

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119272.D
 Acq On : 7 Mar 2020 2:03
 Operator : CG/JU
 Sample : L1804-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20C093-20C006

Quant Time: Mar 09 04:15:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	87654	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	342590	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	192023	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	348619	20.00	ng	0.00
76) Chrysene-d12	13.88	240	263224	20.00	ng	0.00
87) Perylene-d12	15.31	264	255646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	215226	41.03	ng	0.00
7) Phenol-d6	6.37	99	302124	47.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	208149	32.08	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	69166	27.53	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	456226	35.00	ng	0.00
79) Terphenyl-d14	12.82	244	536416	35.09	ng	0.00

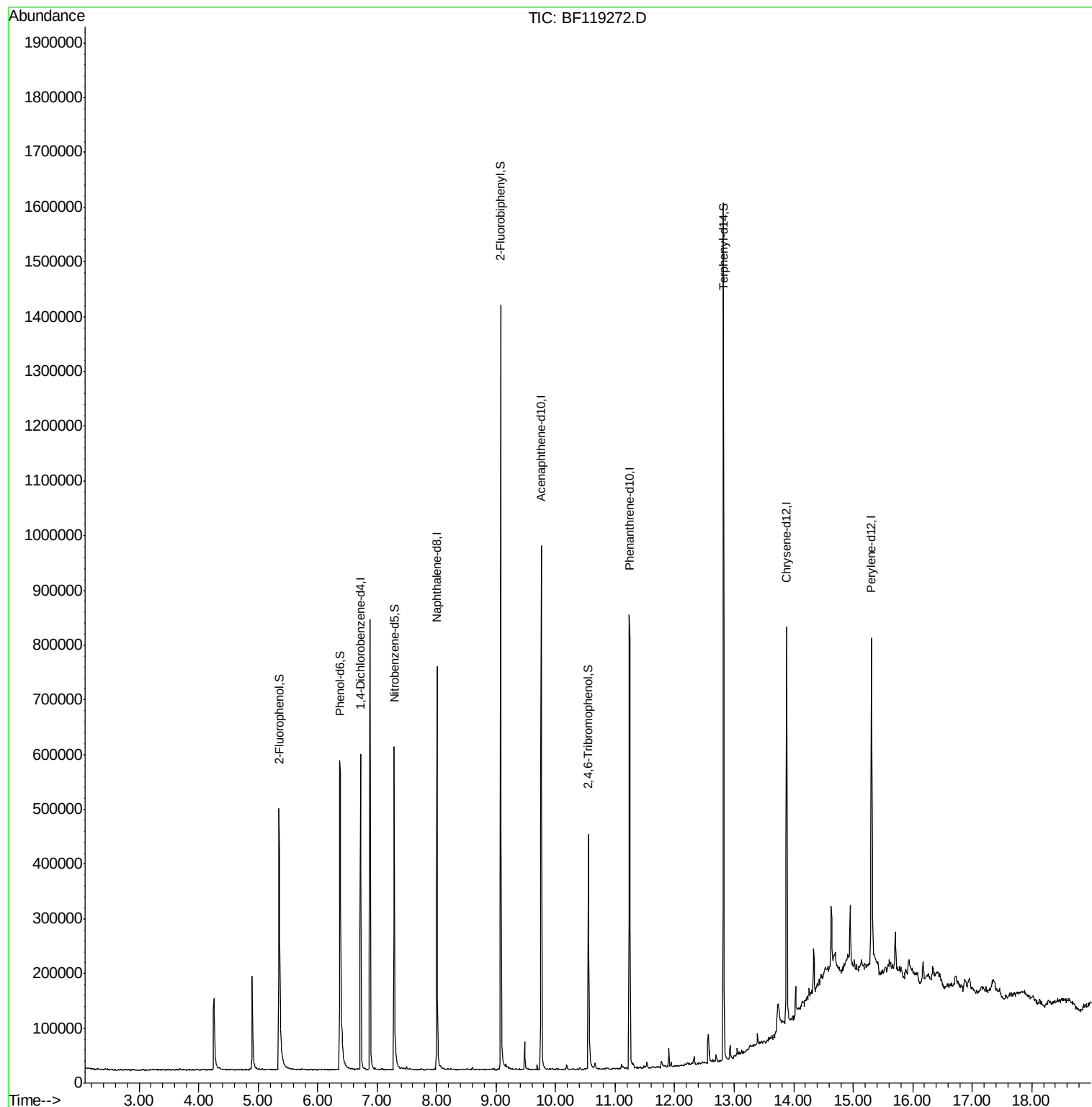
Target Compounds Qvalue

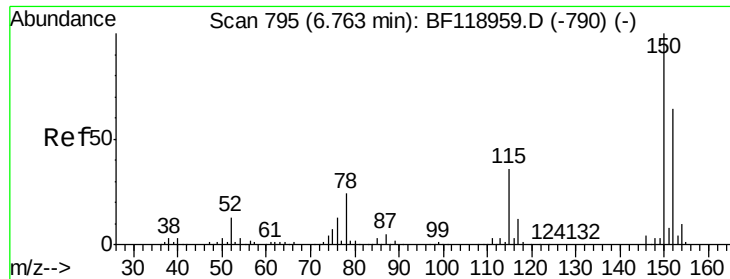
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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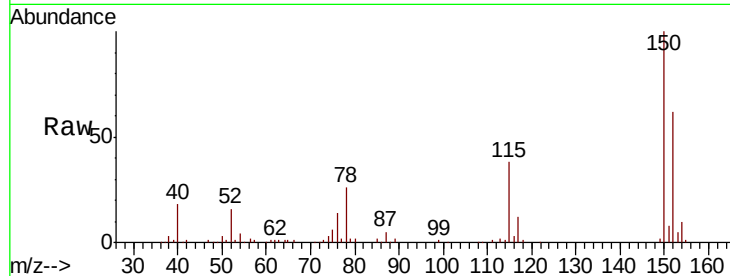


#1

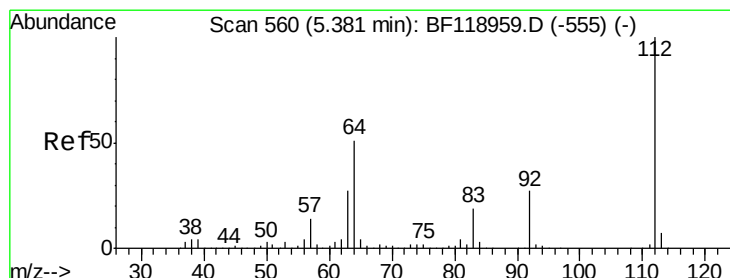
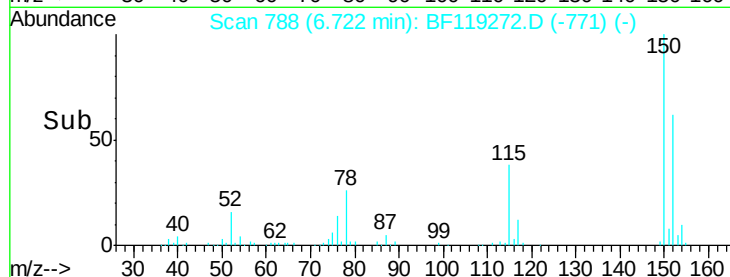
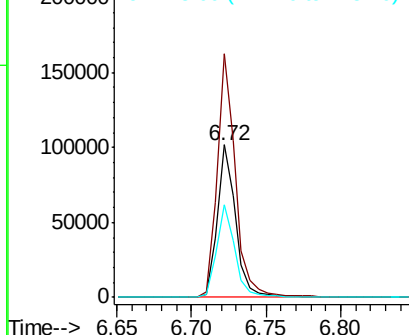
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

Instrument :
BNA_F
ClientSampleId :
20C093-20C006

Tot Ion:152 Resp: 87654
Ion Ratio Lower Upper
152 100
150 160.0 123.0 184.6
115 60.7 49.5 74.3



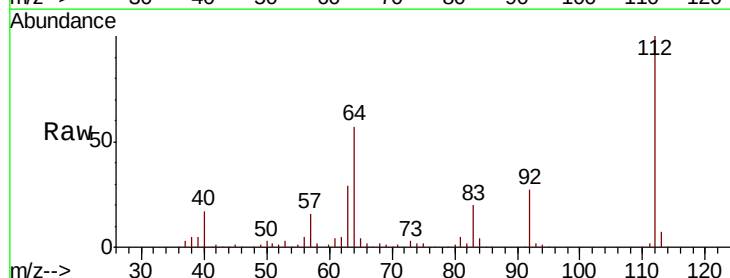
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



