

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135476.D
 Acq On : 27 Sep 2023 17:03
 Operator : CG\JU
 Sample : 04601-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 28 01:49:39 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	6.757	152	158670	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	608409	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	280351	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	459552	20.000	ng	0.00
76) Chrysene-d12	13.945	240	249970	20.000	ng	0.00
86) Perylene-d12	15.409	264	317102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1254041	128.545	ng	0.02
7) Phenol-d6	6.404	99	1475744	118.965	ng	0.00
23) Nitrobenzene-d5	7.322	82	1064955	95.098	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	318058	114.163	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1675795	90.184	ng	0.00
79) Terphenyl-d14	12.880	244	1246514	77.303	ng	0.00

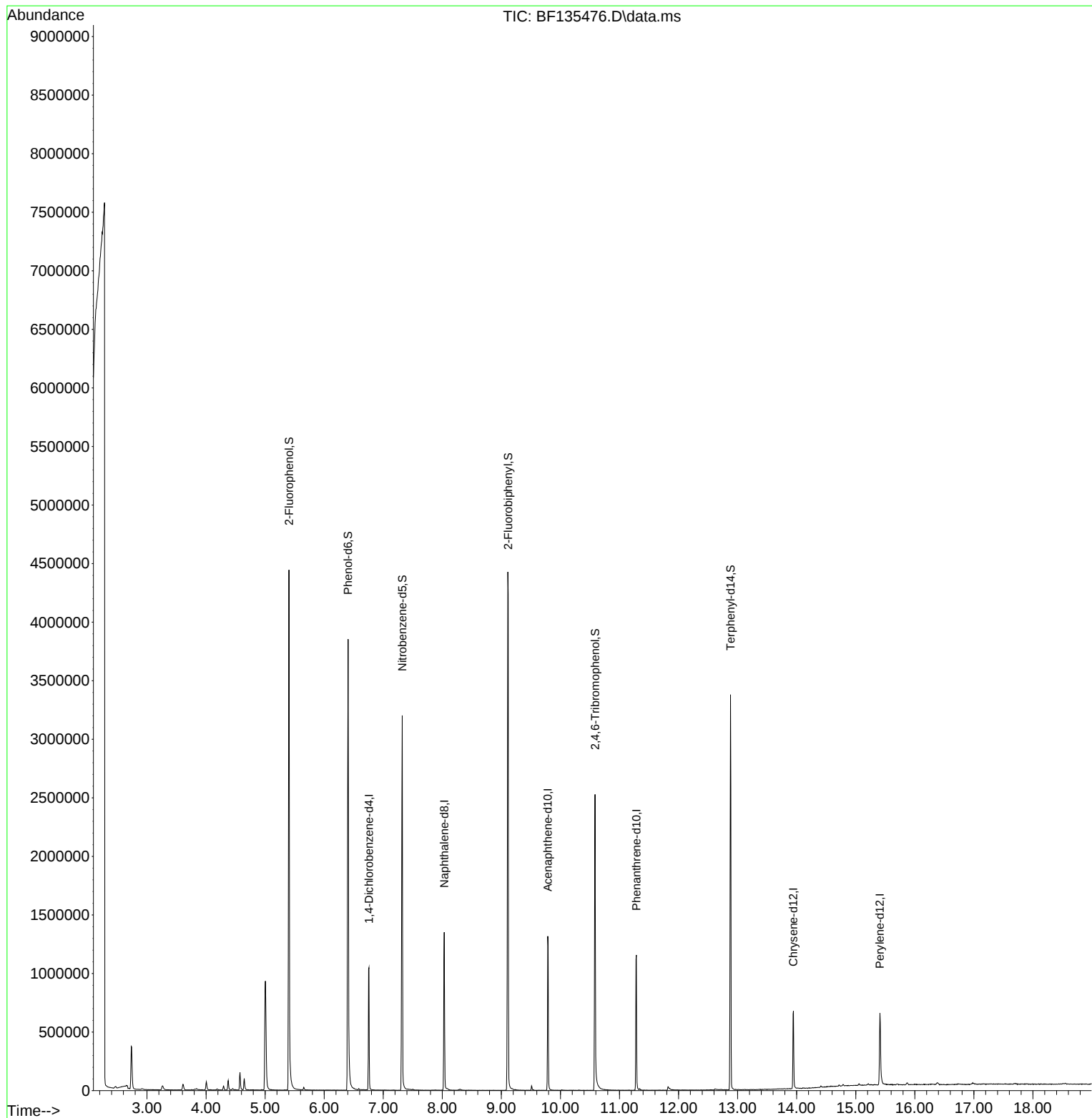
Target Compounds	Qvalue

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

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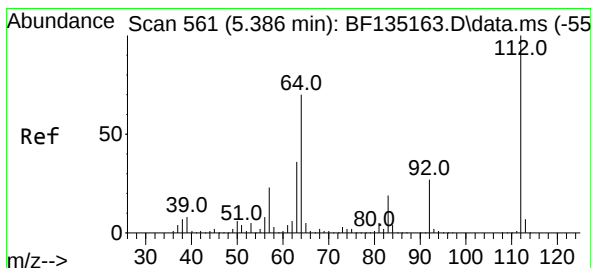
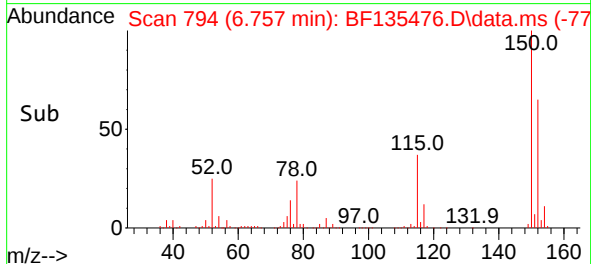
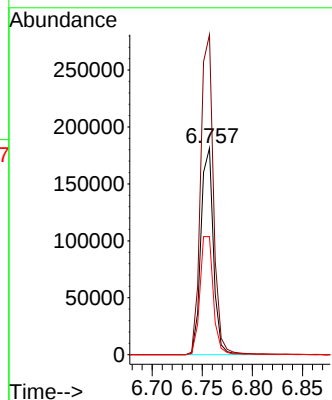
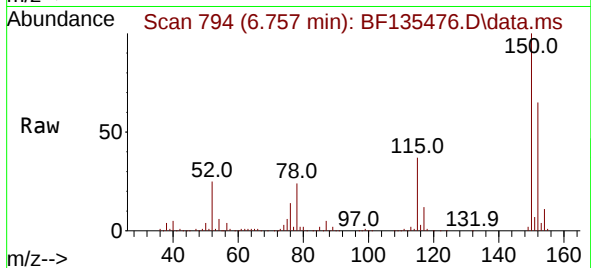




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: BF135476.D
 Acq: 27 Sep 2023 17:03

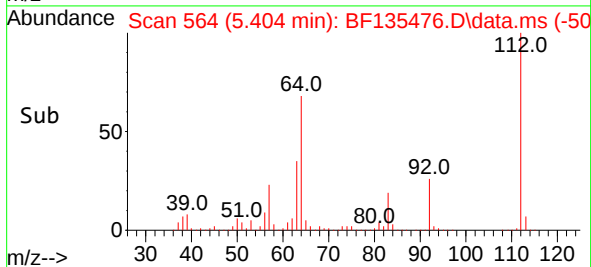
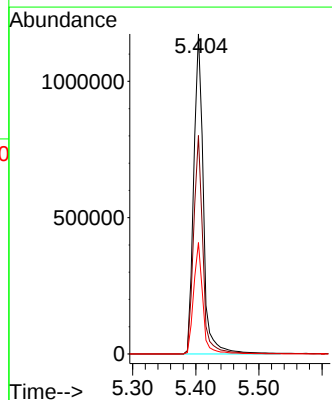
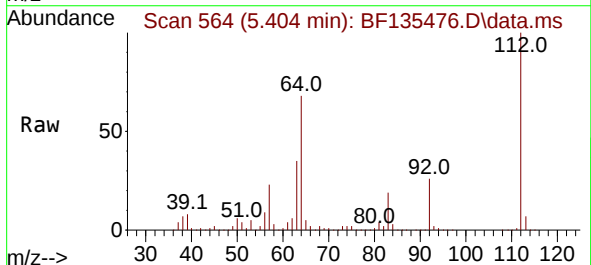
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

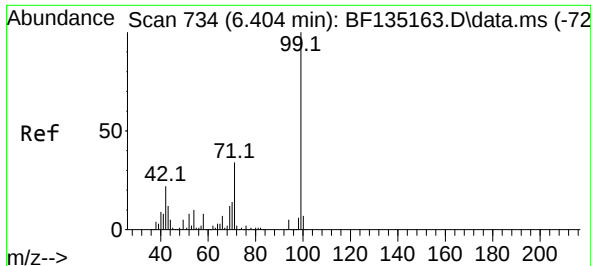
Tgt Ion:152 Resp: 158670
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.8 191.6
 115 57.2 49.8 74.8



