

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119421.D
 Acq On : 18 Mar 2020 18:03
 Operator : CG/JU
 Sample : L1933-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Quant Time: Mar 19 04:51:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

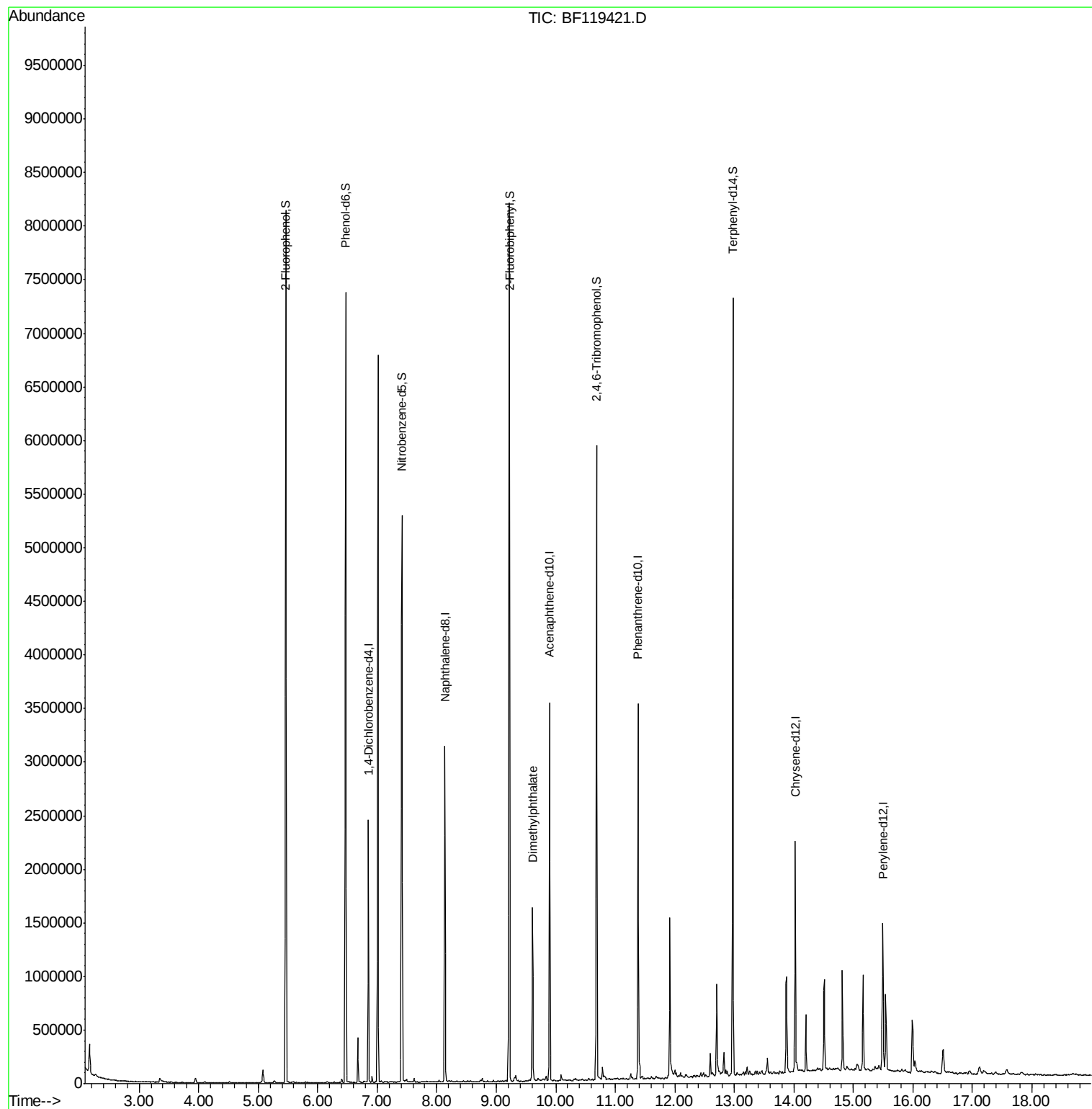
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	349754	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1331123	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	669942	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1216757	20.00	ng	0.00
76) Chrysene-d12	14.03	240	721733	20.00	ng	0.00
87) Perylene-d12	15.49	264	643467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2157001	98.18	ng	0.01
7) Phenol-d6	6.47	99	2722127	96.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	1705518	69.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	677920	98.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2773777	61.34	ng	0.00
79) Terphenyl-d14	12.97	244	2684155	72.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	587953	12.356	ng	Qvalue 99

