

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135054.D
 Acq On : 31 Aug 2023 22:02
 Operator : CG\JU
 Sample : 04197-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-20

Quant Time: Sep 01 01:53:04 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	117145	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	476765	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	247678	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	436324	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	199577	20.000	ng	-0.01
86) Perylene-d12	15.421	264	221444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1059862	139.748	ng	0.02
7) Phenol-d6	6.416	99	1200738	127.021	ng	0.00
23) Nitrobenzene-d5	7.340	82	897796	105.794	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	377917	143.840	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1585371	104.214	ng	0.00
79) Terphenyl-d14	12.904	244	1377472	112.633	ng	0.00

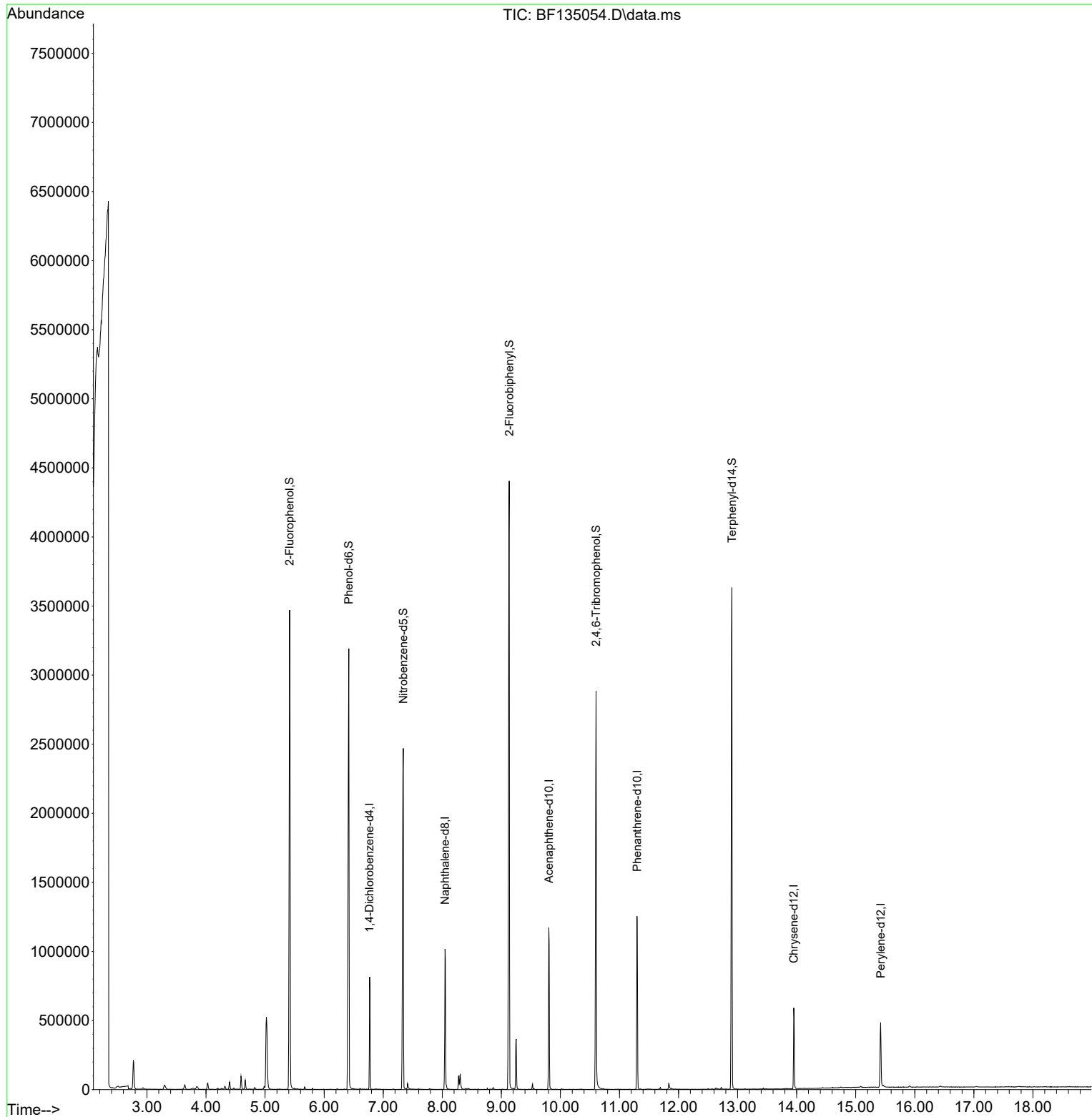
Target Compounds	Qvalue

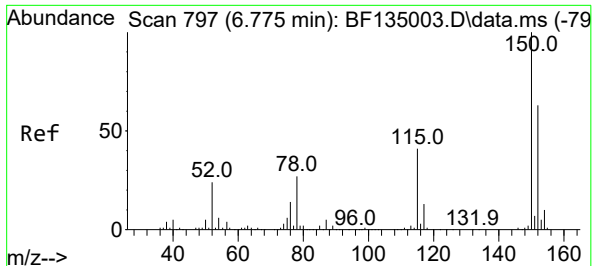
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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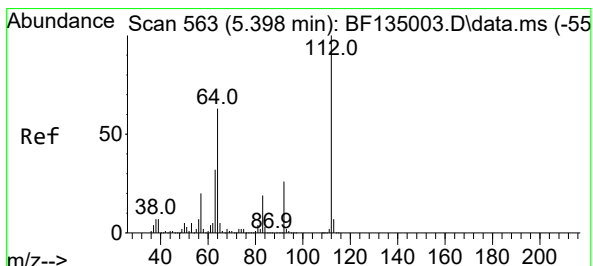
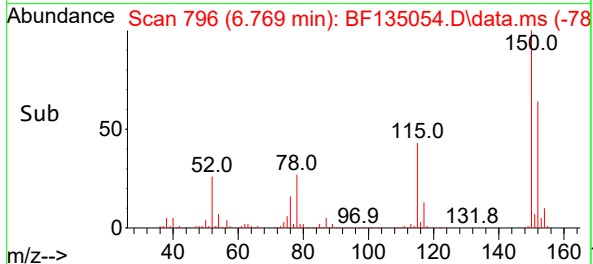
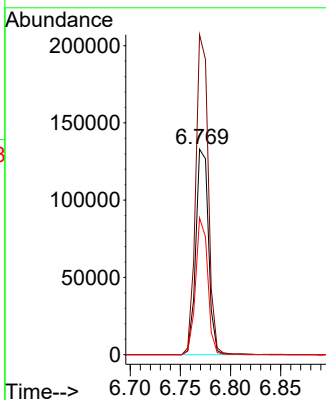
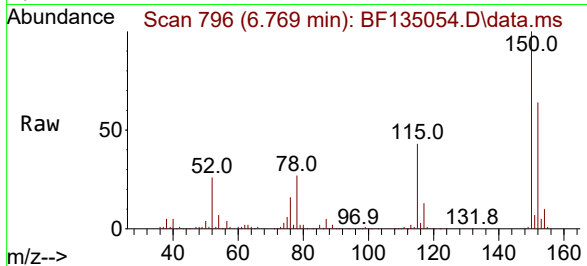




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

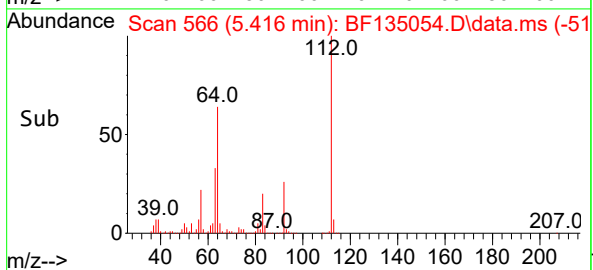
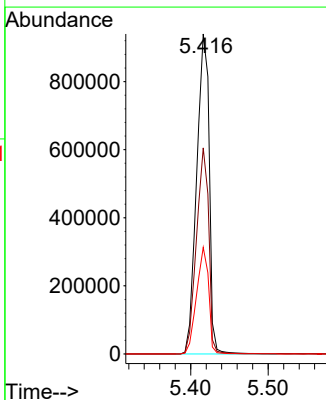
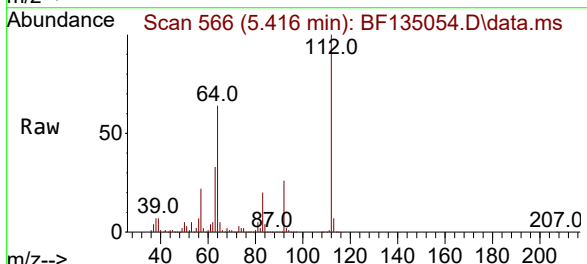
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

