

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114796.D
 Acq On : 4 Jun 2019 17:41
 Operator : HP/JU
 Sample : K2641-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-A

Quant Time: Jun 05 04:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173385	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	667093	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	329124	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	671331	20.00	ng	0.00
76) Chrysene-d12	13.78	240	595131	20.00	ng	-0.01
87) Perylene-d12	15.16	264	634752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1147692	115.66	ng	0.00
7) Phenol-d6	6.29	99	1246035	103.20	ng	-0.01
23) Nitrobenzene-d5	7.22	82	957149	88.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	477958	134.76	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1867755	106.31	ng	0.00
79) Terphenyl-d14	12.75	244	2332806	76.23	ng	0.00

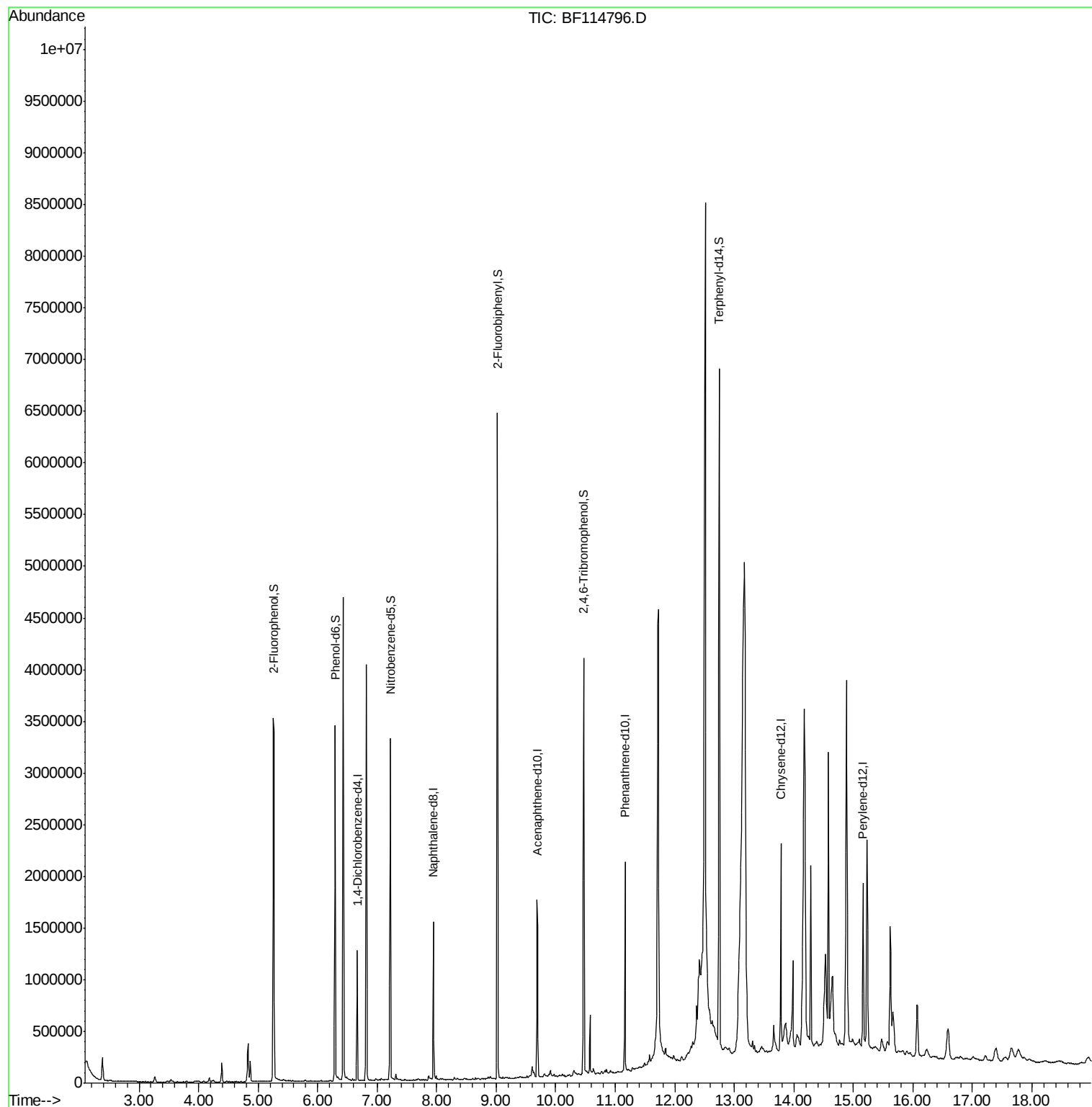
Target Compounds Qvalue

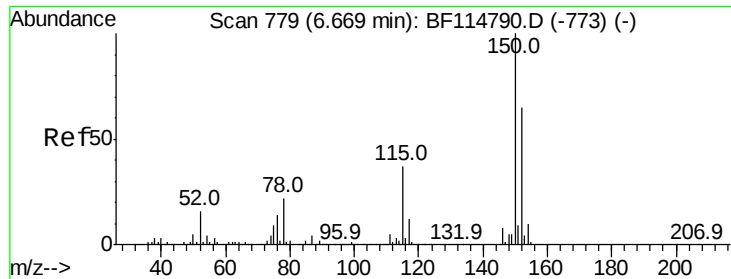
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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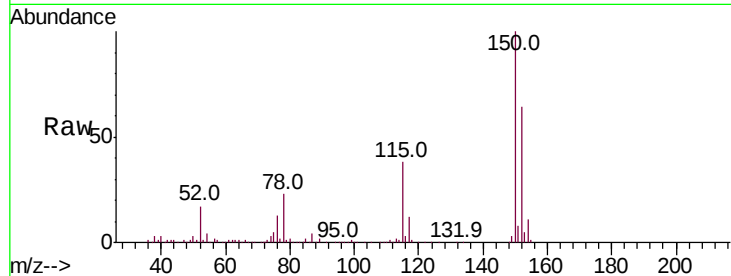


#1

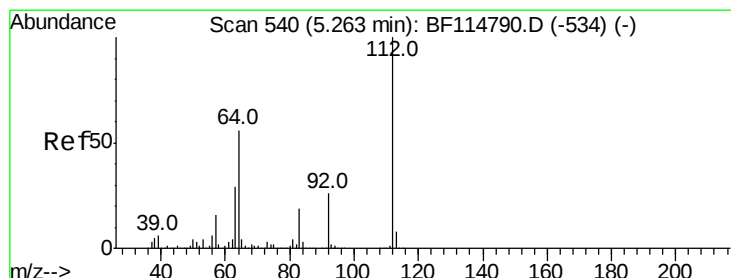
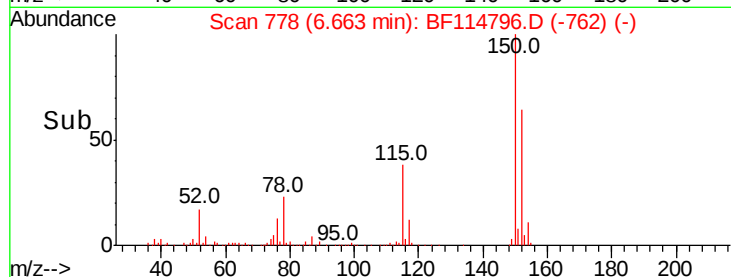
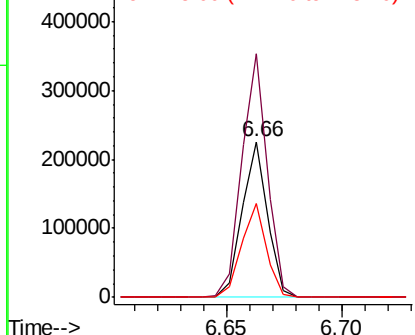
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114796.D
Acq: 4 Jun 2019 17:41

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-A

Tot Ion:152 Resp: 173385
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 60.0 46.3 69.5



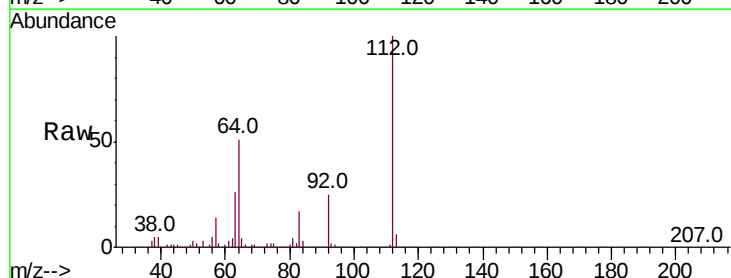
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



