

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135469.D
 Acq On : 27 Sep 2023 13:03
 Operator : CG\JU
 Sample : PB155813TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155813TB

Quant Time: Sep 28 01:44:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	157565	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	599692	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	291137	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	534303	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	303190	20.000	ng	0.00
86) Perylene-d12	15.409	264	243262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1298551	134.041	ng	0.02
7) Phenol-d6	6.404	99	1640187	133.149	ng	0.00
23) Nitrobenzene-d5	7.322	82	1037184	93.964	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	337250	116.567	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1714147	88.830	ng	0.00
79) Terphenyl-d14	12.886	244	1571939	80.372	ng	0.00

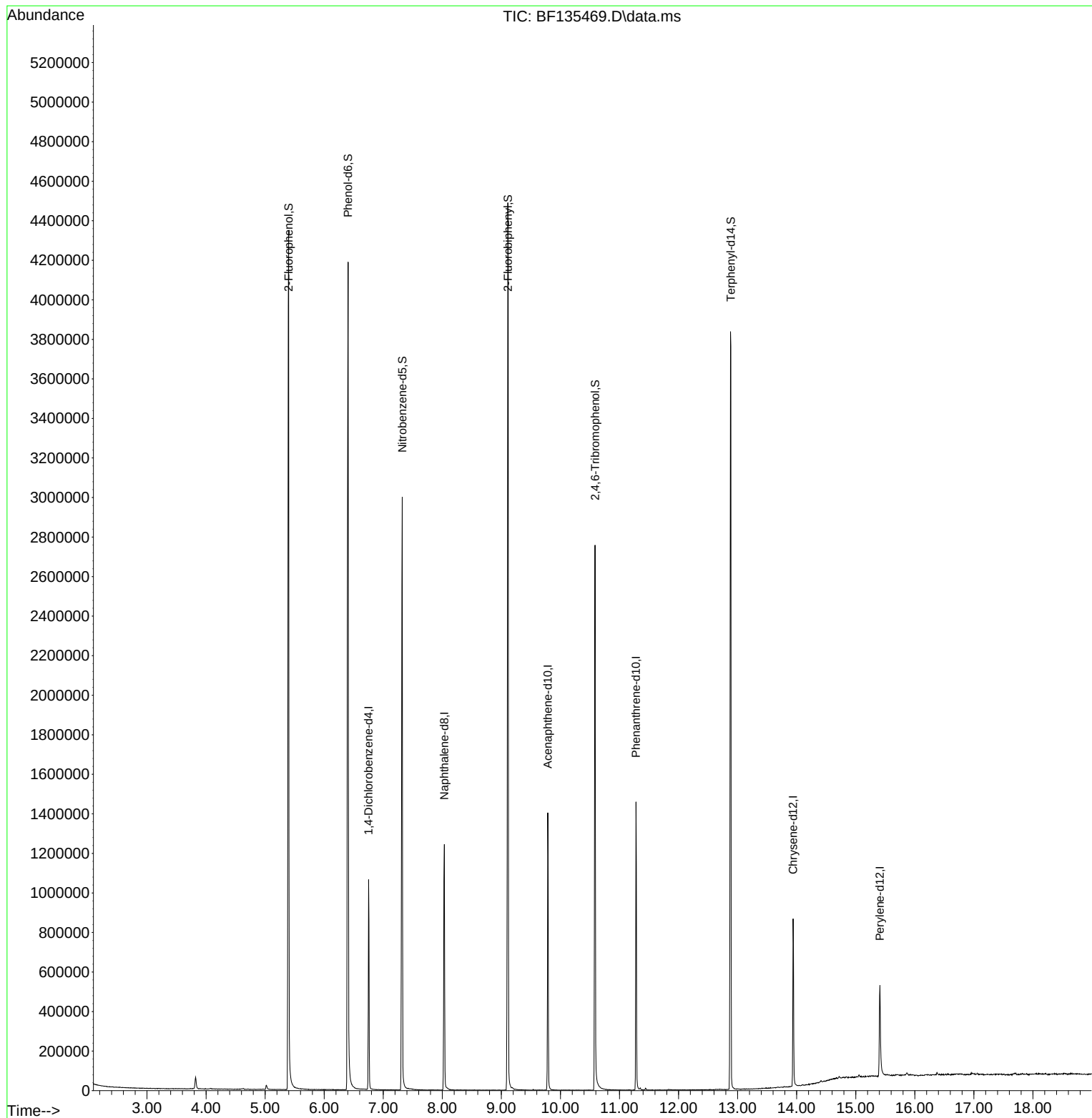
Target Compounds	Qvalue

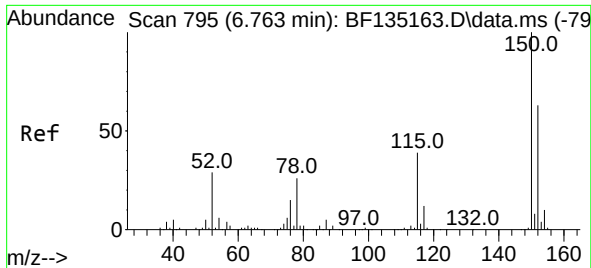
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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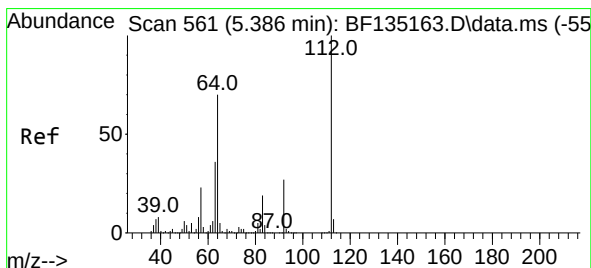
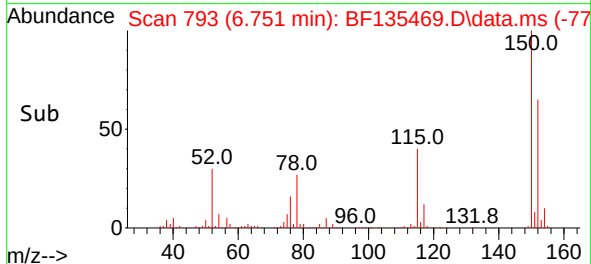
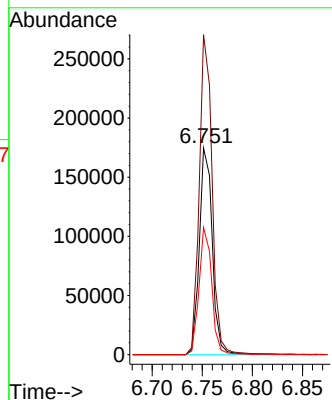
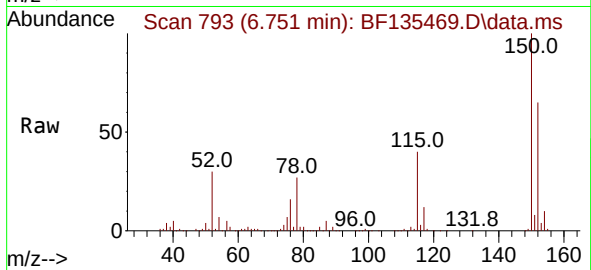




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

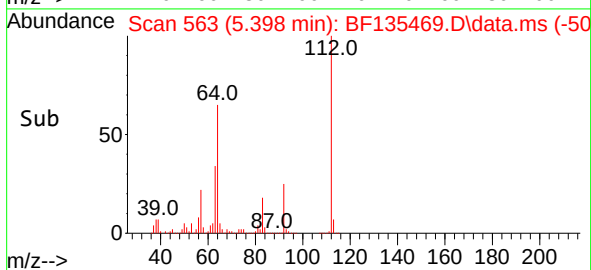
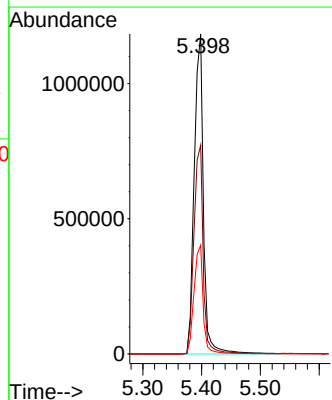
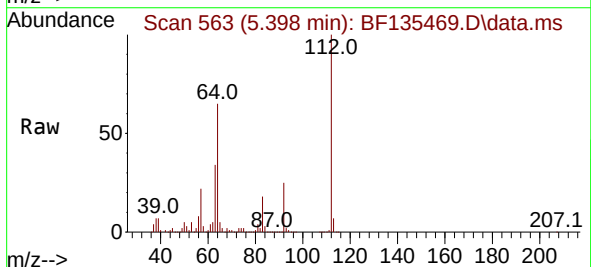
Instrument :
BNA_F
ClientSampleId :
PB155813TB

