

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120430.D
 Acq On : 29 May 2020 1:43
 Operator : MA/SJ
 Sample : L2744-06 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM64-COMP-2020-0-6

Quant Time: May 29 06:03:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	215293	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	729270	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	323070	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	581955	20.00	ng	0.00
76) Chrysene-d12	14.00	240	520225	20.00	ng	0.00
86) Perylene-d12	15.45	264	428602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	104707	9.27	ng	0.00
7) Phenol-d6	6.46	99	122991	8.83	ng	-0.01
23) Nitrobenzene-d5	7.39	82	68346	6.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	24896	8.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	144990	7.61	ng	0.00
79) Terphenyl-d14	12.95	244	154100	6.59	ng	0.00

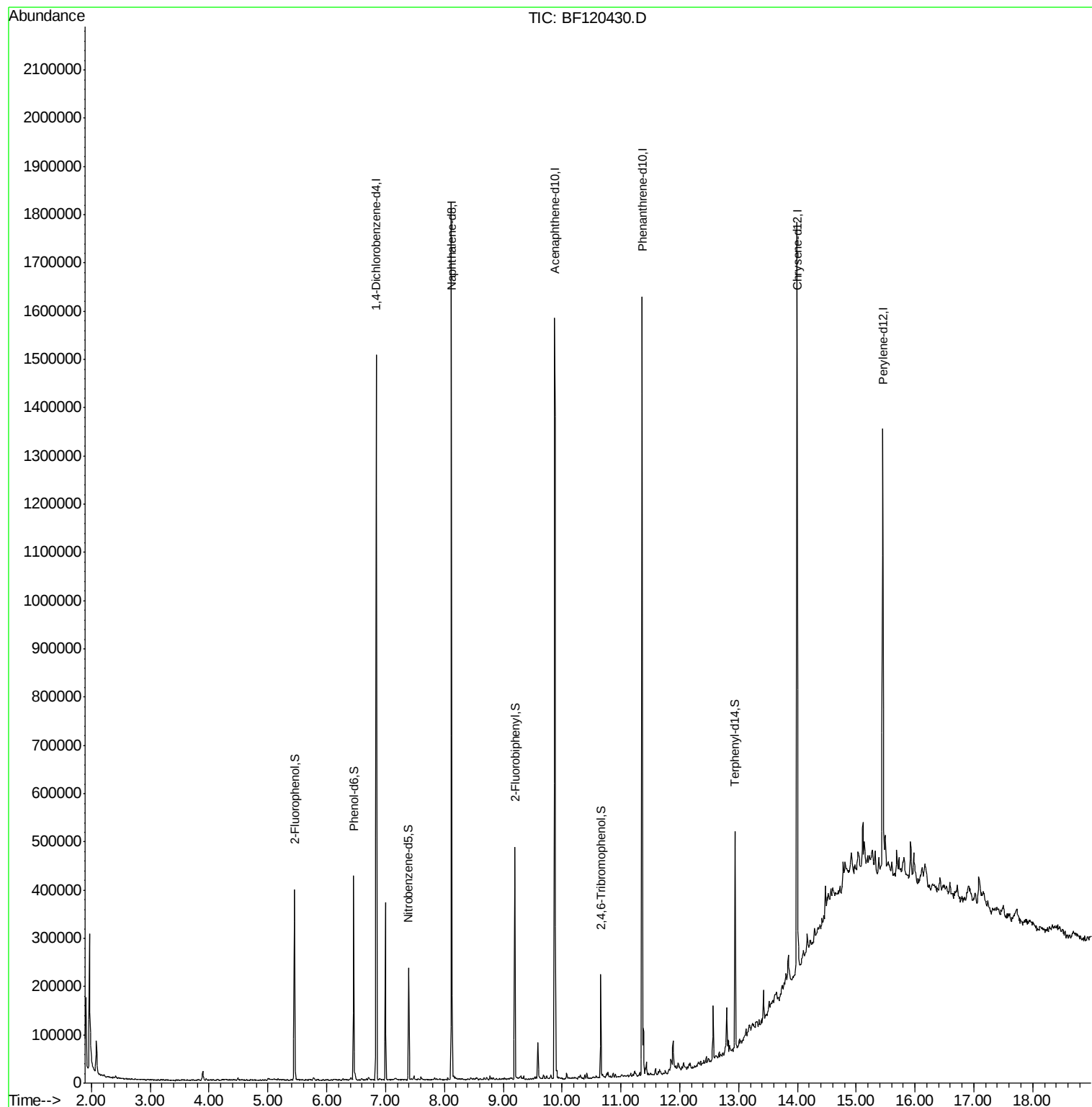
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Instrument :

