

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134818.D
 Acq On : 17 Aug 2023 11:43
 Operator : CG\JU
 Sample : PB154866BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154866BL

Quant Time: Aug 18 01:04:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153447	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	622132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	326058	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	609711	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	334389	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	367965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1386107	137.313	ng	0.02
7) Phenol-d6	6.445	99	1717695	133.114	ng	0.00
23) Nitrobenzene-d5	7.363	82	1115201	112.021	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	542741	163.287	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1954049	99.644	ng	0.00
79) Terphenyl-d14	12.921	244	2240325	118.108	ng	0.00

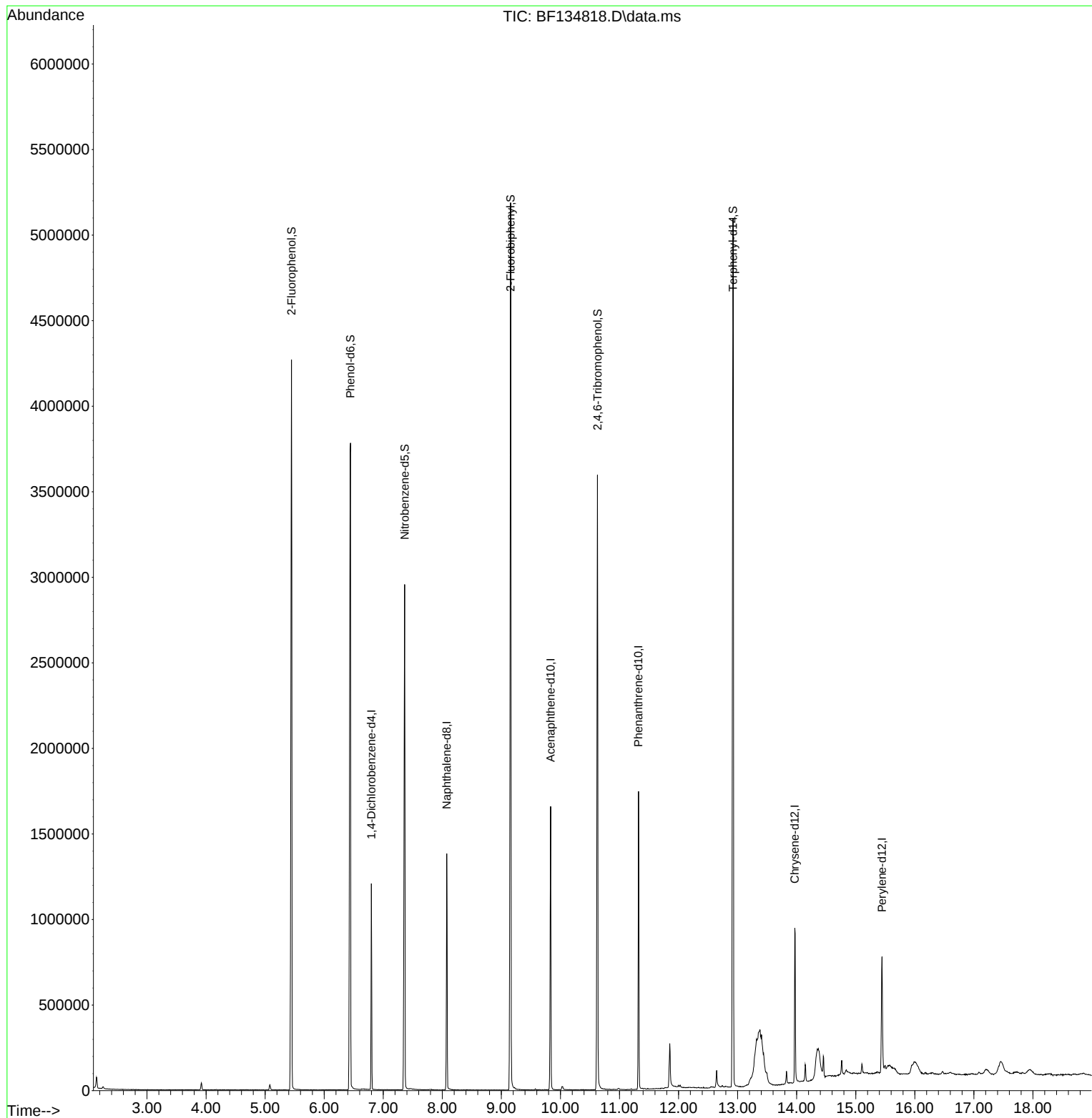
Target Compounds	Qvalue

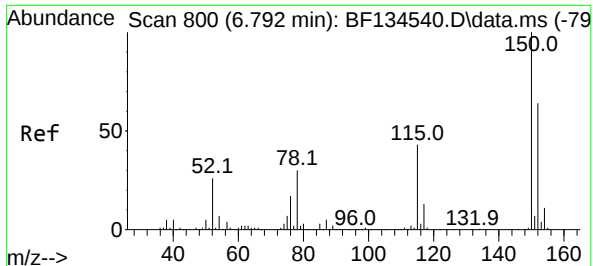
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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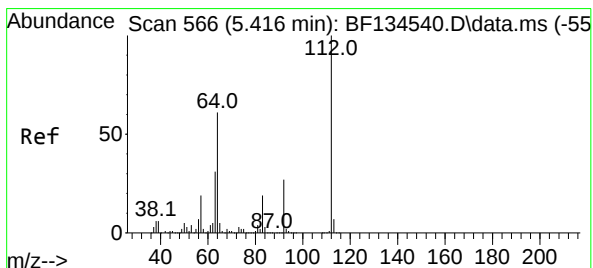
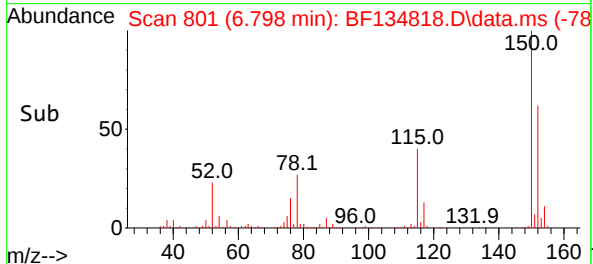
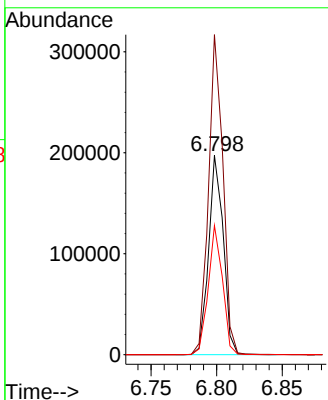
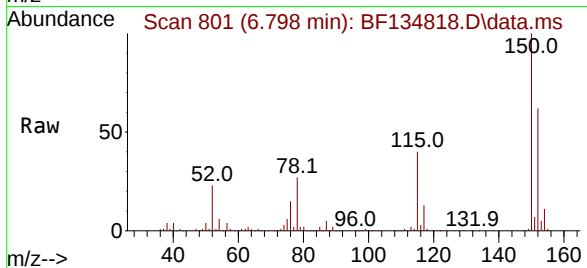




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

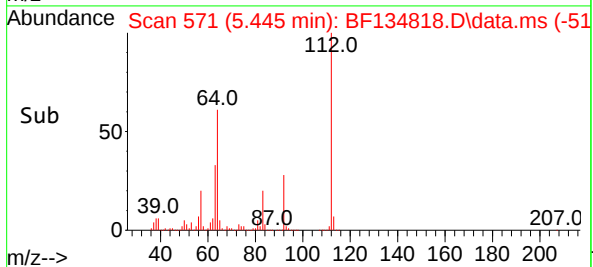
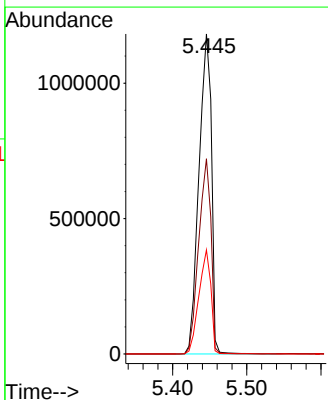
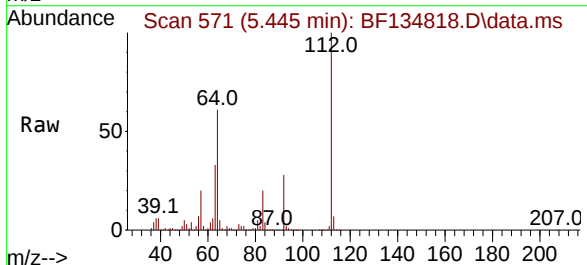
Instrument :
BNA_F
ClientSampleId :
PB154866BL

