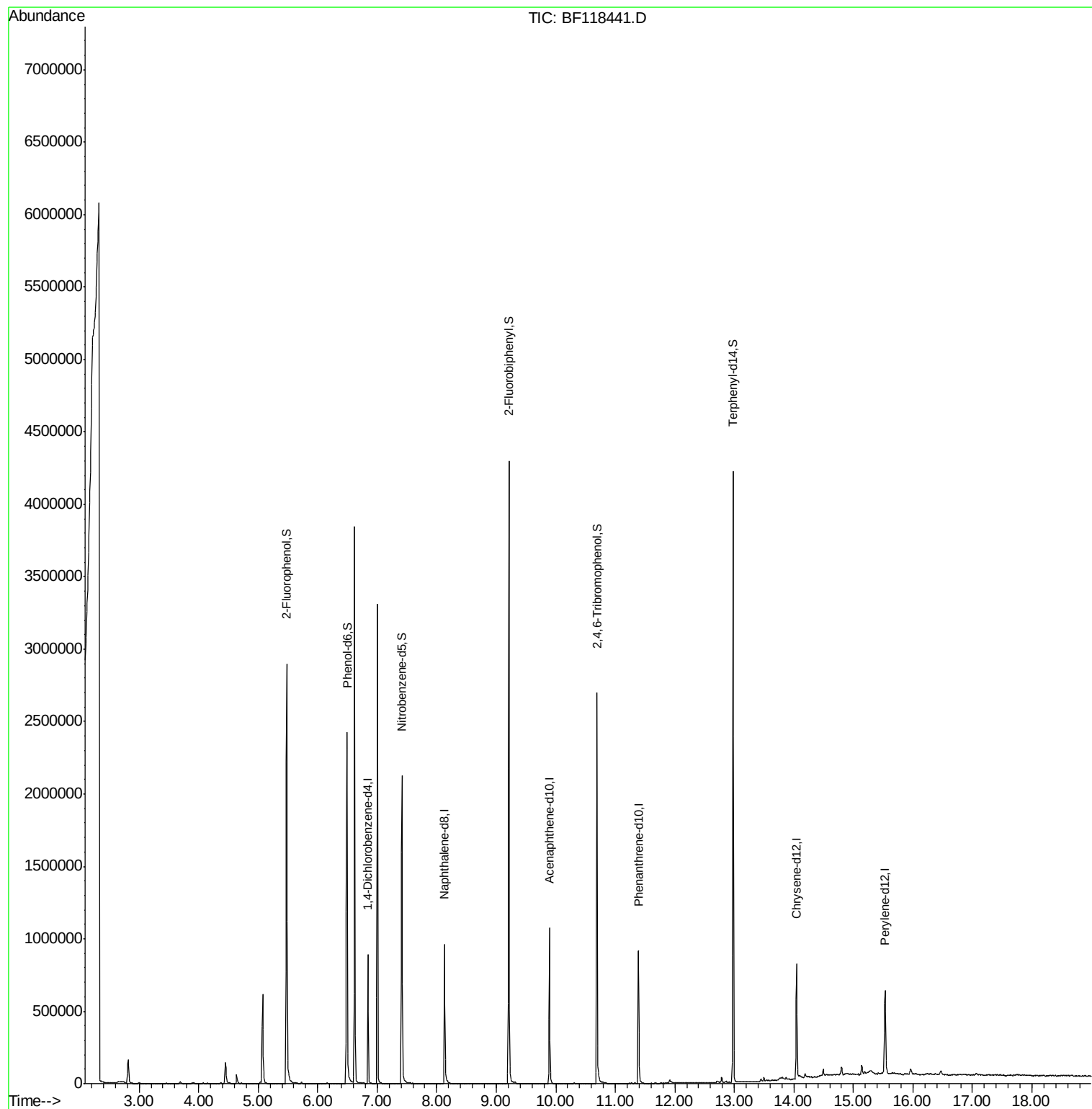
Target Compounds Qvalue

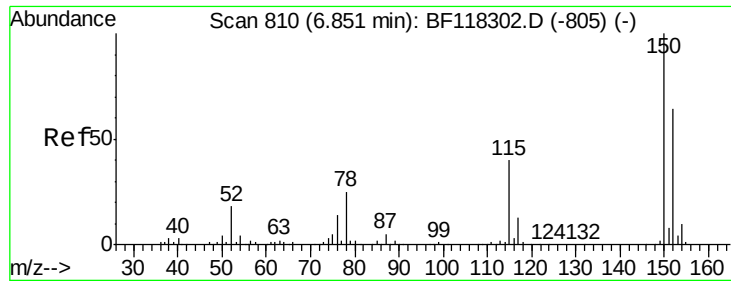
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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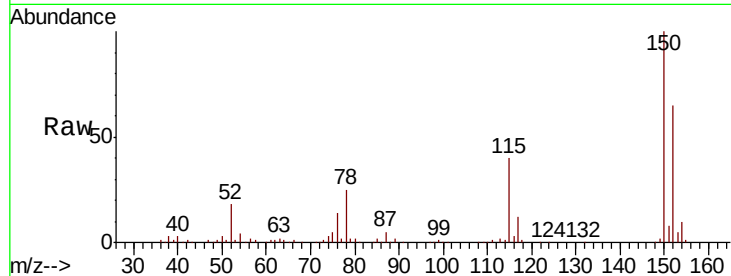


#1

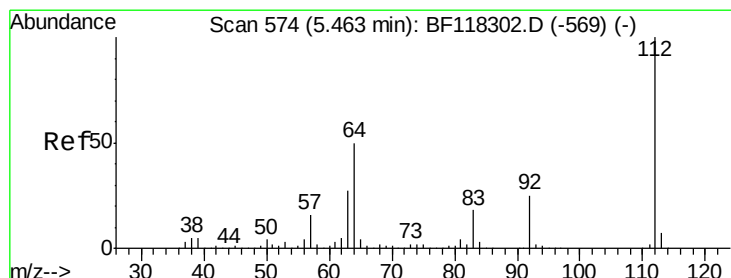
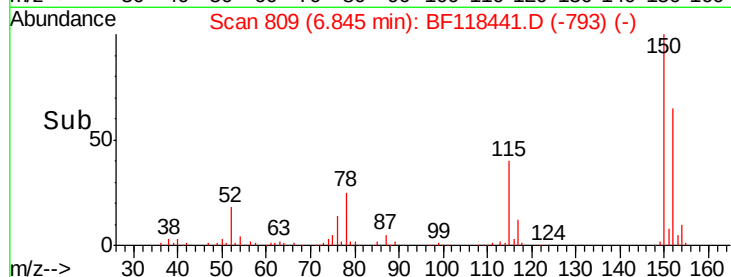
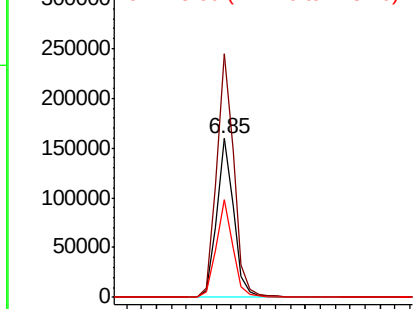
