

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135055.D
 Acq On : 31 Aug 2023 22:34
 Operator : CG\JU
 Sample : 04197-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-21

Quant Time: Sep 01 01:53:24 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	6.769	152	118313	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482247	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	253742	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	440593	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	205321	20.000	ng	-0.01
86) Perylene-d12	15.421	264	226798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1016380	132.692	ng	0.02
7) Phenol-d6	6.416	99	1171987	122.756	ng	0.00
23) Nitrobenzene-d5	7.340	82	874197	101.842	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	370940	137.810	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1505834	96.620	ng	0.00
79) Terphenyl-d14	12.904	244	1399272	111.215	ng	0.00

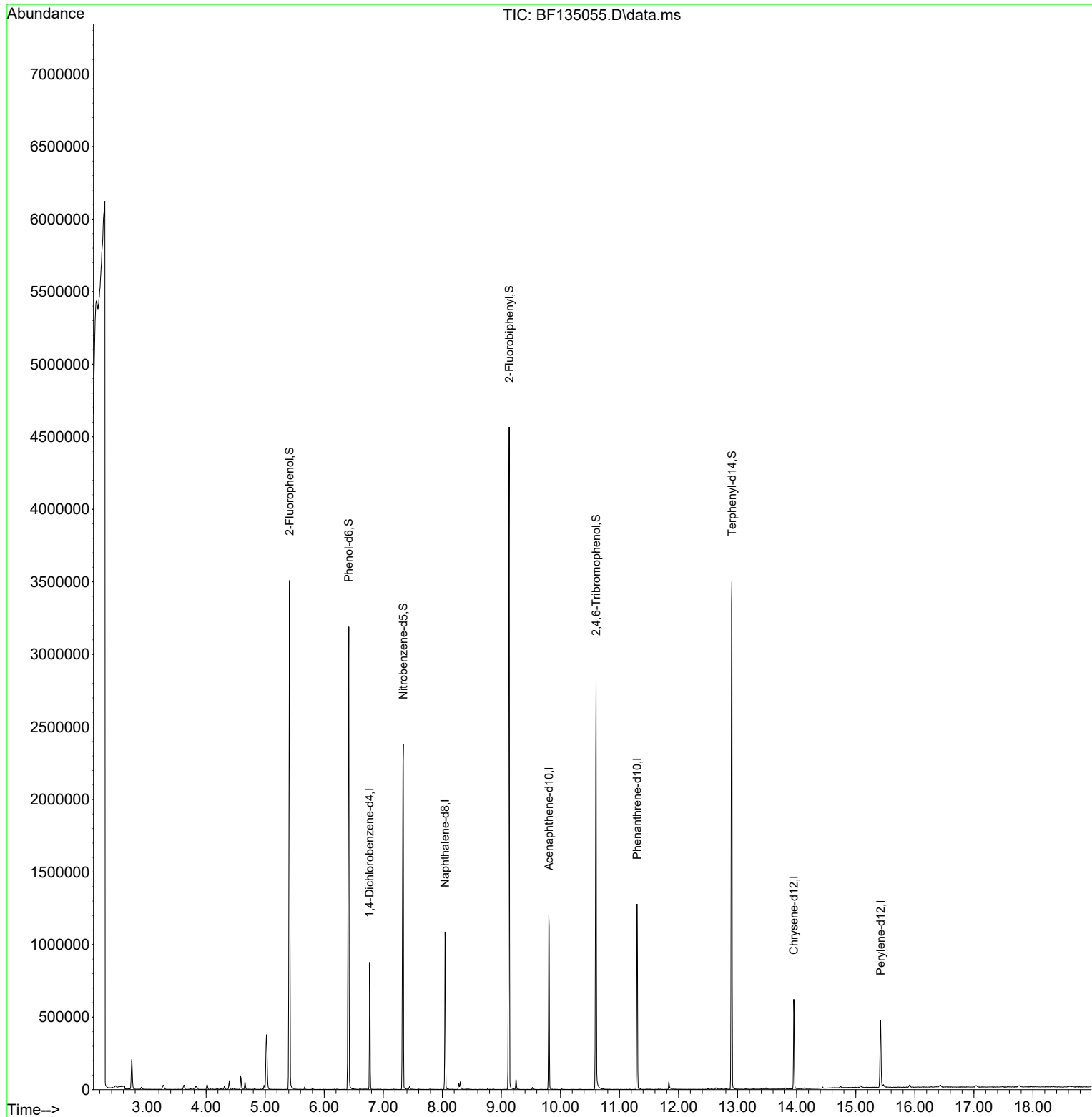
Target Compounds	Qvalue

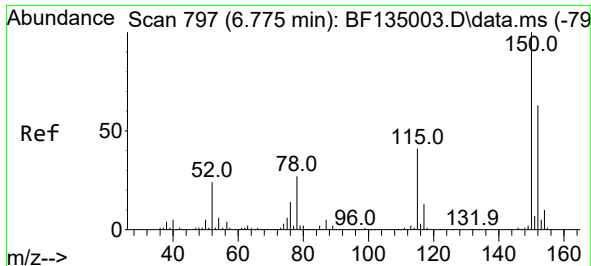
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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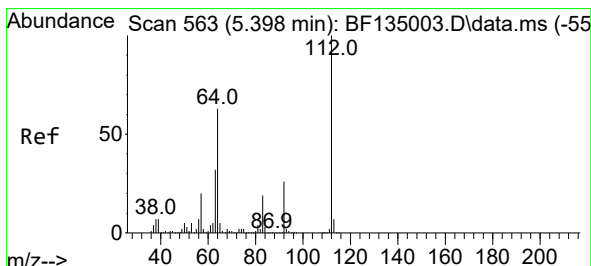
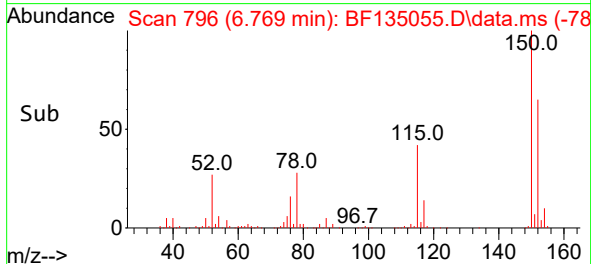
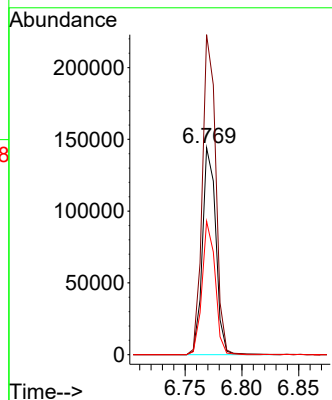
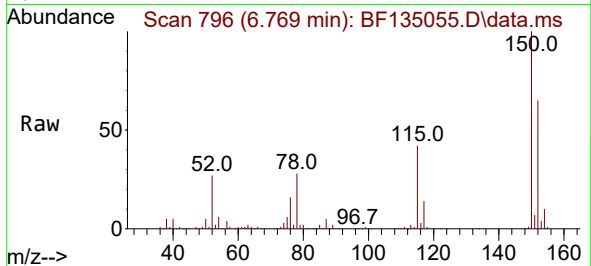




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

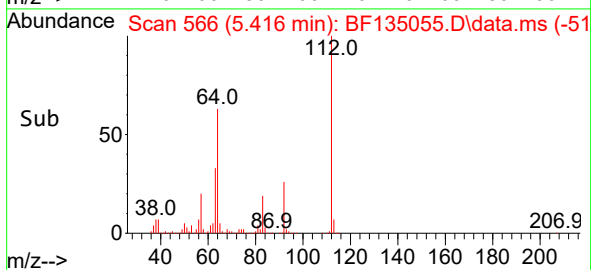
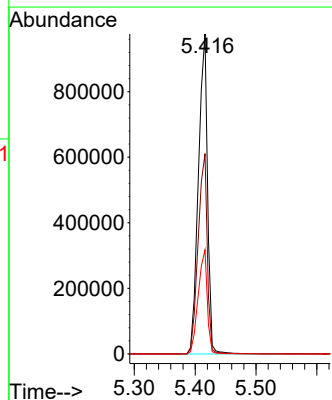
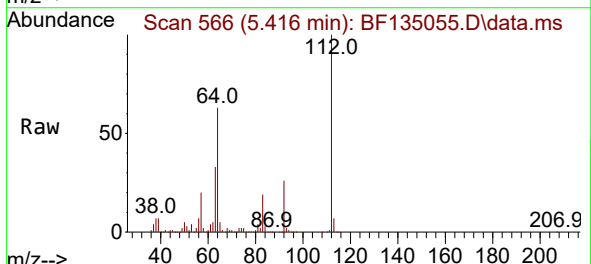
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

