

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135028.D
 Acq On : 31 Aug 2023 03:59
 Operator : CG\JU
 Sample : 04198-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-25

Quant Time: Aug 31 06:01:46 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	122991	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	472820	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	210125	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	306222	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	236444	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	214435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	880795	110.617	ng	0.01
7) Phenol-d6	6.410	99	1072208	108.033	ng	0.00
23) Nitrobenzene-d5	7.334	82	650868	77.336	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	208424	93.506	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	1093474	84.725	ng	0.00
79) Terphenyl-d14	12.898	244	864986	59.700	ng	0.00

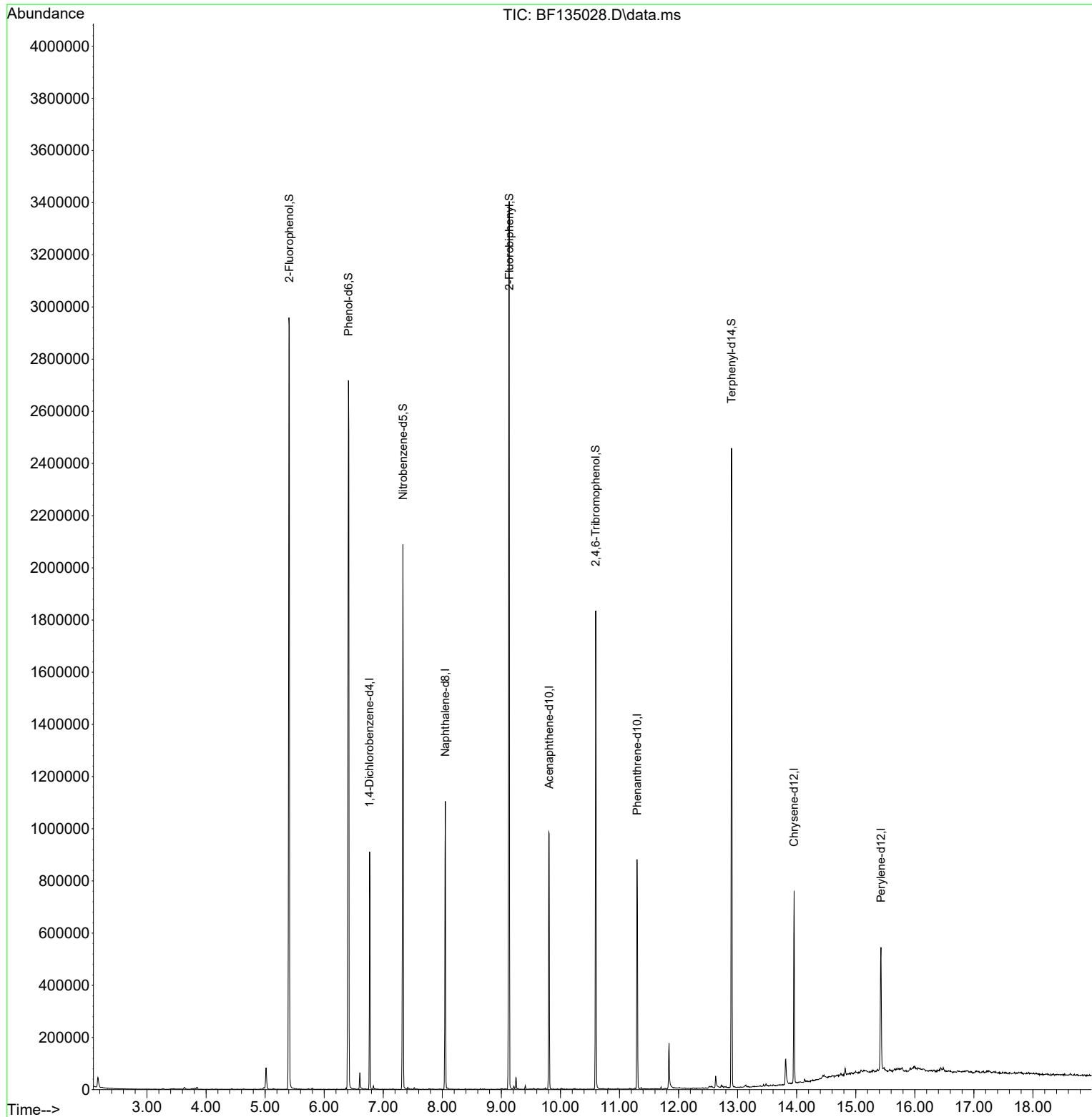
Target Compounds	Qvalue

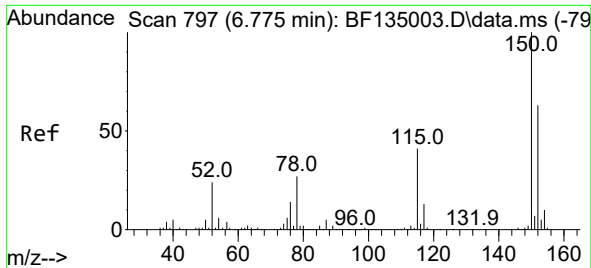
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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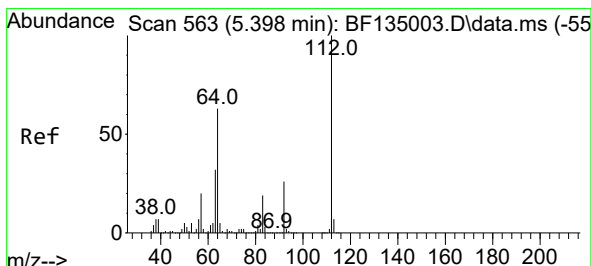
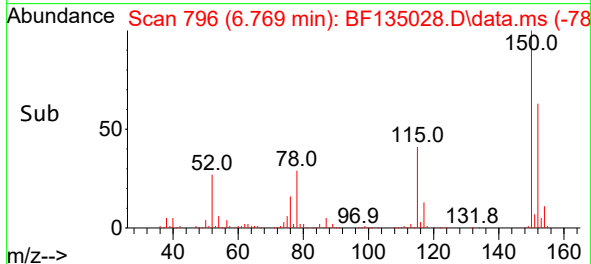
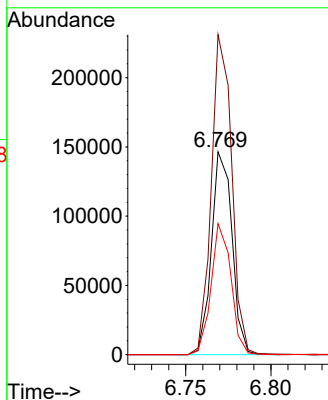
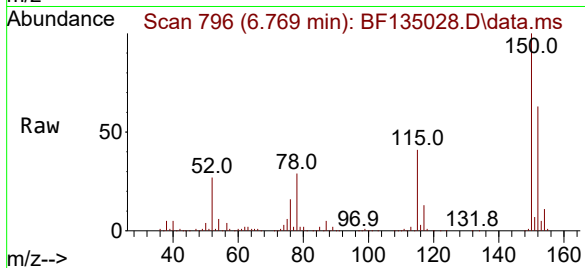




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

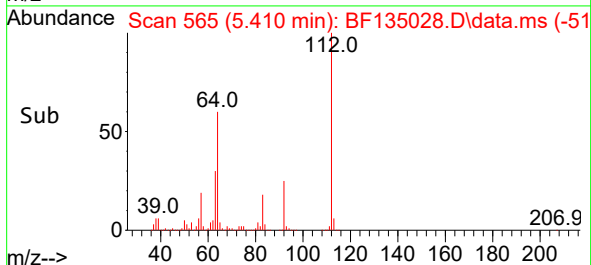
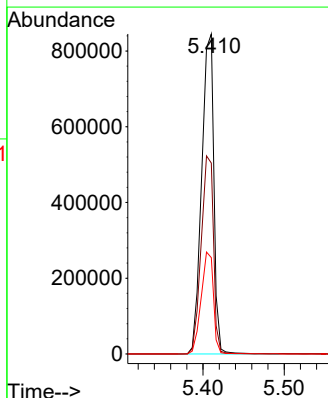
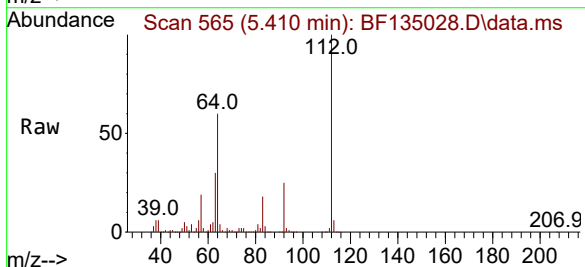
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

