

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135466.D
 Acq On : 27 Sep 2023 11:32
 Operator : CG\JU
 Sample : PB155849BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155849BL

Quant Time: Sep 28 10:42:30 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	170069	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	657427	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	320420	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	584276	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	329560	20.000	ng	0.00
86) Perylene-d12	15.410	264	286732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1343176	128.454	ng	0.02
7) Phenol-d6	6.404	99	1725510	129.776	ng	0.00
23) Nitrobenzene-d5	7.322	82	1100895	90.977	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	362003	113.687	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1773092	83.487	ng	0.00
79) Terphenyl-d14	12.880	244	1649215	77.576	ng	0.00

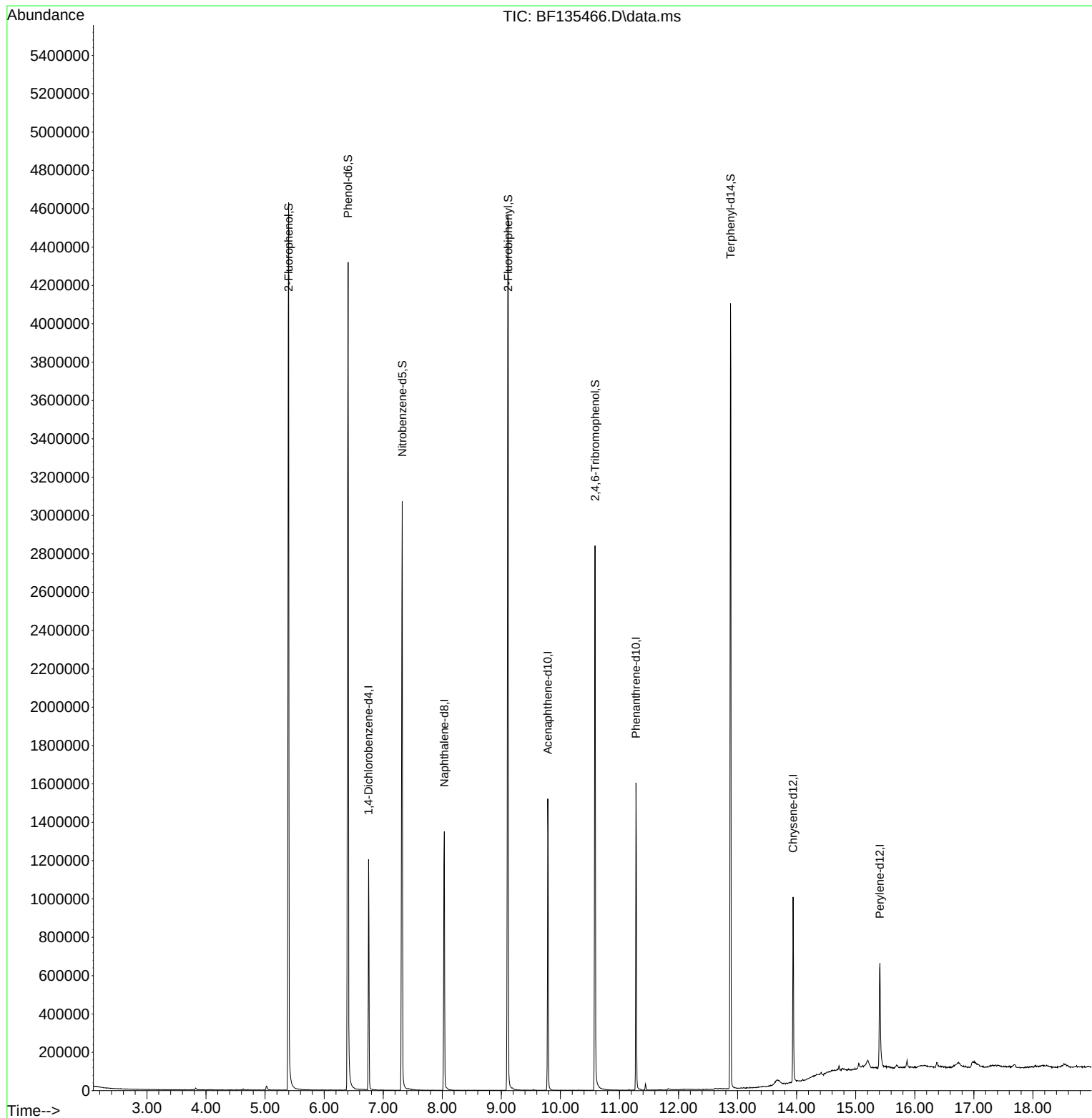
Target Compounds	Qvalue

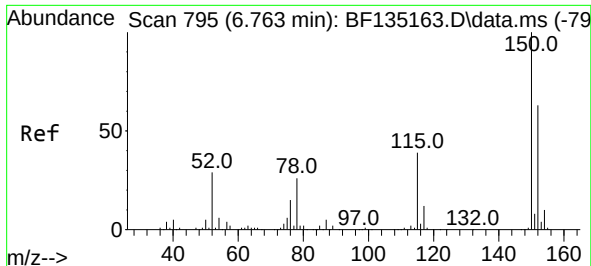
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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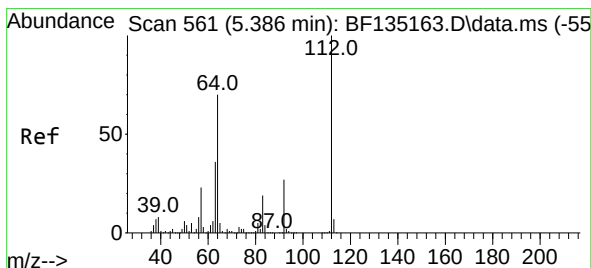
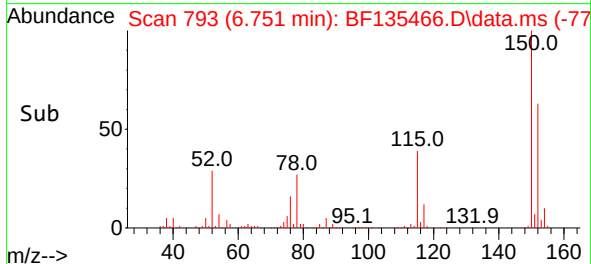
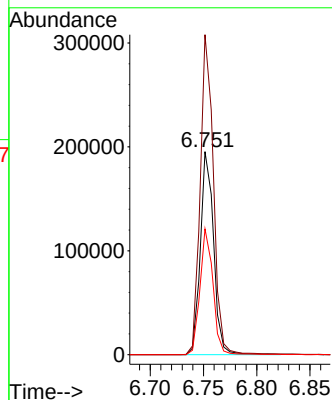
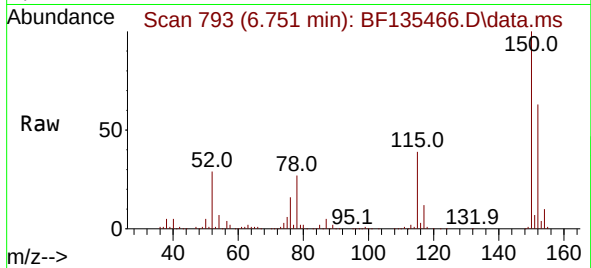




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

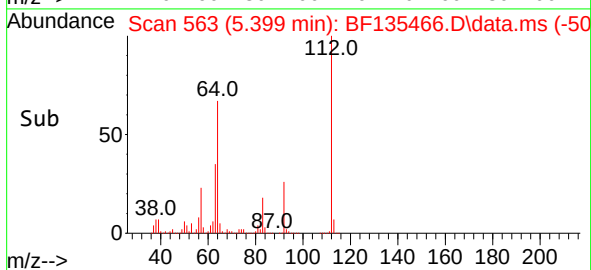
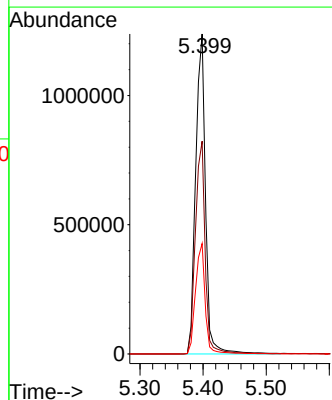
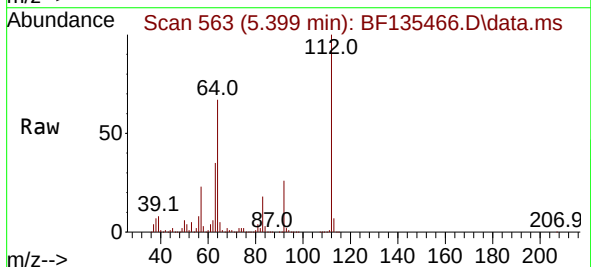
Instrument :
BNA_F
ClientSampleId :
PB155849BL

