

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119670.D
 Acq On : 1 Apr 2020 13:13
 Operator : MA/SJ
 Sample : L1752-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

Quant Time: Apr 01 13:57:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	255446	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	996662	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	520706	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1024538	20.00	ng	0.00
76) Chrysene-d12	13.99	240	866706	20.00	ng	-0.01
87) Perylene-d12	15.44	264	903035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2064647	128.67	ng	0.03
7) Phenol-d6	6.45	99	2358687	115.07	ng	0.00
23) Nitrobenzene-d5	7.38	82	1780278	97.08	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	848283	157.91	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3119764	88.76	ng	0.00
79) Terphenyl-d14	12.94	244	3866417	87.40	ng	0.00

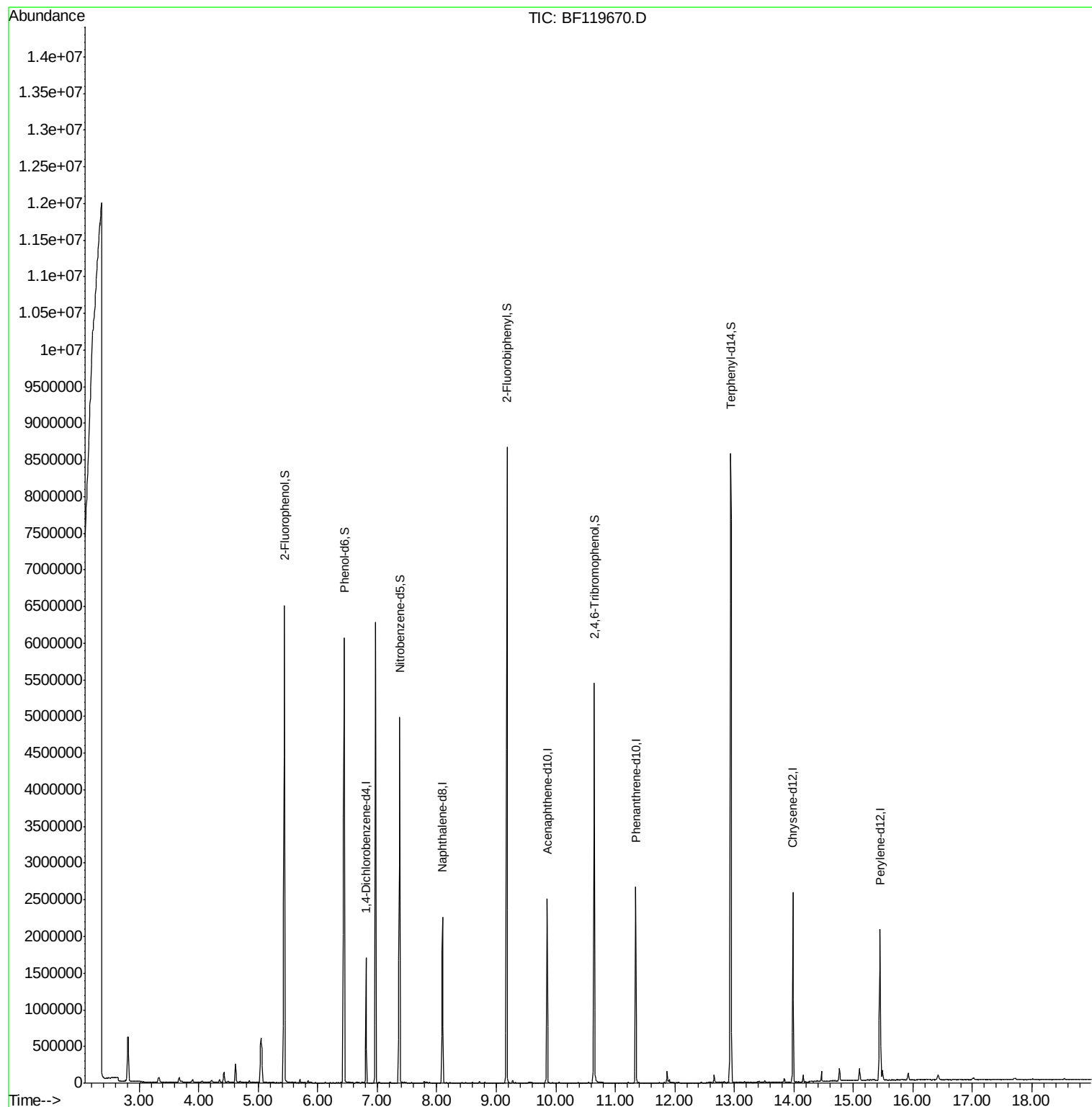
Target Compounds Qvalue

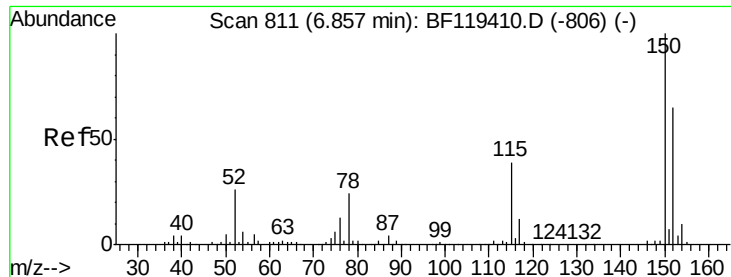
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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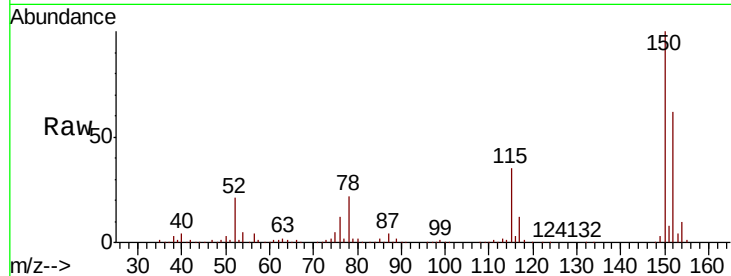


#1

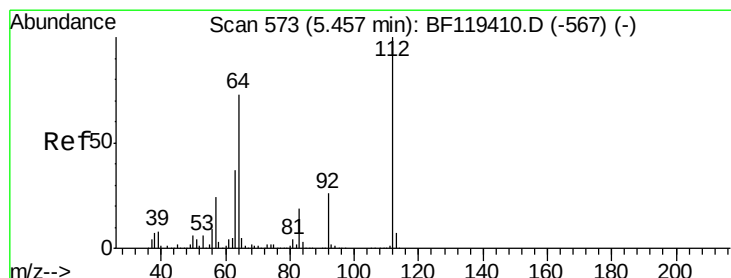
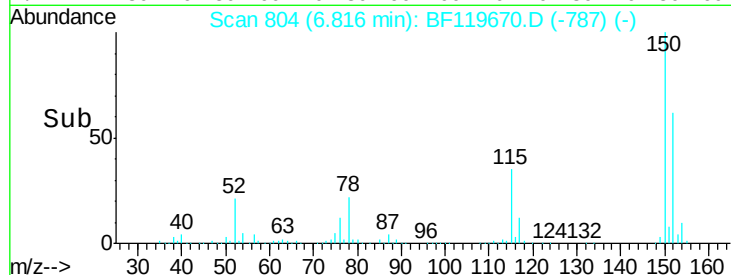
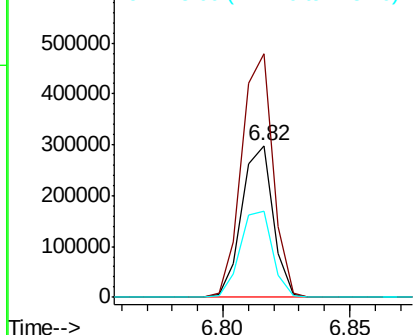
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Instrument :
BNA_F
ClientSampleId :
HD-02-033020

Tot Ion:152 Resp: 255446
Ion Ratio Lower Upper
152 100
150 160.6 124.5 186.7
115 56.5 49.6 74.4



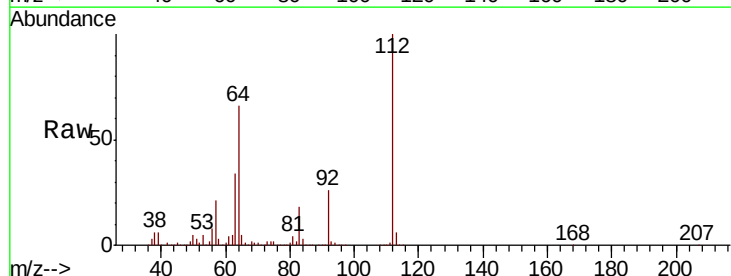
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



