

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
 Data File : BF120371.D
 Acq On : 20 May 2020 15:58
 Operator : MA/SJ
 Sample : PB129015TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129015TB

Quant Time: May 20 16:38:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	289047	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1184880	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	566737	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1152776	20.00	ng	0.00
76) Chrysene-d12	13.74	240	790378	20.00	ng	0.00
87) Perylene-d12	15.13	264	654036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	2063547	138.91	ng	0.00
7) Phenol-d6	6.25	99	2734044	145.53	ng	0.00
23) Nitrobenzene-d5	7.16	82	1713416	99.01	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	667358	144.42	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	3078546	111.60	ng	0.00
79) Terphenyl-d14	12.70	244	3054358	85.37	ng	0.00

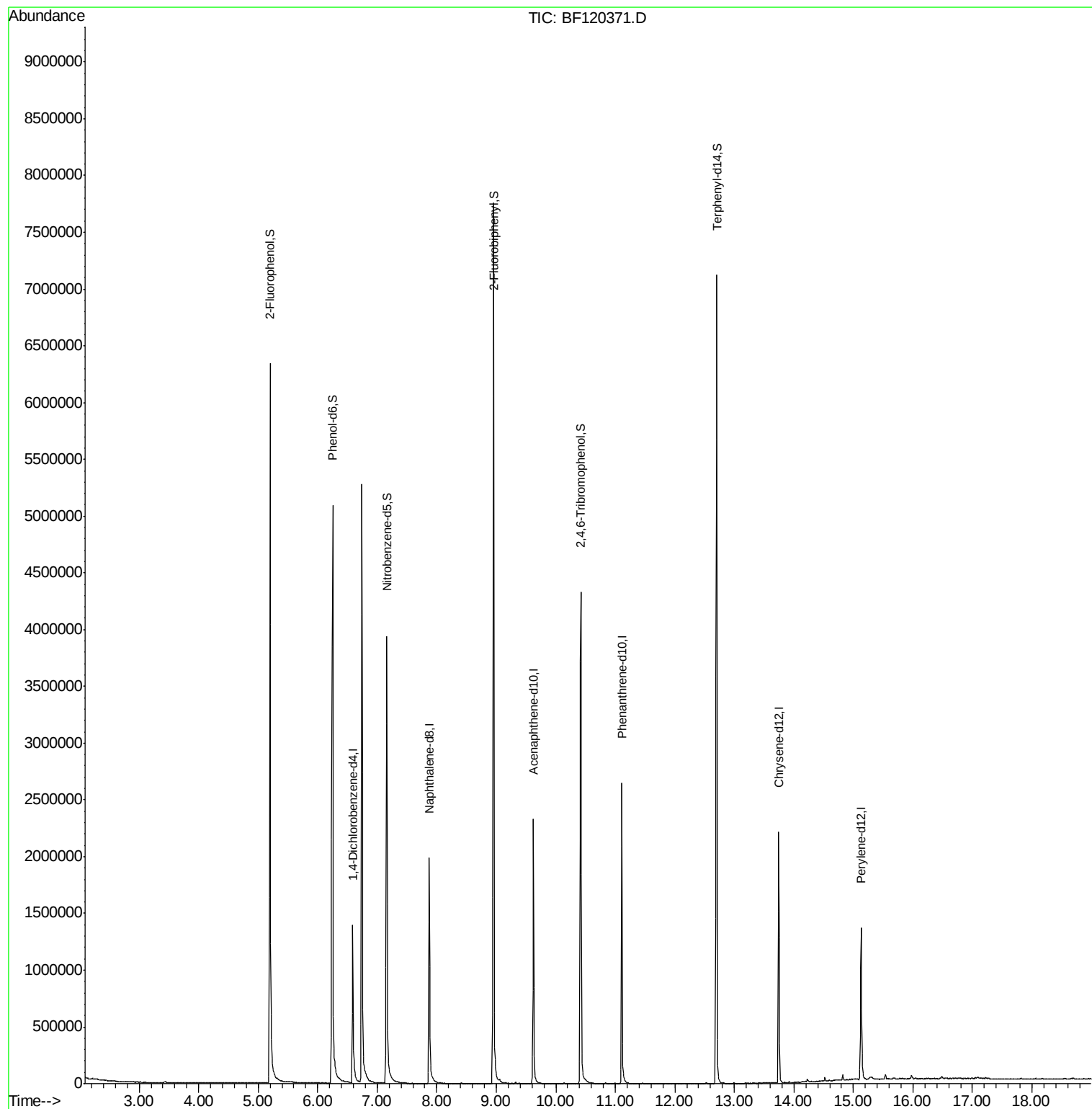
Target Compounds	Qvalue
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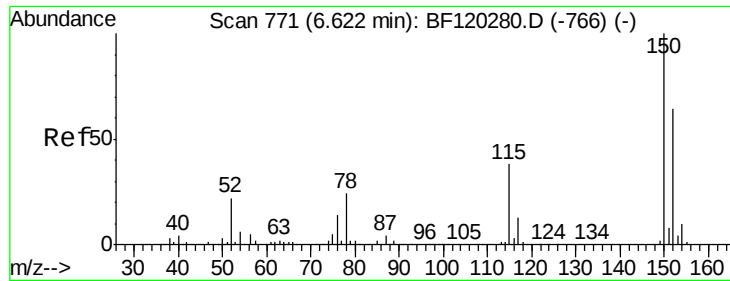
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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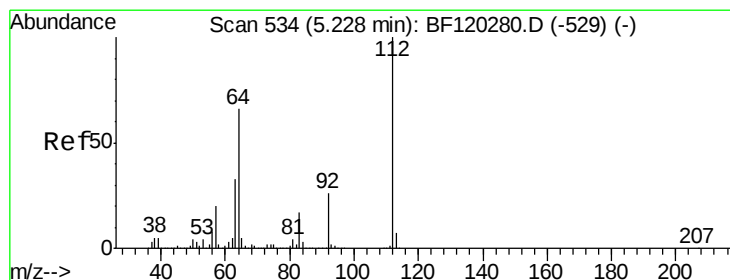
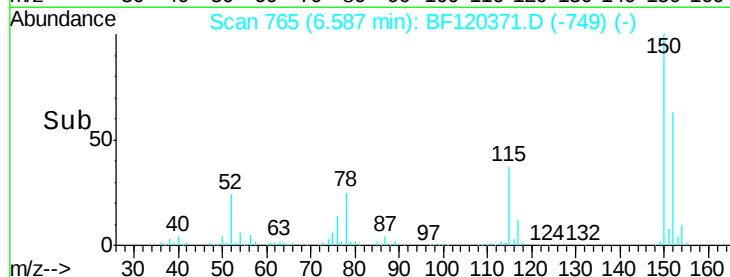
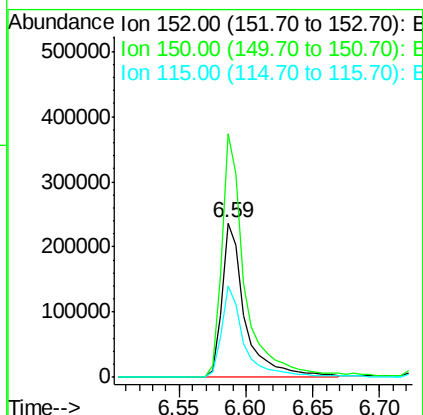
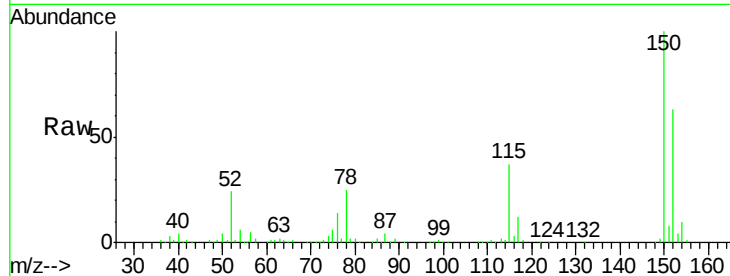