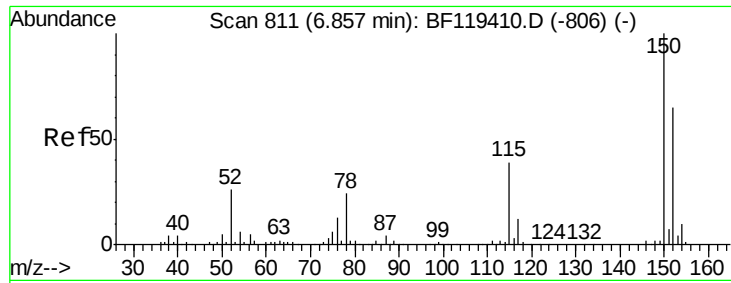
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

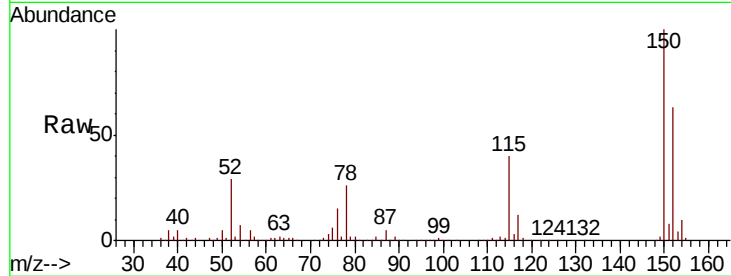
Tot Ion:152 Resp: 349754

Ion Ratio Lower Upper

152 100

150 158.6 123.9 185.9

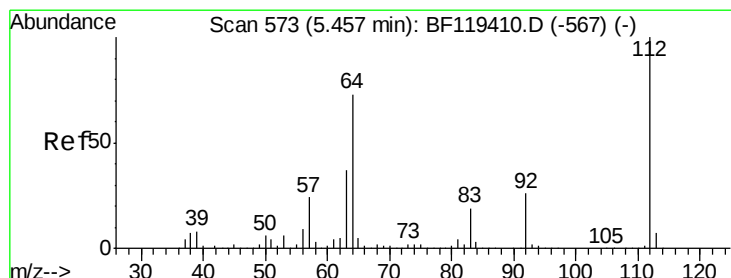
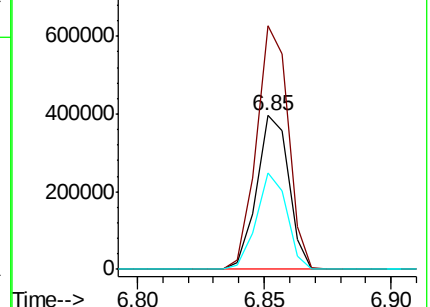
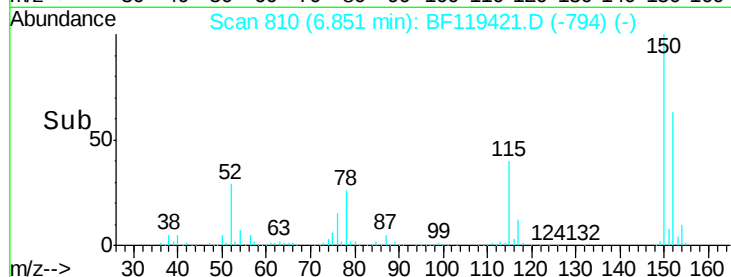
115 63.0 47.8 71.6



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: 98.176 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

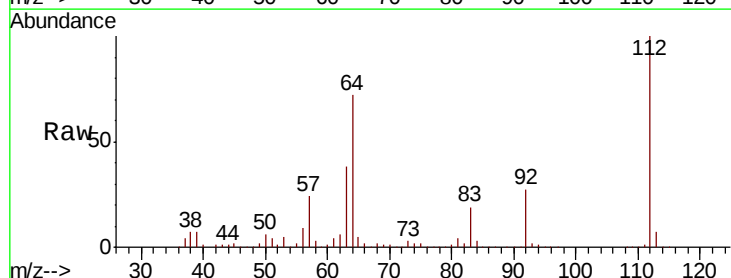
Tgt Ion:112 Resp: 2157001

Ion Ratio Lower Upper

112 100

64 72.2 58.1 87.1

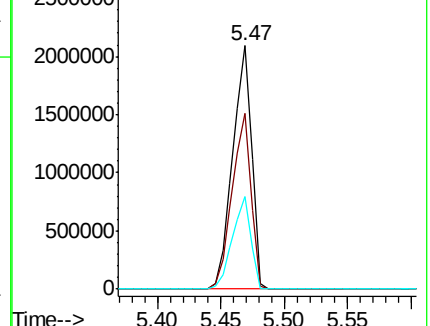
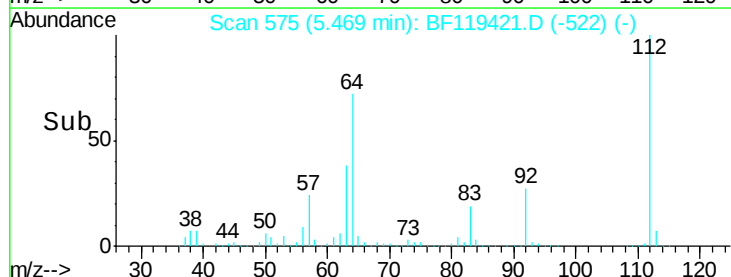
63 37.8 29.7 44.5

