

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119374.D
 Acq On : 12 Mar 2020 11:24
 Operator : CG/JU
 Sample : L1759-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031020

Quant Time: Mar 13 00:17:48 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	117748	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	450182	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226248	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	493625	20.00	ng	0.00
76) Chrysene-d12	13.89	240	355996	20.00	ng	0.00
87) Perylene-d12	15.33	264	349834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	890810	126.43	ng	0.02
7) Phenol-d6	6.38	99	990362	115.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	817085	95.83	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	478040	161.52	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1434701	93.42	ng	0.00
79) Terphenyl-d14	12.83	244	2093398	101.24	ng	0.00

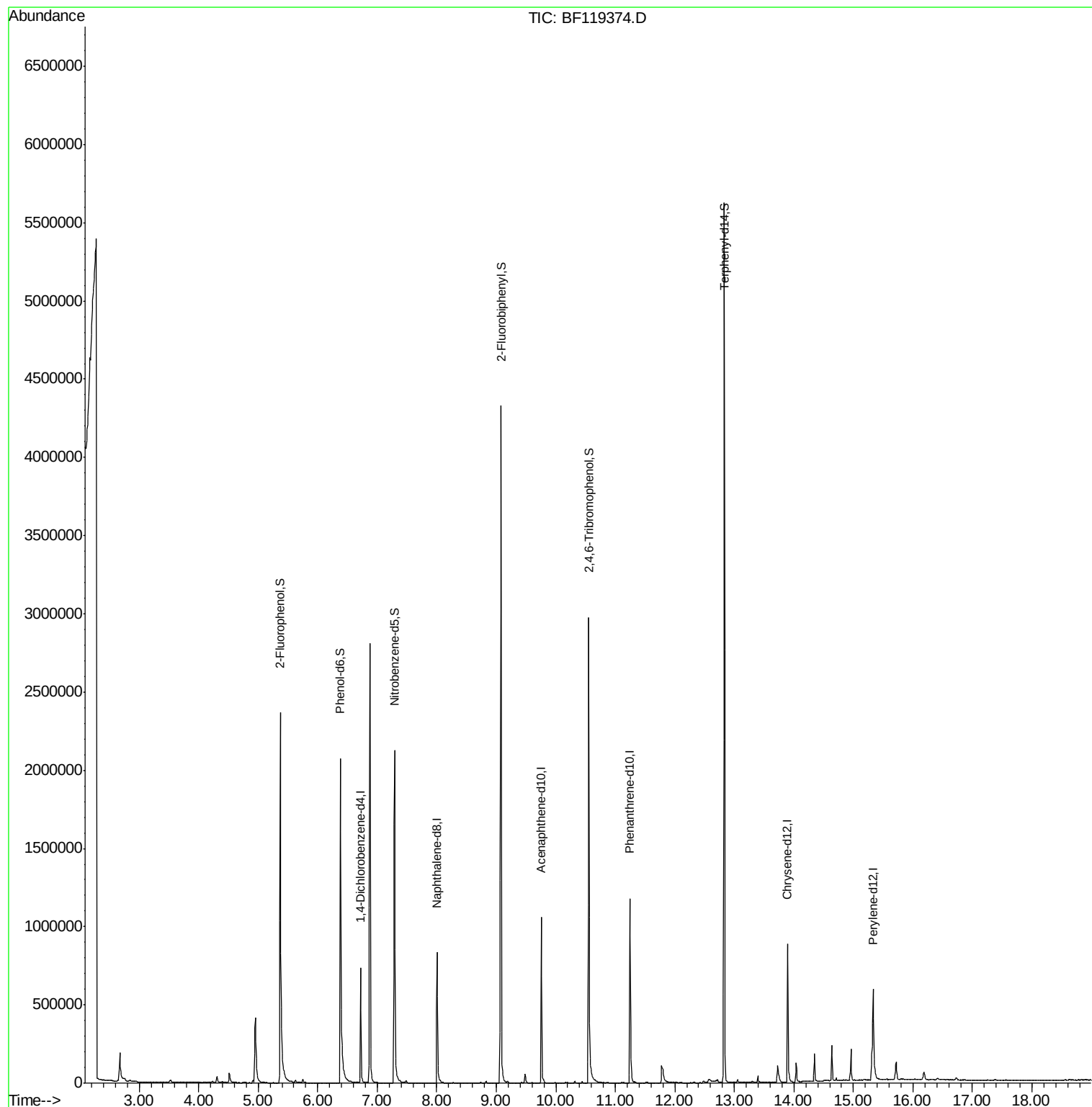
Target Compounds Qvalue

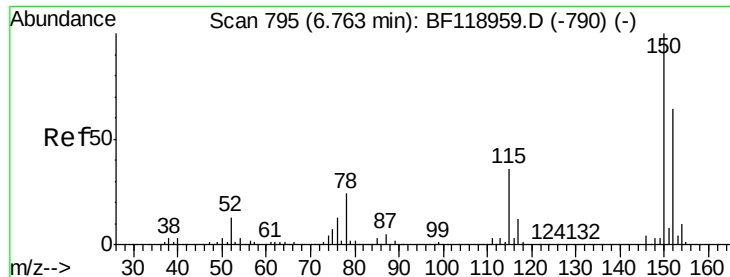
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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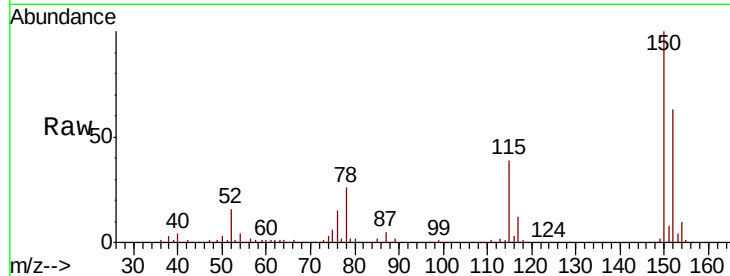


#1

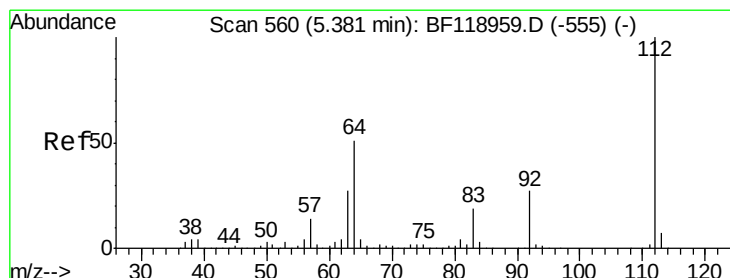
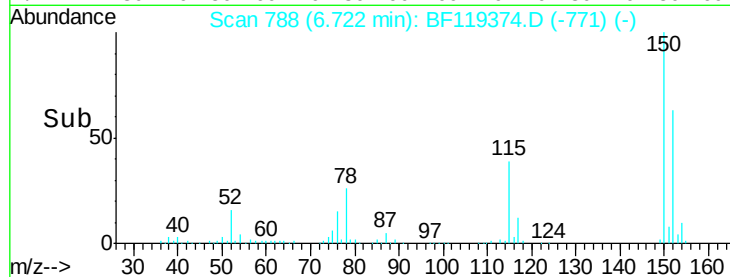
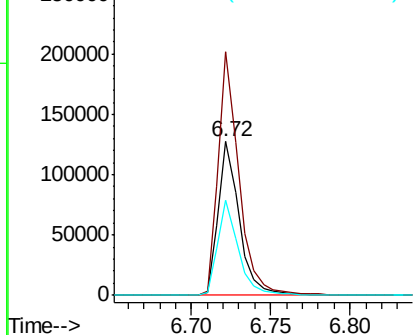
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Instrument :
BNA_F
ClientSampleId :
OR-03-031020

Tot Ion:152 Resp: 117748
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.6
115 62.0 49.5 74.3



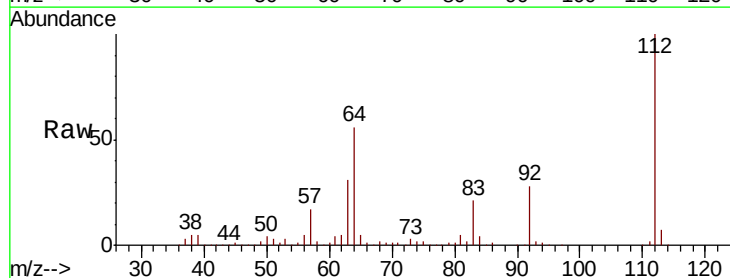
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



