

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135034.D
 Acq On : 31 Aug 2023 07:07
 Operator : CG\JU
 Sample : 04183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-082523

Quant Time: Aug 31 07:29:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

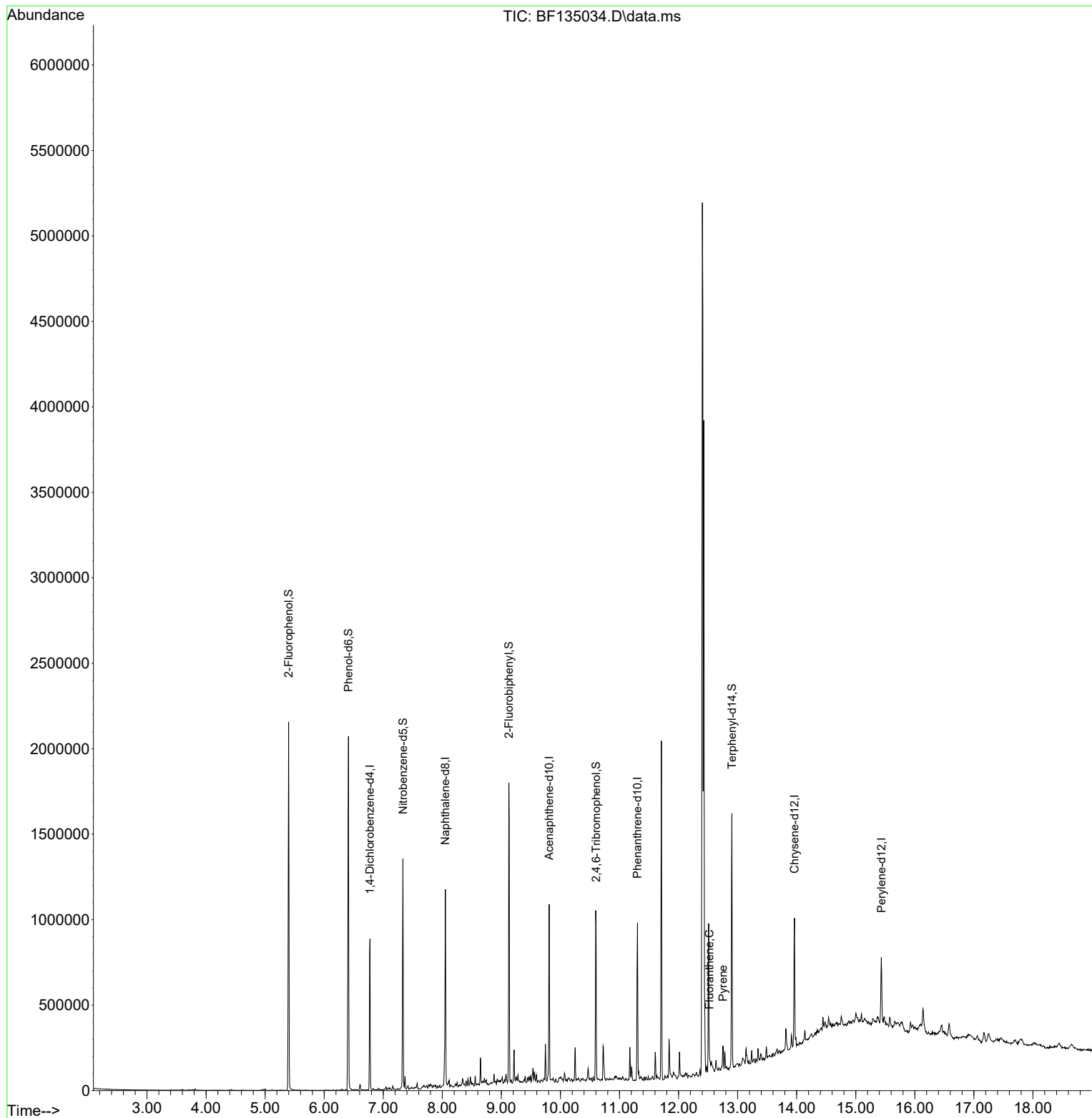
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	125882	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	464690	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	187653	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	318344	20.000	ng	0.00
76) Chrysene-d12	13.962	240	255380	20.000	ng	0.00
86) Perylene-d12	15.433	264	175972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	535717	65.734	ng	0.00
7) Phenol-d6	6.410	99	641132	63.115	ng	0.00
23) Nitrobenzene-d5	7.333	82	366409	44.299	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	115994	58.271	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	529616	45.950	ng	-0.01
79) Terphenyl-d14	12.904	244	495486	31.662	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.521	202	35917	2.163	ng	94
78) Pyrene	12.751	202	49700	2.050	ng	99