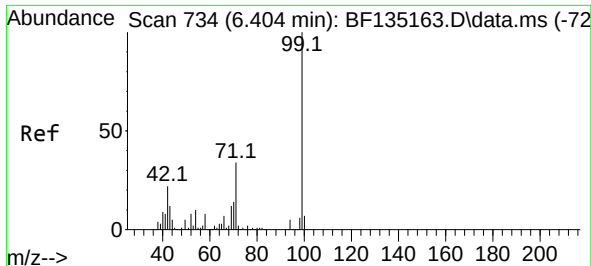
Tgt Ion:152 Resp: 157565
Ion Ratio Lower Upper
152 100
150 154.8 127.8 191.6
115 61.5 49.8 74.8



#5
2-Fluorophenol
Concen: 134.041 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Tgt Ion:112 Resp: 1298551
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 34.0 29.0 43.6



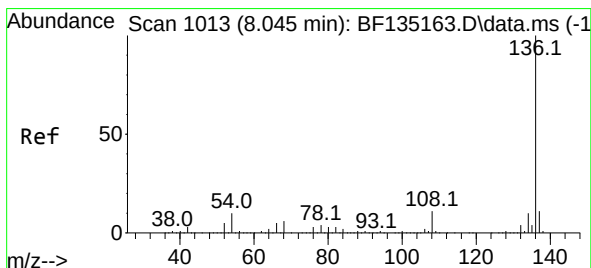
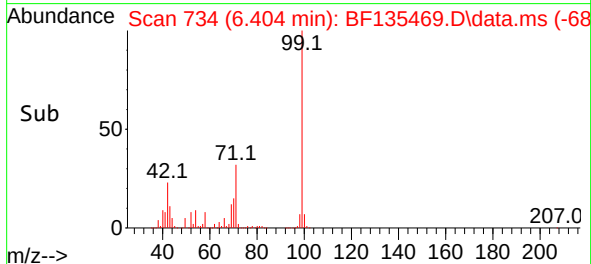
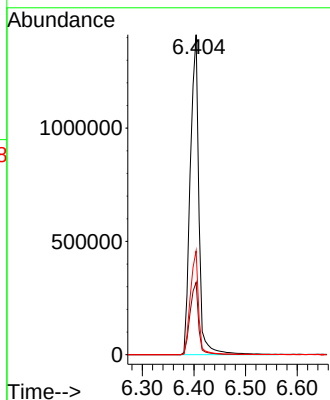
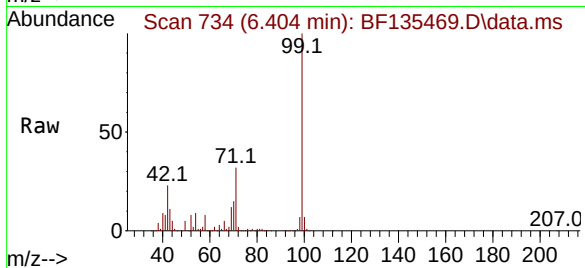


#7
Phenol-d6
Concen: 133.149 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Instrument :
BNA_F
ClientSampleId :
PB155813TB

Tgt Ion: 99 Resp: 1640187

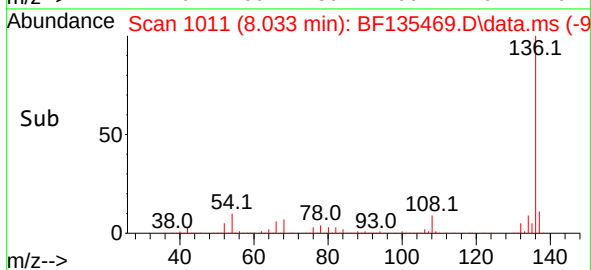
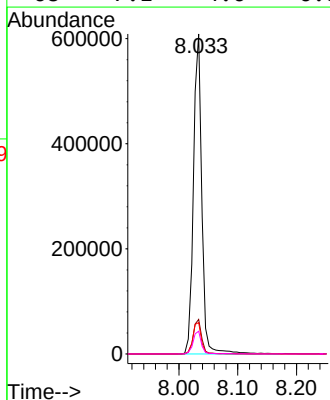
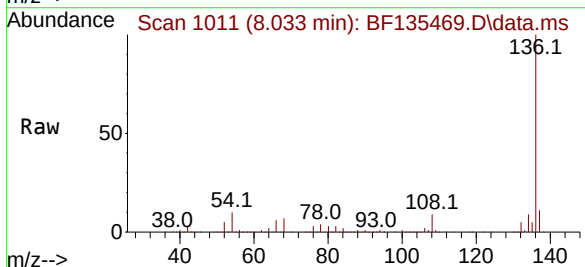
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	32.4	27.0	40.6

