

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134644.D
 Acq On : 07 Aug 2023 09:48
 Operator : CG\JU
 Sample : 03891-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 08 01:19:11 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	192864	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	770504	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	391745	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	686165	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	414347	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	379236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1416560	111.649	ng	0.00
7) Phenol-d6	6.434	99	1812944	111.782	ng	0.00
23) Nitrobenzene-d5	7.357	82	1113819	90.338	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	496589	124.350	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1875237	79.591	ng	0.00
79) Terphenyl-d14	12.922	244	2089187	88.886	ng	0.00

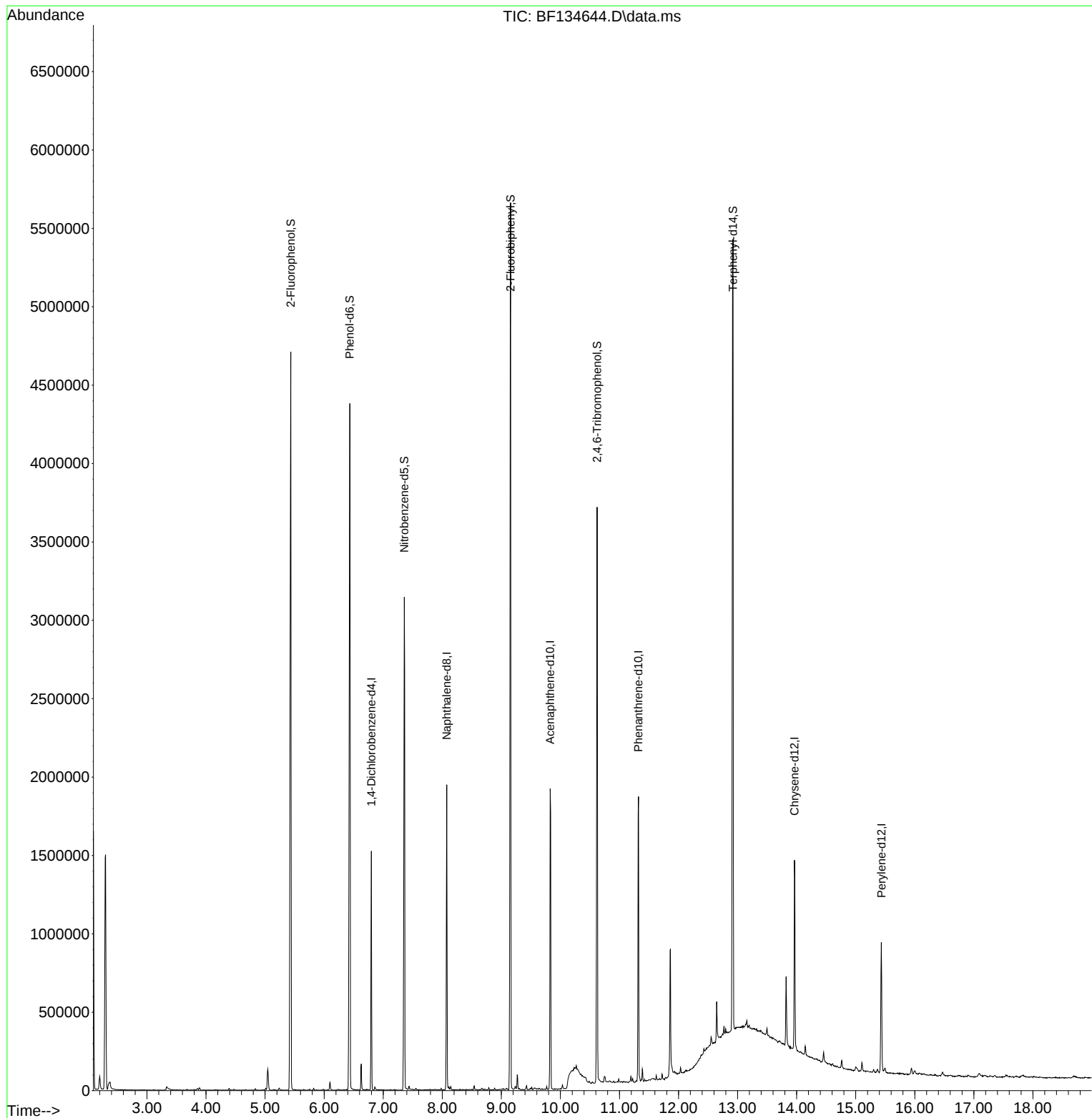
Target Compounds	Qvalue

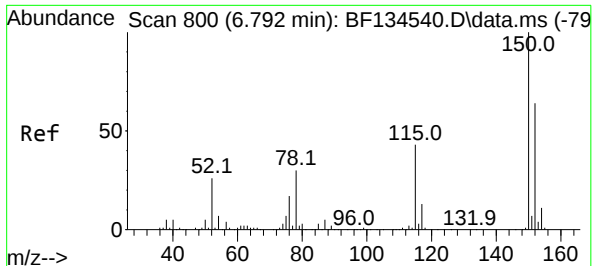
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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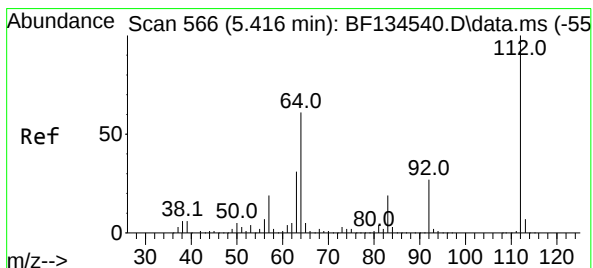
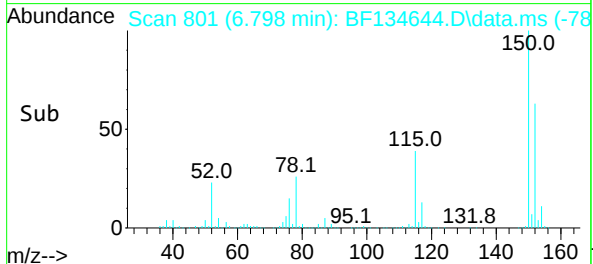
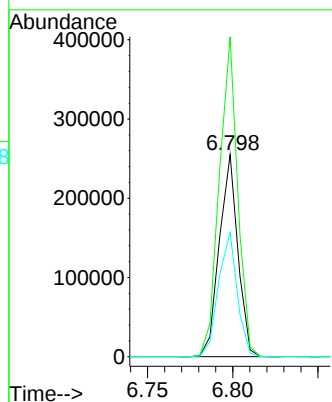
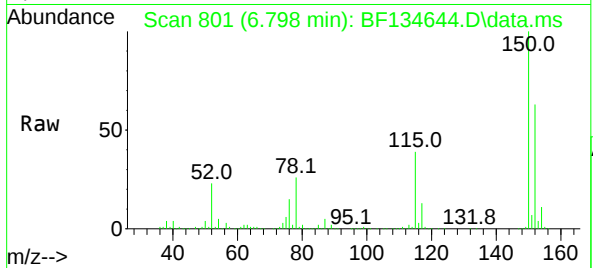




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134644.D
 Acq: 07 Aug 2023 09:48

