

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119669.D
 Acq On : 1 Apr 2020 12:46
 Operator : MA/SJ
 Sample : L1762-25
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720

Quant Time: Apr 01 13:18:45 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	6.81	152	258652	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1004342	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	522810	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1017753	20.00	ng	0.00
76) Chrysene-d12	13.99	240	878493	20.00	ng	-0.01
87) Perylene-d12	15.44	264	934680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2081282	128.10	ng	0.03
7) Phenol-d6	6.45	99	2383868	114.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	1827066	98.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	863367	160.07	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3327469	94.29	ng	0.00
79) Terphenyl-d14	12.94	244	3870118	86.31	ng	0.00

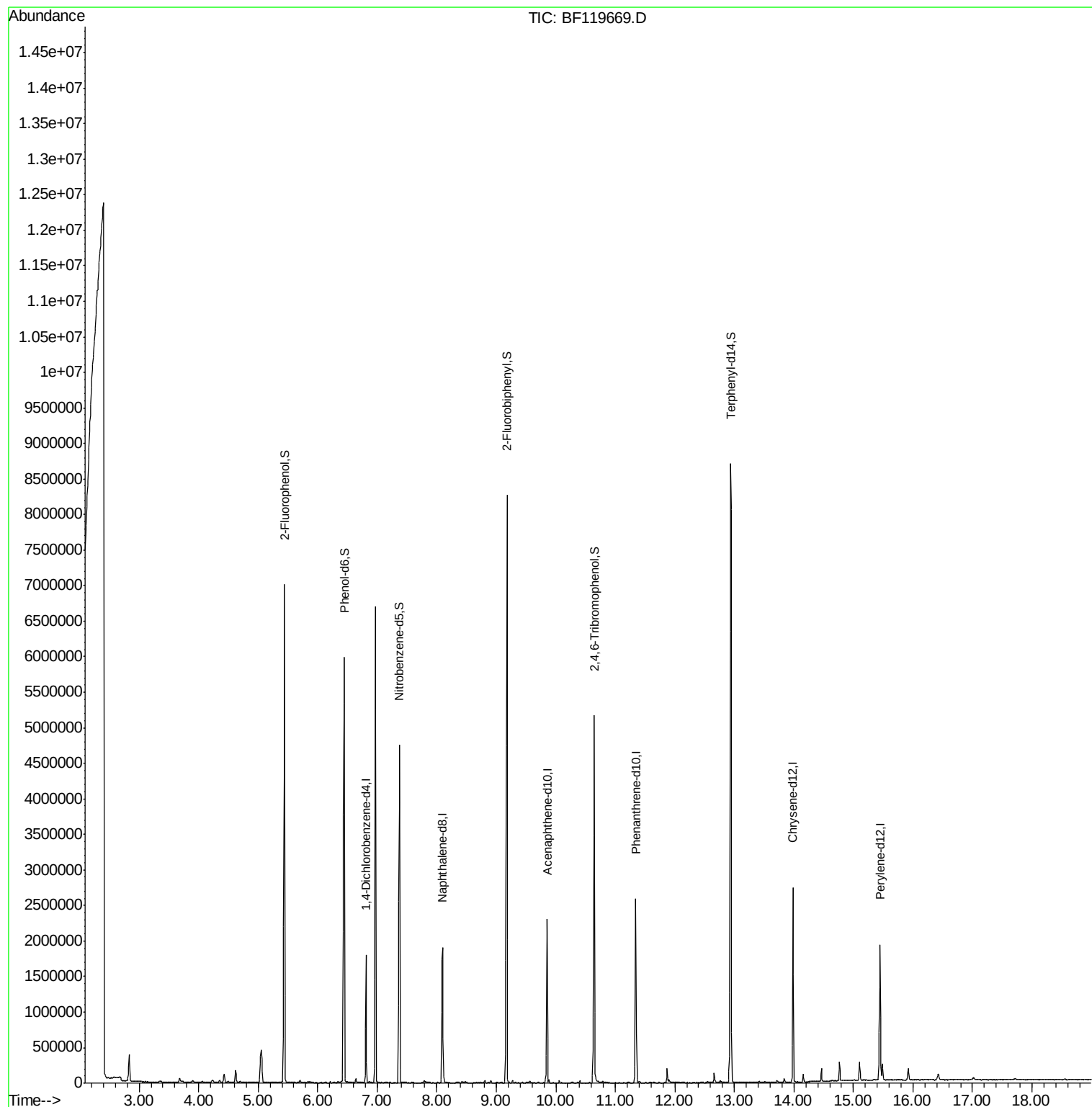
Target Compounds Qvalue

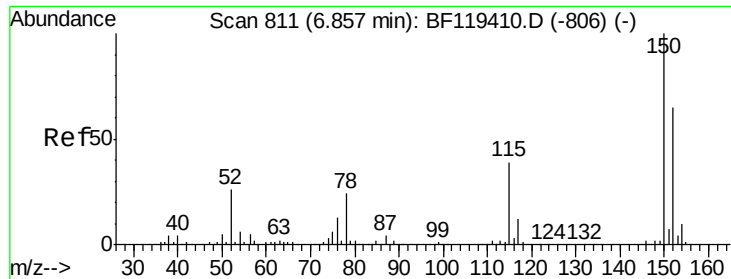
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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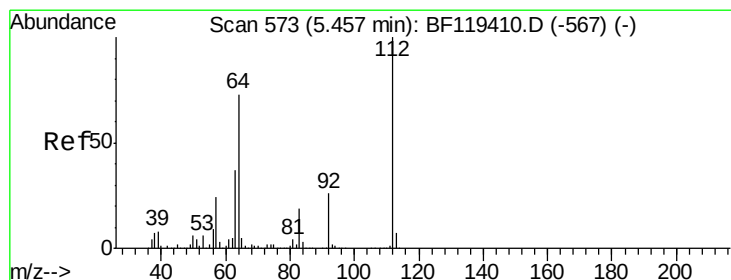
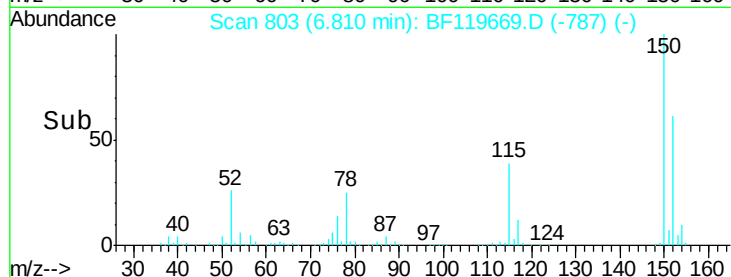
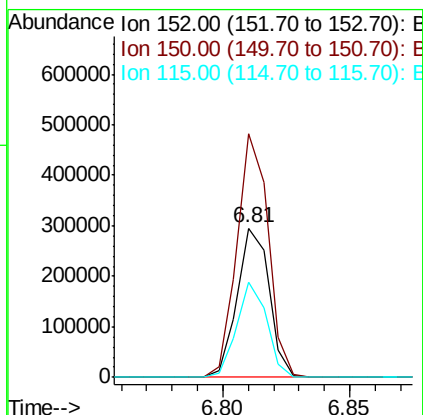
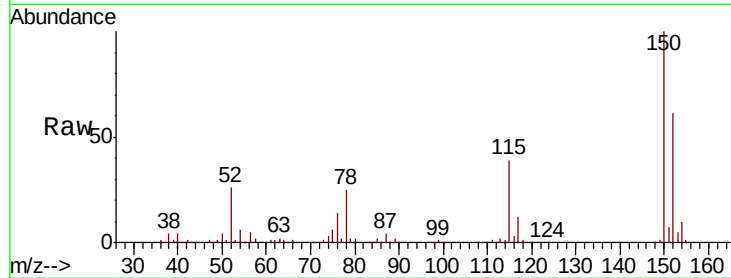


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

Instrument :
BNA_F
ClientSampleId :
TR-04-032720

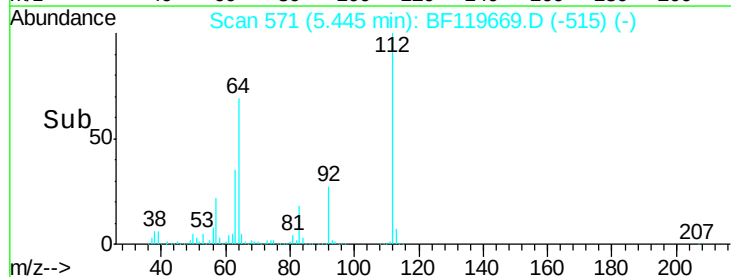
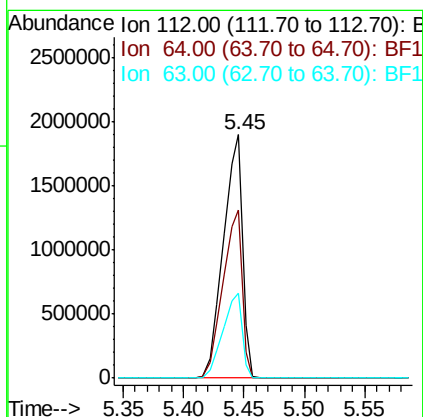
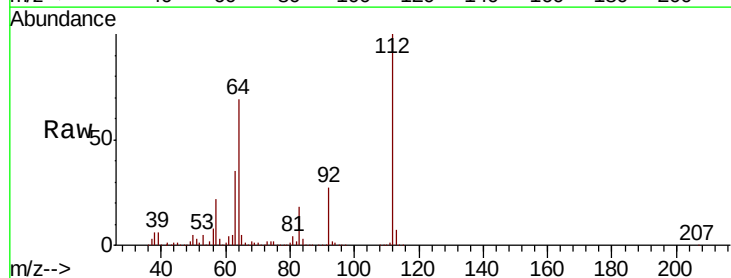
Tot Ion:152 Resp: 258652
Ion Ratio Lower Upper
152 100
150 162.9 124.5 186.7
115 64.0 49.6 74.4

