

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135023.D
 Acq On : 31 Aug 2023 01:21
 Operator : CG\JU
 Sample : 04196-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 31 05:59:57 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	128726	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	512863	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	235986	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	344551	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	231960	20.000	ng	0.00
86) Perylene-d12	15.427	264	258584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1002493	120.292	ng	0.01
7) Phenol-d6	6.416	99	1211247	116.605	ng	0.00
23) Nitrobenzene-d5	7.333	82	772047	84.573	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	257411	102.828	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1279409	88.269	ng	0.00
79) Terphenyl-d14	12.904	244	959502	67.503	ng	0.00

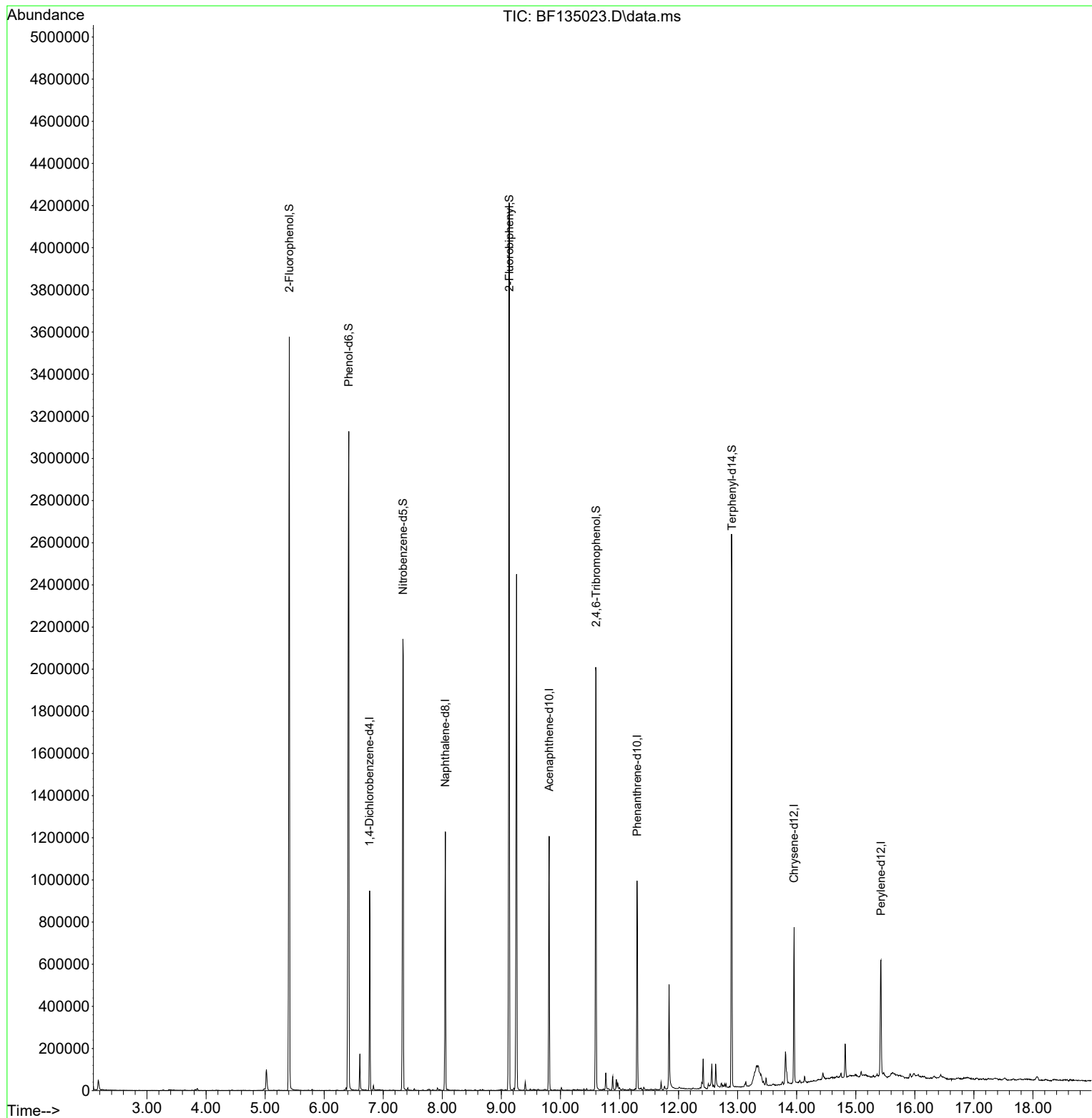
Target Compounds	Qvalue

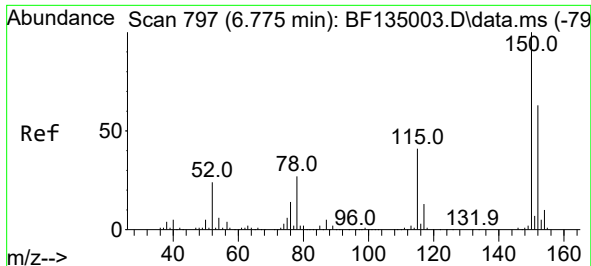
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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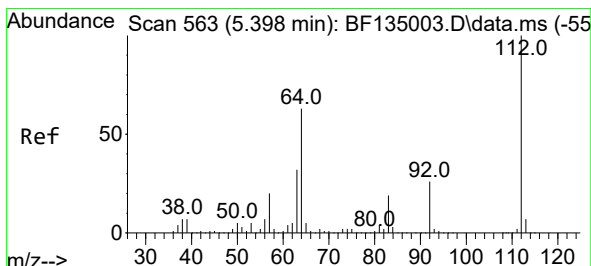
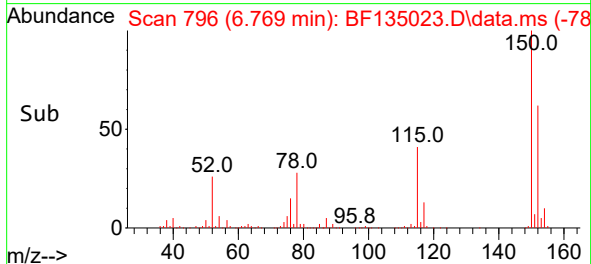
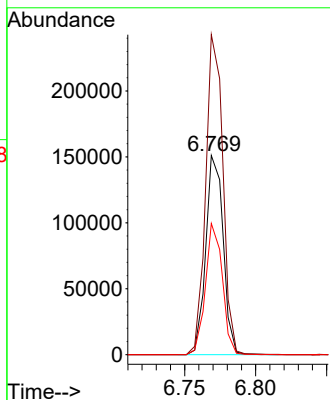
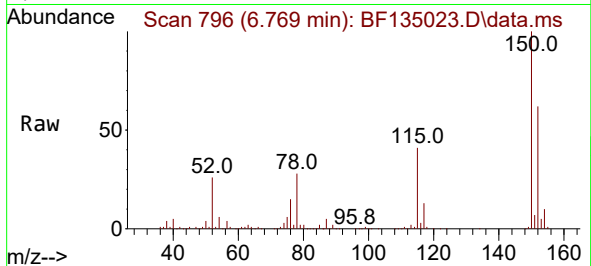




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

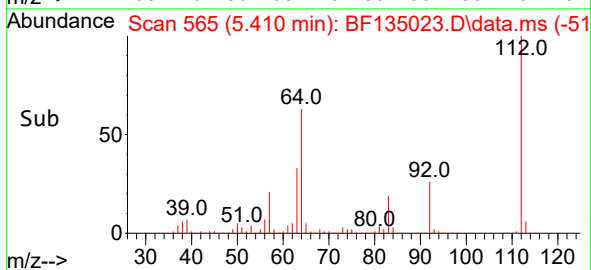
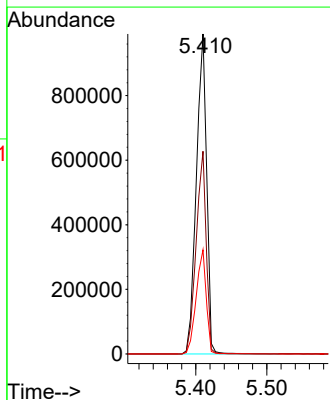
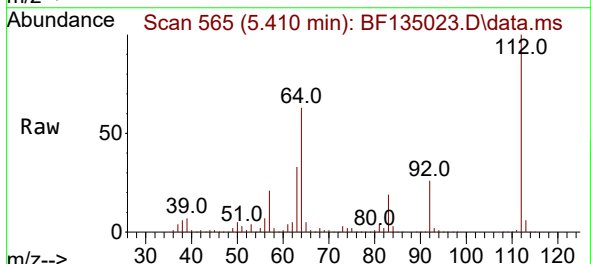
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-04

