

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135121.D
 Acq On : 06 Sep 2023 06:03
 Operator : CG\JU
 Sample : 04202-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Sep 06 06:22:16 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)

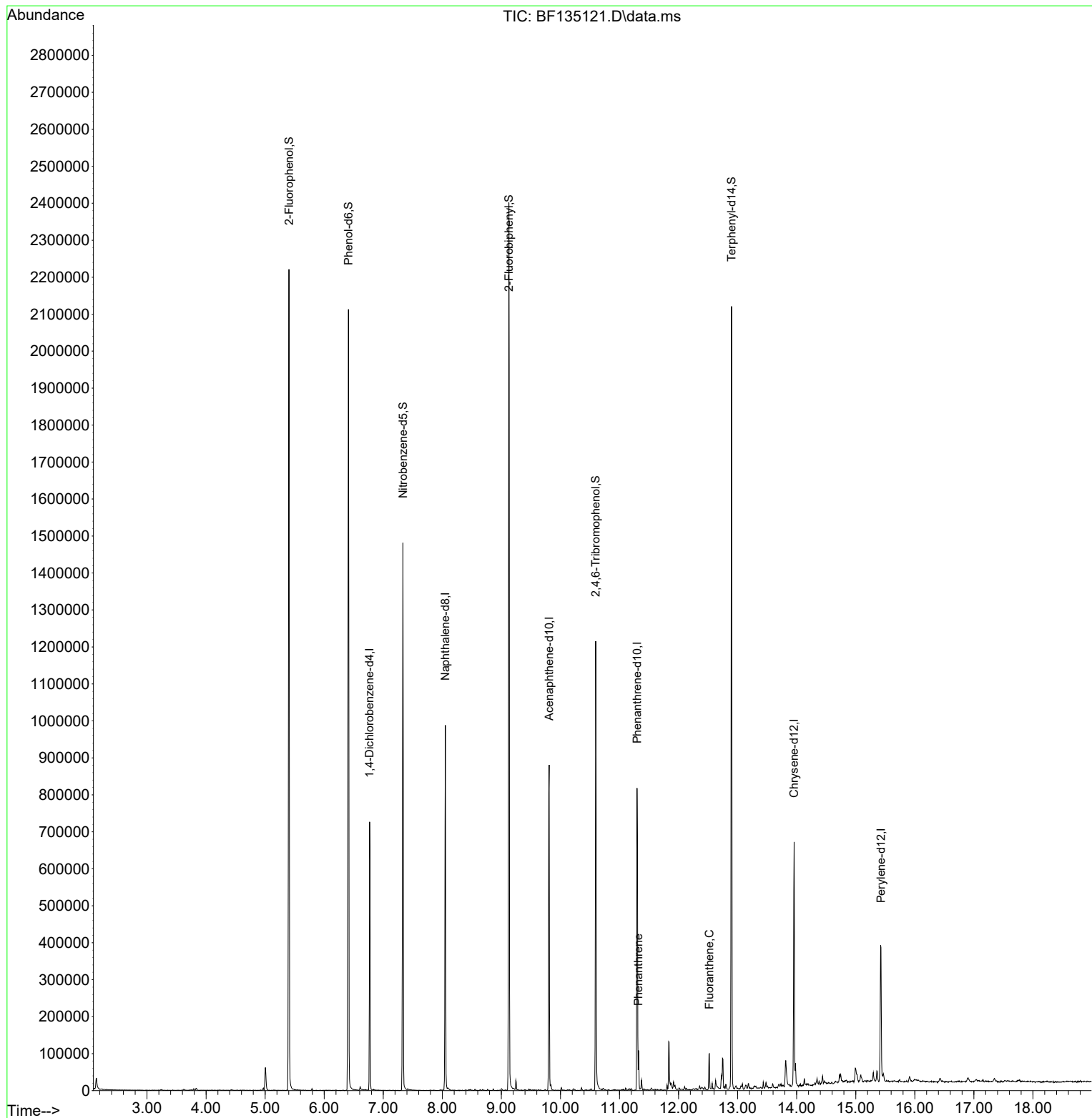
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	104127	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	419720	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	185745	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	296176	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	206284	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	179532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	567179	84.135	ng	0.00
7) Phenol-d6	6.410	99	705825	84.001	ng	0.00
23) Nitrobenzene-d5	7.334	82	450207	60.261	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	145269	73.727	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	750993	65.827	ng	-0.01
79) Terphenyl-d14	12.898	244	677691	53.612	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.322	178	35554	2.327	ng	98
75) Fluoranthene	12.521	202	41347	2.676	ng	95