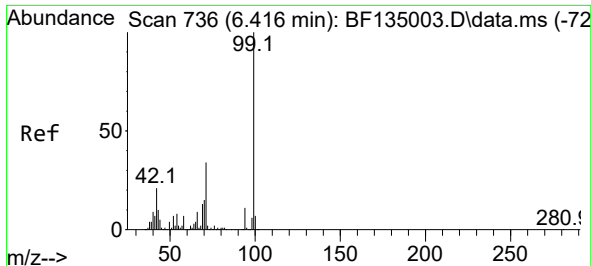
Tgt Ion:152 Resp: 118313
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.4
115 64.5 51.2 76.8



#5
2-Fluorophenol
Concen: 132.692 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

Tgt Ion:112 Resp: 1016380
Ion Ratio Lower Upper
112 100
64 62.6 50.5 75.7
63 32.5 25.9 38.9

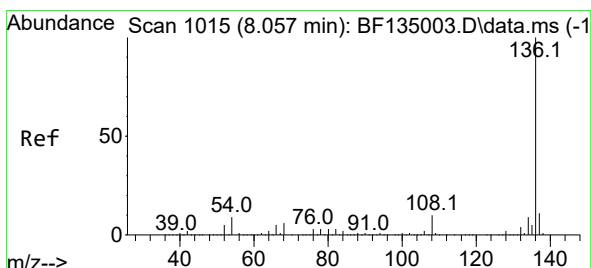
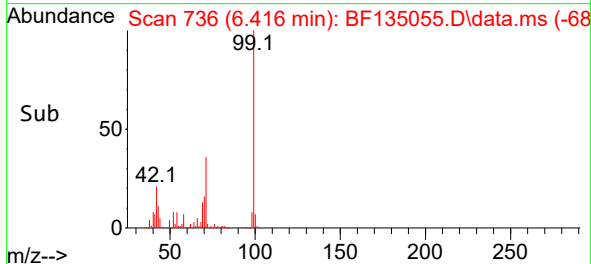
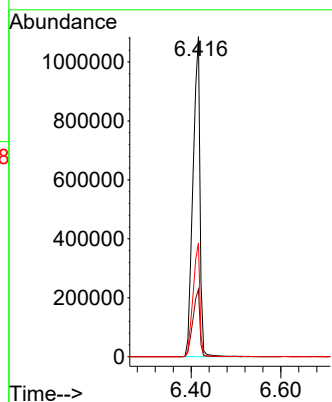
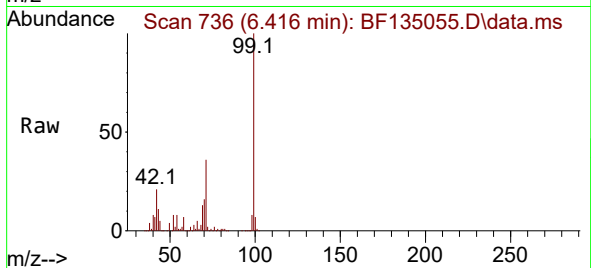




#7
Phenol-d6
Concen: 122.756 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

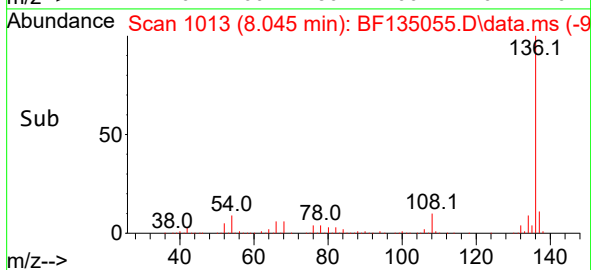
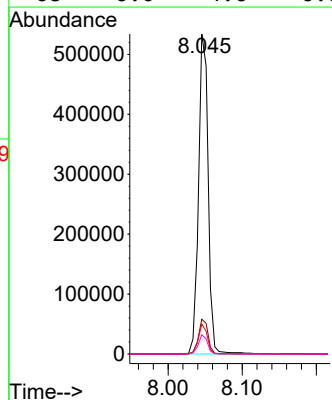
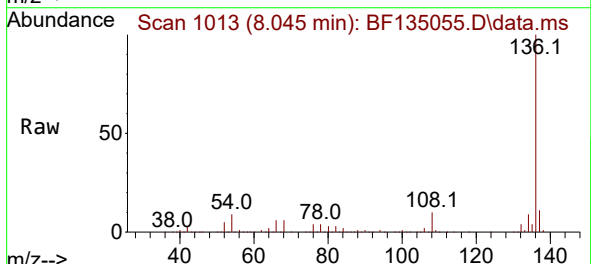
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