#5
 2-Fluorophenol
 Concen: 128.545 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.023 min
 Lab File: BF135476.D
 Acq: 27 Sep 2023 17:03

Tgt Ion:112 Resp: 1254041
 Ion Ratio Lower Upper
 112 100
 64 68.3 55.9 83.9
 63 34.8 29.0 43.6



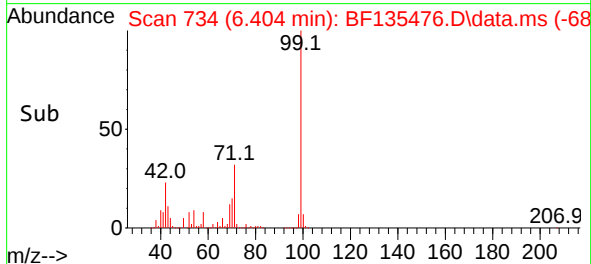
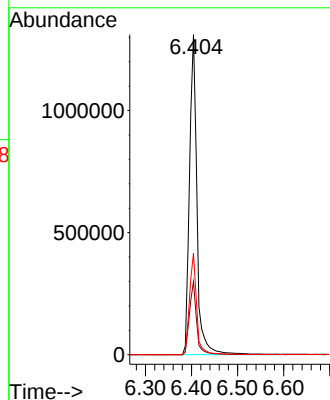
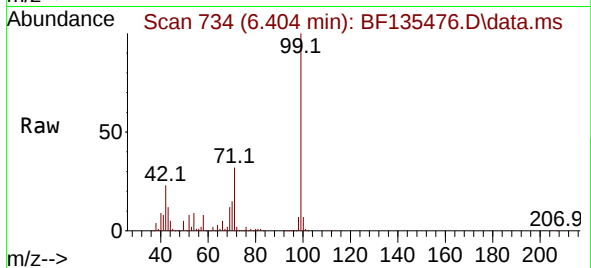


#7
Phenol-d6
Concen: 118.965 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1475744

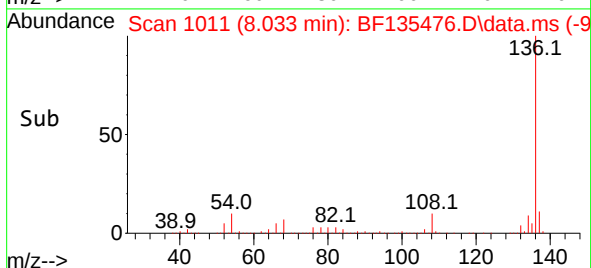
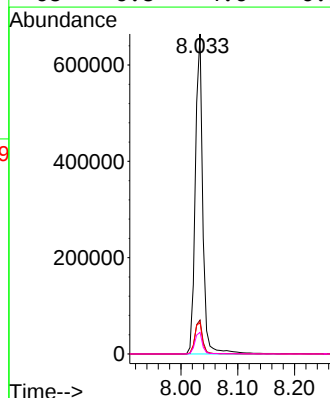
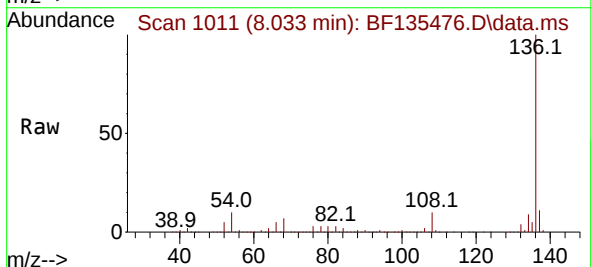
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	31.7	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Tgt Ion: 136 Resp: 608409

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.8	7.7	11.5
68	6.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 95.098 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