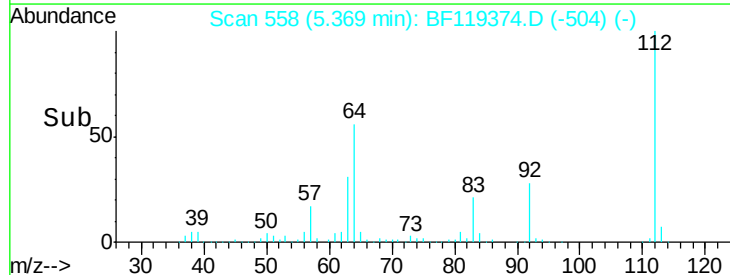
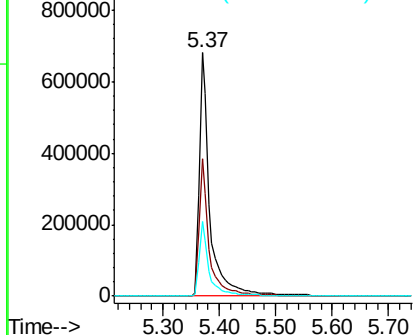
#5

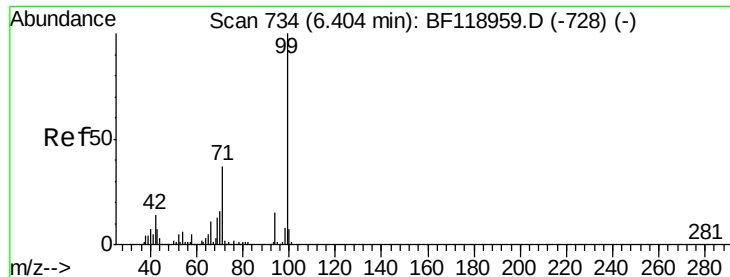
2-Fluorophenol
Concen: 126.431 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Tgt Ion:112 Resp: 890810
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 30.9 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: 115.575 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

Instrument :

BNA_F

ClientSampleId :

OR-03-031020

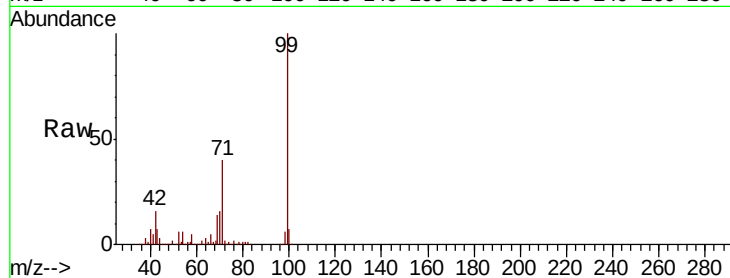
Tot Ion: 99 Resp: 990362

Ion Ratio Lower Upper

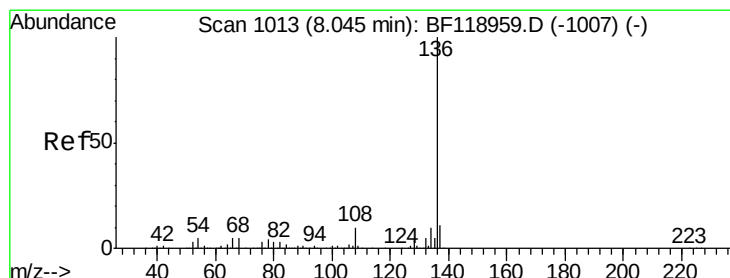
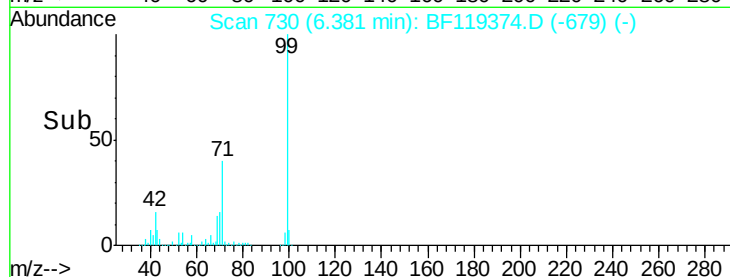
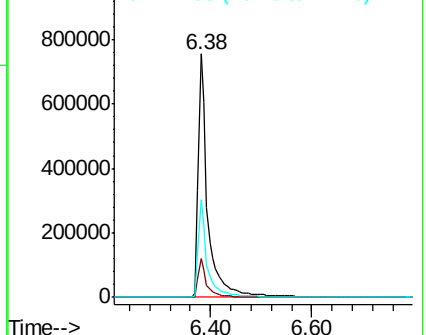
99 100