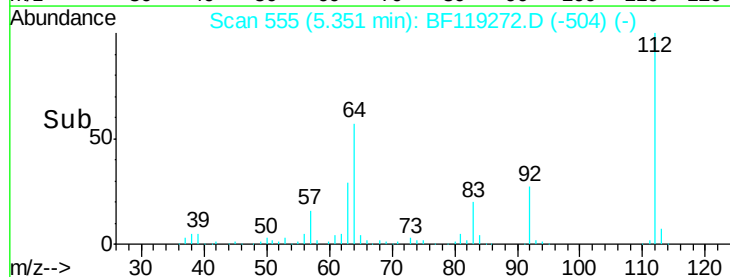
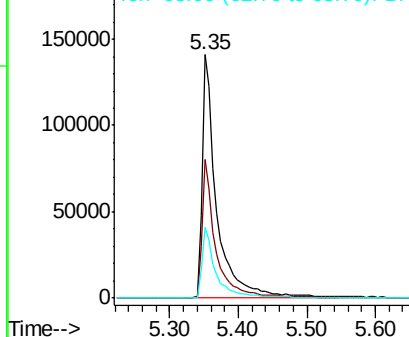
#5

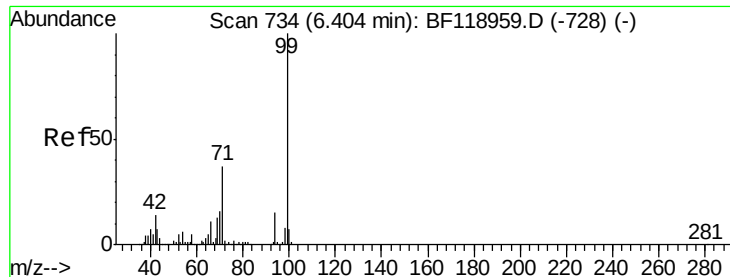
2-Fluorophenol
Concen: 41.034 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

Tgt Ion:112 Resp: 215226
Ion Ratio Lower Upper
112 100
64 56.8 45.0 67.4
63 29.1 24.2 36.4



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: 47.363 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

Instrument :

BNA_F

ClientSampleId :

20C093-20C006

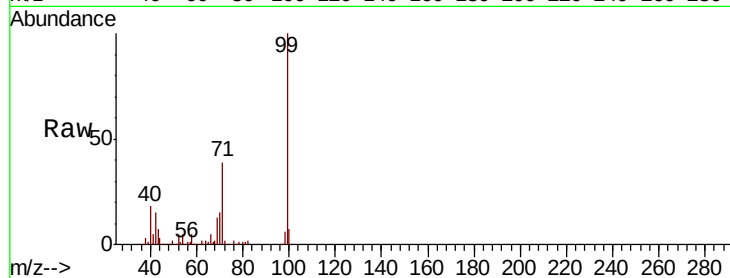
Tot Ion: 99 Resp: 302124

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

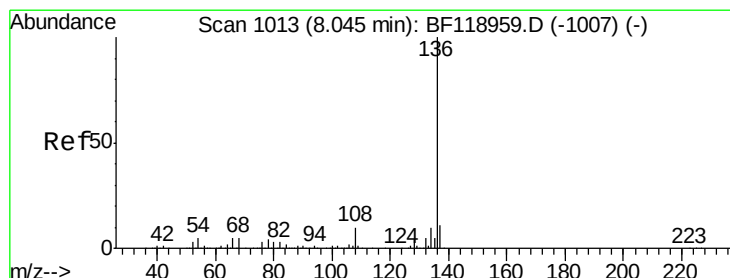
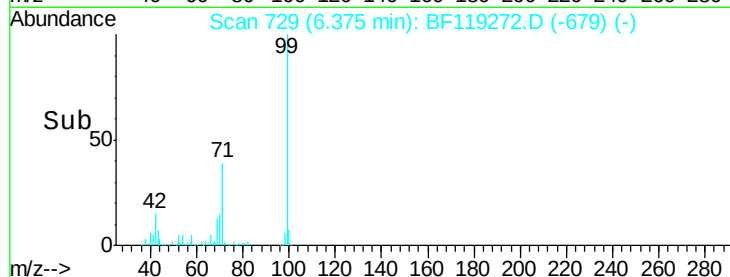
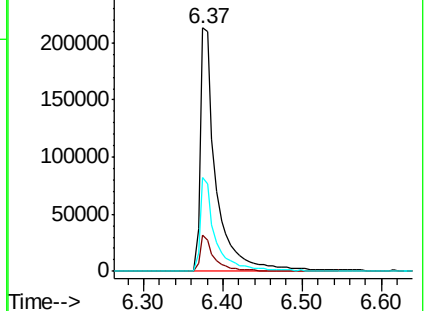
71 38.8 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