Tgt Ion:152 Resp: 117145
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.4
115 66.6 51.2 76.8



#5
2-Fluorophenol
Concen: 139.748 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

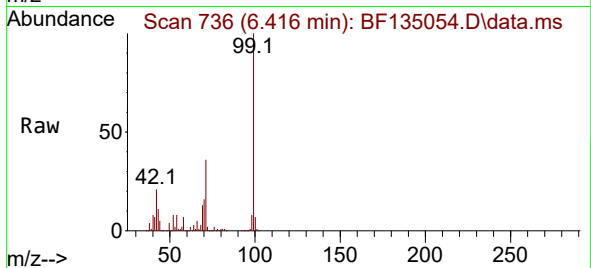
Tgt Ion:112 Resp: 1059862
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.3 25.9 38.9





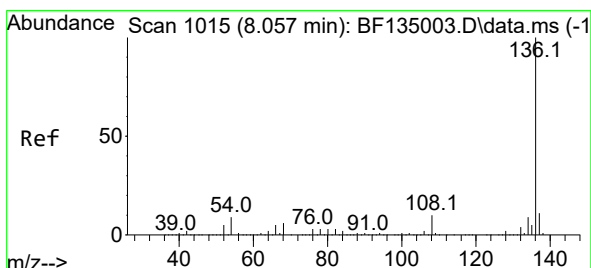
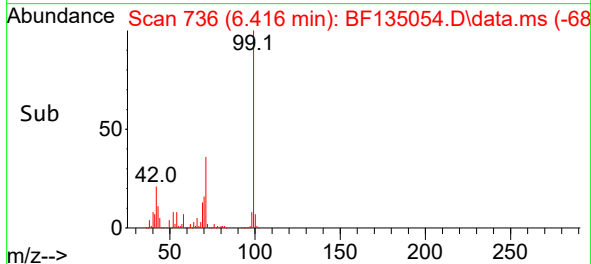
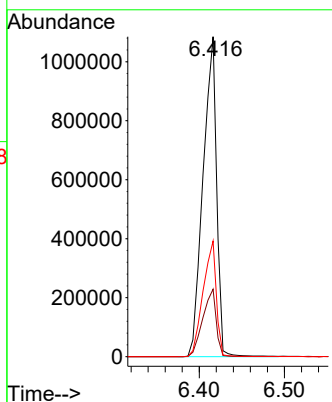
#7
Phenol-d6
Concen: 127.021 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20



Tgt Ion: 99 Resp: 1200738

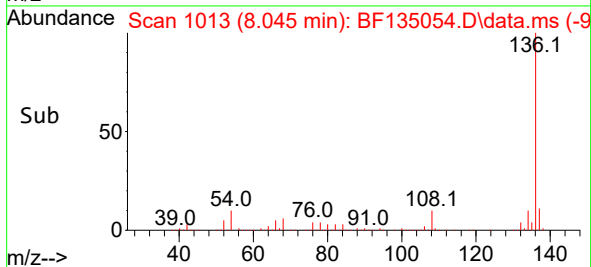
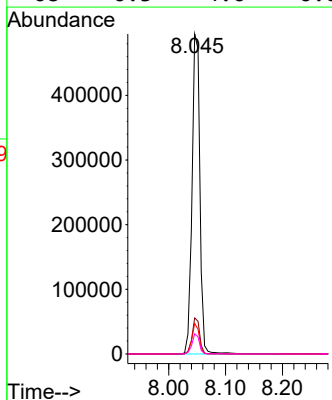
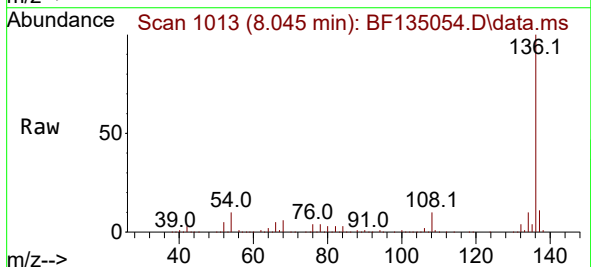
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	25.0
71	36.1	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

