

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121616.D
 Acq On : 18 Sep 2020 16:47
 Operator : JU/CG
 Sample : L4059-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

Quant Time: Sep 18 19:00:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	146400	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	573838	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	298973	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	559809	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	406528	20.00	ng	-0.01
86) Perylene-d12	15.43	264	373252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1022692	103.81	ng	0.02
7) Phenol-d6	6.46	99	1237247	95.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	959143	89.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	462943	124.59	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1701633	86.20	ng	-0.01
79) Terphenyl-d14	12.93	244	1760755	87.75	ng	0.00

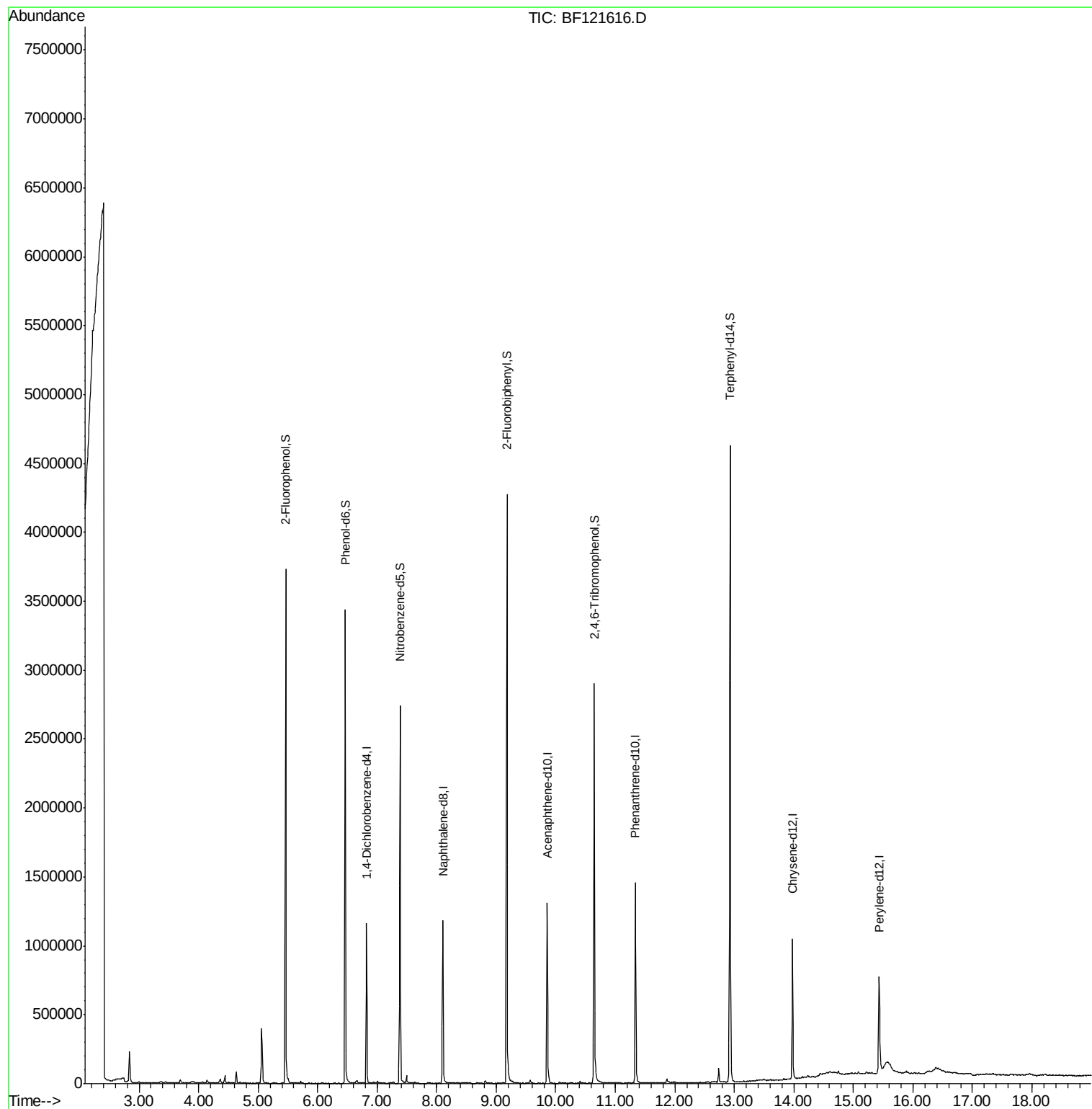
Target Compounds Qvalue

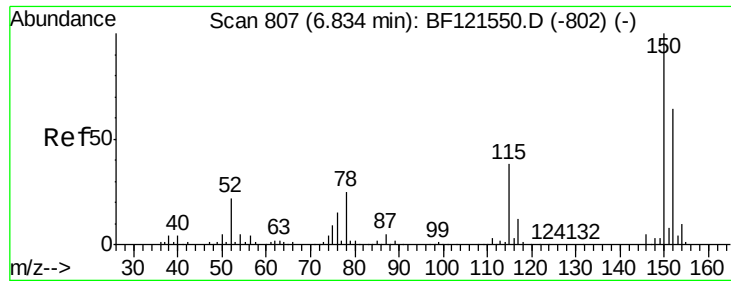
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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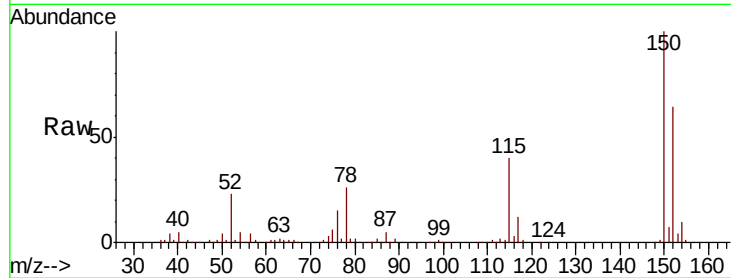


#1

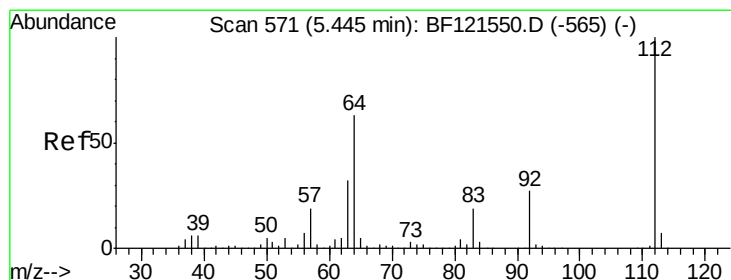
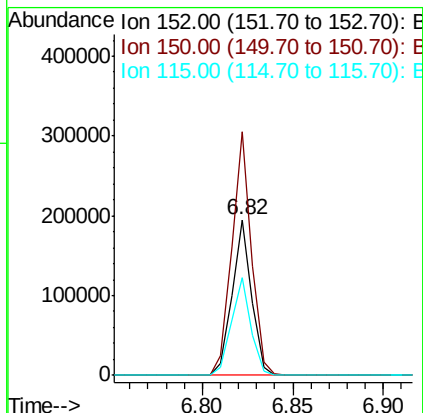
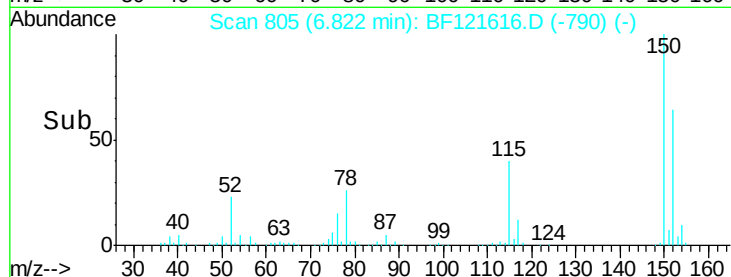
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121616.D
Acq: 18 Sep 2020 16:47

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Tot Ion:152 Resp: 146400
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 62.8 47.8 71.8



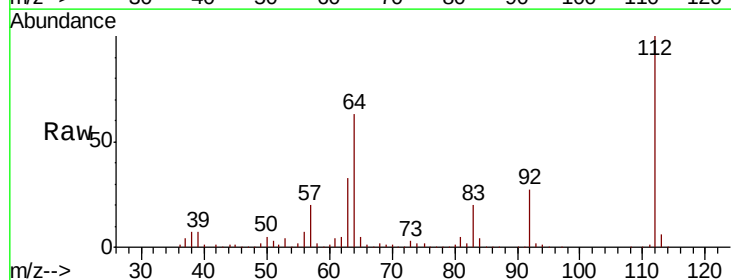
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