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF120371.D
Acq: 20 May 2020 15:58

Instrument :
BNA_F
ClientSampleId :
PB129015TB

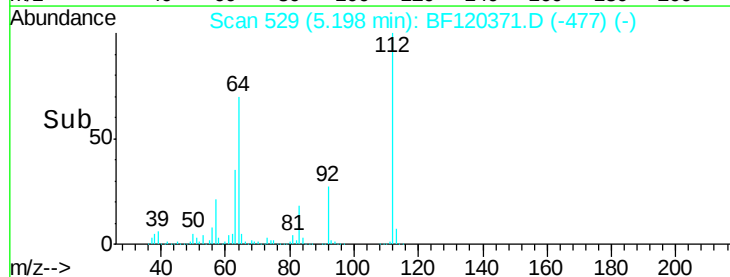
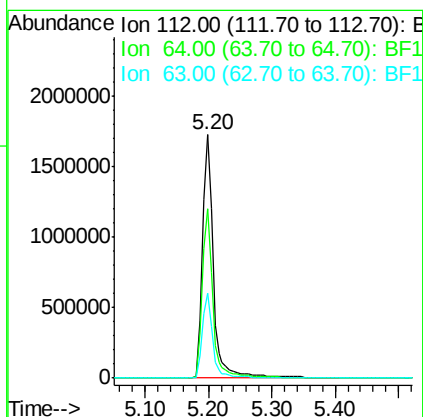
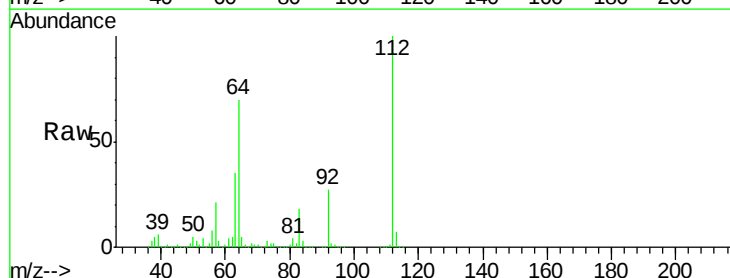
Tgt Ion:152 Resp: 289047
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 59.2 47.9 71.9