BNA_F

ClientSampleId :

NM64-COMP-2020-0-6

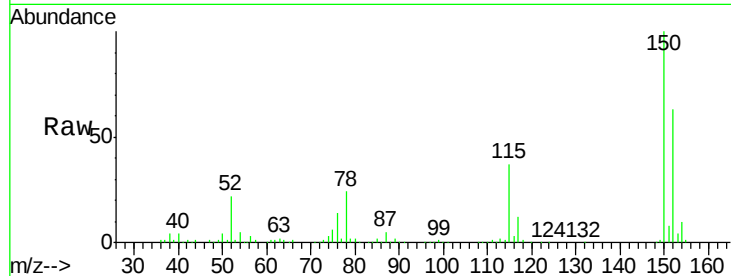
Tgt Ion:152 Resp: 215293

Ion Ratio Lower Upper

152 100

150 159.1 126.5 189.7

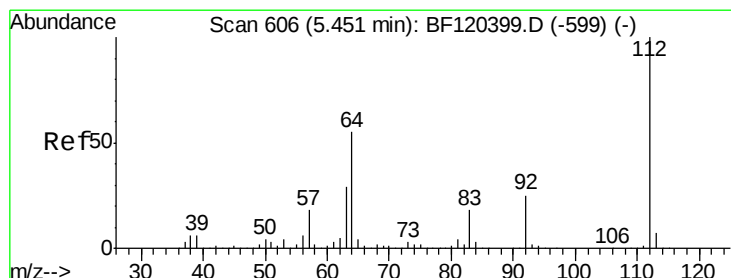
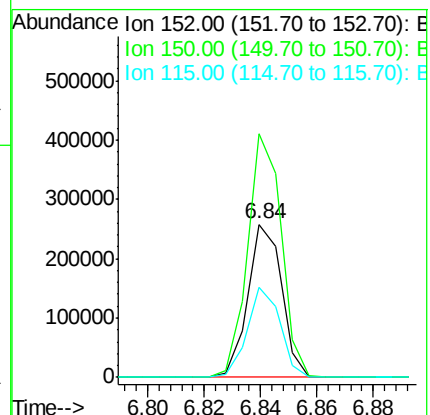
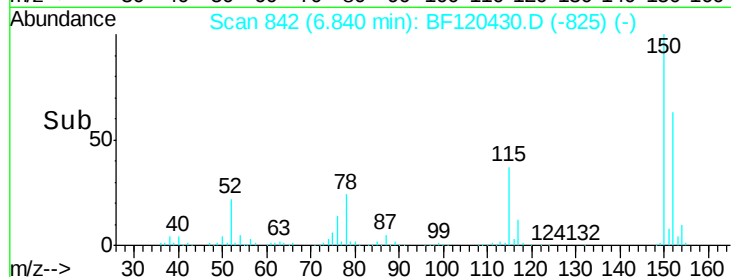
115 58.9 47.6 71.4



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: 9.27 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