42 15.9 12.6 18.8

71 40.1 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: BF119374.D

Acq: 12 Mar 2020 11:24

Tgt Ion: 136 Resp: 450182

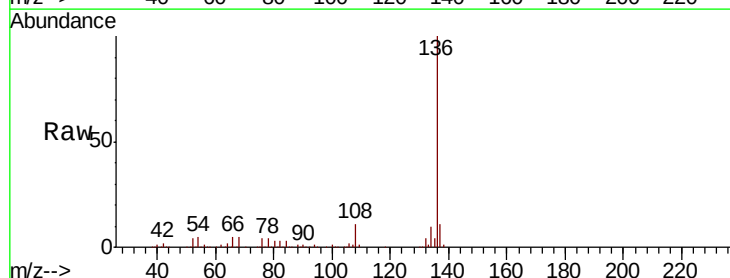
Ion Ratio Lower Upper

136 100

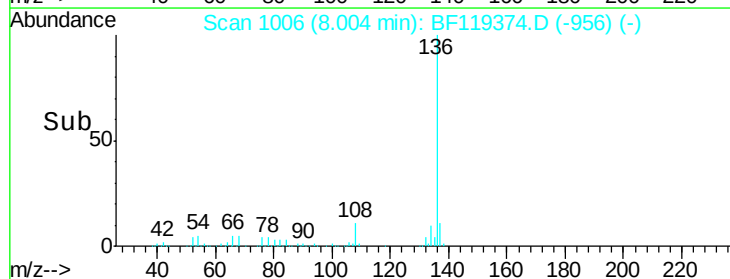
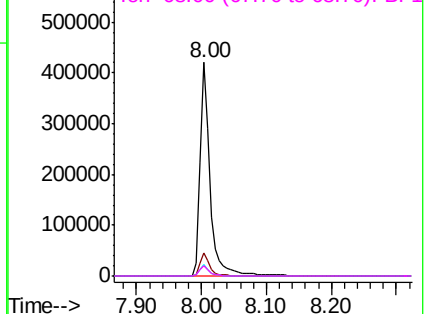
137 11.0 8.8 13.2

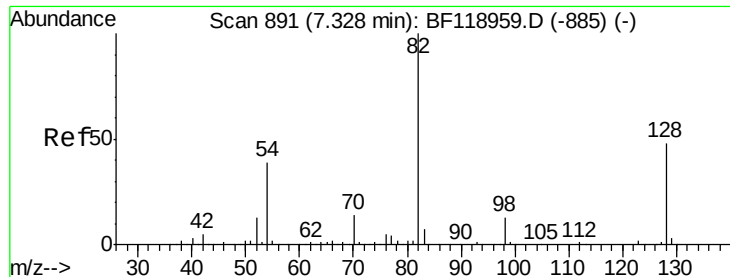
54 5.1 3.8 5.6

68 5.0 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

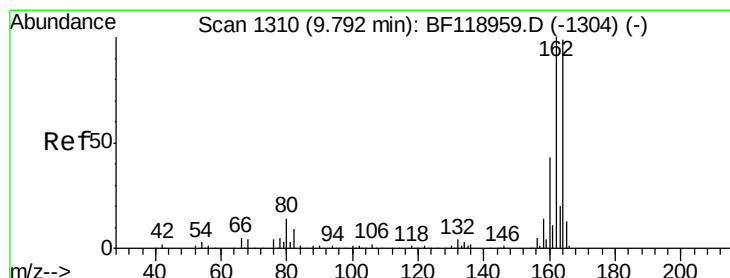
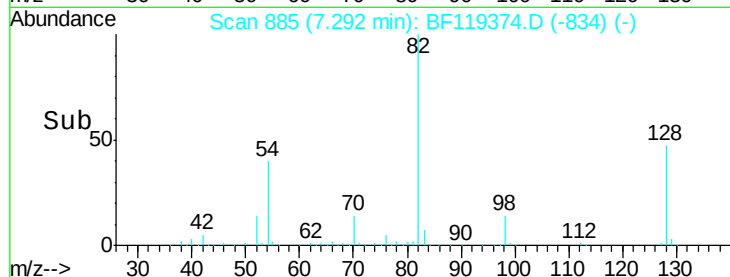
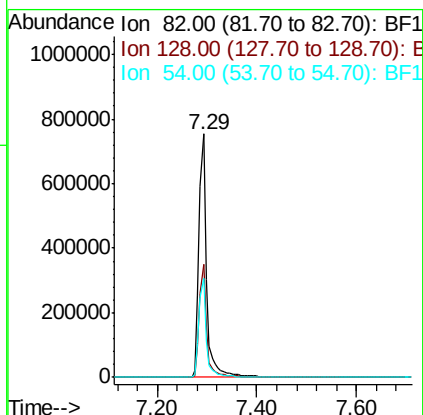
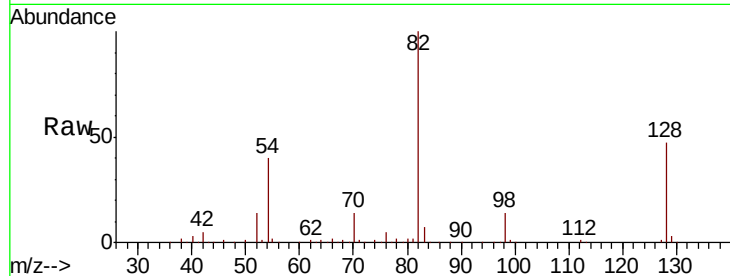