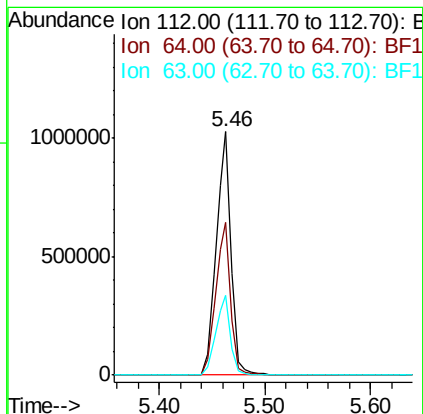
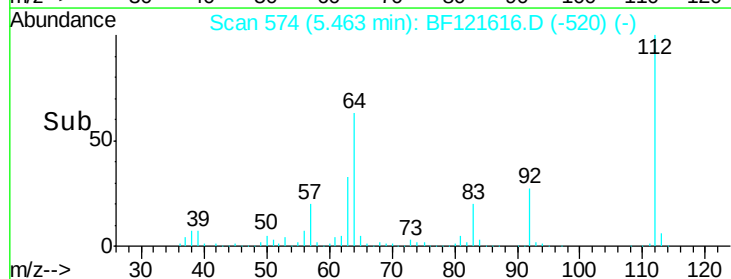
#5

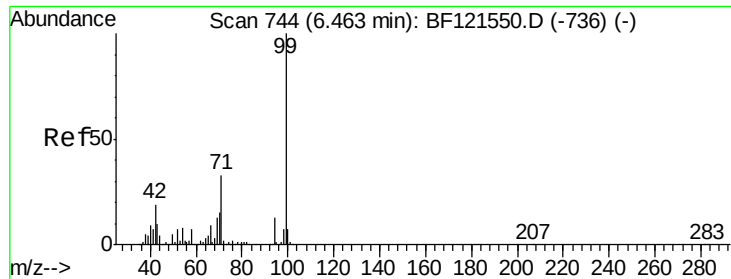
2-Fluorophenol
Concen: 103.815 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121616.D
Acq: 18 Sep 2020 16:47

Tgt Ion:112 Resp: 1022692
Ion Ratio Lower Upper
112 100
64 63.0 50.3 75.5
63 32.6 25.6 38.4



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: 95.732 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121616.D

Acq: 18 Sep 2020 16:47

Instrument :

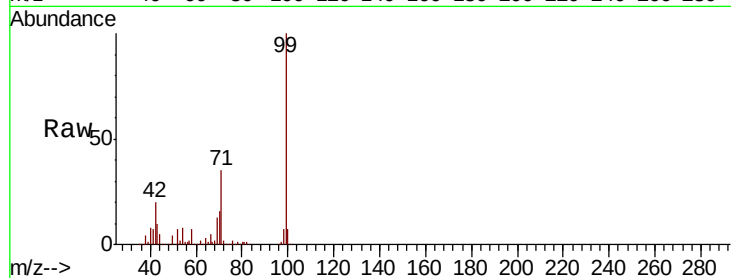
BNA_F

ClientSampleId :

PAV-B33-091720-10-19

Tot Ion: 99 Resp: 1237247

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.5	23.3
71	35.3	26.1	39.1

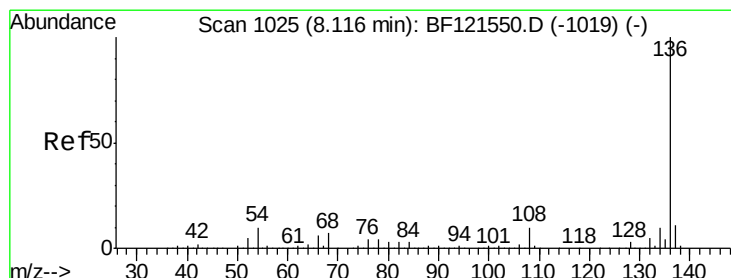
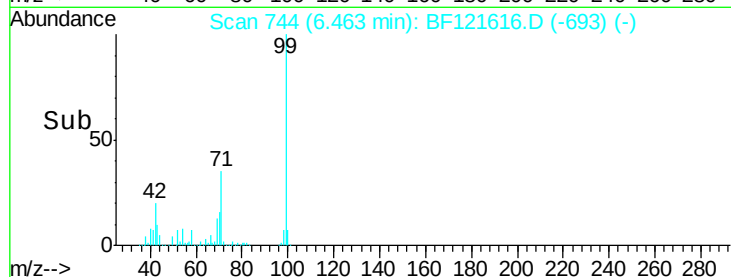
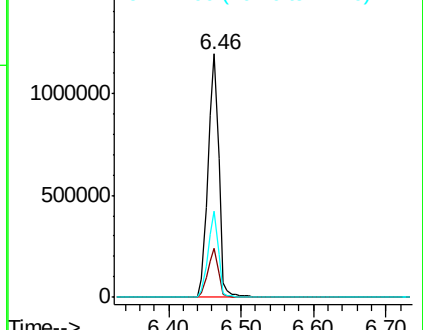