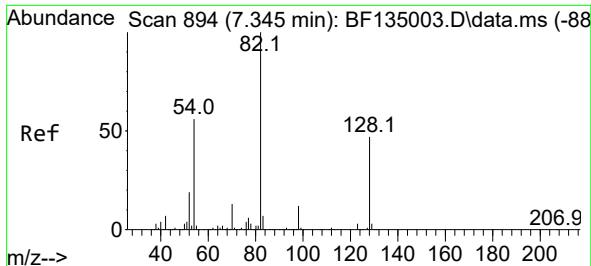
Tgt Ion: 99 Resp: 1171987
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 35.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

Tgt Ion:136 Resp: 482247
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 7.0 10.4
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 101.842 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135055.D

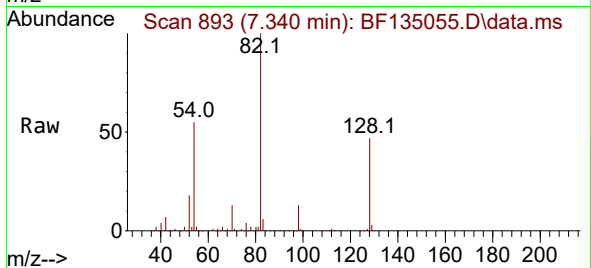
Acq: 31 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-21



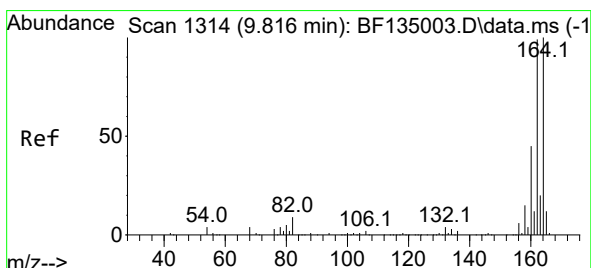
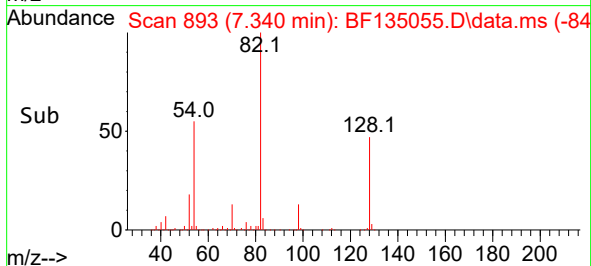
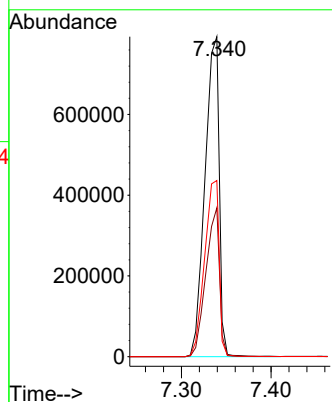
Tgt Ion: 82 Resp: 874197

Ion Ratio Lower Upper

82 100

128 46.5 37.8 56.8

54 55.1 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

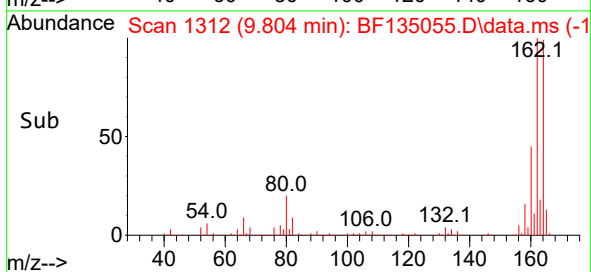
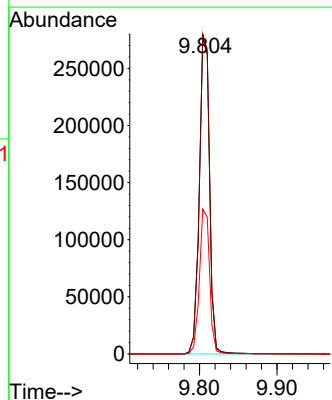
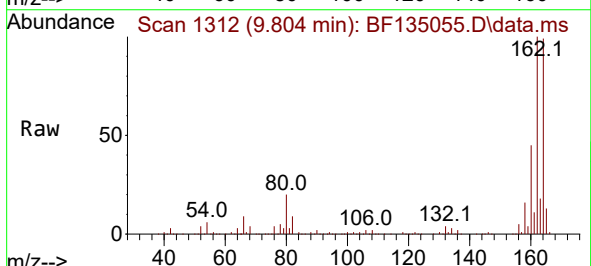
Tgt Ion:164 Resp: 253742