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118441.D
Acq: 2 Jan 2020 17:54

Instrument :
BNA_F
ClientSampleId :
K435-WC-1

Tot Ion:152 Resp: 126944
Ion Ratio Lower Upper
152 100
150 153.3 125.4 188.2
115 61.6 50.2 75.4



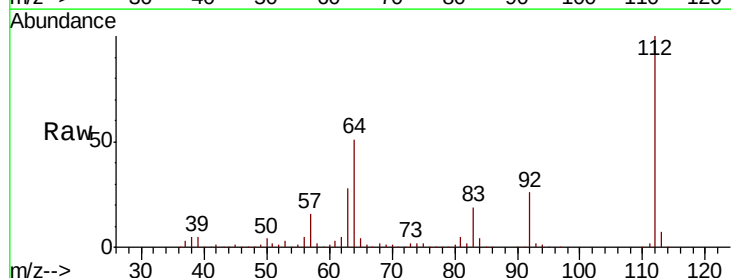
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



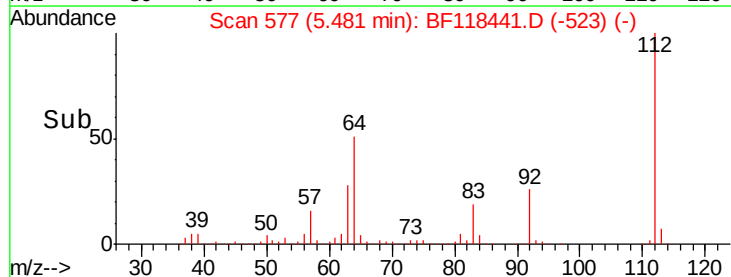
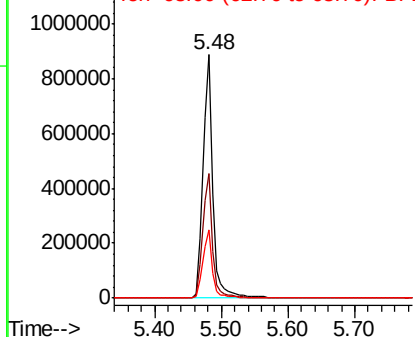
#5

