

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121587.D
 Acq On : 15 Sep 2020 20:04
 Operator : JU/CG
 Sample : L3871-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091420

Quant Time: Sep 16 02:01:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	210835	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	810679	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	404083	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	674510	20.00	ng	0.00
76) Chrysene-d12	13.99	240	453879	20.00	ng	0.00
86) Perylene-d12	15.45	264	442637	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	205036	14.45	ng	0.00
7) Phenol-d6	6.47	99	264509	14.21	ng	0.00
23) Nitrobenzene-d5	7.39	82	167180	11.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	64128	12.77	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	337360	12.64	ng	0.00
79) Terphenyl-d14	12.94	244	275182	12.28	ng	0.00

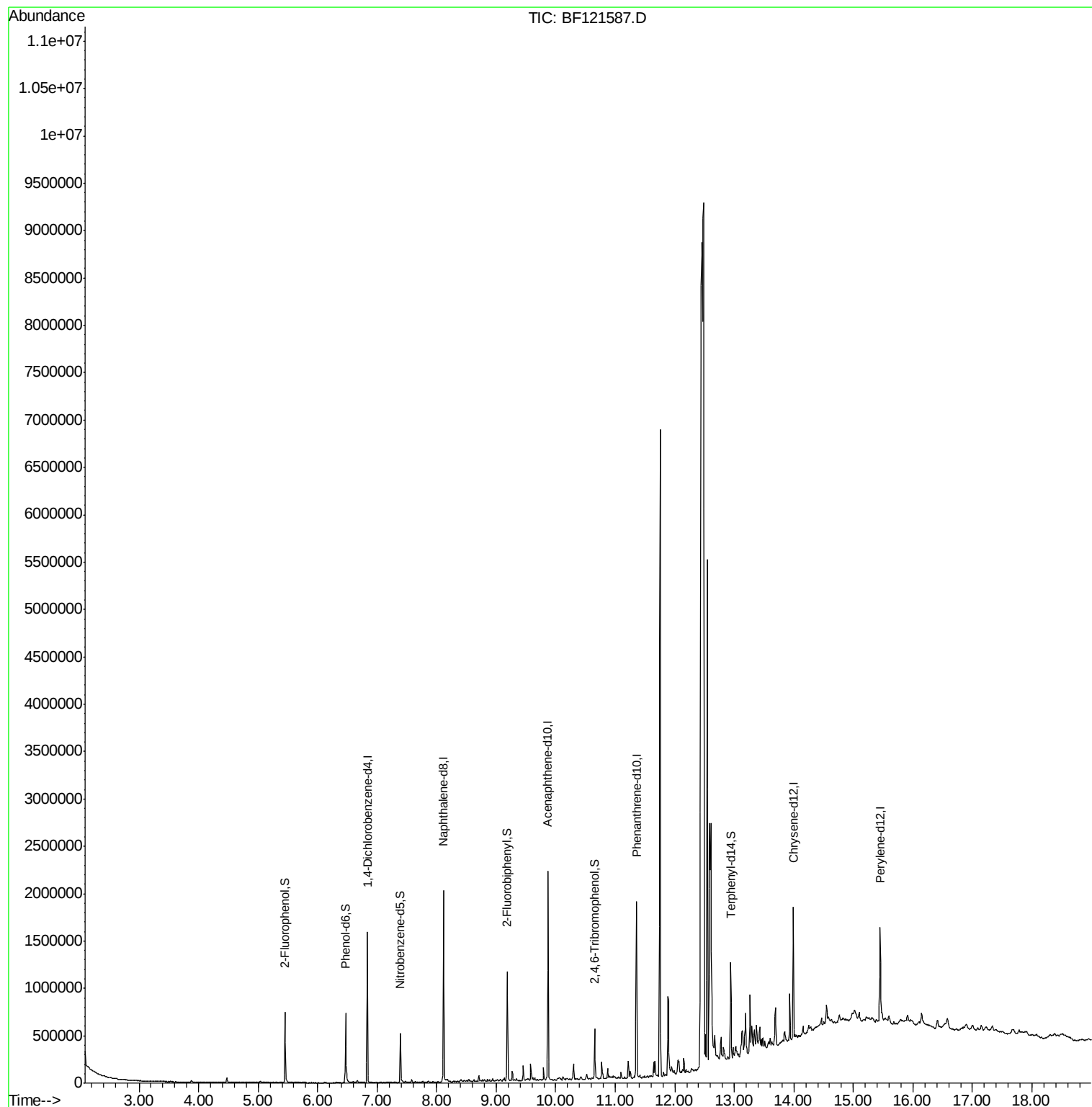
Target Compounds Qvalue

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

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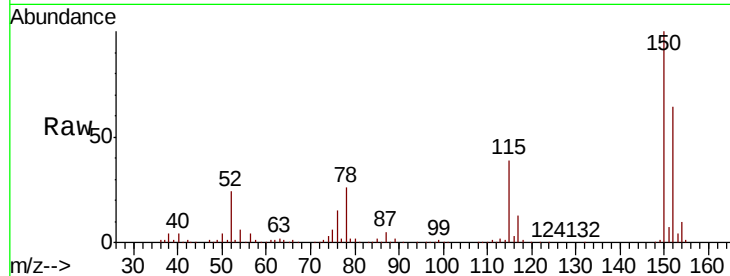


#1

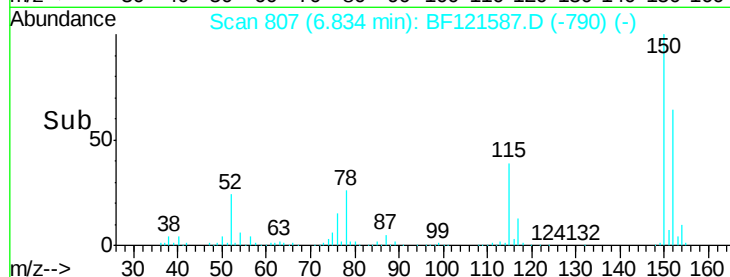
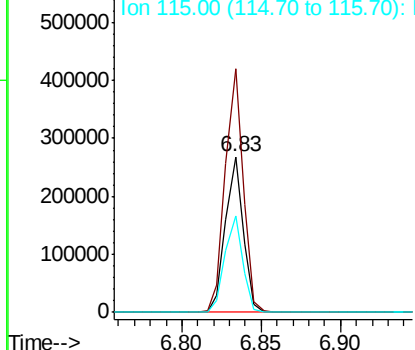
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121587.D
Acq: 15 Sep 2020 20:04

Instrument :
BNA_F
ClientSampleId :
TR-04-091420

Tot Ion:152 Resp: 210835
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 61.9 47.8 71.8



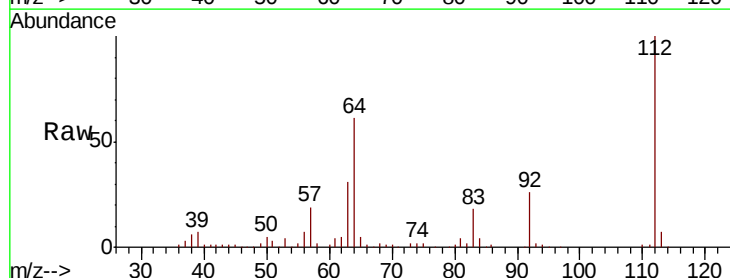
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



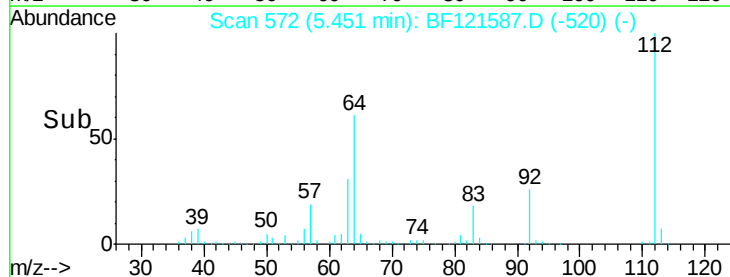
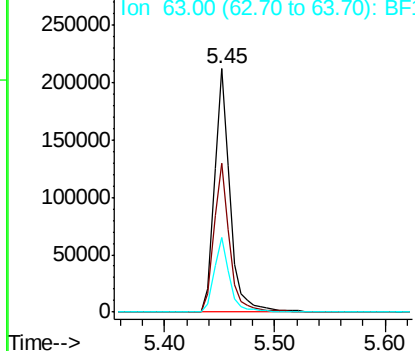
#5