Tgt Ion:152 Resp: 153447
Ion Ratio Lower Upper
152 100
150 160.7 128.3 192.5
115 64.8 52.4 78.6



#5
2-Fluorophenol
Concen: 137.313 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:112 Resp: 1386107
Ion Ratio Lower Upper
112 100
64 61.0 44.9 67.3
63 32.5 25.4 38.0

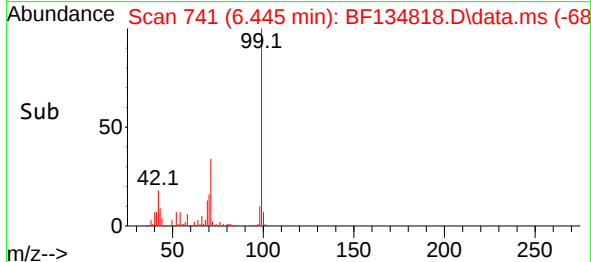
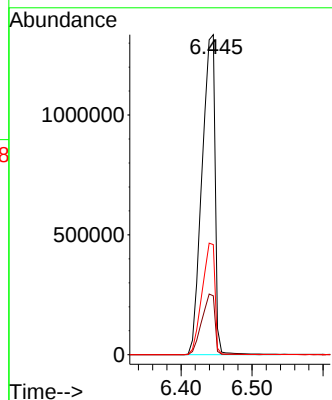
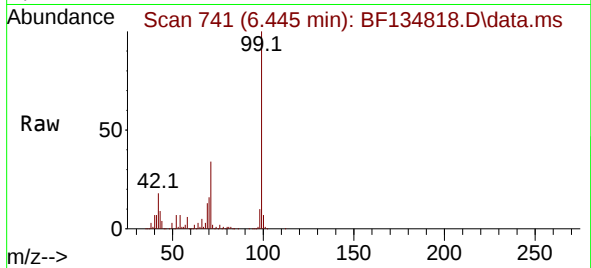




#7
Phenol-d6
Concen: 133.114 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

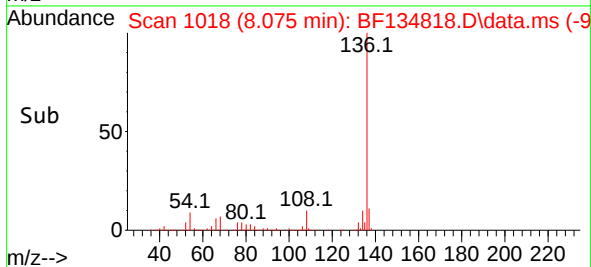
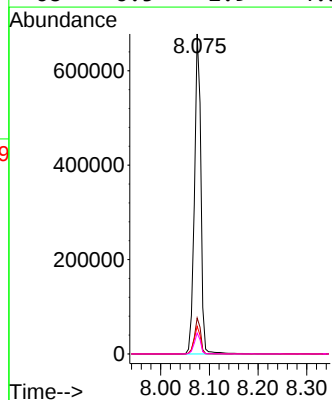
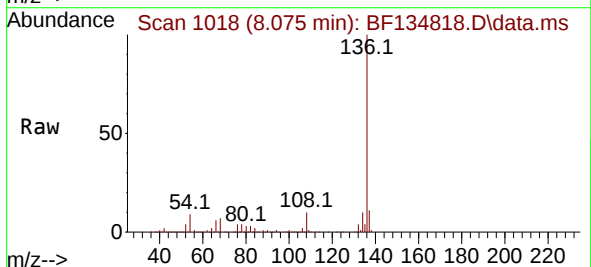
Instrument :
BNA_F
ClientSampleId :
PB154866BL

