

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134857.D
 Acq On : 19 Aug 2023 00:13
 Operator : CG\JU
 Sample : 04058-01 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081723

Quant Time: Aug 19 01:51:04 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	6.792	152	125703	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	464417	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	194861	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	292630	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	284958	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	192072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	11749	1.421	ng	-0.01
7) Phenol-d6	6.422	99	14581	1.379	ng	-0.02
23) Nitrobenzene-d5	7.351	82	8483	1.141	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	2383	1.200	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	17340	1.480	ng	-0.02
79) Terphenyl-d14	12.904	244	15589	0.964	ng	-0.02

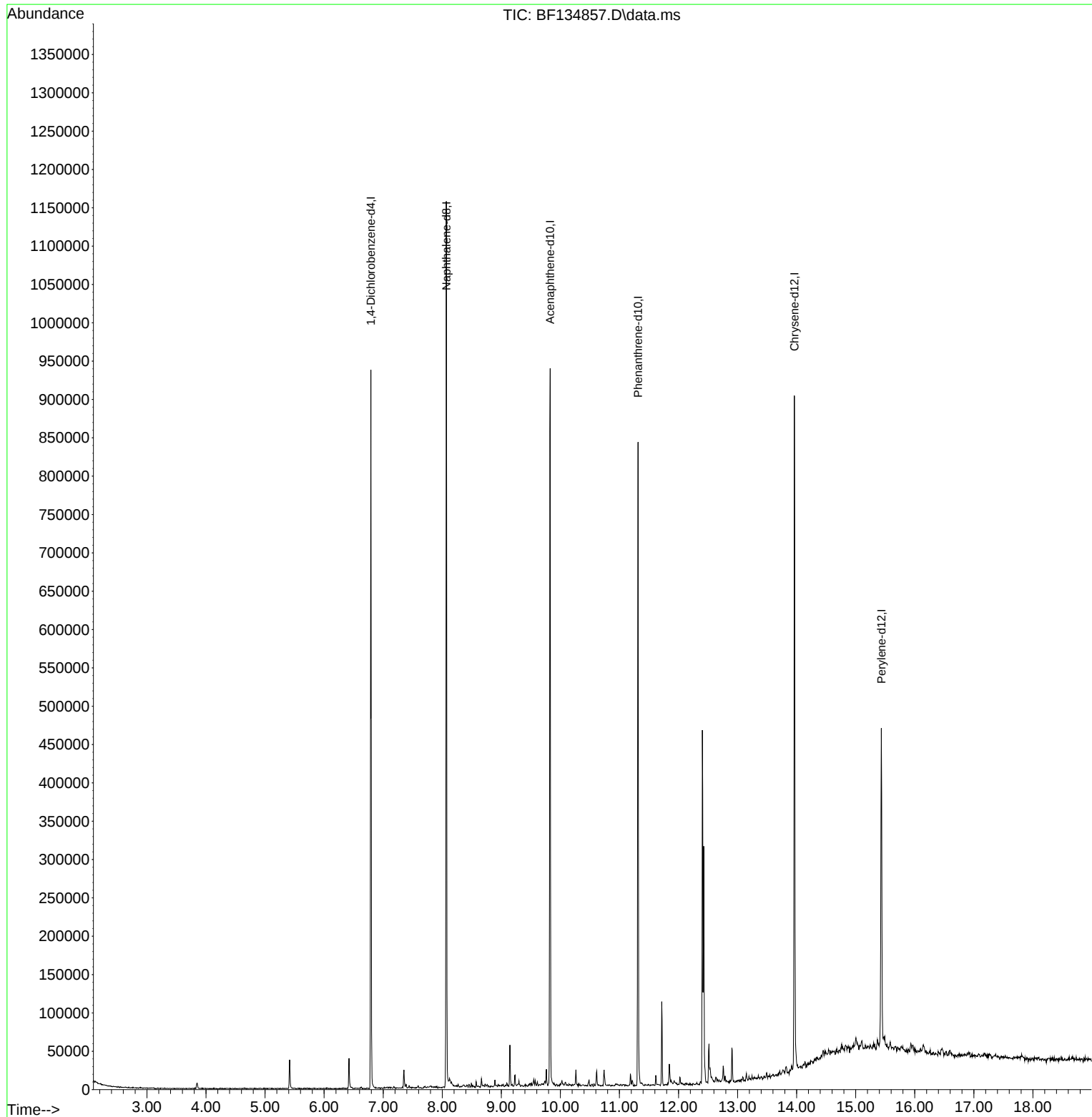
Target Compounds Qvalue

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

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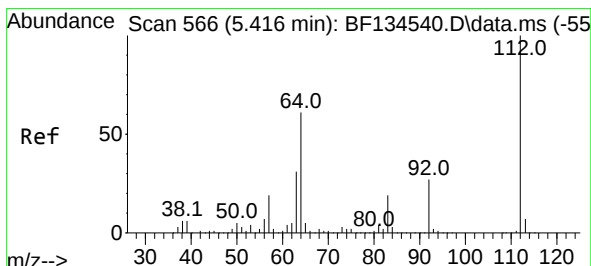
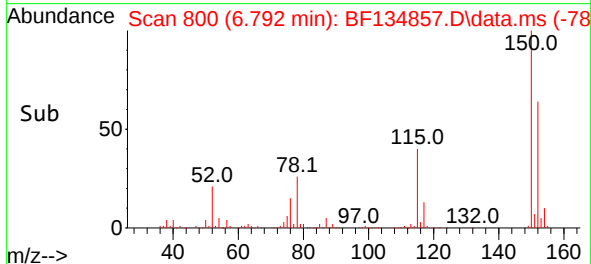
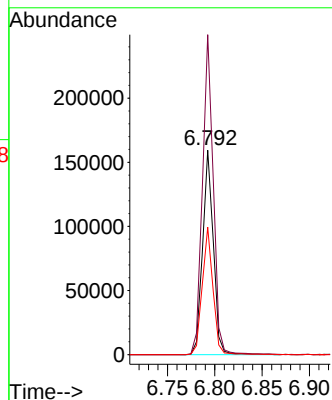
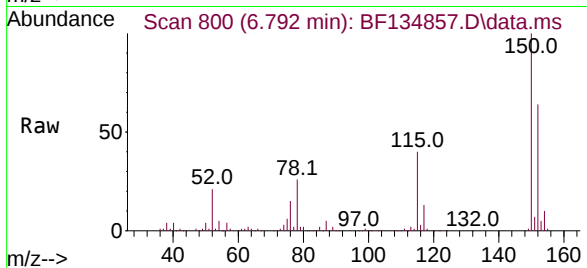




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

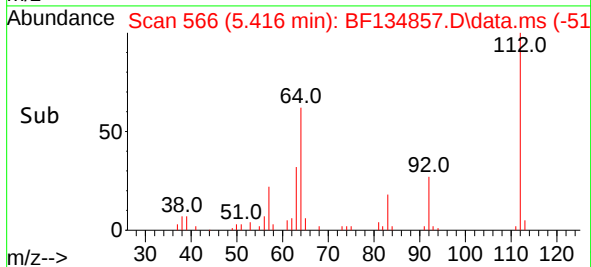
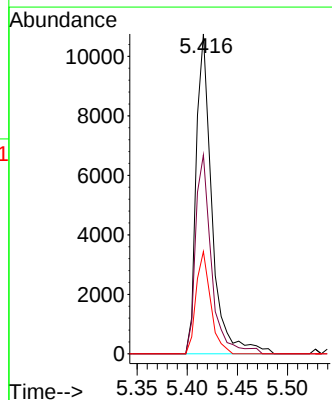
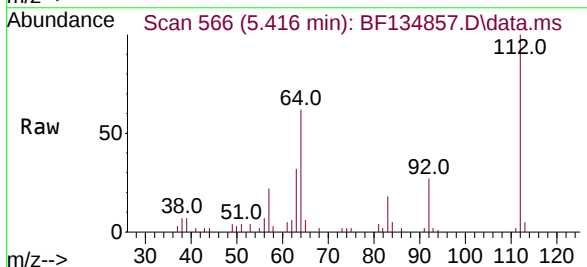
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