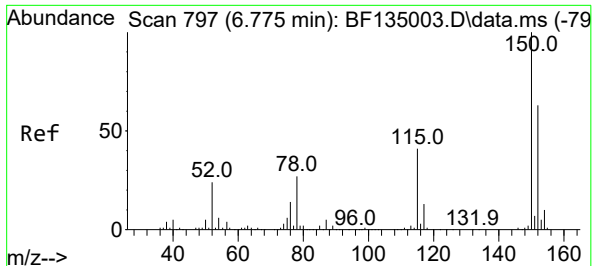
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 06:22:16 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

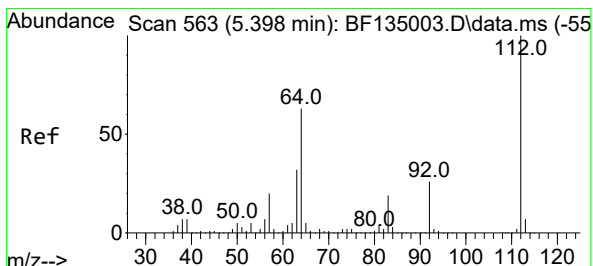
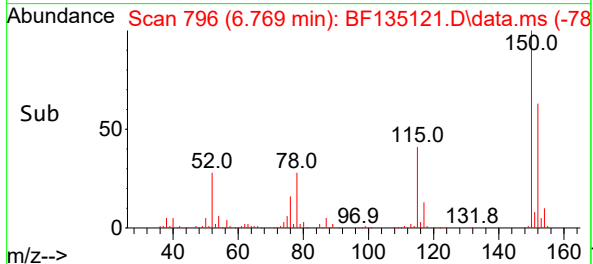
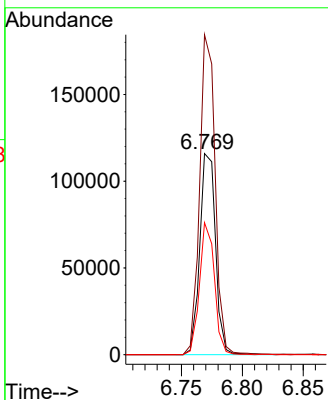
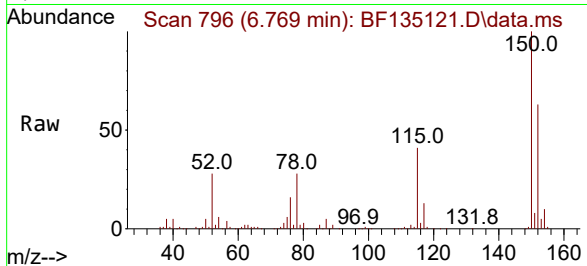




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135121.D
 Acq: 06 Sep 2023 06:03

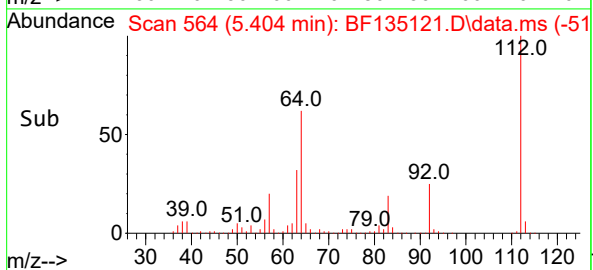
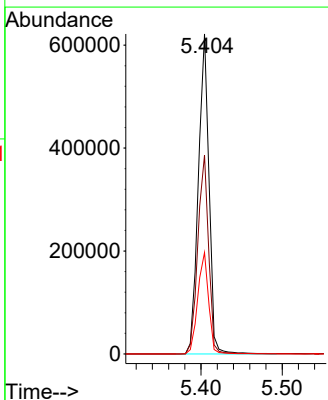
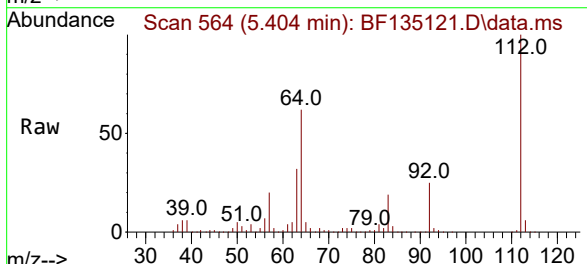
Instrument :
 BNA_F
 ClientSampleId :
 C-2