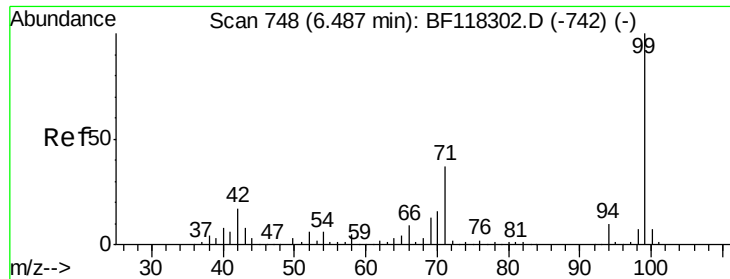
2-Fluorophenol
Concen: 118.182 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118441.D
Acq: 2 Jan 2020 17:54

Tgt Ion:112 Resp: 878886
Ion Ratio Lower Upper
112 100
64 51.1 39.7 59.5
63 27.9 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: 106.531 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118441.D

Acq: 2 Jan 2020 17:54

Instrument :

BNA_F

ClientSampleId :

K435-WC-1

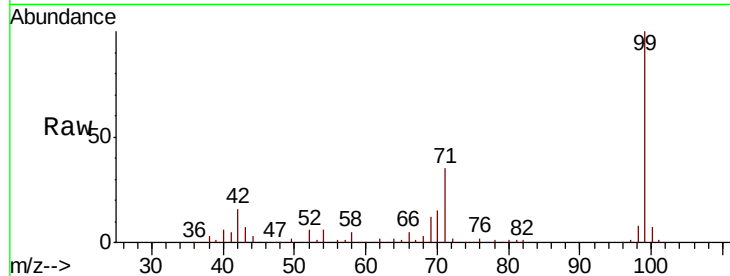
Tot Ion: 99 Resp: 982794

Ion Ratio Lower Upper

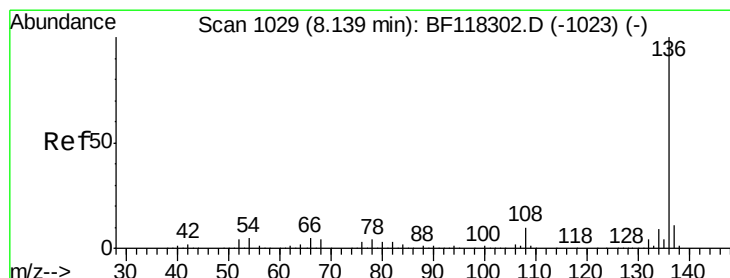
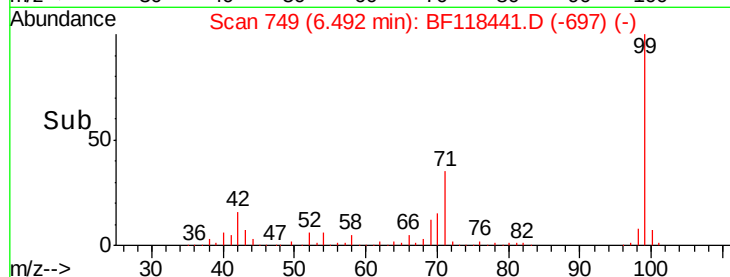
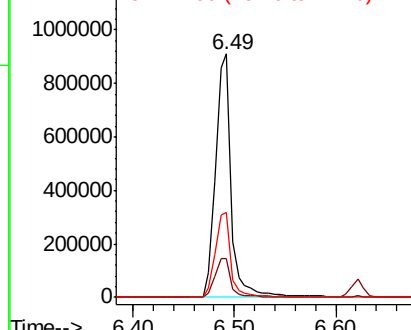
99 100

42 15.7 13.5 20.3

71 35.0 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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118441.D

