

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135053.D
 Acq On : 31 Aug 2023 21:30
 Operator : CG\JU
 Sample : 04196-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-04

Quant Time: Sep 01 01:52:44 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	101733	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	415177	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	215910	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	403194	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	186376	20.000	ng	-0.01
86) Perylene-d12	15.421	264	207837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	888284	134.869	ng	0.02
7) Phenol-d6	6.416	99	1021518	124.433	ng	0.00
23) Nitrobenzene-d5	7.334	82	779576	105.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	344682	150.493	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1344909	101.415	ng	0.00
79) Terphenyl-d14	12.904	244	1371027	120.046	ng	0.00

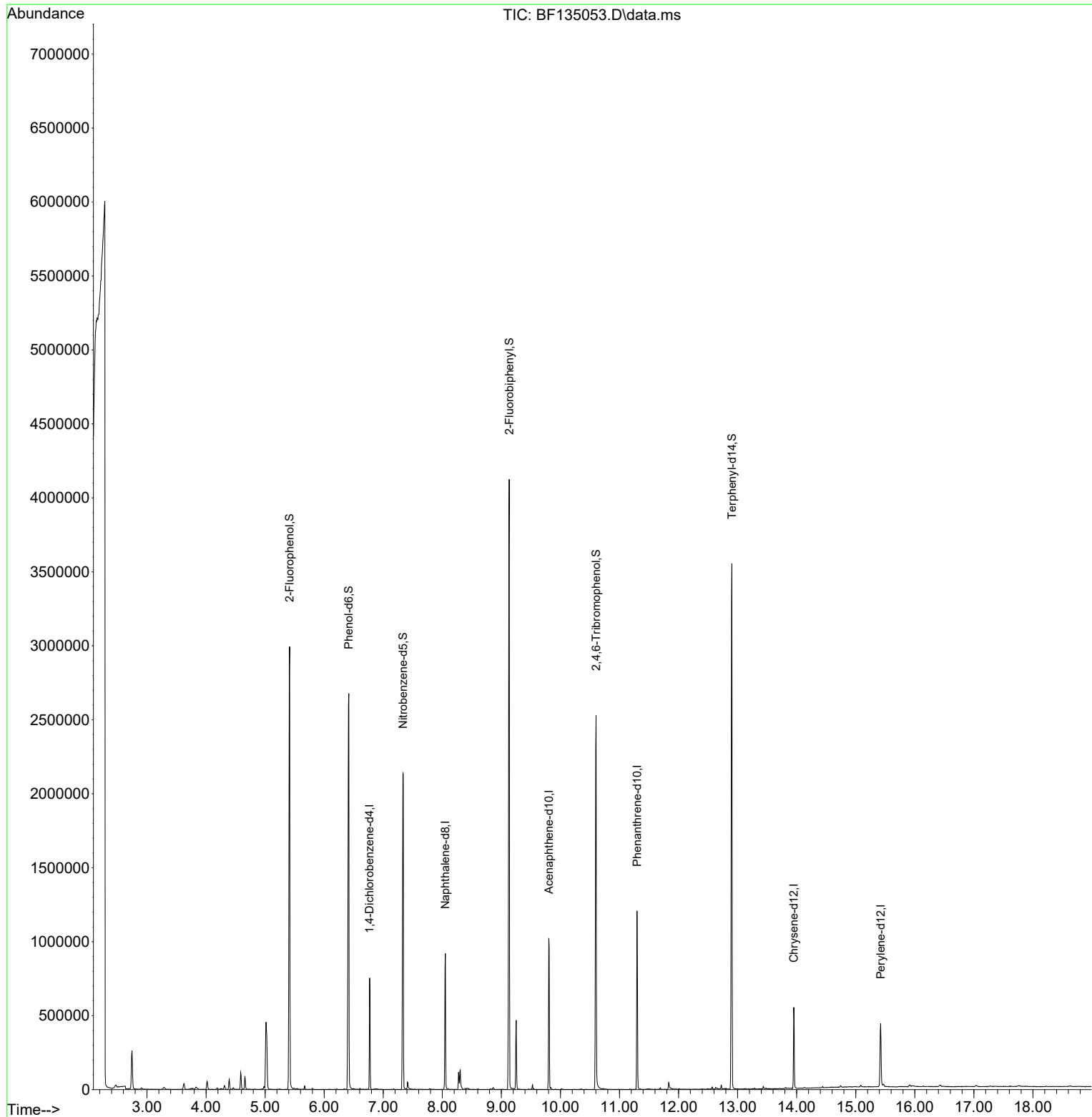
Target Compounds	Qvalue

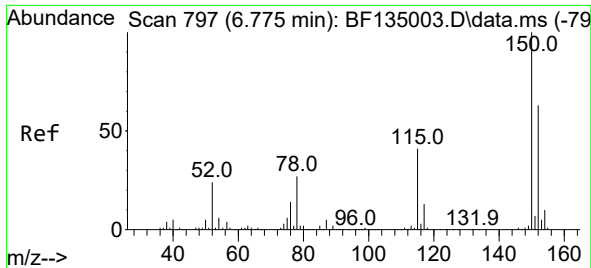
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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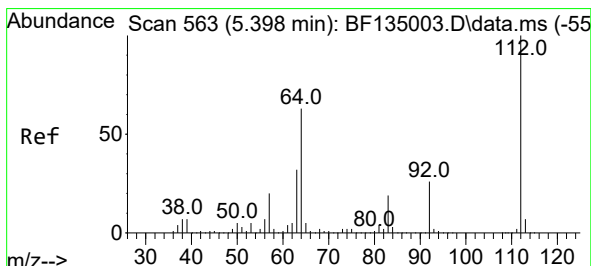
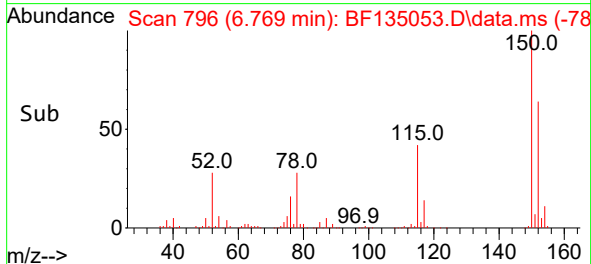
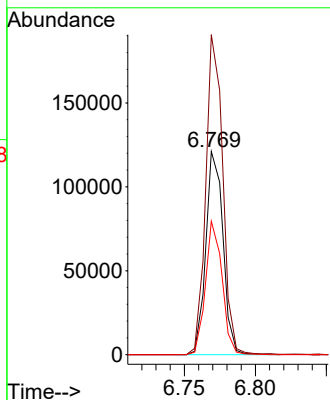
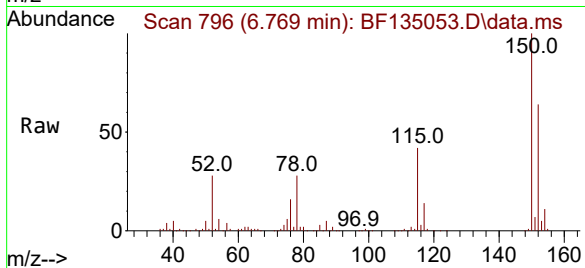




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135053.D
 Acq: 31 Aug 2023 21:30

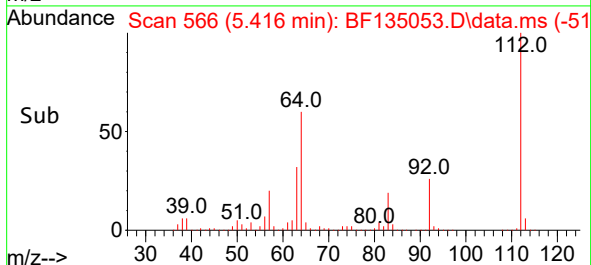
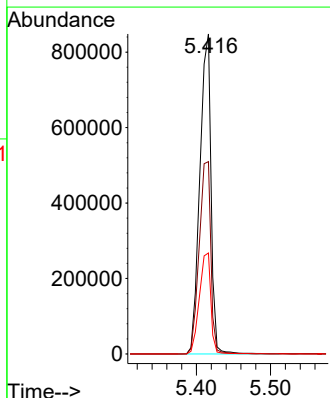
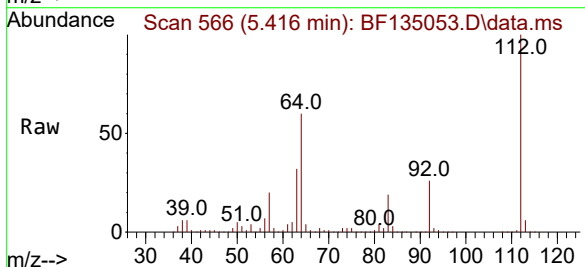
Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-04