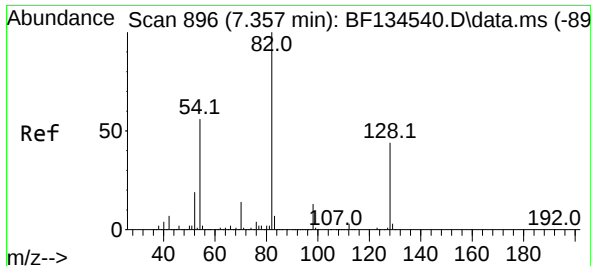
Tgt Ion: 99 Resp: 1717695
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 34.4 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion: 136 Resp: 622132
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.6 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 112.021 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Instrument :

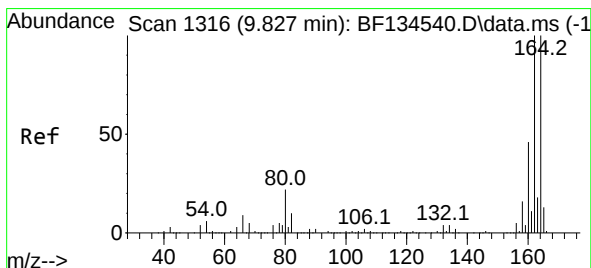
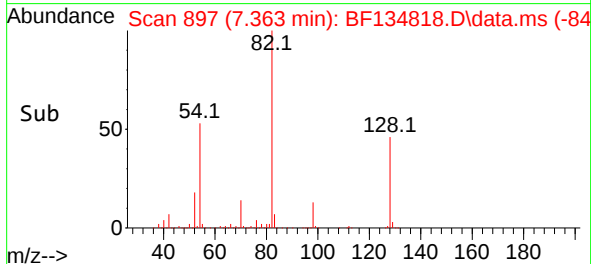
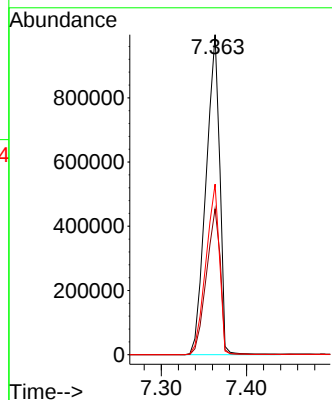
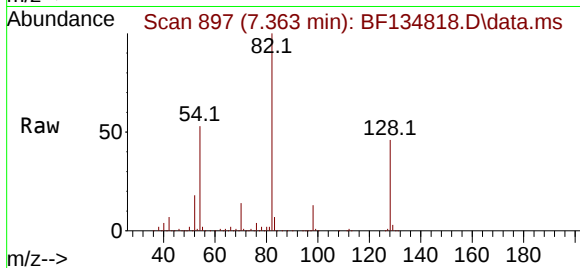
BNA_F

ClientSampleId :

PB154866BL

Tgt Ion: 82 Resp: 1115201

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.3	51.5
54	53.3	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

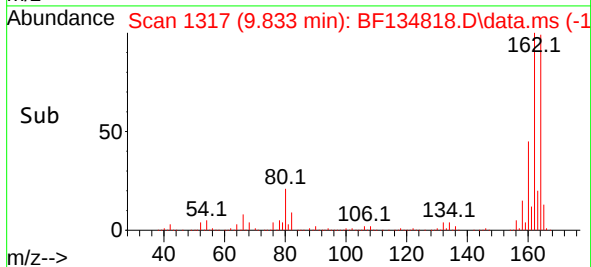
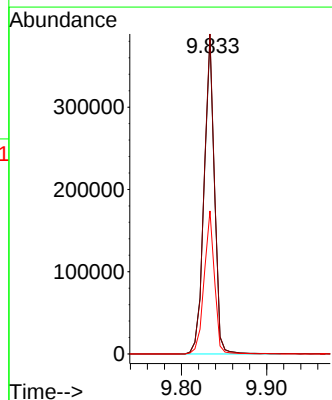
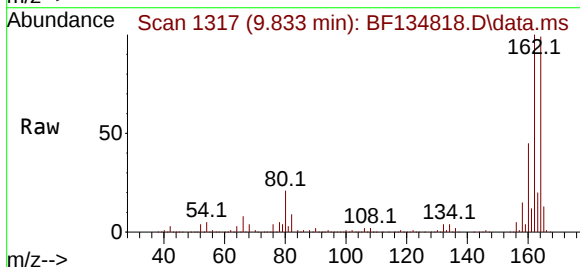
Delta R.T. 0.000 min