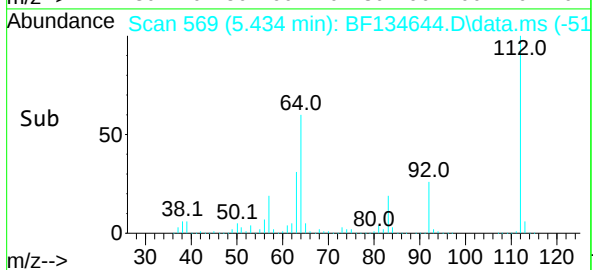
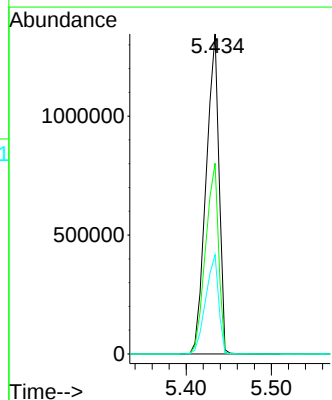
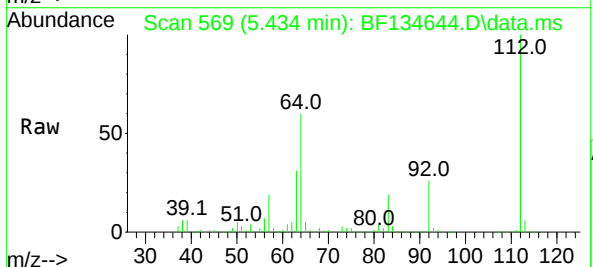
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 192864
 Ion Ratio Lower Upper
 152 100
 150 158.3 128.3 192.5
 115 61.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 111.649 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134644.D
 Acq: 07 Aug 2023 09:48

Tgt Ion:112 Resp: 1416560
 Ion Ratio Lower Upper
 112 100
 64 59.6 44.9 67.3
 63 31.0 25.4 38.0

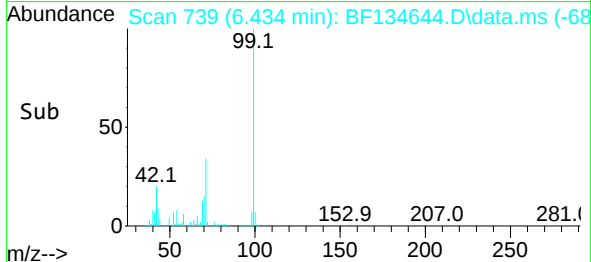
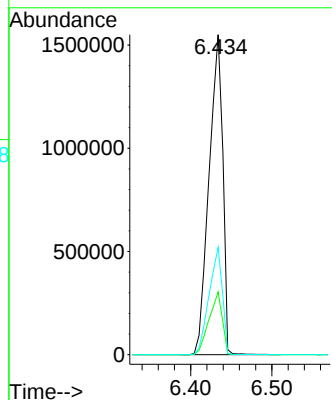
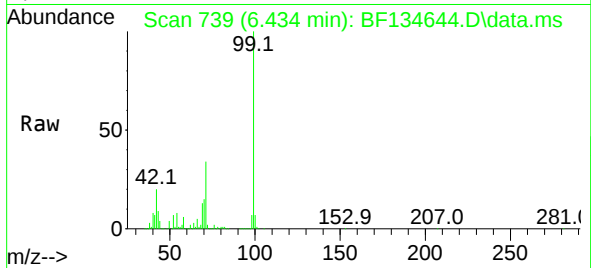




#7
Phenol-d6
Concen: 111.782 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134644.D
Acq: 07 Aug 2023 09:48

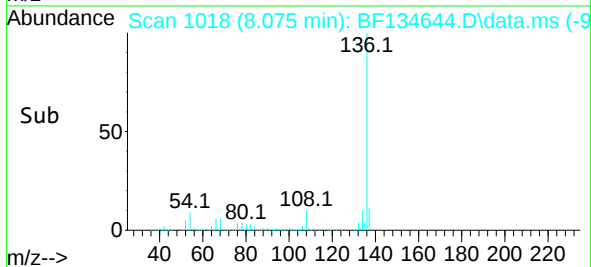
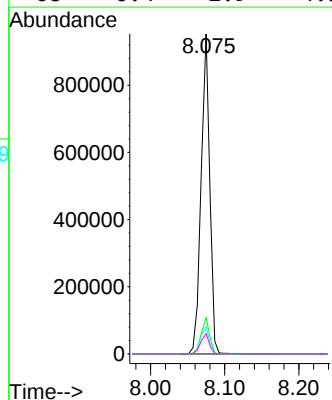
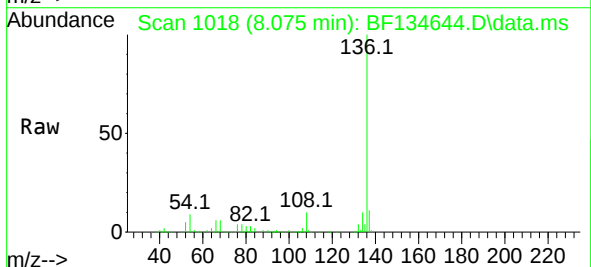
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1812944
Ion Ratio Lower Upper
99 100
42 19.6 18.7 28.1
71 33.5 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: BF134644.D
Acq: 07 Aug 2023 09:48