Acq: 2 Jan 2020 17:54

Tgt Ion: 136 Resp: 488597

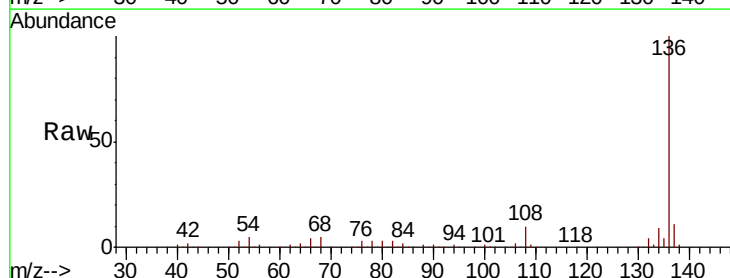
Ion Ratio Lower Upper

136 100

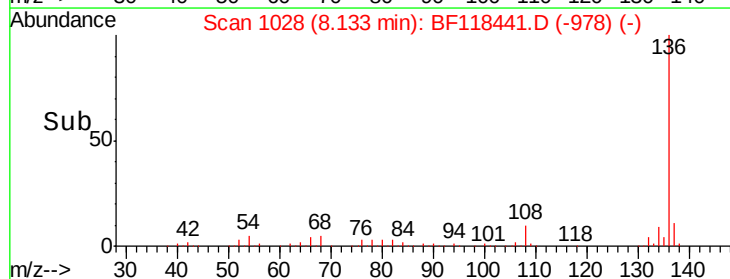
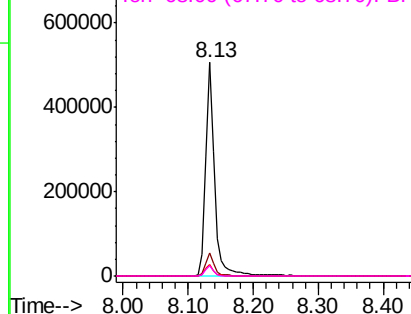
137 10.9 8.9 13.3

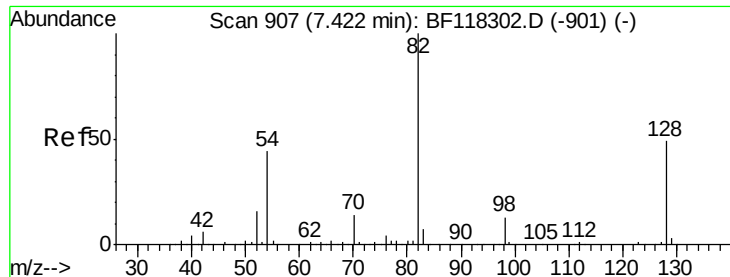
54 5.2 4.2 6.4

68 4.7 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

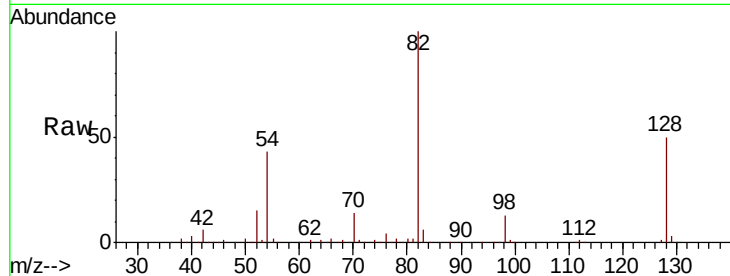




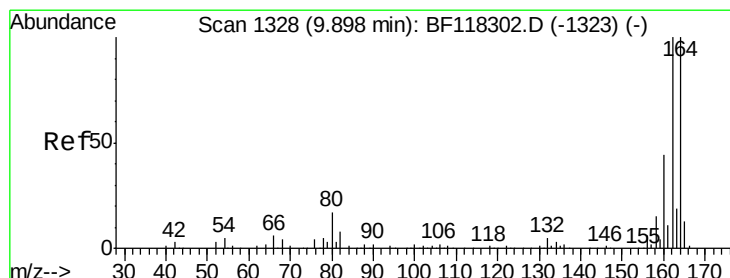
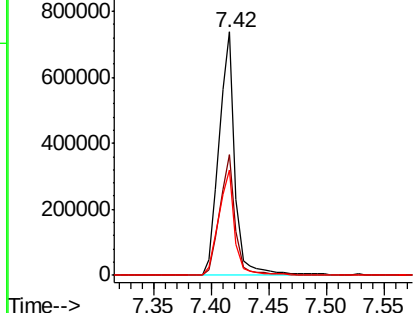
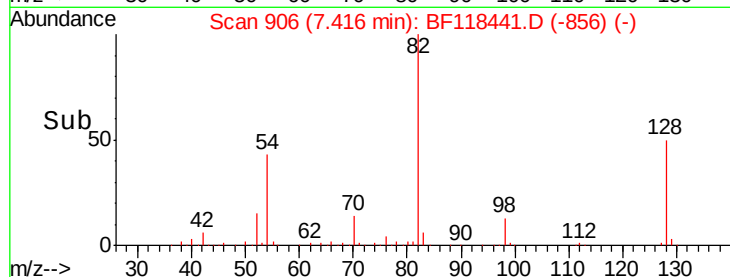
#23
 Nitrobenzene-d5
 Concen: 83.096 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118441.D
 Acq: 2 Jan 2020 17:54