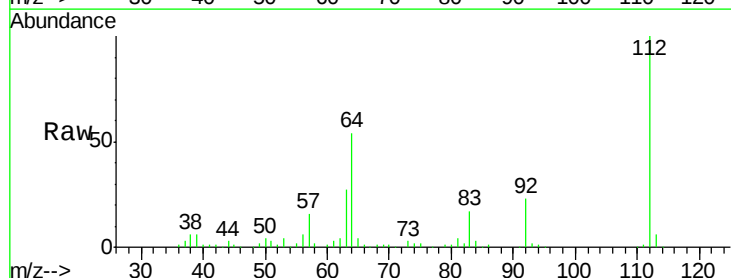
Tgt Ion:112 Resp: 104707

Ion Ratio Lower Upper

112 100

64 54.1 44.3 66.5

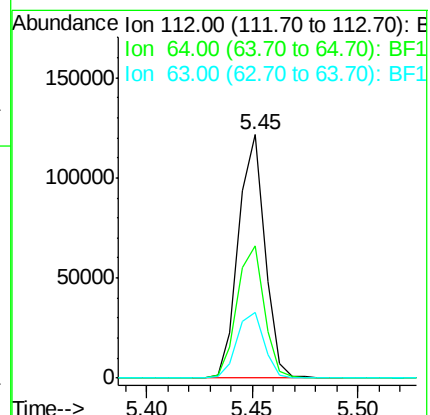
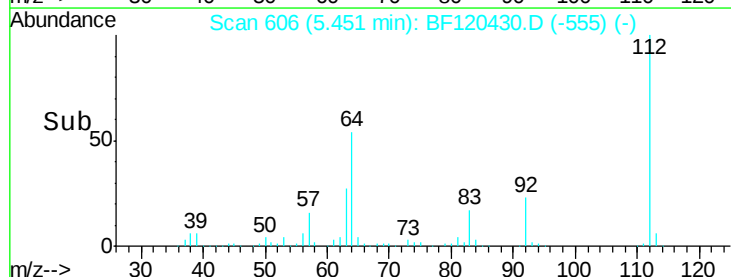
63 26.8 22.9 34.3



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: 8.83 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Instrument :

BNA_F

ClientSampleId :

NM64-COMP-2020-0-6

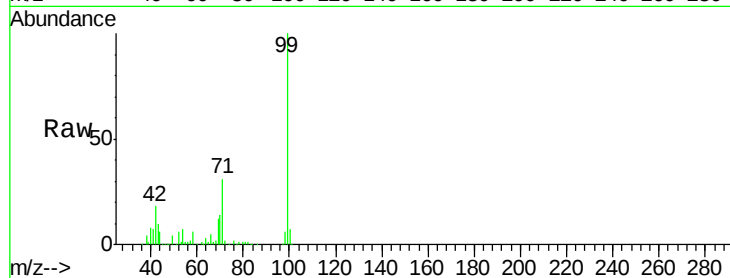
Tgt Ion: 99 Resp: 122991

Ion Ratio Lower Upper

99 100

42 18.1 15.2 22.8

71 30.5 25.6 38.4



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

6.46

150000

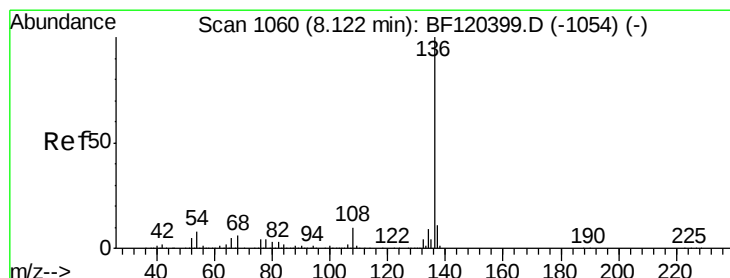
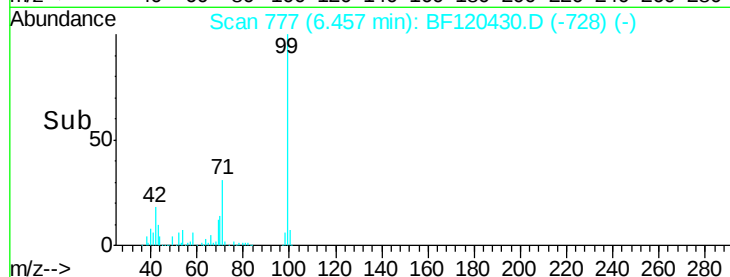
100000

50000

0

6.40 6.45 6.50 6.55

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Tgt Ion: 136 Resp: 729270

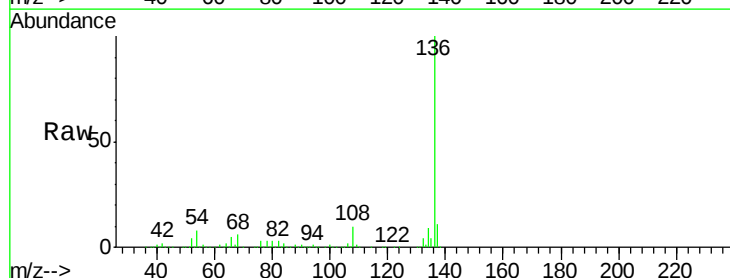
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 6.7 10.1