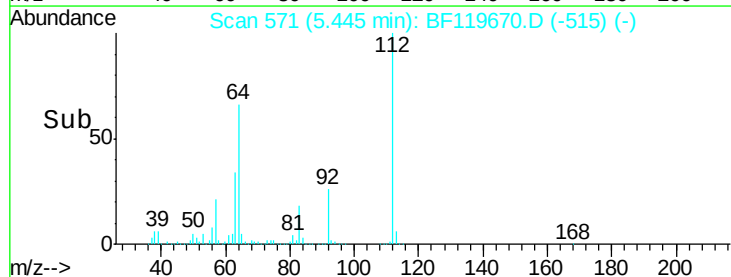
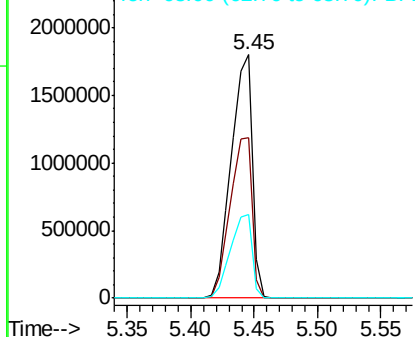
#5

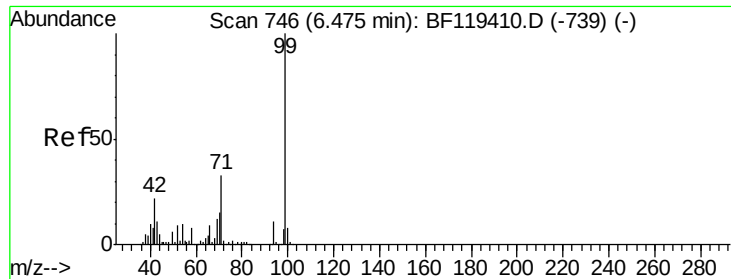
2-Fluorophenol
Concen: 128.666 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Tgt Ion:112 Resp: 2064647
Ion Ratio Lower Upper
112 100
64 65.8 56.7 85.1
63 34.4 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: 115.067 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Instrument :

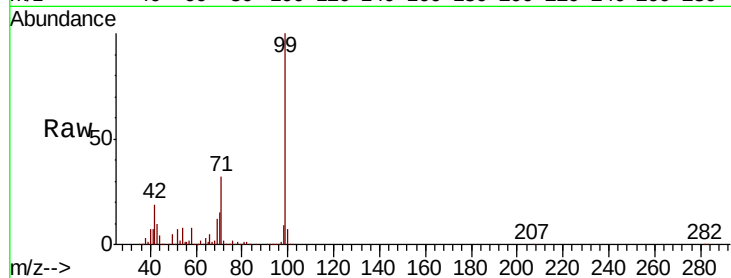
BNA_F

ClientSampleId :

HD-02-033020

Tot Ion: 99 Resp: 2358687

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.6	24.8
71	32.5	26.4	39.6

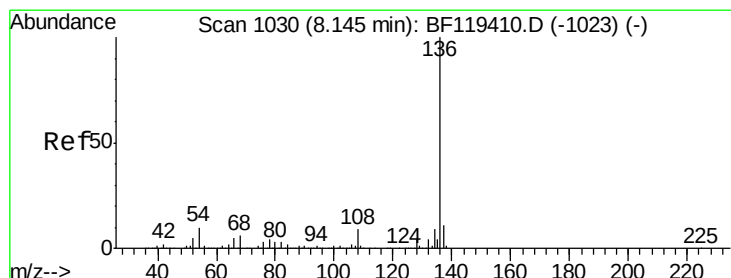
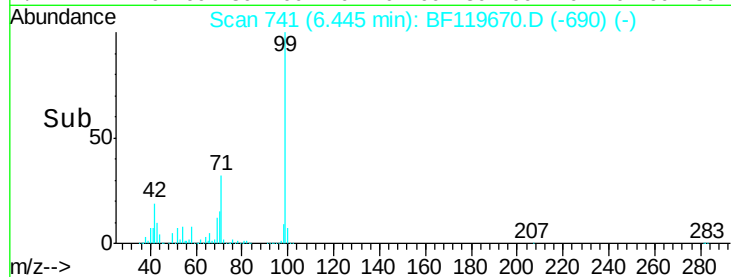