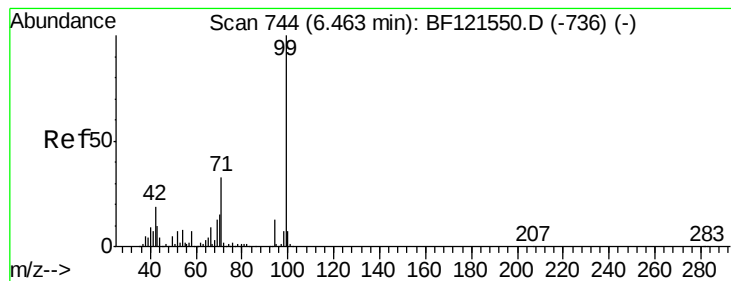
2-Fluorophenol
Concen: 14.452 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121587.D
Acq: 15 Sep 2020 20:04

Tgt Ion:112 Resp: 205036
Ion Ratio Lower Upper
112 100
64 61.0 50.3 75.5
63 30.6 25.6 38.4



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: 14.211 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121587.D

Acq: 15 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

TR-04-091420

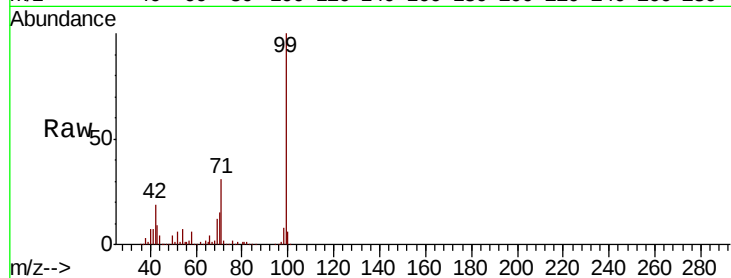
Tot Ion: 99 Resp: 264509

Ion Ratio Lower Upper

99 100

42 18.9 15.5 23.3

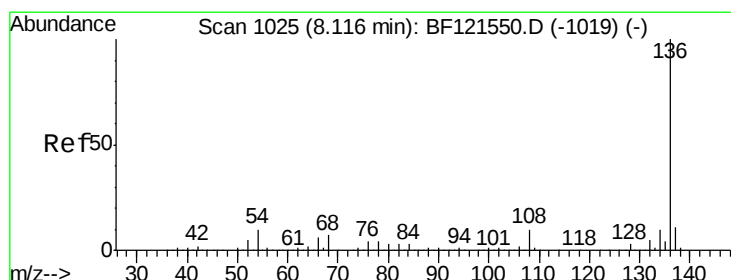
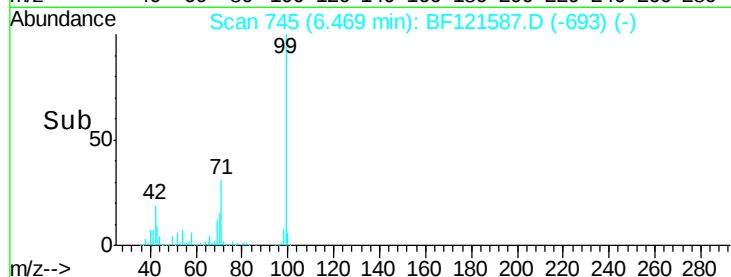
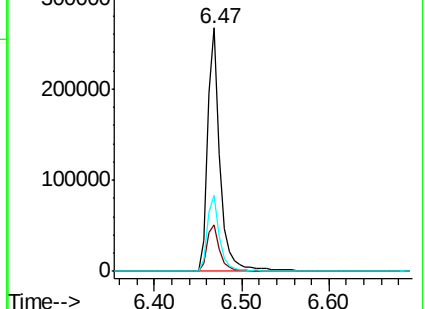
71 31.3 26.1 39.1



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: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF121587.D