Tgt Ion:152 Resp: 122991
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.4
115 64.6 51.2 76.8



#5
2-Fluorophenol
Concen: 110.617 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:112 Resp: 880795
Ion Ratio Lower Upper
112 100
64 59.6 50.5 75.7
63 30.1 25.9 38.9

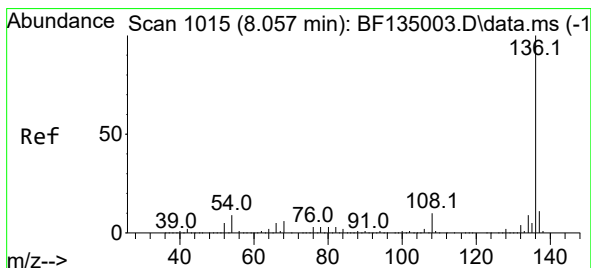
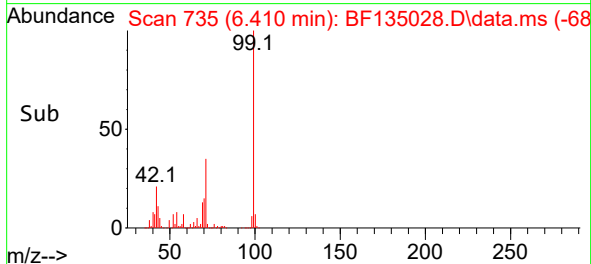
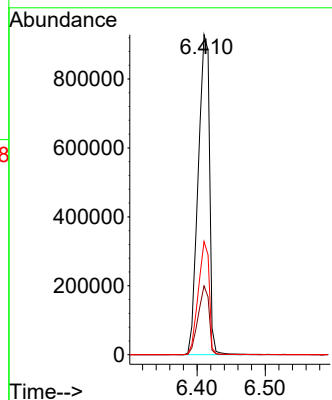
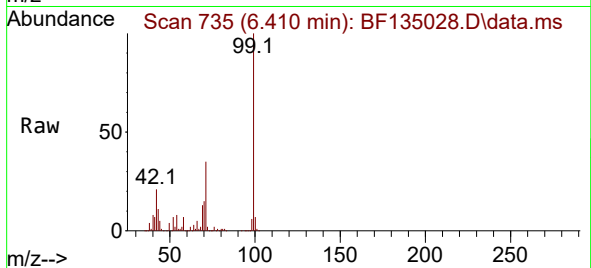




#7
Phenol-d6
Concen: 108.033 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

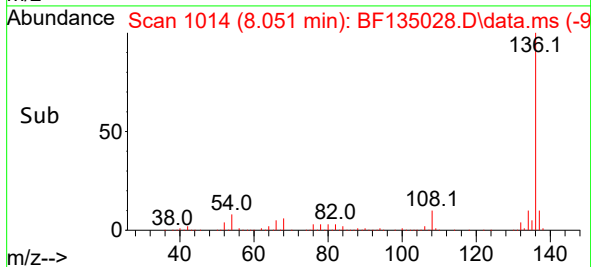
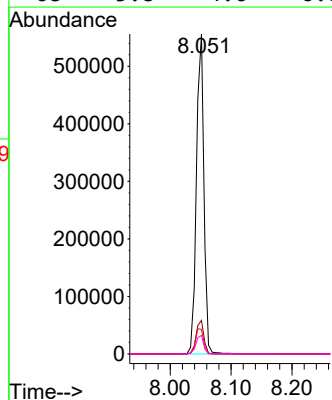
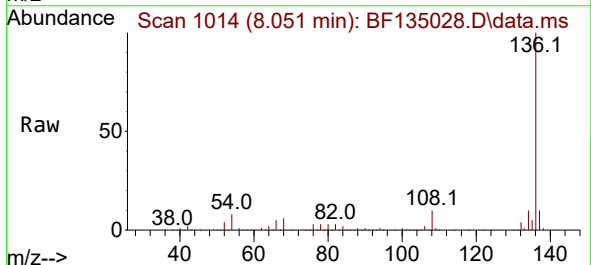
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