Instrument :
 BNA_F
 ClientSampleID :
 K435-WC-1

Tot Ion	82	Resp	709864
Ion Ratio	100		
Lower	39.6		
Upper	59.4		
128	49.7		
54	43.3		
	34.9		
	52.3		

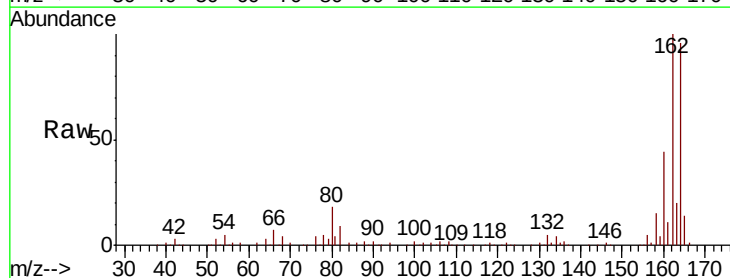


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

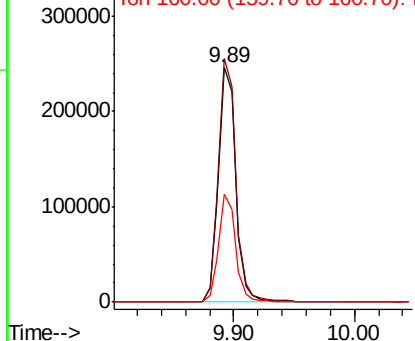
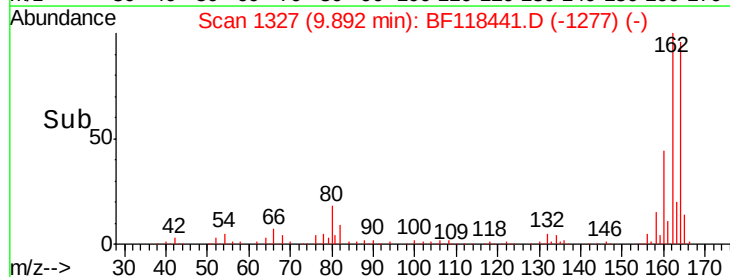


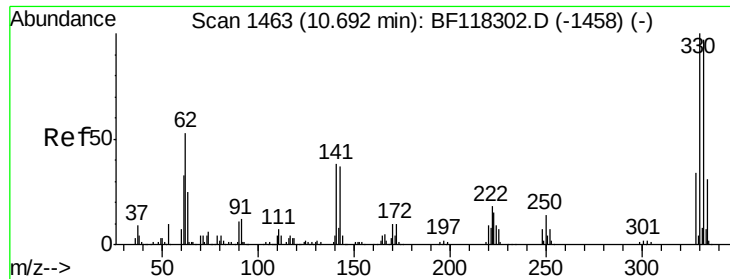
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118441.D
 Acq: 2 Jan 2020 17:54

Tgt Ion	164	Resp	243551
Ion Ratio	100		
Lower	80.0		
Upper	120.0		
162	103.9		
160	46.0		
	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

