

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135599.D
 Acq On : 05 Oct 2023 14:53
 Operator : CG\JU
 Sample : PB156098BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156098BL

Quant Time: Oct 06 03:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	154265	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	614047	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	306396	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	606136	20.000	ng	0.00
76) Chrysene-d12	13.927	240	421742	20.000	ng	0.00
86) Perylene-d12	15.392	264	283667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1147894	121.025	ng	0.02
7) Phenol-d6	6.393	99	1453184	120.492	ng	0.00
23) Nitrobenzene-d5	7.304	82	944486	83.566	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	358300	117.675	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1584586	78.026	ng	0.00
79) Terphenyl-d14	12.869	244	1728493	63.534	ng	0.00

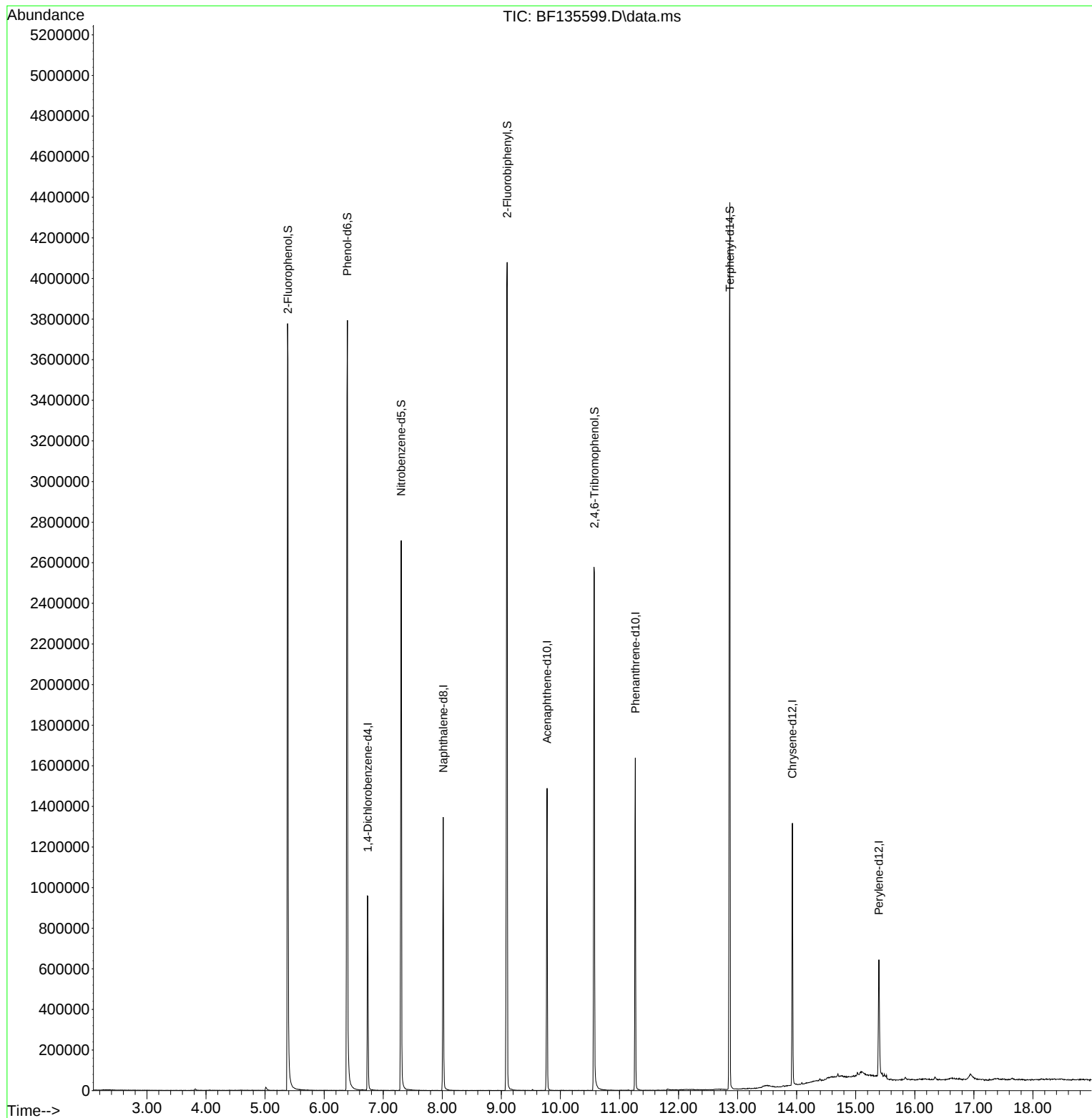
Target Compounds	Qvalue

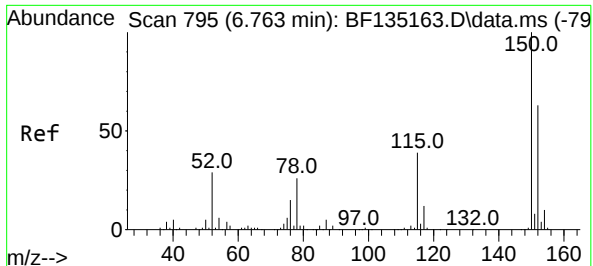
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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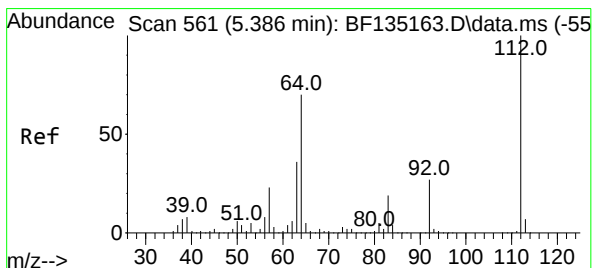
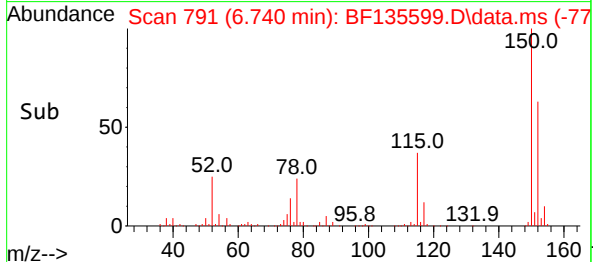
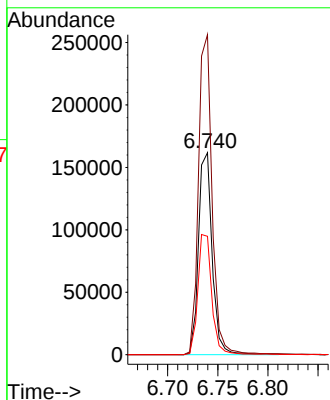
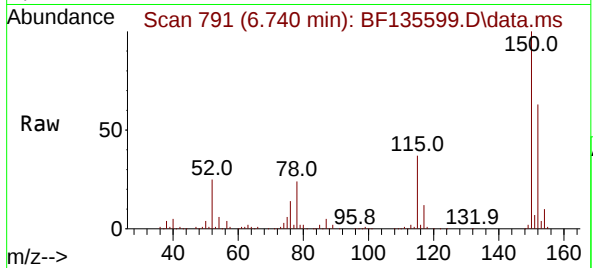




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

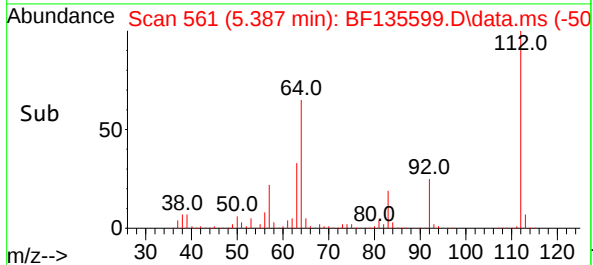
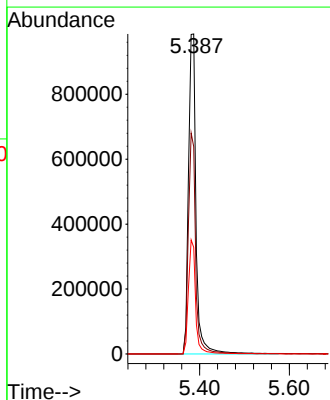
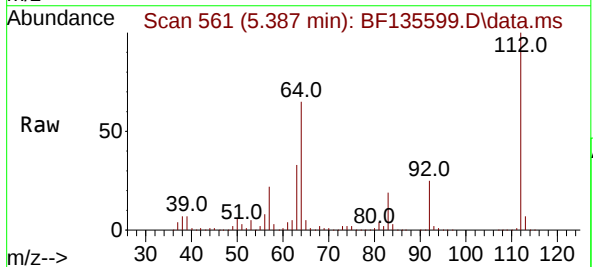
Instrument :
BNA_F
ClientSampleId :
PB156098BL