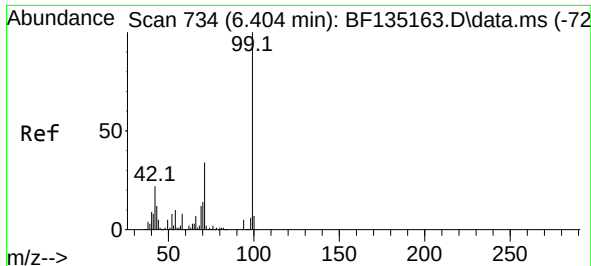
Tgt Ion:152 Resp: 170069
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 61.9 49.8 74.8



#5
2-Fluorophenol
Concen: 128.454 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

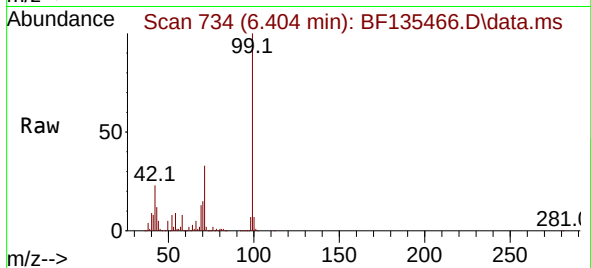
Tgt Ion:112 Resp: 1343176
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.5 29.0 43.6





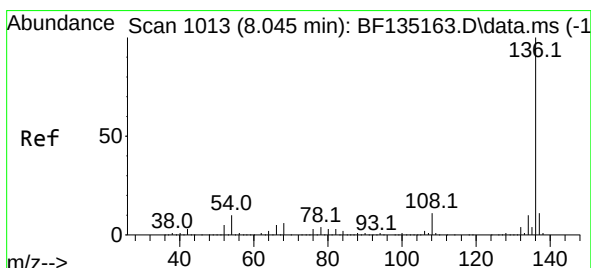
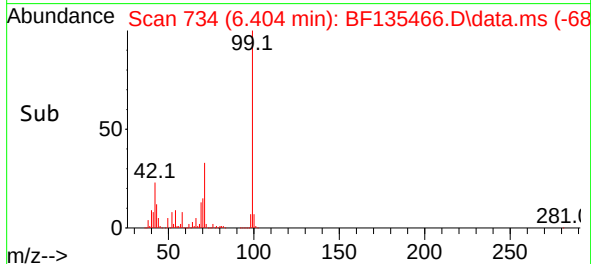
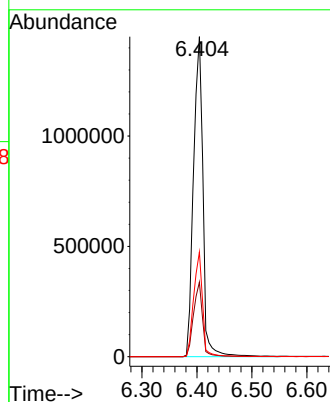
#7
Phenol-d6
Concen: 129.776 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Instrument :
BNA_F
ClientSampleId :
PB155849BL



Tgt Ion: 99 Resp: 1725510

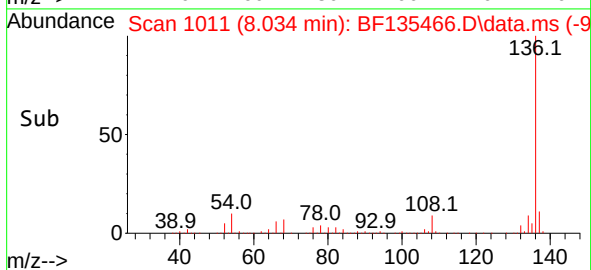
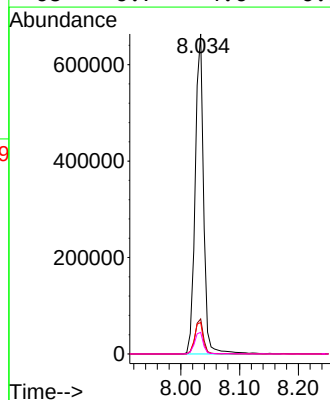
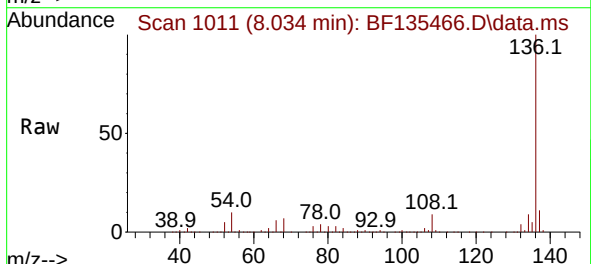
Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	32.7	27.0	40.6

