

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135037.D
 Acq On : 31 Aug 2023 12:45
 Operator : CG\JU
 Sample : PB155191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BL

Quant Time: Aug 31 16:10:41 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	132863	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	542413	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	287132	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	552740	20.000	ng	0.00
76) Chrysene-d12	13.963	240	414852	20.000	ng	0.00
86) Perylene-d12	15.433	264	377843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1104770	128.437	ng	0.01
7) Phenol-d6	6.416	99	1346977	125.634	ng	0.00
23) Nitrobenzene-d5	7.340	82	860849	89.163	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	397944	130.650	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1515439	85.929	ng	0.00
79) Terphenyl-d14	12.910	244	1811446	71.257	ng	0.00

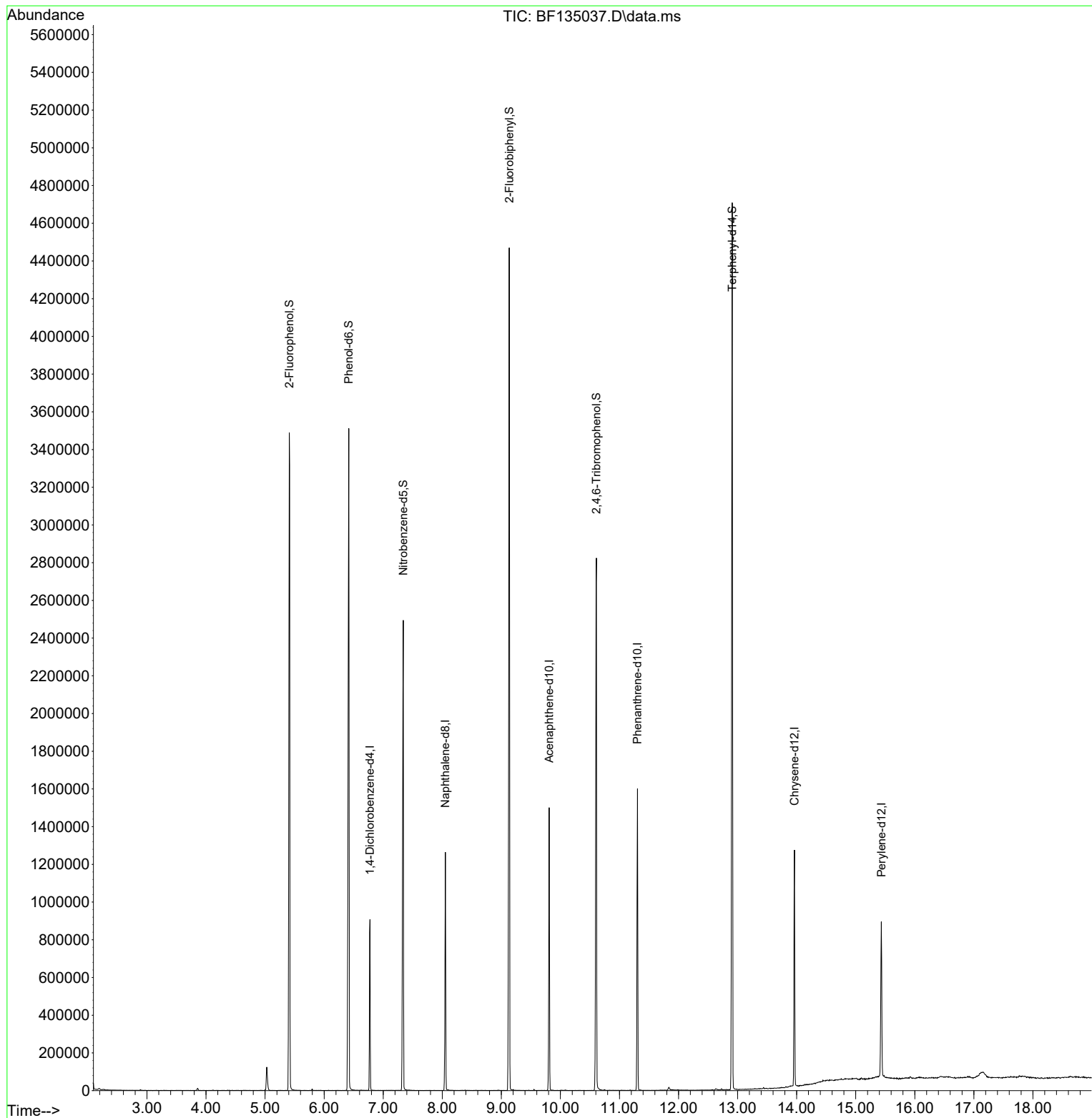
Target Compounds	Qvalue

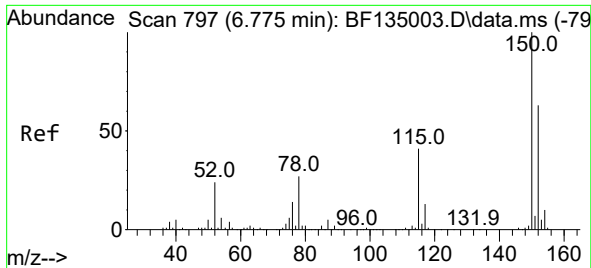
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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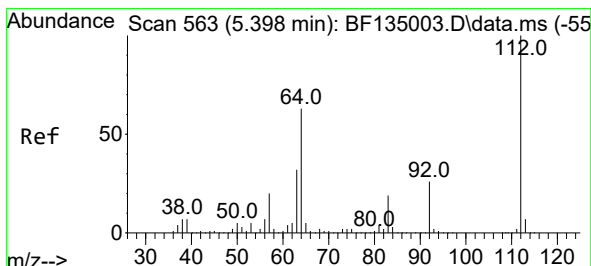
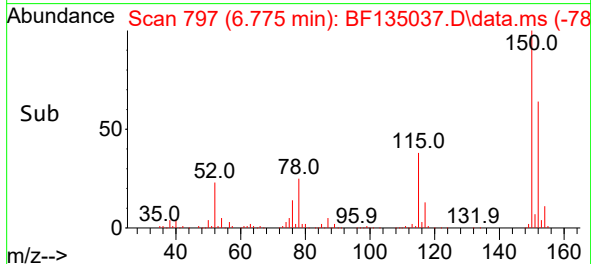
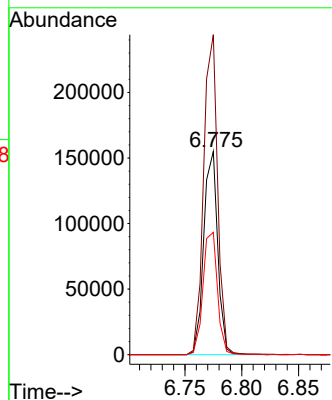
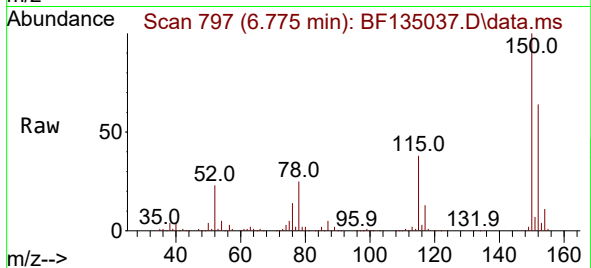




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

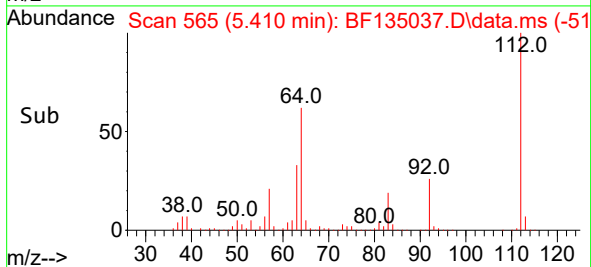
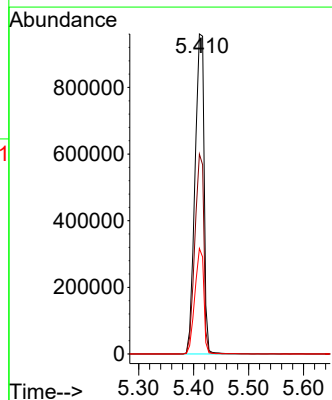
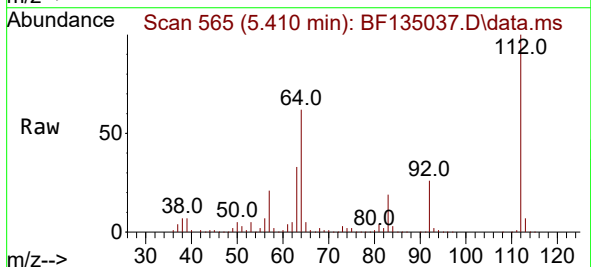
Instrument :
BNA_F
ClientSampleId :
PB155191BL