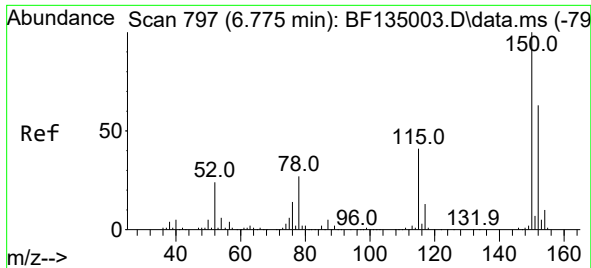
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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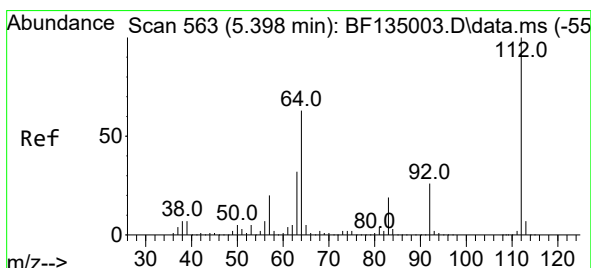
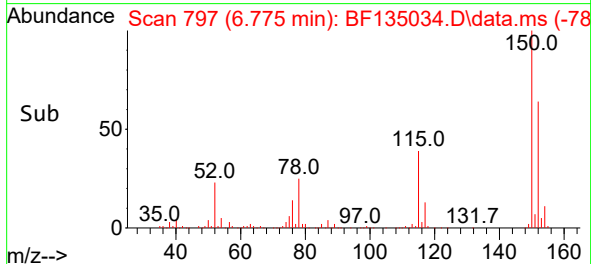
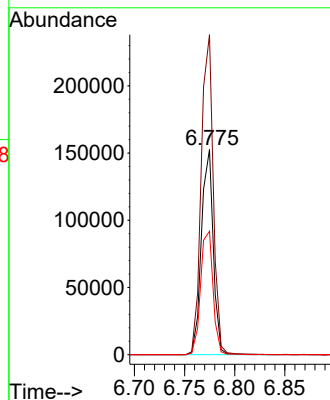
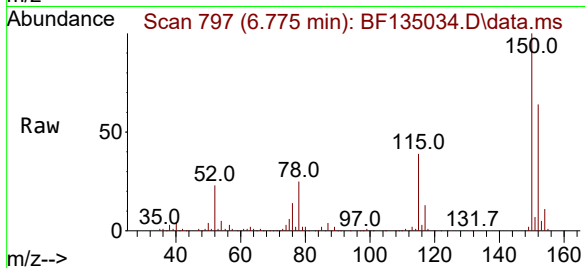




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF135034.D
 Acq: 31 Aug 2023 07:07

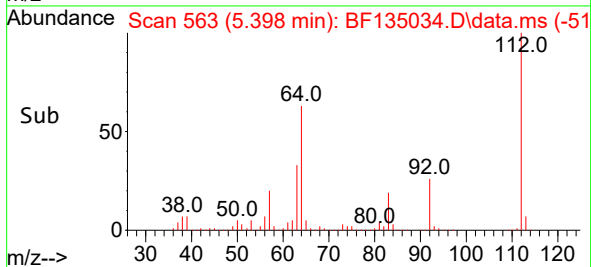
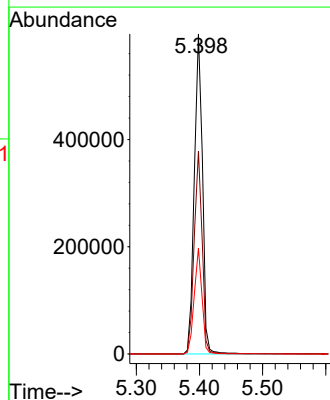
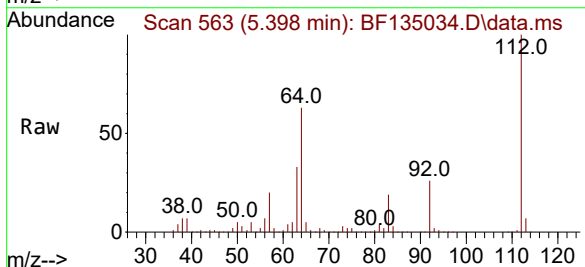
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-082523