Abundance

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# 1023

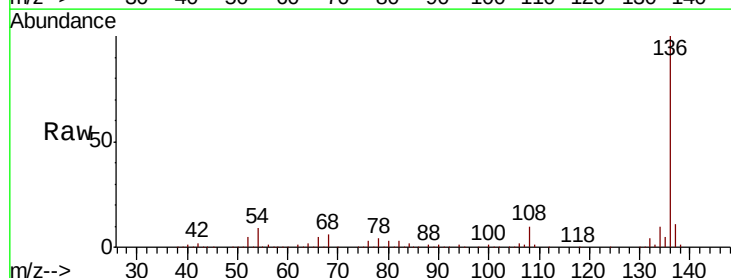
Delta R.T. -0.01 min

Lab File: BF121616.D

Acq: 18 Sep 2020 16:47

Tgt Ion: 136 Resp: 573838

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.6	7.6	11.4
68	6.4	5.7	8.5



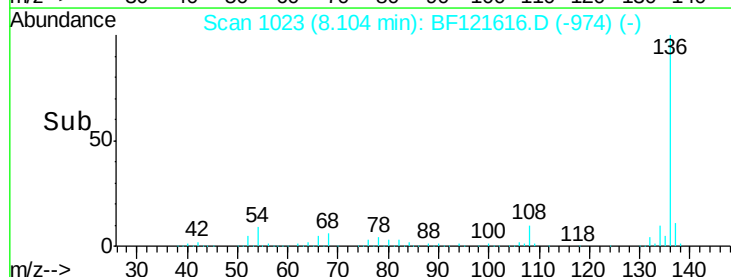
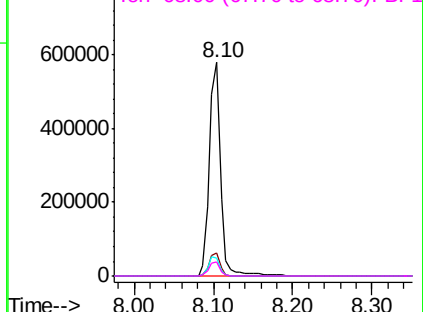
Abundance

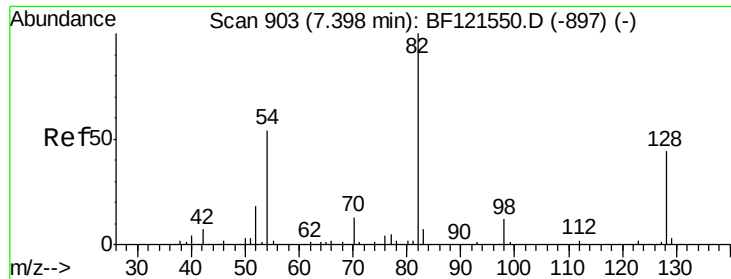
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

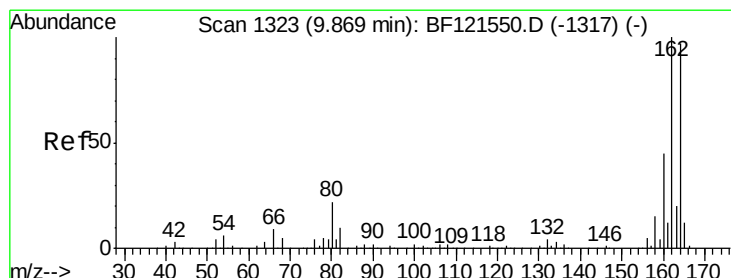
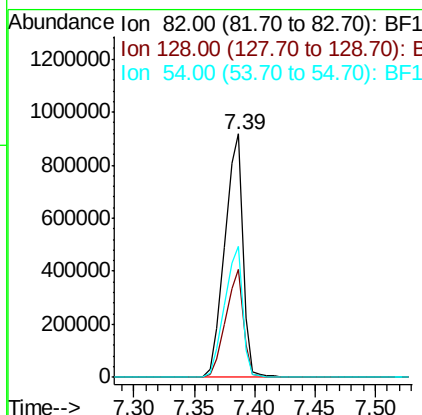
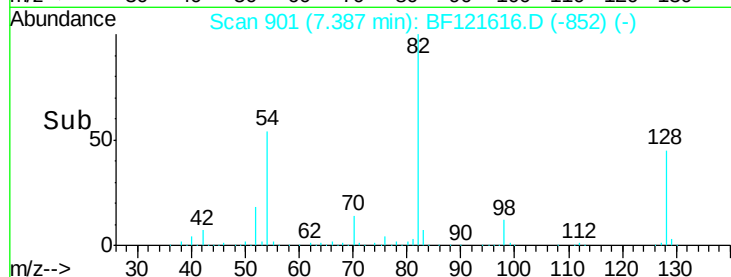
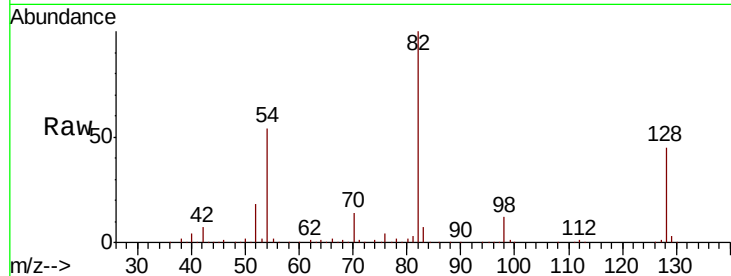