Acq: 15 Sep 2020 20:04

Tgt Ion: 136 Resp: 810679

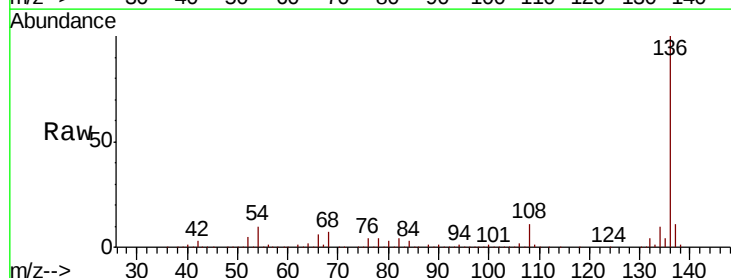
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.8 7.6 11.4

68 7.3 5.7 8.5

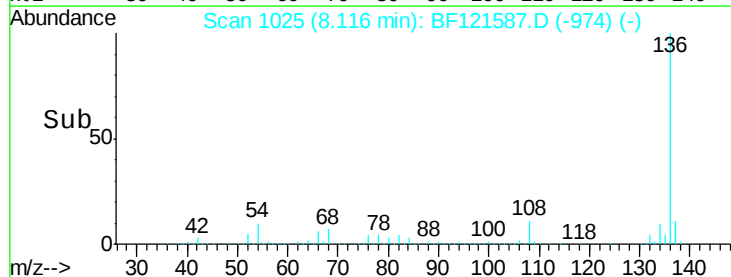
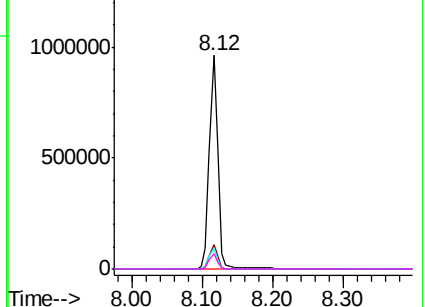


Abundance Ion 136.00 (135.70 to 136.70): E

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

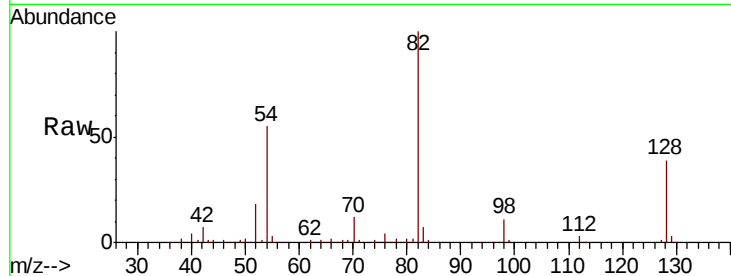




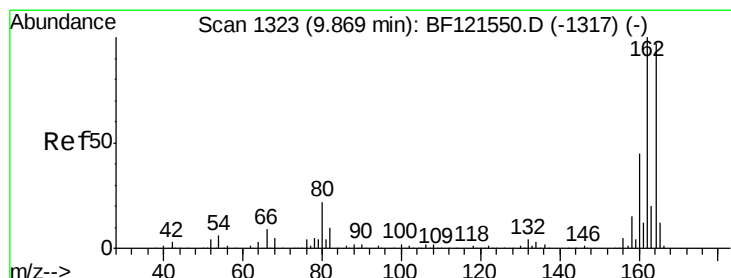
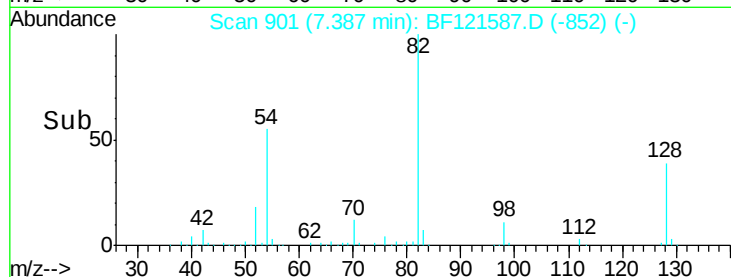
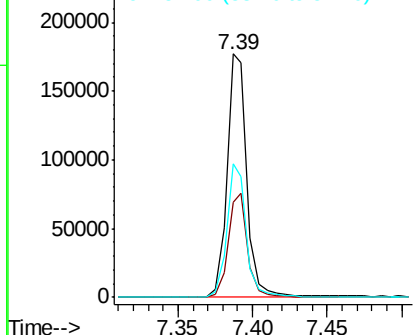
#23
Nitrobenzene-d5
Concen: 11.072 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121587.D
Acq: 15 Sep 2020 20:04