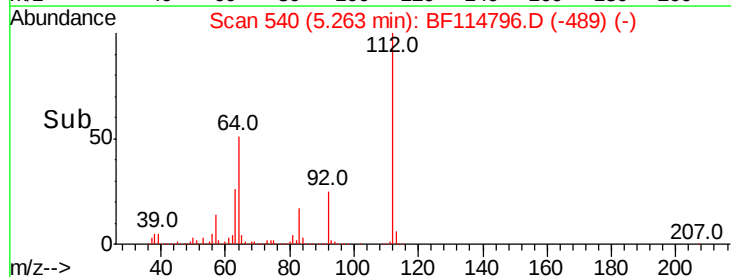
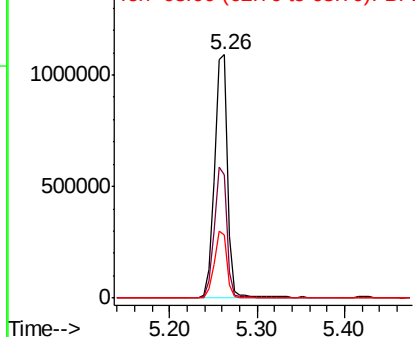
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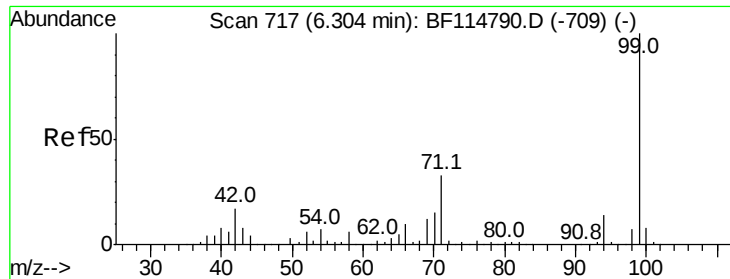
2-Fluorophenol
Concen: 115.663 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114796.D
Acq: 4 Jun 2019 17:41

Tgt Ion:112 Resp: 1147692
Ion Ratio Lower Upper
112 100
64 50.8 44.6 66.8
63 25.8 23.0 34.4



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: 103.200 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114796.D

Acq: 4 Jun 2019 17:41

Instrument :

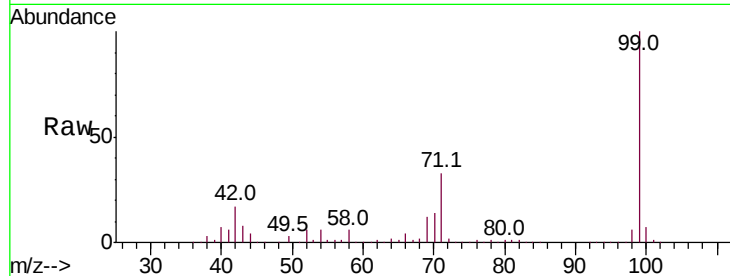
BNA_F

ClientSampleId :

CL-02-053119-A

Tot Ion: 99 Resp: 1246035

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.3	19.9
71	32.8	26.3	39.5

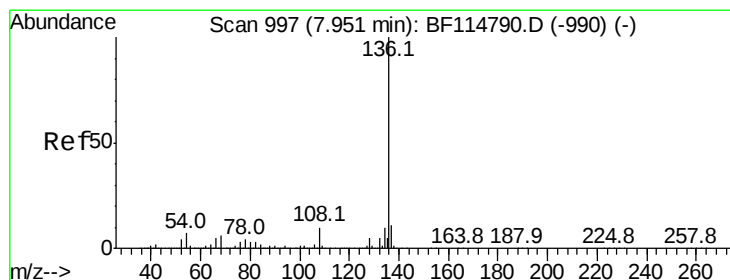
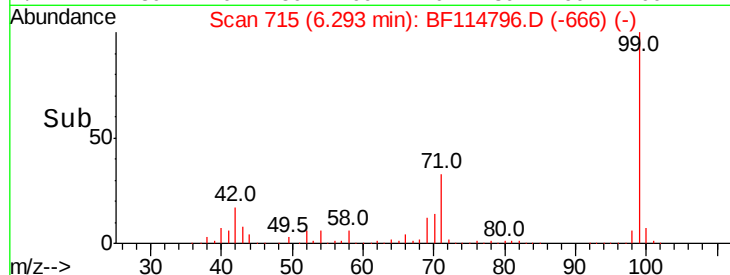
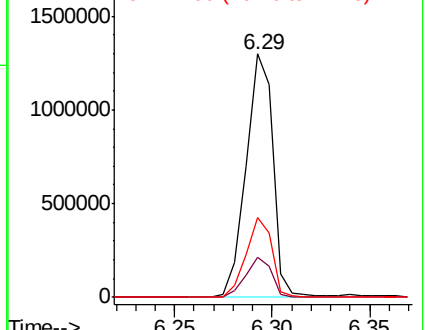