#23
 Nitrobenzene-d5
 Concen: 89.743 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121616.D
 Acq: 18 Sep 2020 16:47

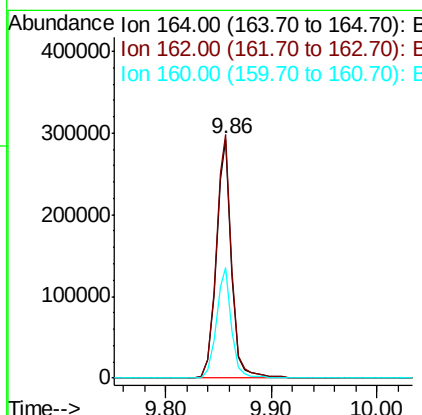
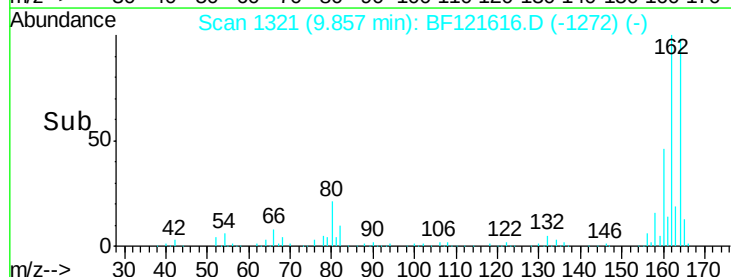
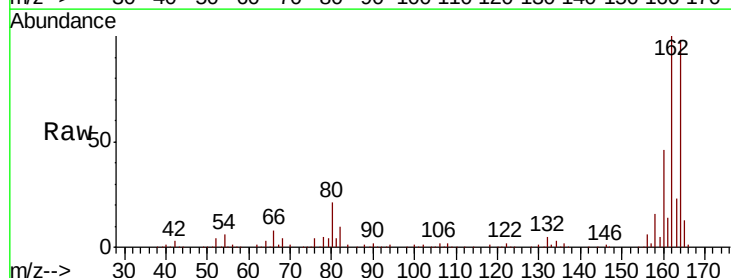
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

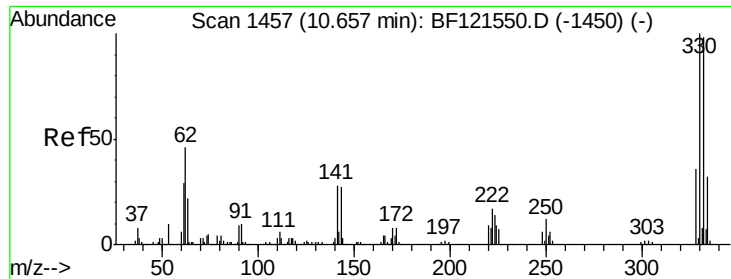
Tot Ion: 82 Resp: 959143
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.1 52.7
 54 53.8 43.0 64.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121616.D
 Acq: 18 Sep 2020 16:47

Tgt Ion: 164 Resp: 298973
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.3 123.5
 160 46.5 37.0 55.4