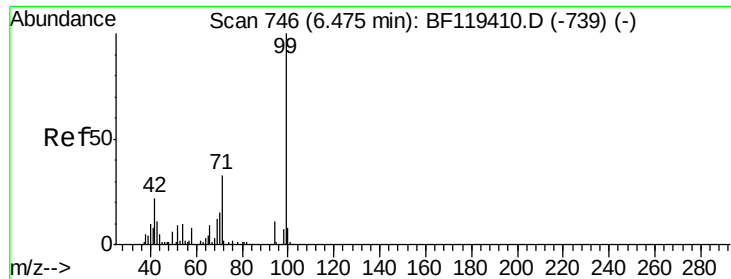


#5

2-Fluorophenol
Concen: 128.095 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

Tgt Ion:112 Resp: 2081282
Ion Ratio Lower Upper
112 100
64 69.1 56.7 85.1
63 34.9 29.5 44.3





#7

Phenol-d6

Concen: 114.854 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Instrument :

BNA_F

ClientSampleId :

TR-04-032720

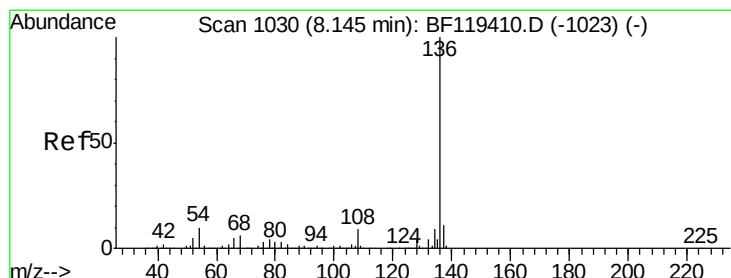
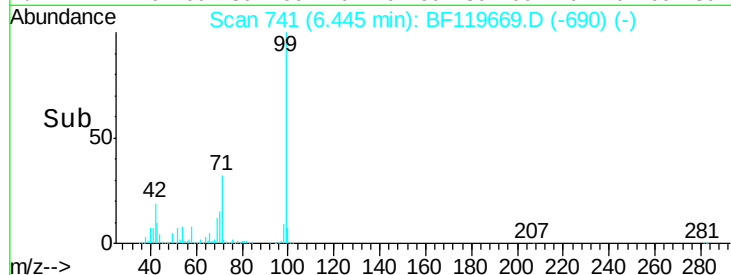
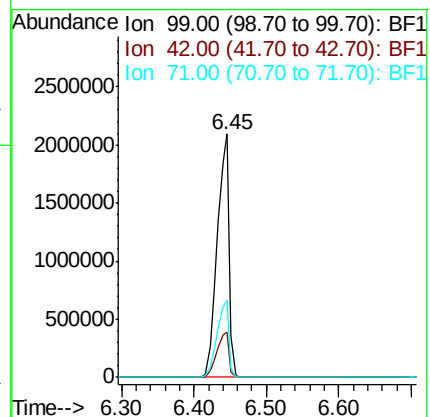
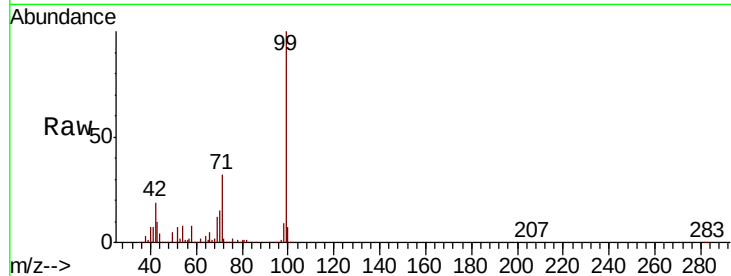
Tot Ion: 99 Resp: 2383868