Tgt Ion: 136 Resp: 476765

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.5	7.0	10.4
68	6.3	4.6	6.8

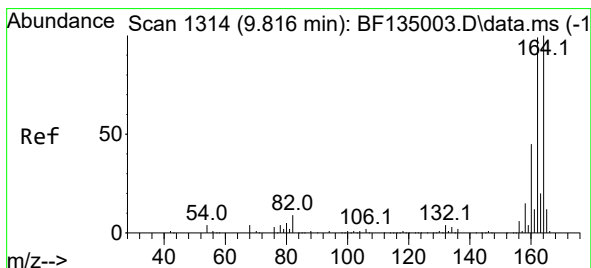
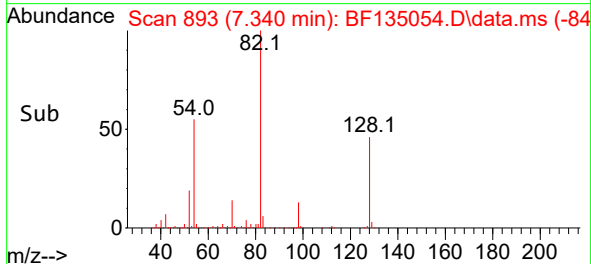
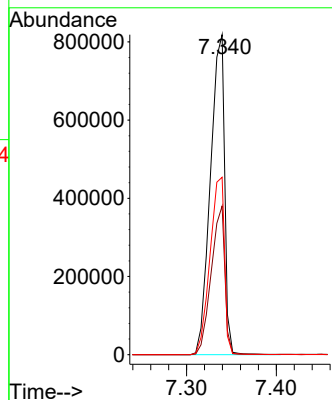
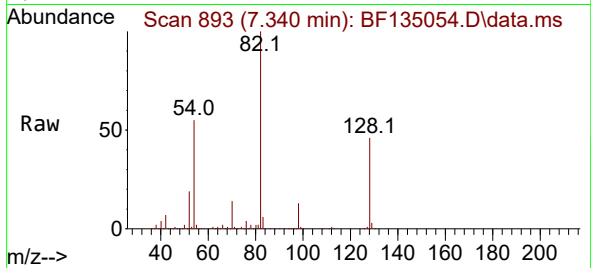




#23
Nitrobenzene-d5
Concen: 105.794 ng
RT: 7.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

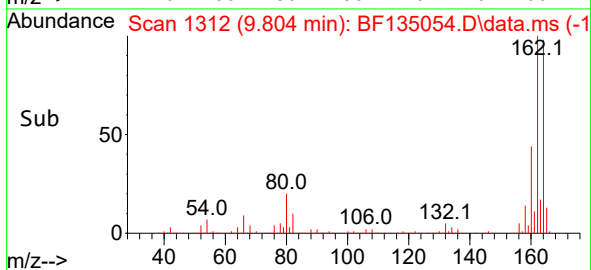
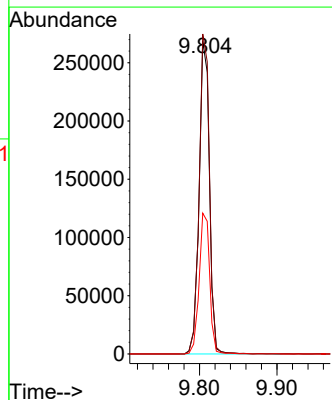
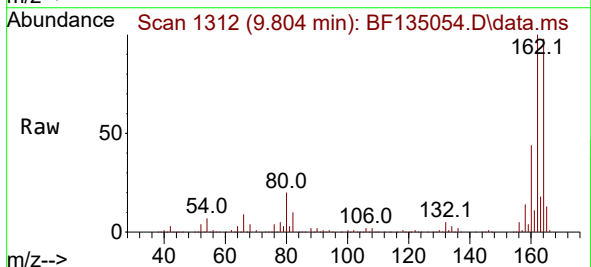
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