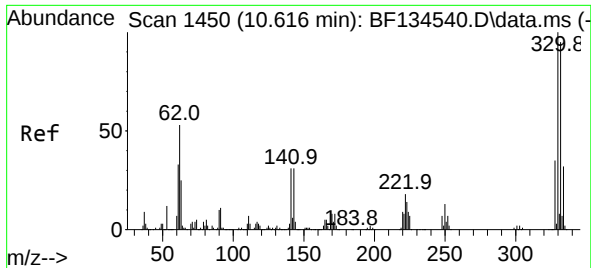
Lab File: BF134818.D

Acq: 17 Aug 2023 11:43

Tgt Ion:164 Resp: 326058

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	45.3	37.2	55.8

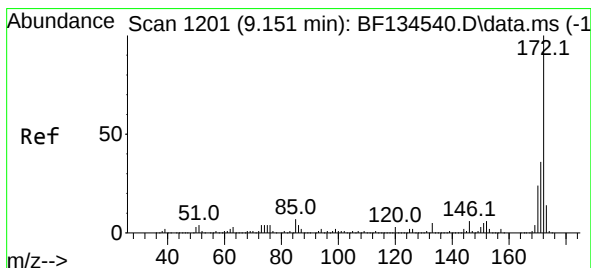
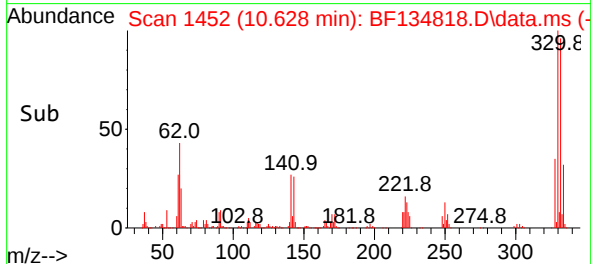
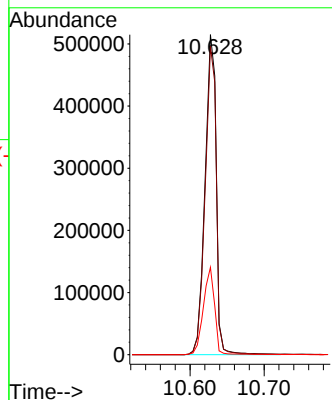
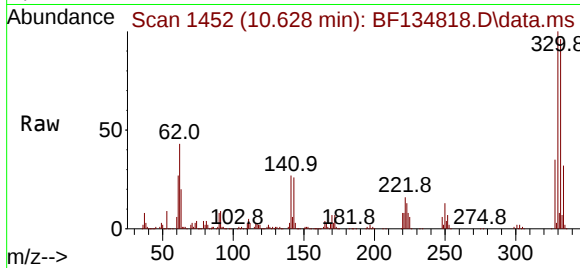




#42
2,4,6-Tribromophenol
Concen: 163.287 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

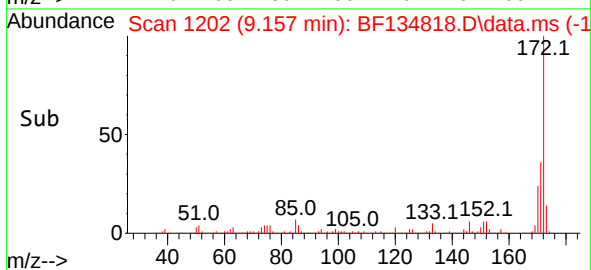
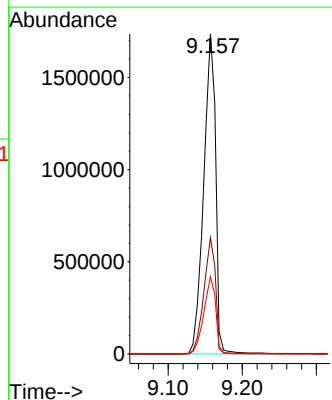
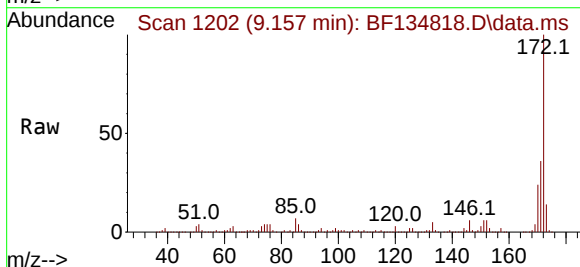
Instrument :
BNA_F
ClientSampleId :
PB154866BL