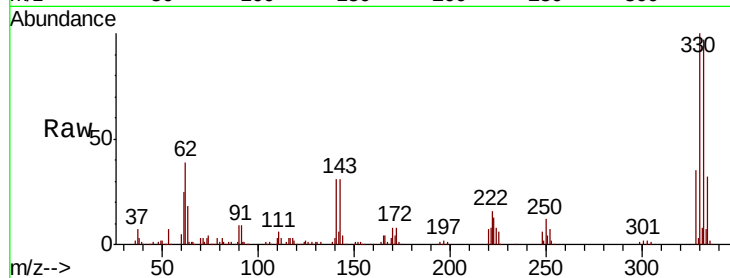




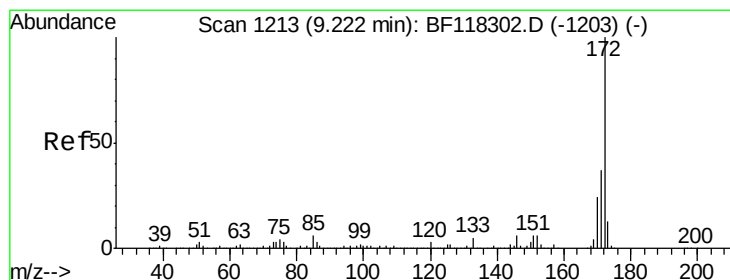
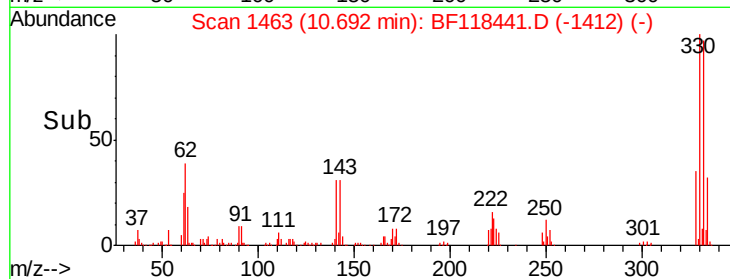
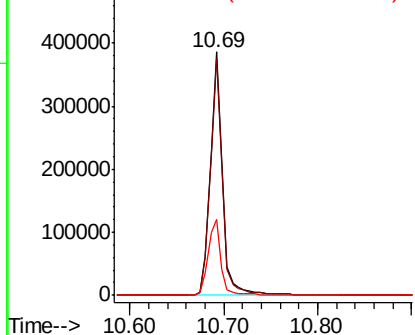
#42
 2,4,6-Tribromophenol
 Concen: 119.604 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118441.D
 Acq: 2 Jan 2020 17:54

Instrument :
 BNA_F
 ClientSampleId :
 K435-WC-1

Tot Ion:330 Resp: 359729
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 32.5 26.0 39.0

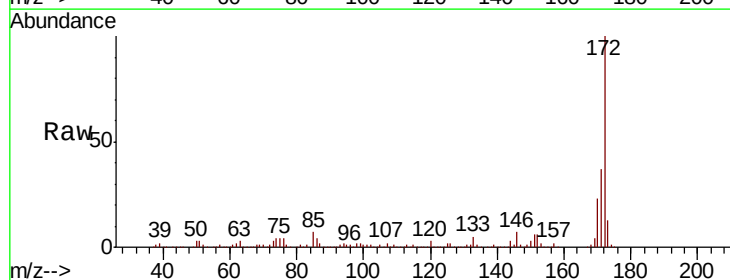


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

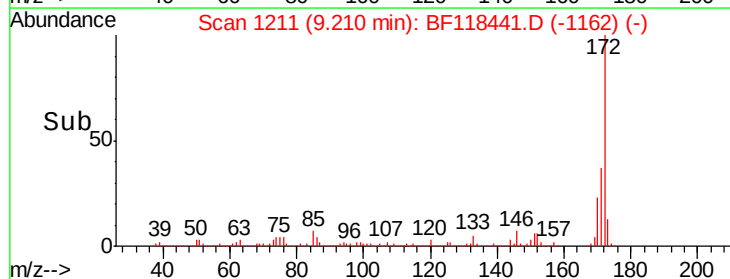
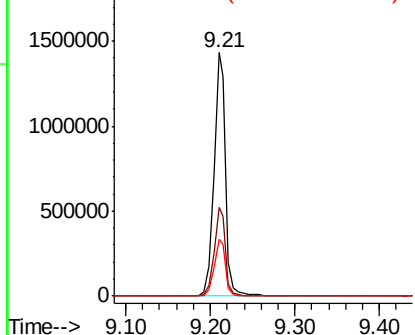


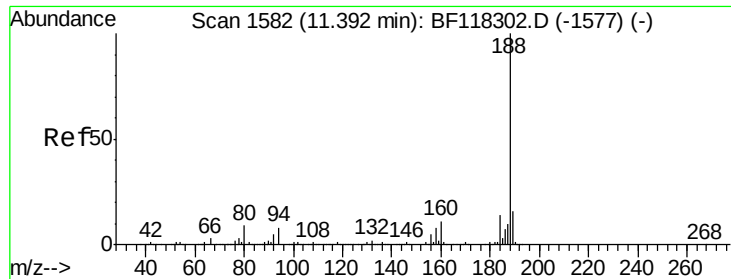
#45
 2-Fluorobiphenyl
 Concen: 88.589 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118441.D
 Acq: 2 Jan 2020 17:54

Tgt Ion:172 Resp: 1413445
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 23.2 19.2 28.8