Tgt Ion: 99 Resp: 1072208
Ion Ratio Lower Upper
99 100
42 21.5 16.6 25.0
71 35.4 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: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion: 136 Resp: 472820
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.7 7.0 10.4
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 77.336 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135028.D

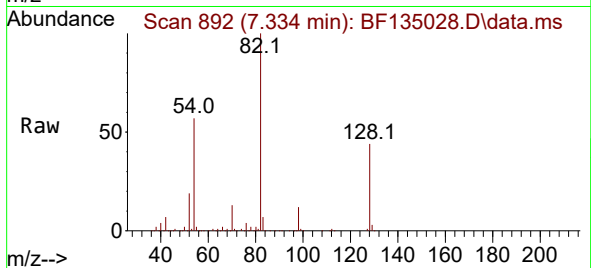
Acq: 31 Aug 2023 03:59

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-25



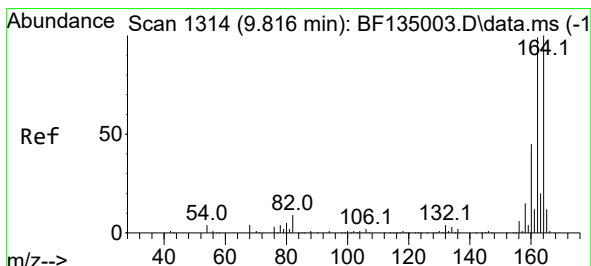
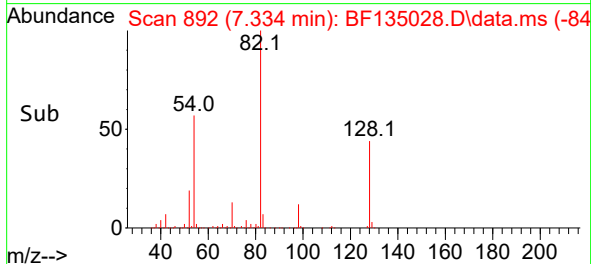
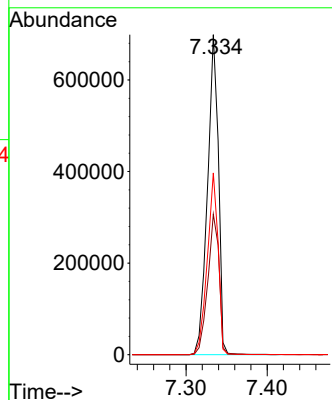
Tgt Ion: 82 Resp: 650868

Ion Ratio Lower Upper

82 100

128 43.9 37.8 56.8

54 56.8 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: BF135028.D

Acq: 31 Aug 2023 03:59

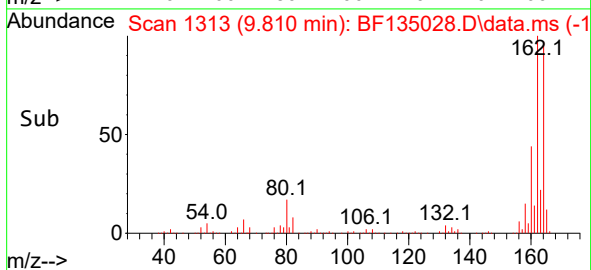
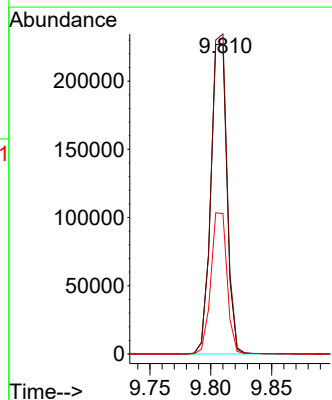
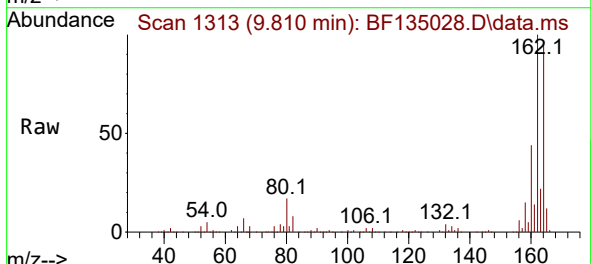
Tgt Ion: 164 Resp: 210125