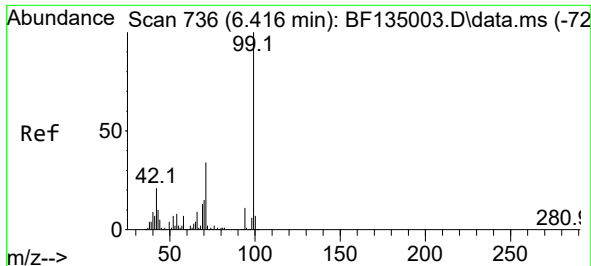
Tgt Ion:152 Resp: 132863
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 60.2 51.2 76.8



#5
2-Fluorophenol
Concen: 128.437 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion:112 Resp: 1104770
Ion Ratio Lower Upper
112 100
64 62.5 50.5 75.7
63 33.0 25.9 38.9





#7
Phenol-d6
Concen: 125.634 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Instrument :

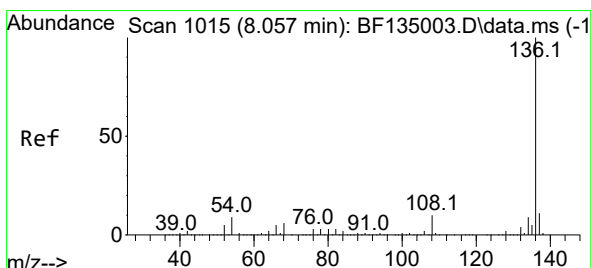
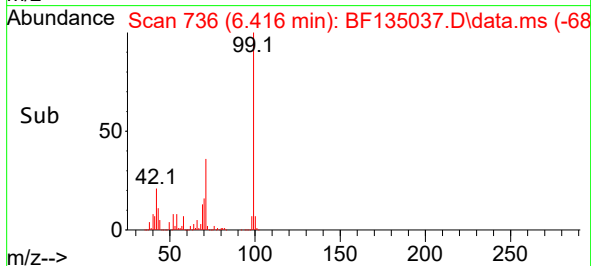
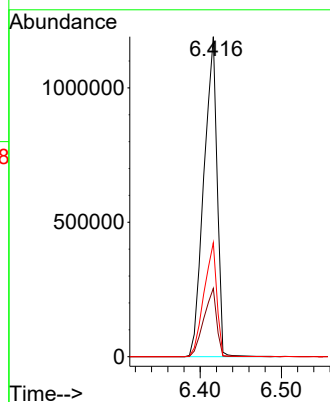
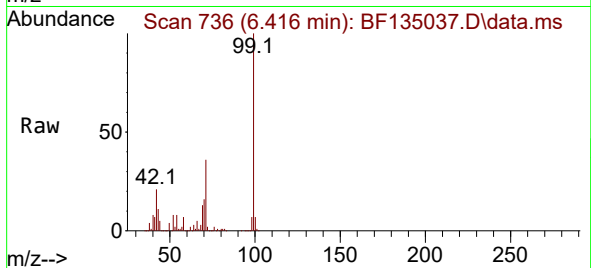
BNA_F

ClientSampleId :

PB155191BL

Tgt Ion: 99 Resp: 1346977

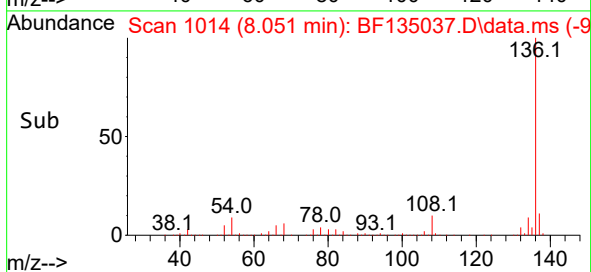
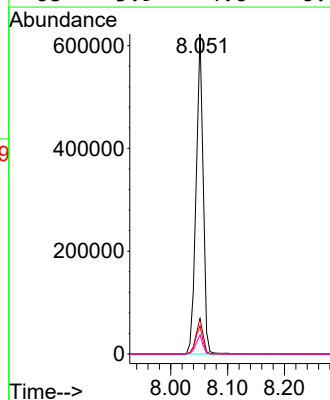
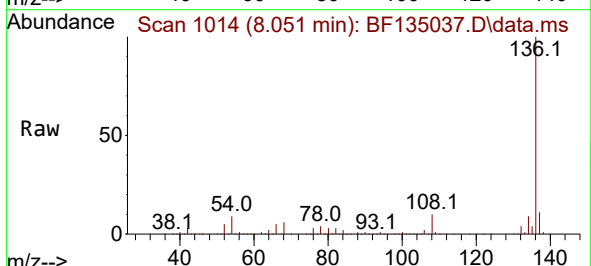
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	25.0
71	35.6	27.0	40.6