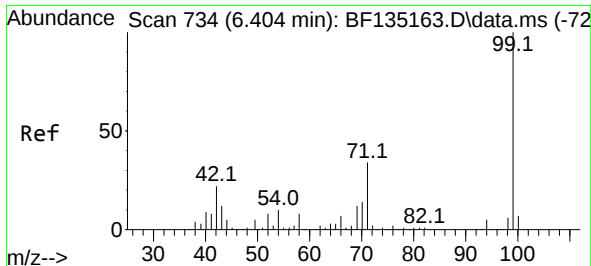
Tgt Ion:152 Resp: 154265
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 121.025 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion:112 Resp: 1147894
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.3 29.0 43.6





#7

Phenol-d6

Concen: 120.492 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

Instrument :

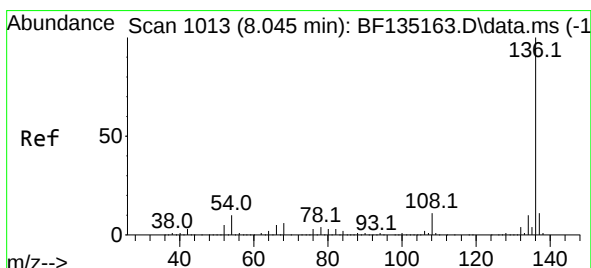
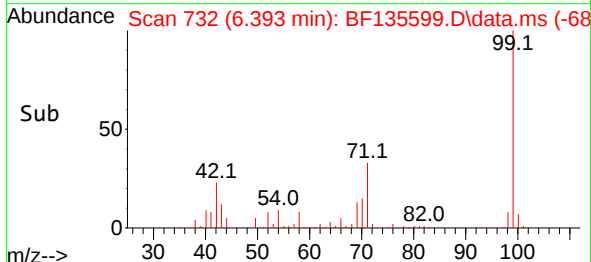
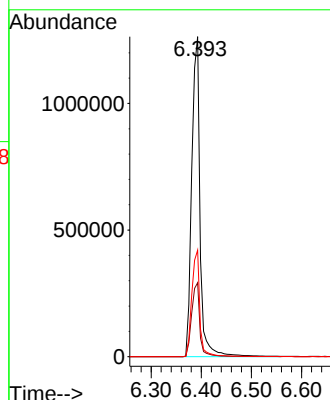
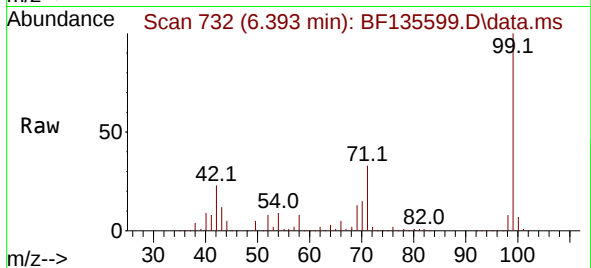
BNA_F

ClientSampleId :

PB156098BL

Tgt Ion: 99 Resp: 1453184

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.3	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

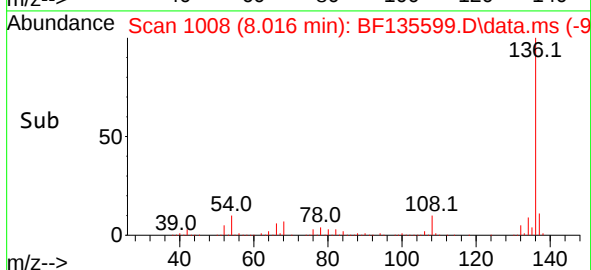
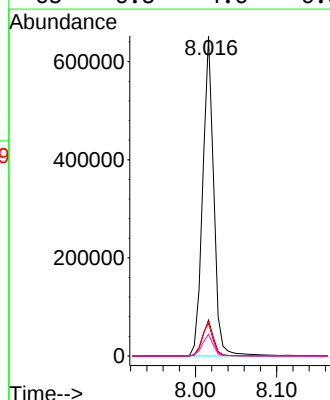
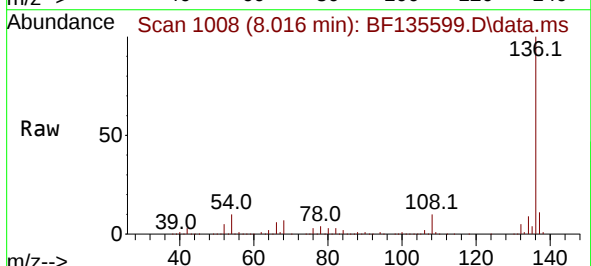
Delta R.T. 0.000 min