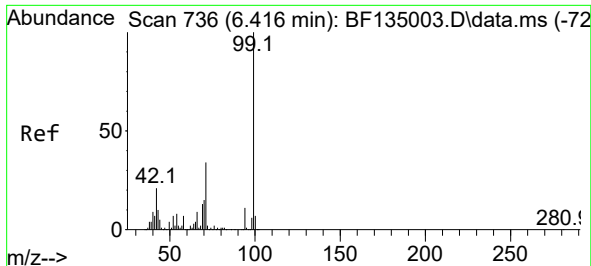
Tgt Ion:152 Resp: 128726
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.4
115 65.9 51.2 76.8



#5
2-Fluorophenol
Concen: 120.292 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

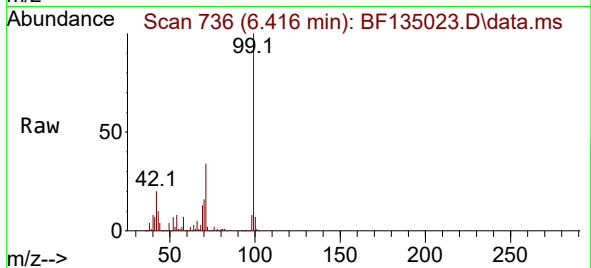
Tgt Ion:112 Resp: 1002493
Ion Ratio Lower Upper
112 100
64 63.4 50.5 75.7
63 32.6 25.9 38.9





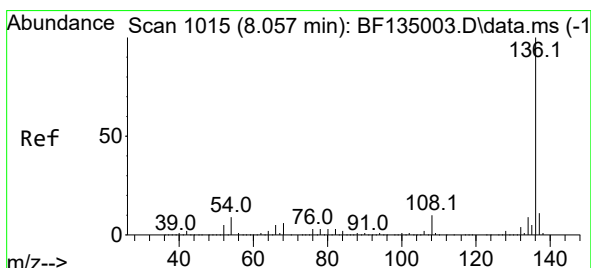
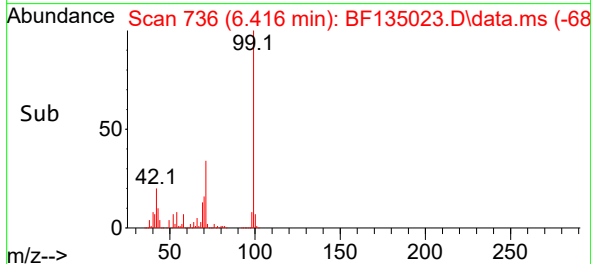
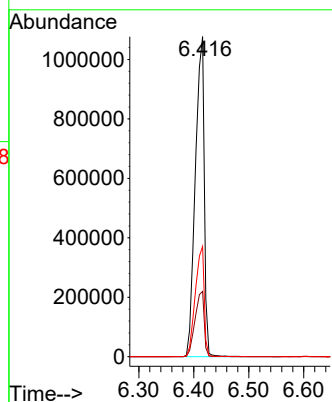
#7
Phenol-d6
Concen: 116.605 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

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



Tgt Ion: 99 Resp: 1211247

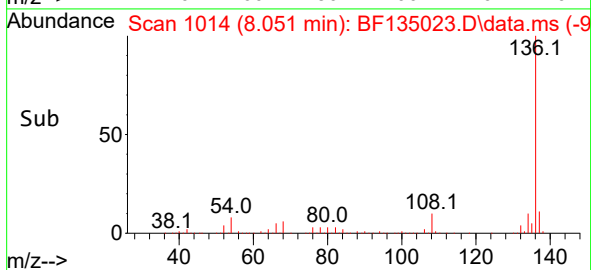
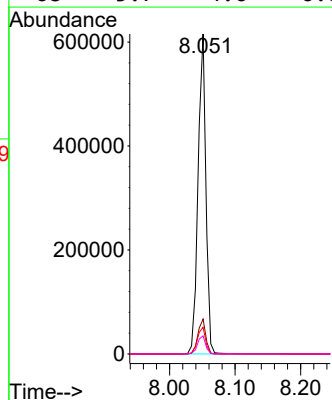
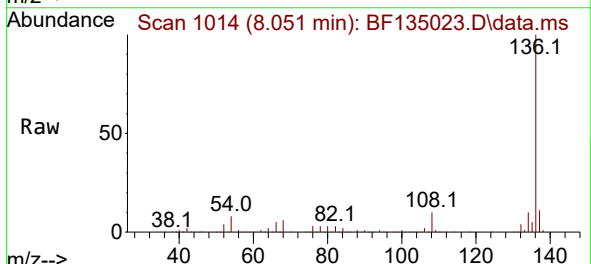
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	25.0
71	34.4	27.0	40.6