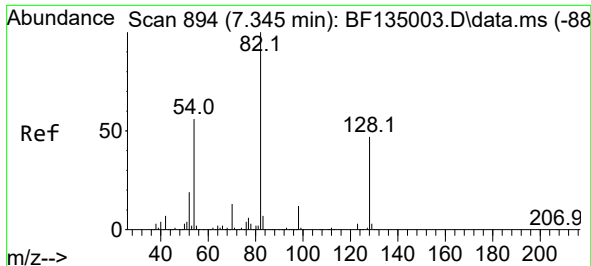


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion: 136 Resp: 542413

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.0	10.4
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 89.163 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135037.D

Acq: 31 Aug 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB155191BL

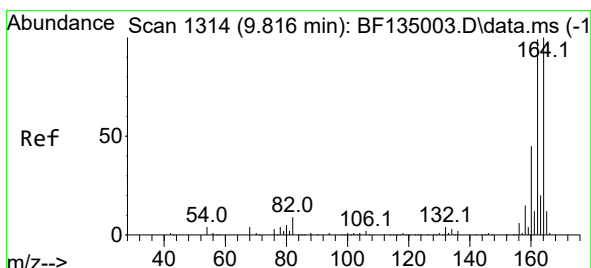
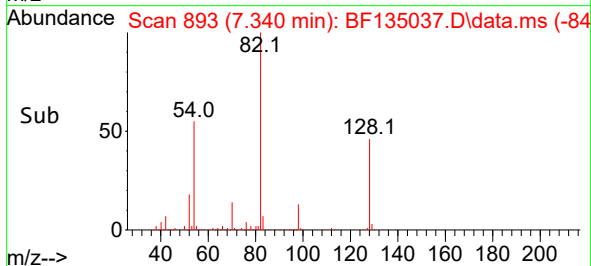
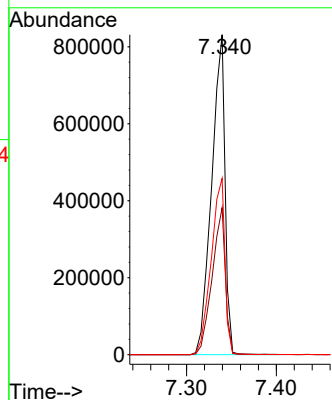
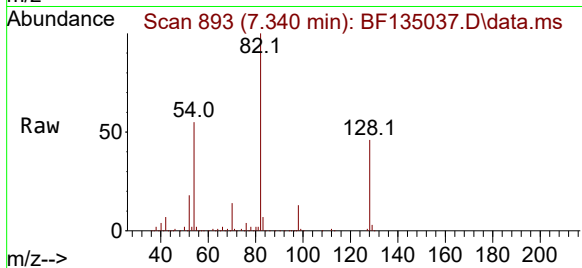
Tgt Ion: 82 Resp: 860849