Tgt Ion:152 Resp: 101733
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.4
 115 65.7 51.2 76.8



#5
 2-Fluorophenol
 Concen: 134.869 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.018 min
 Lab File: BF135053.D
 Acq: 31 Aug 2023 21:30

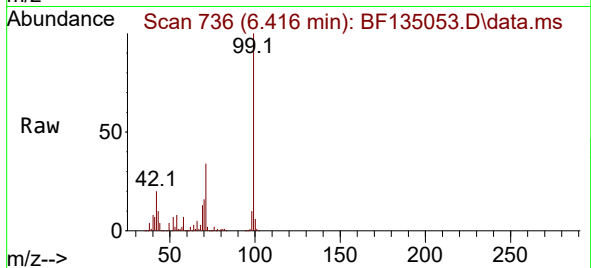
Tgt Ion:112 Resp: 888284
 Ion Ratio Lower Upper
 112 100
 64 60.1 50.5 75.7
 63 31.5 25.9 38.9





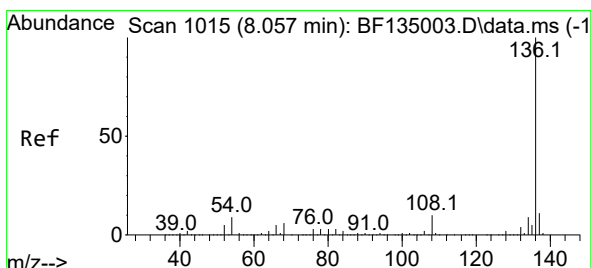
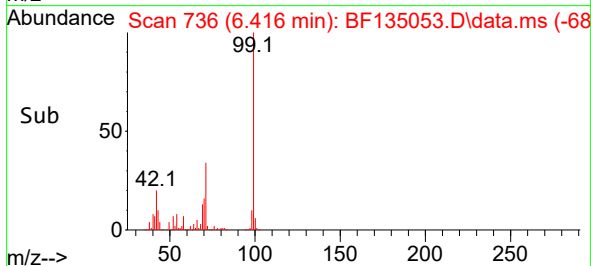
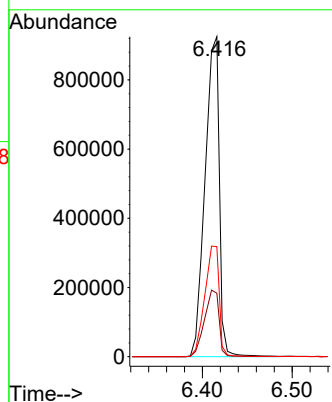
#7
Phenol-d6
Concen: 124.433 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135053.D
Acq: 31 Aug 2023 21:30

Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-04



Tgt Ion: 99 Resp: 1021518

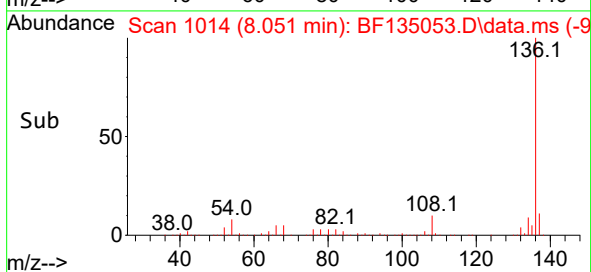
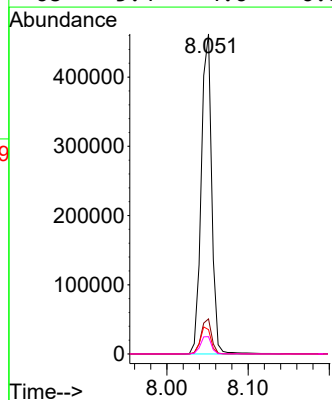
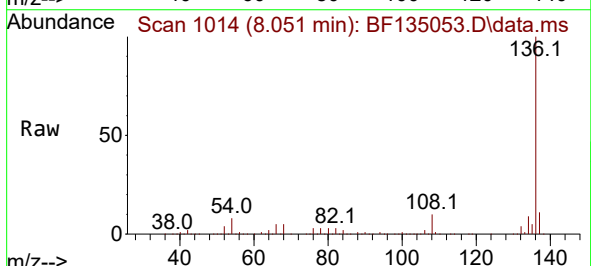
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	25.0
71	34.4	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135053.D
Acq: 31 Aug 2023 21:30

Tgt Ion: 136 Resp: 415177

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	7.0	10.4
68	5.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 105.490 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135053.D

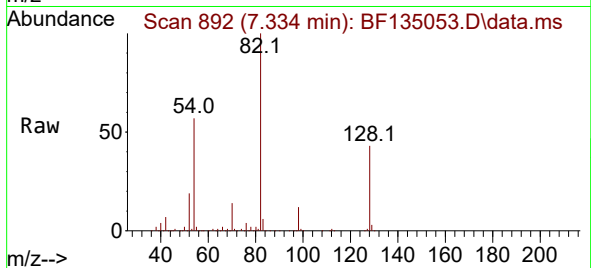
Acq: 31 Aug 2023 21:30

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-04



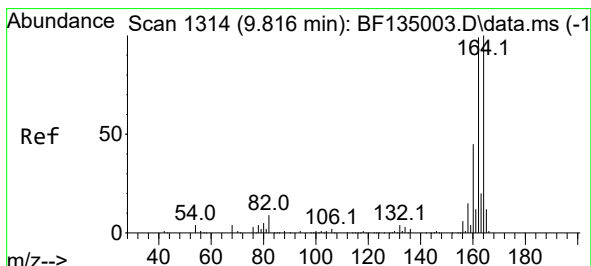
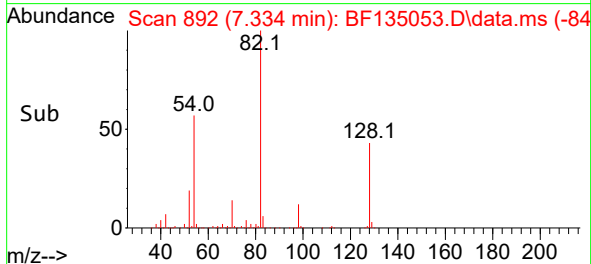
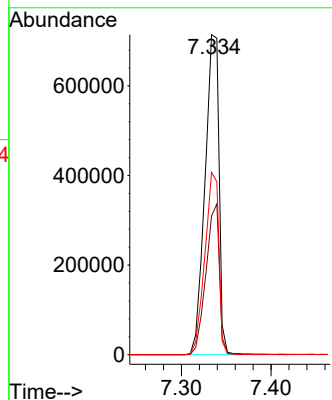
Tgt Ion: 82 Resp: 779576