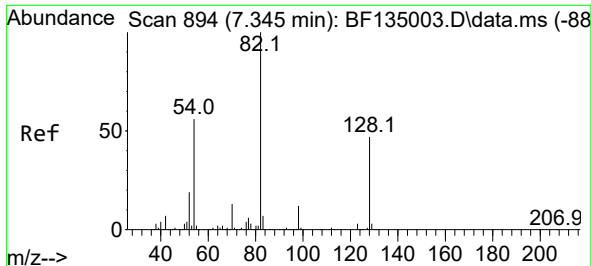


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion: 136 Resp: 512863

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	7.0	10.4
68	5.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 84.573 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135023.D

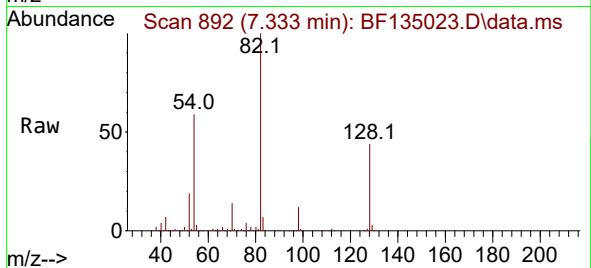
Acq: 31 Aug 2023 01:21

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-04



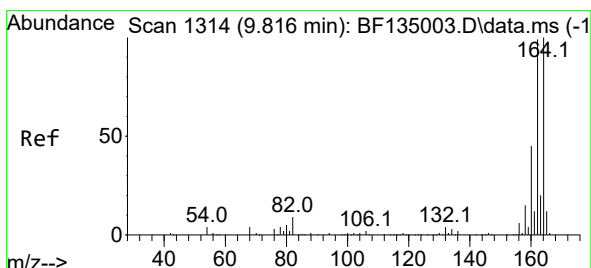
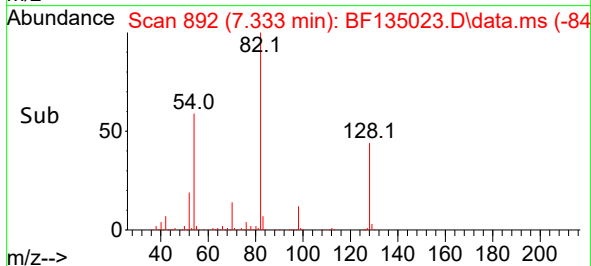
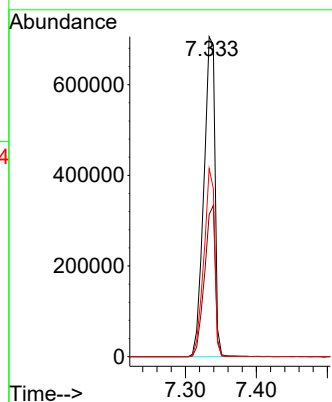
Tgt Ion: 82 Resp: 772047