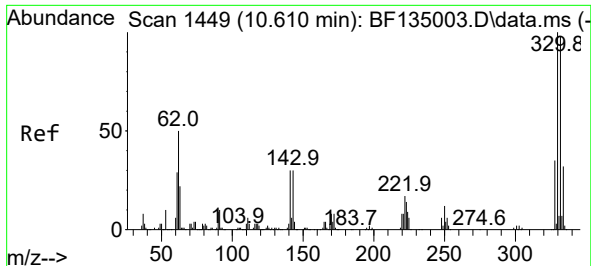
Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

160 45.3 36.0 54.0



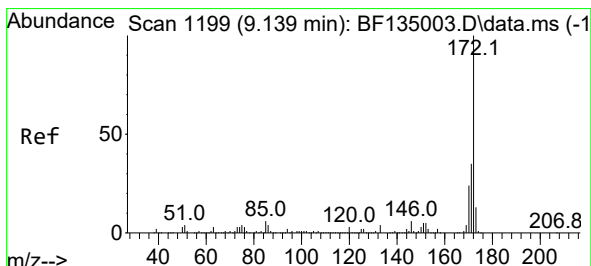
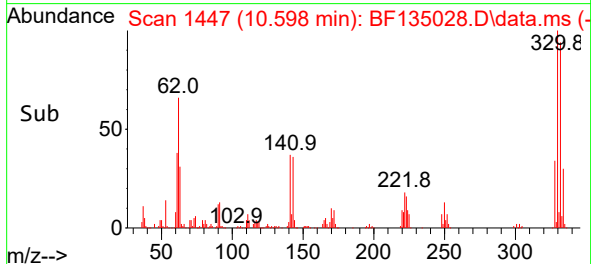
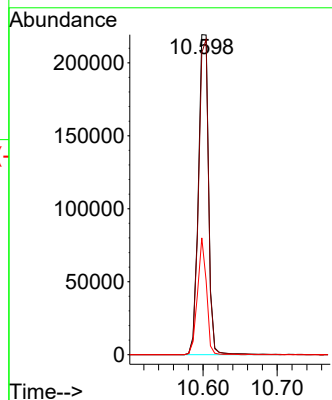
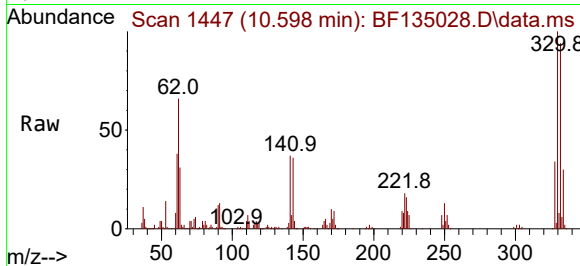


#42
 2,4,6-Tribromophenol
 Concen: 93.506 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135028.D
 Acq: 31 Aug 2023 03:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-25

Tgt Ion:330 Resp: 208424

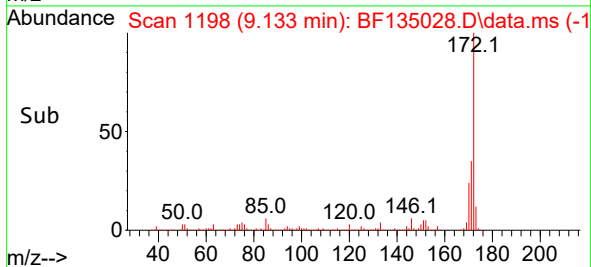
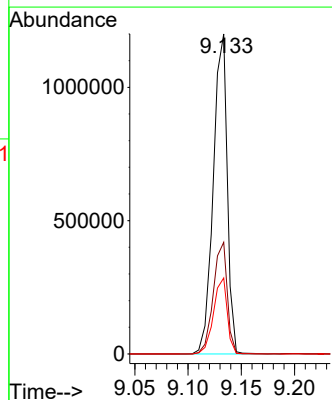
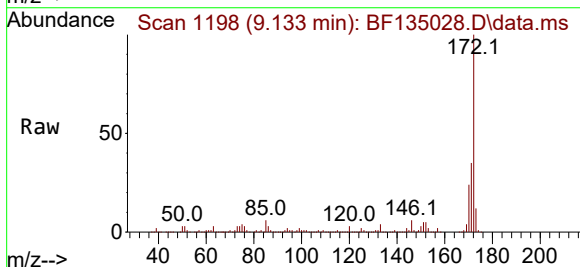
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	32.0	26.3	39.5