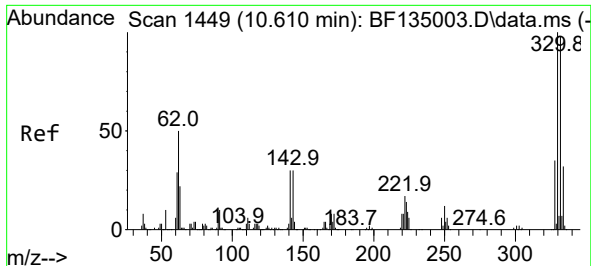
Tgt Ion: 82 Resp: 897796
Ion Ratio Lower Upper
82 100
128 46.4 37.8 56.8
54 55.5 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

Tgt Ion:164 Resp: 247678
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 143.840 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135054.D

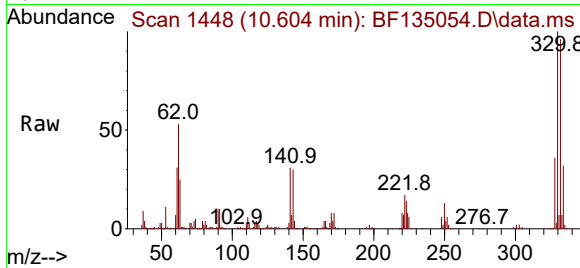
Acq: 31 Aug 2023 22:02

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-20



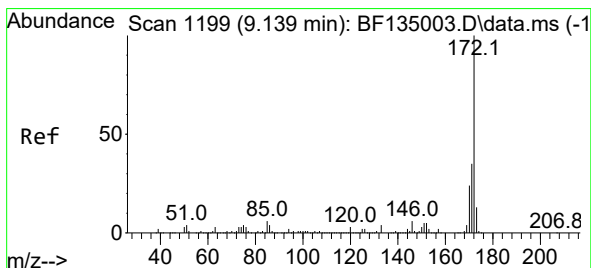
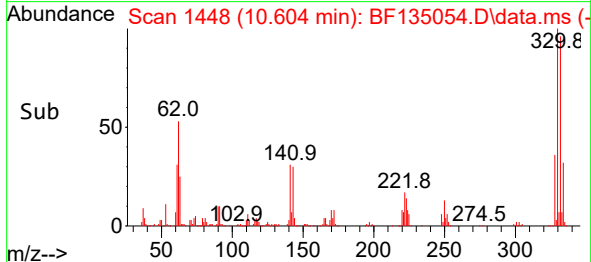
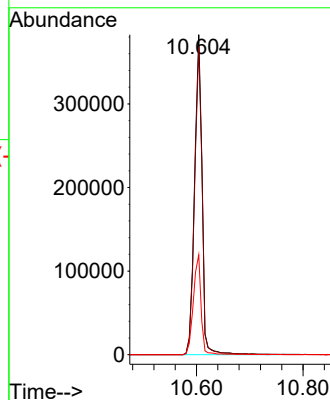
Tgt Ion:330 Resp: 377917

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 104.214 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135054.D

Acq: 31 Aug 2023 22:02

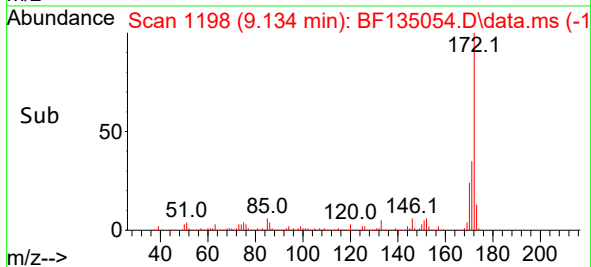
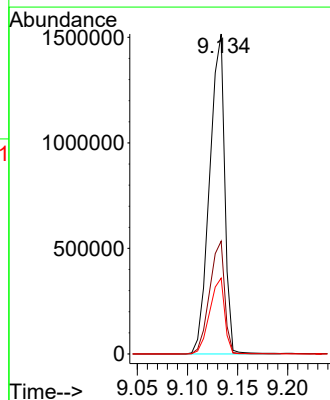
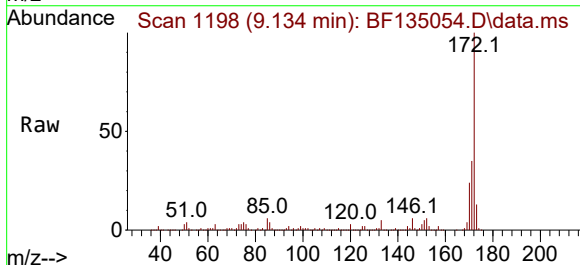
Tgt Ion:172 Resp: 1585371