Abundance

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: 7.95 min Scan# 996

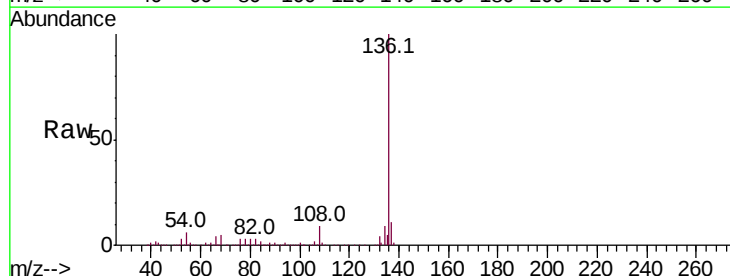
Delta R.T. -0.01 min

Lab File: BF114796.D

Acq: 4 Jun 2019 17:41

Tgt Ion: 136 Resp: 667093

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	5.8	5.4	8.0
68	5.3	4.6	6.8



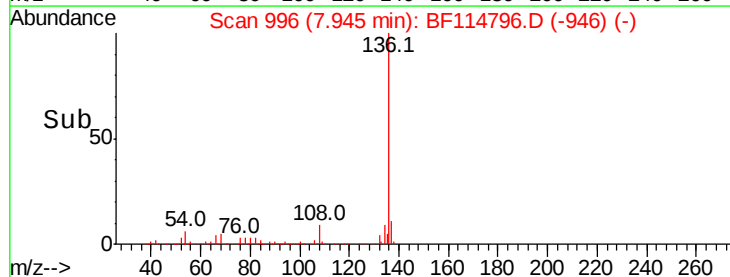
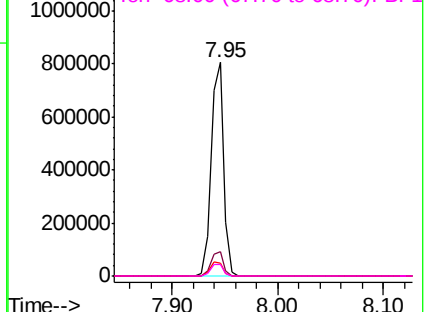
Abundance

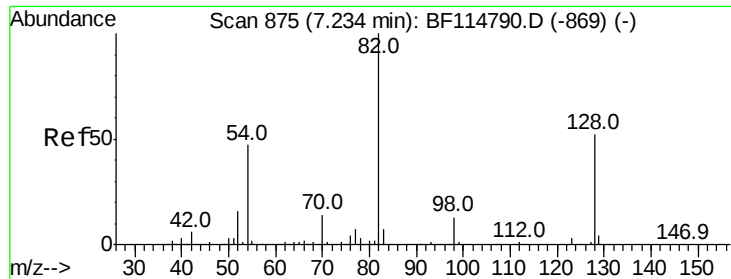
Ion 136.00 (135.70 to 136.70): E

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

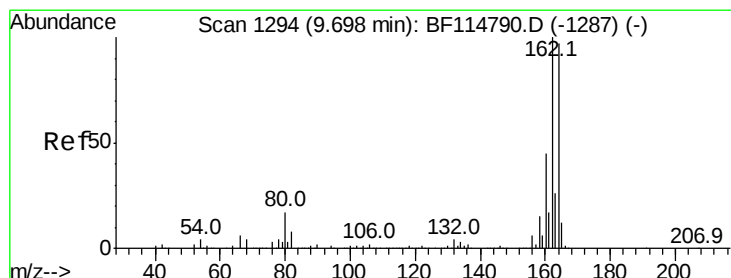
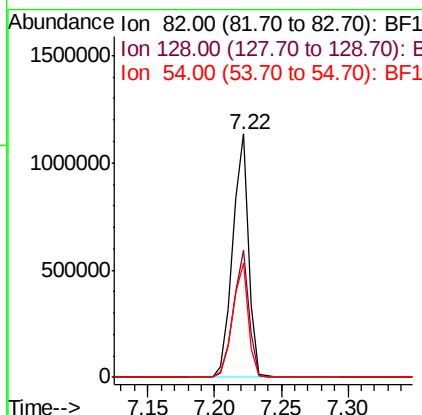
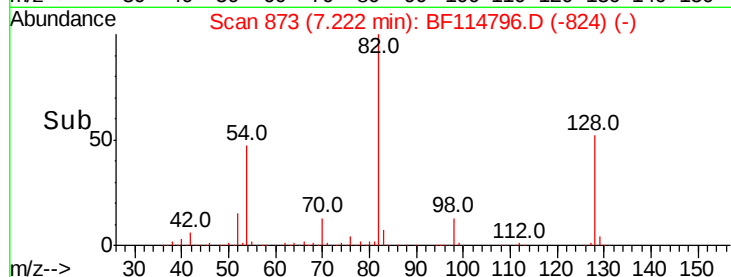
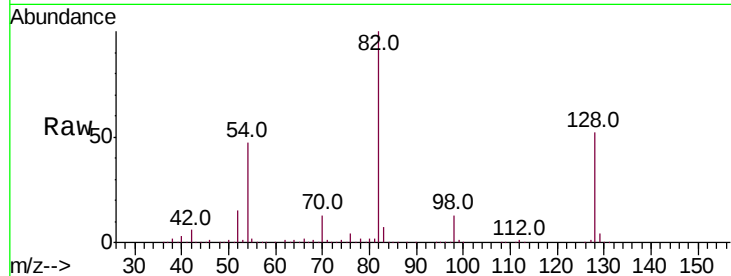