Tgt Ion: 136 Resp: 342590

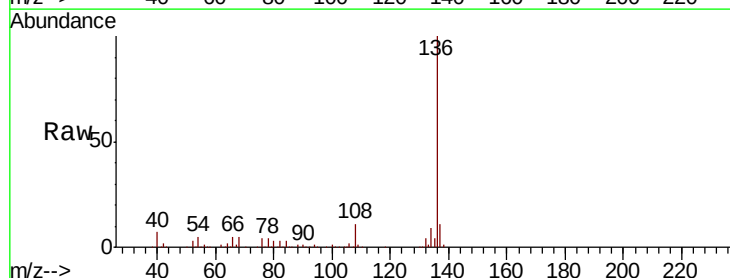
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.1 3.8 5.6

68 4.9 3.9 5.9

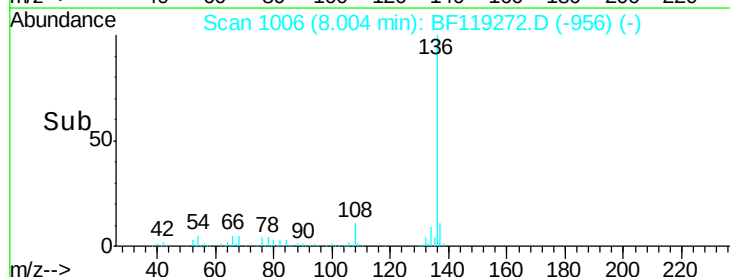
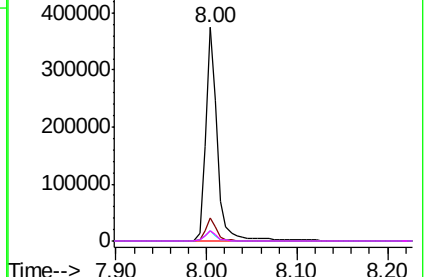


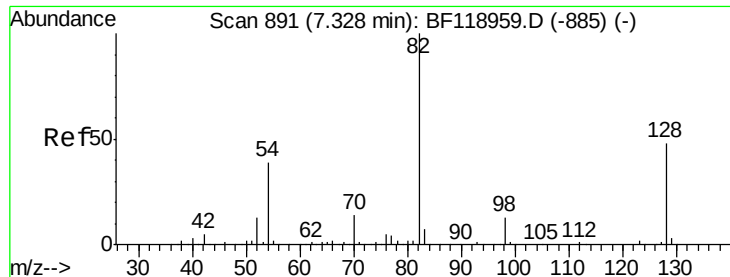
Abundance Ion 136.00 (135.70 to 136.70): E

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

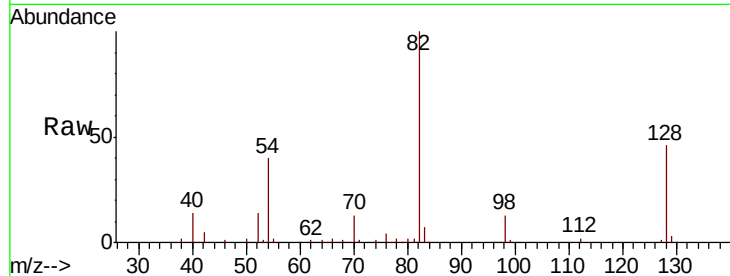




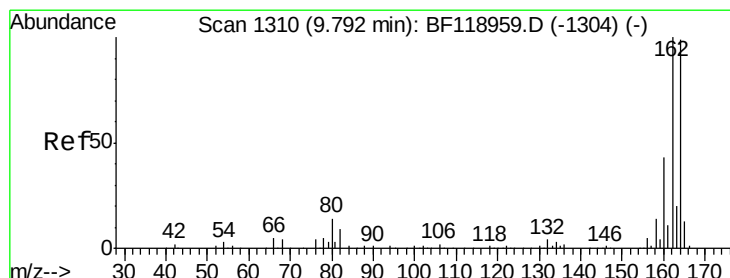
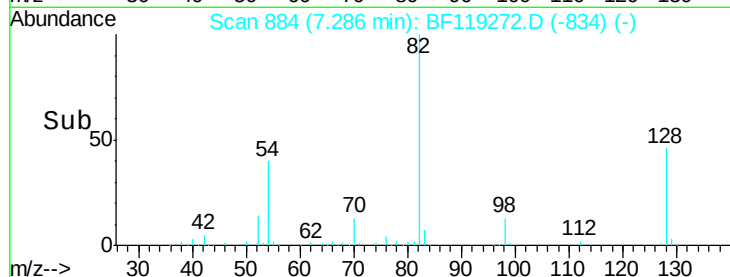
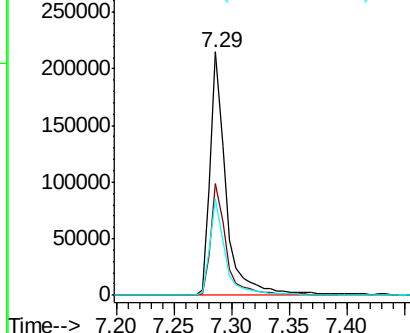
#23
 Nitrobenzene-d5
 Concen: 32.080 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Instrument :
 BNA_F
 ClientSampleId :
 20C093-20C006

