

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135478.D
 Acq On : 27 Sep 2023 18:04
 Operator : CG\JU
 Sample : 04566-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-9-20

Quant Time: Sep 28 01:50:42 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	179578	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	677092	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	311073	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	518758	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	287046	20.000	ng	0.00
86) Perylene-d12	15.410	264	357614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	502142	45.479	ng	0.00
7) Phenol-d6	6.398	99	390830	27.838	ng	0.00
23) Nitrobenzene-d5	7.322	82	829072	66.524	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	244303	79.029	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1358638	65.895	ng	0.00
79) Terphenyl-d14	12.880	244	1249589	67.484	ng	0.00

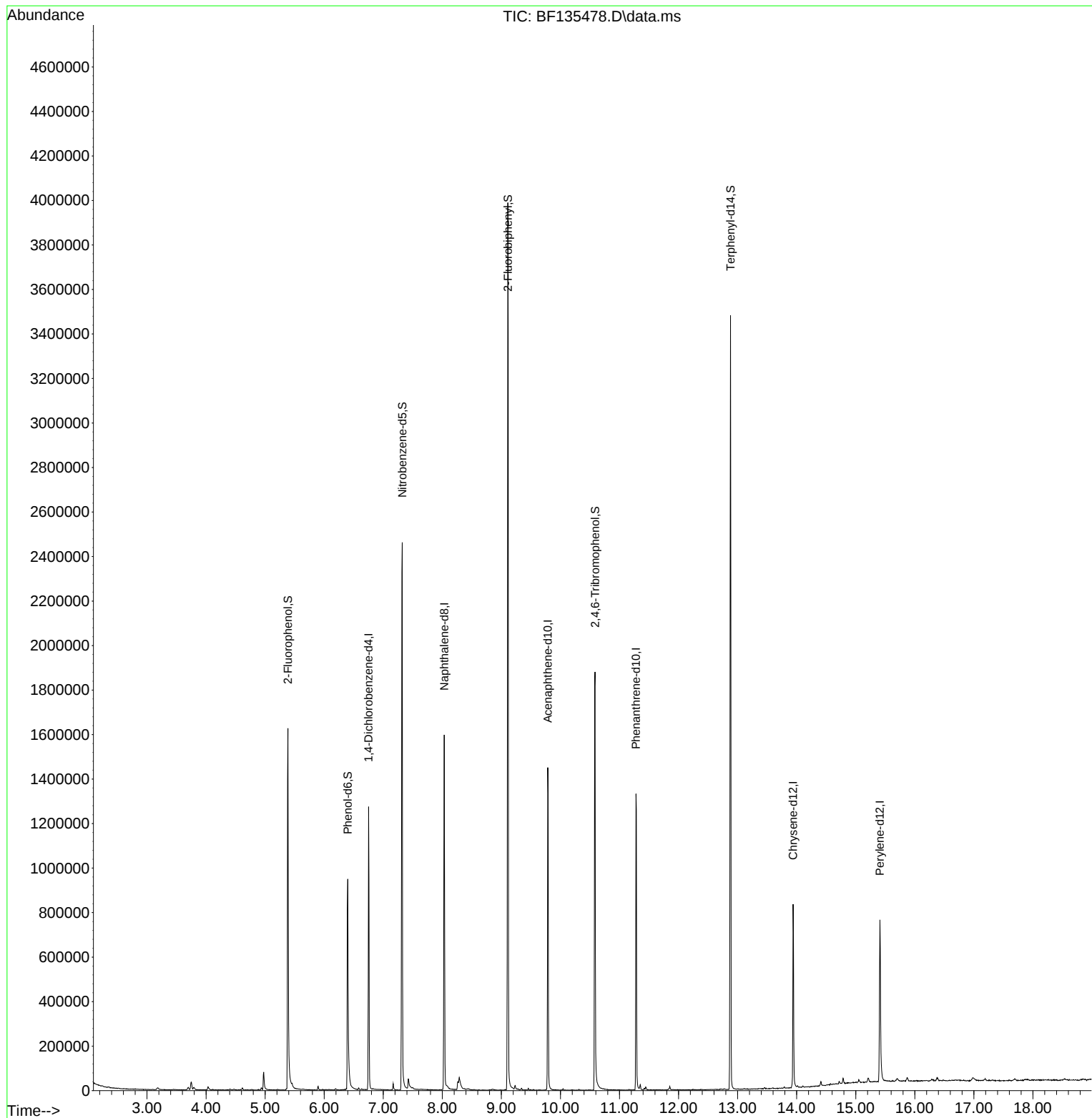
Target Compounds	Qvalue

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

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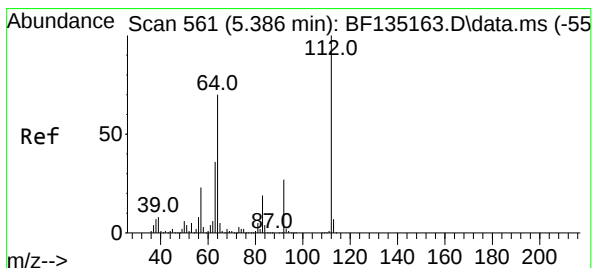
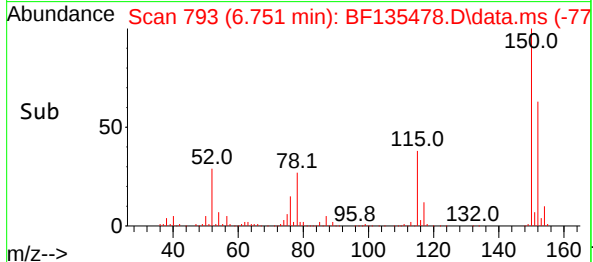
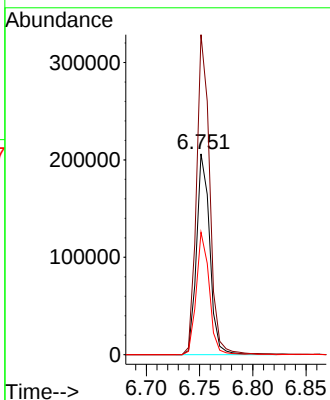
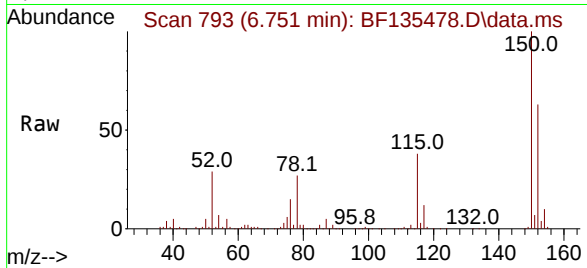




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

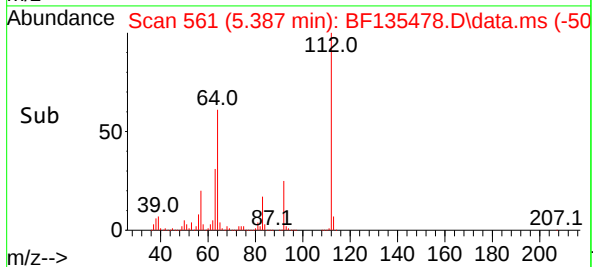
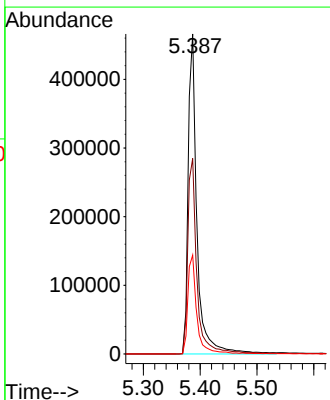
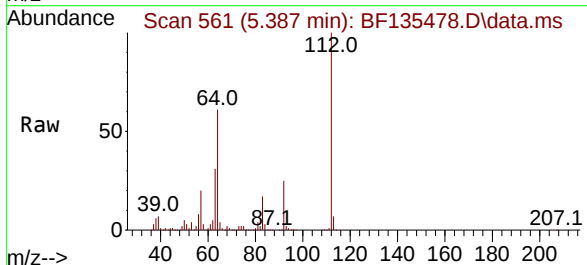
Instrument :
BNA_F
ClientSampleId :
FB-9-20