#23
Nitrobenzene-d5
Concen: 88.324 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114796.D
Acq: 4 Jun 2019 17:41

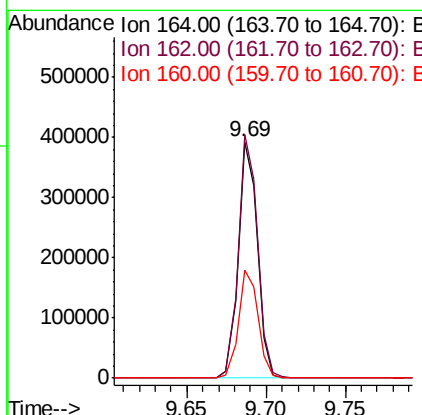
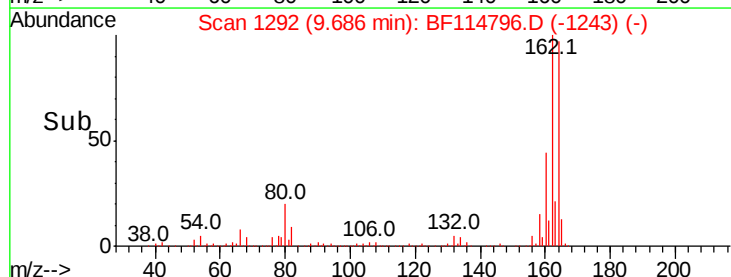
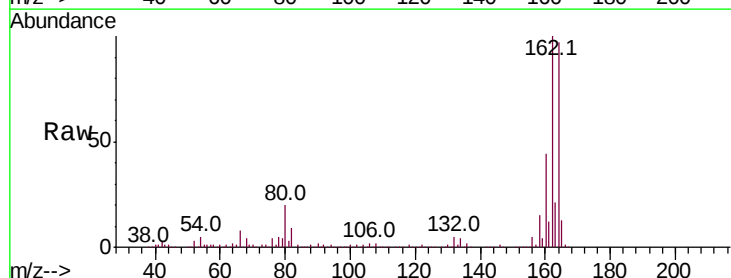
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-A

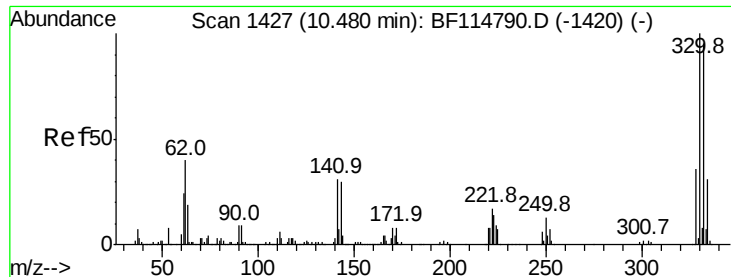
Tot Ion: 82 Resp: 957149
Ion Ratio Lower Upper
82 100
128 52.4 41.8 62.6
54 46.7 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114796.D
Acq: 4 Jun 2019 17:41

Tgt Ion:164 Resp: 329124
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 45.4 36.7 55.1