Instrument :
BNA_F
ClientSampleId :
TR-04-091420

Tot Ion: 82 Resp: 167180
Ion Ratio Lower Upper
82 100
128 39.0 35.1 52.7
54 54.7 43.0 64.6

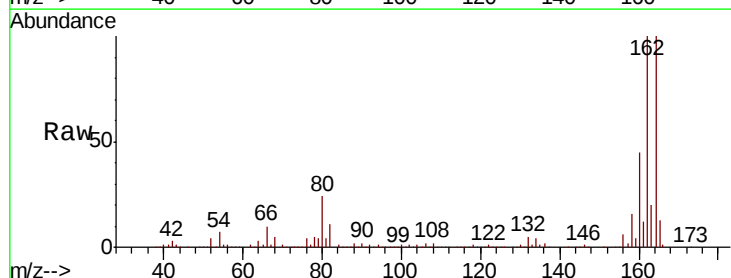


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

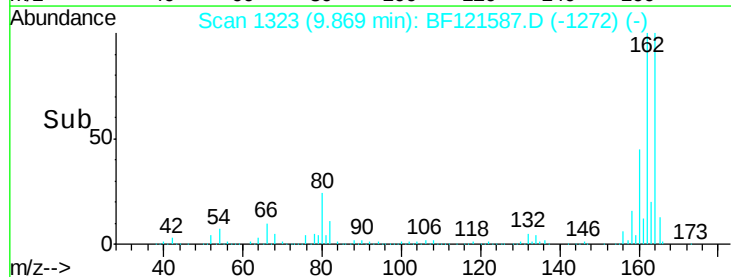
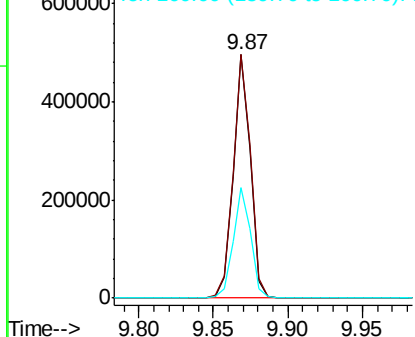


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121587.D
Acq: 15 Sep 2020 20:04

Tgt Ion: 164 Resp: 404083
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 45.2 37.0 55.4



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

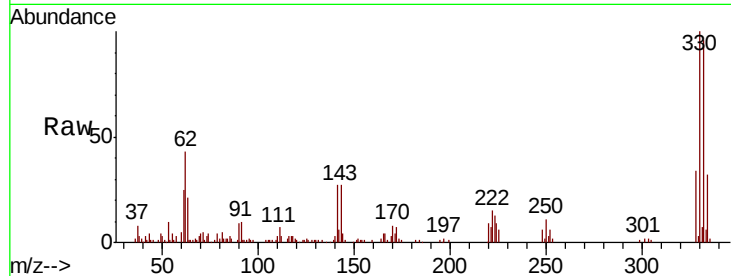




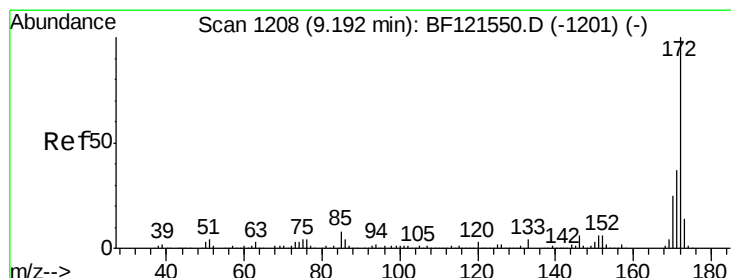
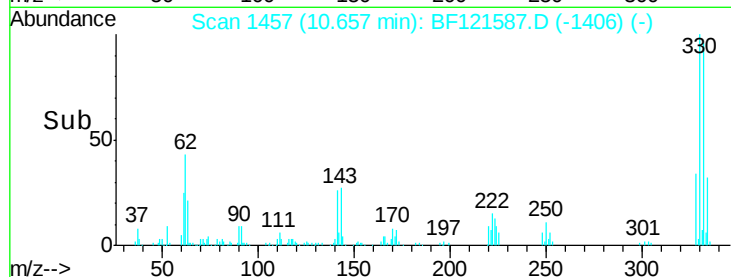
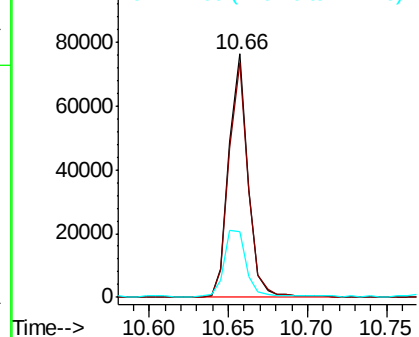
#42
 2,4,6-Tribromophenol
 Concen: 12.769 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF121587.D
 Acq: 15 Sep 2020 20:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091420