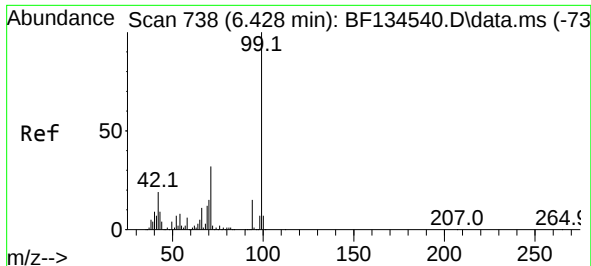
Tgt Ion:152 Resp: 125703
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 1.421 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion:112 Resp: 11749
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 32.0 25.4 38.0

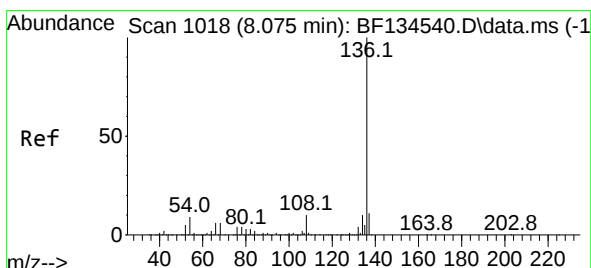
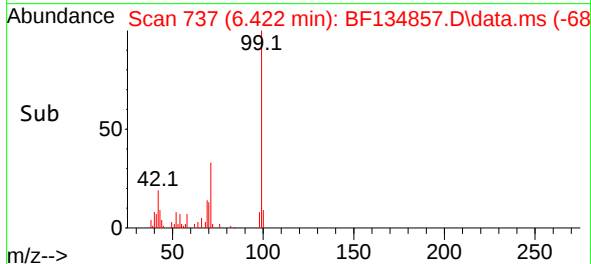
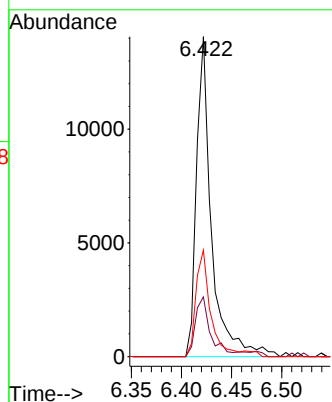
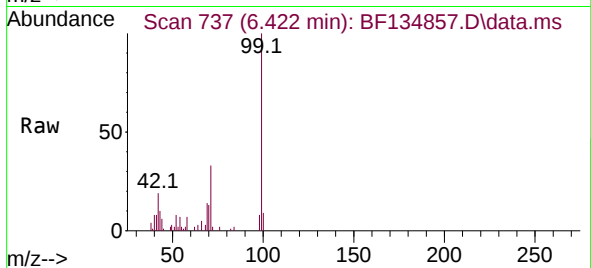




#7
Phenol-d6
Concen: 1.379 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

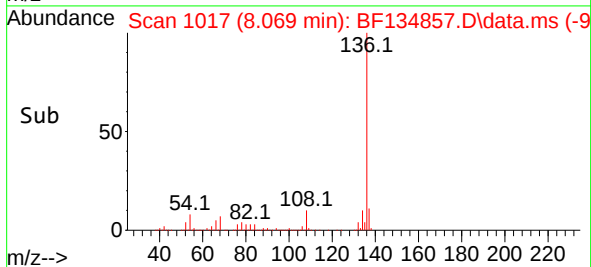
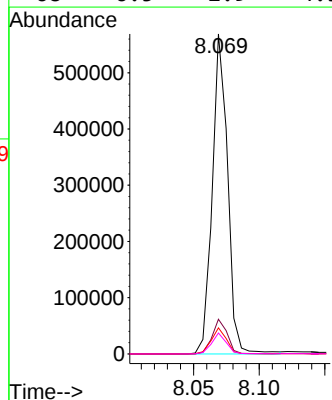
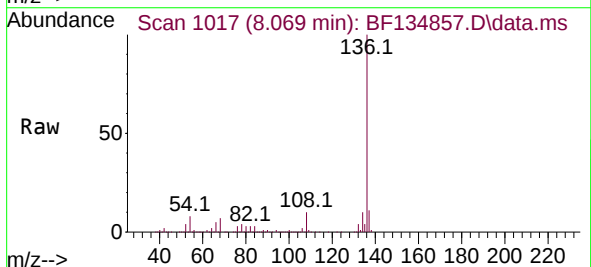
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