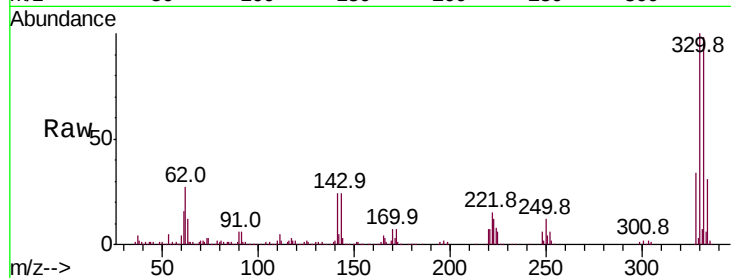




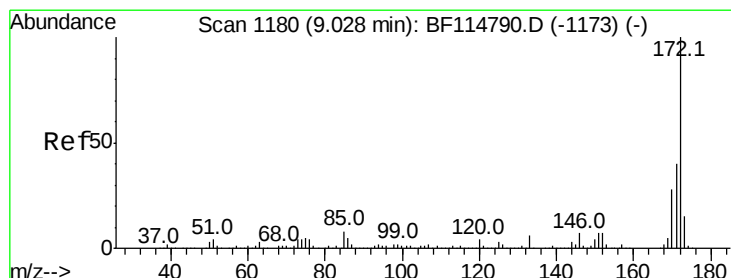
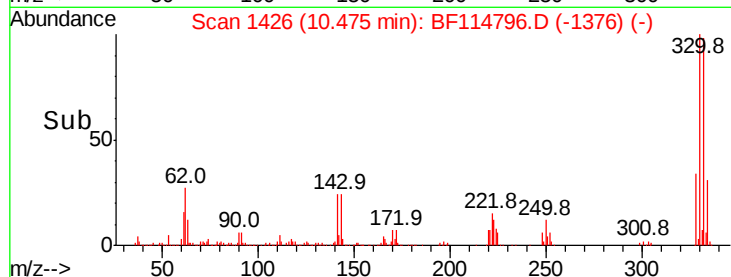
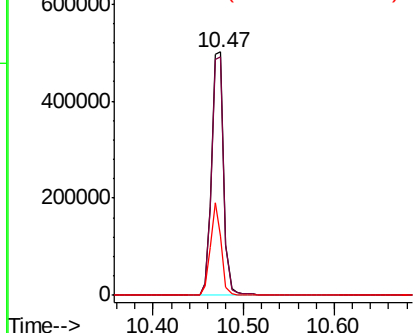
#42
 2,4,6-Tribromophenol
 Concen: 134.756 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114796.D
 Acq: 4 Jun 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	34.1	26.2	39.4

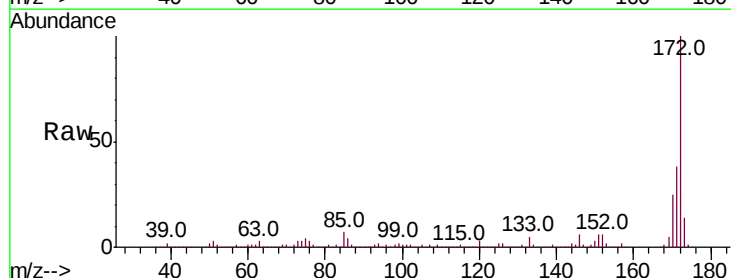


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

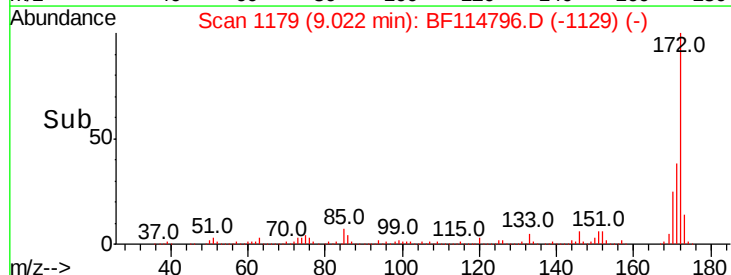
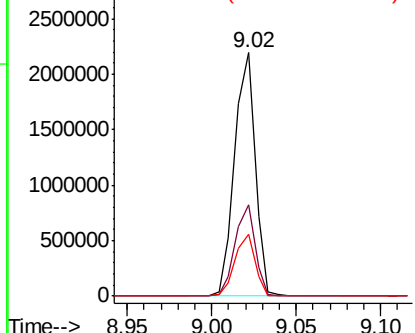


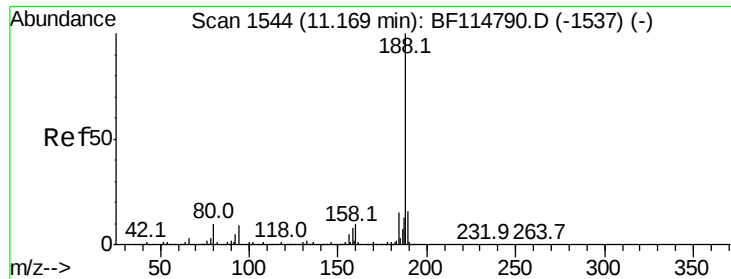
#45
 2-Fluorobiphenyl
 Concen: 106.307 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114796.D
 Acq: 4 Jun 2019 17:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.3	48.5
170	25.4	22.4	33.6