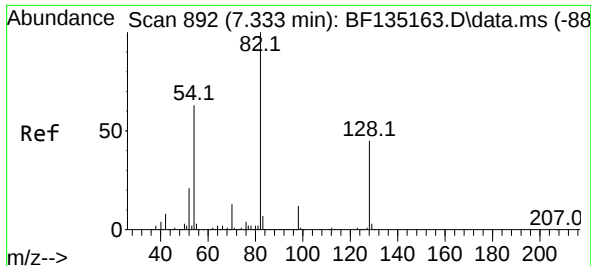
Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

Tgt Ion: 136 Resp: 614047

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.2	7.7	11.5
68	6.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 83.566 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135599.D

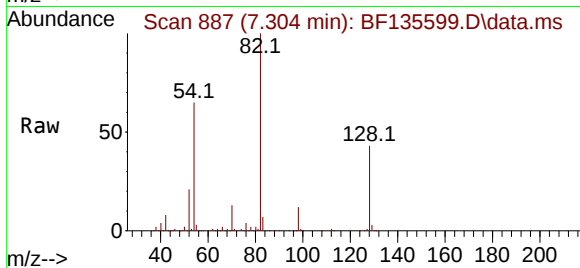
Acq: 05 Oct 2023 14:53

Instrument :

BNA_F

ClientSampleId :

PB156098BL



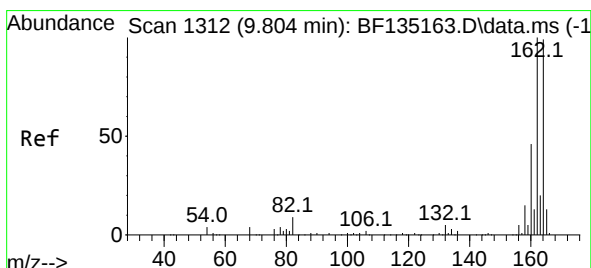
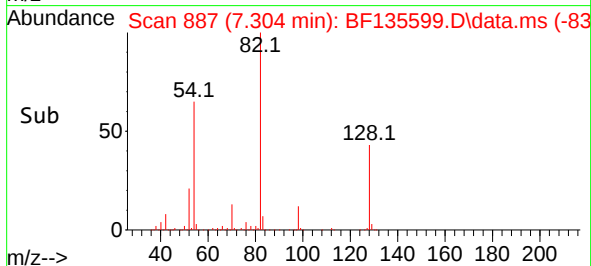
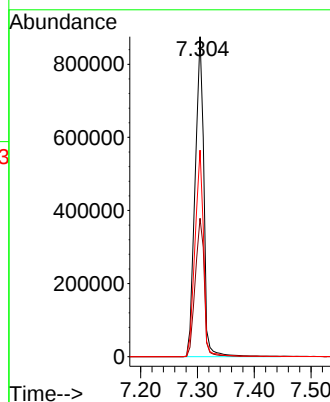
Tgt Ion: 82 Resp: 944486