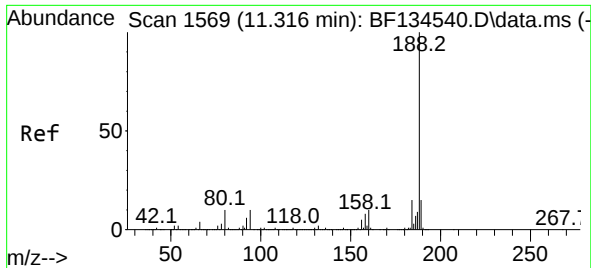
Tgt Ion:330 Resp: 542741
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 27.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 99.644 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

Tgt Ion:172 Resp: 1954049
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 18.7 28.1

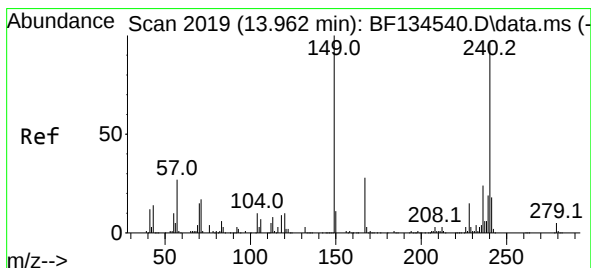
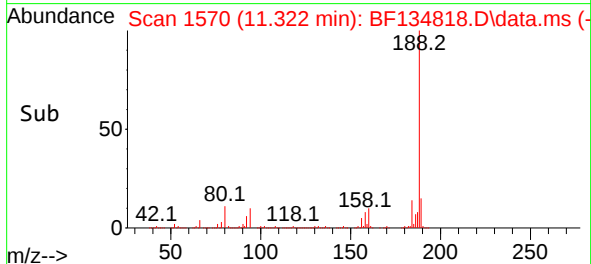
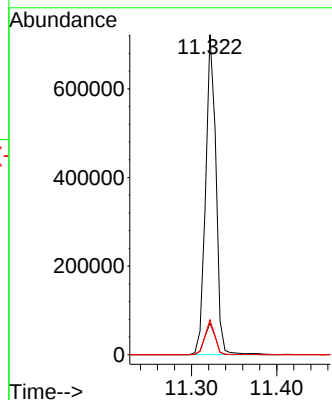
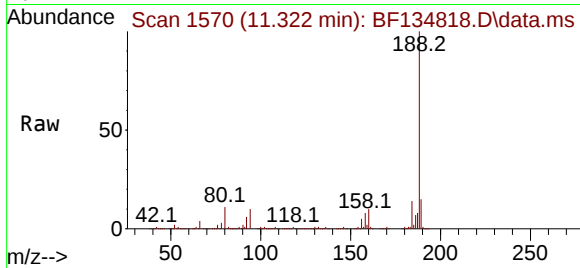