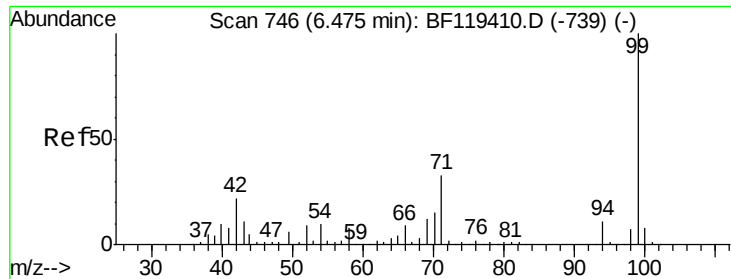


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.990 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Instrument :

BNA_F

ClientSampleId :

72-11976

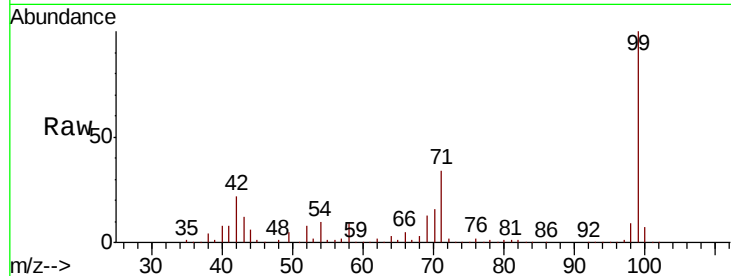
Tot Ion: 99 Resp: 2722127

Ion Ratio Lower Upper

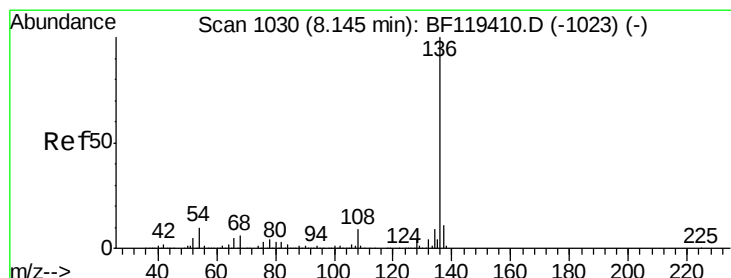
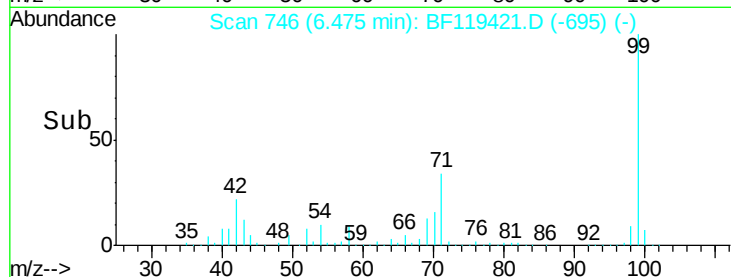
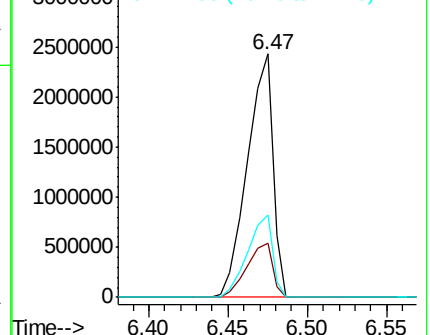
99 100