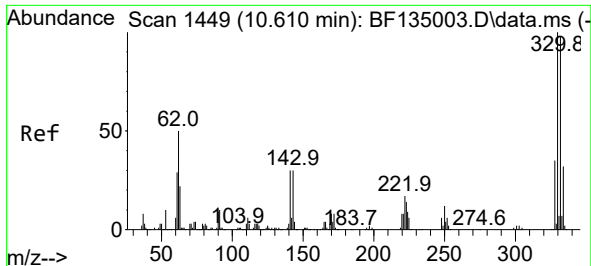
Ion Ratio Lower Upper

164 100

162 101.2 79.5 119.3

160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 137.810 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135055.D

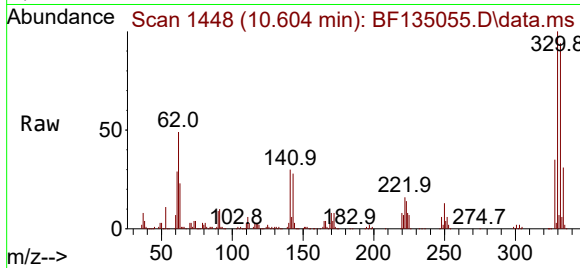
Acq: 31 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-21



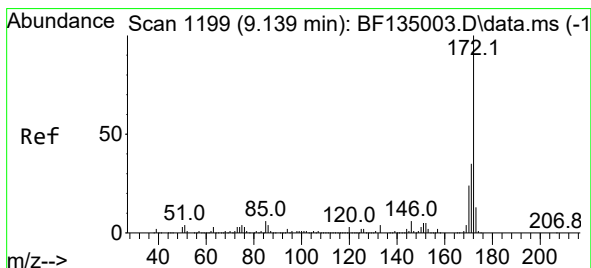
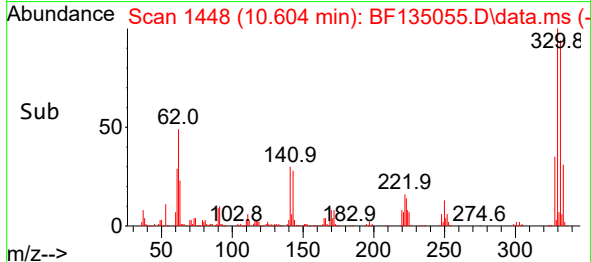
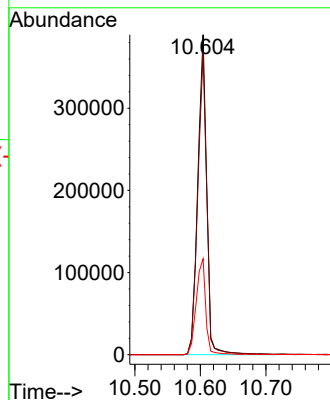
Tgt Ion:330 Resp: 370940

Ion Ratio Lower Upper

330 100

332 94.7 77.6 116.4

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 96.620 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