Abundance

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: 20.000 ng

RT: 8.10 min Scan# 1022

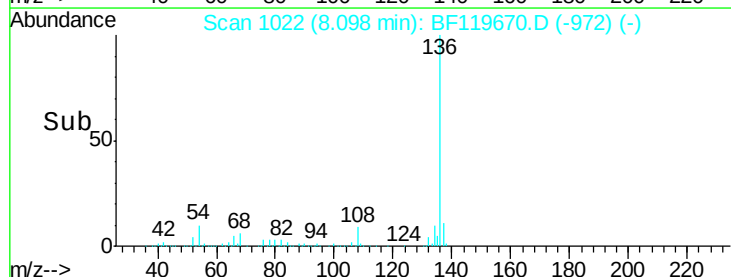
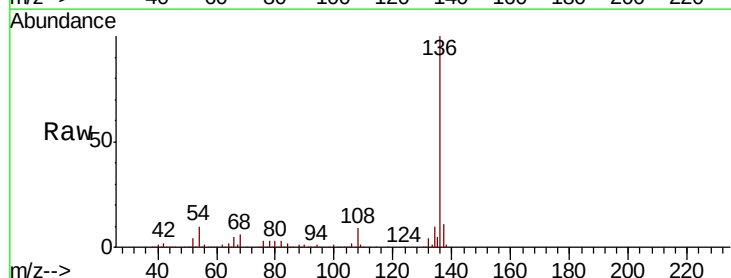
Delta R.T. -0.01 min

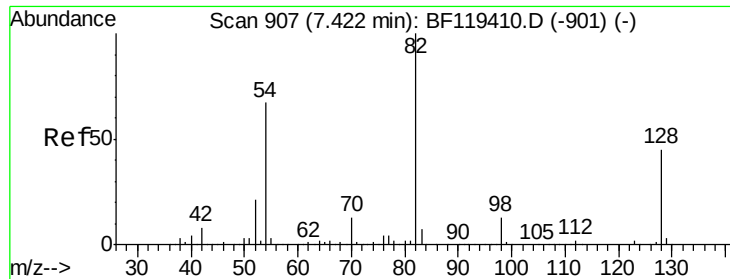
Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Tgt Ion: 136 Resp: 996662

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.0	9.1	13.7
68	5.9	4.6	6.8

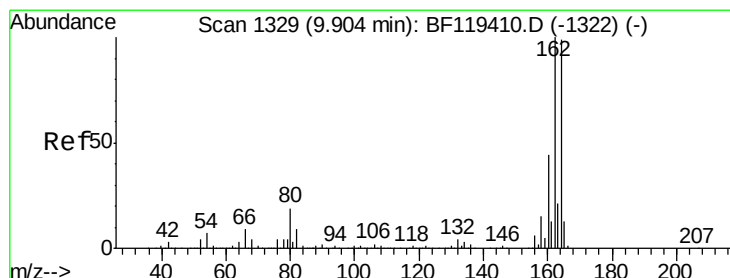
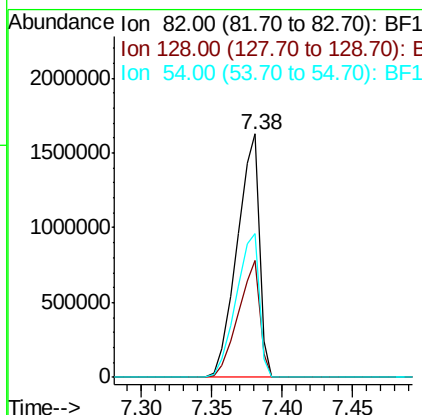
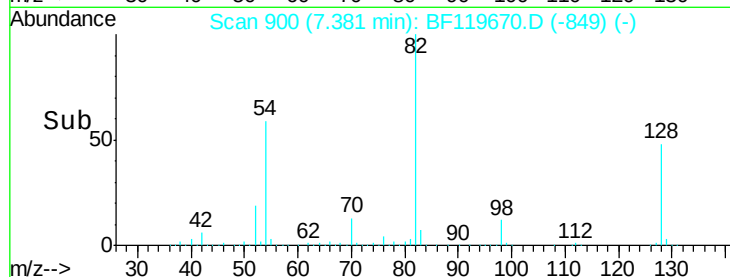
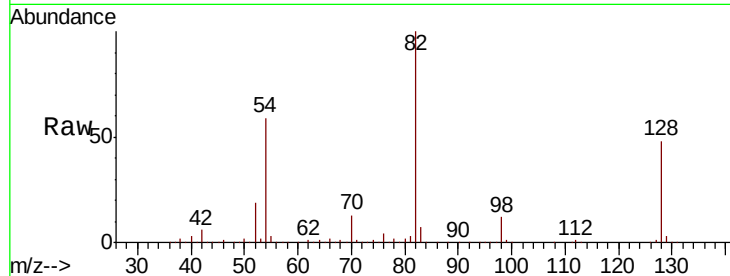