Tot Ion	82	Resp	208149
Ion Ratio	Lower	Upper	
82	100		
128	46.0	37.9	56.9
54	39.5	33.4	50.2

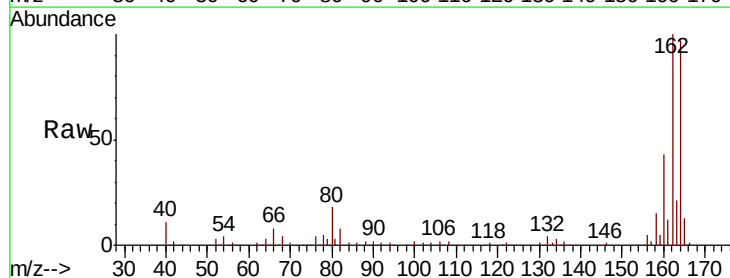


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

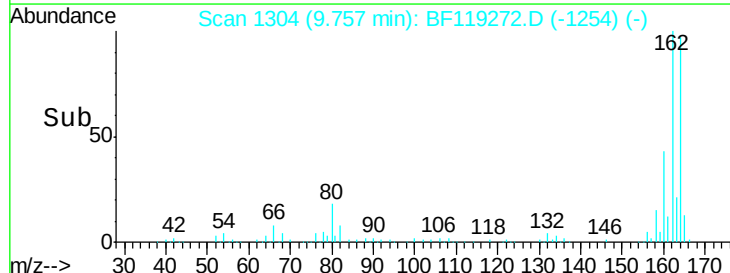
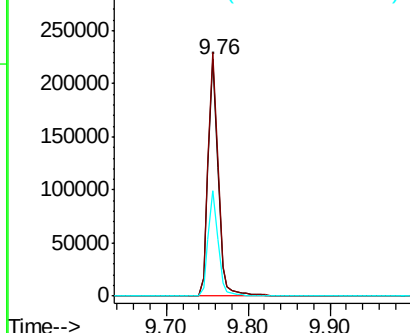


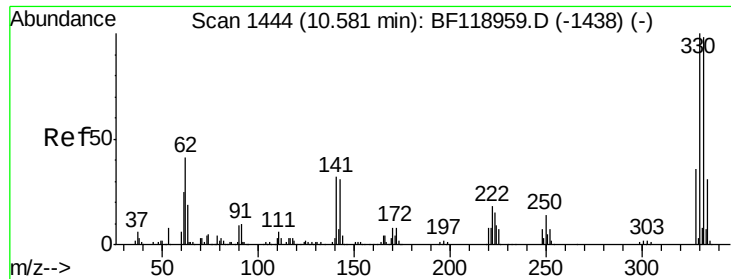
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Tgt Ion	164	Resp	192023
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.8	122.8
160	44.3	36.0	54.0