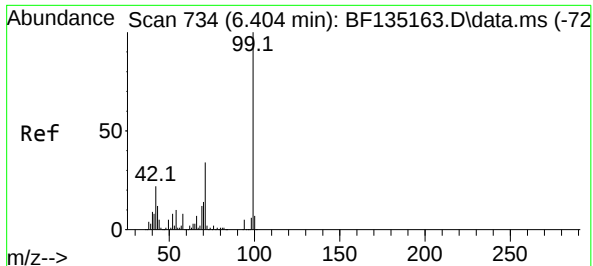
Tgt Ion:152 Resp: 179578
Ion Ratio Lower Upper
152 100
150 159.3 127.8 191.6
115 60.9 49.8 74.8



#5
2-Fluorophenol
Concen: 45.479 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

Tgt Ion:112 Resp: 502142
Ion Ratio Lower Upper
112 100
64 61.1 55.9 83.9
63 30.9 29.0 43.6

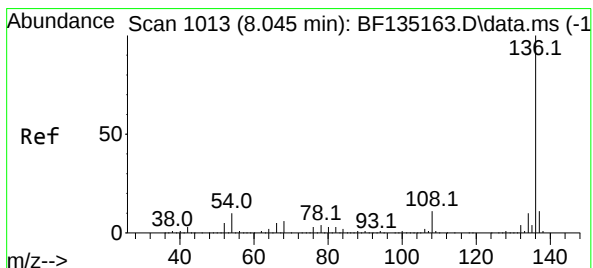
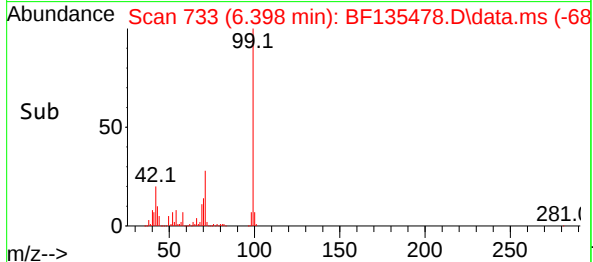
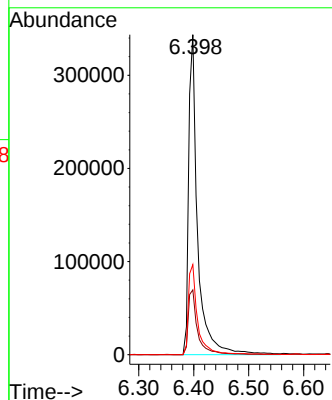
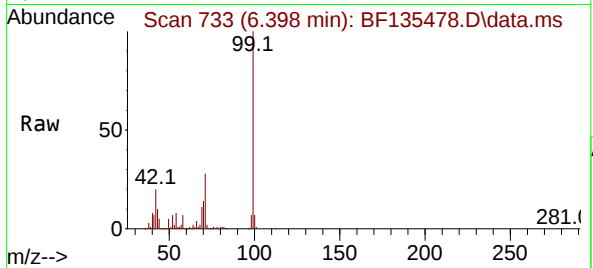




#7
Phenol-d6
Concen: 27.838 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