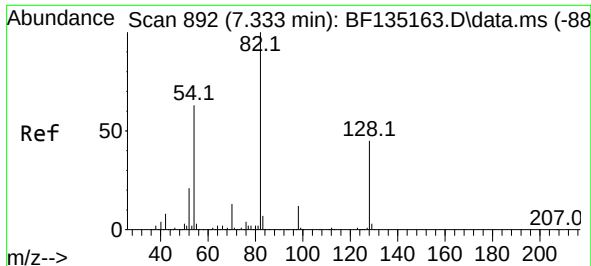


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135466.D
Acq: 27 Sep 2023 11:32

Tgt Ion: 136 Resp: 657427

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	7.7	11.5
68	6.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 90.977 ng

RT: 7.322 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Instrument :

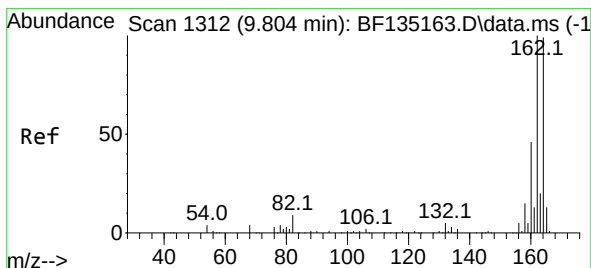
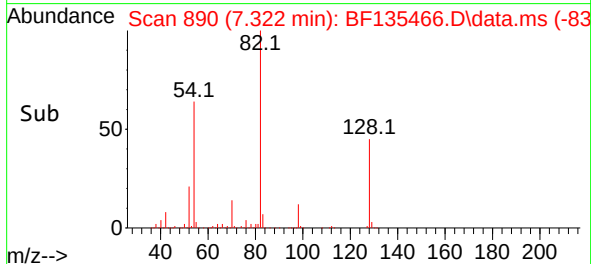
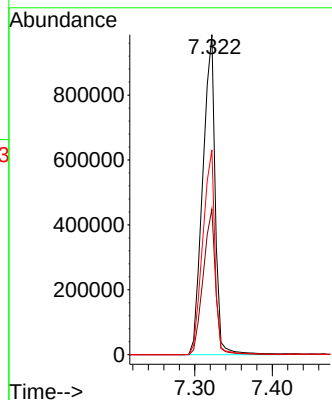
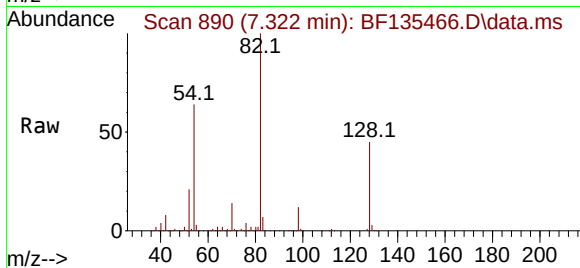
BNA_F

ClientSampleId :

PB155849BL

Tgt Ion: 82 Resp: 1100895

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.8	53.6
54	64.0	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