42 22.1 17.8 26.6

71 33.7 26.0 39.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119421.D

Acq: 18 Mar 2020 18:03

Tgt Ion: 136 Resp: 1331123

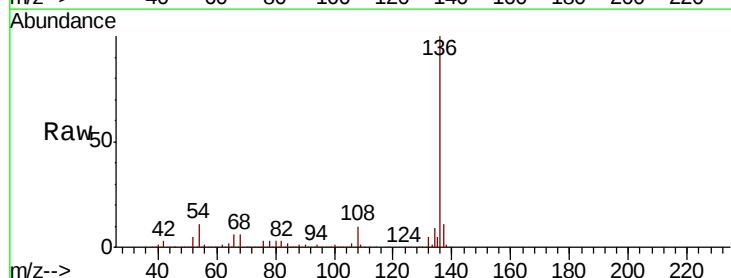
Ion Ratio Lower Upper

136 100

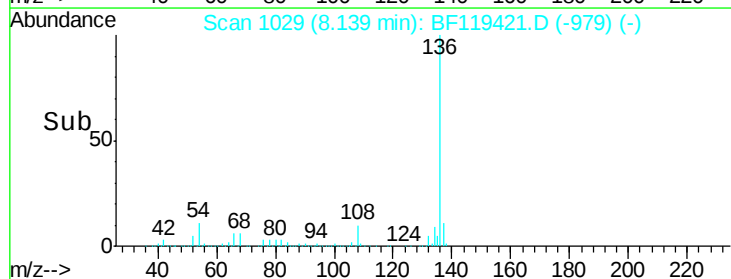
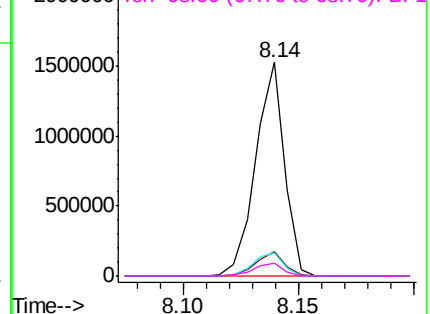
137 11.1 8.4 12.6

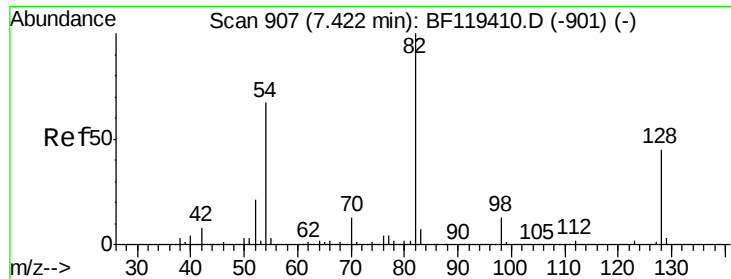
54 11.1 8.3 12.5

68 6.0 4.9 7.3



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

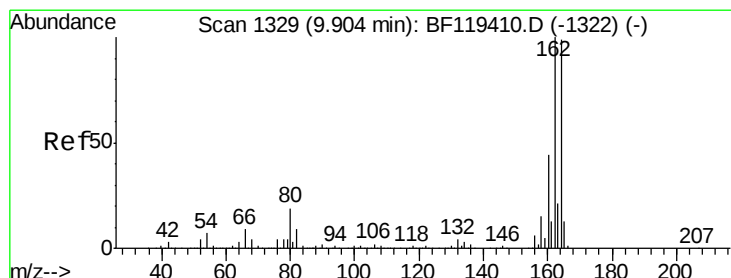
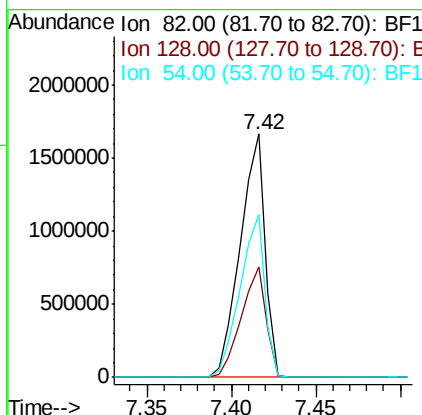
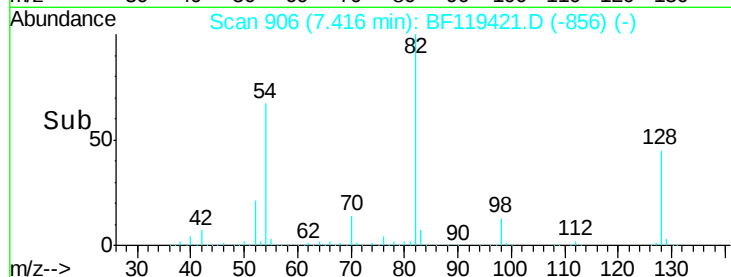
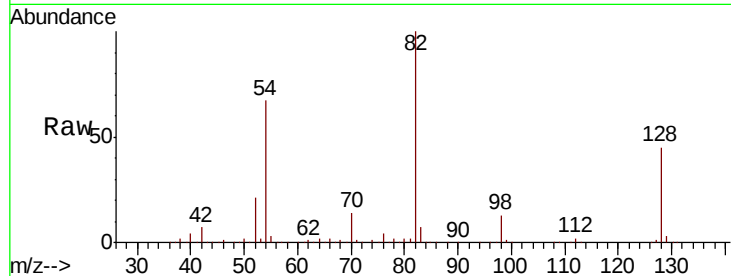




#23
Nitrobenzene-d5
Concen: 69.634 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