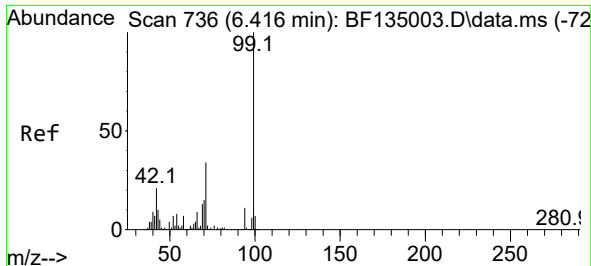
Tgt Ion:152 Resp: 125882
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.4
 115 60.2 51.2 76.8



#5
 2-Fluorophenol
 Concen: 65.734 ng
 RT: 5.398 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: BF135034.D
 Acq: 31 Aug 2023 07:07

Tgt Ion:112 Resp: 535717
 Ion Ratio Lower Upper
 112 100
 64 63.4 50.5 75.7
 63 33.1 25.9 38.9





#7

Phenol-d6

Concen: 63.115 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

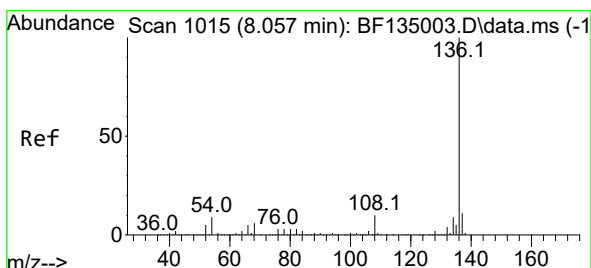
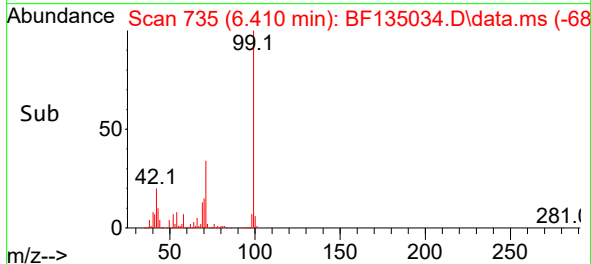
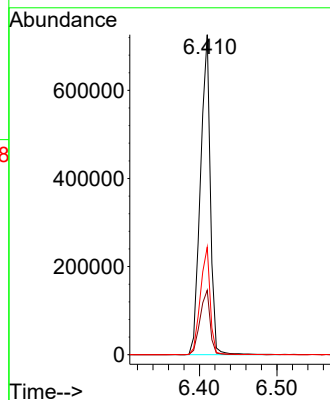
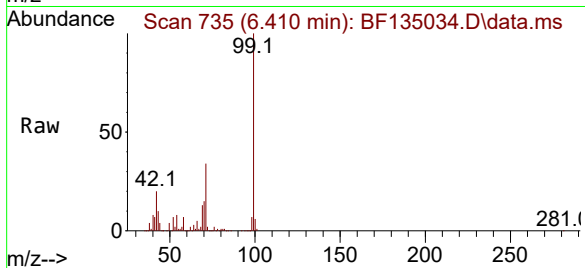
Tgt Ion: 99 Resp: 641132

Ion Ratio Lower Upper

99 100

42 20.1 16.6 25.0

71 33.6 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Tgt Ion: 136 Resp: 464690