Ion Ratio Lower Upper

82 100

128 46.0 37.8 56.8

54 55.1 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: BF135037.D

Acq: 31 Aug 2023 12:45

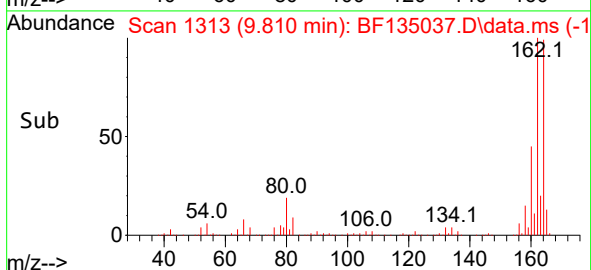
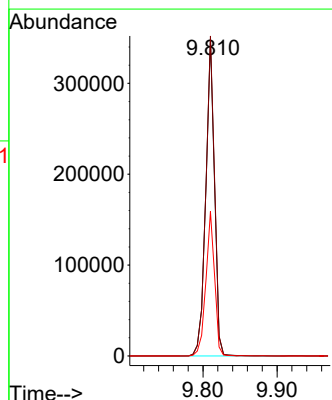
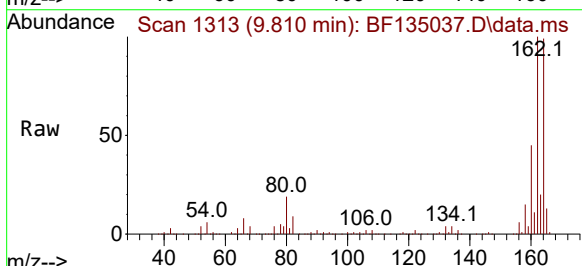
Tgt Ion:164 Resp: 287132

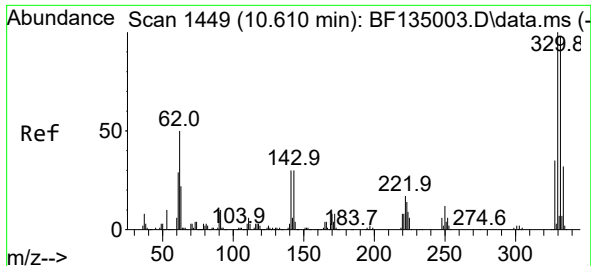
Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

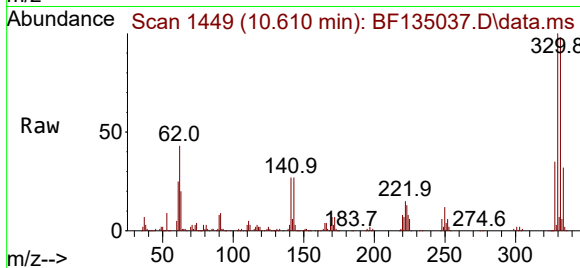
160 45.6 36.0 54.0



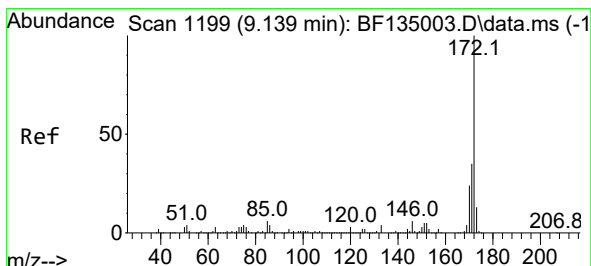
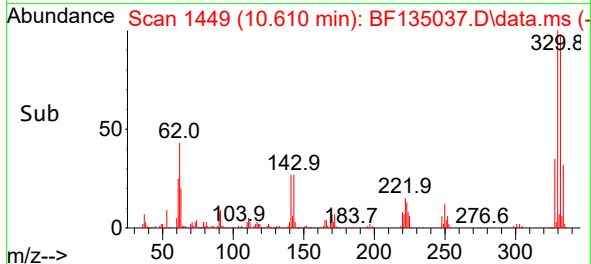
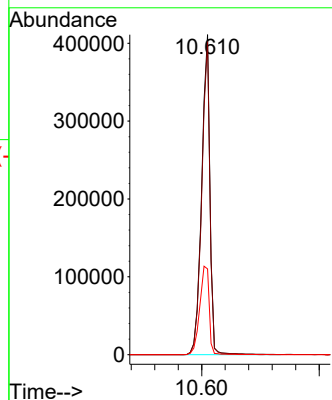


#42
2,4,6-Tribromophenol
Concen: 130.650 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB155191BL