Tgt Ion: 136 Resp: 770504
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.5 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 90.338 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134644.D

Acq: 07 Aug 2023 09:48

Instrument :

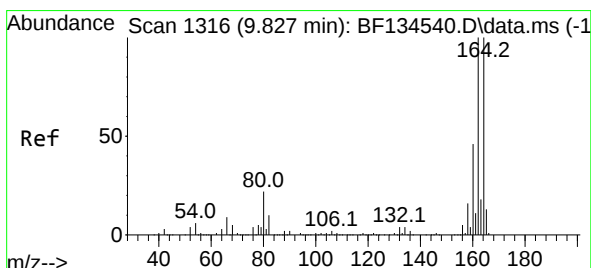
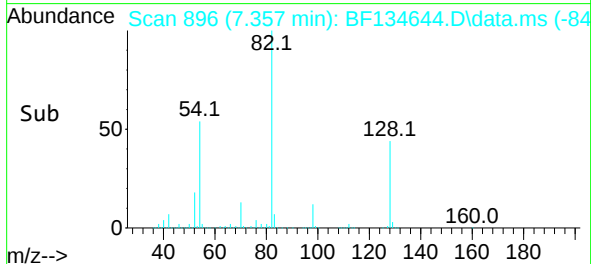
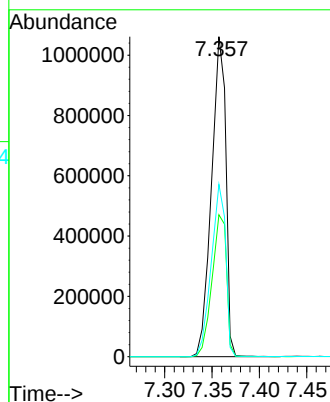
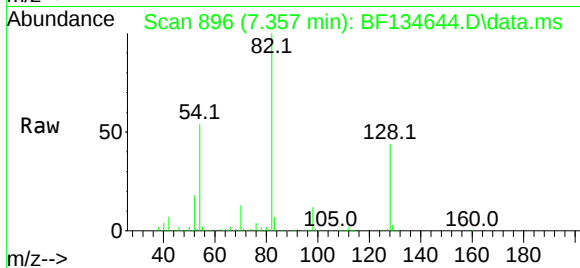
BNA_F

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 1113819

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.3	51.5
54	53.9	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

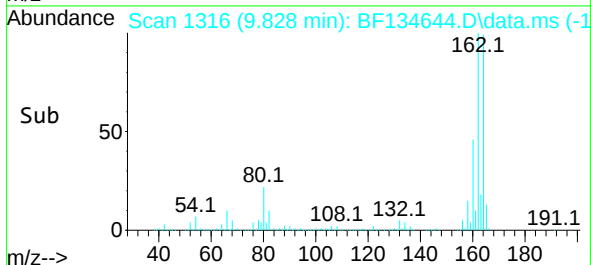
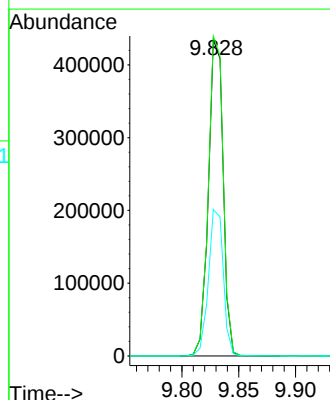
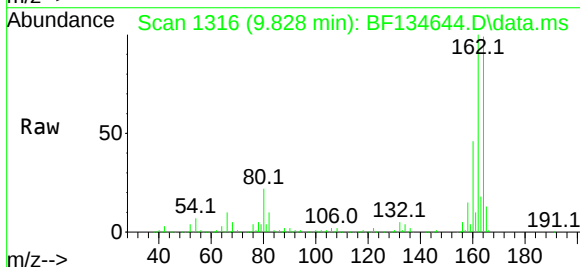
Delta R.T. -0.006 min