#23
 Nitrobenzene-d5
 Concen: 95.833 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

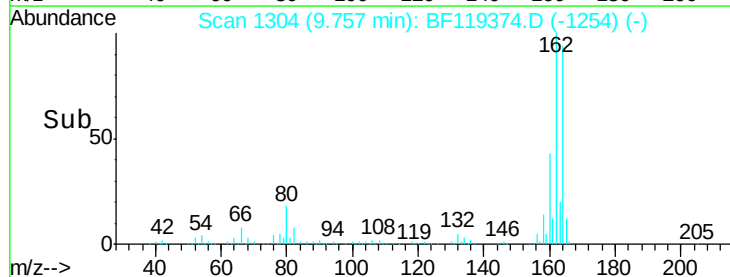
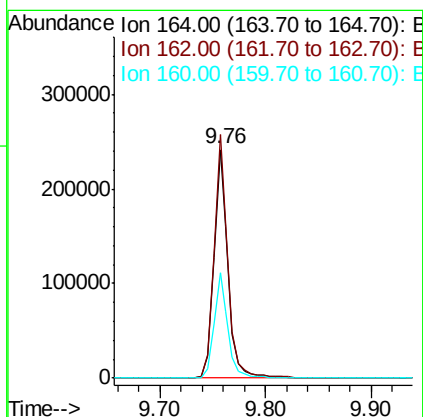
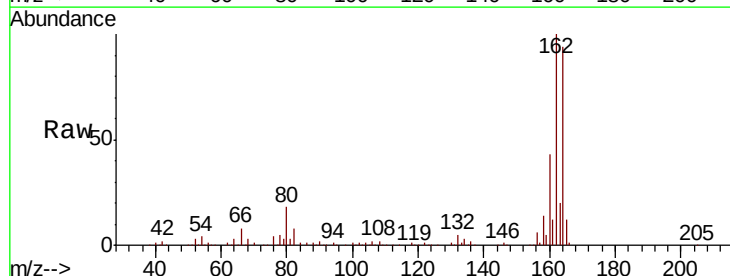
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031020

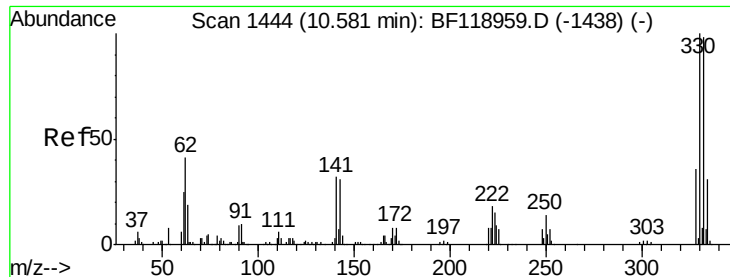
Tot Ion	82	Resp	817085
Ion Ratio	100	Lower	Upper
128	46.7	37.9	56.9
54	40.4	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Tgt Ion	164	Resp	226248
Ion Ratio	100	Lower	Upper
162	106.4	81.8	122.8
160	45.9	36.0	54.0