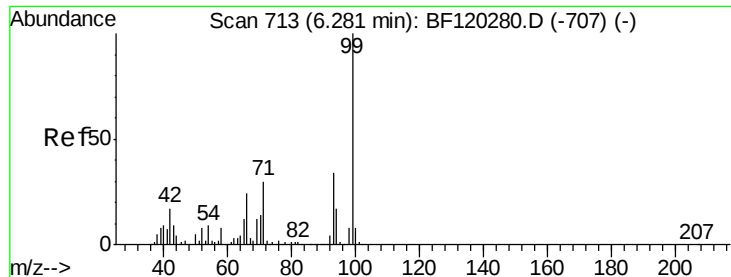


#5

2-Fluorophenol
Concen: 138.91 ng
RT: 5.20 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF120371.D
Acq: 20 May 2020 15:58

Tgt Ion:112 Resp: 2063547
Ion Ratio Lower Upper
112 100
64 69.7 52.7 79.1
63 34.8 26.2 39.4





#7

Phenol-d6

Concen: 145.53 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120371.D

Acq: 20 May 2020 15:58

Instrument :

BNA_F

ClientSampleId :

PB129015TB

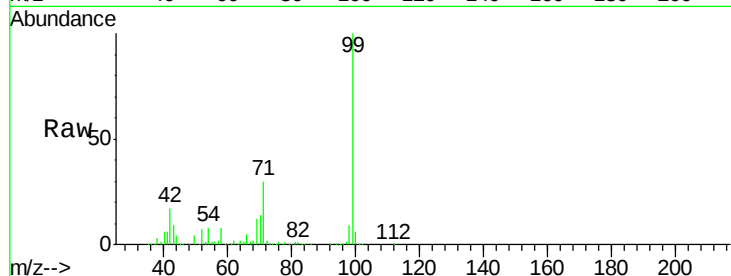
Tgt Ion: 99 Resp: 2734044

Ion Ratio Lower Upper

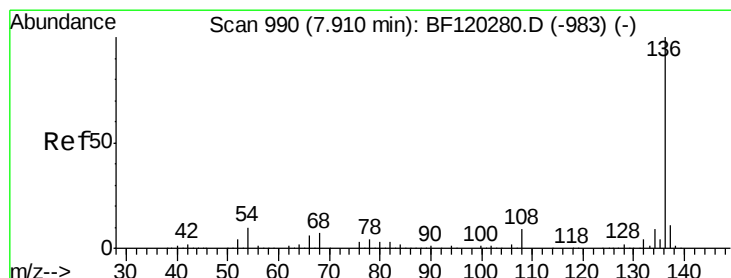
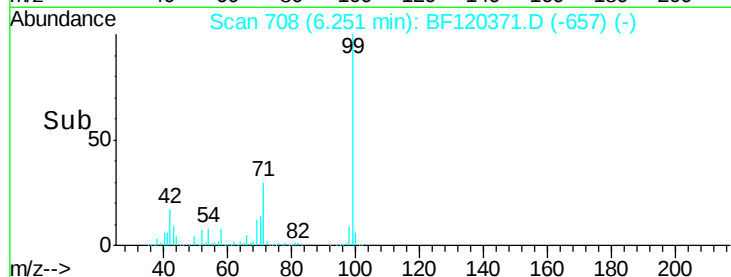
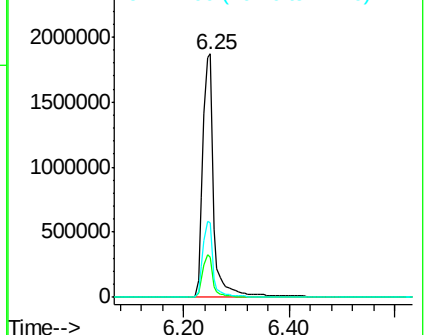
99 100