#23
Nitrobenzene-d5
Concen: 97.078 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

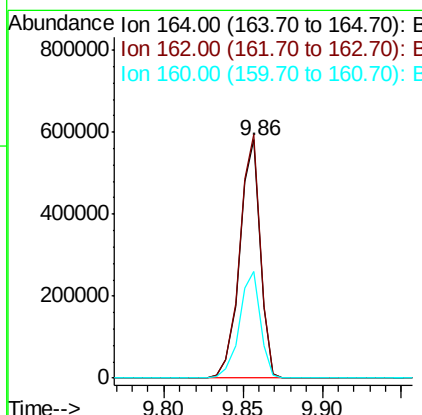
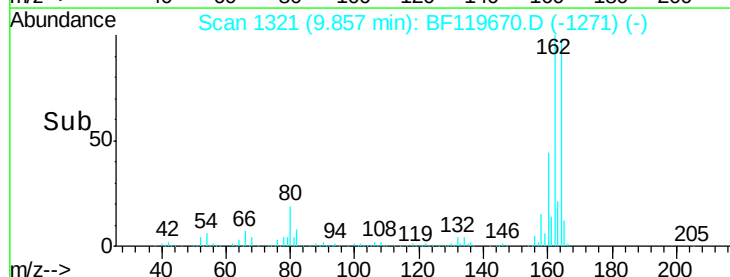
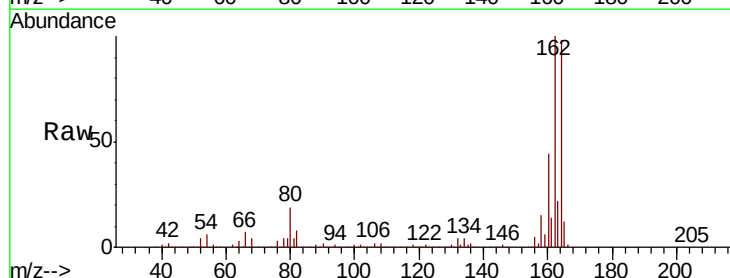
Instrument :
BNA_F
ClientSampleId :
HD-02-033020

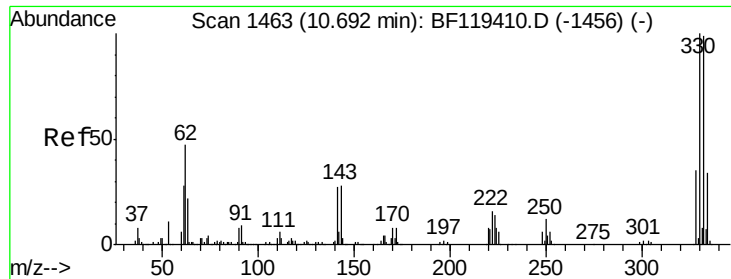
Tot Ion: 82 Resp: 1780278
Ion Ratio Lower Upper
82 100
128 47.8 36.3 54.5
54 59.3 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Tgt Ion: 164 Resp: 520706
Ion Ratio Lower Upper
164 100
162 102.3 80.6 121.0
160 45.0 35.7 53.5