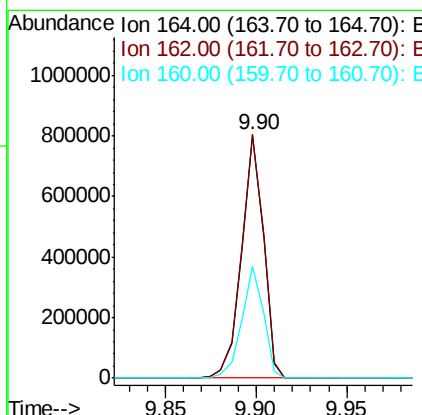
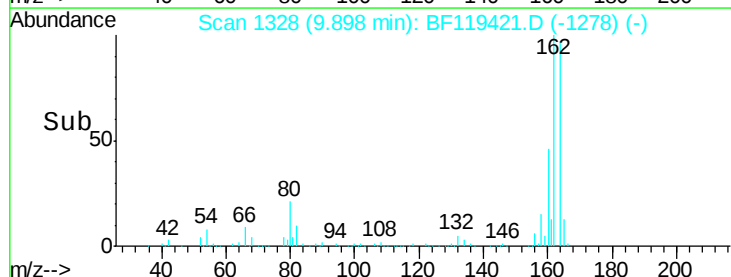
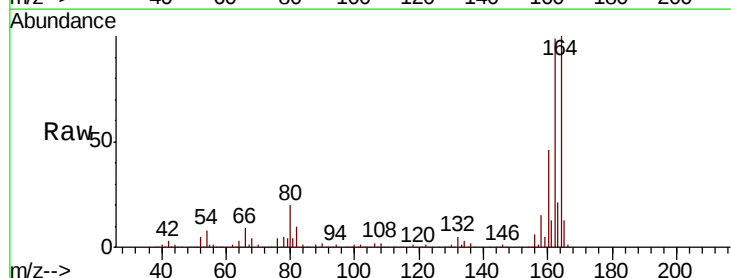
Instrument :
BNA_F
ClientSampleId :
72-11976

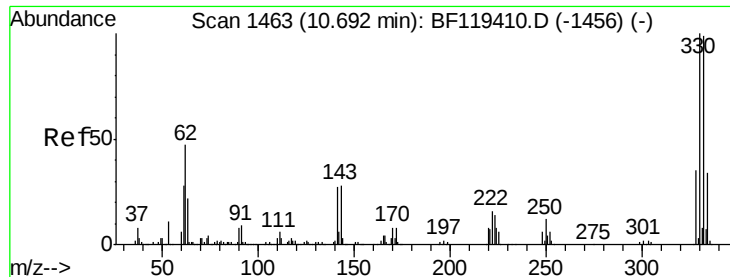
Tot Ion: 82 Resp: 1705518
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 67.1 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion: 164 Resp: 669942
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 45.8 35.5 53.3

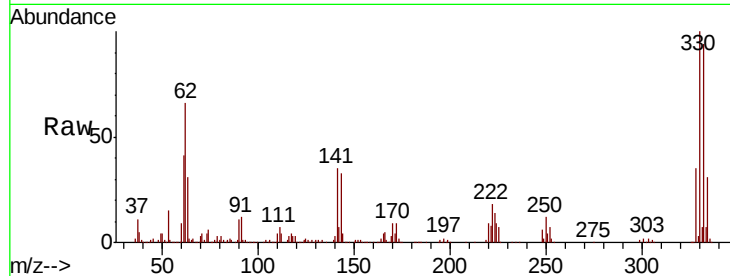




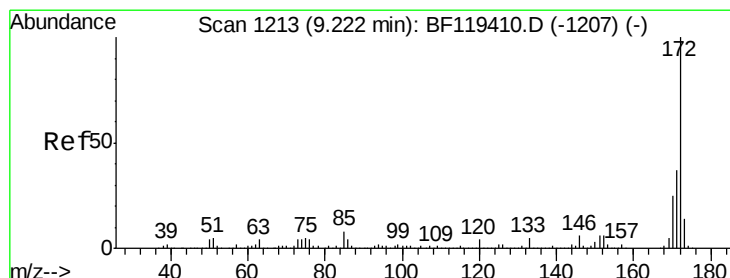
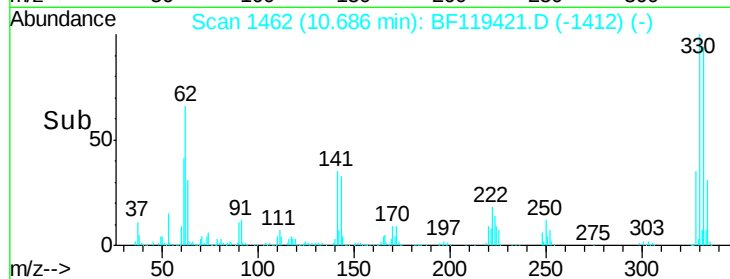
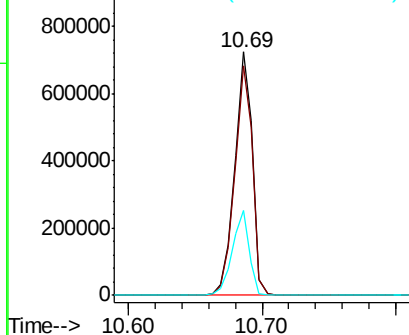
#42
 2,4,6-Tribromophenol
 Concen: 98.085 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	33.8	26.6	40.0