42 16.6 13.6 20.4

71 30.5 24.2 36.4



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: 20.00 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF120371.D

Acq: 20 May 2020 15:58

Tgt Ion: 136 Resp: 1184880

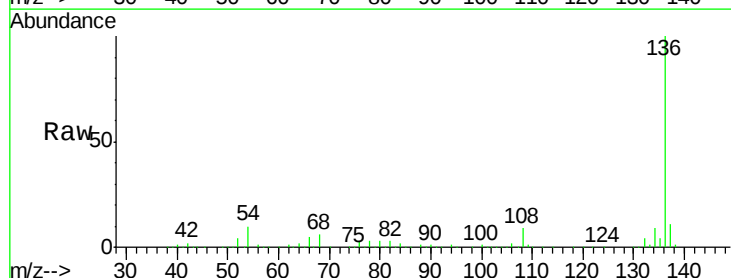
Ion Ratio Lower Upper

136 100

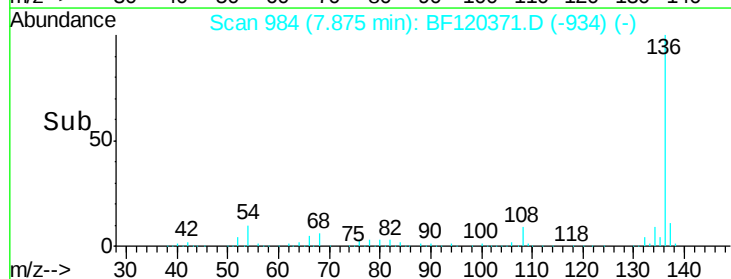
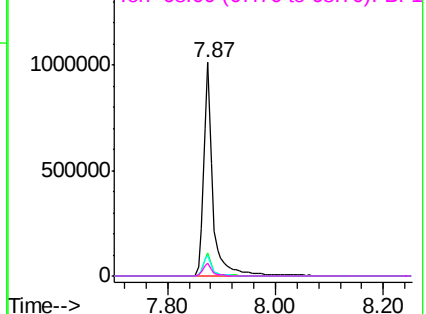
137 11.0 9.1 13.7

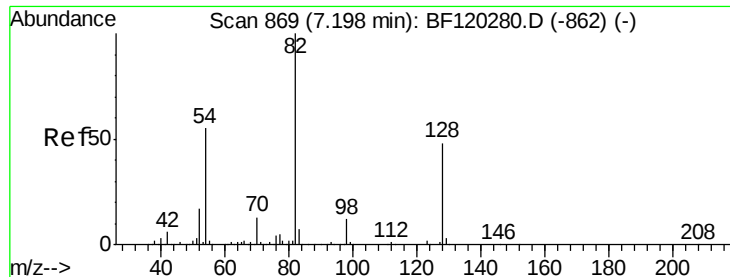
54 9.7 7.9 11.9

68 6.1 5.4 8.2



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

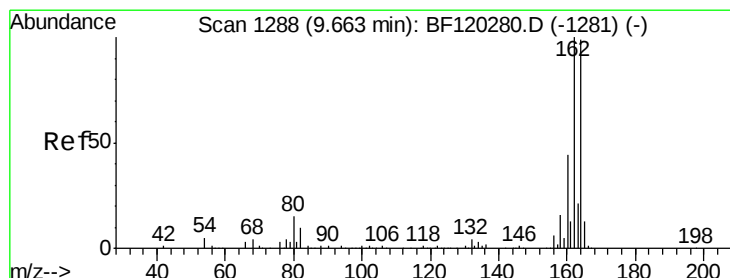
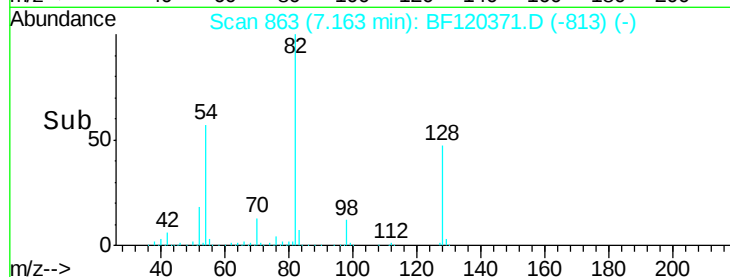
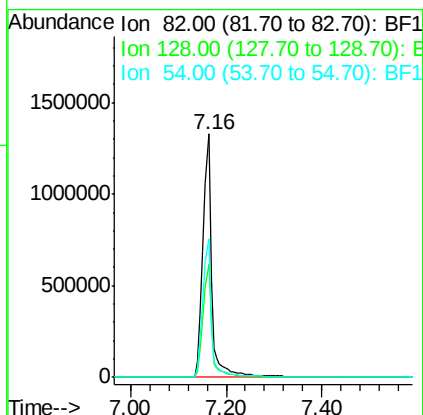
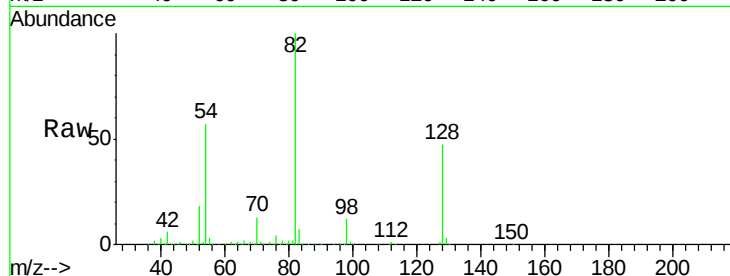