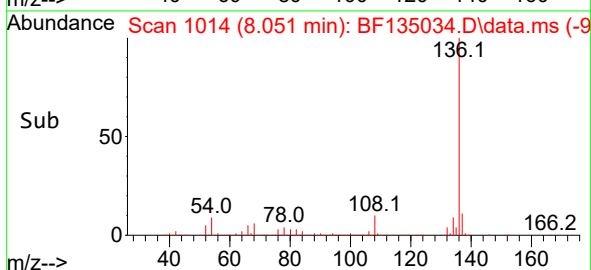
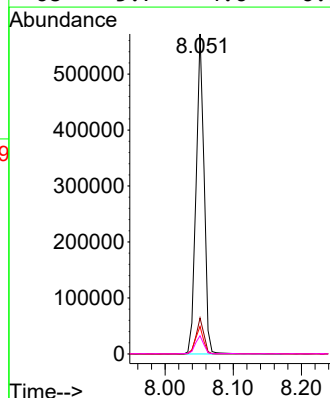
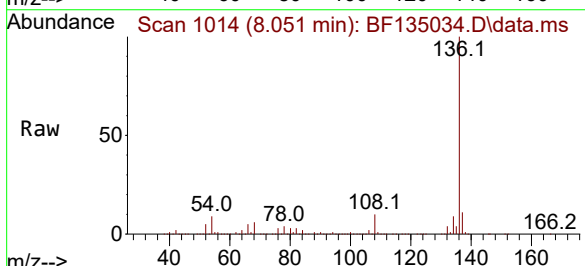
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.6 7.0 10.4

68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 44.299 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

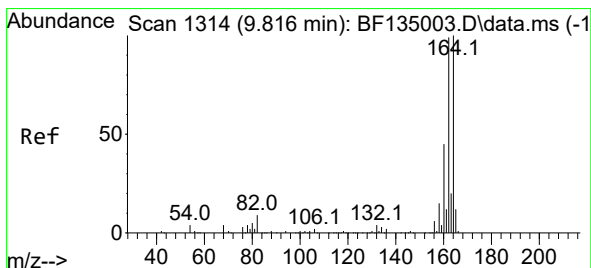
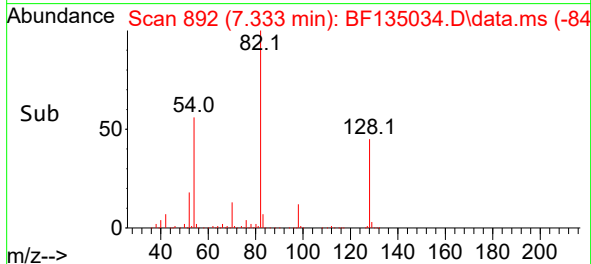
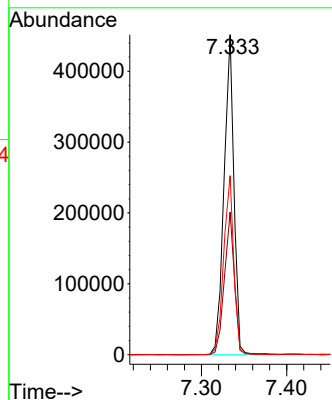
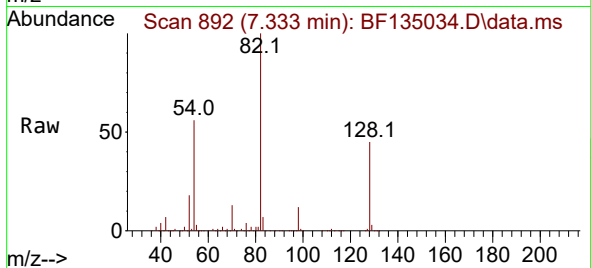
Tgt Ion: 82 Resp: 366409

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

54 55.9 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

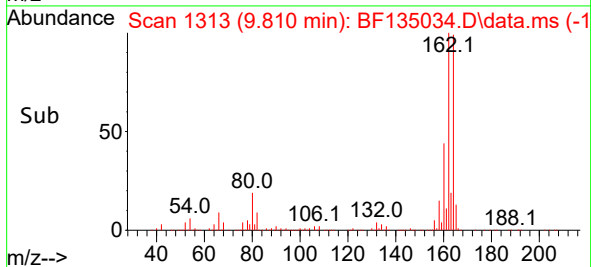
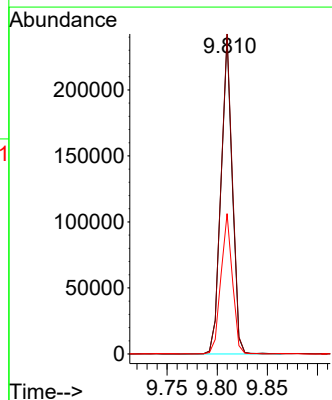
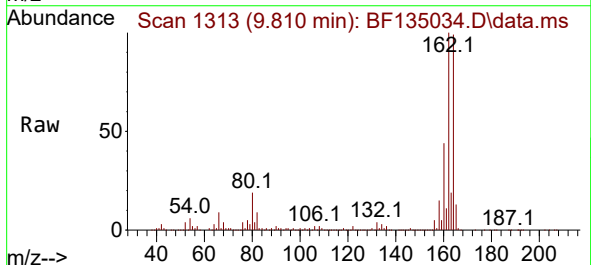
Tgt Ion: 164 Resp: 187653