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

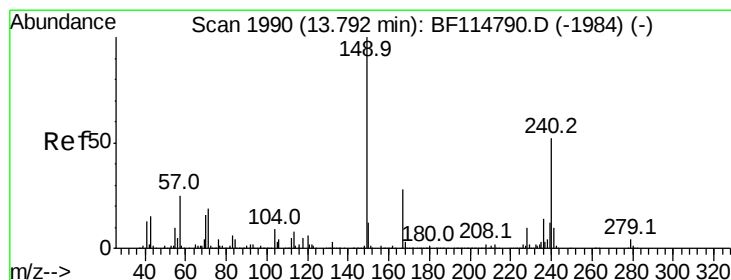
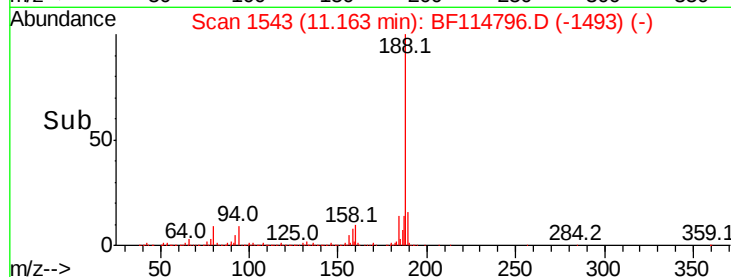
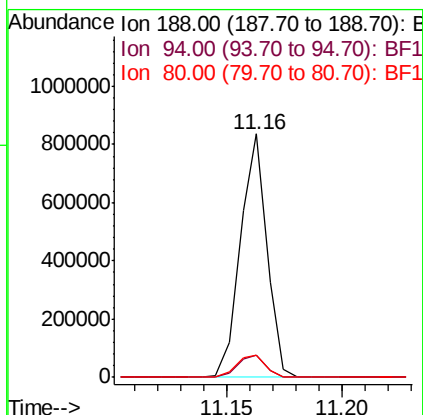
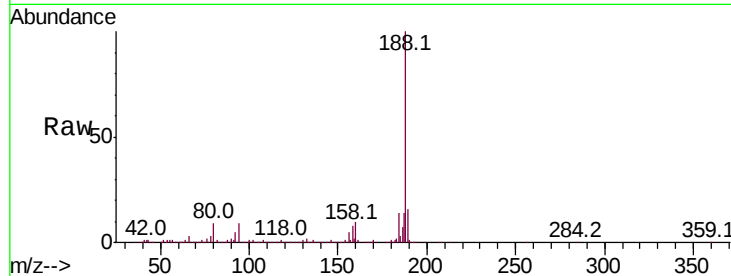




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114796.D
Acq: 4 Jun 2019 17:41

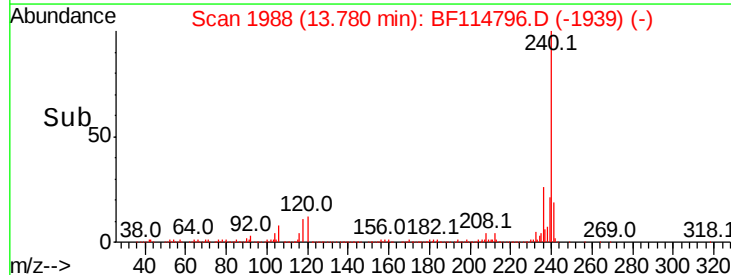
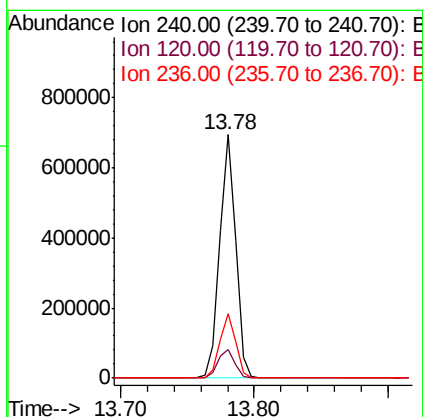
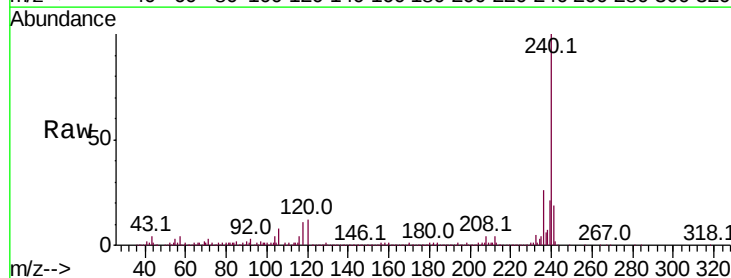
Instrument :
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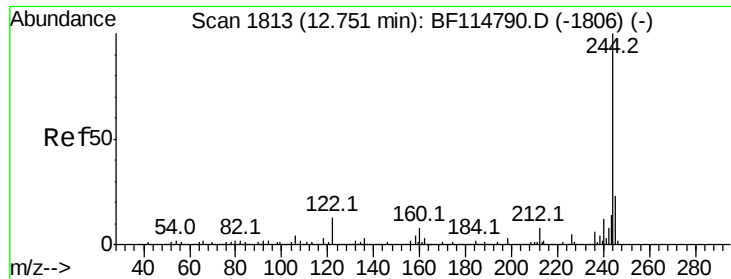
Tot Ion:188 Resp: 671331
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114796.D
Acq: 4 Jun 2019 17:41