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

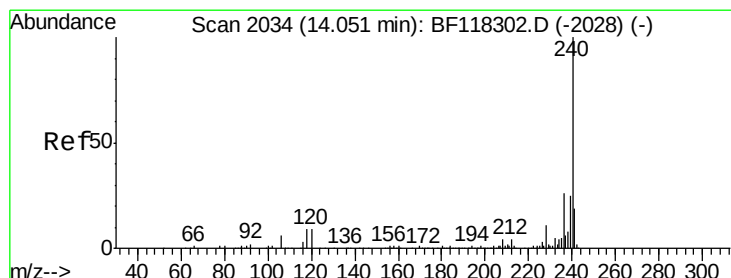
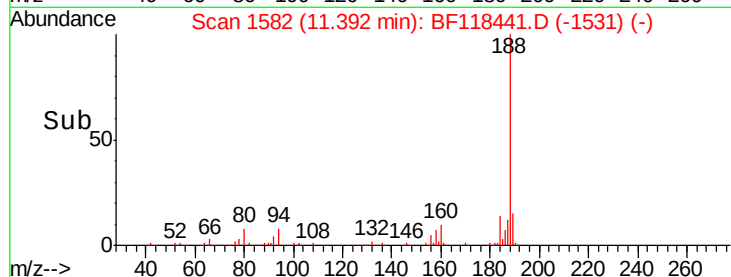
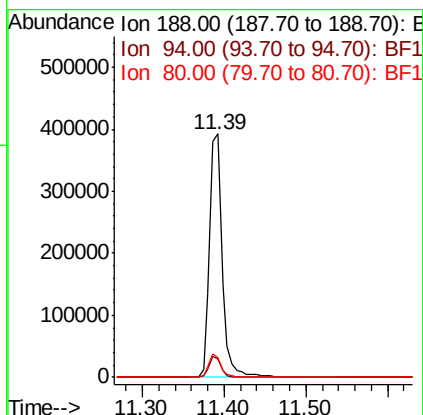
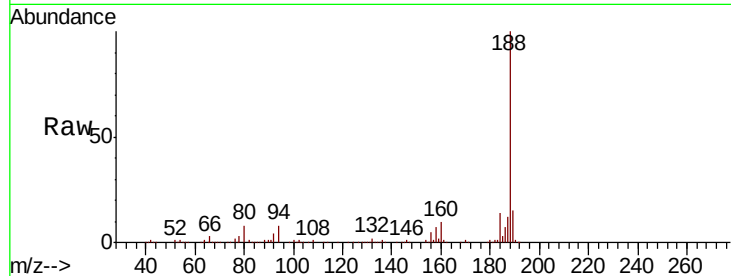




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118441.D
Acq: 2 Jan 2020 17:54

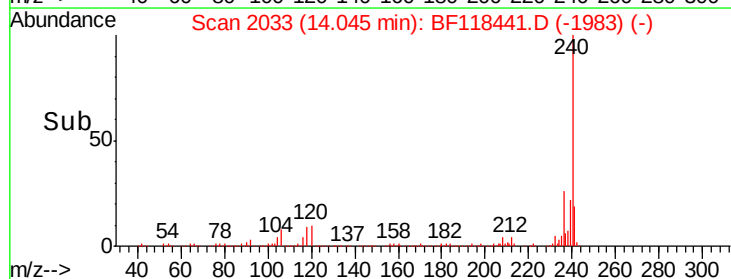
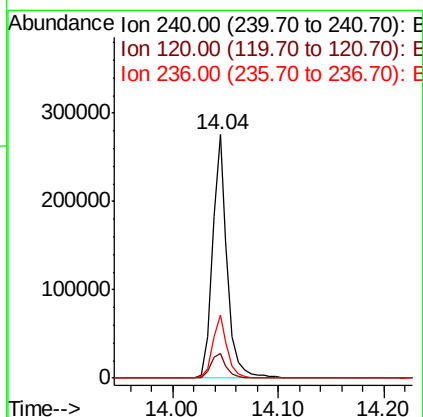
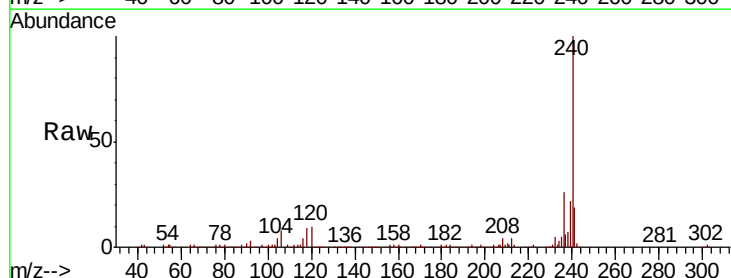
Instrument :
BNA_F
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K435-WC-1