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

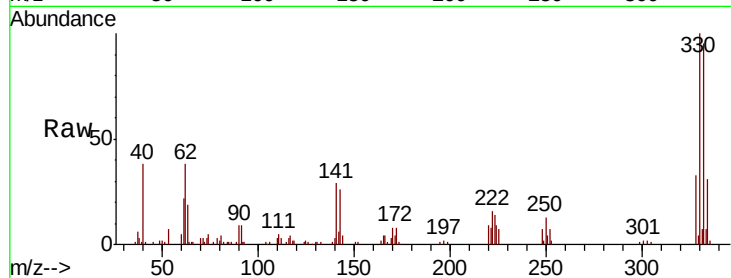




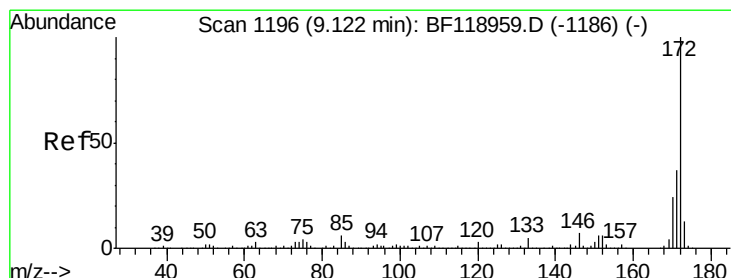
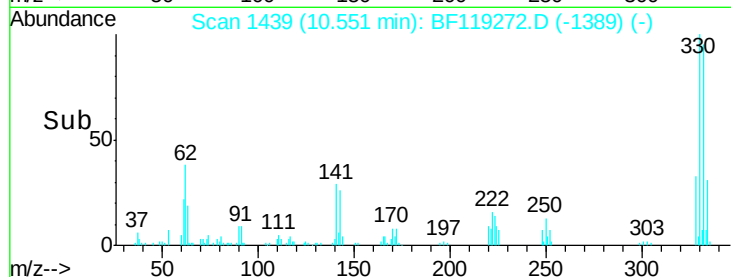
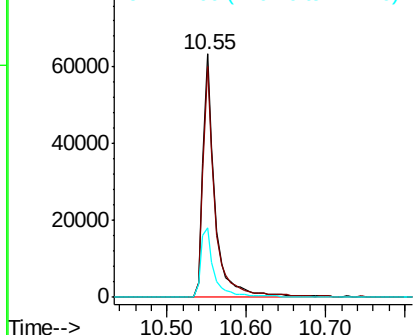
#42
 2,4,6-Tribromophenol
 Concen: 27.534 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Instrument :
 BNA_F
 ClientSampleId :
 20C093-20C006

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	31.5	22.9	34.3

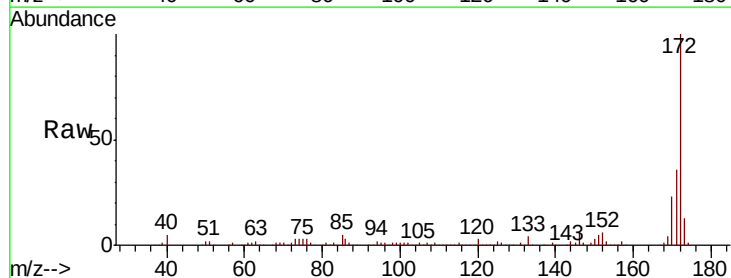


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

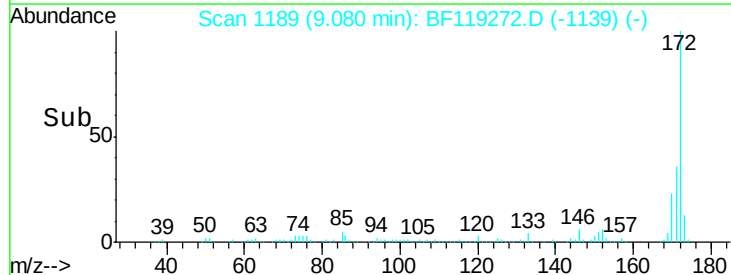
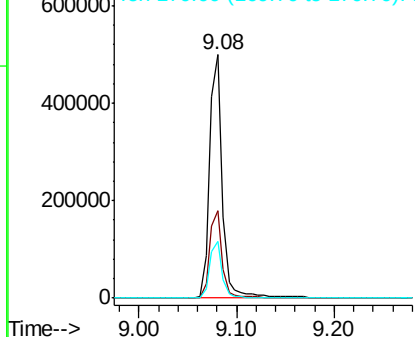


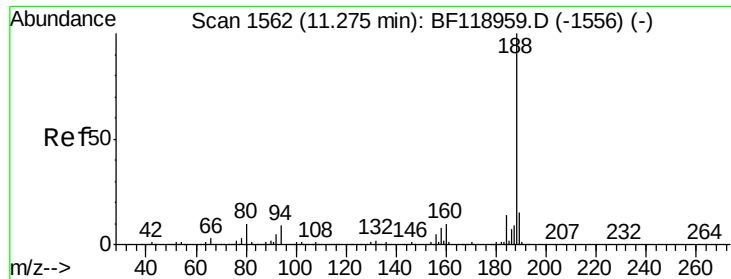
#45
 2-Fluorobiphenyl
 Concen: 35.001 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119272.D
 Acq: 7 Mar 2020 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.6	45.8
170	23.4	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