Tgt Ion:152 Resp: 104127
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.4
 115 65.7 51.2 76.8



#5
 2-Fluorophenol
 Concen: 84.135 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF135121.D
 Acq: 06 Sep 2023 06:03

Tgt Ion:112 Resp: 567179
 Ion Ratio Lower Upper
 112 100
 64 62.1 50.5 75.7
 63 31.7 25.9 38.9

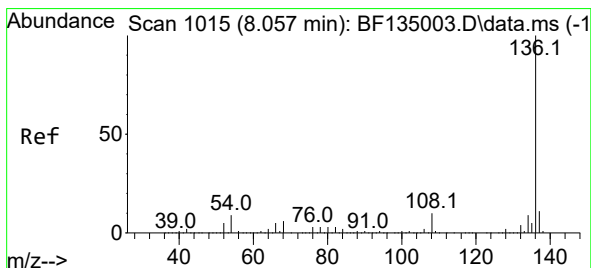
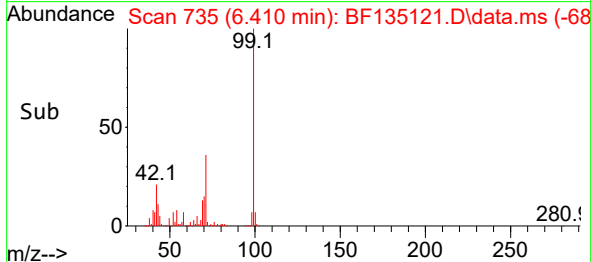
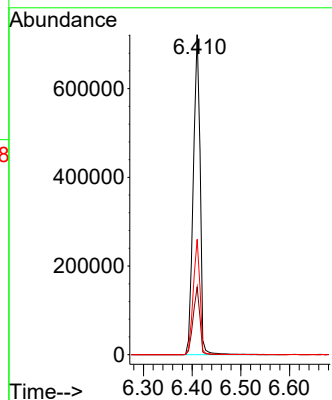
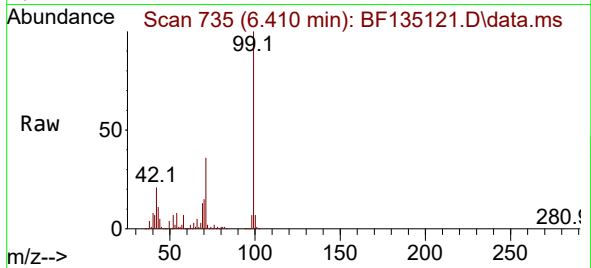




#7
Phenol-d6
Concen: 84.001 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

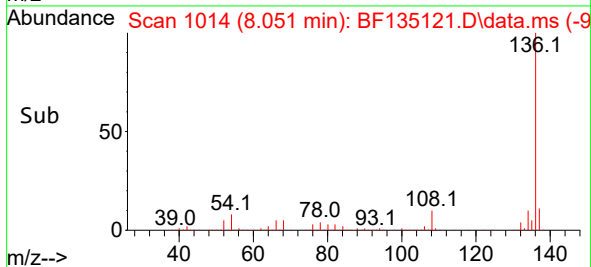
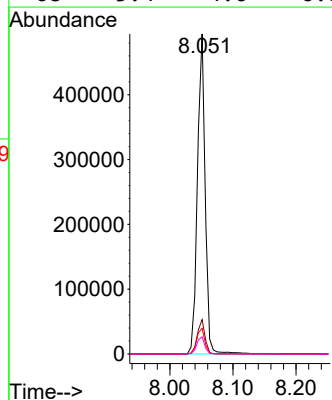
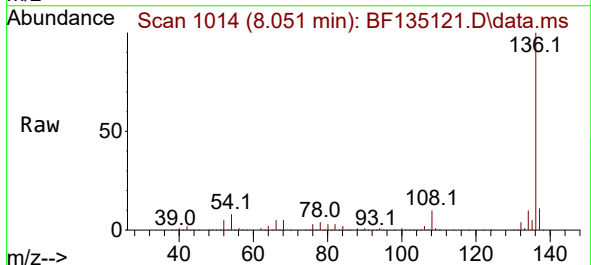
Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion: 99 Resp: 705825
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: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion: 136 Resp: 419720
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 60.261 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