68 6.2 5.0 7.4



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

8.12

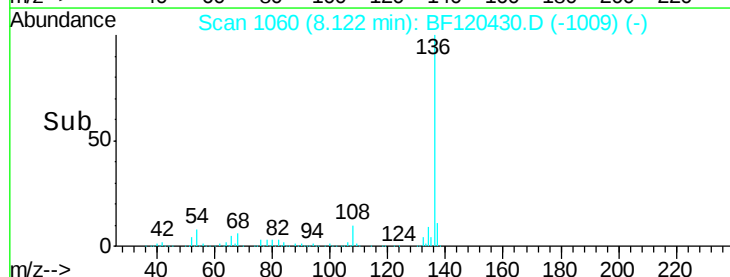
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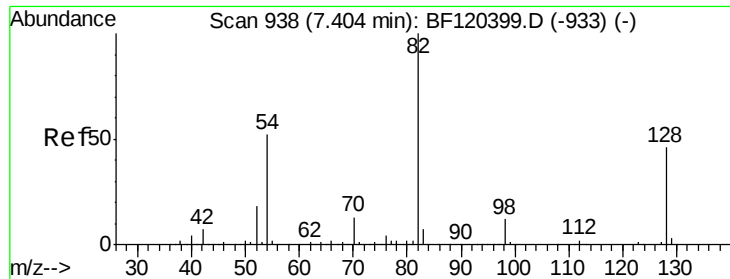
500000

0

8.10 8.15

Time-->

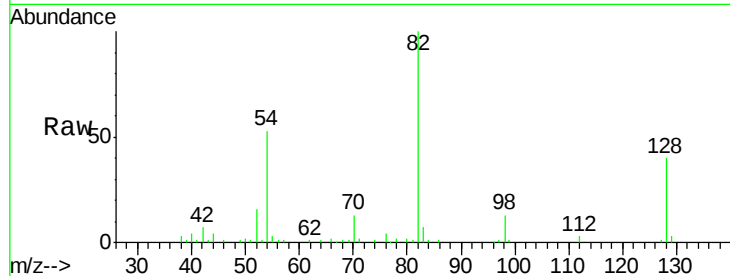




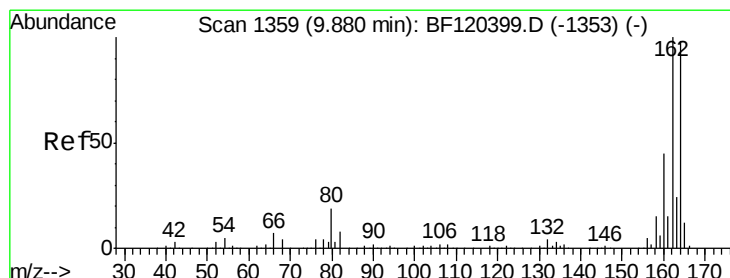
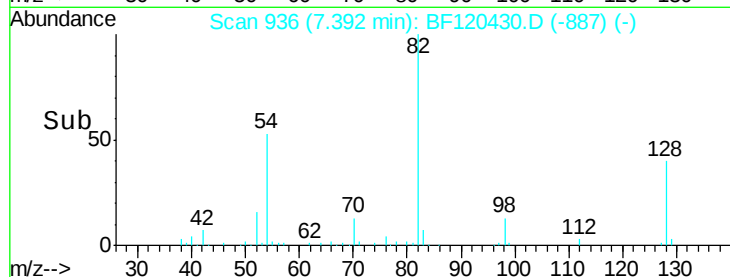
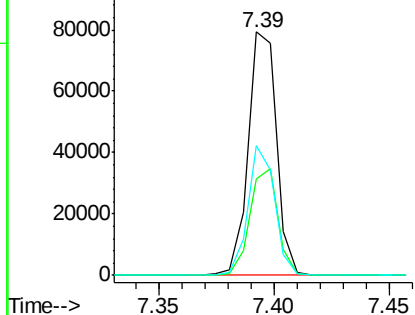
#23
Nitrobenzene-d5
Concen: 6.13 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Instrument :
BNA_F
ClientSampleId :
NM64-COMP-2020-0-6

Tgt Ion: 82 Resp: 68346
Ion Ratio Lower Upper
82 100
128 39.7 36.8 55.2
54 53.4 41.6 62.4