#23
 Nitrobenzene-d5
 Concen: 99.01 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BF120371.D
 Acq: 20 May 2020 15:58

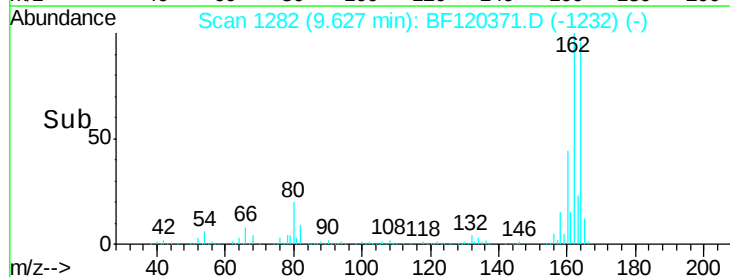
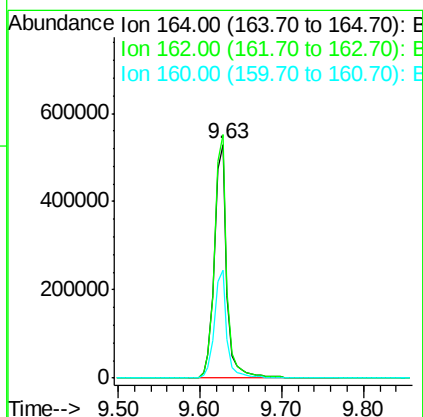
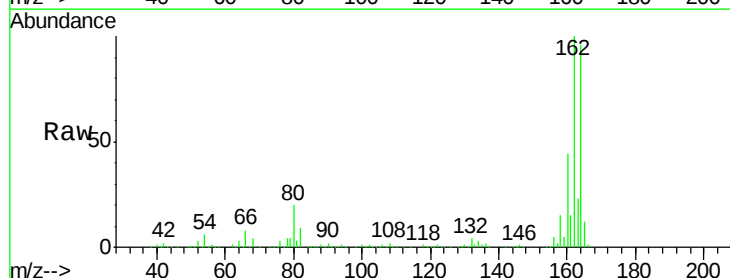
Instrument :
 BNA_F
 ClientSampleId :
 PB129015TB

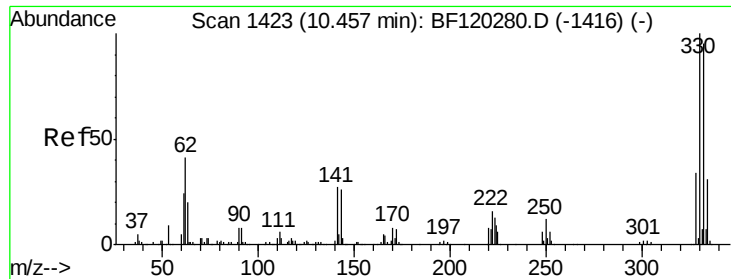
Tgt Ion: 82 Resp: 1713416
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.3 57.5
 54 56.9 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF120371.D
 Acq: 20 May 2020 15:58

Tgt Ion: 164 Resp: 566737
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.2 121.8
 160 46.0 35.8 53.6