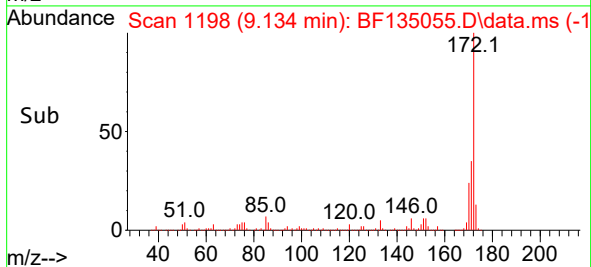
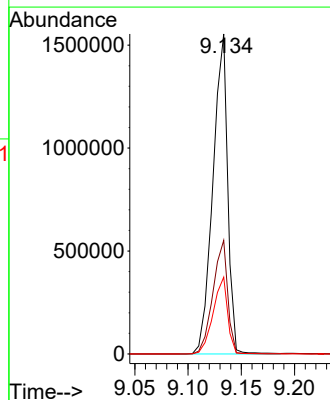
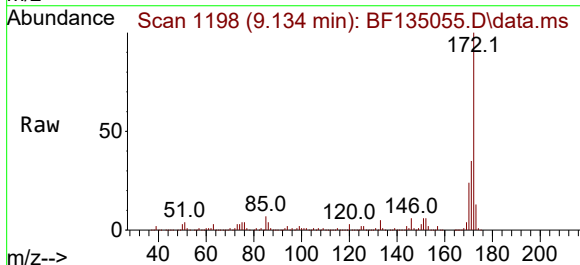
Tgt Ion:172 Resp: 1505834

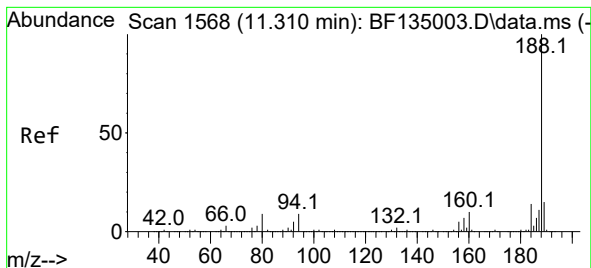
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135055.D

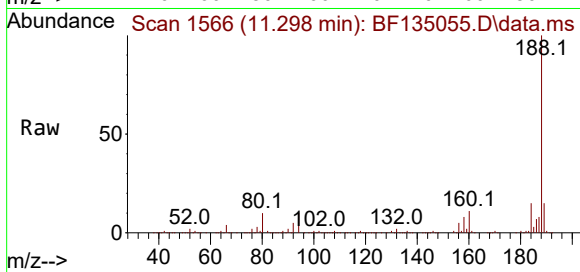
Acq: 31 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

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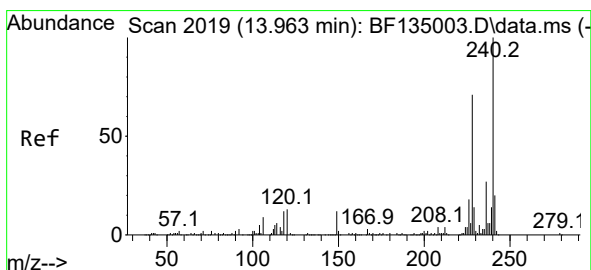
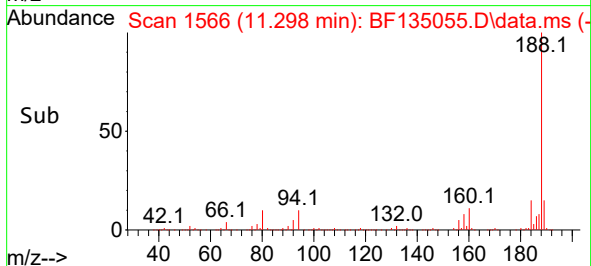
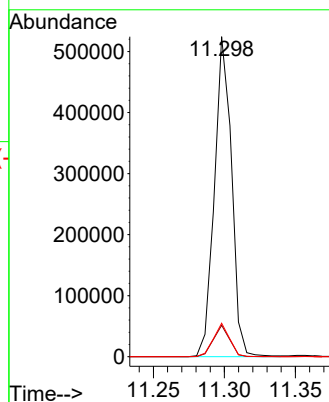
Tgt Ion:188 Resp: 440593

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.5 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

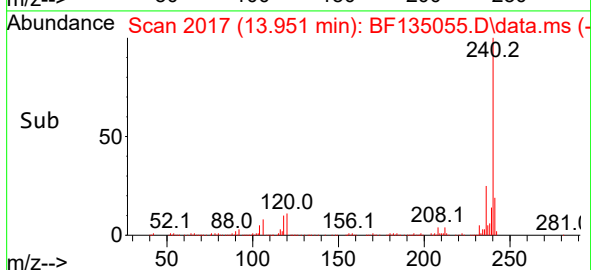
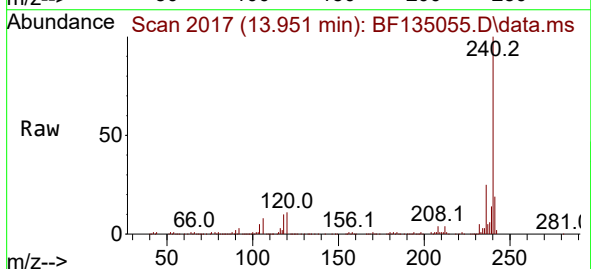
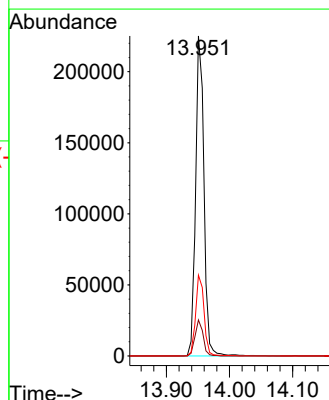
Tgt Ion:240 Resp: 205321