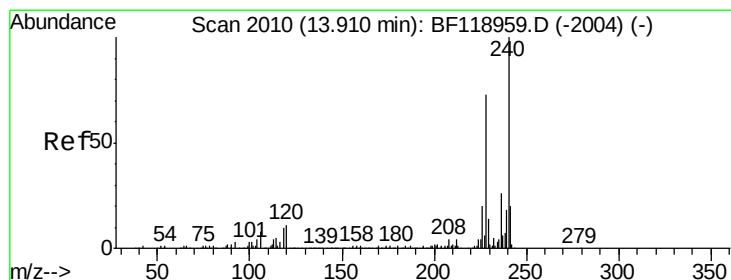
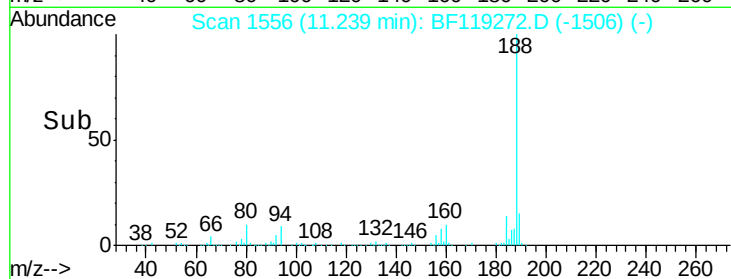
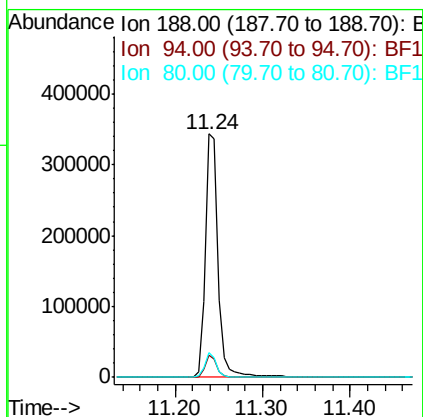
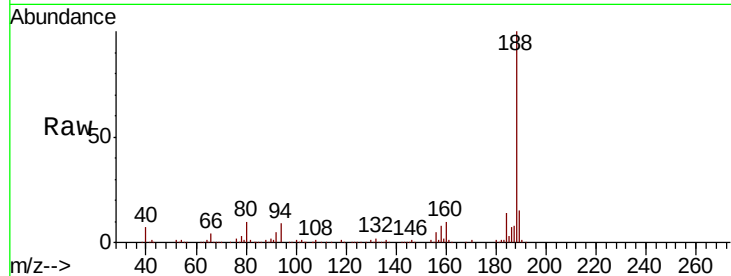




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

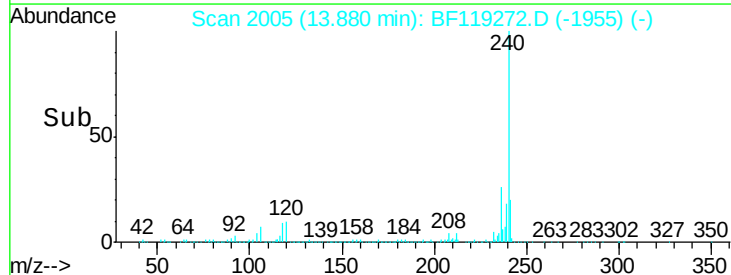
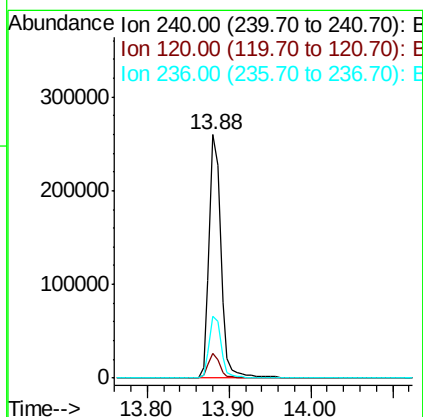
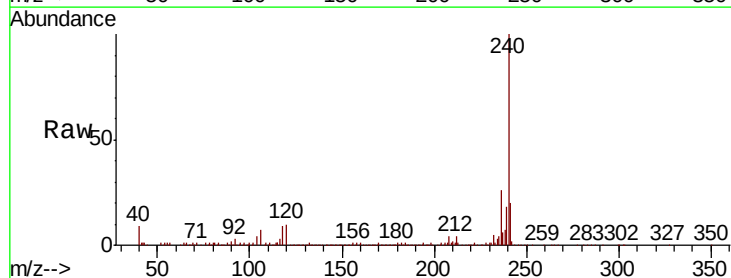
Instrument :
BNA_F
ClientSampleId :
20C093-20C006