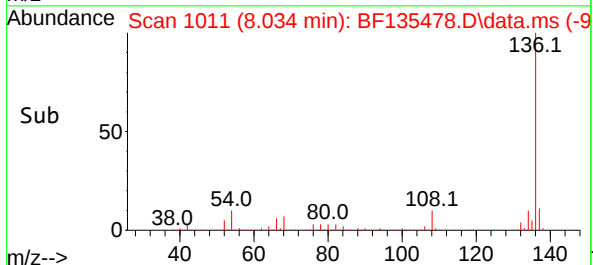
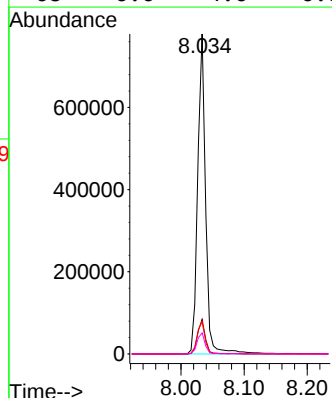
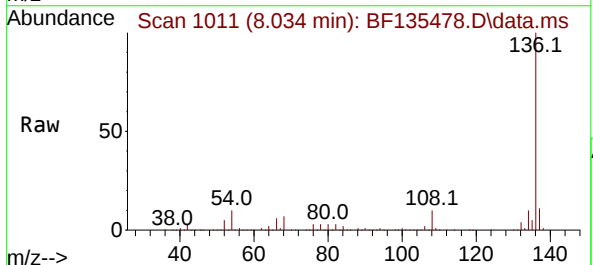
Instrument :
BNA_F
ClientSampleId :
FB-9-20

Tgt Ion: 99 Resp: 390830
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 28.2 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: BF135478.D
Acq: 27 Sep 2023 18:04

Tgt Ion: 136 Resp: 677092
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.0 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.524 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135478.D

Acq: 27 Sep 2023 18:04

Instrument :

BNA_F

ClientSampleId :

FB-9-20

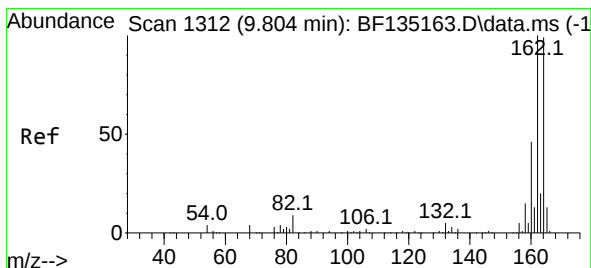
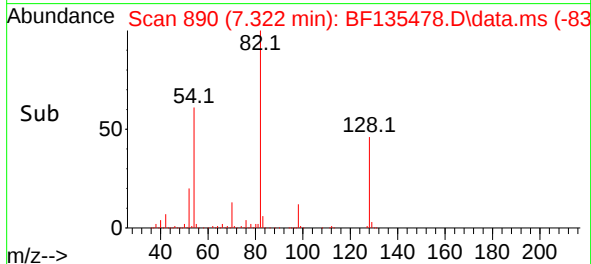
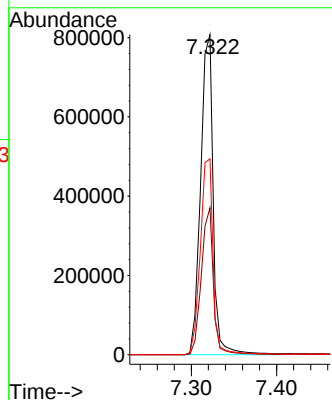
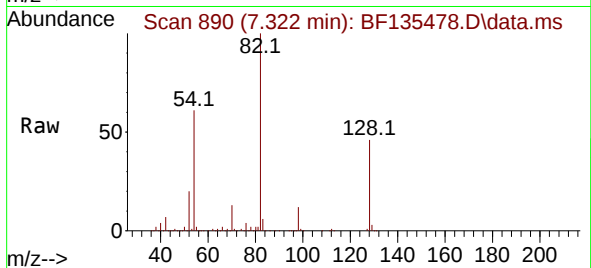
Tgt Ion: 82 Resp: 829072

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 61.2 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: BF135478.D