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

54 64.5 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

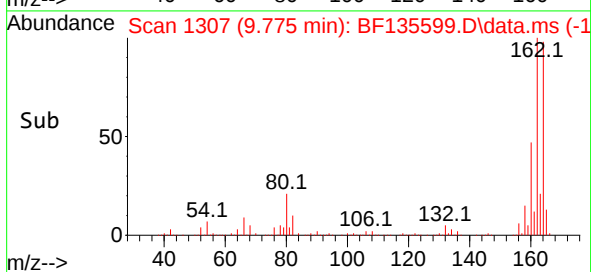
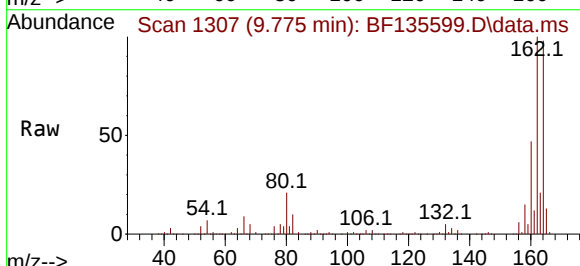
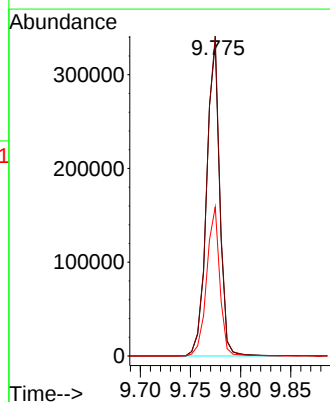
Tgt Ion:164 Resp: 306396

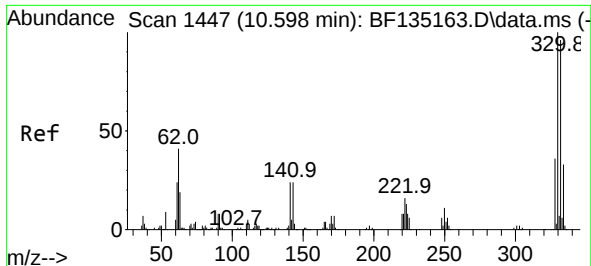
Ion Ratio Lower Upper

164 100

162 102.4 81.0 121.4

160 47.7 37.0 55.4

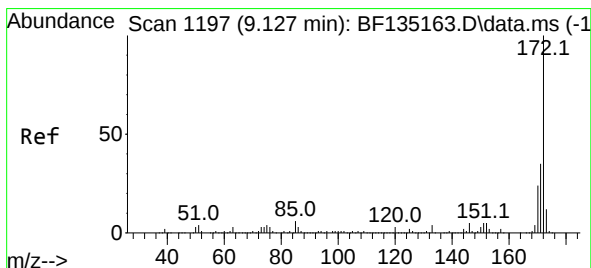
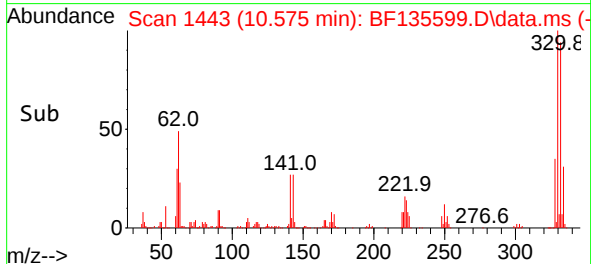
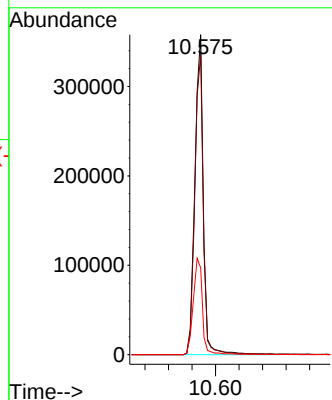
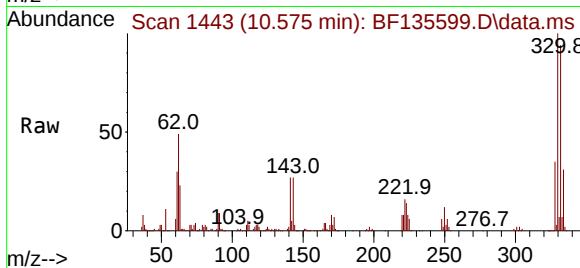




#42
2,4,6-Tribromophenol
Concen: 117.675 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