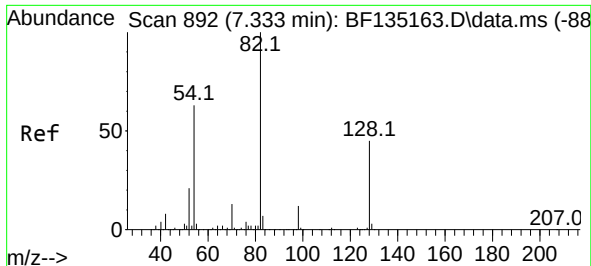


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Tgt Ion: 136 Resp: 599692

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.8	7.7	11.5
68	7.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 93.964 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Instrument :

BNA_F

ClientSampleId :

PB155813TB

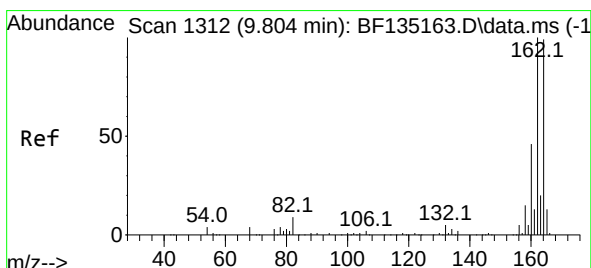
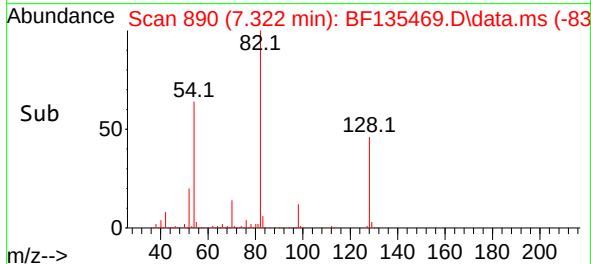
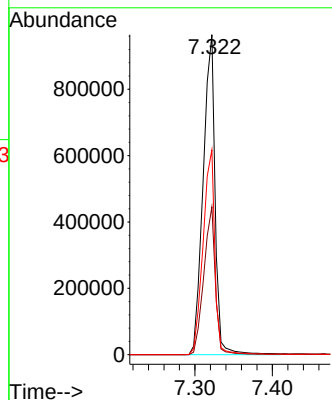
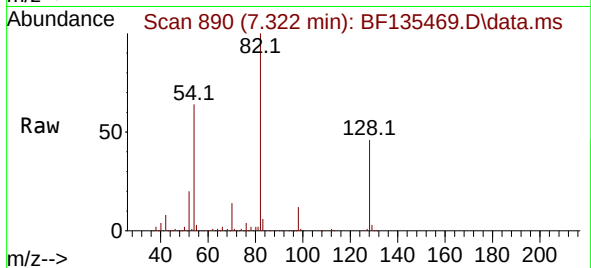
Tgt Ion: 82 Resp: 1037184

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.6

54 64.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

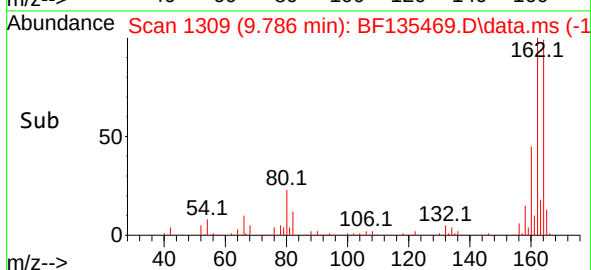
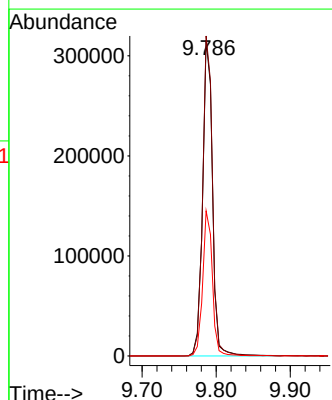
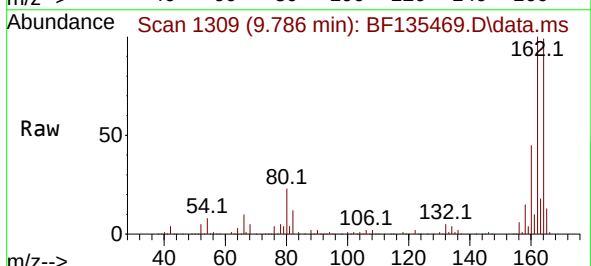
Tgt Ion:164 Resp: 291137