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 31.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Tgt Ion: 136 Resp: 1004342

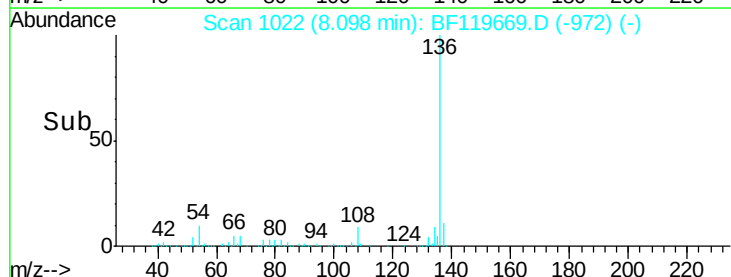
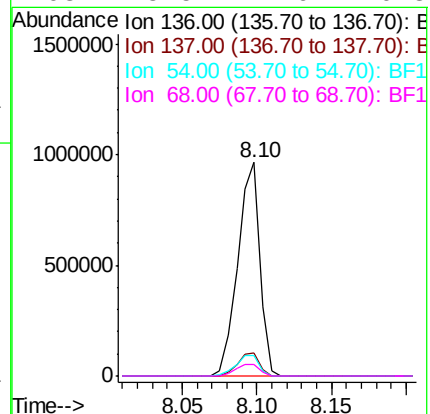
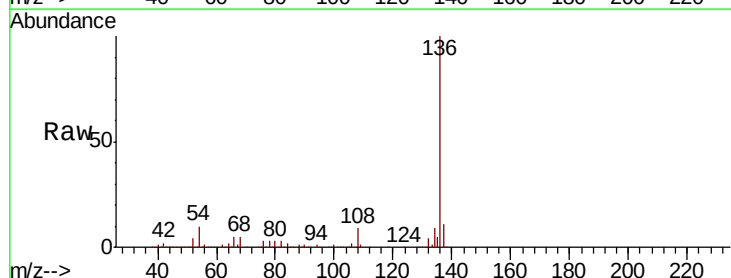
Ion Ratio Lower Upper

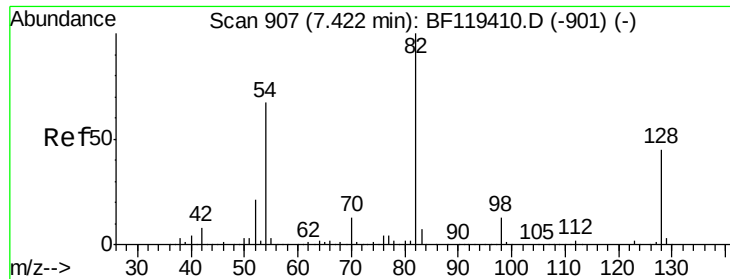
136 100

137 11.1 8.7 13.1

54 9.7 9.1 13.7

68 5.5 4.6 6.8

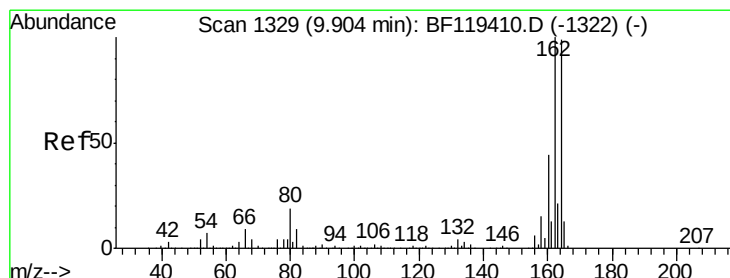
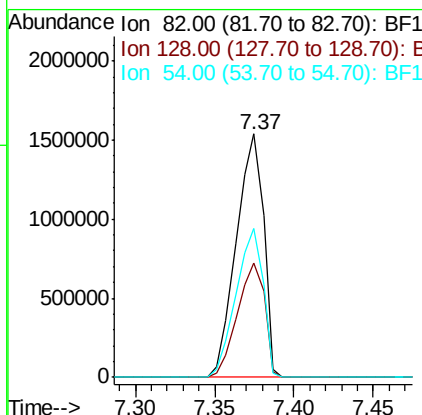
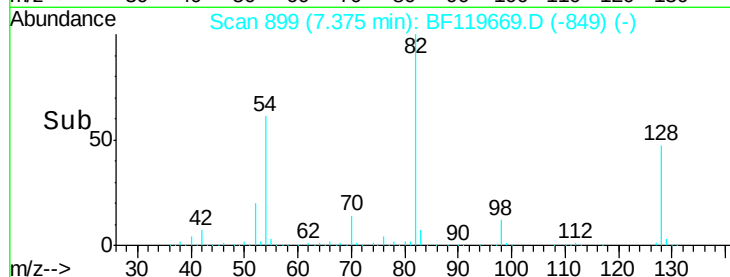
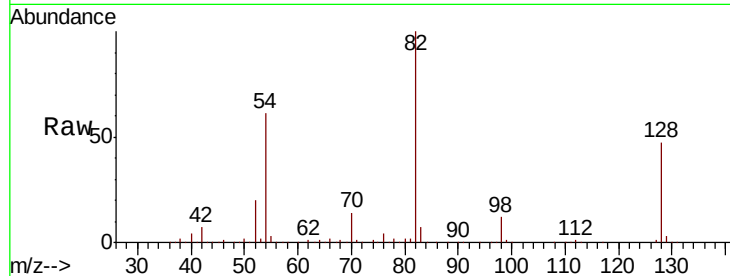