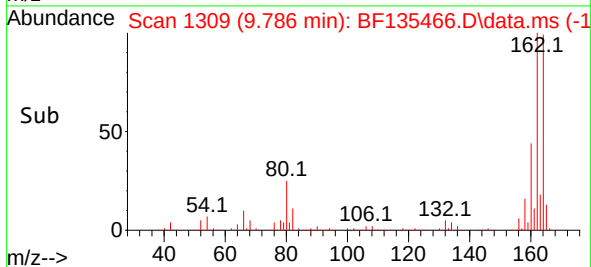
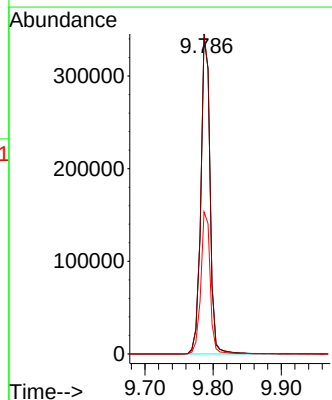
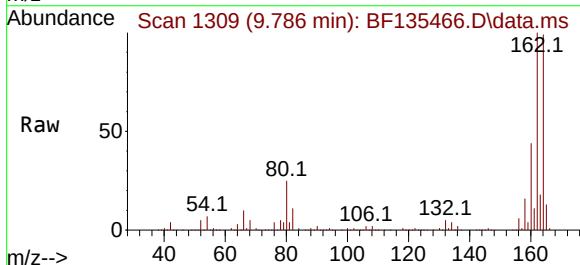
Delta R.T. -0.006 min

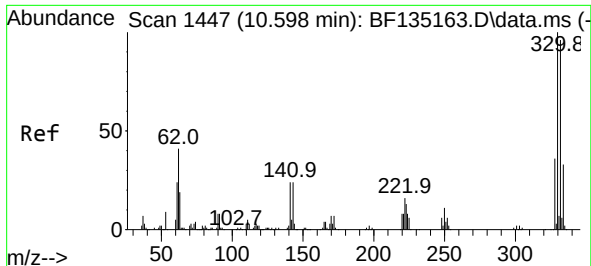
Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Tgt Ion:164 Resp: 320420

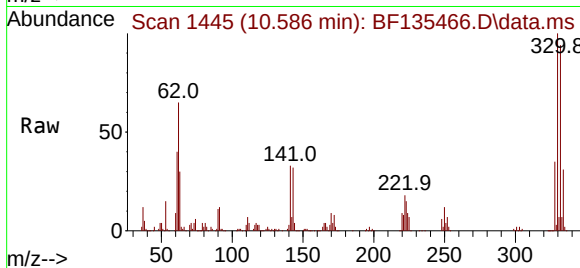
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.0	121.4
160	44.9	37.0	55.4



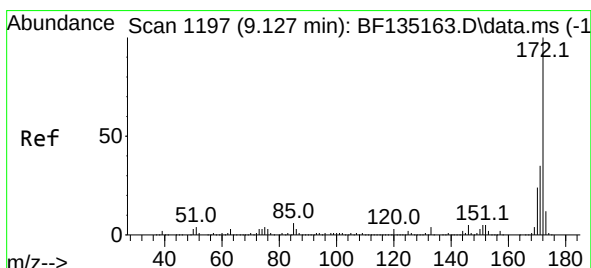
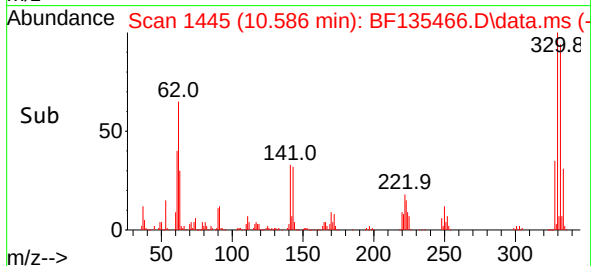
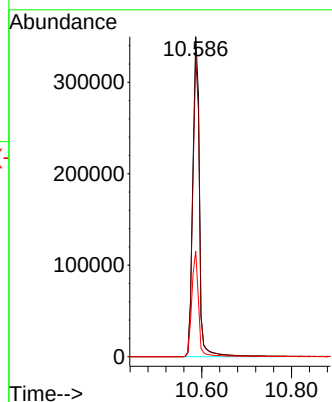


#42
 2,4,6-Tribromophenol
 Concen: 113.687 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: BF135466.D
 Acq: 27 Sep 2023 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB155849BL