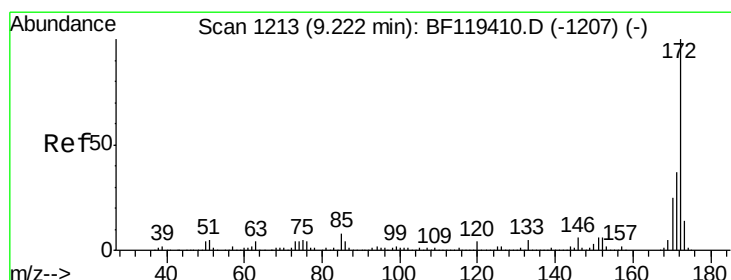
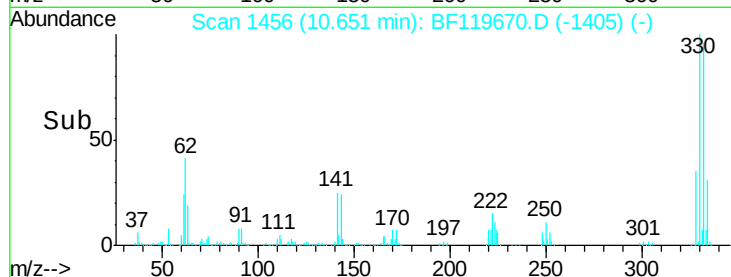
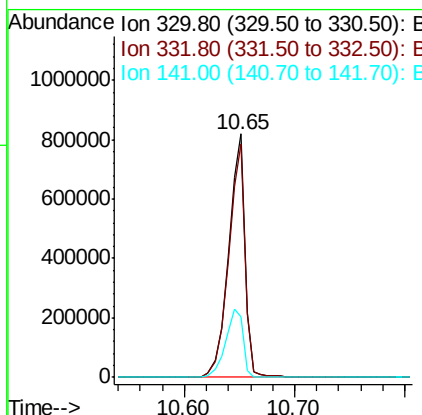
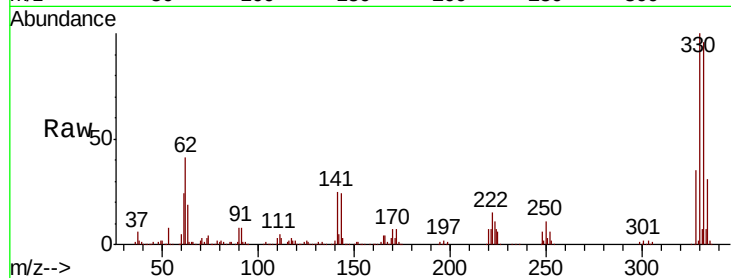




#42
 2,4,6-Tribromophenol
 Concen: 157.910 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF119670.D
 Acq: 1 Apr 2020 13:13

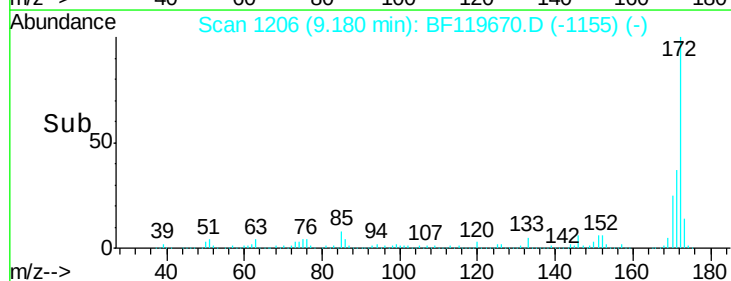
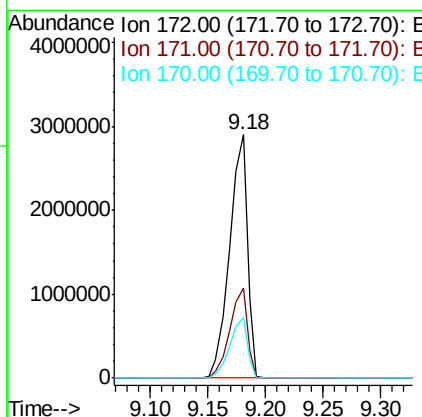
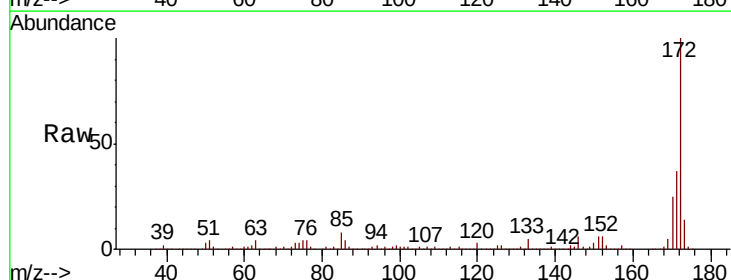
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

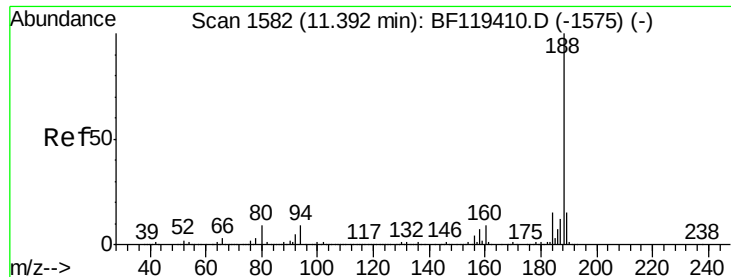
Tot Ion:330 Resp: 848283
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5
 141 30.3 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 88.761 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF119670.D
 Acq: 1 Apr 2020 13:13

Tgt Ion:172 Resp: 3119764
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.7 20.2 30.2