Instrument :

BNA_F

ClientSampleId :

C-2

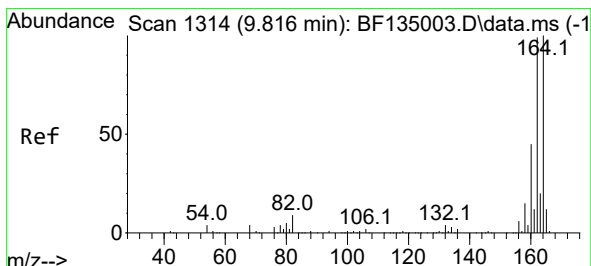
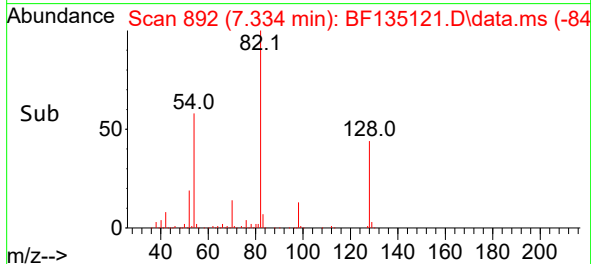
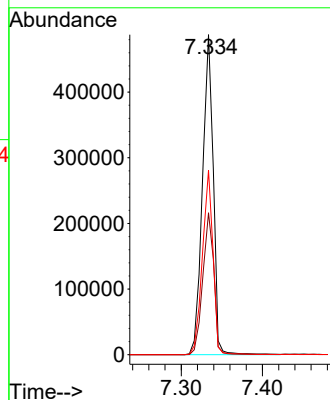
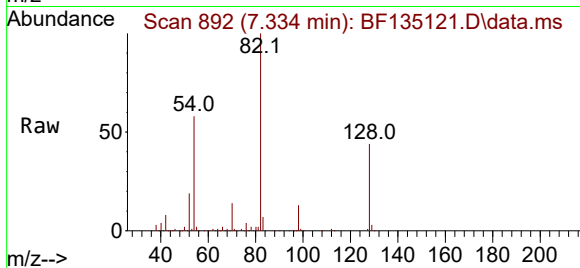
Tgt Ion: 82 Resp: 450207

Ion Ratio Lower Upper

82 100

128 44.3 37.8 56.8

54 57.7 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: BF135121.D

Acq: 06 Sep 2023 06:03

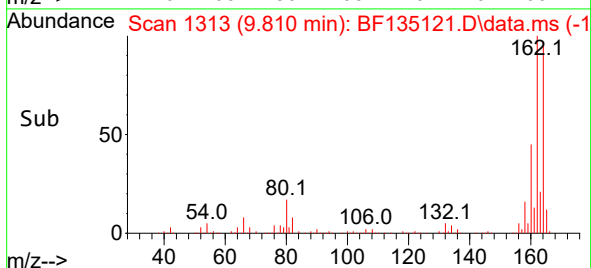
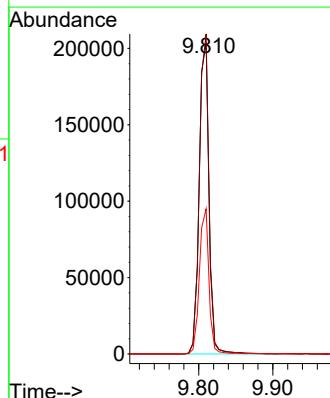
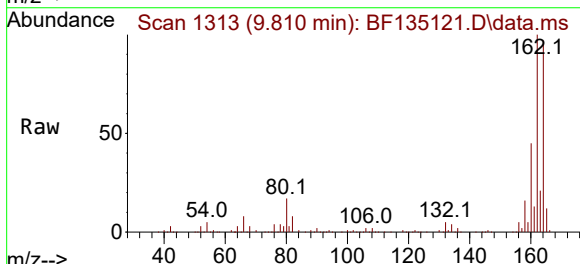
Tgt Ion: 164 Resp: 185745