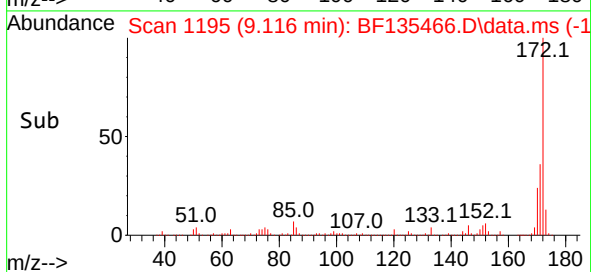
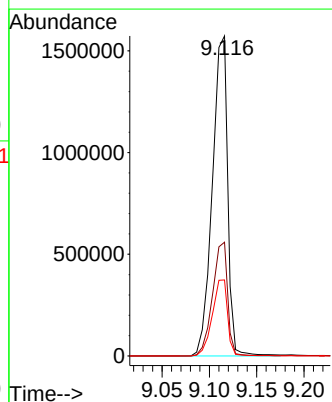
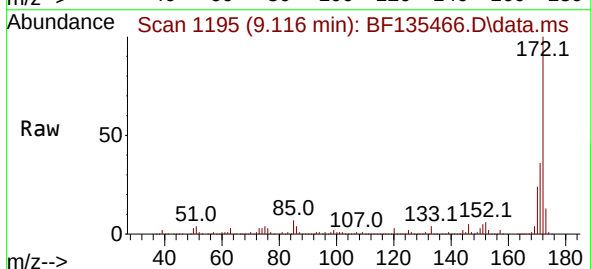


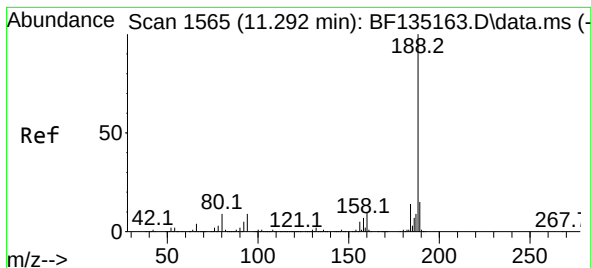
Tgt Ion:330 Resp: 362003
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 33.2 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 83.487 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: BF135466.D
 Acq: 27 Sep 2023 11:32

Tgt Ion:172 Resp: 1773092
 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: 11.281 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135466.D

Acq: 27 Sep 2023 11:32

Instrument :

BNA_F

ClientSampleId :

PB155849BL

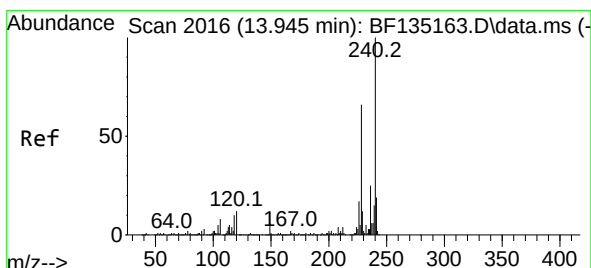
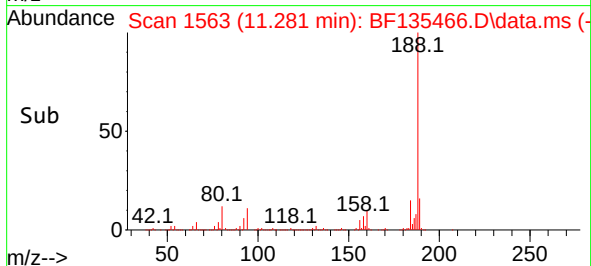
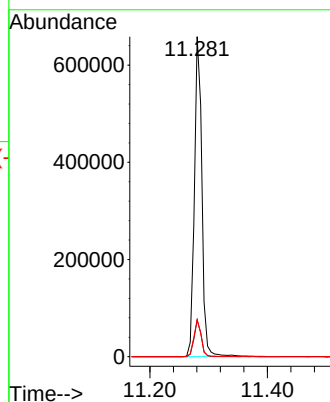
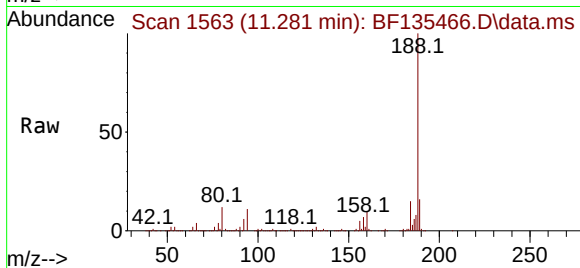
Tgt Ion:188 Resp: 584276

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 11.6 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: BF135466.D