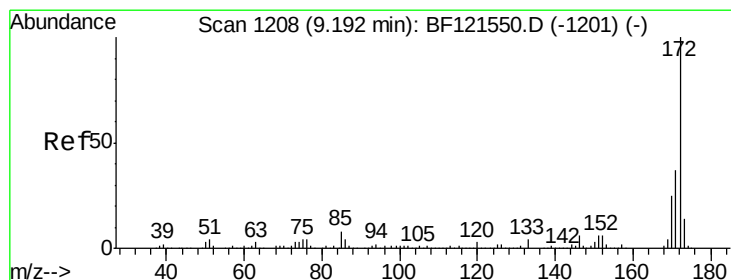
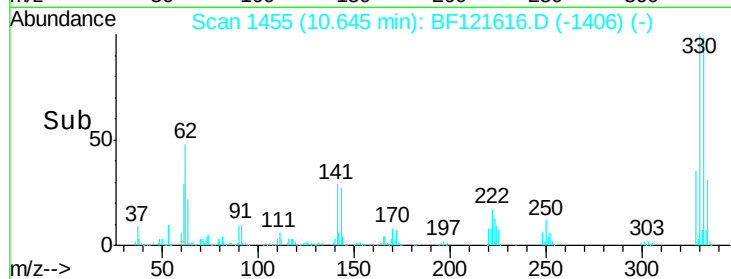
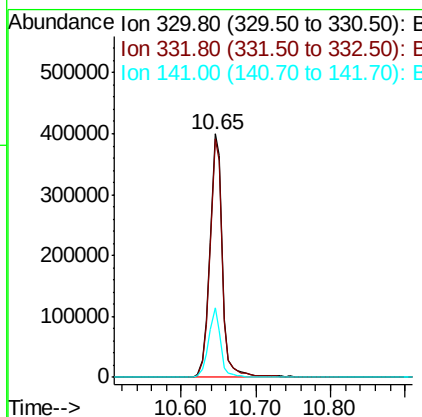
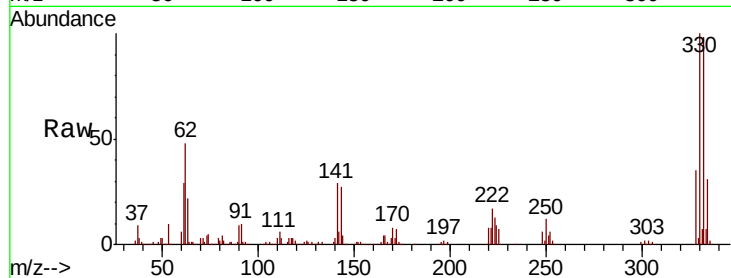




#42
 2,4,6-Tribromophenol
 Concen: 124.587 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF121616.D
 Acq: 18 Sep 2020 16:47

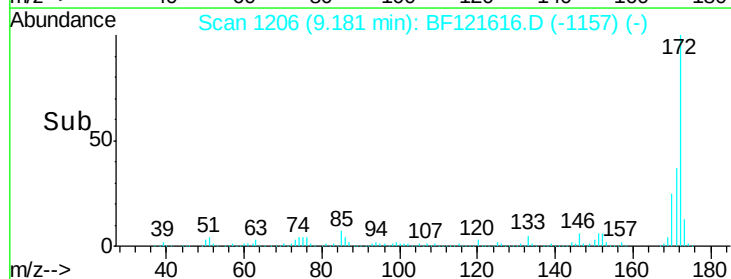
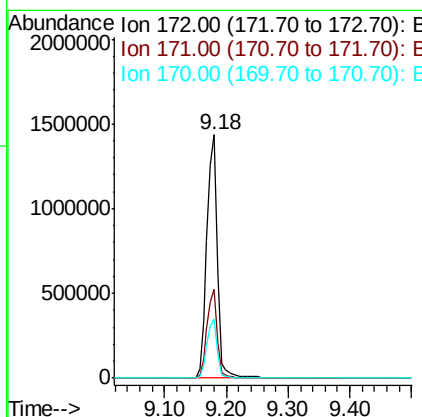
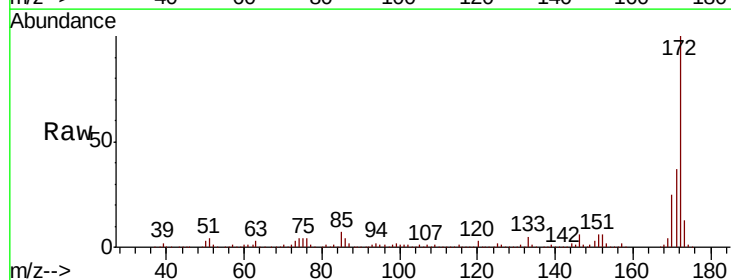
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

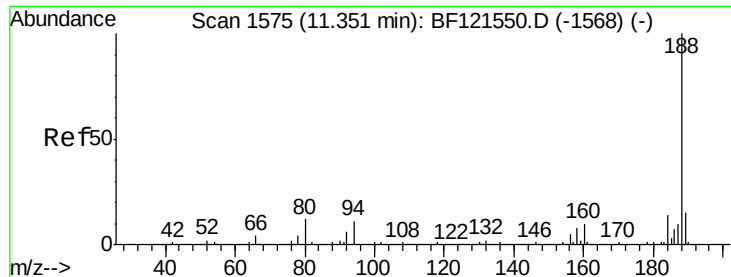
Tot Ion:330 Resp: 462943
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 28.1 23.6 35.4