Ion Ratio Lower Upper

82 100

128 43.4 37.8 56.8

54 57.0 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: BF135053.D

Acq: 31 Aug 2023 21:30

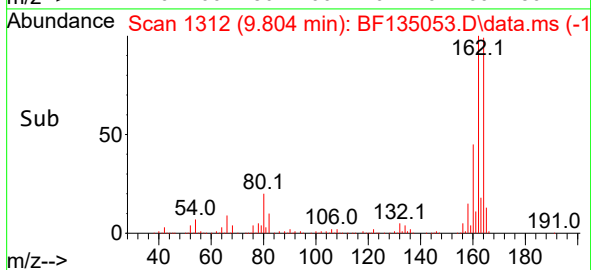
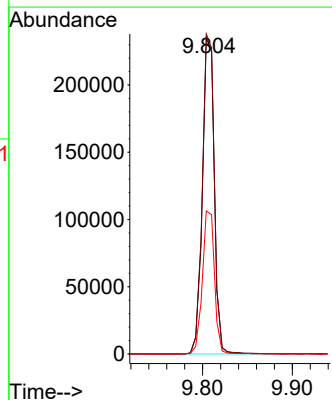
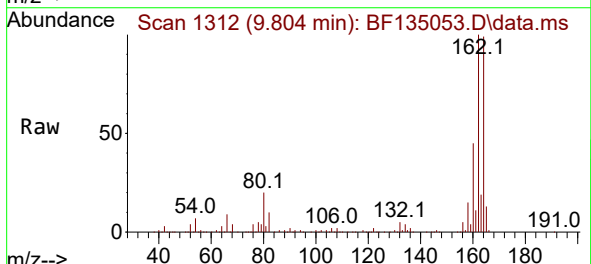
Tgt Ion: 164 Resp: 215910

Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

160 45.3 36.0 54.0

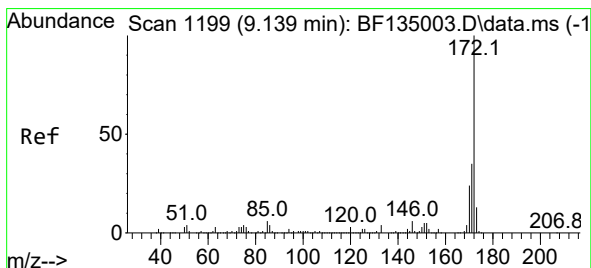
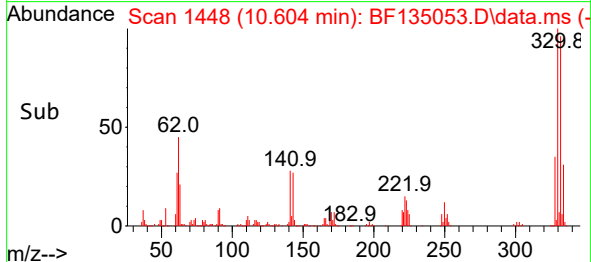
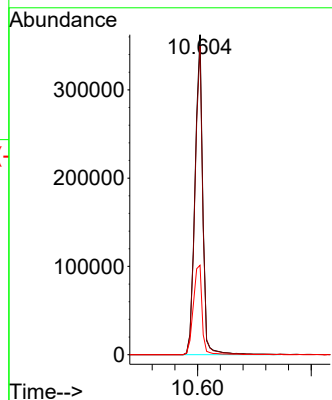
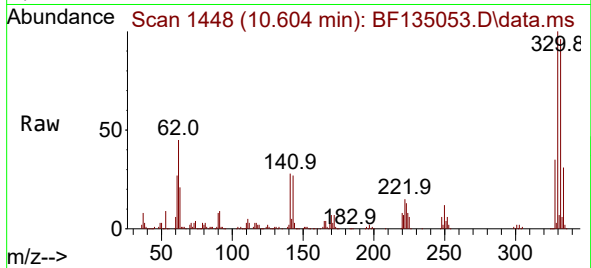




#42
2,4,6-Tribromophenol
Concen: 150.493 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF135053.D
Acq: 31 Aug 2023 21:30

