

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135019.D
 Acq On : 30 Aug 2023 23:11
 Operator : CG\JU
 Sample : 04170-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01

Quant Time: Aug 31 05:58:35 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	139854	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	571435	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	271307	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	430756	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	226966	20.000	ng	0.00
86) Perylene-d12	15.427	264	281099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	698139	77.106	ng	0.00
7) Phenol-d6	6.410	99	860193	76.221	ng	0.00
23) Nitrobenzene-d5	7.333	82	531856	52.289	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	197210	68.523	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	968138	58.098	ng	0.00
79) Terphenyl-d14	12.898	244	707163	50.845	ng	0.00

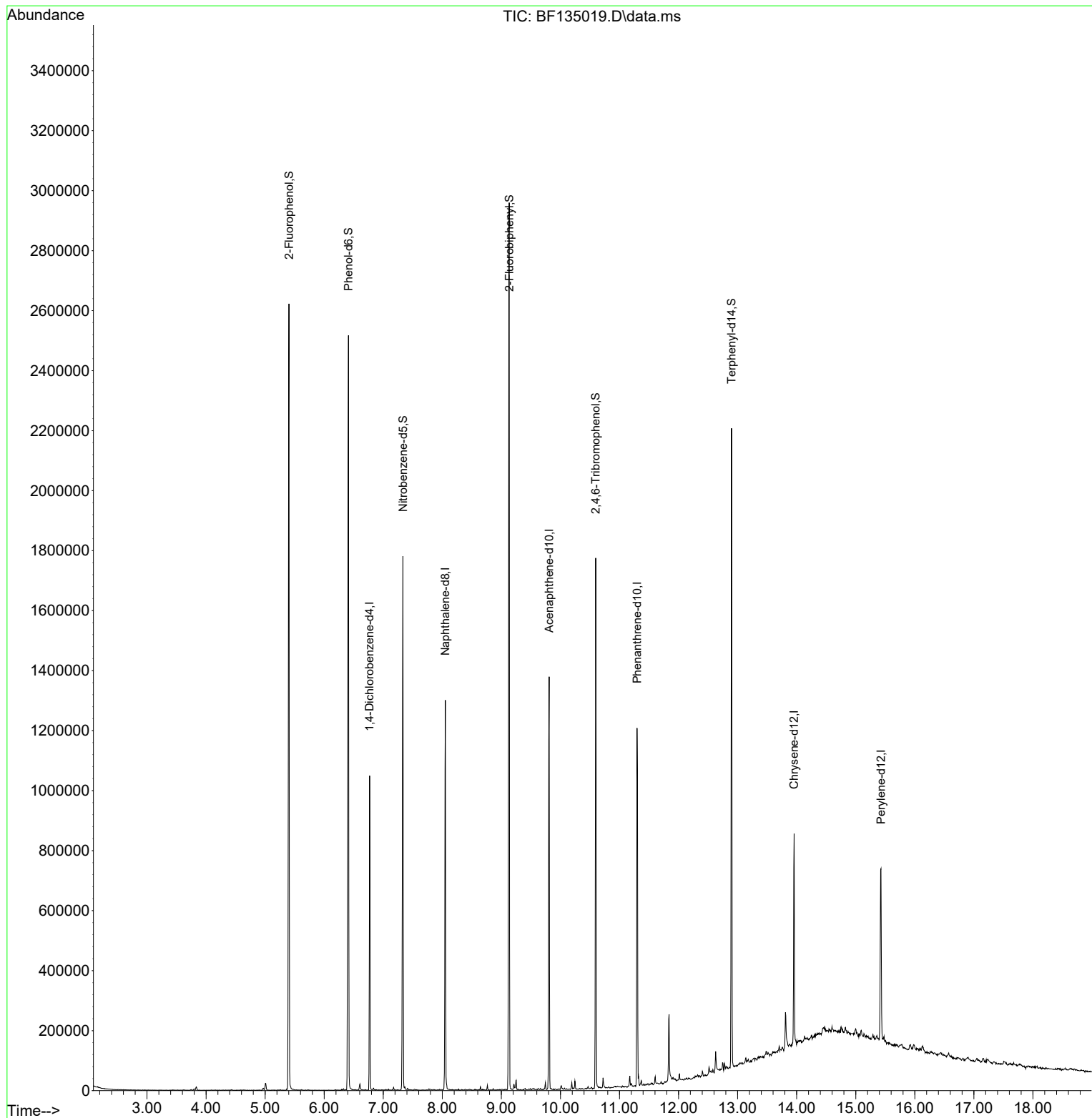
Target Compounds	Qvalue

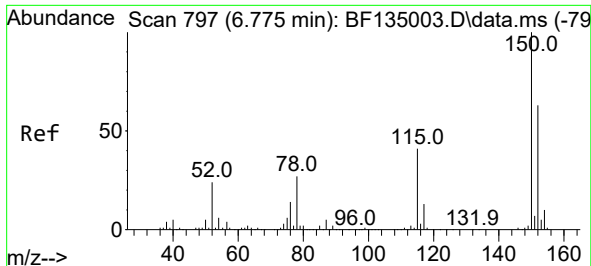
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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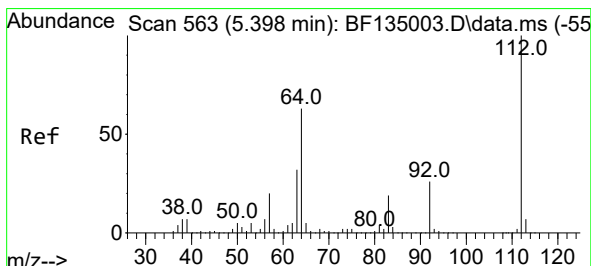
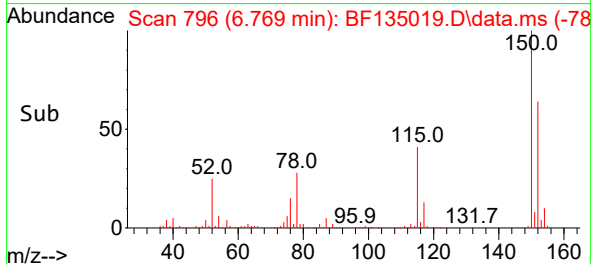
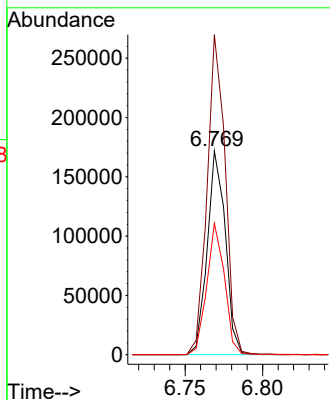
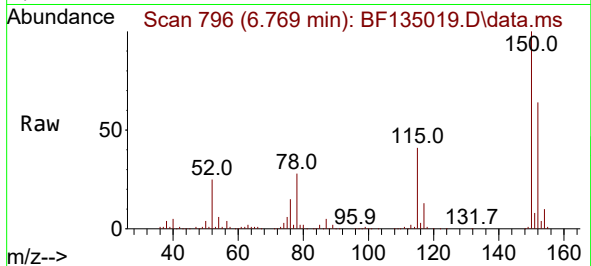




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

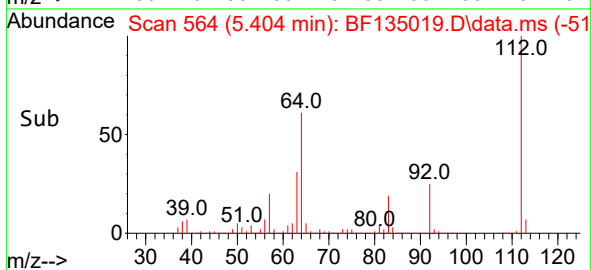
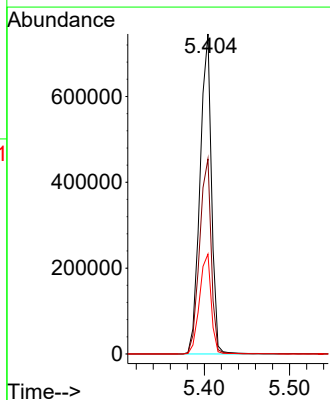
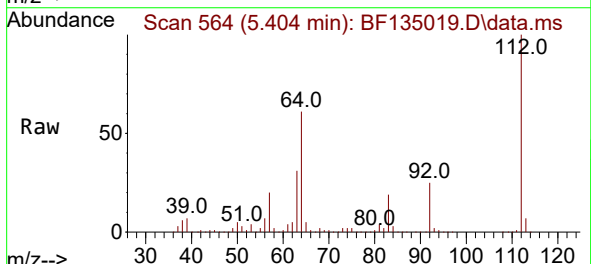
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