Acq: 27 Sep 2023 18:04

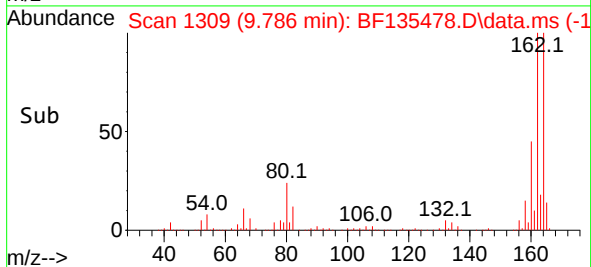
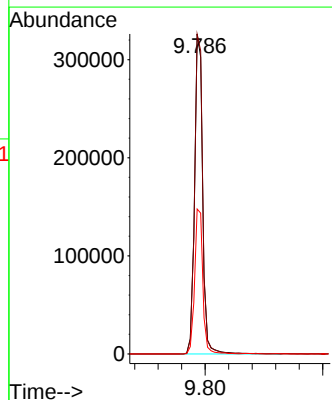
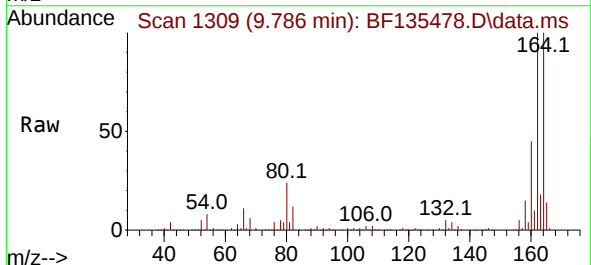
Tgt Ion:164 Resp: 311073

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

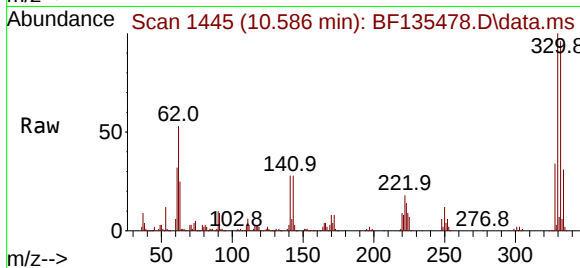
160 45.3 37.0 55.4



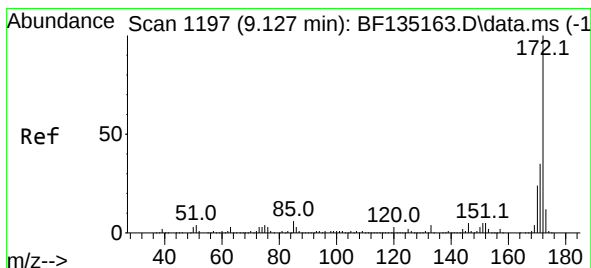
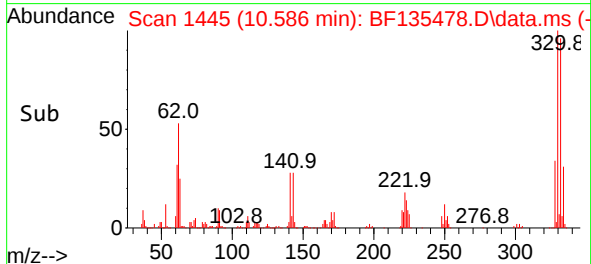
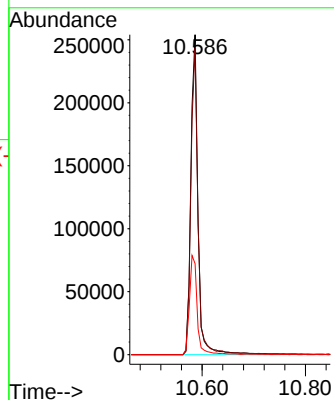


#42
 2,4,6-Tribromophenol
 Concen: 79.029 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135478.D
 Acq: 27 Sep 2023 18:04