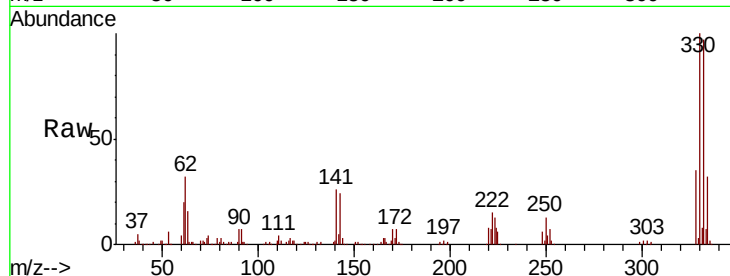




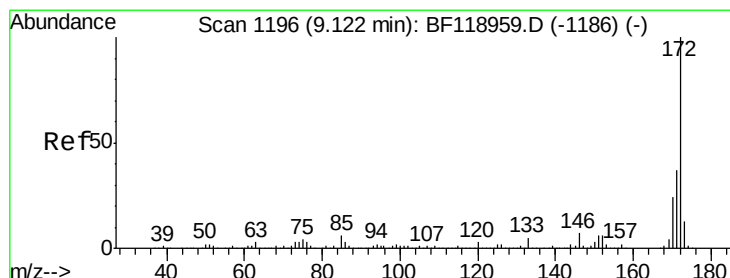
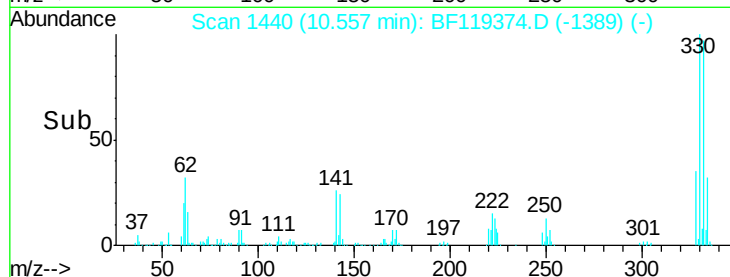
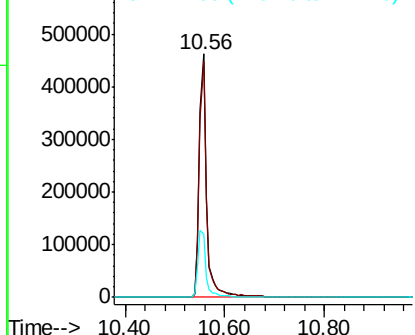
#42
 2,4,6-Tribromophenol
 Concen: 161.516 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-031020

Tot Ion:330 Resp: 478040
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 30.2 22.9 34.3

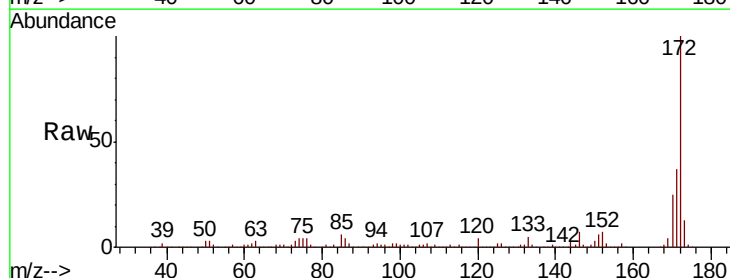


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

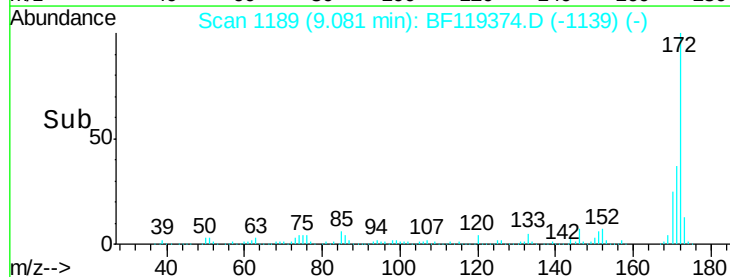
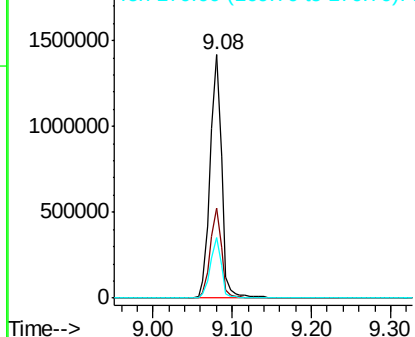


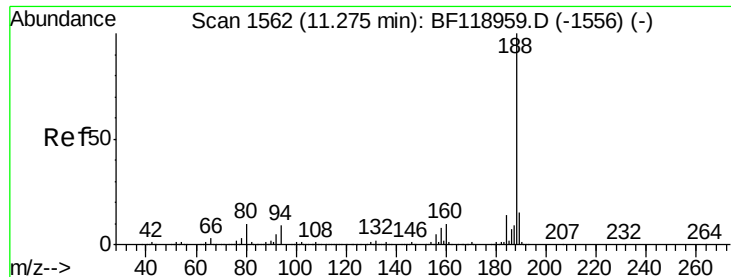
#45
 2-Fluorobiphenyl
 Concen: 93.418 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Tgt Ion:172 Resp: 1434701
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 45.8
 170 24.6 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