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	33.3	23.6	35.4

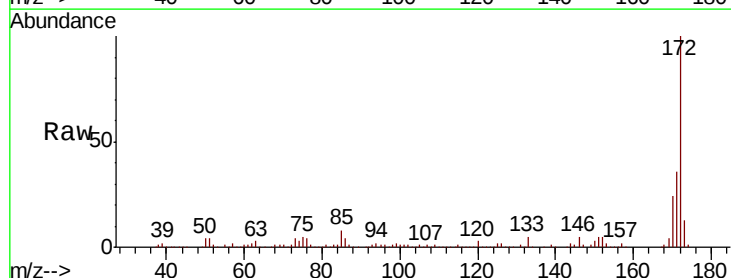


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

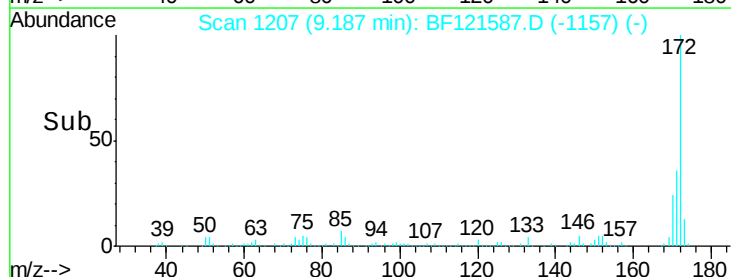
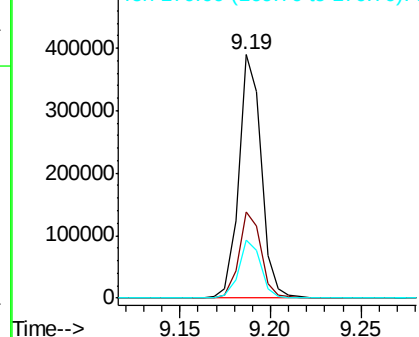


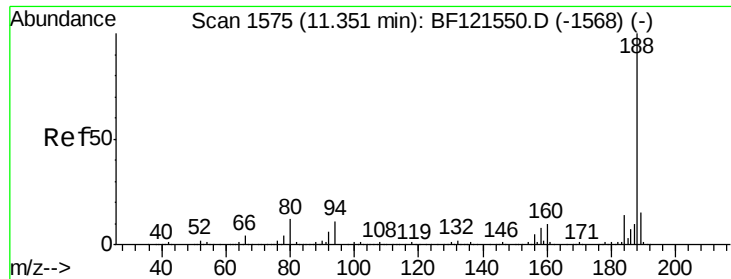
#45
 2-Fluorobiphenyl
 Concen: 12.644 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF121587.D
 Acq: 15 Sep 2020 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.6
170	23.9	19.8	29.8



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: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121587.D