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

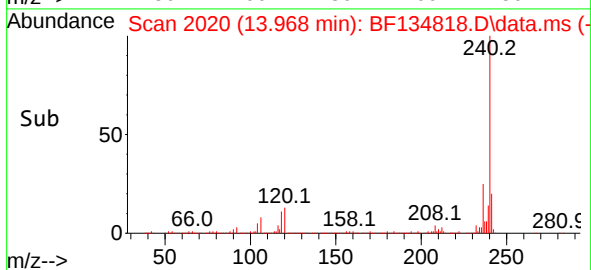
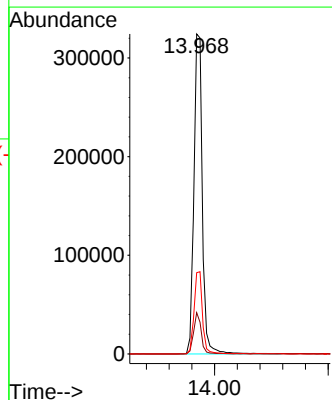
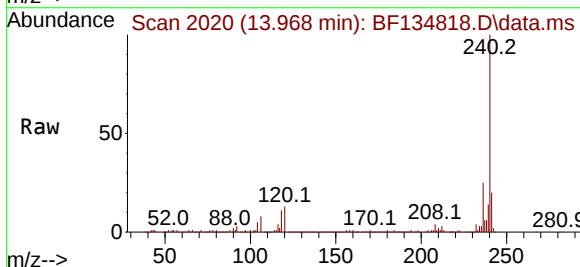
Instrument :
BNA_F
ClientSampleId :
PB154866BL

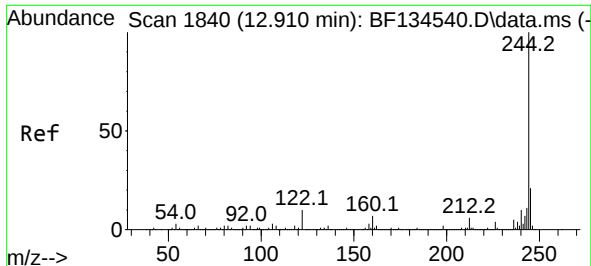
Tgt Ion:188 Resp: 609711
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.9 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134818.D
Acq: 17 Aug 2023 11:43

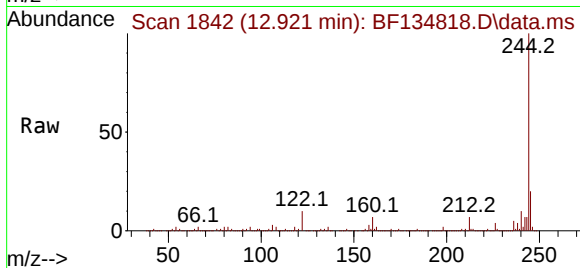
Tgt Ion:240 Resp: 334389
Ion Ratio Lower Upper
240 100
120 12.9 6.6 10.0#
236 25.4 20.2 30.2



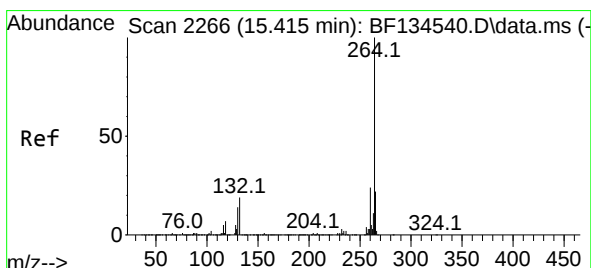
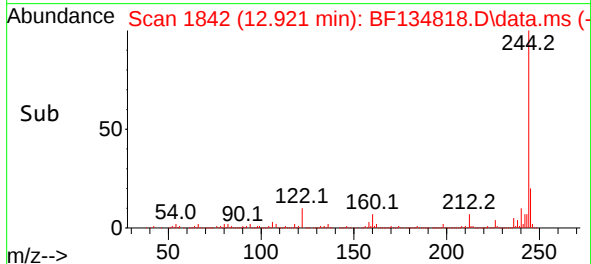
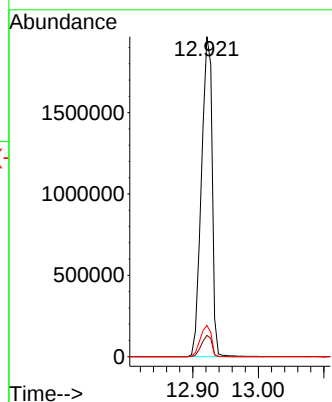


#79
 Terphenyl-d14
 Concen: 118.108 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134818.D
 Acq: 17 Aug 2023 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB154866BL



Tgt Ion:244 Resp: 2240325
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134818.D
 Acq: 17 Aug 2023 11:43

Tgt Ion:264 Resp: 367965
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.5 15.8 23.8