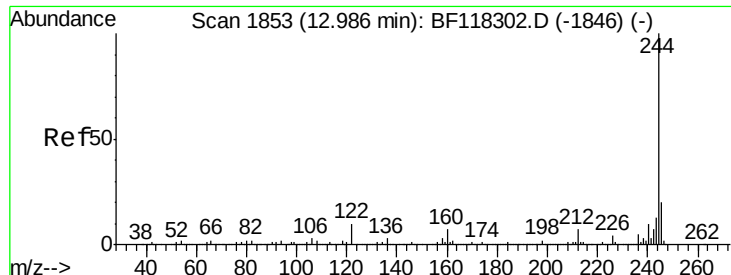
Tot Ion:188 Resp: 422371
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118441.D
Acq: 2 Jan 2020 17:54

Tgt Ion:240 Resp: 266923
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 87.881 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118441.D

Acq: 2 Jan 2020 17:54

Instrument :

BNA_F

ClientSampleId :

K435-WC-1

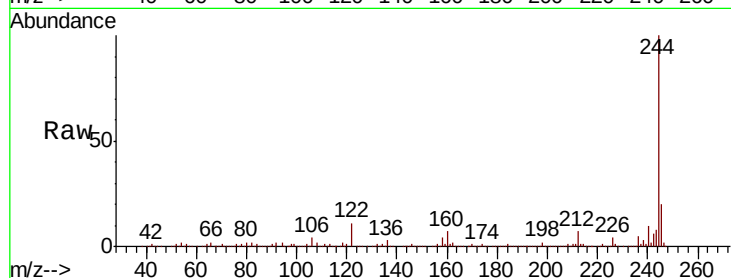
Tot Ion:244 Resp: 1413923

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

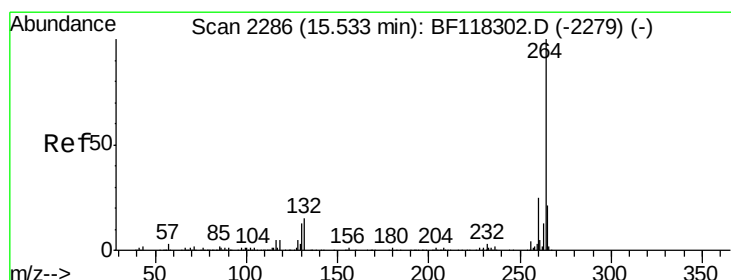
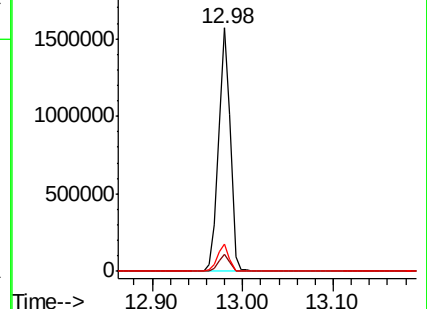
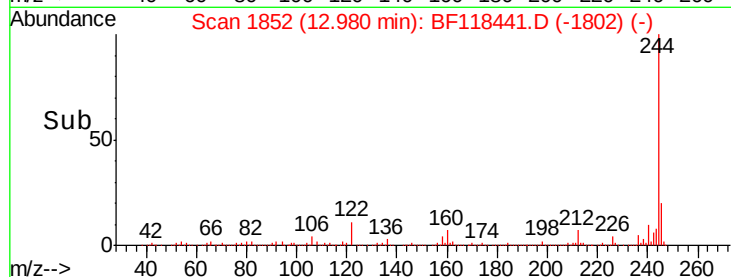
122 11.3 7.8 11.8



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: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF118441.D

Acq: 2 Jan 2020 17:54

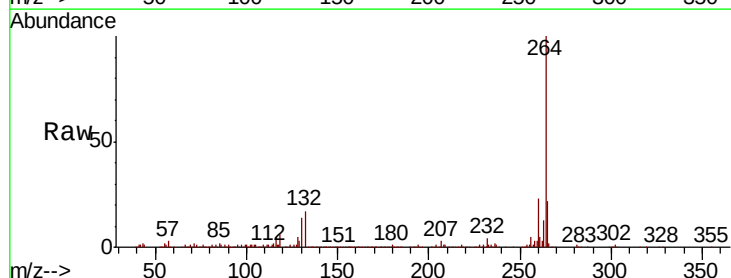
Tgt Ion:264 Resp: 278546

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.7 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