#45
 2-Fluorobiphenyl
 Concen: 86.201 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121616.D
 Acq: 18 Sep 2020 16:47

Tgt Ion:172 Resp: 1701633
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.6 19.8 29.8

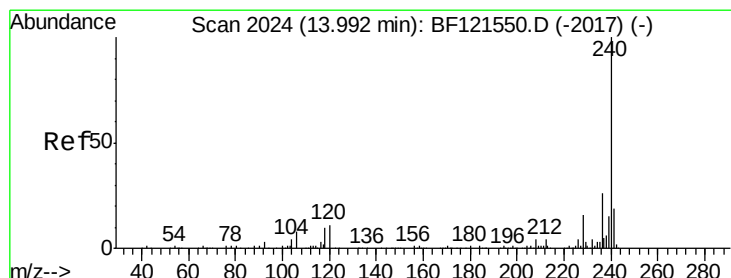
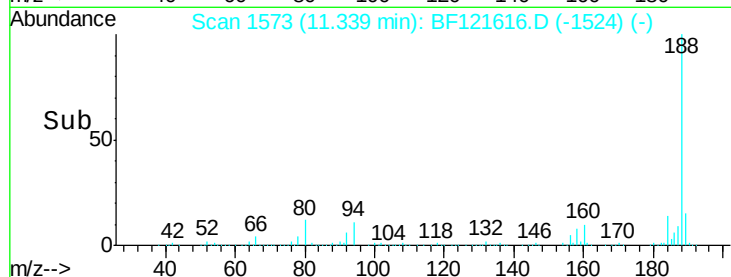
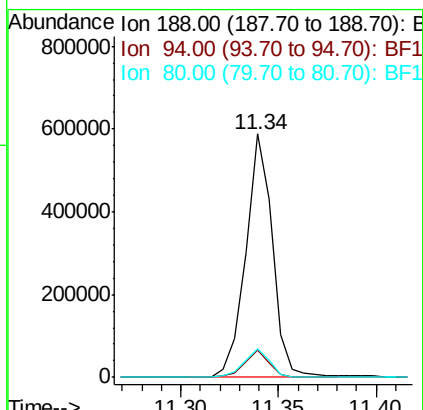
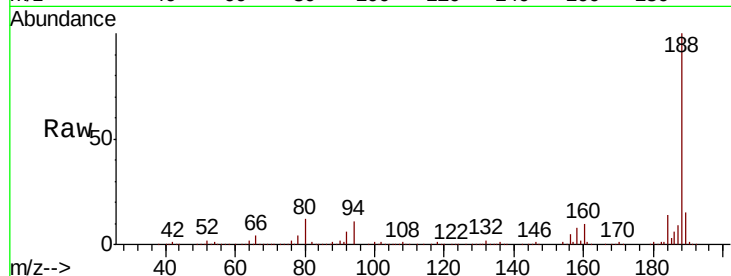




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121616.D
Acq: 18 Sep 2020 16:47

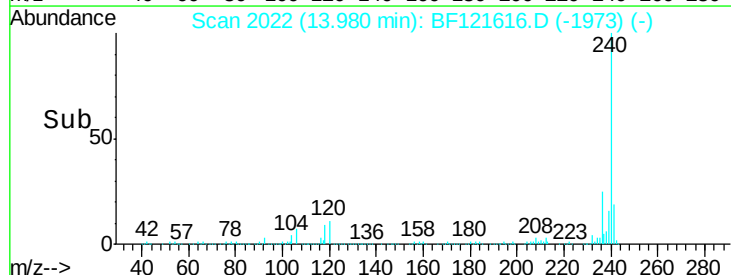
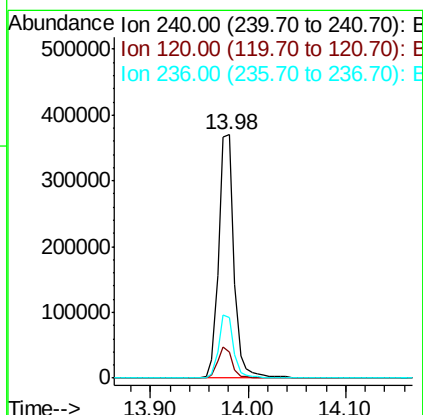
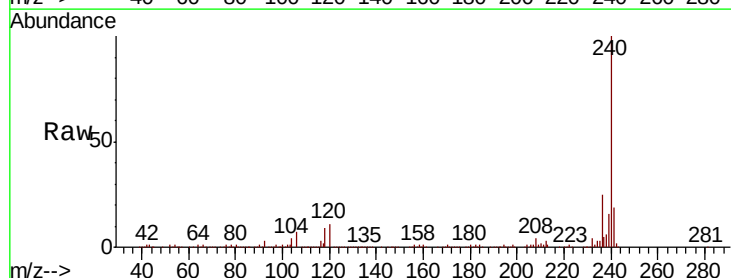
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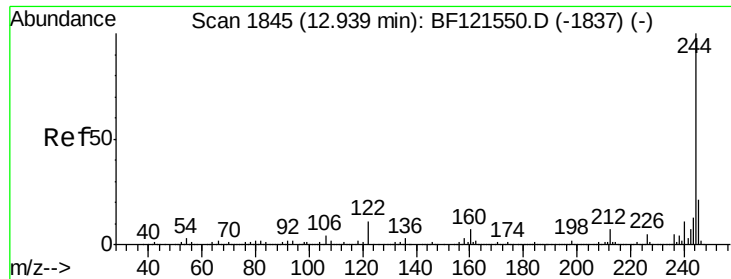
Tot Ion:188 Resp: 559809
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.8 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121616.D
Acq: 18 Sep 2020 16:47