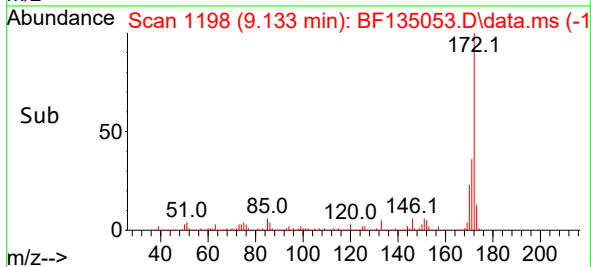
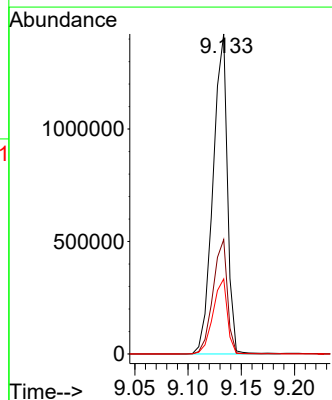
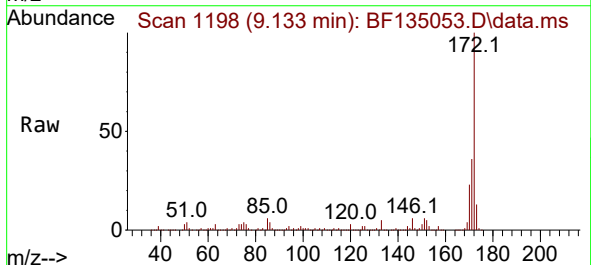
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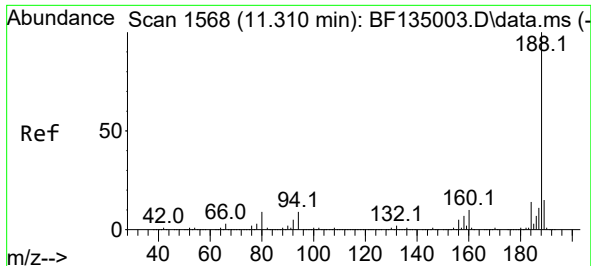
Tgt Ion:330 Resp: 344682
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 31.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 101.415 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135053.D
Acq: 31 Aug 2023 21:30

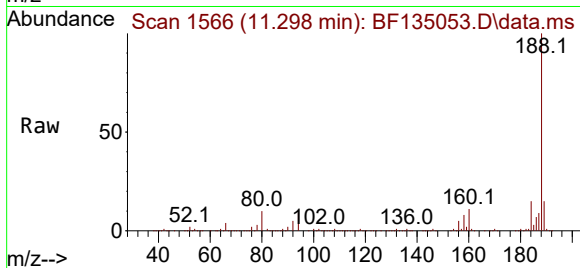
Tgt Ion:172 Resp: 1344909
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.5 19.0 28.4



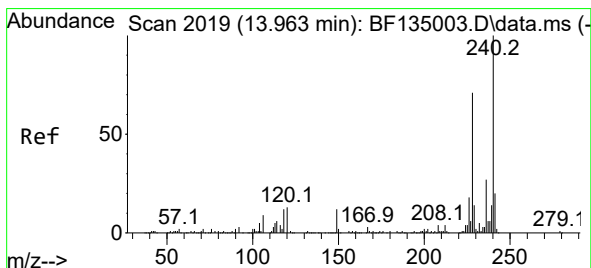
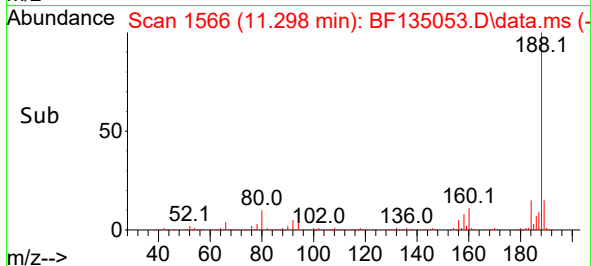
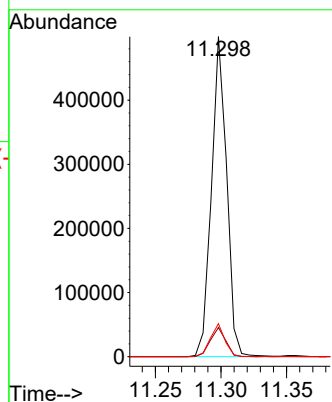


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135053.D
Acq: 31 Aug 2023 21:30

Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-04

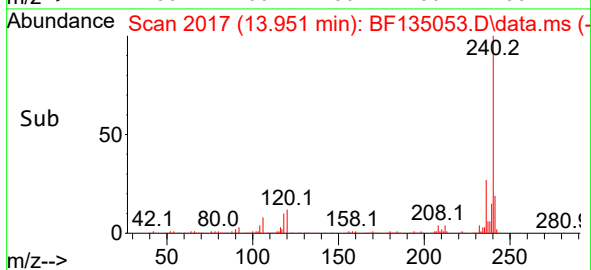
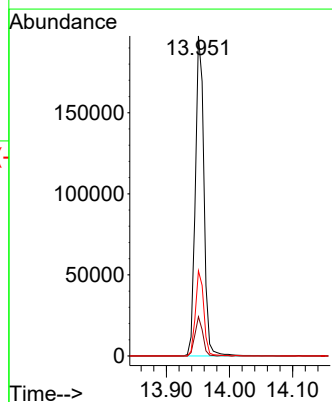
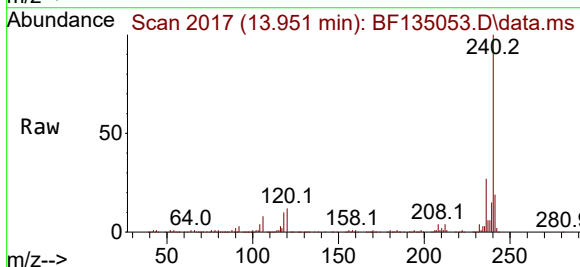


Tgt Ion:188 Resp: 403194
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135053.D
Acq: 31 Aug 2023 21:30

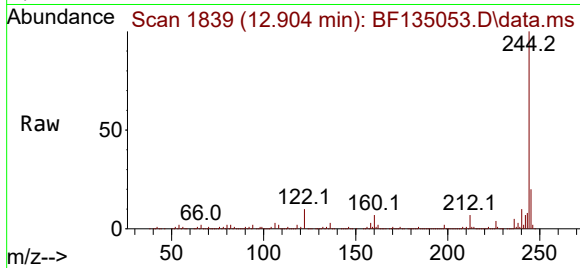
Tgt Ion:240 Resp: 186376
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.2
236 26.6 21.3 31.9



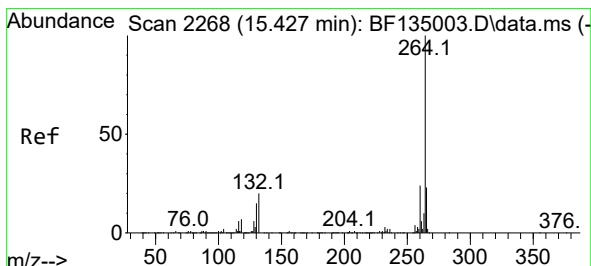
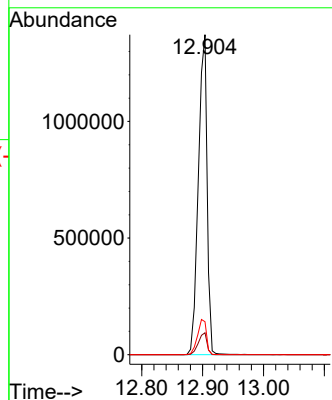
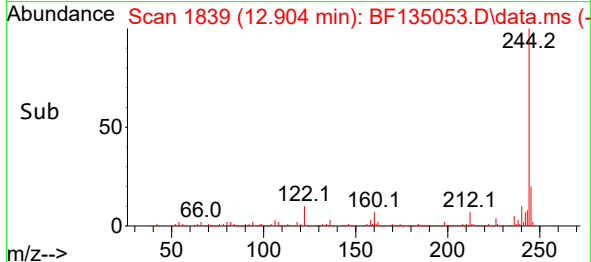


#79
 Terphenyl-d14
 Concen: 120.046 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135053.D
 Acq: 31 Aug 2023 21:30

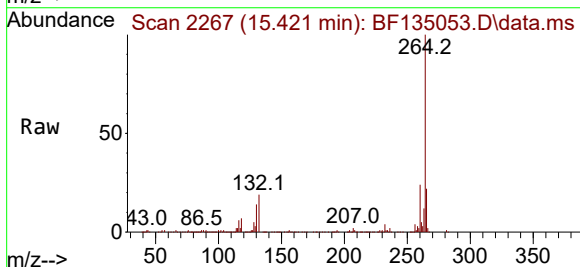
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Tgt Ion:244 Resp: 1371027
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.3 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135053.D
 Acq: 31 Aug 2023 21:30



Tgt Ion:264 Resp: 207837
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.7 18.2 27.2