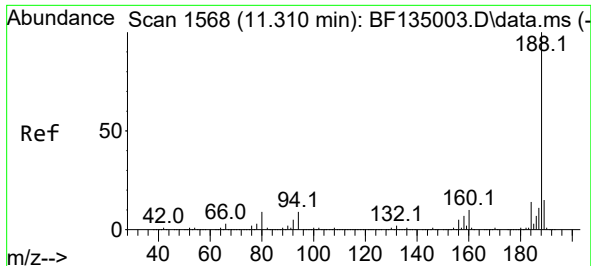


#45
 2-Fluorobiphenyl
 Concen: 84.725 ng
 RT: 9.133 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF135028.D
 Acq: 31 Aug 2023 03:59

Tgt Ion:172 Resp: 1093474

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.8	19.0	28.4

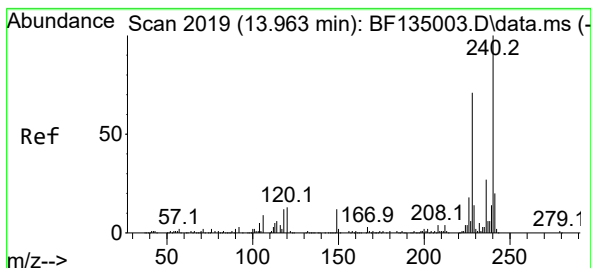
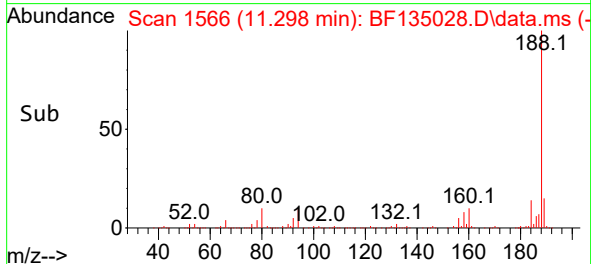
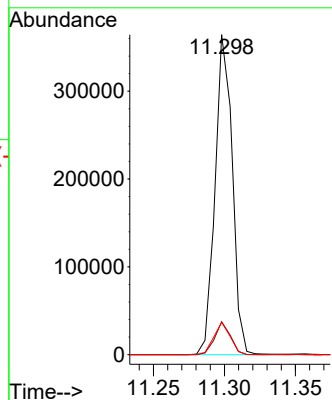
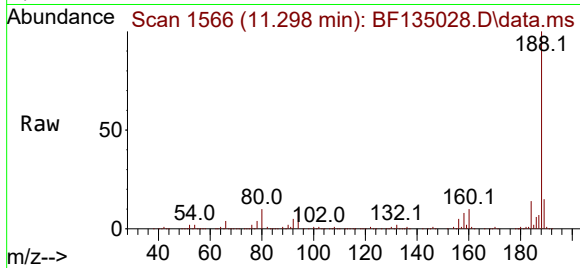