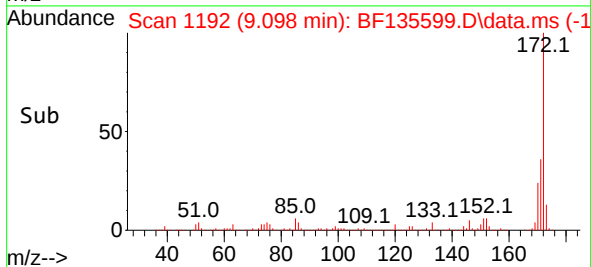
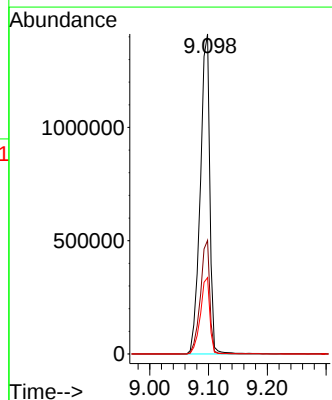
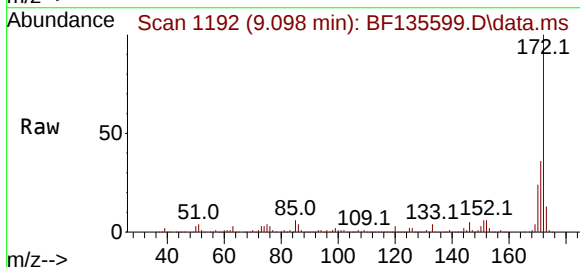
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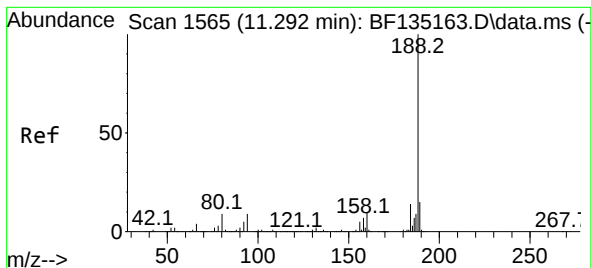
Tgt Ion:330 Resp: 358300
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 32.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 78.026 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135599.D
Acq: 05 Oct 2023 14:53

Tgt Ion:172 Resp: 1584586
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

Instrument :

BNA_F

ClientSampleId :

PB156098BL

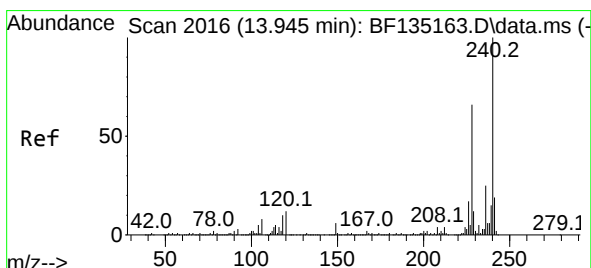
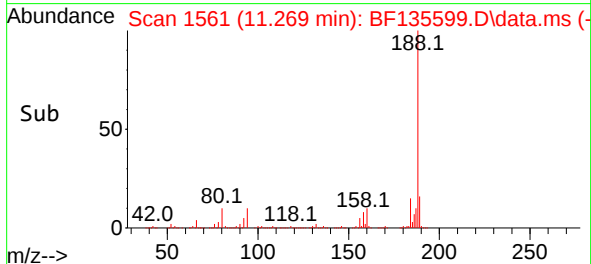
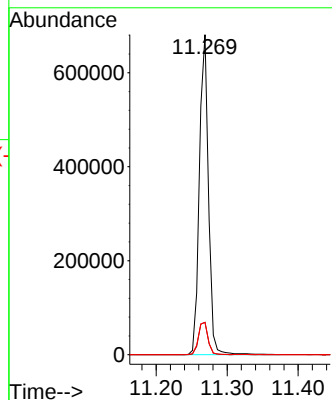
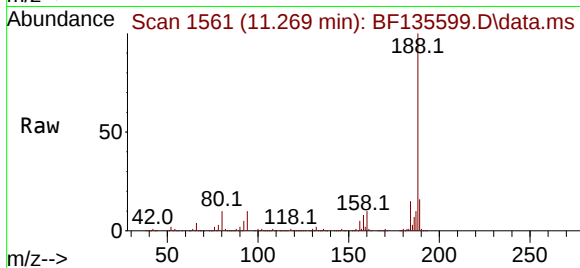
Tgt Ion:188 Resp: 606136