Acq: 27 Sep 2023 11:32

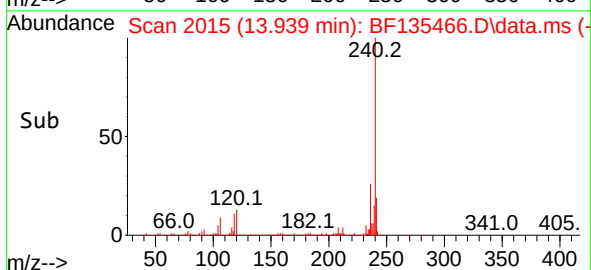
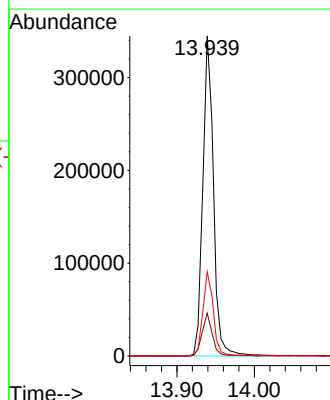
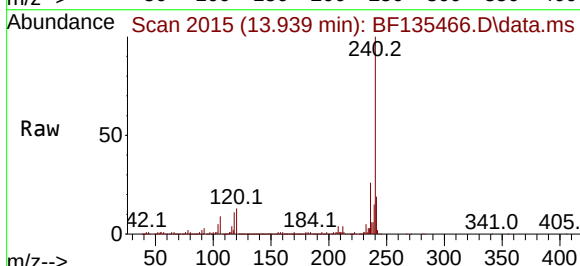
Tgt Ion:240 Resp: 329560

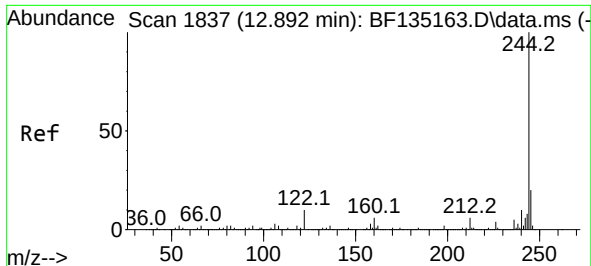
Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

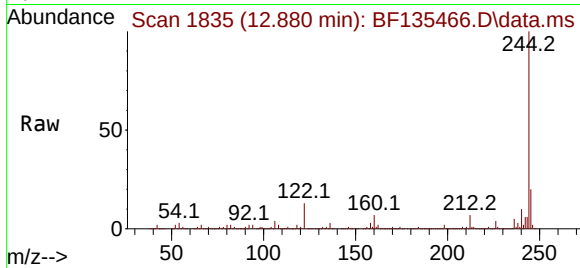
236 26.3 19.8 29.8



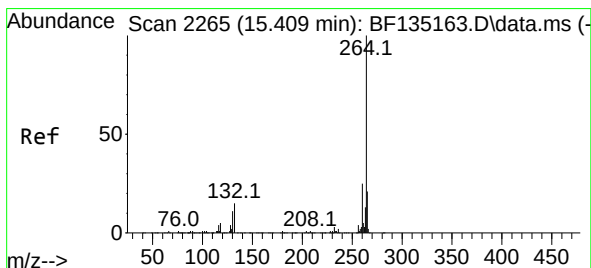
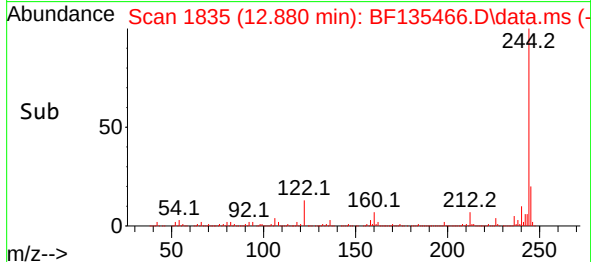
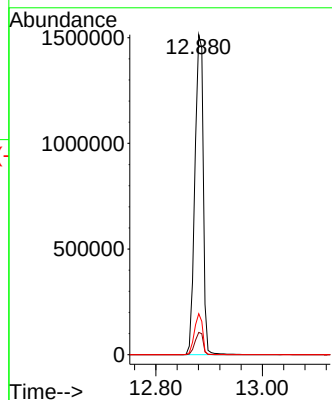


#79
 Terphenyl-d14
 Concen: 77.576 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135466.D
 Acq: 27 Sep 2023 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB155849BL



Tgt Ion:244 Resp: 1649215
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.8 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135466.D
 Acq: 27 Sep 2023 11:32

Tgt Ion:264 Resp: 286732
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 21.5 17.0 25.4