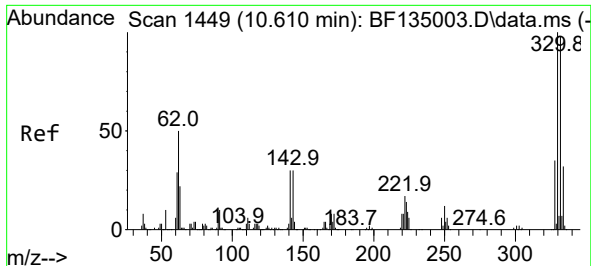
Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 44.3 36.0 54.0

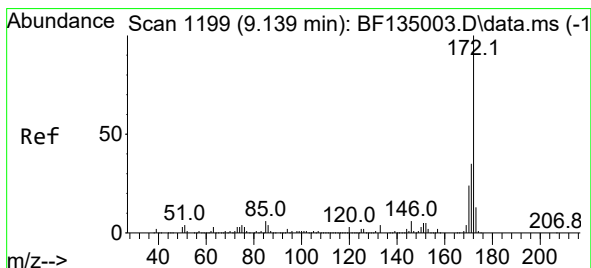
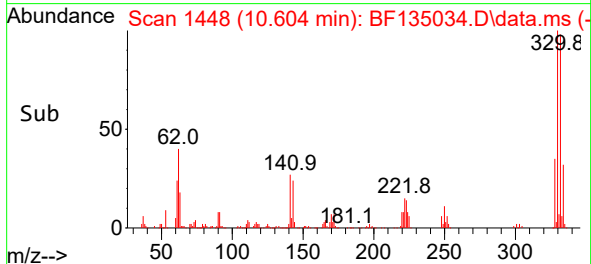
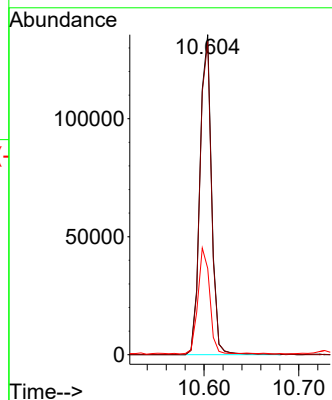
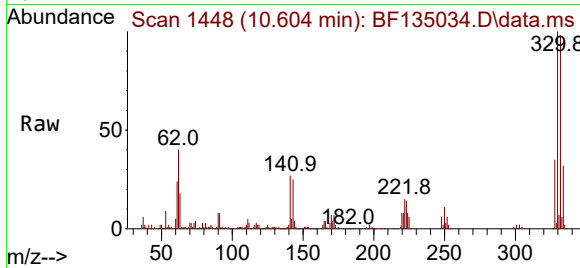




#42
2,4,6-Tribromophenol
Concen: 58.271 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

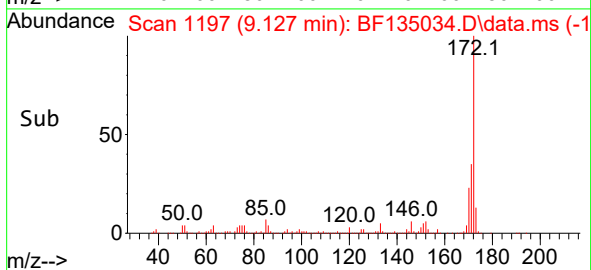
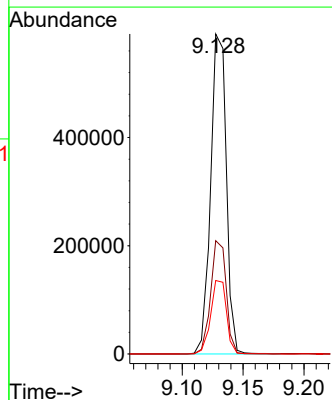
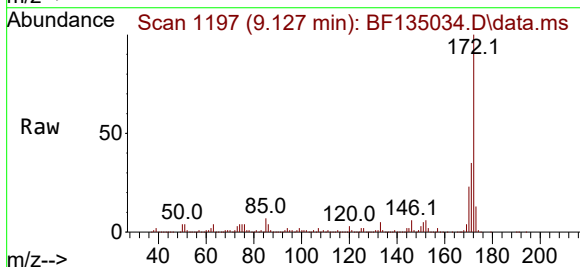
Instrument :
BNA_F
ClientSampleId :
HR-03-082523