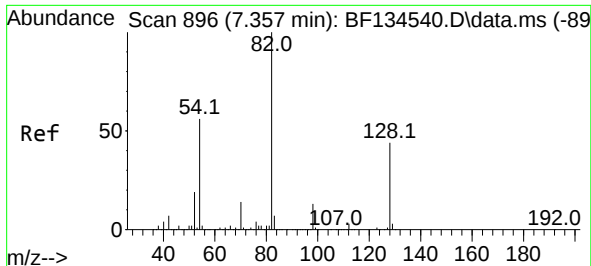
Tgt Ion: 99 Resp: 14581
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 33.3 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion: 136 Resp: 464417
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.1 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 1.141 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134857.D

Acq: 19 Aug 2023 00:13

Instrument :

BNA_F

ClientSampleId :

SU-04-081723

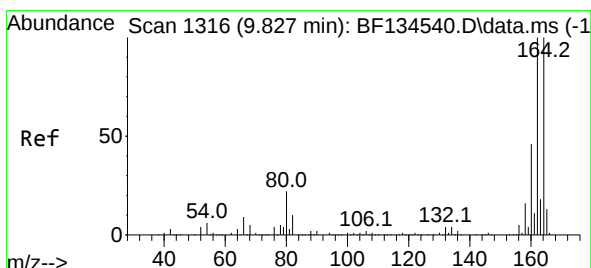
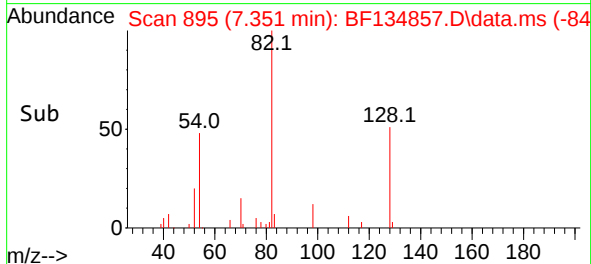
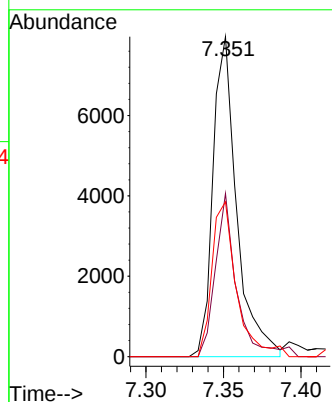
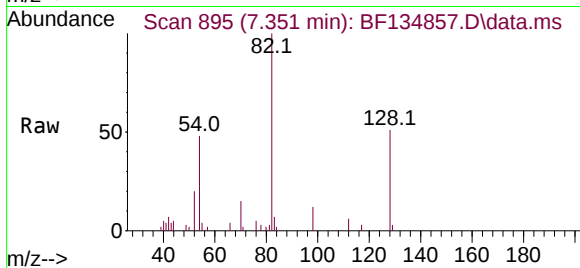
Tgt Ion: 82 Resp: 8483