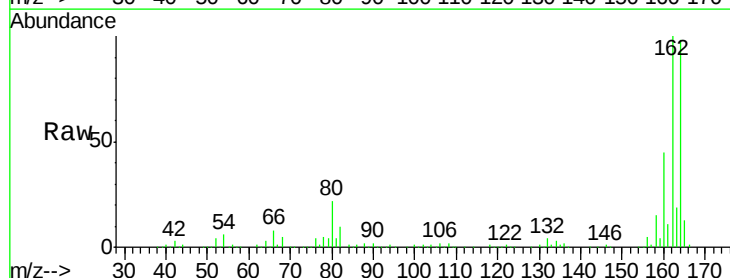


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

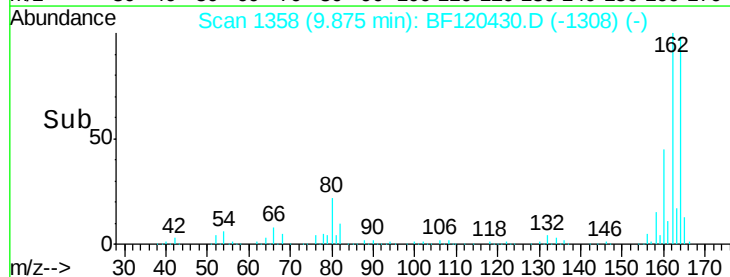
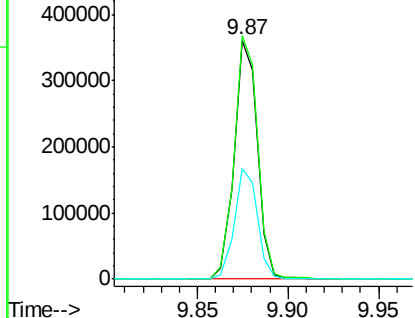


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Tgt Ion: 164 Resp: 323070
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 46.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

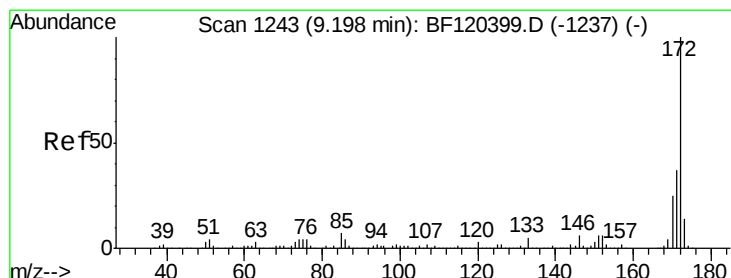
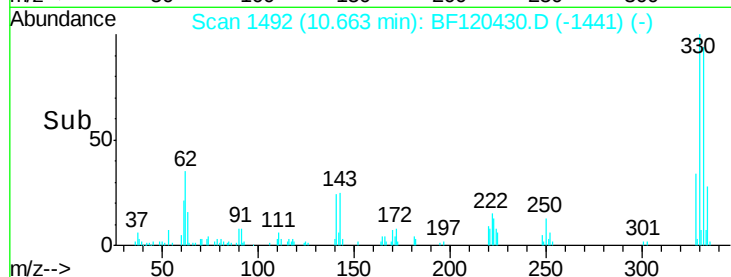
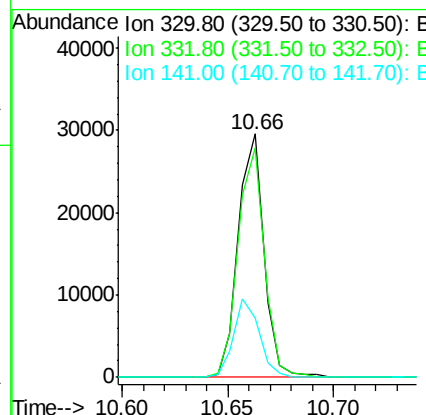
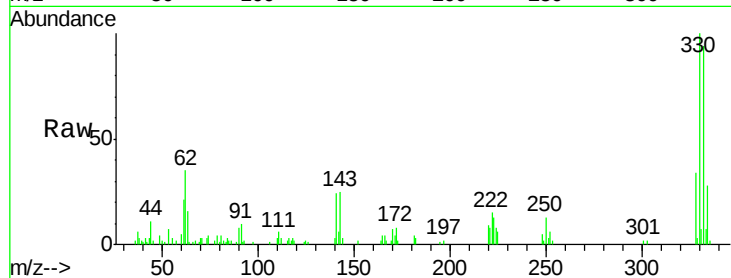