#23
 Nitrobenzene-d5
 Concen: 98.868 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

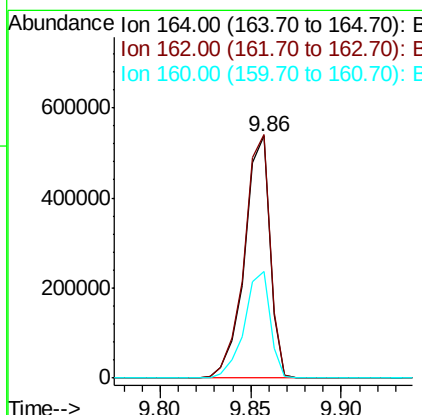
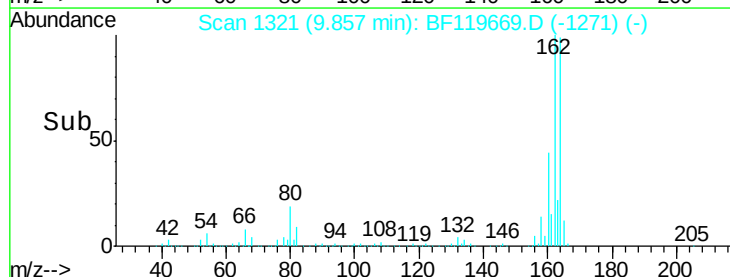
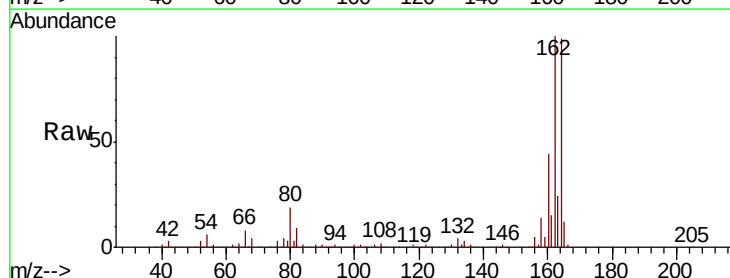
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720

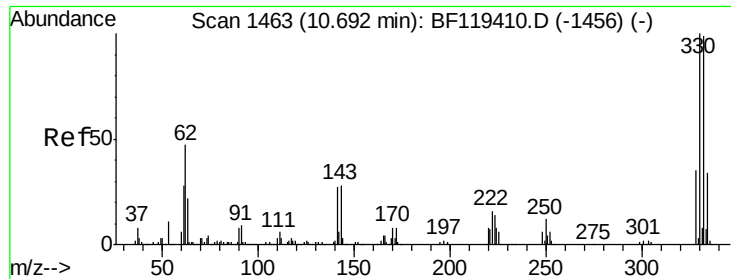
Tot Ion: 82 Resp: 1827066
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 61.0 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

Tgt Ion:164 Resp: 522810
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.6 121.0
 160 43.9 35.7 53.5