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

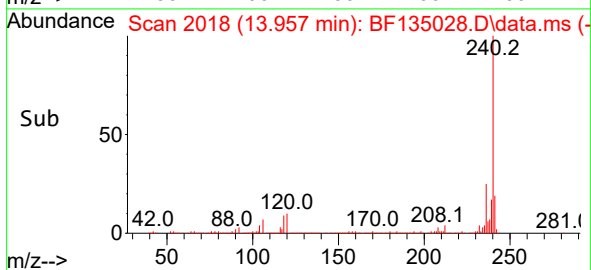
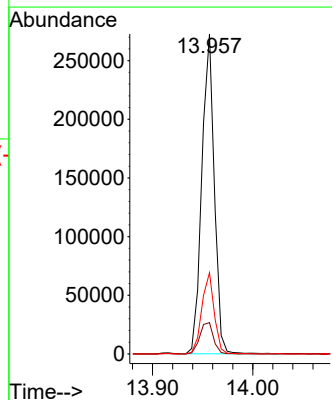
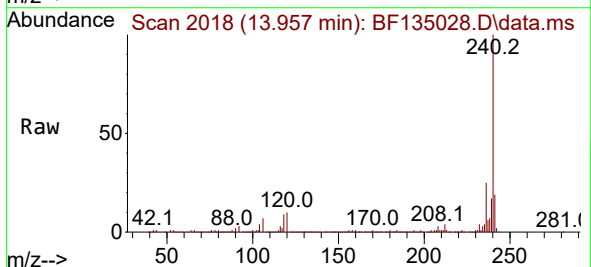
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

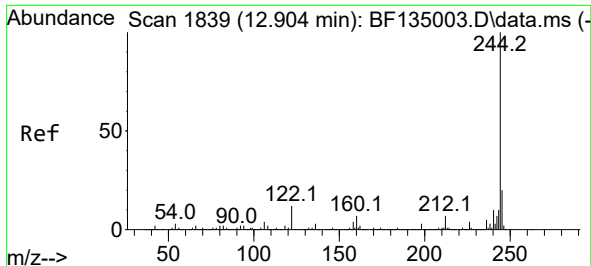
Tgt Ion:188 Resp: 306222
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 10.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:240 Resp: 236444
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.2#
236 25.4 21.3 31.9

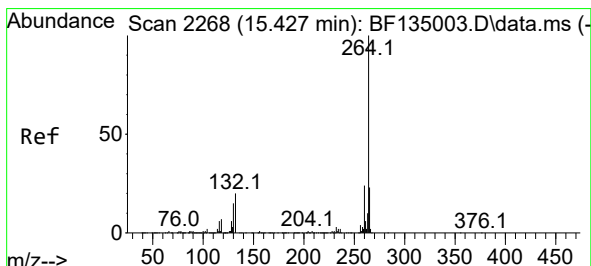
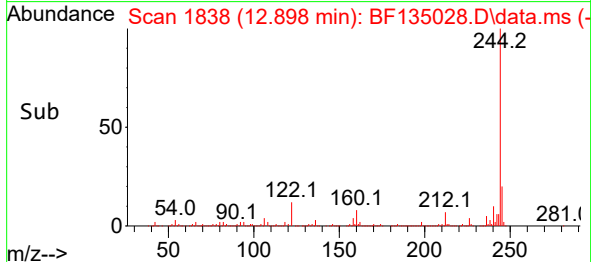
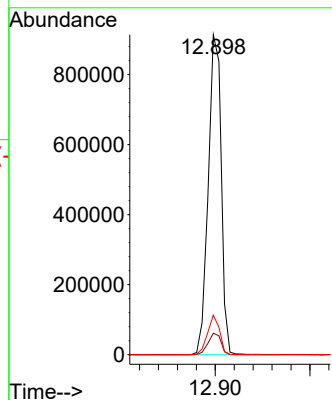
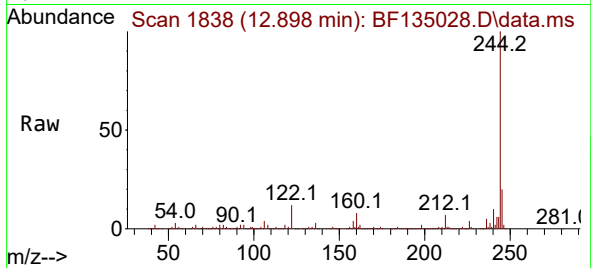




#79
 Terphenyl-d14
 Concen: 59.700 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135028.D
 Acq: 31 Aug 2023 03:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-25

Tgt Ion:244 Resp: 864986
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 12.4 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: BF135028.D
 Acq: 31 Aug 2023 03:59

Tgt Ion:264 Resp: 214435
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.1 18.2 27.2