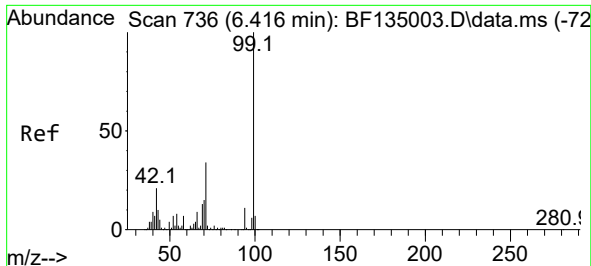
Tgt Ion:152 Resp: 139854
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.4
115 64.5 51.2 76.8



#5
2-Fluorophenol
Concen: 77.106 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion:112 Resp: 698139
Ion Ratio Lower Upper
112 100
64 60.9 50.5 75.7
63 31.2 25.9 38.9

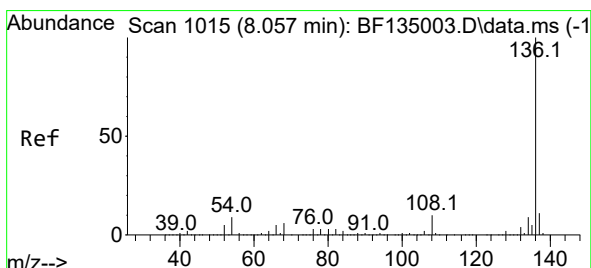
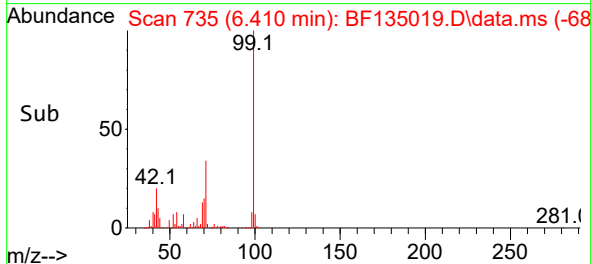
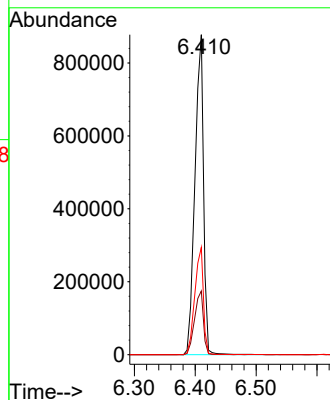
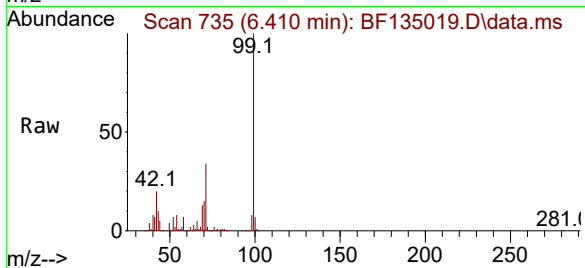




#7
Phenol-d6
Concen: 76.221 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

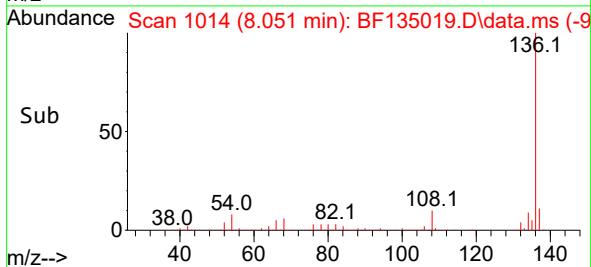
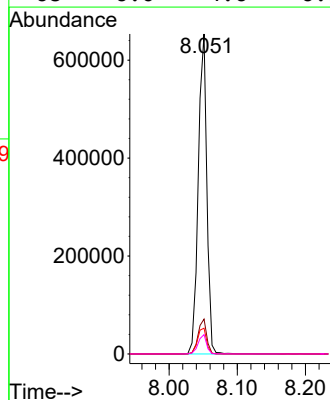
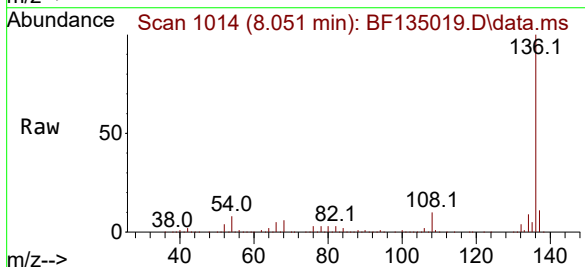
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01