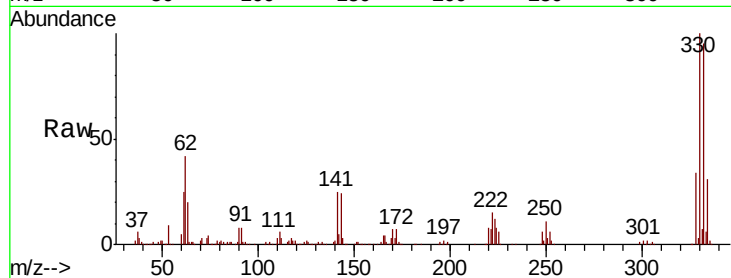




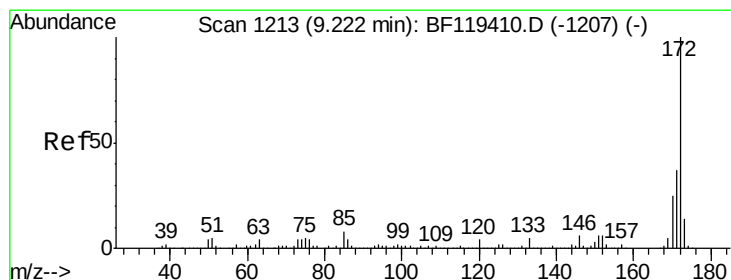
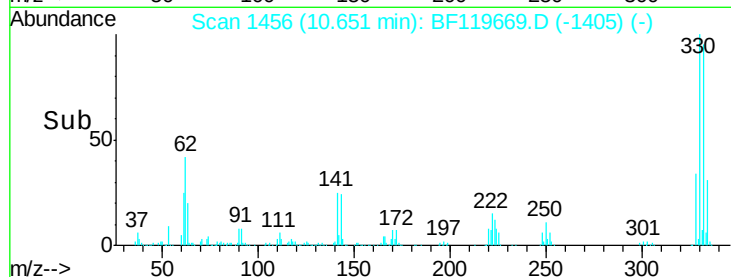
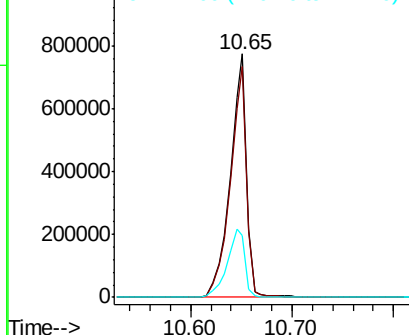
#42
 2,4,6-Tribromophenol
 Concen: 160.071 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720

Tot Ion:330 Resp: 863367
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 30.4 25.4 38.0

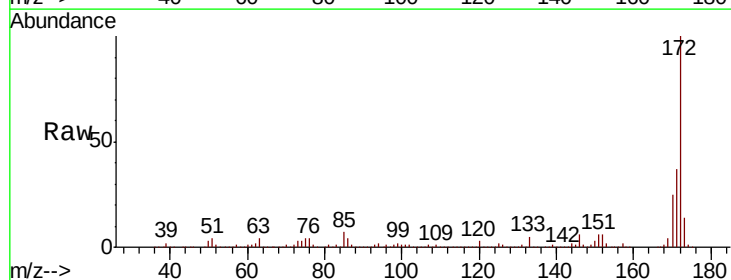


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

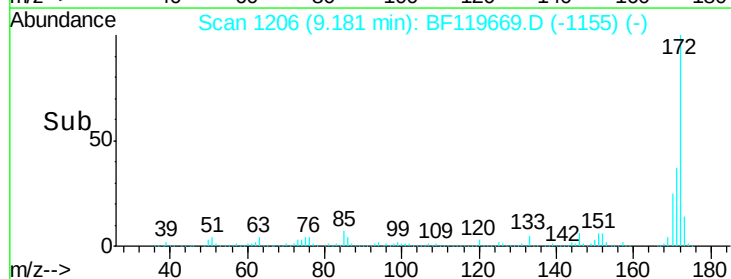
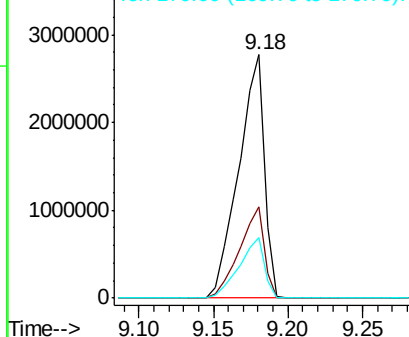


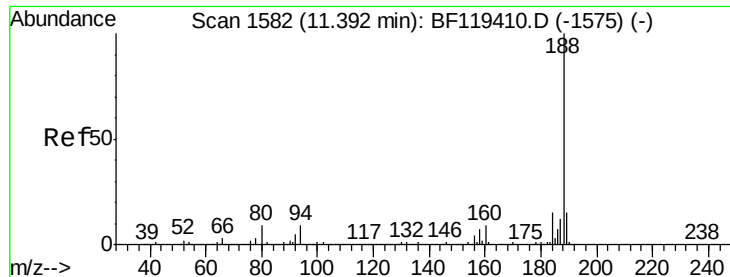
#45
 2-Fluorobiphenyl
 Concen: 94.290 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119669.D
 Acq: 1 Apr 2020 12:46