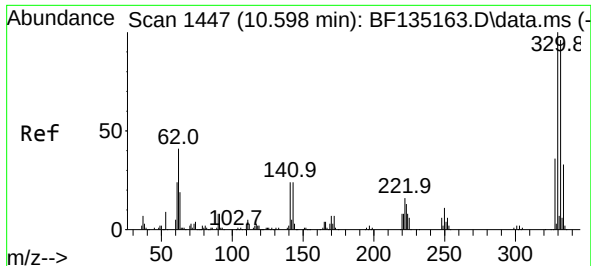
Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

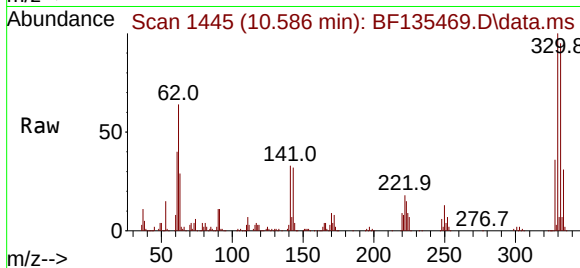
160 46.0 37.0 55.4



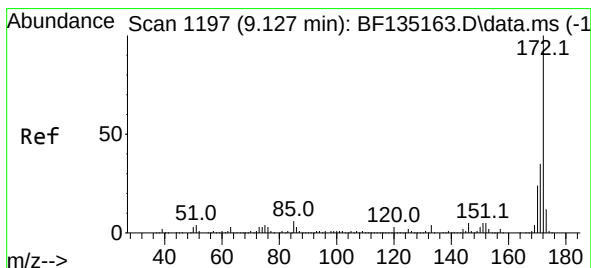
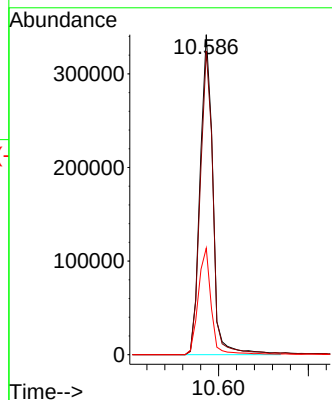
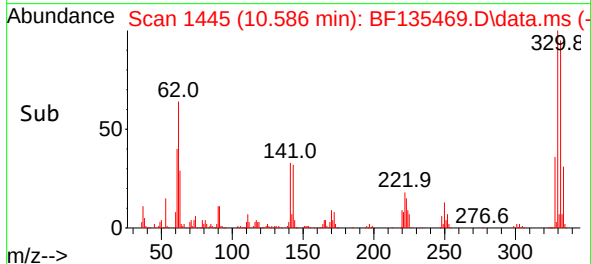


#42
 2,4,6-Tribromophenol
 Concen: 116.567 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135469.D
 Acq: 27 Sep 2023 13:03