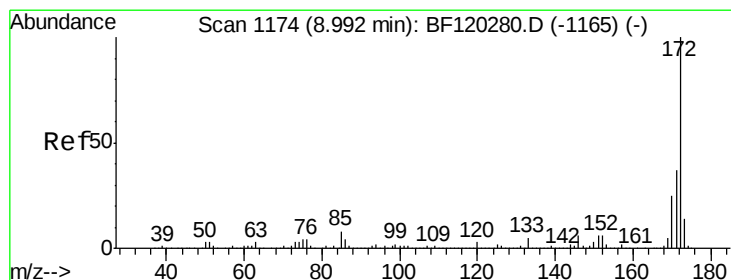
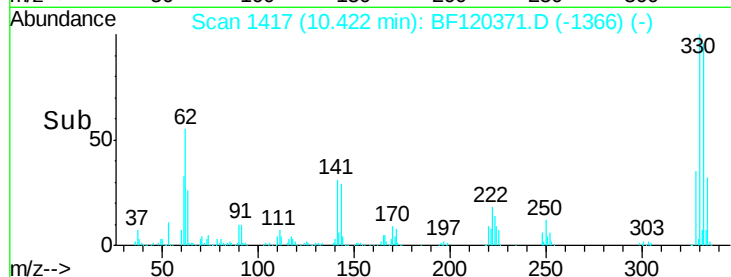
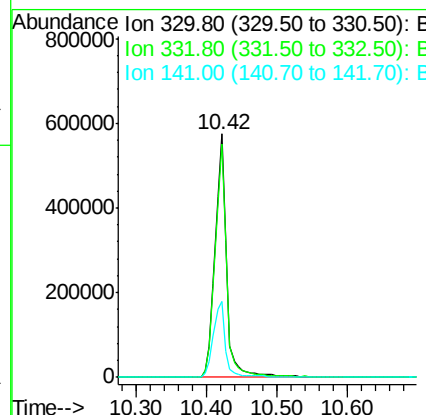
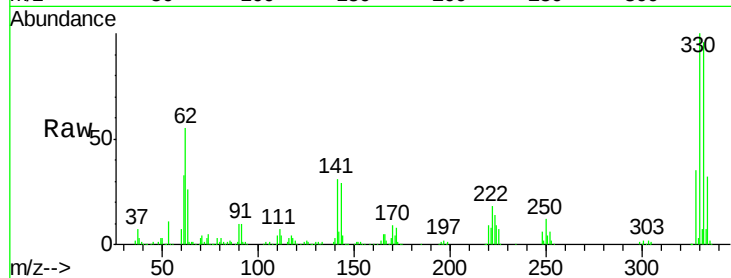




#42
 2,4,6-Tribromophenol
 Concen: 144.42 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF120371.D
 Acq: 20 May 2020 15:58

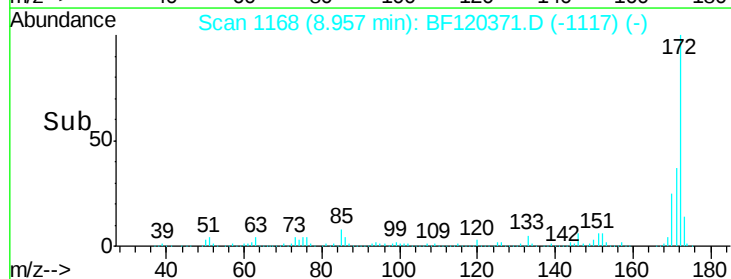
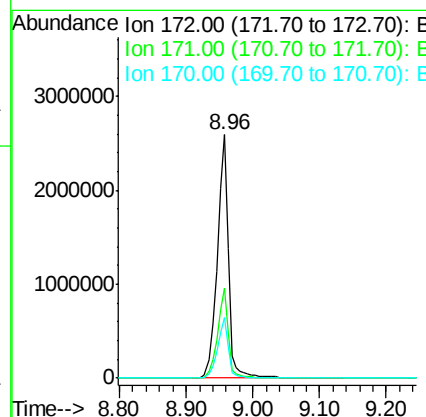
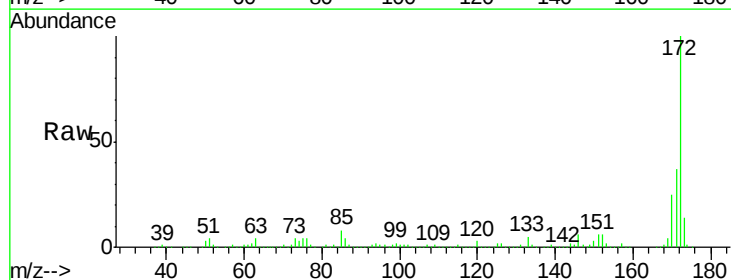
Instrument :
 BNA_F
 ClientSampleId :
 PB129015TB

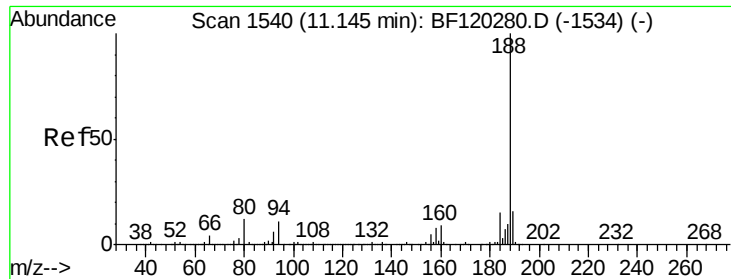
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.5	114.7
141	32.5	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 111.60 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF120371.D
 Acq: 20 May 2020 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.0	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF120371.D