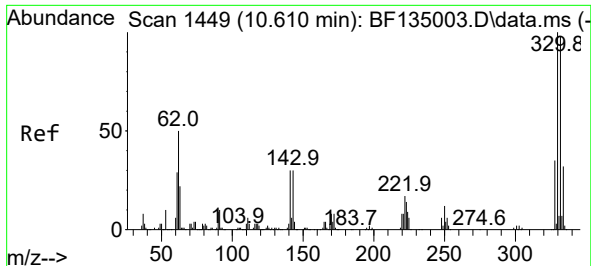
Ion Ratio Lower Upper

164 100

162 102.8 79.5 119.3

160 46.6 36.0 54.0



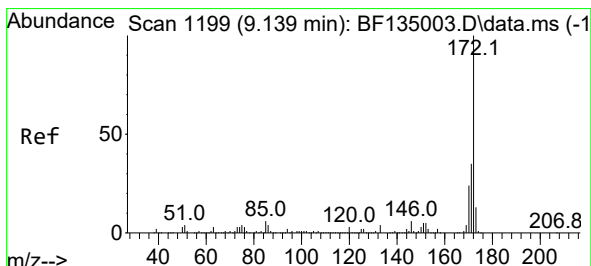
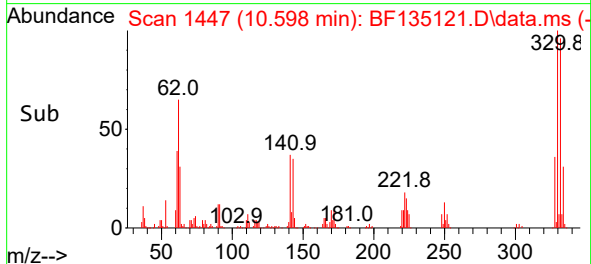
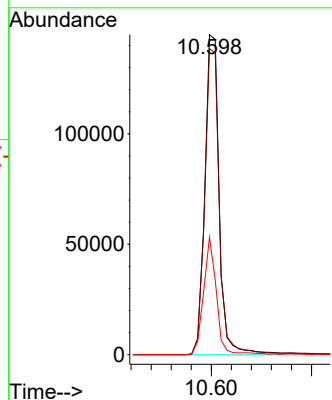
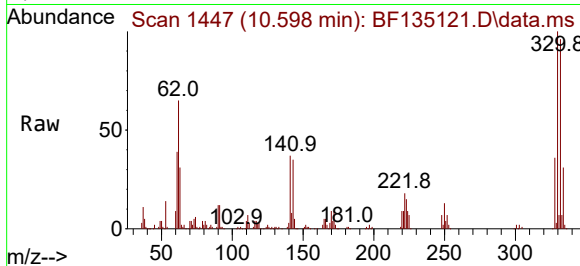


#42
 2,4,6-Tribromophenol
 Concen: 73.727 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135121.D
 Acq: 06 Sep 2023 06:03

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Tgt Ion:330 Resp: 145269

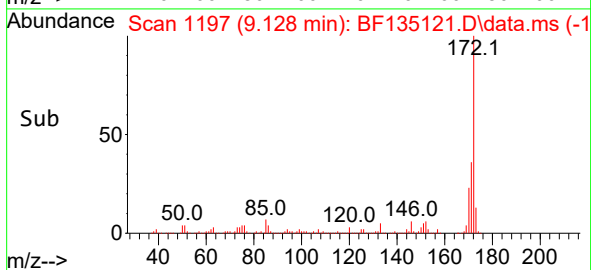
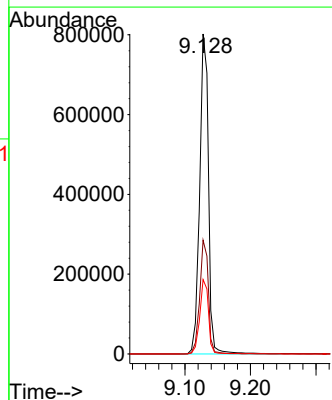
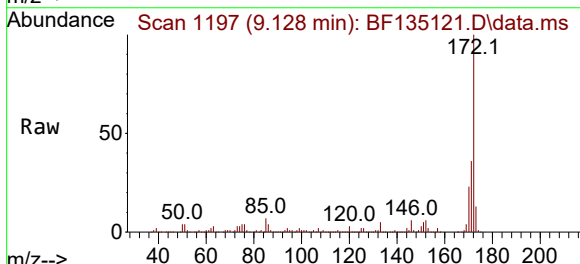
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	32.9	26.3	39.5