Tgt Ion:240 Resp: 595131
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 26.3 21.4 32.0





#79

Terphenyl-d14

Concen: 76.231 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114796.D

Acq: 4 Jun 2019 17:41

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-A

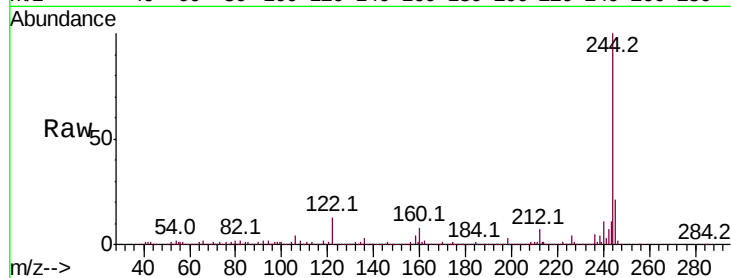
Tot Ion:244 Resp: 2332806

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

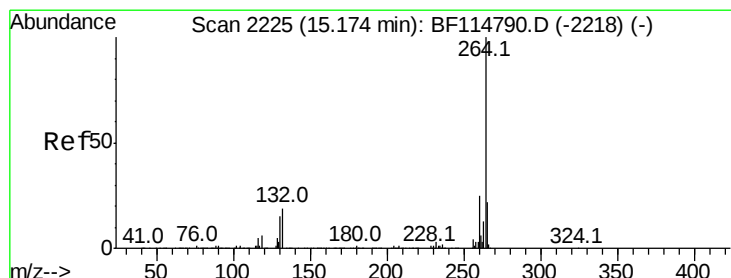
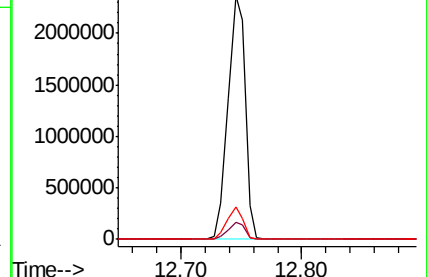
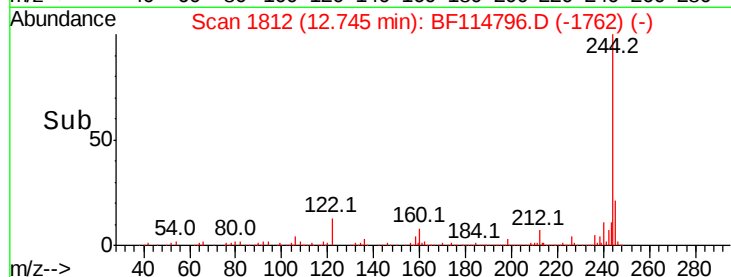
122 13.1 10.5 15.7



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: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114796.D

Acq: 4 Jun 2019 17:41

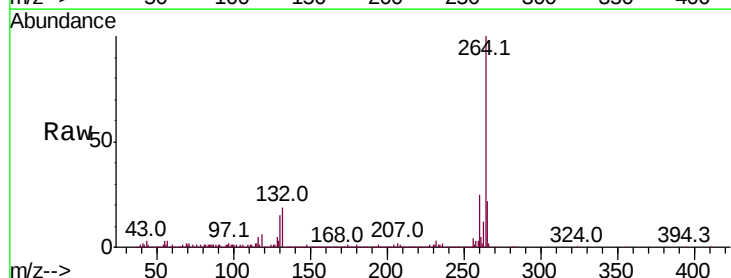
Tgt Ion:264 Resp: 634752

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.6 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