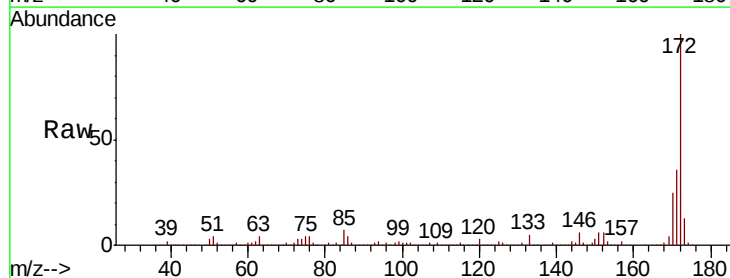


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

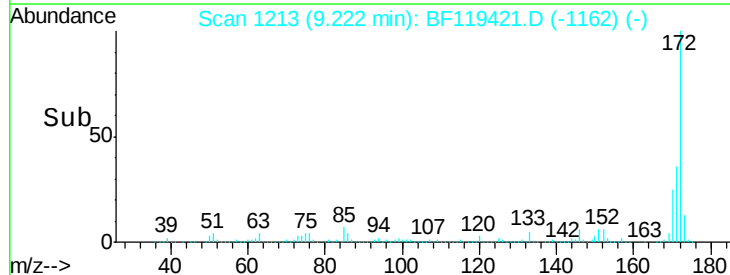
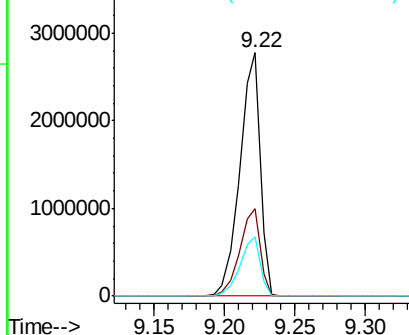


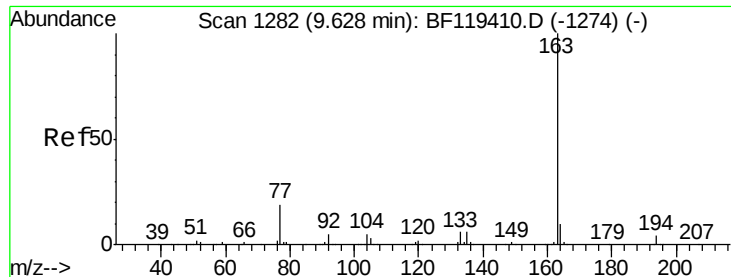
#45
 2-Fluorobiphenyl
 Concen: 61.338 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.6	20.1	30.1



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

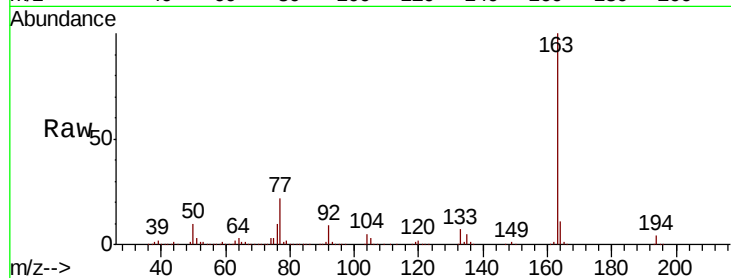




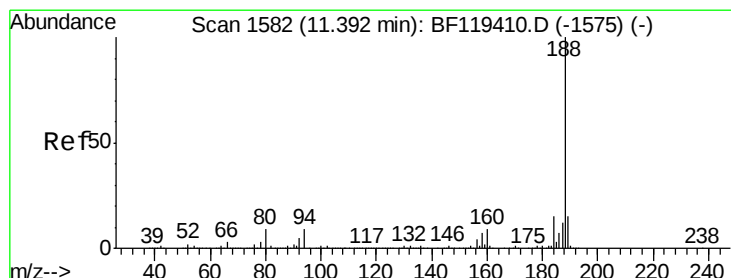
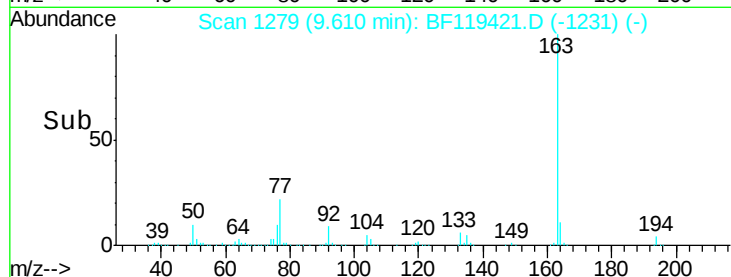
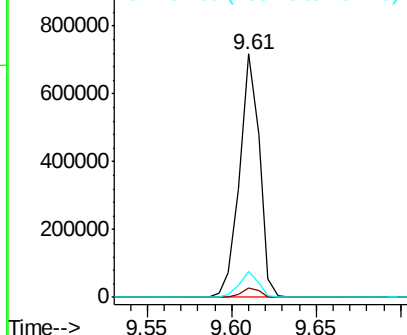
#50
Dimethylphthalate
Concen: 12.356 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampled :
72-11976