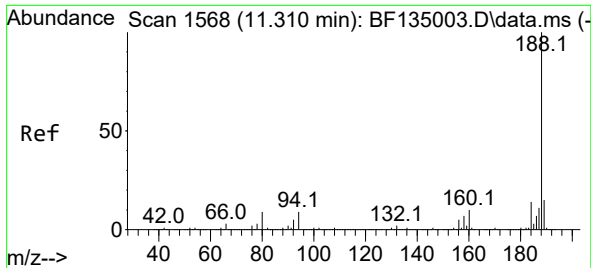


#45
 2-Fluorobiphenyl
 Concen: 65.827 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF135121.D
 Acq: 06 Sep 2023 06:03

Tgt Ion:172 Resp: 750993

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.2	19.0	28.4

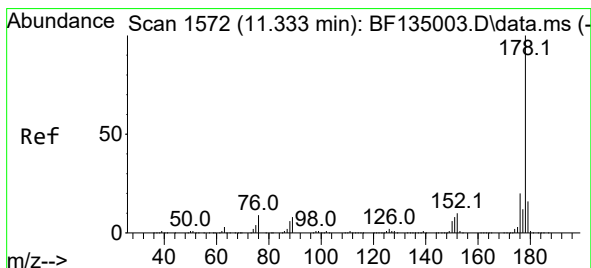
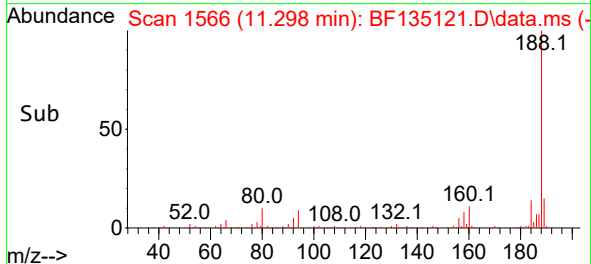
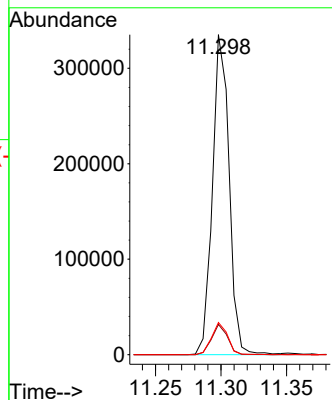
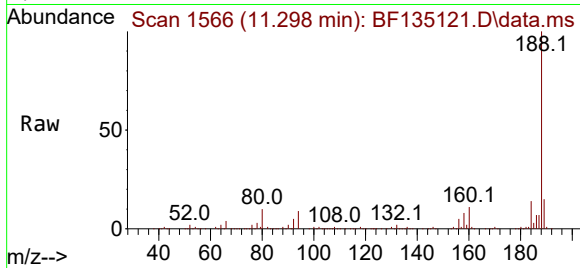




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

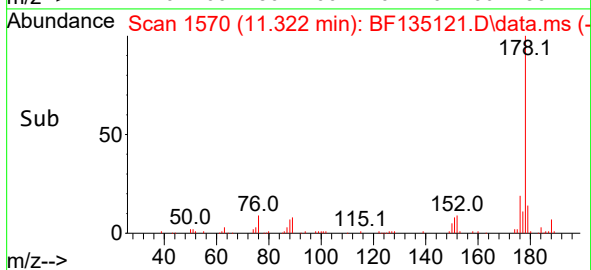
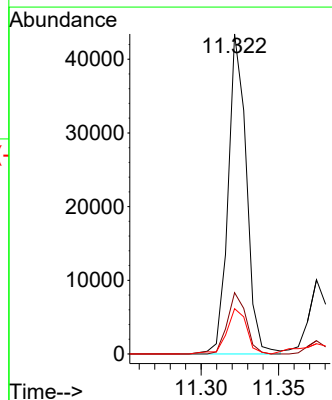
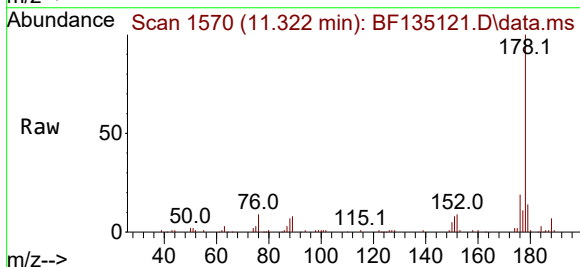
Instrument :
BNA_F
ClientSampleId :
C-2