#42
 2,4,6-Tribromophenol
 Concen: 8.32 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120430.D
 Acq: 29 May 2020 1:43

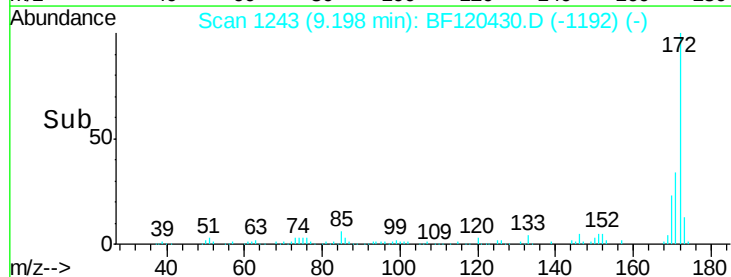
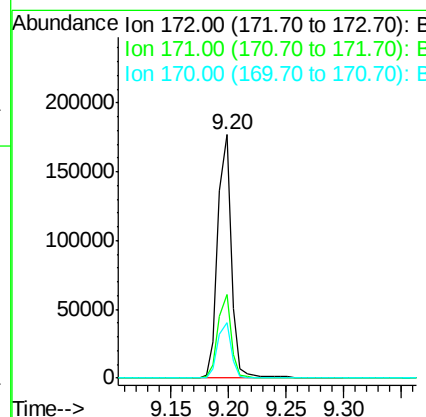
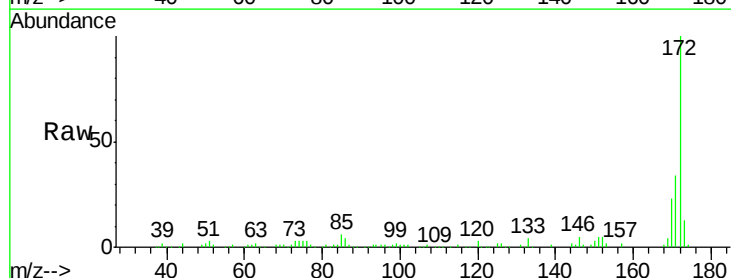
Instrument :
 BNA_F
 ClientSampleId :
 NM64-COMP-2020-0-6

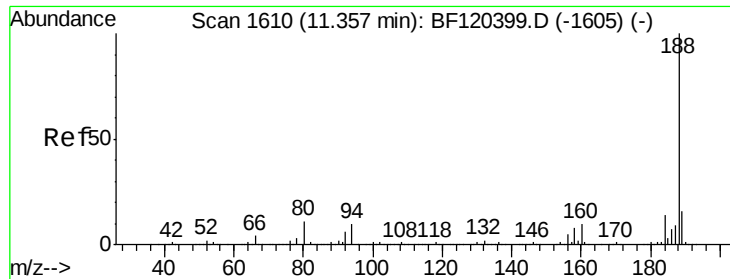
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.0	25.3	37.9



#45
 2-Fluorobiphenyl
 Concen: 7.61 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120430.D
 Acq: 29 May 2020 1:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.8	19.9	29.9