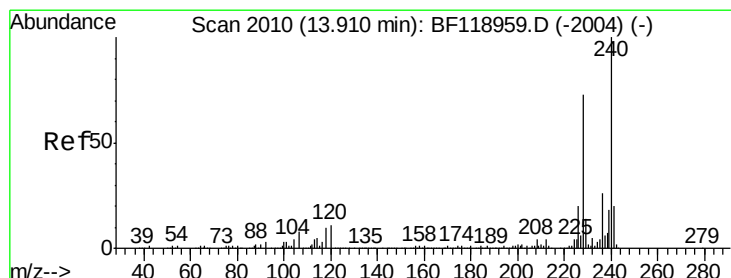
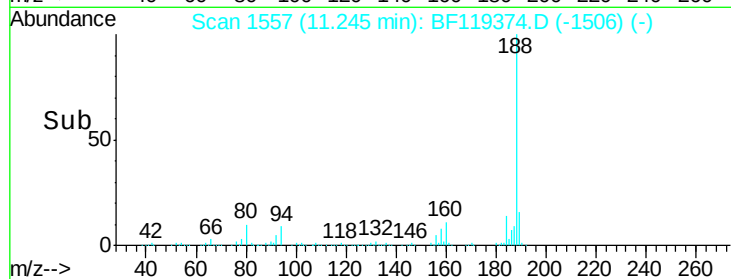
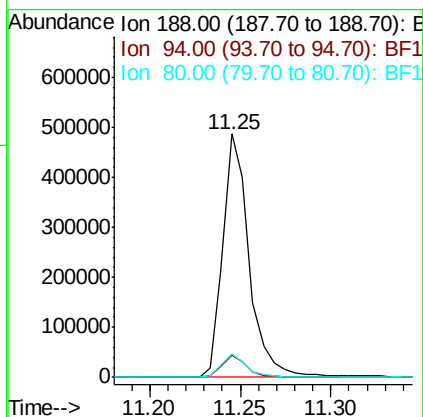
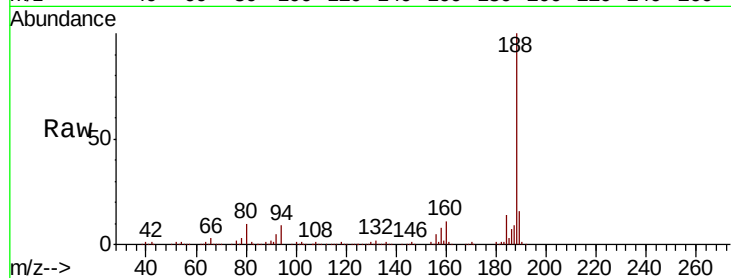




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

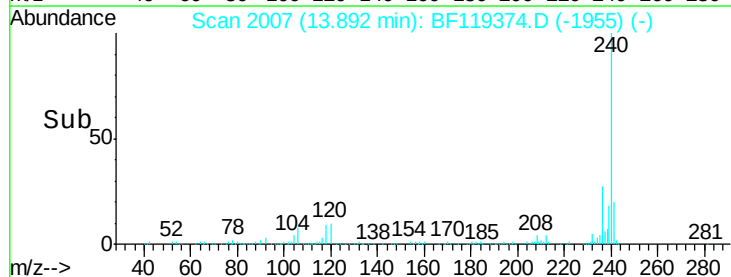
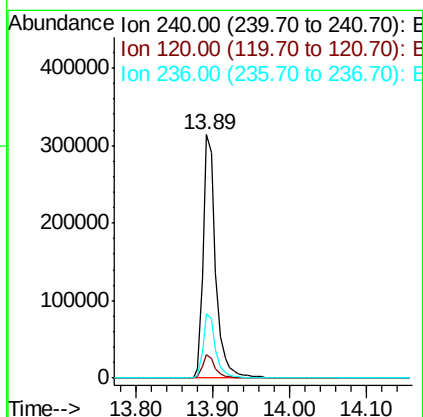
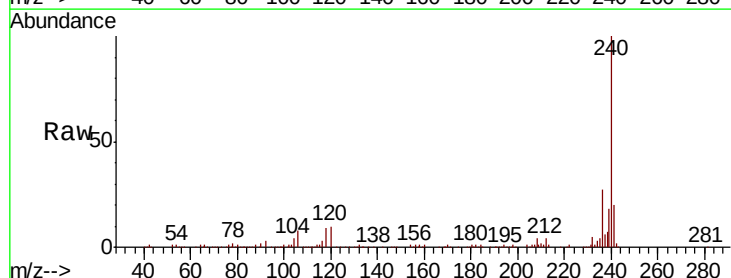
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BNA_F
ClientSampleId :
OR-03-031020