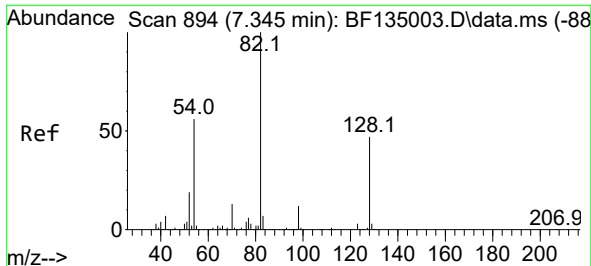
Tgt Ion: 99 Resp: 860193
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 33.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135019.D
Acq: 30 Aug 2023 23:11

Tgt Ion: 136 Resp: 571435
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 7.0 10.4
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.289 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135019.D

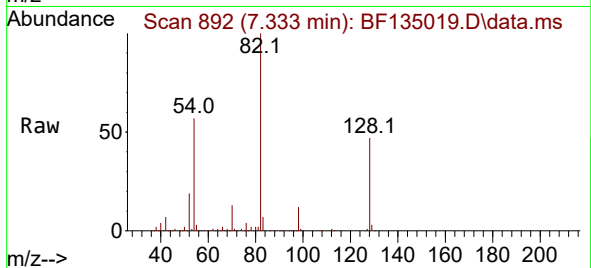
Acq: 30 Aug 2023 23:11

Instrument :

BNA_F

ClientSampleId :

WC-SCAS-01



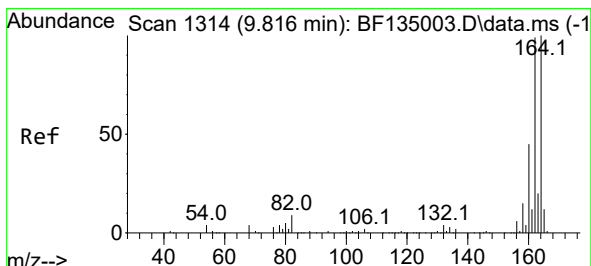
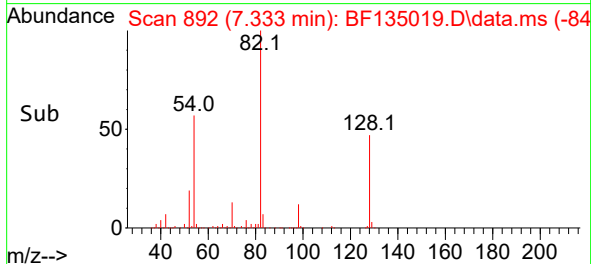
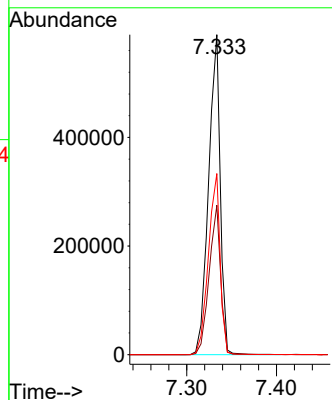
Tgt Ion: 82 Resp: 531856

Ion Ratio Lower Upper

82 100

128 46.7 37.8 56.8

54 56.6 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: BF135019.D

Acq: 30 Aug 2023 23:11

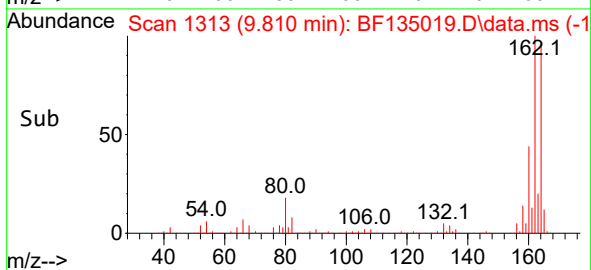
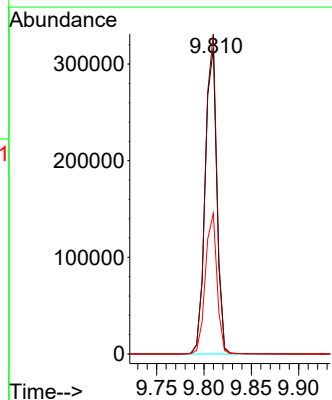
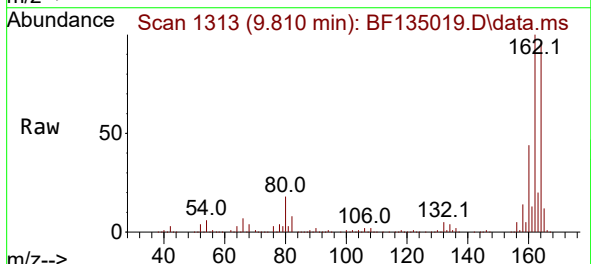
Tgt Ion: 164 Resp: 271307