Ion Ratio Lower Upper

82 100

128 44.4 37.8 56.8

54 58.8 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: BF135023.D

Acq: 31 Aug 2023 01:21

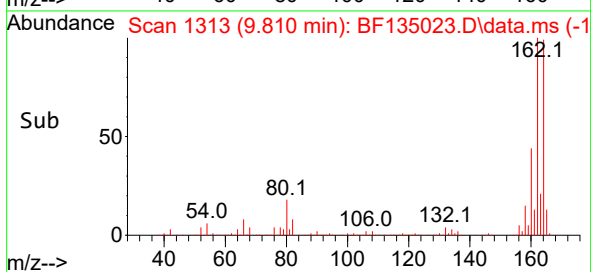
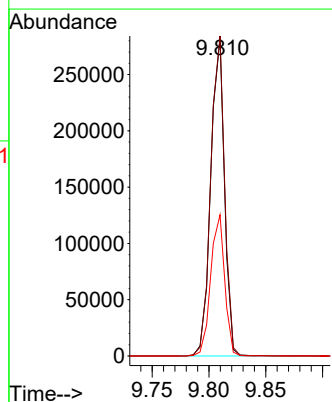
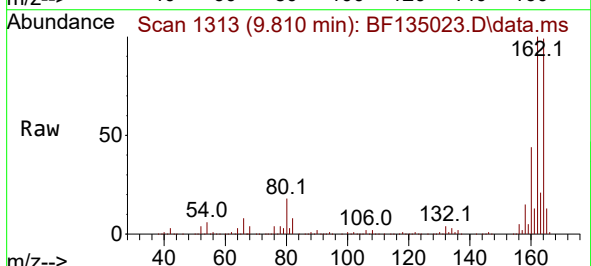
Tgt Ion: 164 Resp: 235986

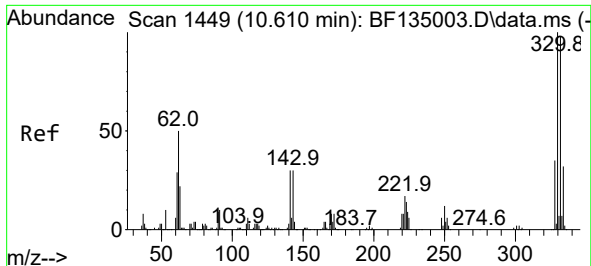
Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

160 44.4 36.0 54.0

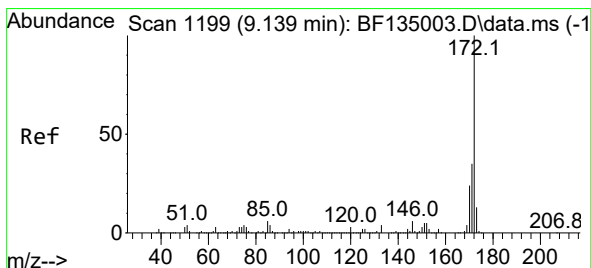
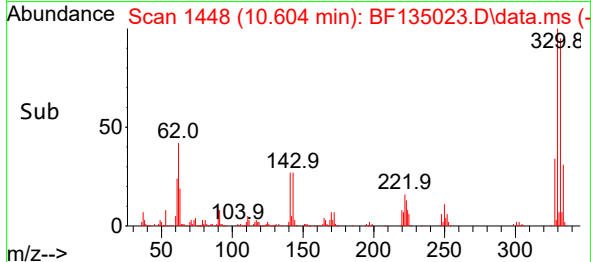
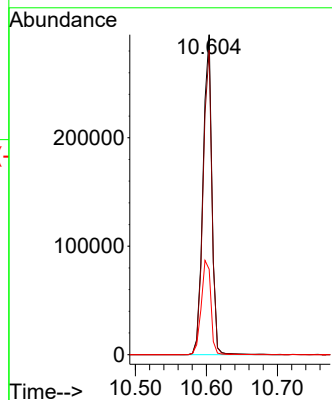
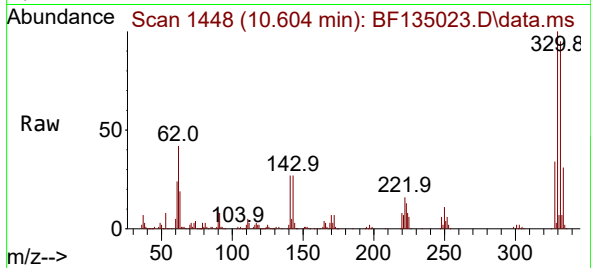




#42
2,4,6-Tribromophenol
Concen: 102.828 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