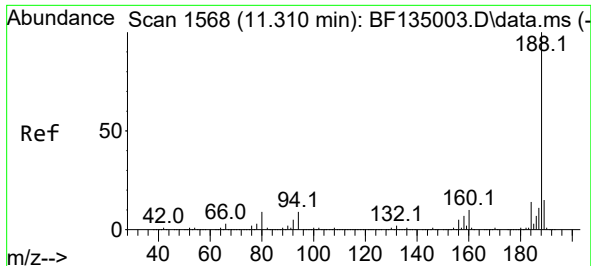
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

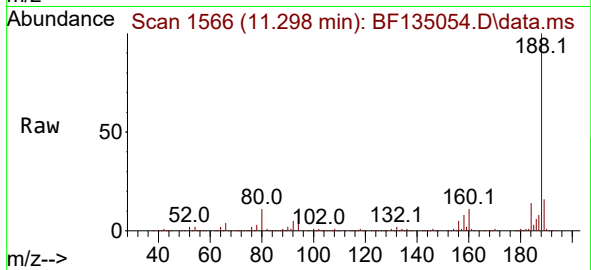
170 23.7 19.0 28.4



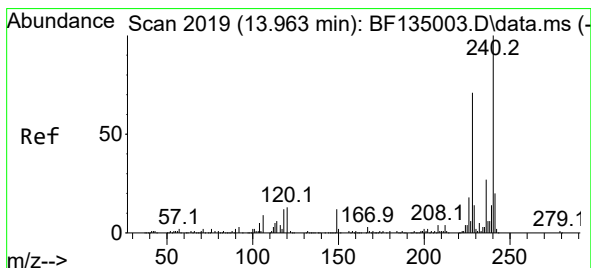
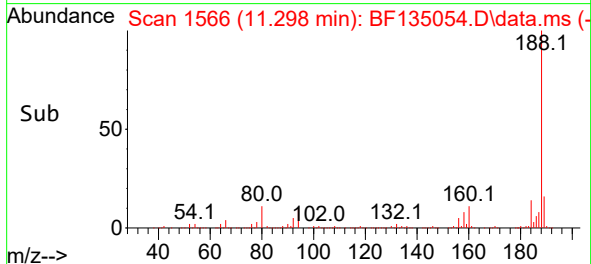
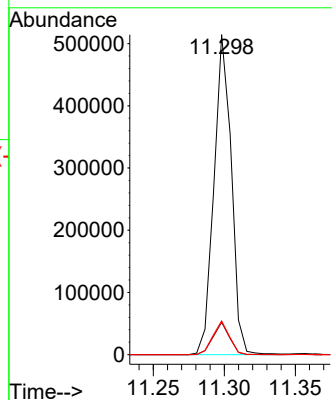