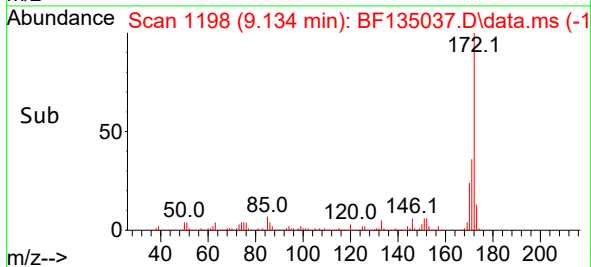
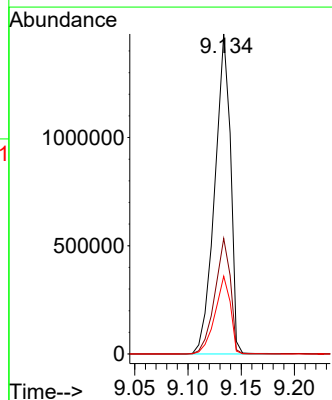
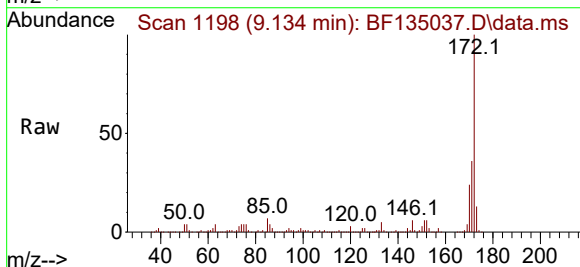


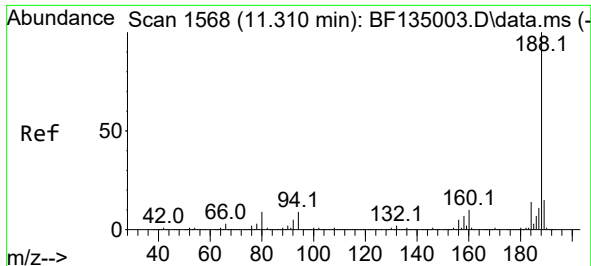
Tgt Ion:330 Resp: 397944
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 31.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.929 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion:172 Resp: 1515439
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.3 19.0 28.4

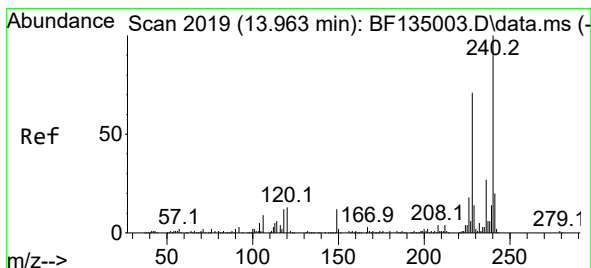
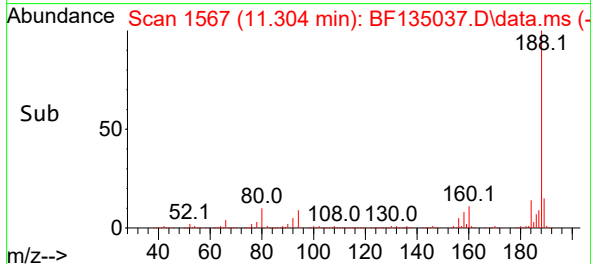
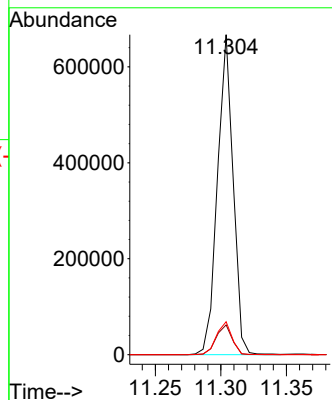
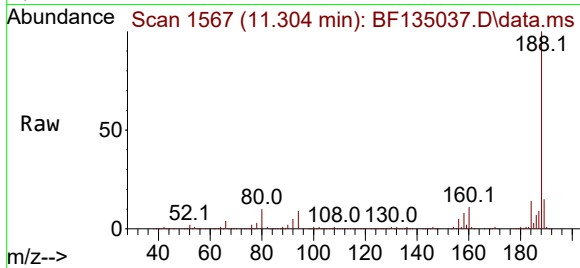