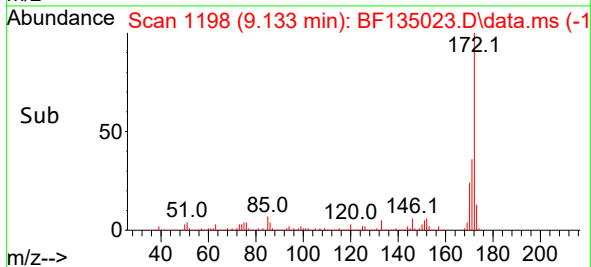
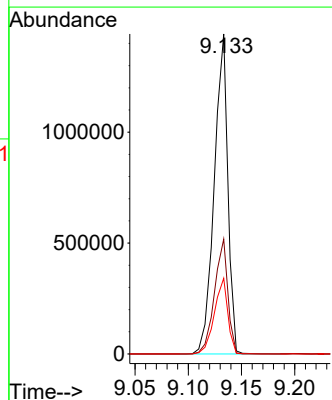
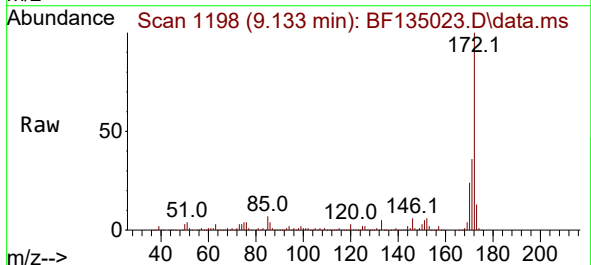
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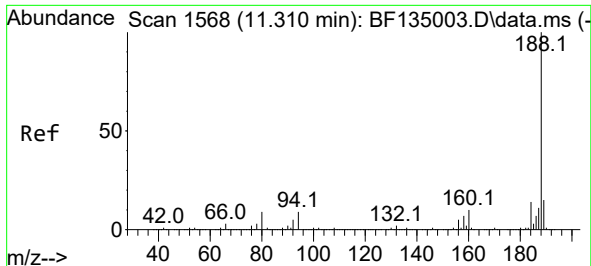
Tgt Ion:330 Resp: 257411
Ion Ratio Lower Upper
330 100
332 95.0 77.6 116.4
141 31.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 88.269 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion:172 Resp: 1279409
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.6 19.0 28.4

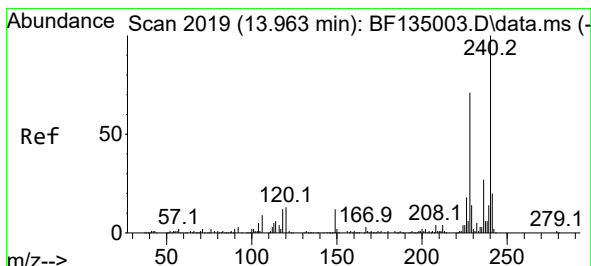
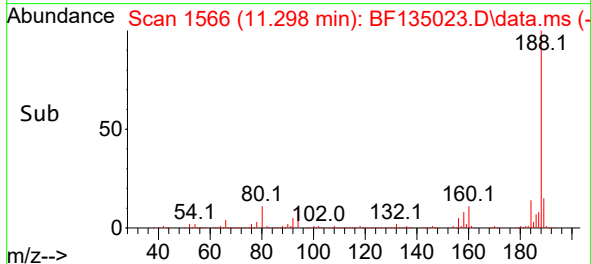
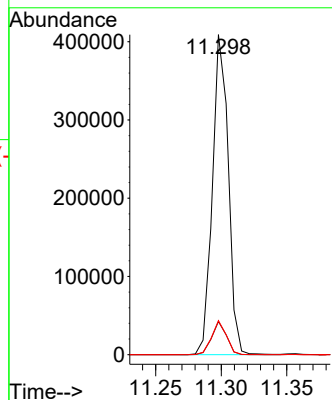
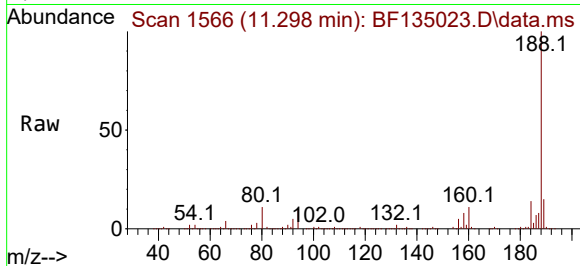