Lab File: BF134644.D

Acq: 07 Aug 2023 09:48

Tgt Ion: 164 Resp: 391745

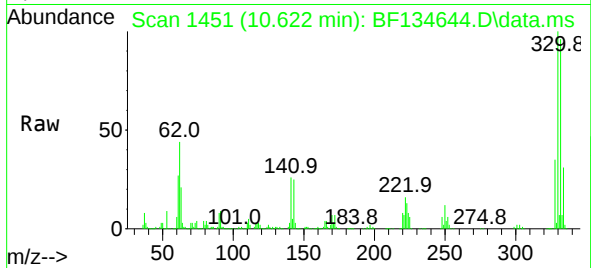
Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	46.3	37.2	55.8



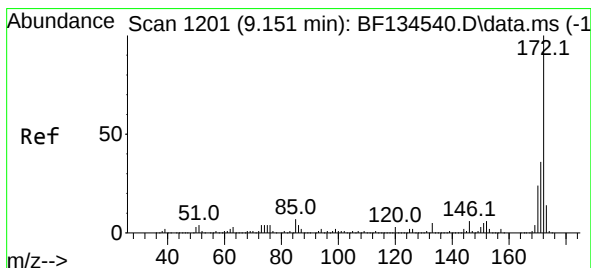
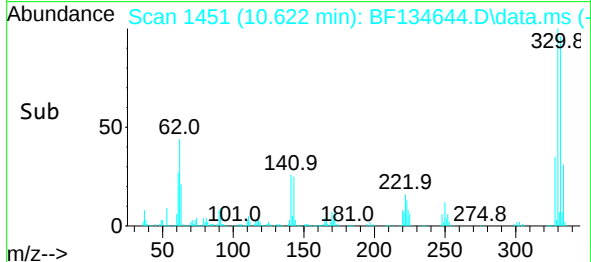
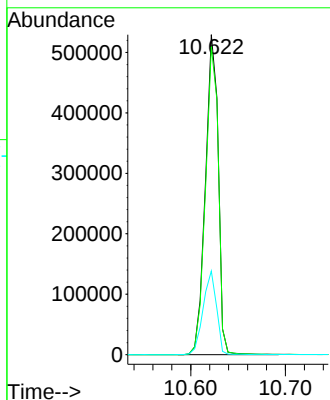


#42
2,4,6-Tribromophenol
Concen: 124.350 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134644.D
Acq: 07 Aug 2023 09:48

Instrument :
BNA_F
ClientSampleId :
TP-1

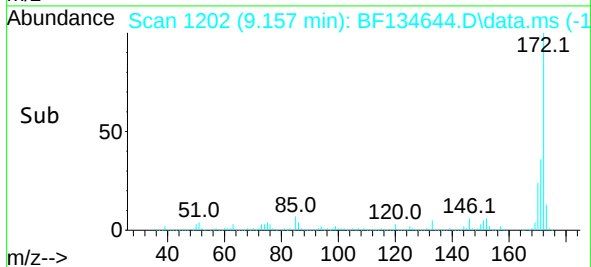
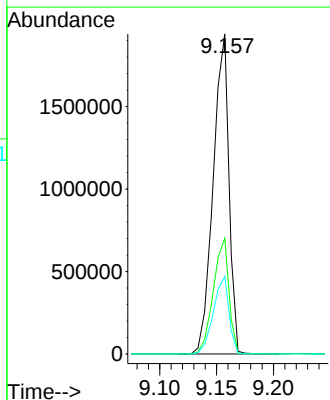
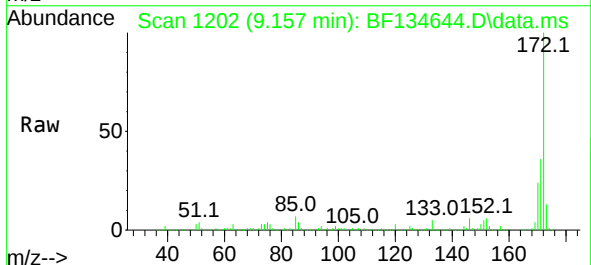