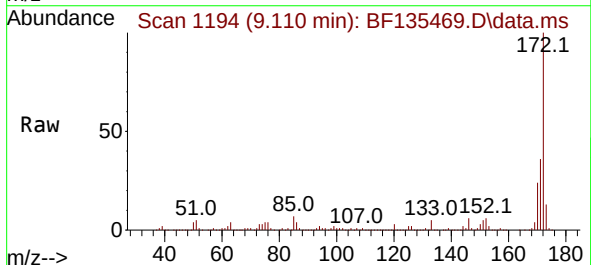
Instrument :
 BNA_F
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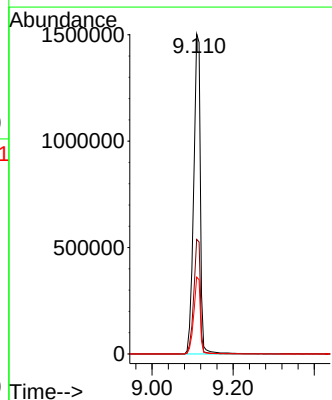
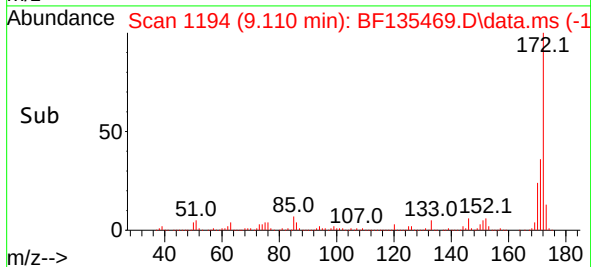
Tgt Ion:330 Resp: 337250
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 34.0 25.8 38.8

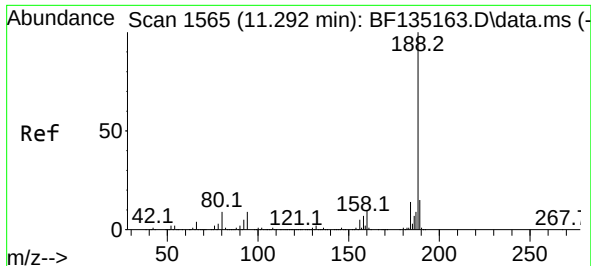


#45
 2-Fluorobiphenyl
 Concen: 88.830 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135469.D
 Acq: 27 Sep 2023 13:03



Tgt Ion:172 Resp: 1714147
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.4 42.6
 170 24.0 19.0 28.4

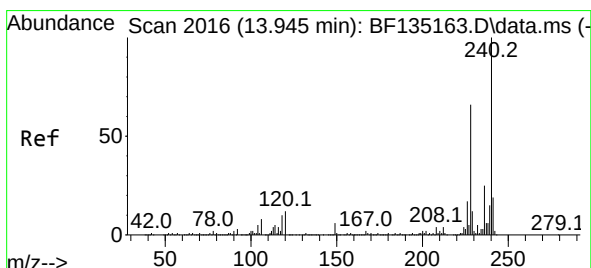
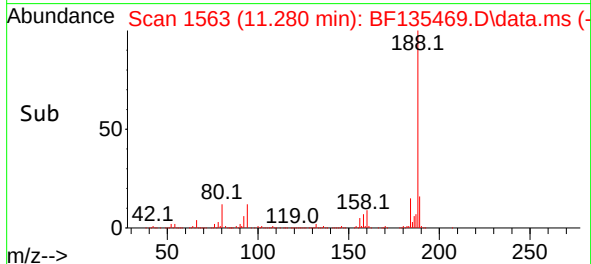
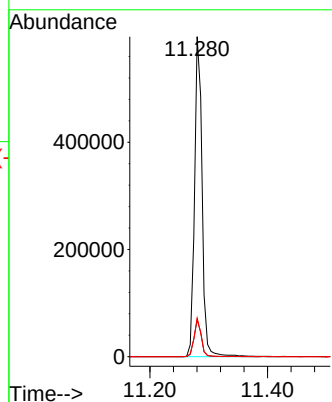
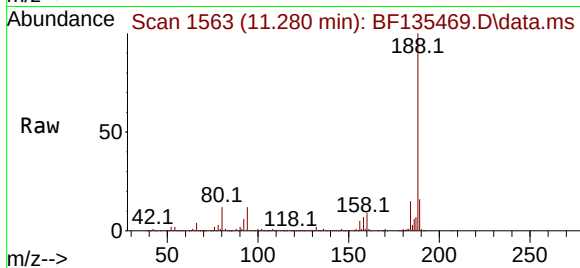