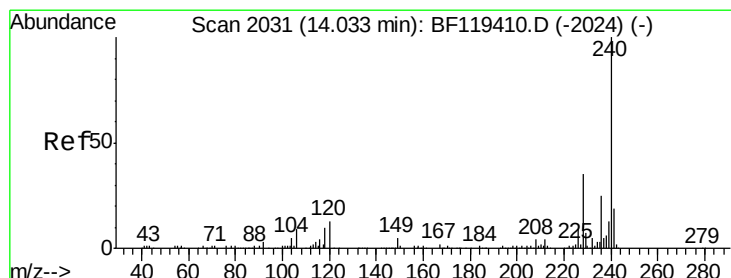
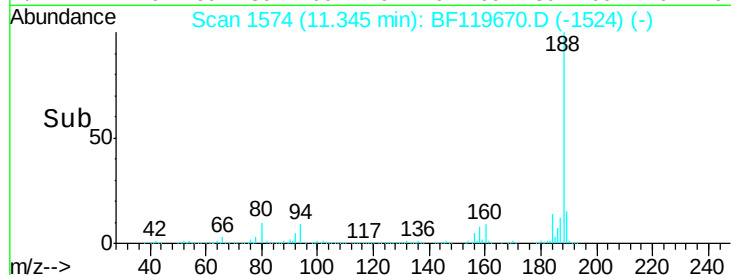
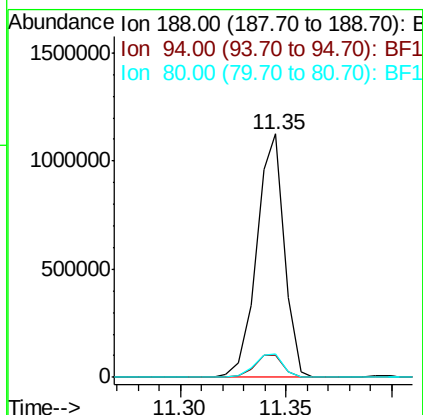
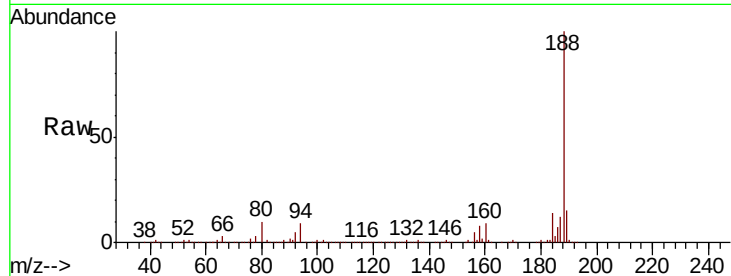




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

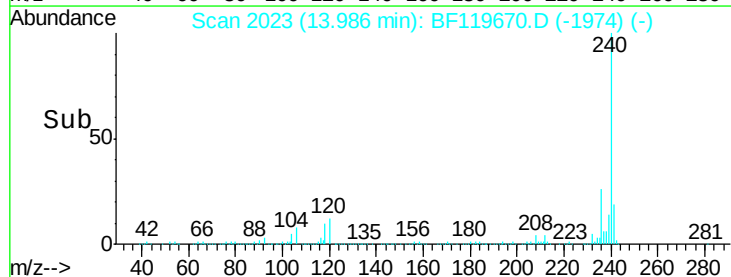
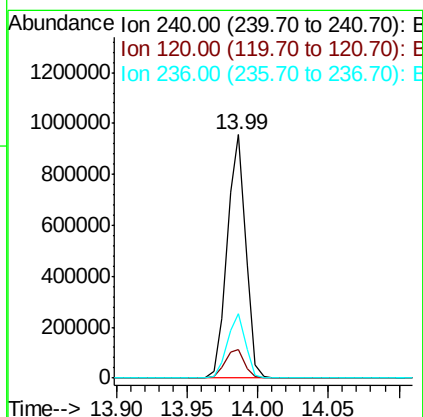
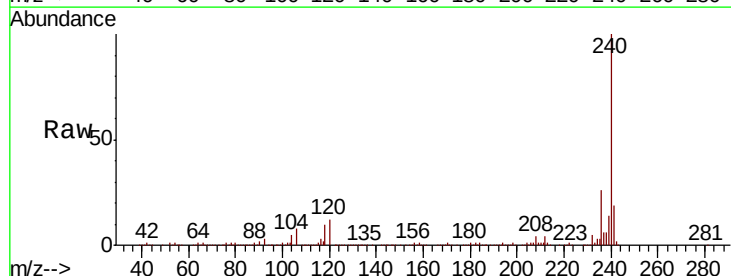
Instrument :
BNA_F
ClientSampleId :
HD-02-033020