Tot Ion:163 Resp: 587953
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.5 8.1 12.1

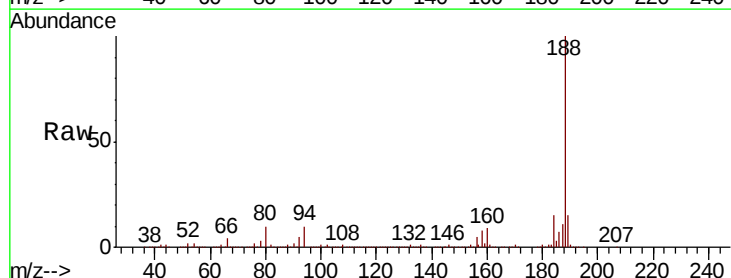


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

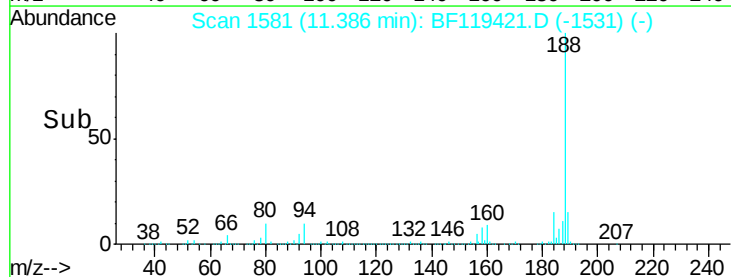
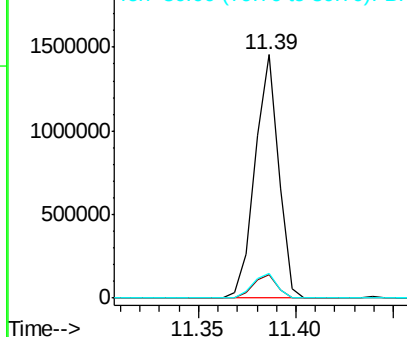


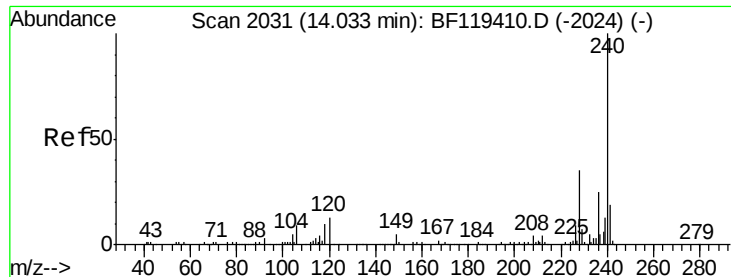
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Tgt Ion:188 Resp: 1216757
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.2 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

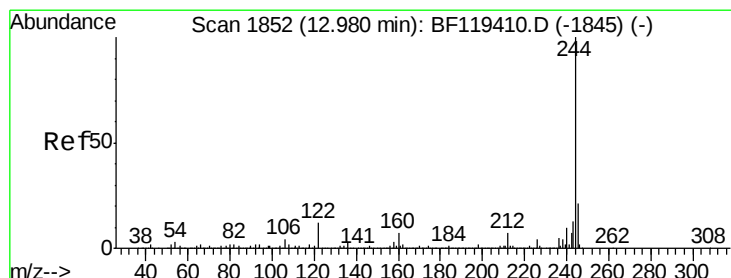
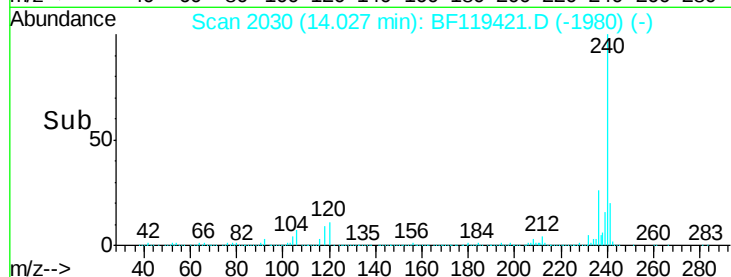
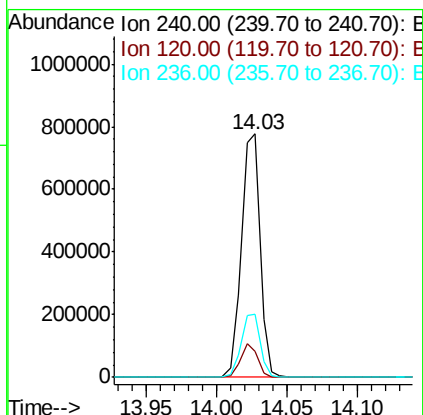
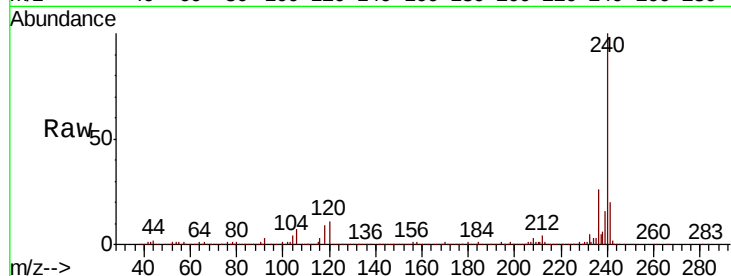