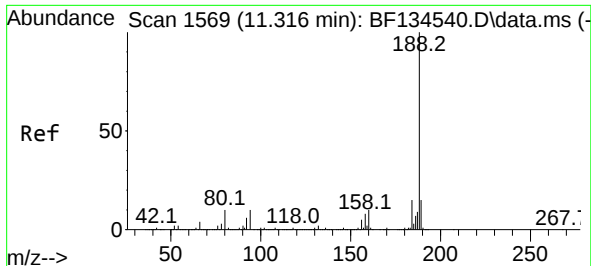
Tgt Ion:330 Resp: 496589
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 27.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 79.591 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134644.D
Acq: 07 Aug 2023 09:48

Tgt Ion:172 Resp: 1875237
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 18.7 28.1

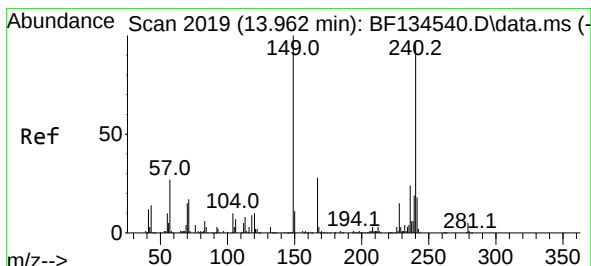
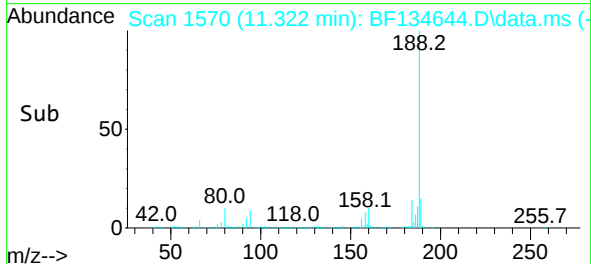
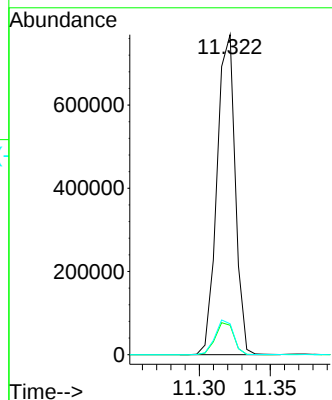
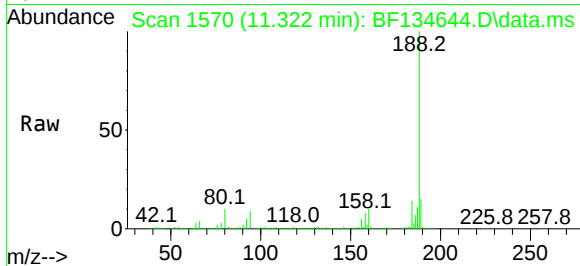




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134644.D
Acq: 07 Aug 2023 09:48