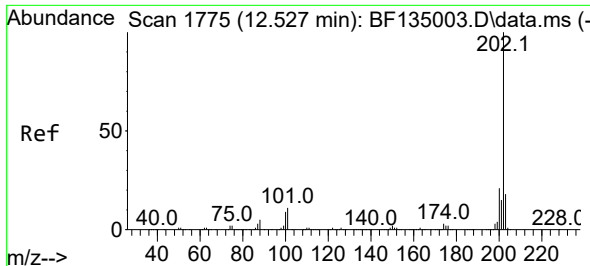
Tgt Ion:188 Resp: 296176
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.1 7.4 11.2



#71
Phenanthrene
Concen: 2.327 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion:178 Resp: 35554
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.2 12.5 18.7

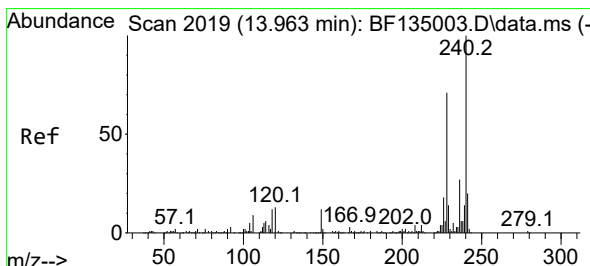
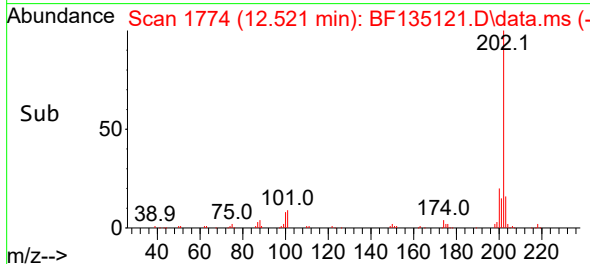
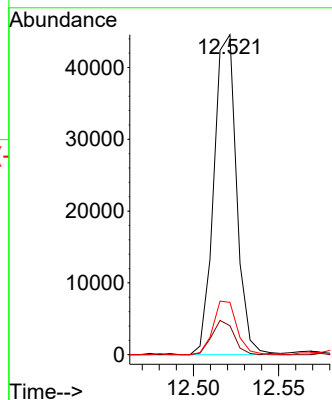
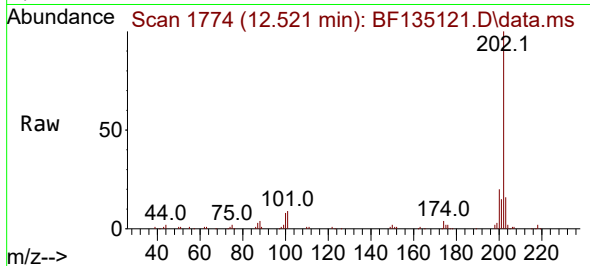




#75
Fluoranthene
Concen: 2.676 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

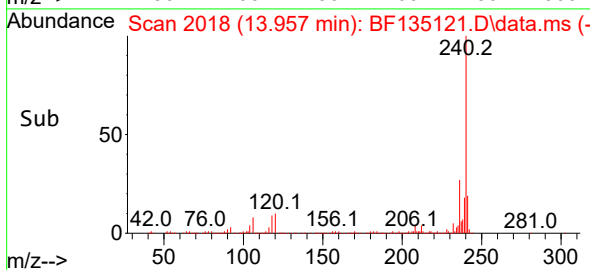
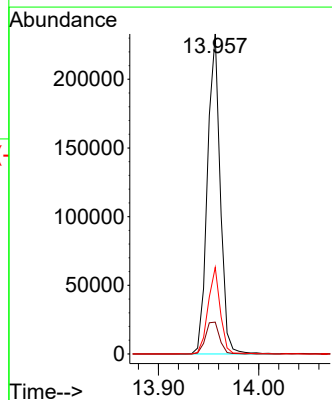
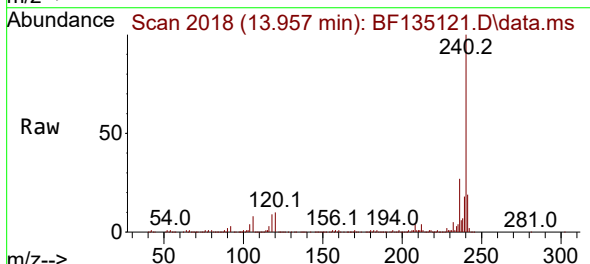
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BNA_F
ClientSampleId :
C-2