Acq: 15 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

TR-04-091420

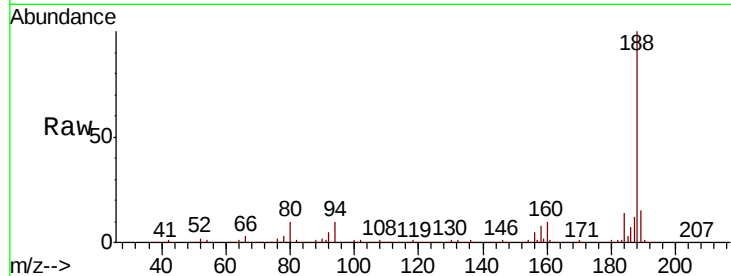
Tot Ion:188 Resp: 674510

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

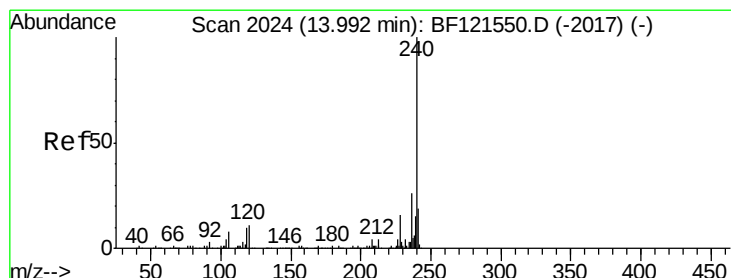
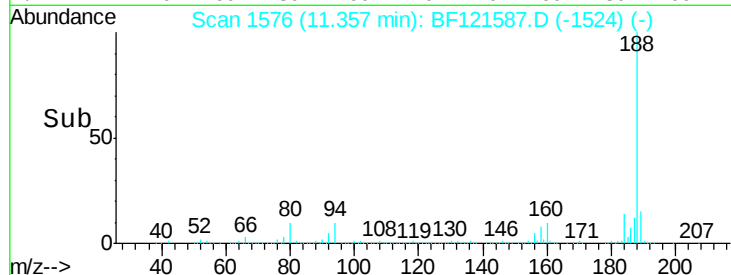
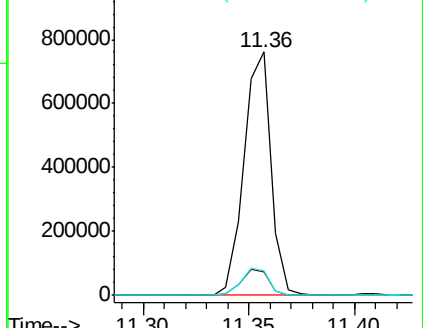
80 10.4 9.3 13.9



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: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF121587.D

Acq: 15 Sep 2020 20:04

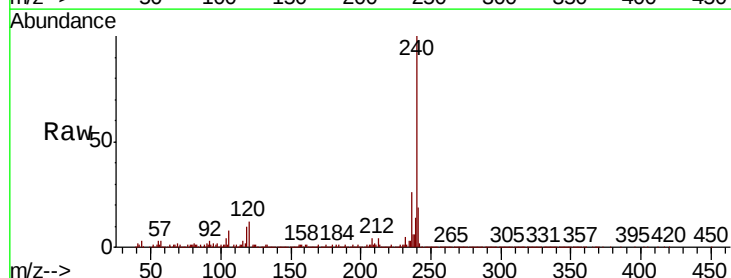
Tgt Ion:240 Resp: 453879

Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

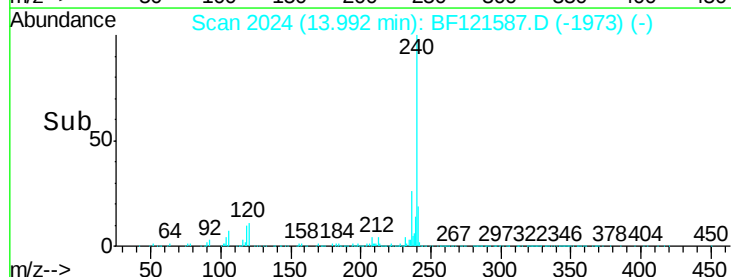
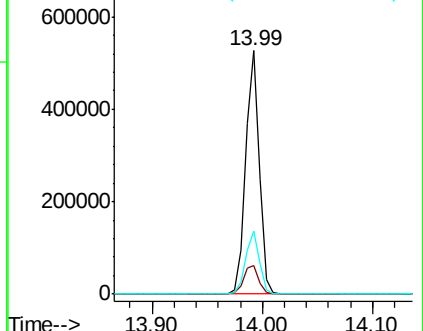
236 25.9 20.5 30.7