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

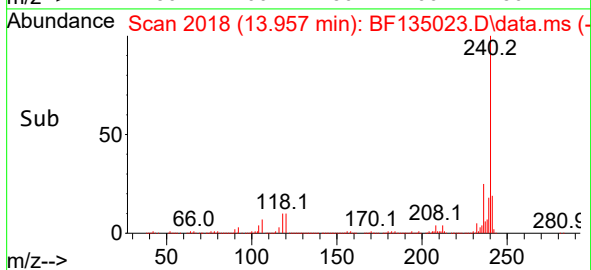
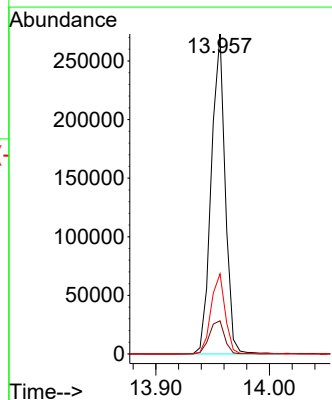
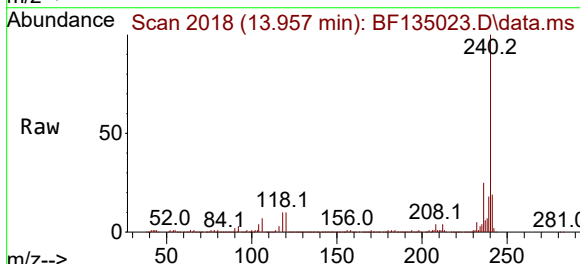
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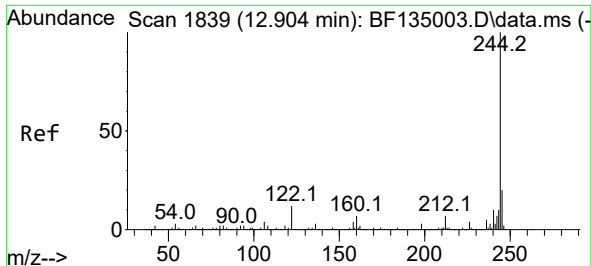
Tgt Ion:188 Resp: 344551
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.4
80 10.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135023.D
Acq: 31 Aug 2023 01:21

Tgt Ion:240 Resp: 231960
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 25.0 21.3 31.9

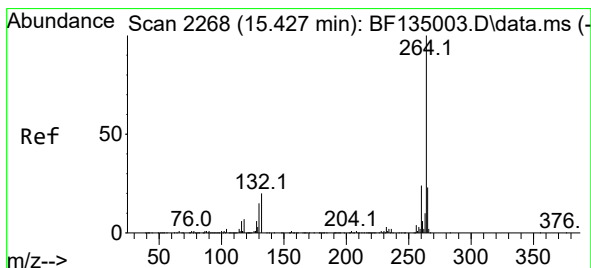
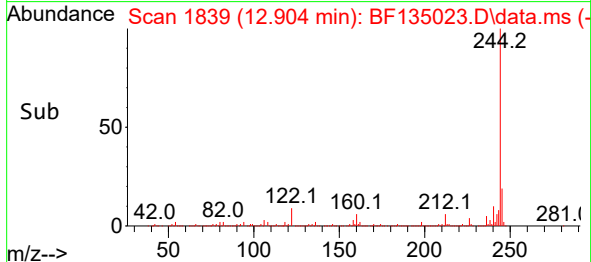
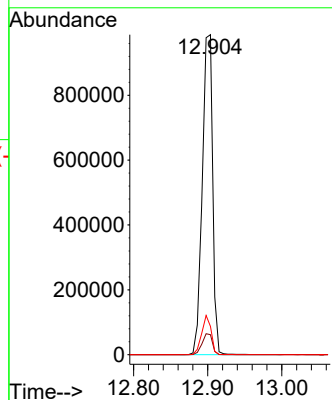
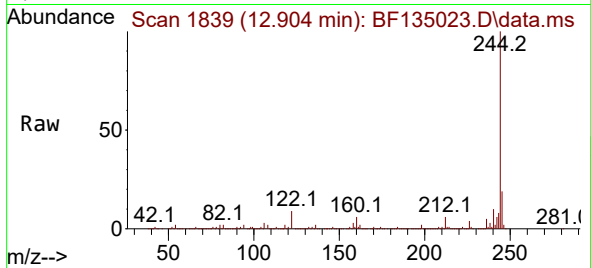




#79
 Terphenyl-d14
 Concen: 67.503 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135023.D
 Acq: 31 Aug 2023 01:21

Instrument :
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 ClientSampleId :
 OR-345-COMP-04

Tgt Ion:244 Resp: 959502
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 8.8 9.8 14.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF135023.D
 Acq: 31 Aug 2023 01:21

Tgt Ion:264 Resp: 258584
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.6 18.2 27.2