Acq: 20 May 2020 15:58

Instrument :

BNA_F

ClientSampleId :

PB129015TB

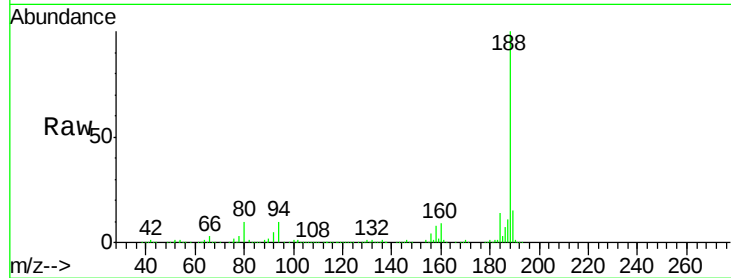
Tgt Ion:188 Resp: 1152776

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

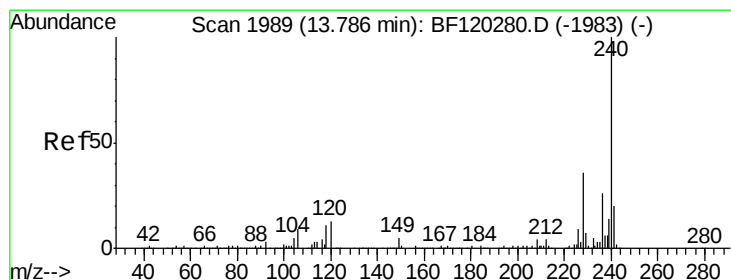
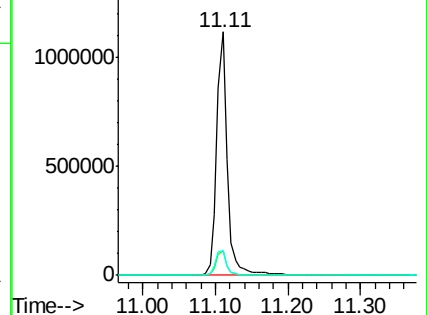
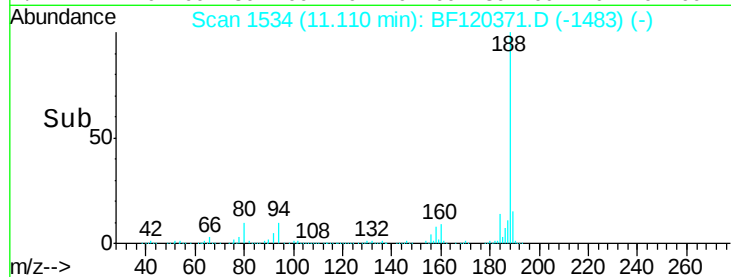
80 10.2 9.2 13.8



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: 20.00 ng

RT: 13.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BF120371.D

Acq: 20 May 2020 15:58

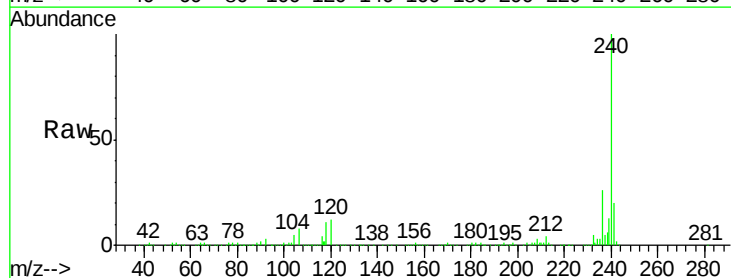
Tgt Ion:240 Resp: 790378

Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

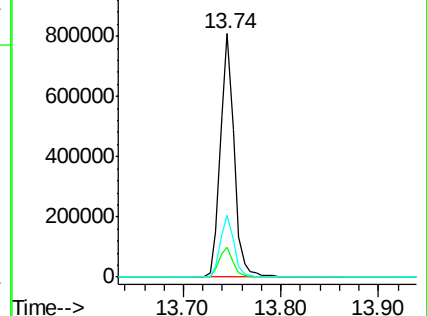
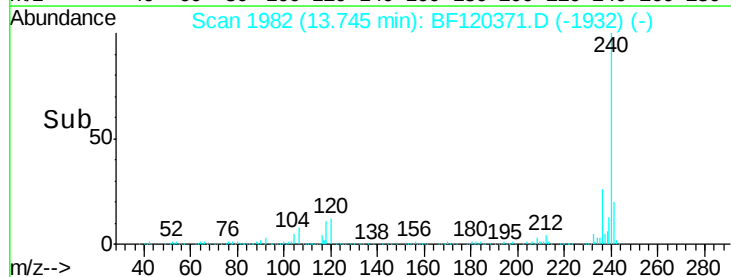
236 25.6 21.0 31.6