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

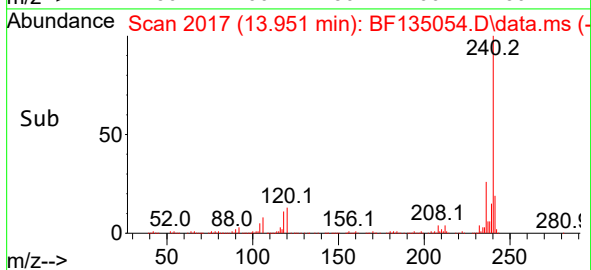
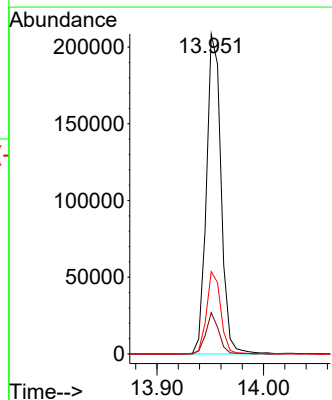
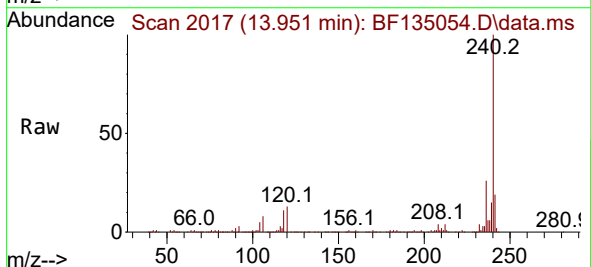


Tgt Ion:188 Resp: 436324
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135054.D
Acq: 31 Aug 2023 22:02

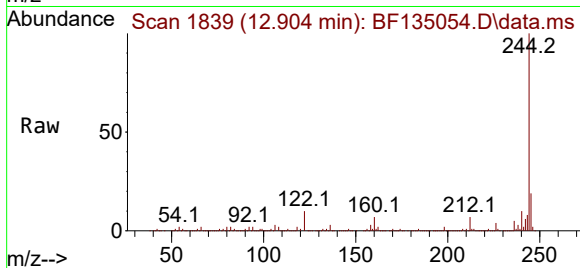
Tgt Ion:240 Resp: 199577
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.2
236 25.7 21.3 31.9



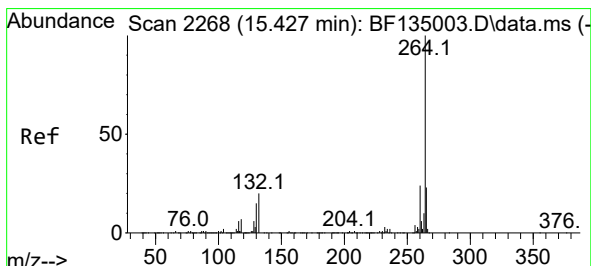
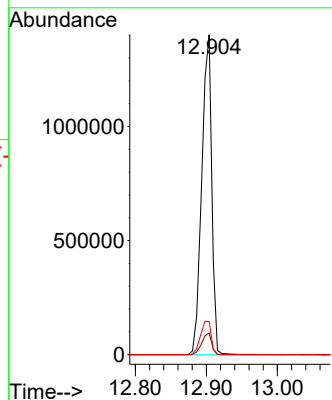
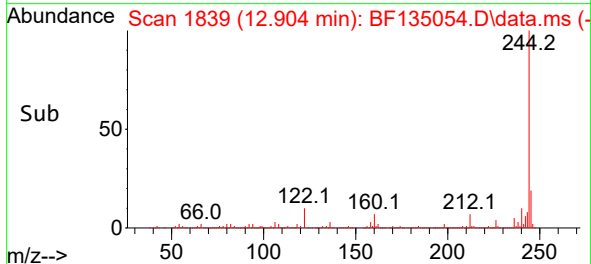


#79
 Terphenyl-d14
 Concen: 112.633 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135054.D
 Acq: 31 Aug 2023 22:02

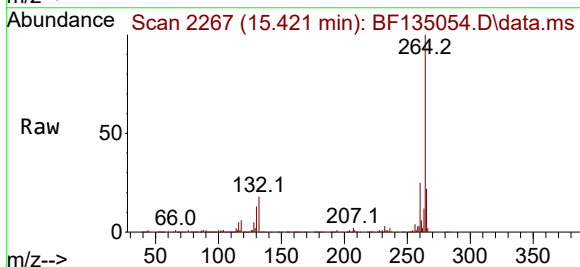
Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-20



Tgt Ion:244 Resp: 1377472
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.3 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: BF135054.D
 Acq: 31 Aug 2023 22:02



Tgt Ion:264 Resp: 221444
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.0 28.6
 265 21.9 18.2 27.2