Instrument :
 BNA_F
 ClientSampleId :
 FB-9-20

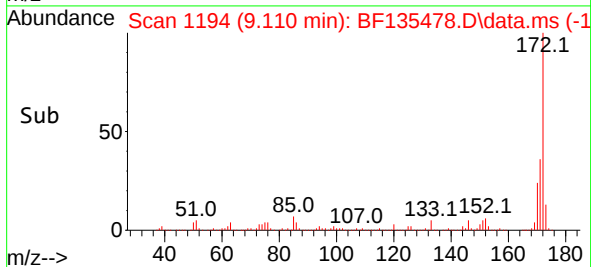
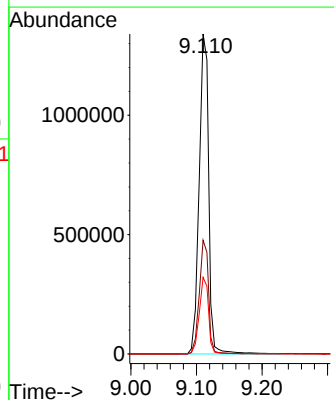
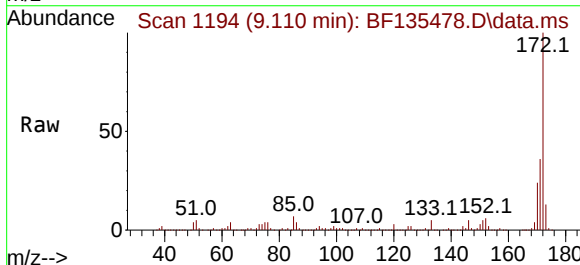


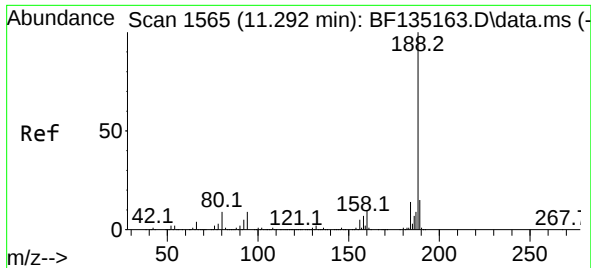
Tgt Ion: 330 Resp: 244303
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 33.6 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 65.895 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135478.D
 Acq: 27 Sep 2023 18:04

Tgt Ion: 172 Resp: 1358638
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 24.0 19.0 28.4

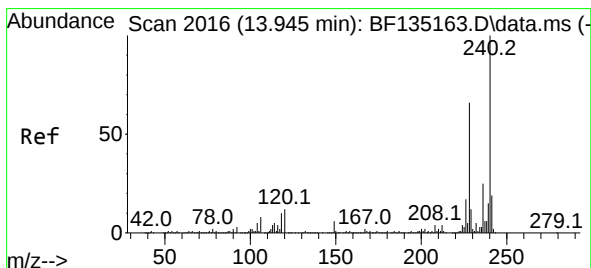
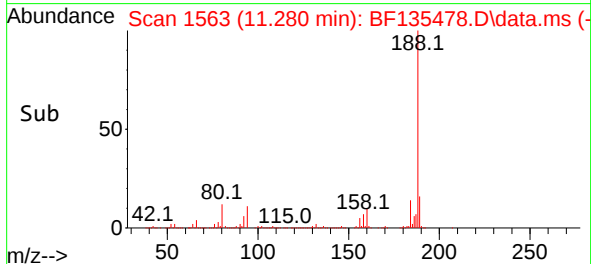
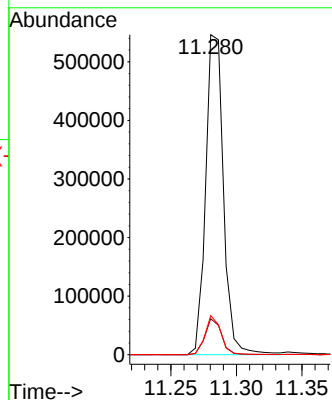
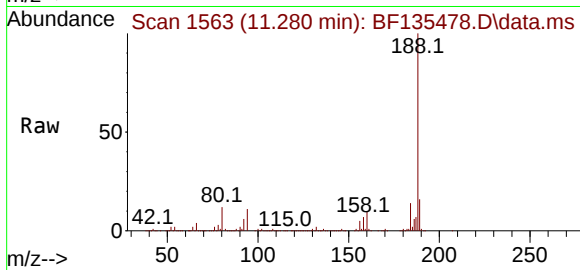




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135478.D
Acq: 27 Sep 2023 18:04