TP-2

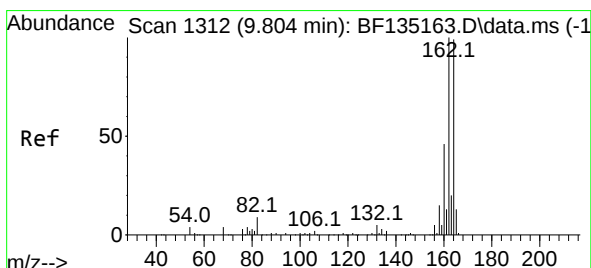
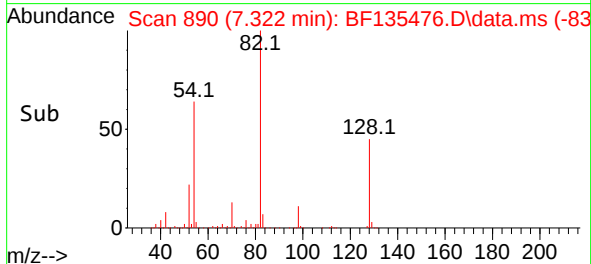
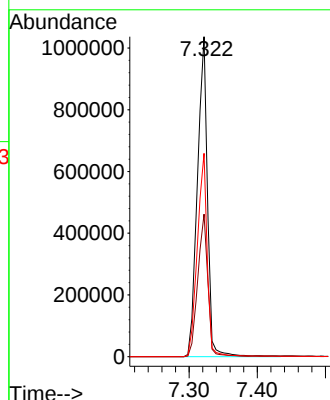
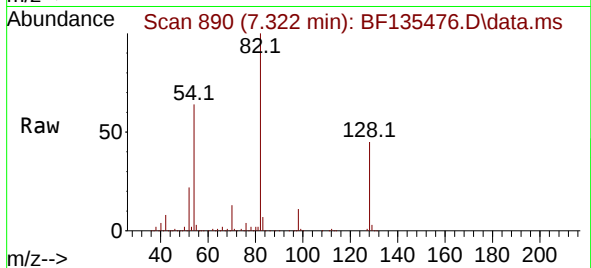
Tgt Ion: 82 Resp: 1064955

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 63.6 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: BF135476.D

Acq: 27 Sep 2023 17:03

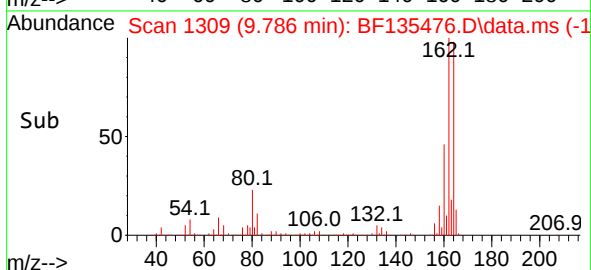
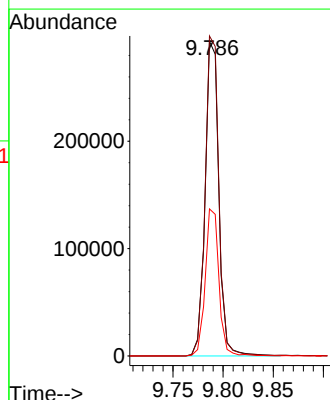
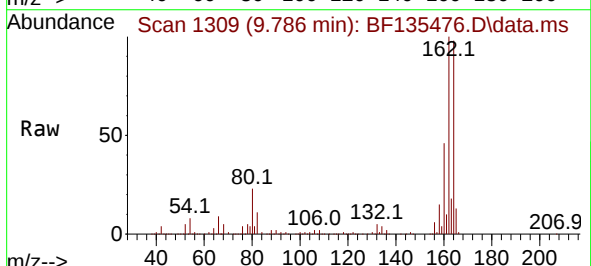
Tgt Ion:164 Resp: 280351

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 114.163 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

TP-2

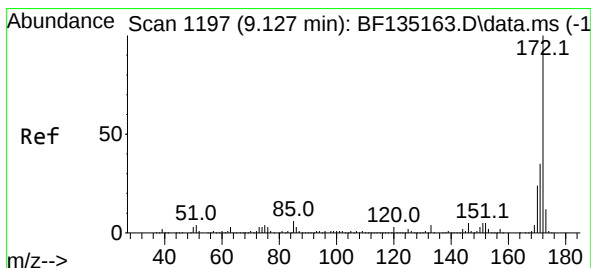
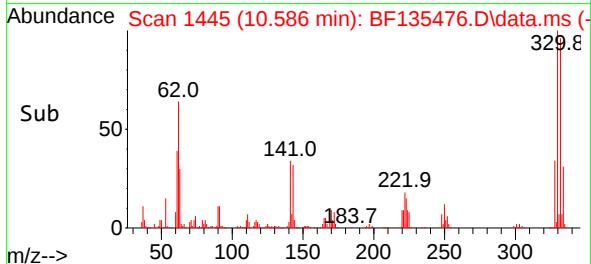
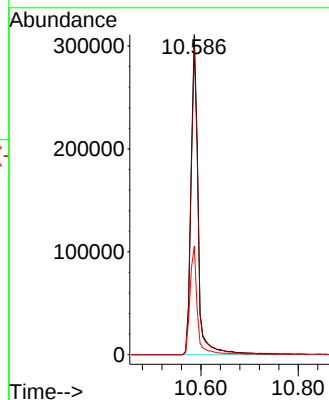
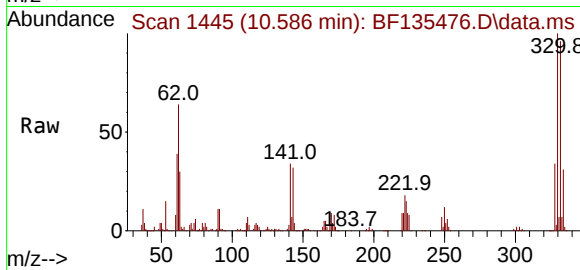
Tgt Ion:330 Resp: 318058