Tgt Ion:240 Resp: 406528
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 87.746 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121616.D

Acq: 18 Sep 2020 16:47

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19

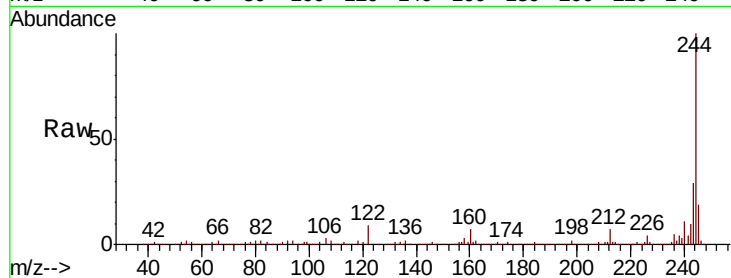
Tot Ion:244 Resp: 1760755

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

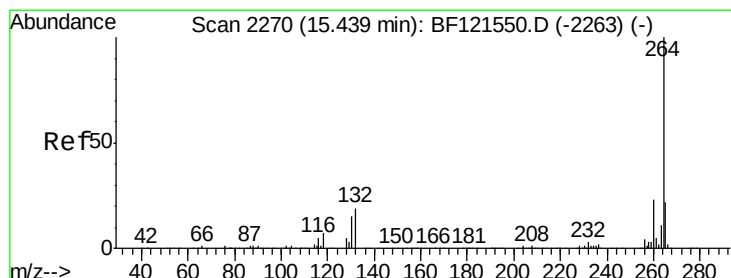
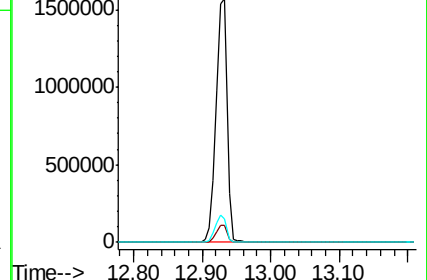
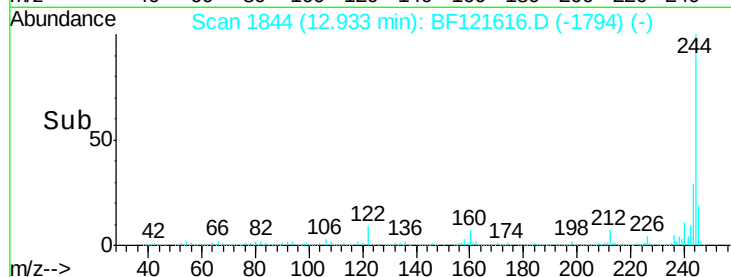
122 9.5 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF121616.D

Acq: 18 Sep 2020 16:47

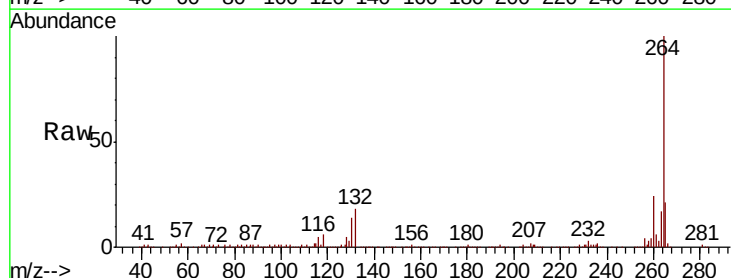
Tgt Ion:264 Resp: 373252

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 20.7 17.8 26.6



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