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

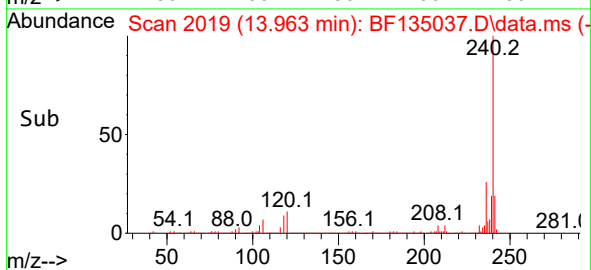
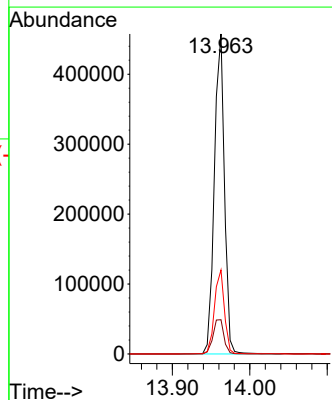
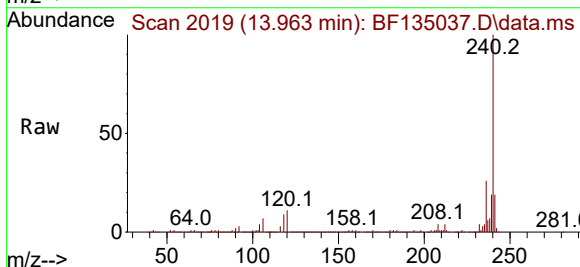
Instrument :
BNA_F
ClientSampleId :
PB155191BL

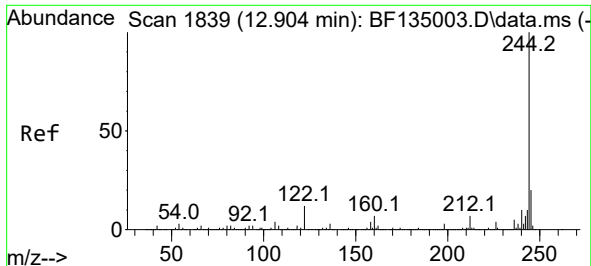
Tgt Ion:188 Resp: 552740
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

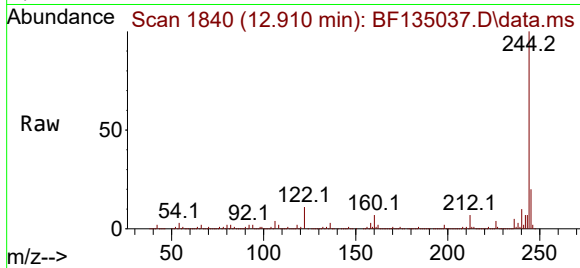
Tgt Ion:240 Resp: 414852
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.2
236 26.2 21.3 31.9



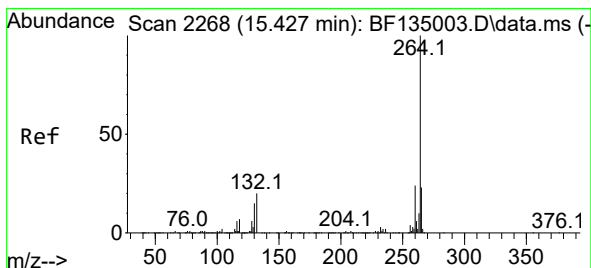
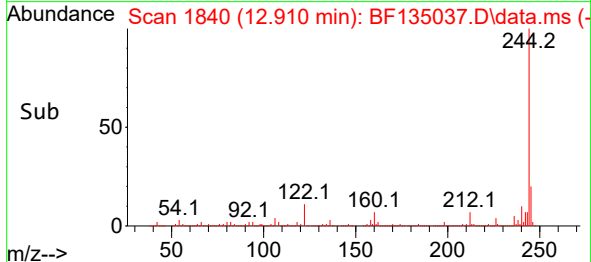
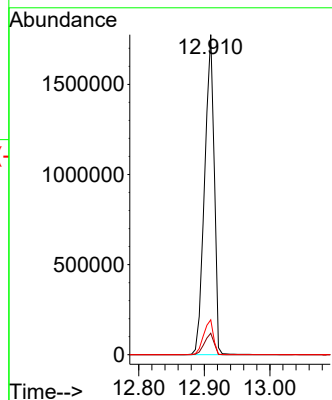


#79
 Terphenyl-d14
 Concen: 71.257 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF135037.D
 Acq: 31 Aug 2023 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BL



Tgt Ion:244 Resp: 1811446
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.9 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: BF135037.D
 Acq: 31 Aug 2023 12:45

Tgt Ion:264 Resp: 377843
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.2 18.2 27.2