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 34.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.184 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

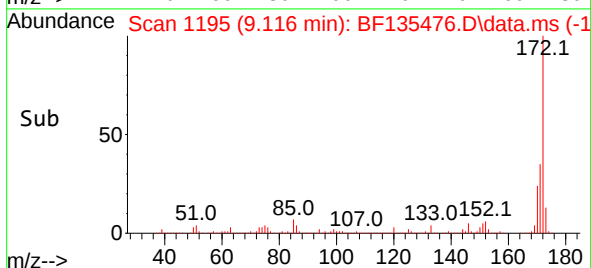
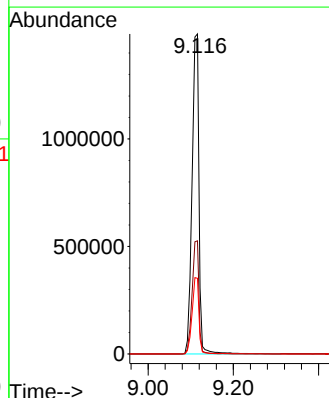
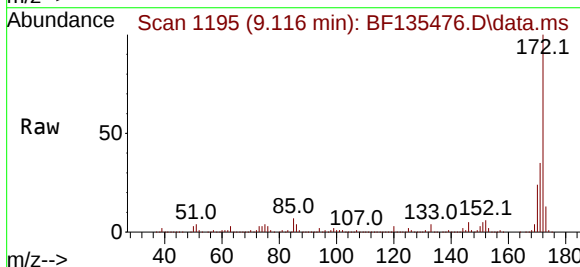
Tgt Ion:172 Resp: 1675795

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

TP-2

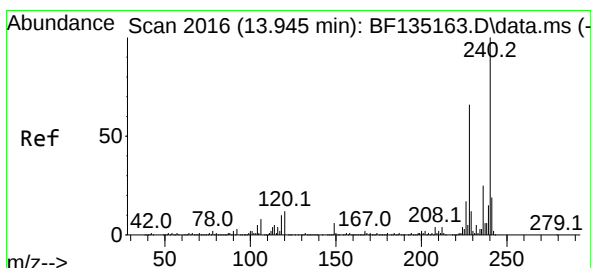
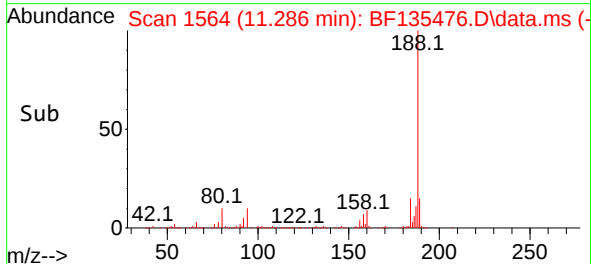
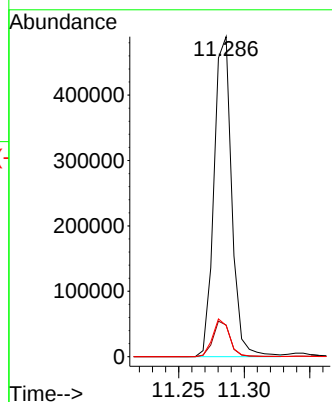
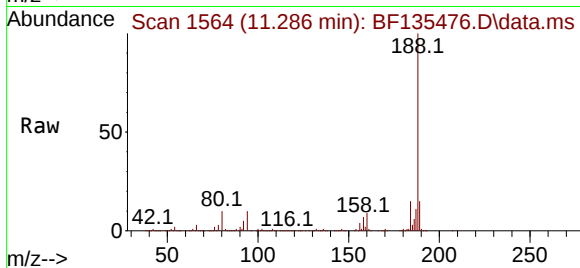
Tgt Ion:188 Resp: 459552