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

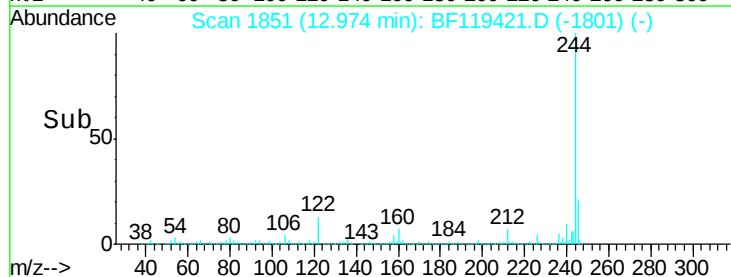
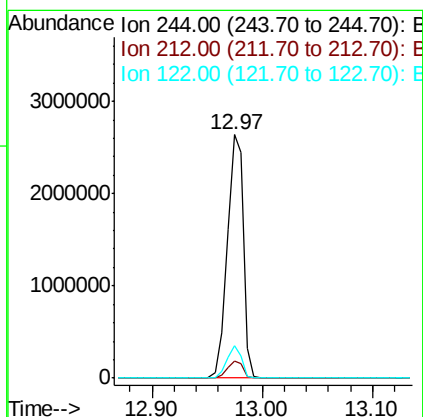
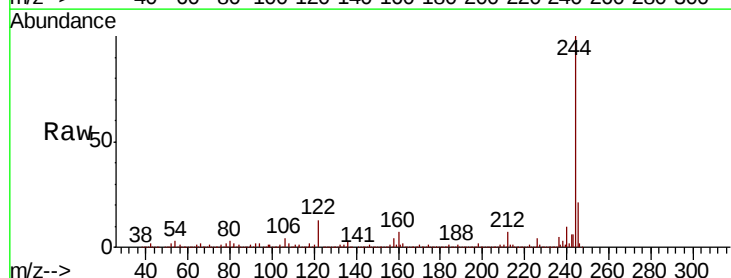
Instrument :
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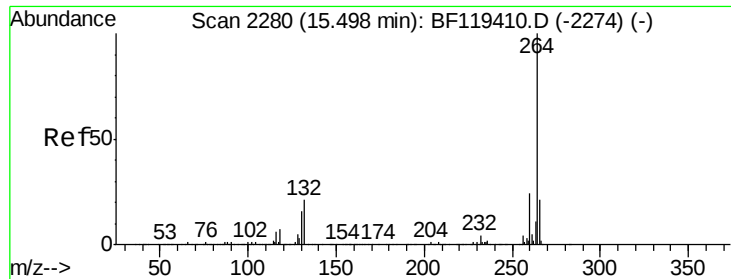
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.2	15.4
236	25.8	20.4	30.6



#79
 Terphenyl-d14
 Concen: 72.864 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119421.D
 Acq: 18 Mar 2020 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.2	9.8	14.8

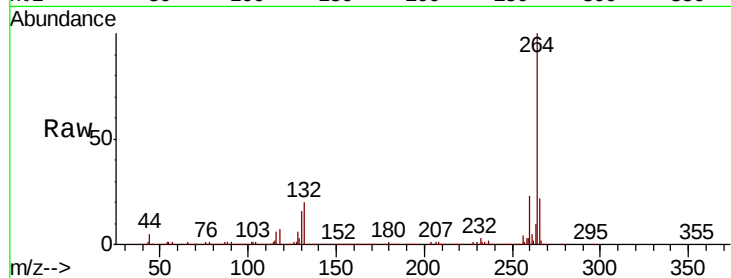




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119421.D
Acq: 18 Mar 2020 18:03

Instrument :
BNA_F
ClientSampleId :
72-11976

Tot Ion:	264	Resp:	643467
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	16.9	25.3



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