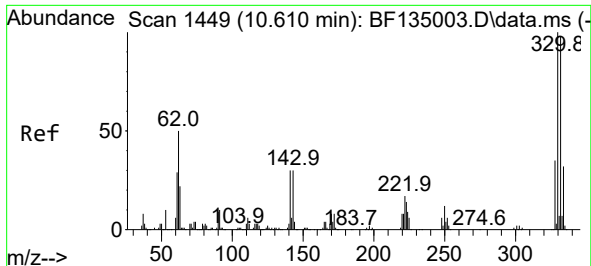
Ion Ratio Lower Upper

164 100

162 104.7 79.5 119.3

160 46.0 36.0 54.0

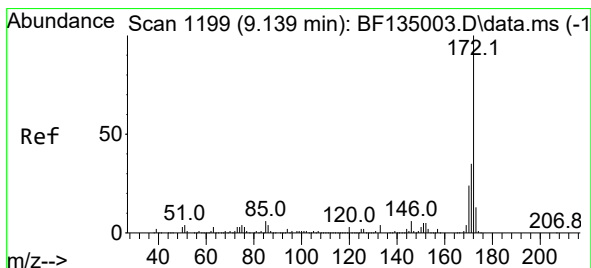
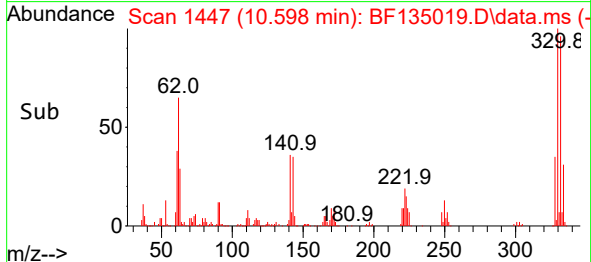
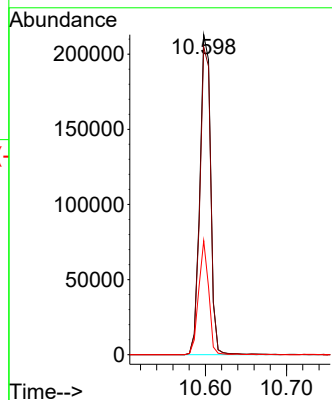
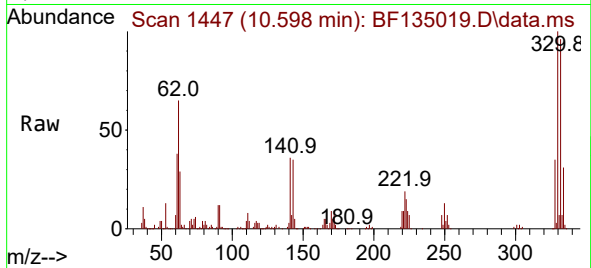




#42
 2,4,6-Tribromophenol
 Concen: 68.523 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135019.D
 Acq: 30 Aug 2023 23:11