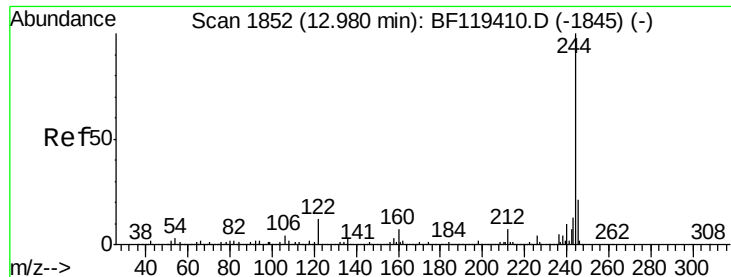
Tot Ion:188 Resp: 1024538
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Tgt Ion:240 Resp: 866706
Ion Ratio Lower Upper
240 100
120 11.8 10.6 15.8
236 26.3 20.2 30.2





#79

Terphenyl-d14

Concen: 87.401 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

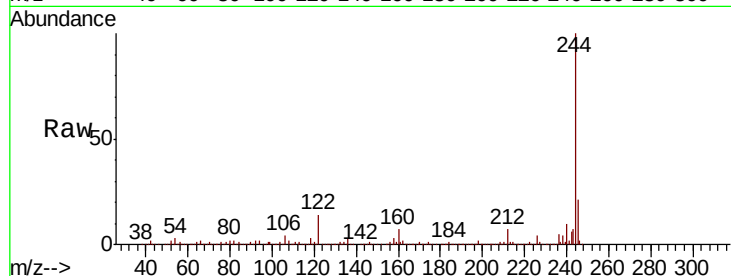
Tot Ion:244 Resp: 3866417

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

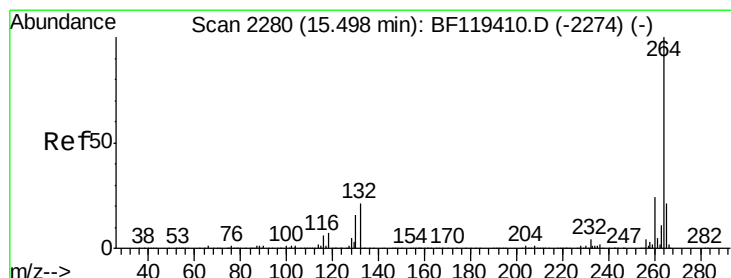
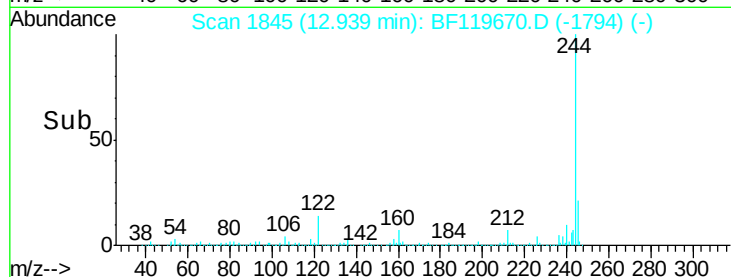
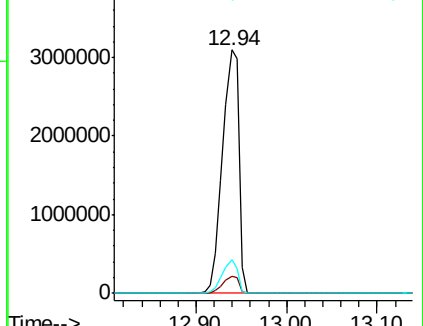
122 13.7 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

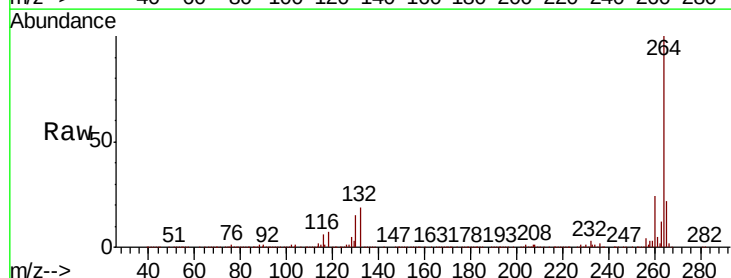
Tgt Ion:264 Resp: 903035

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.1 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