Tgt Ion:172 Resp: 3327469
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.8 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

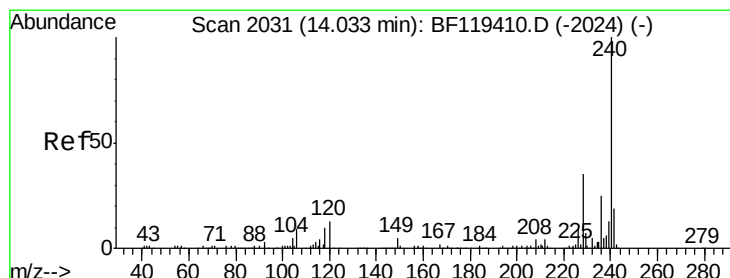
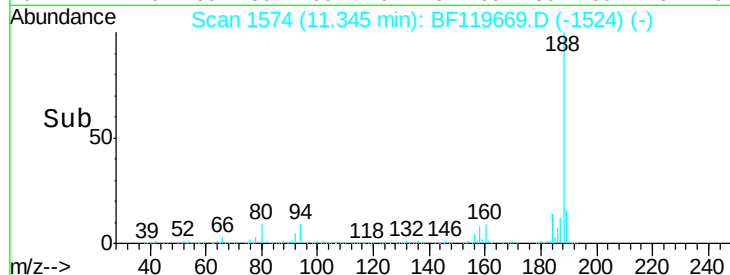
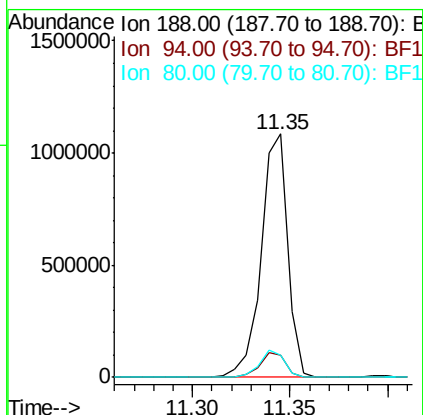
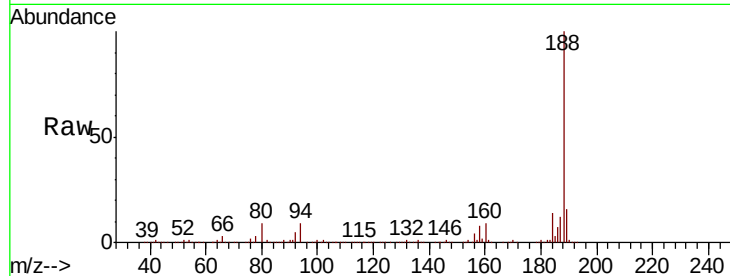




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

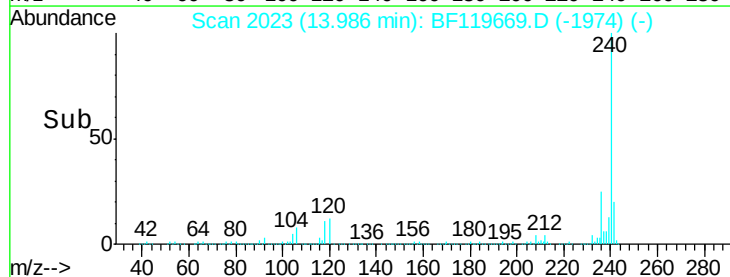
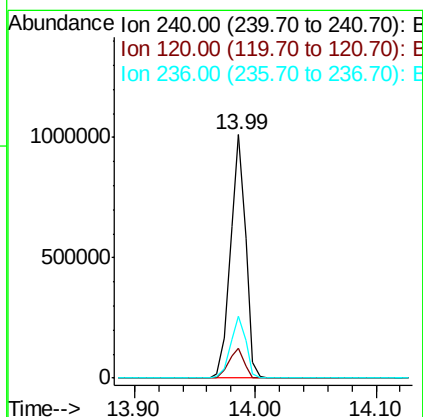
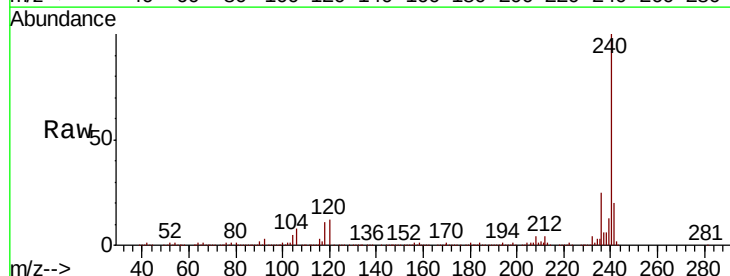
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ClientSampleId :
TR-04-032720