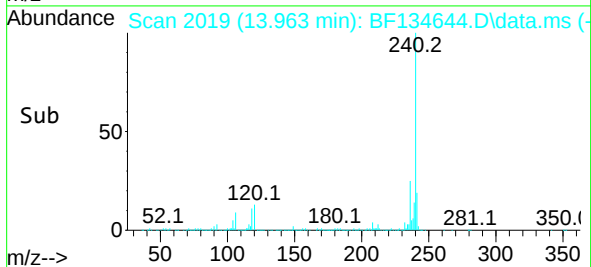
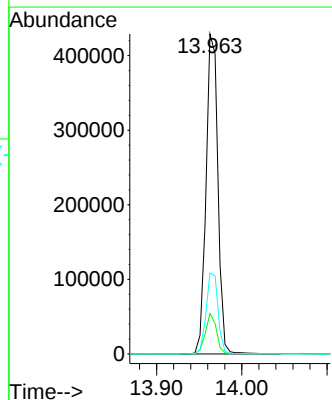
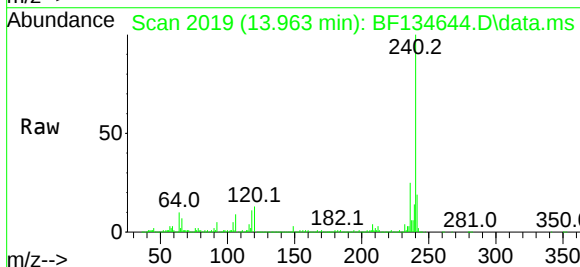
Instrument :
BNA_F
ClientSampleId :
TP-1

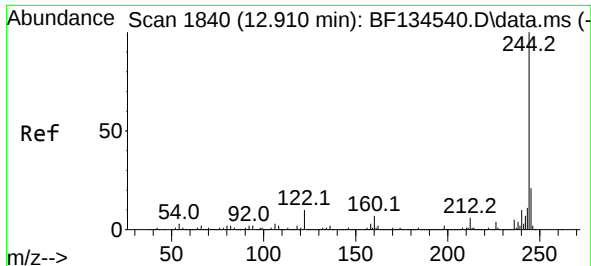
Tgt Ion:188 Resp: 686165
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134644.D
Acq: 07 Aug 2023 09:48

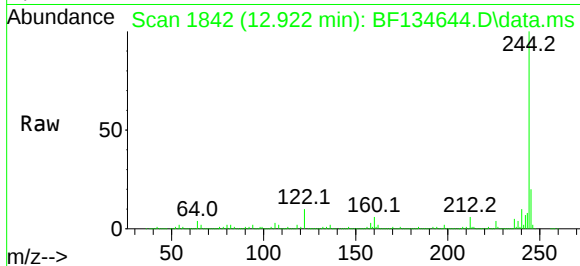
Tgt Ion:240 Resp: 414347
Ion Ratio Lower Upper
240 100
120 12.7 6.6 10.0#
236 25.3 20.2 30.2



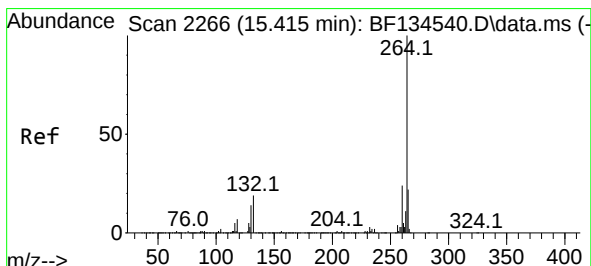
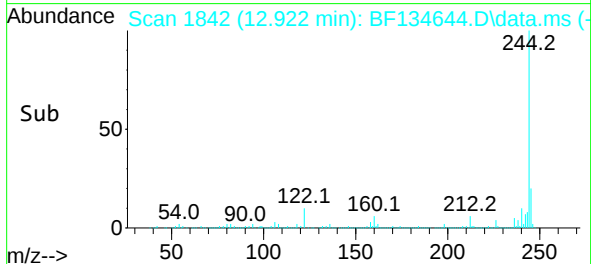
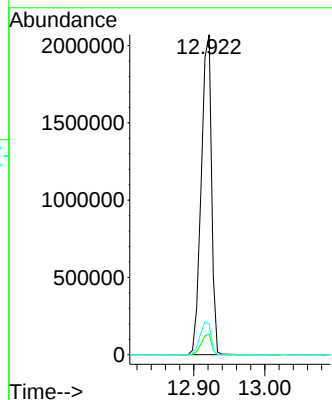


#79
 Terphenyl-d14
 Concen: 88.886 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF134644.D
 Acq: 07 Aug 2023 09:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 2089187
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134644.D
 Acq: 07 Aug 2023 09:48

Tgt Ion:264 Resp: 379236
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 15.8 23.8