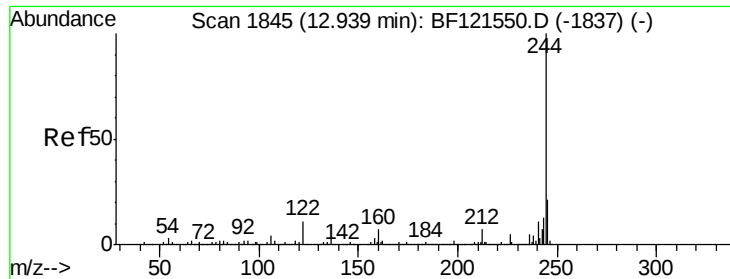


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.283 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF121587.D

Acq: 15 Sep 2020 20:04

Instrument :

BNA_F

ClientSampleId :

TR-04-091420

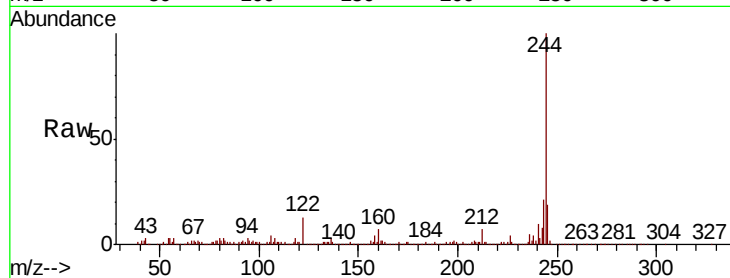
Tot Ion:244 Resp: 275182

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

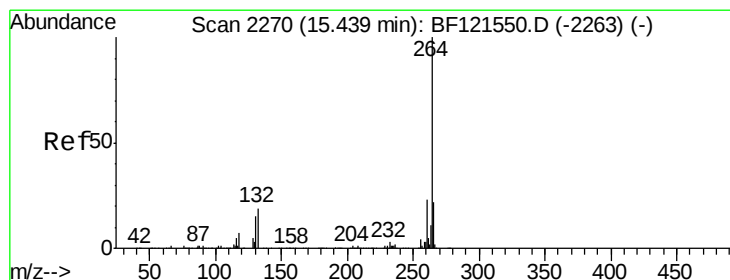
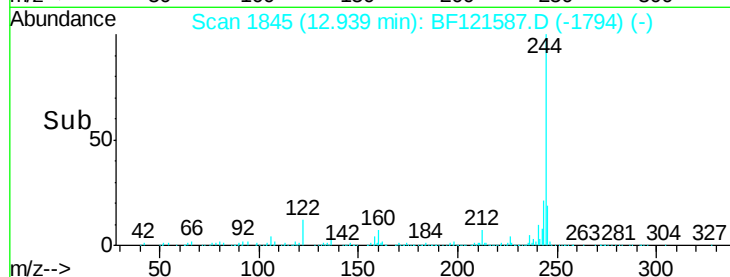
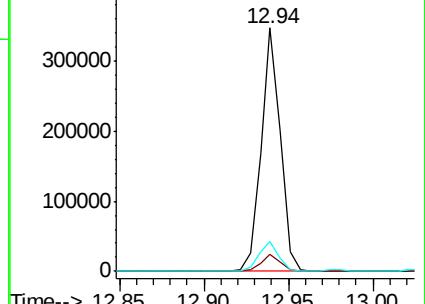
122 12.5 8.7 13.1



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: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF121587.D

Acq: 15 Sep 2020 20:04

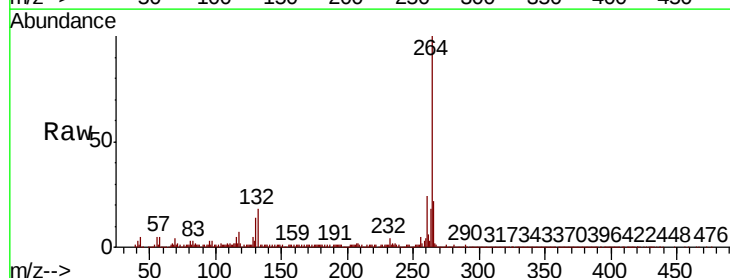
Tgt Ion:264 Resp: 442637

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.8 17.8 26.6



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