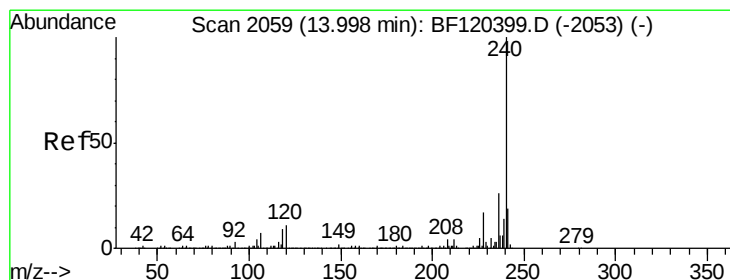
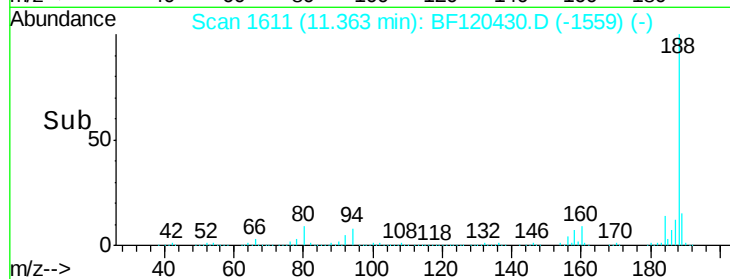
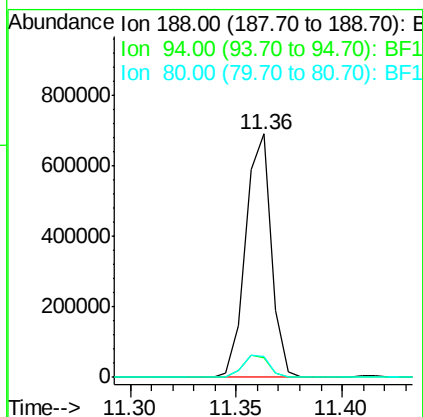
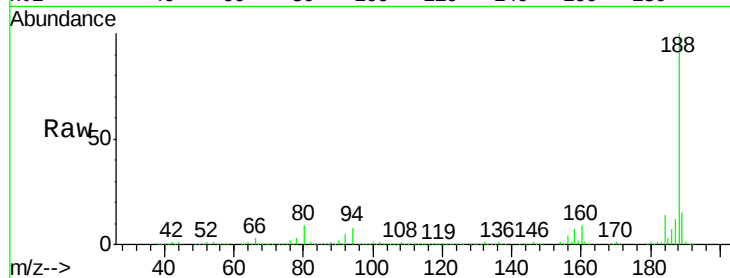




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

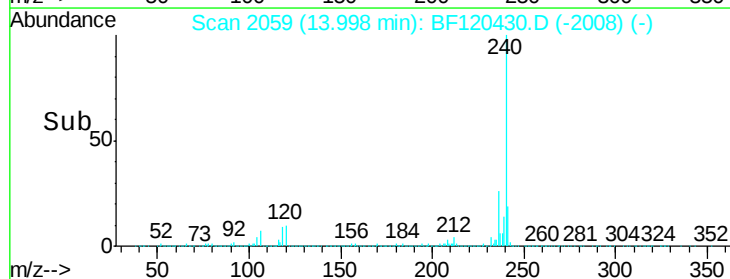
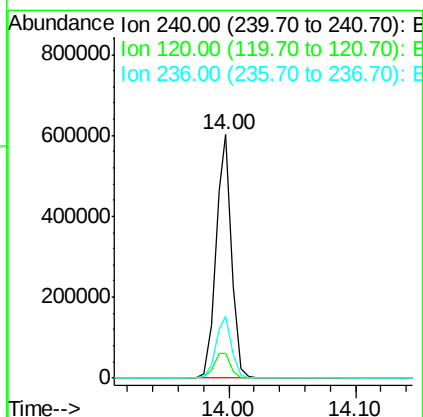
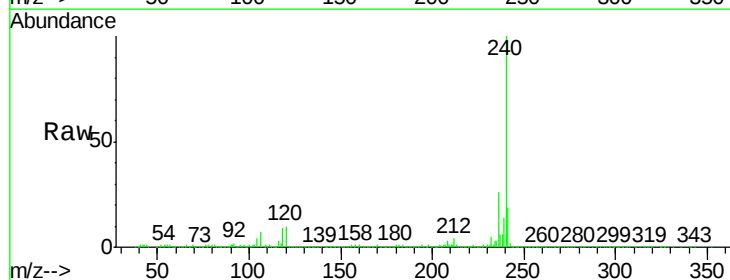
Instrument :
BNA_F
ClientSampleId :
NM64-COMP-2020-0-6