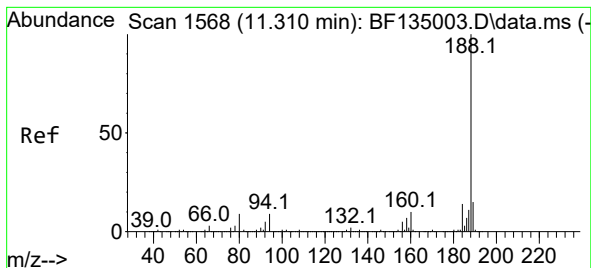
Tgt Ion:330 Resp: 115994
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 33.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 45.950 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion:172 Resp: 529616
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

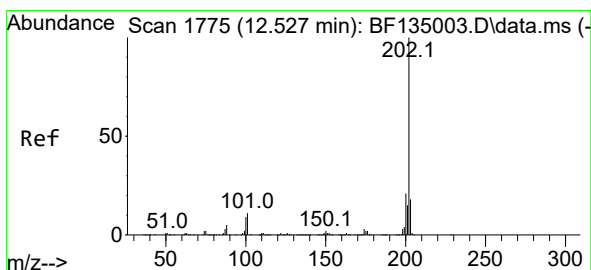
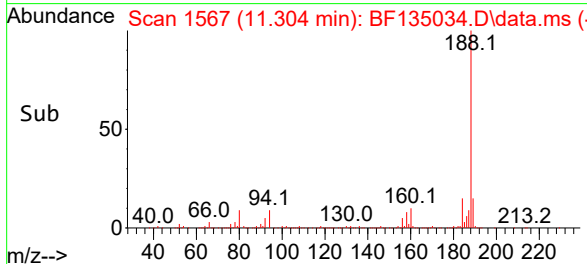
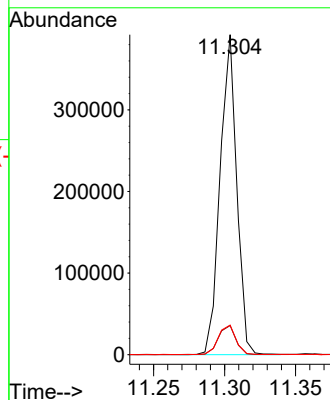
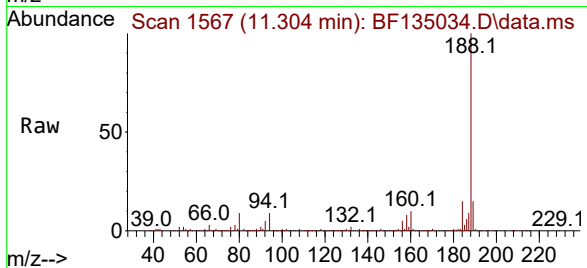
Tgt Ion:188 Resp: 318344