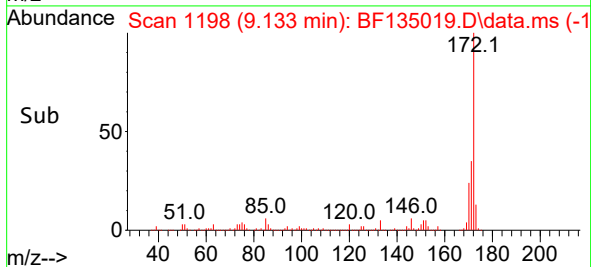
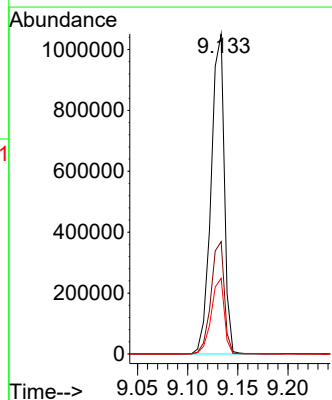
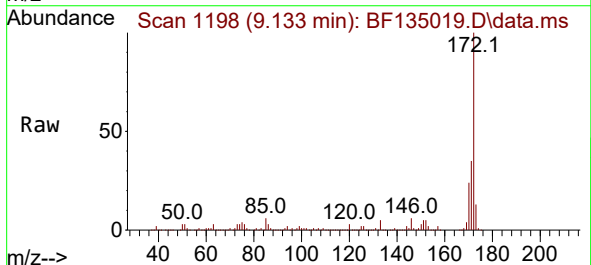
Instrument :
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 ClientSampleId :
 WC-SCAS-01

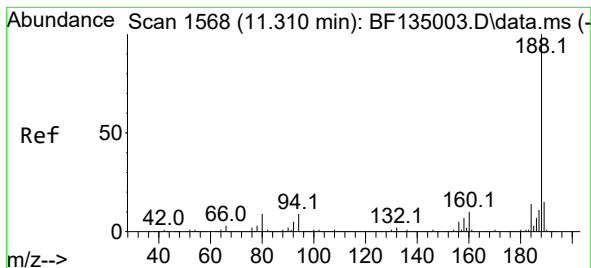
Tgt Ion:330 Resp: 197210
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 33.0 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 58.098 ng
 RT: 9.133 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF135019.D
 Acq: 30 Aug 2023 23:11

Tgt Ion:172 Resp: 968138
 Ion Ratio Lower Upper
 172 100
 171 35.1 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: BF135019.D

Acq: 30 Aug 2023 23:11

Instrument :

BNA_F

ClientSampleId :

WC-SCAS-01

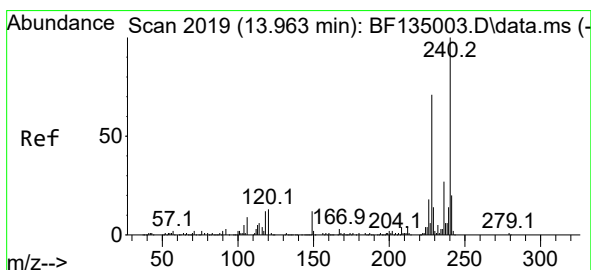
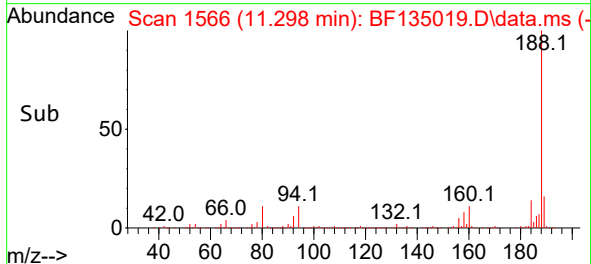
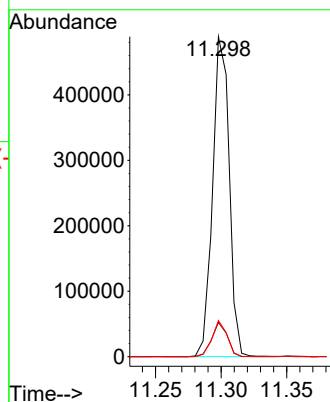
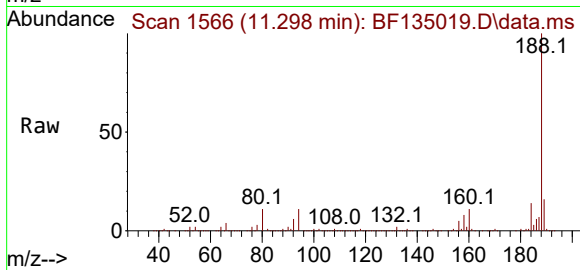
Tgt Ion:188 Resp: 430756