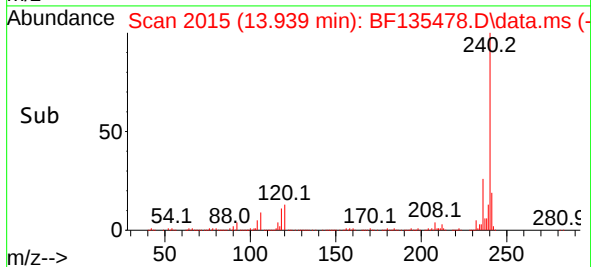
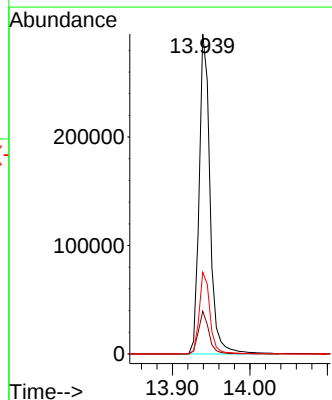
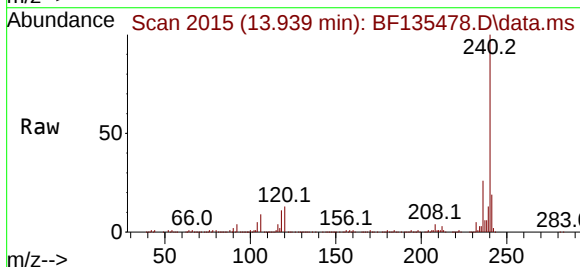
Instrument :
BNA_F
ClientSampleId :
FB-9-20

Tgt Ion:188 Resp: 518758
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 12.2 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: BF135478.D
Acq: 27 Sep 2023 18:04

Tgt Ion:240 Resp: 287046
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.2
236 25.5 19.8 29.8

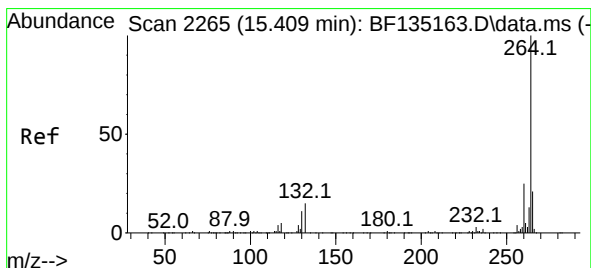
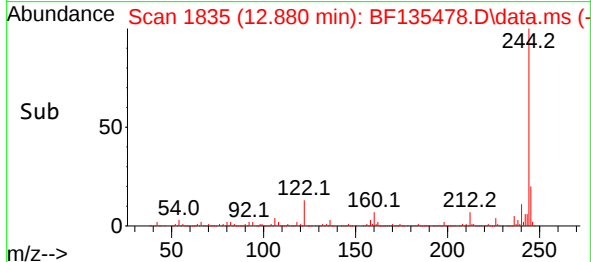
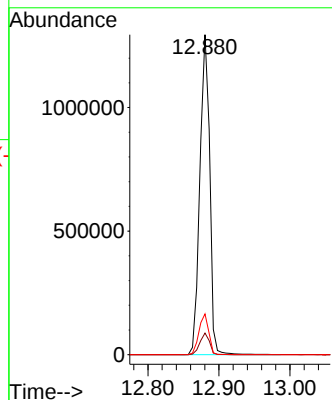
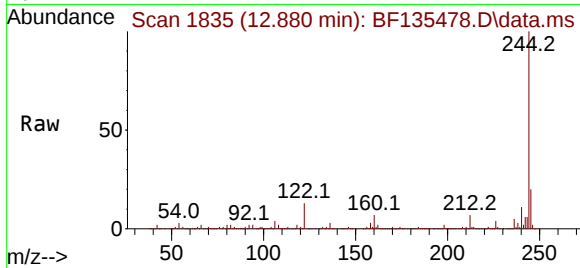




#79
 Terphenyl-d14
 Concen: 67.484 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135478.D
 Acq: 27 Sep 2023 18:04

Instrument :
 BNA_F
 ClientSampleId :
 FB-9-20

Tgt Ion:244 Resp: 1249589
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: BF135478.D
 Acq: 27 Sep 2023 18:04

Tgt Ion:264 Resp: 357614
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.2 17.0 25.4