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 9.7 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

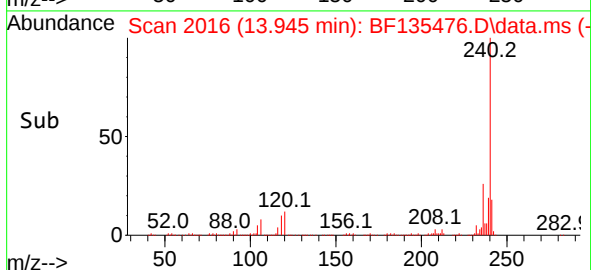
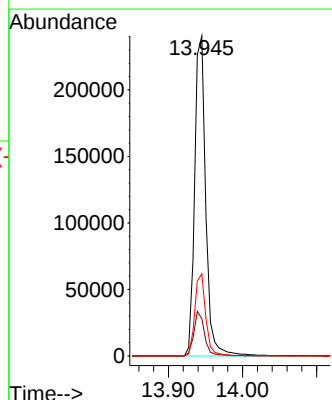
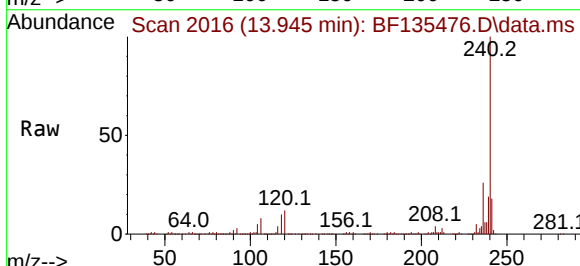
Tgt Ion:240 Resp: 249970

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.6 19.8 29.8

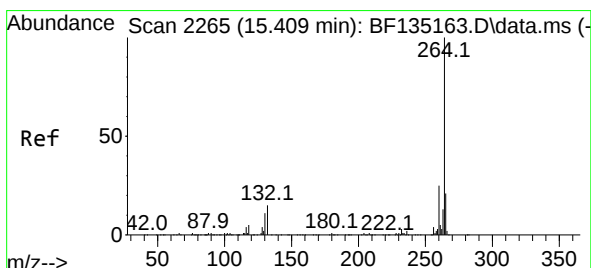
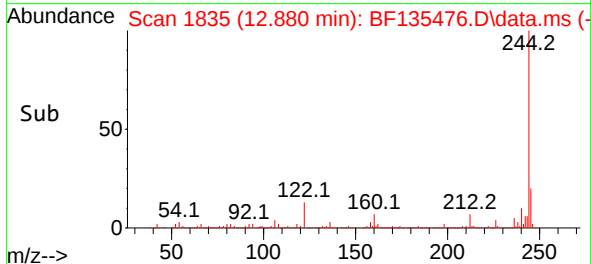
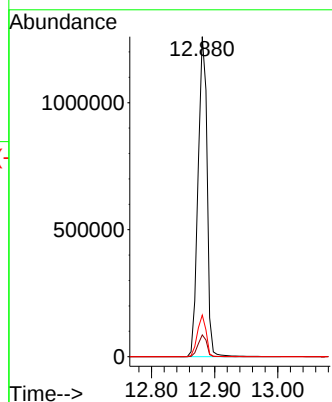
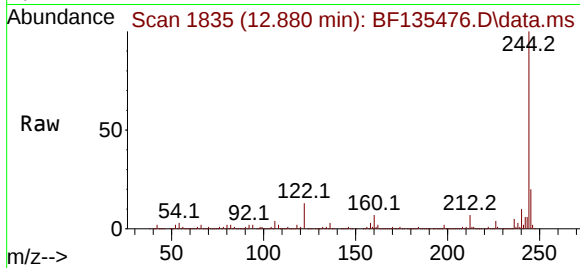




#79
 Terphenyl-d14
 Concen: 77.303 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135476.D
 Acq: 27 Sep 2023 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1246514
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 13.0 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: BF135476.D
 Acq: 27 Sep 2023 17:03

Tgt Ion:264 Resp: 317102
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.2 17.0 25.4