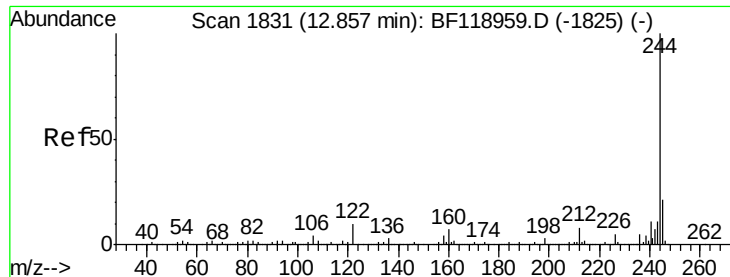
Tot Ion:188 Resp: 493625
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.8 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Tgt Ion:240 Resp: 355996
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.5 21.0 31.4





#79

Terphenyl-d14

Concen: 101.241 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

Instrument :

BNA_F

ClientSampleId :

OR-03-031020

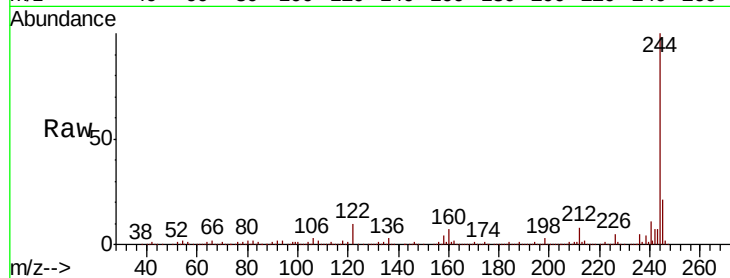
Tot Ion:244 Resp: 2093398

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

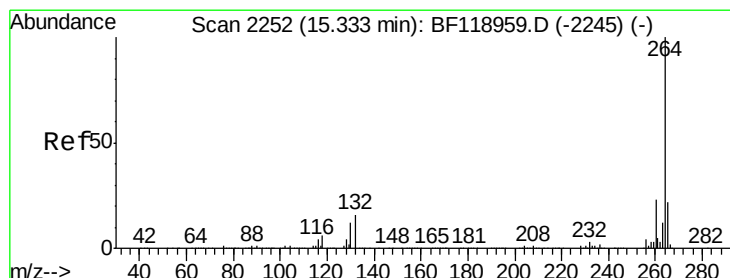
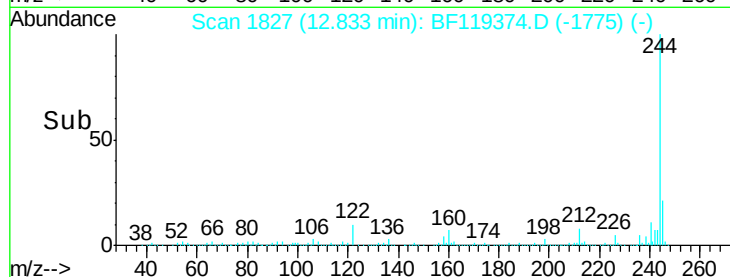
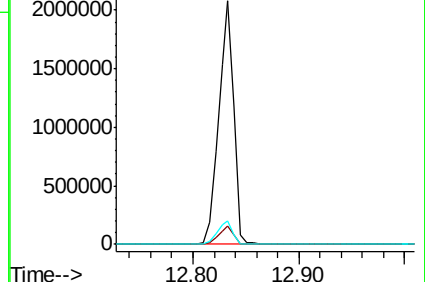
122 9.8 8.2 12.2



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: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

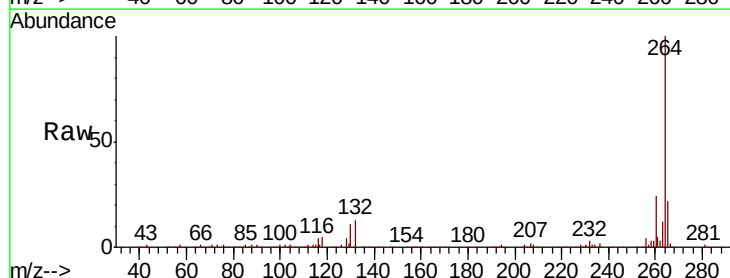
Tgt Ion:264 Resp: 349834

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

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