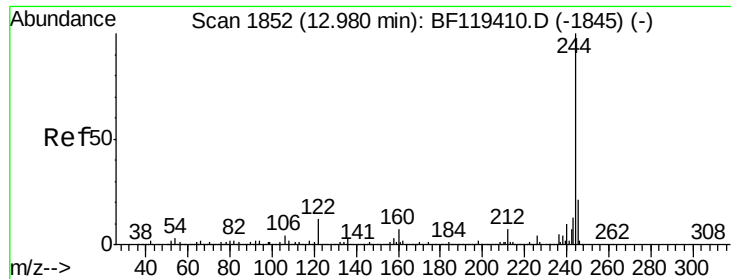
Tot Ion:188 Resp: 1017753
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119669.D
Acq: 1 Apr 2020 12:46

Tgt Ion:240 Resp: 878493
Ion Ratio Lower Upper
240 100
120 12.3 10.6 15.8
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 86.311 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF119669.D

Acq: 1 Apr 2020 12:46

Instrument :

BNA_F

ClientSampleId :

TR-04-032720

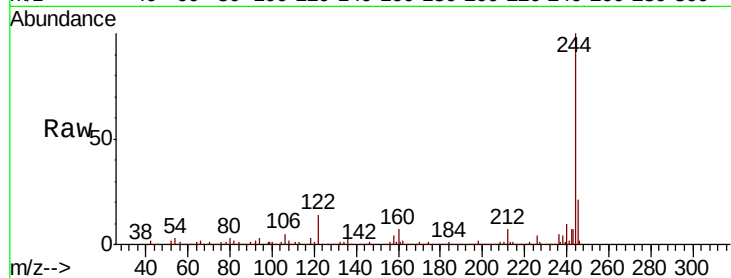
Tot Ion:244 Resp: 3870118

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

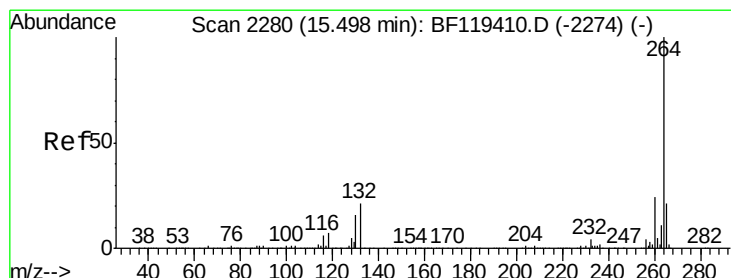
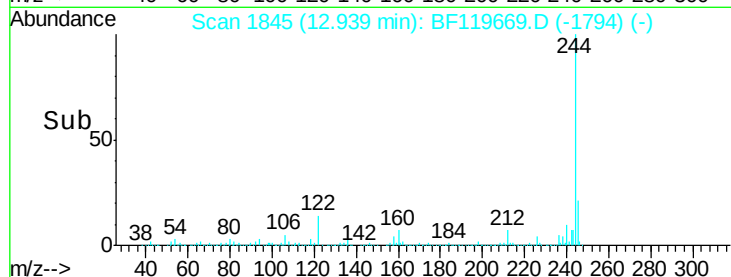
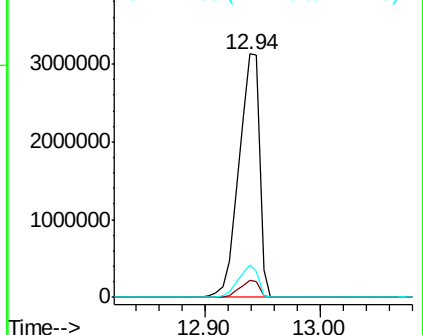
122 13.6 10.3 15.5



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: BF119669.D

Acq: 1 Apr 2020 12:46

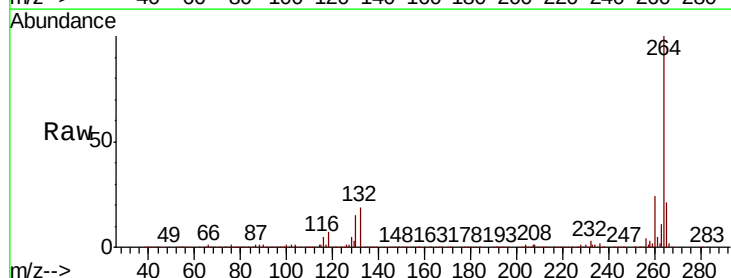
Tgt Ion:264 Resp: 934680

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.5 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