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.4#

80 11.3 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: BF135019.D

Acq: 30 Aug 2023 23:11

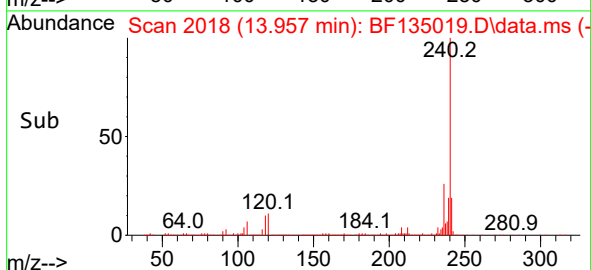
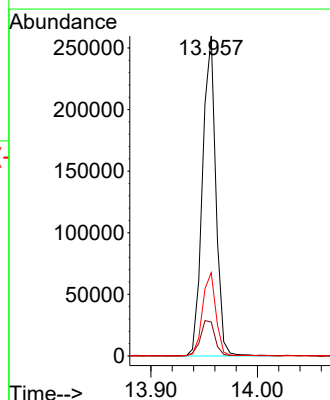
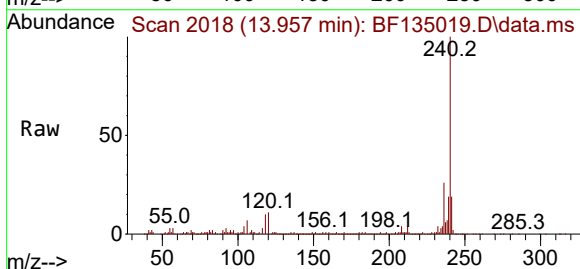
Tgt Ion:240 Resp: 226966

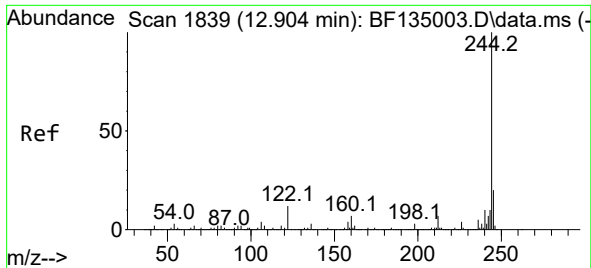
Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.2

236 26.0 21.3 31.9

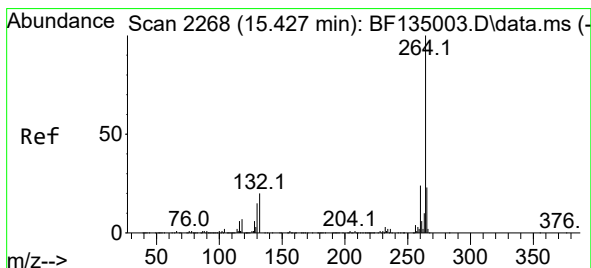
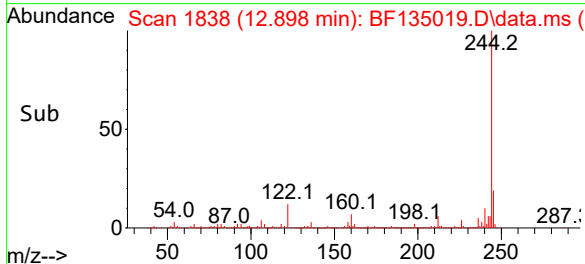
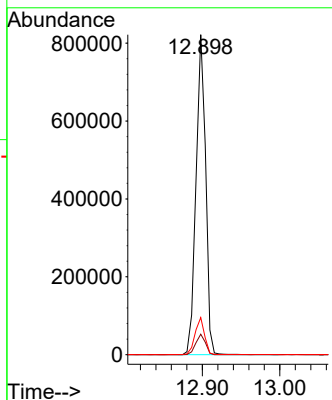
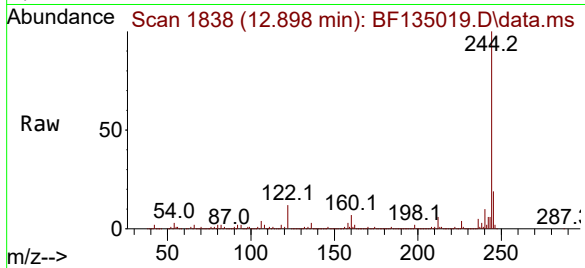




#79
 Terphenyl-d14
 Concen: 50.845 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135019.D
 Acq: 30 Aug 2023 23:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01

Tgt Ion:244 Resp: 707163
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.6 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: BF135019.D
 Acq: 30 Aug 2023 23:11

Tgt Ion:264 Resp: 281099
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.5 18.2 27.2