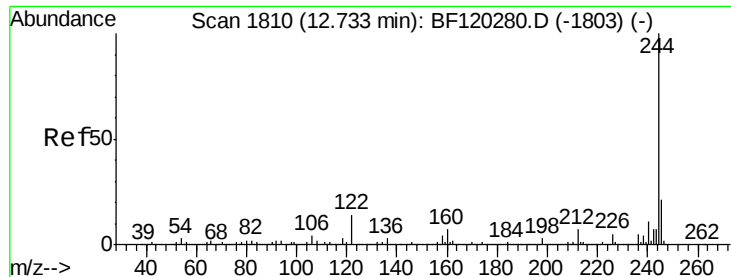


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.37 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120371.D

Acq: 20 May 2020 15:58

Instrument :

BNA_F

ClientSampleId :

PB129015TB

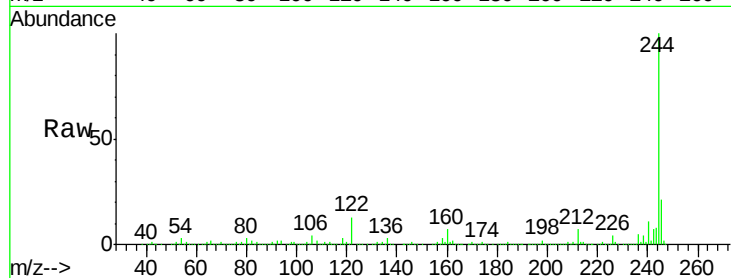
Tgt Ion:244 Resp: 3054358

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

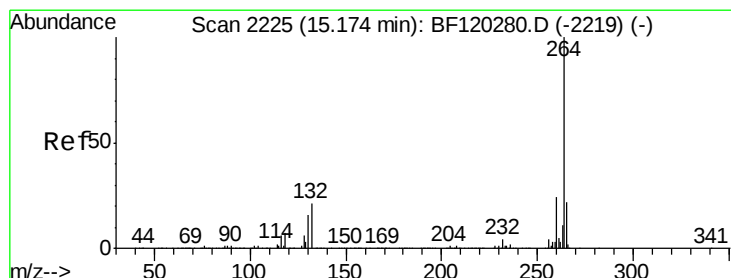
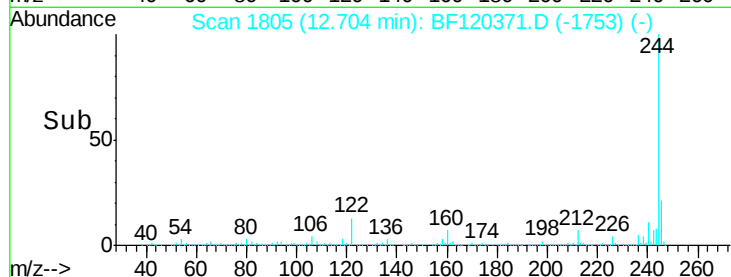
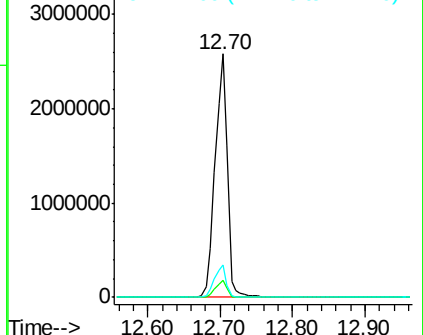
122 13.5 10.8 16.2



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: 20.00 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF120371.D

Acq: 20 May 2020 15:58

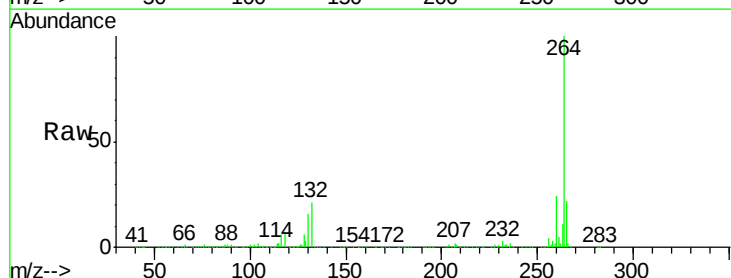
Tgt Ion:264 Resp: 654036

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 17.5 26.3



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