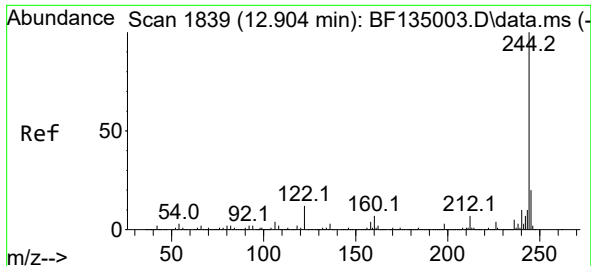
Tgt Ion:202 Resp: 41347
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.5
203 16.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

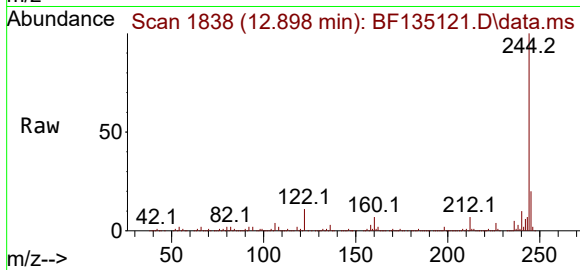
Tgt Ion:240 Resp: 206284
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.2#
236 27.0 21.3 31.9



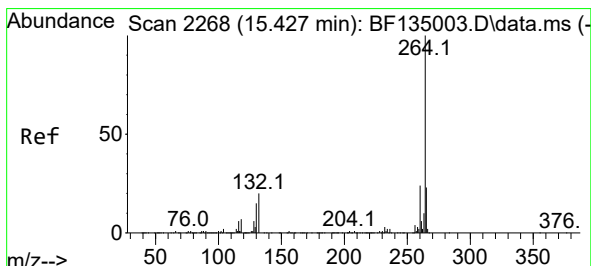
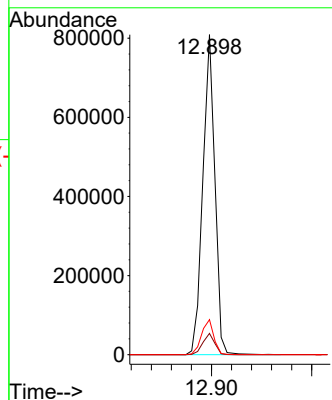
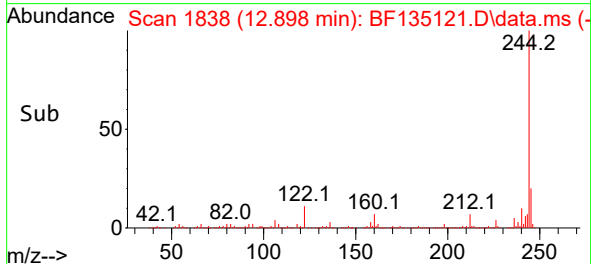


#79
 Terphenyl-d14
 Concen: 53.612 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135121.D
 Acq: 06 Sep 2023 06:03

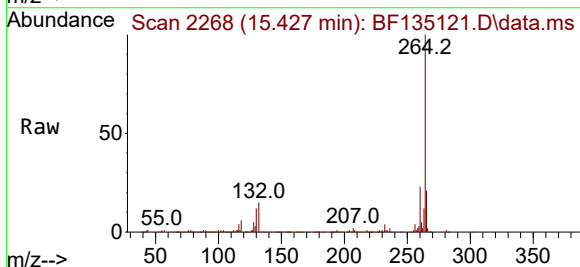
Instrument :
 BNA_F
 ClientSampleId :
 C-2



Tgt Ion:244 Resp: 677691
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 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: BF135121.D
 Acq: 06 Sep 2023 06:03



Tgt Ion:264 Resp: 179532
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 20.7 18.2 27.2