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135599.D

Acq: 05 Oct 2023 14:53

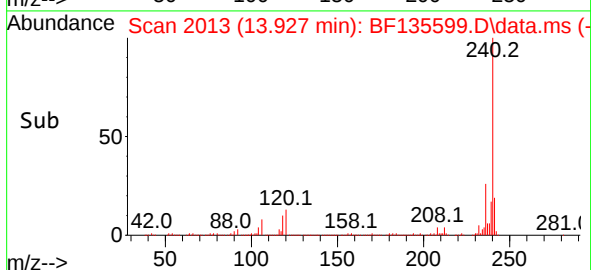
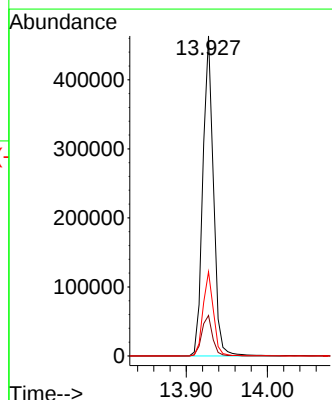
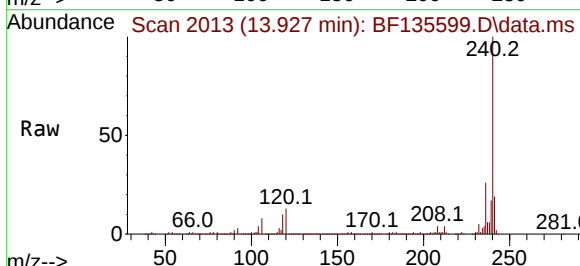
Tgt Ion:240 Resp: 421742

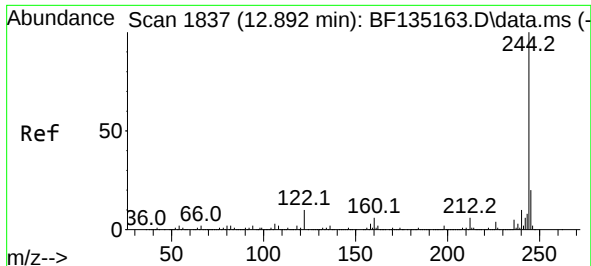
Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

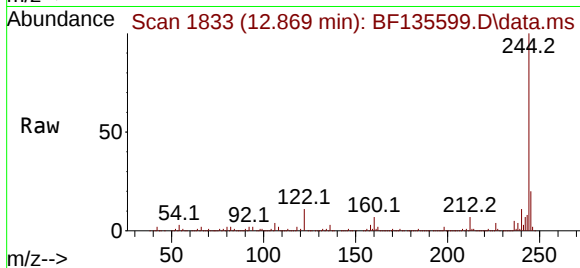
236 26.3 19.8 29.8



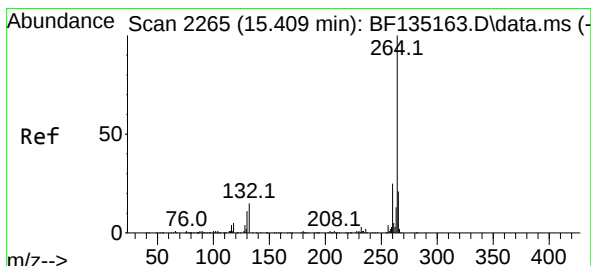
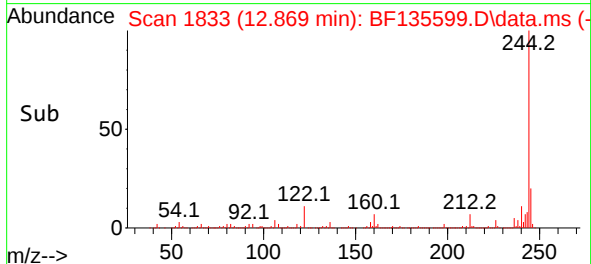
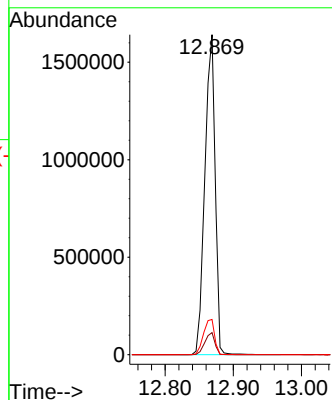


#79
 Terphenyl-d14
 Concen: 63.534 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135599.D
 Acq: 05 Oct 2023 14:53

Instrument :
 BNA_F
 ClientSampleId :
 PB156098BL



Tgt Ion:244 Resp: 1728493
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135599.D
 Acq: 05 Oct 2023 14:53

Tgt Ion:264 Resp: 283667
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 20.8 17.0 25.4