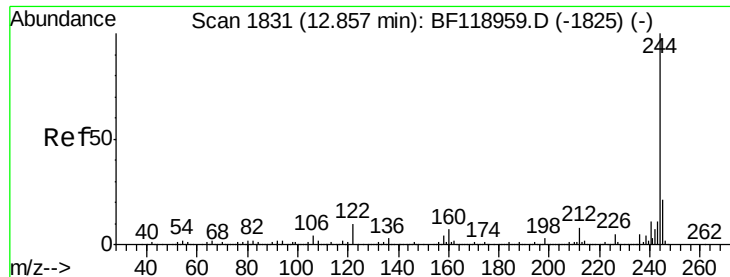
Tot Ion:188 Resp: 348619
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.4 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119272.D
Acq: 7 Mar 2020 2:03

Tgt Ion:240 Resp: 263224
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 35.085 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

Instrument :

BNA_F

ClientSampleId :

20C093-20C006

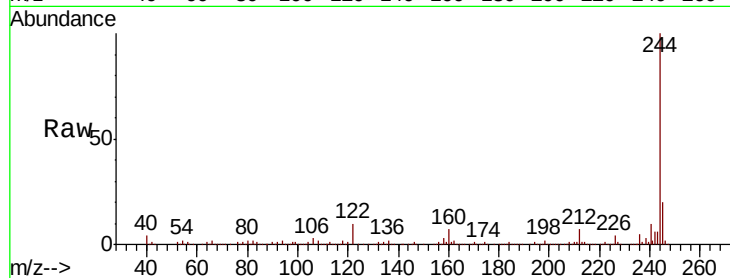
Tot Ion:244 Resp: 536416

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

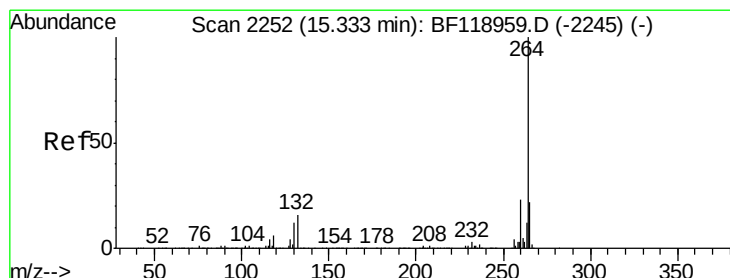
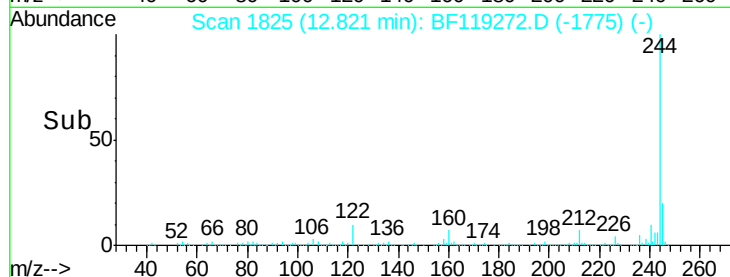
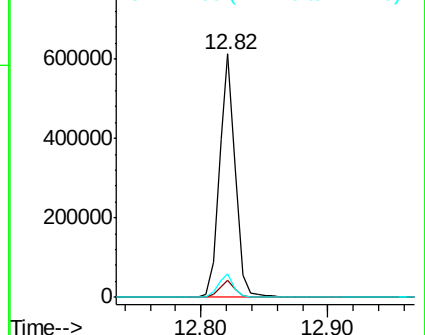
122 9.6 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF119272.D

Acq: 7 Mar 2020 2:03

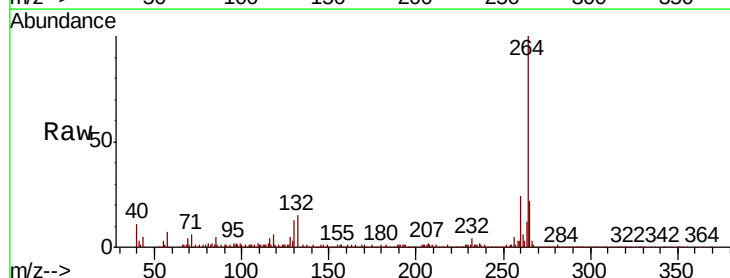
Tgt Ion:264 Resp: 255646

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.7 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