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.3 7.4 11.2



#75

Fluoranthene

Concen: 2.163 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

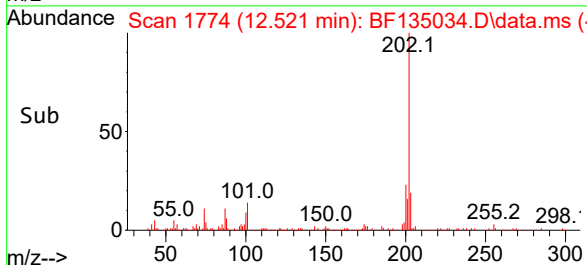
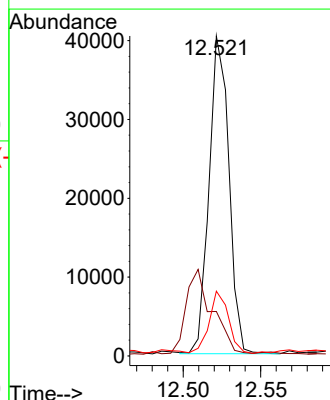
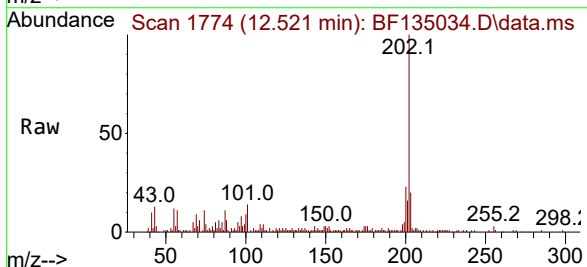
Tgt Ion:202 Resp: 35917

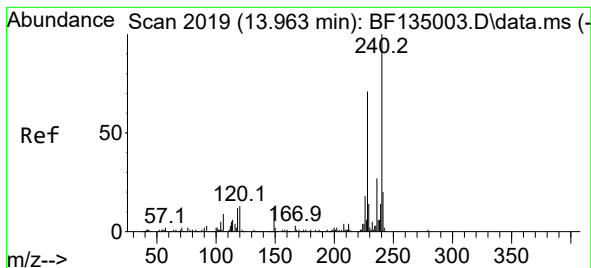
Ion Ratio Lower Upper

202 100

101 13.9 0.0 31.5

203 20.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

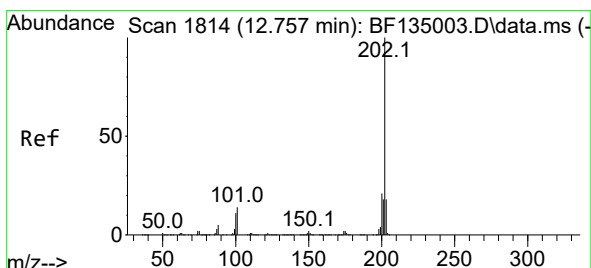
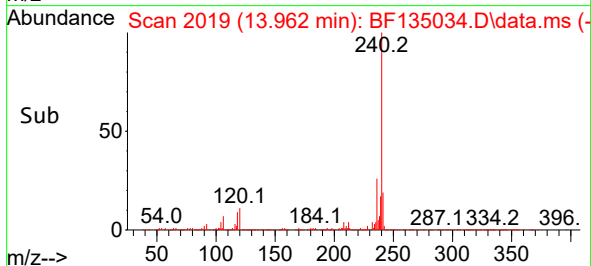
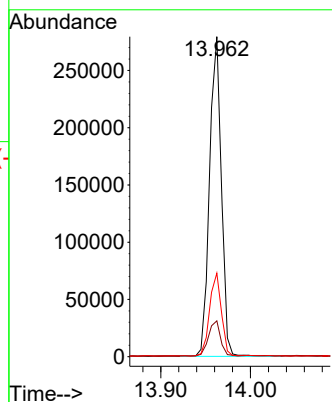
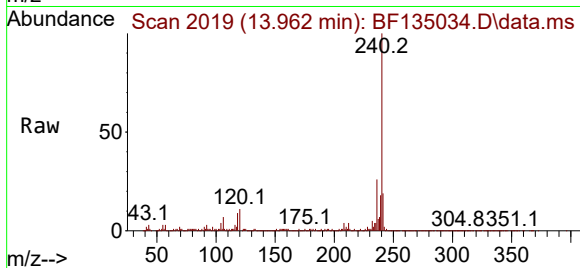
Tgt Ion:240 Resp: 255380

Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.2

236 26.1 21.3 31.9



#78

Pyrene

Concen: 2.050 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

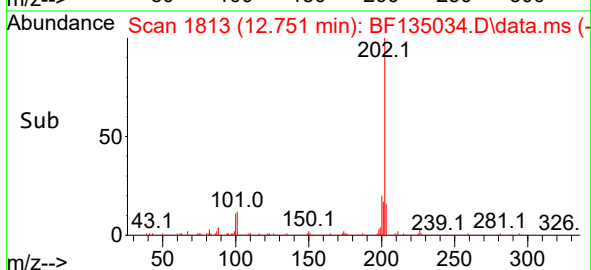
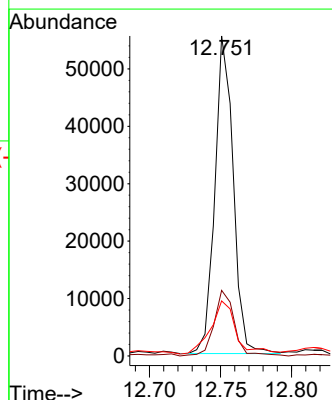
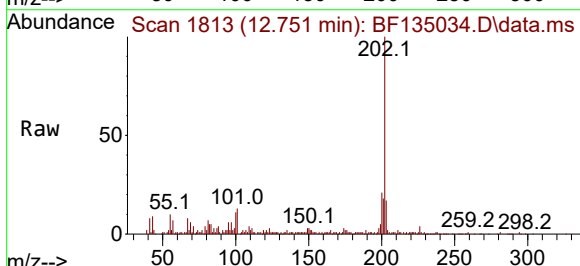
Tgt Ion:202 Resp: 49700

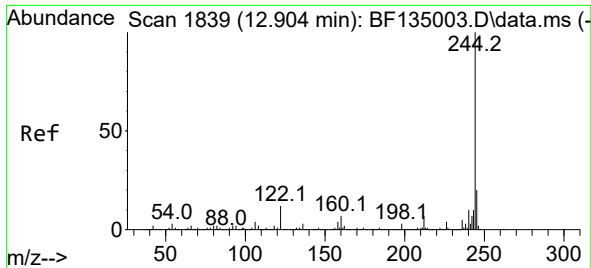
Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.6

203 17.2 14.2 21.2

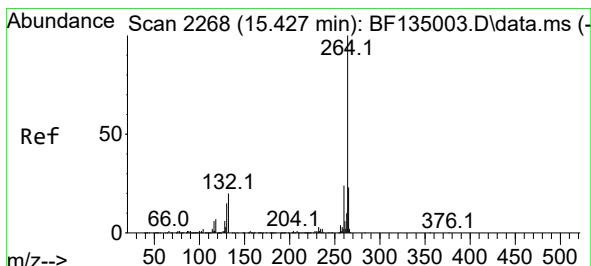
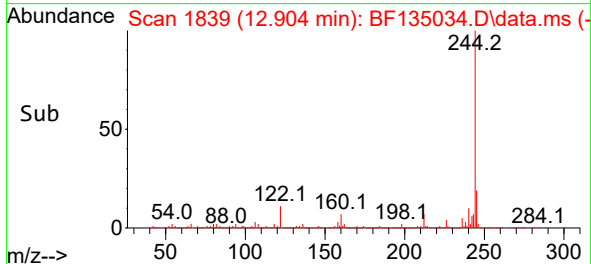
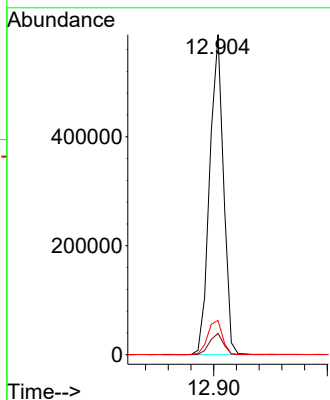
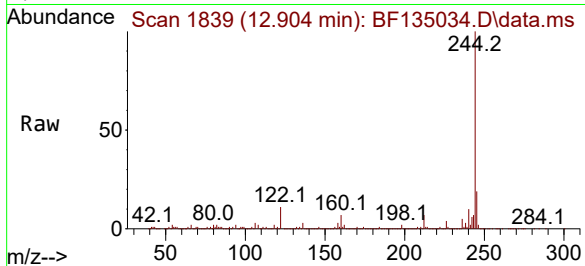




#79
 Terphenyl-d14
 Concen: 31.662 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135034.D
 Acq: 31 Aug 2023 07:07

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-082523

Tgt Ion:244 Resp: 495486
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.7 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. 0.006 min
 Lab File: BF135034.D
 Acq: 31 Aug 2023 07:07

Tgt Ion:264 Resp: 175972
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.3 18.2 27.2