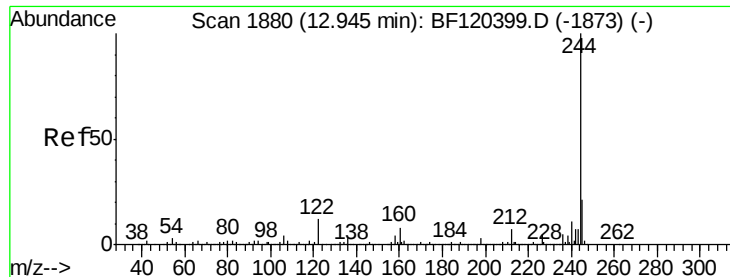
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	581955		
94	8.3		7.9	11.9
80	8.6		8.6	13.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120430.D
Acq: 29 May 2020 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	520225		
120	10.2		8.8	13.2
236	25.6		21.0	31.4





#79

Terphenyl-d14

Concen: 6.59 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

Instrument :

BNA_F

ClientSampleId :

NM64-COMP-2020-0-6

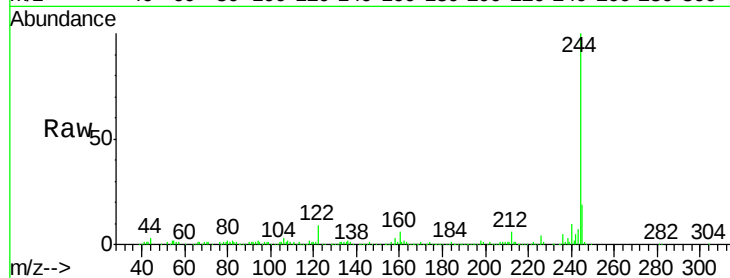
Tgt Ion:244 Resp: 154100

Ion Ratio Lower Upper

244 100

212 6.0 5.9 8.9

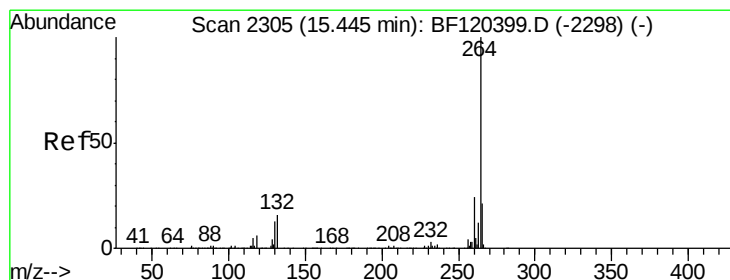
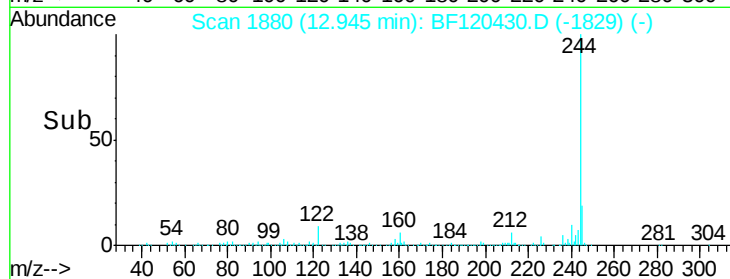
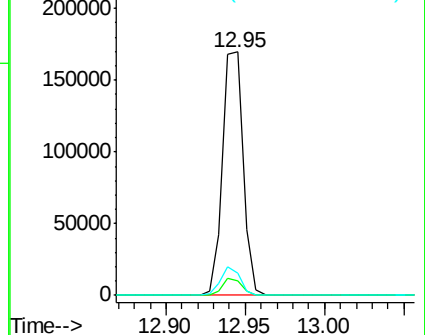
122 9.1 9.2 13.8#



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: 20.00 ng

RT: 15.45 min Scan# 2306

Delta R.T. 0.01 min

Lab File: BF120430.D

Acq: 29 May 2020 1:43

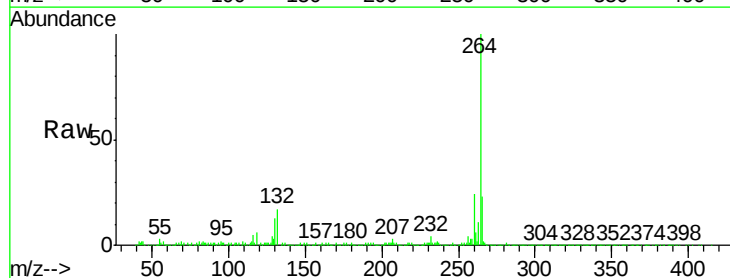
Tgt Ion:264 Resp: 428602

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.5 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