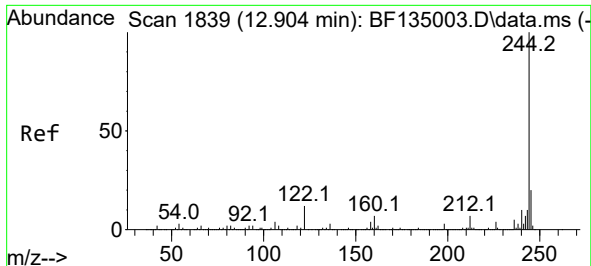
Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.2

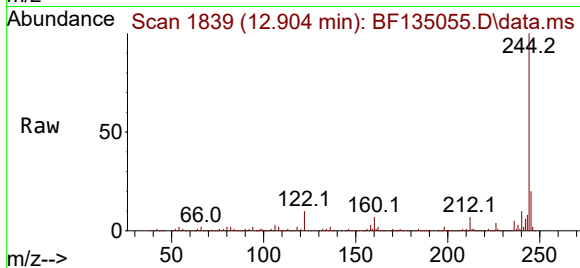
236 25.2 21.3 31.9



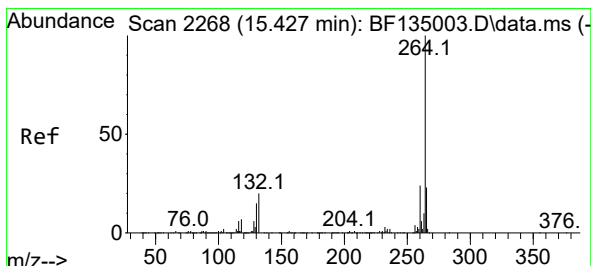
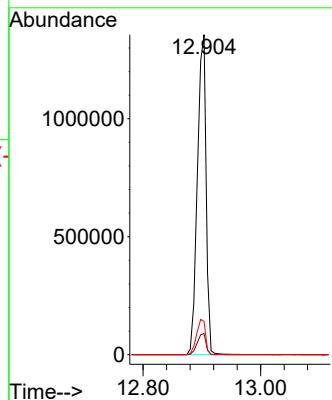
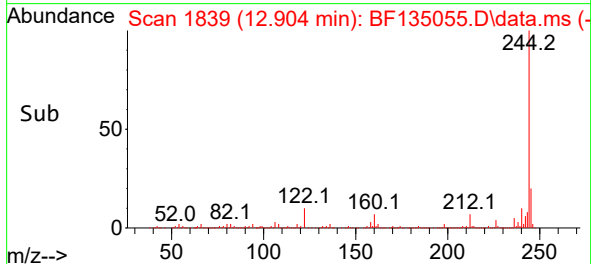


#79
 Terphenyl-d14
 Concen: 111.215 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135055.D
 Acq: 31 Aug 2023 22:34

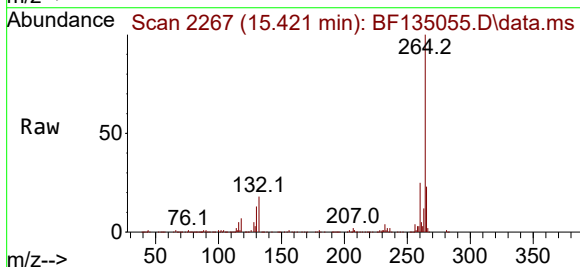
Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-21



Tgt Ion:244 Resp: 1399272
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.4 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135055.D
 Acq: 31 Aug 2023 22:34



Tgt Ion:264 Resp: 226798
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 22.6 18.2 27.2