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

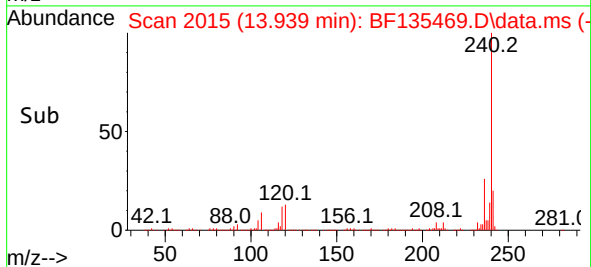
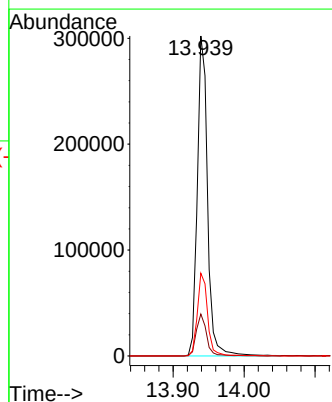
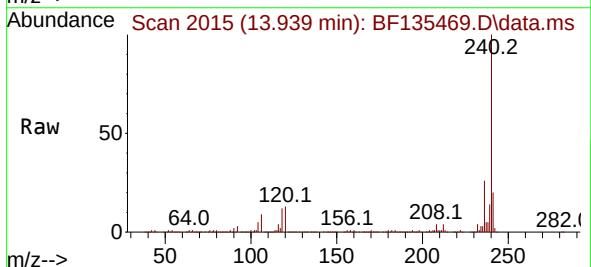
Instrument :
BNA_F
ClientSampleId :
PB155813TB

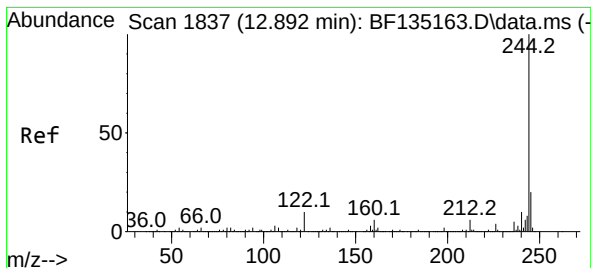
Tgt Ion:188 Resp: 534303
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.1 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135469.D
Acq: 27 Sep 2023 13:03

Tgt Ion:240 Resp: 303190
Ion Ratio Lower Upper
240 100
120 13.1 9.4 14.2
236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 80.372 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Instrument :

BNA_F

ClientSampleId :

PB155813TB

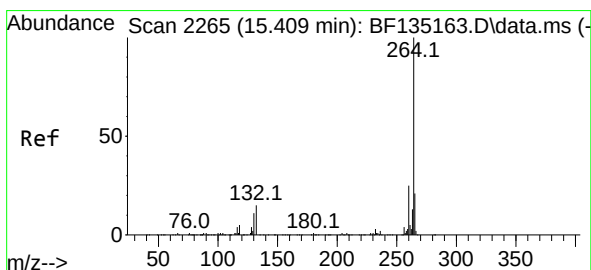
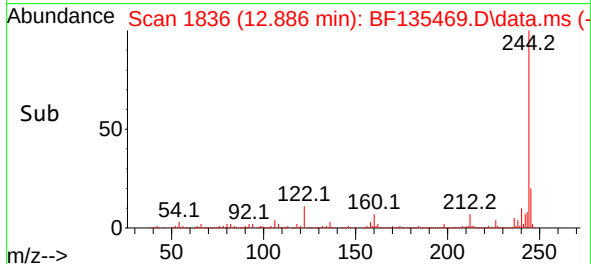
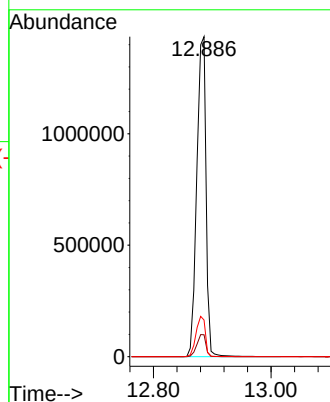
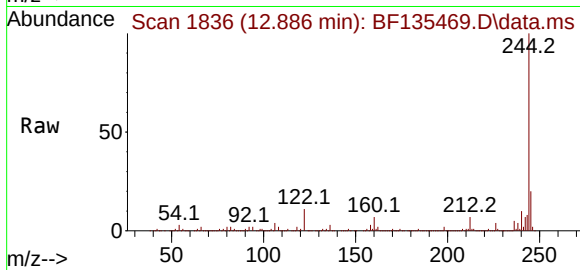
Tgt Ion:244 Resp: 1571939

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135469.D

Acq: 27 Sep 2023 13:03

Tgt Ion:264 Resp: 243262

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.6

265 22.6 17.0 25.4