Ion Ratio Lower Upper

82 100

128 51.0 34.3 51.5

54 48.4 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: BF134857.D

Acq: 19 Aug 2023 00:13

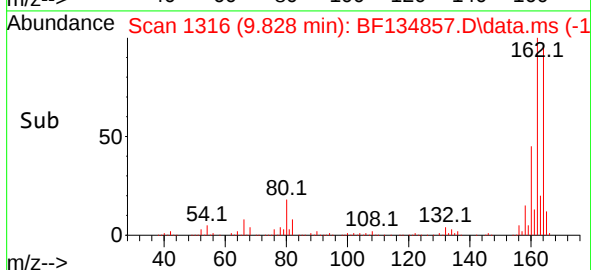
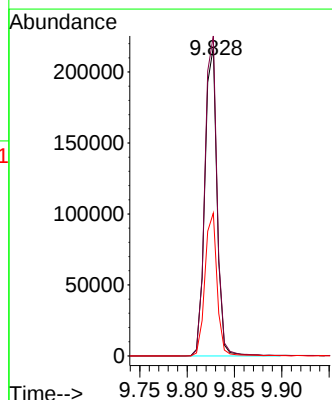
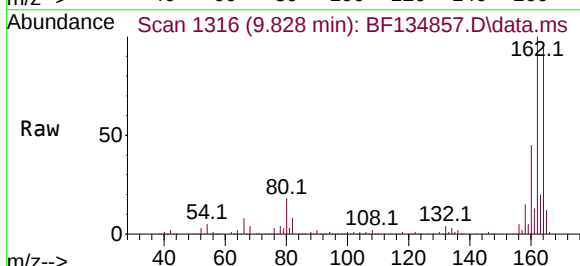
Tgt Ion: 164 Resp: 194861

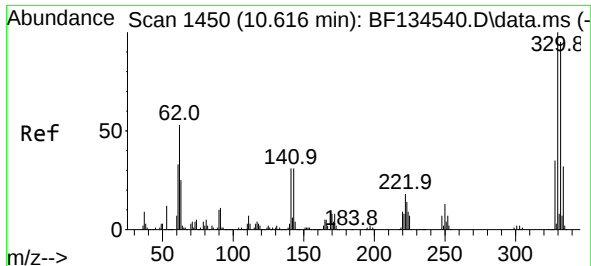
Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 46.3 37.2 55.8

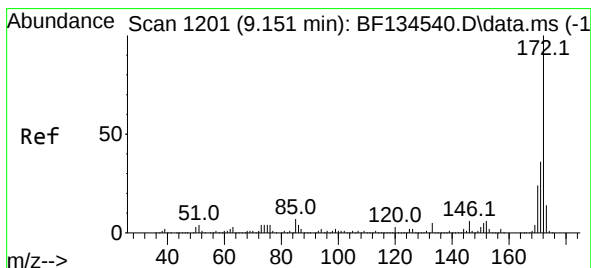
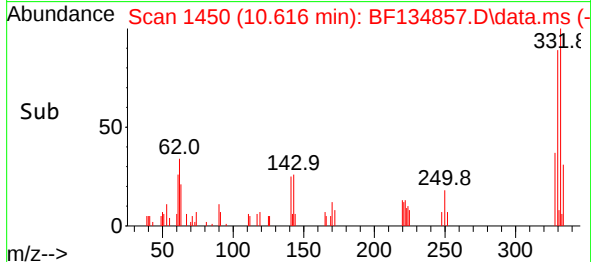
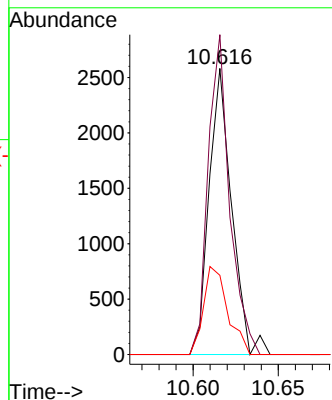
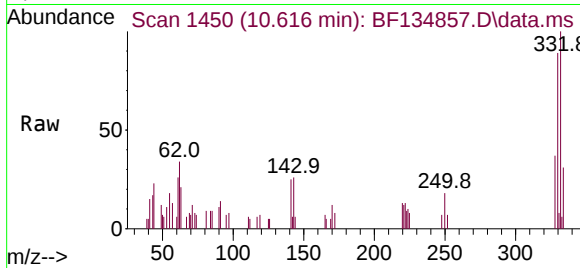




#42
2,4,6-Tribromophenol
Concen: 1.200 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

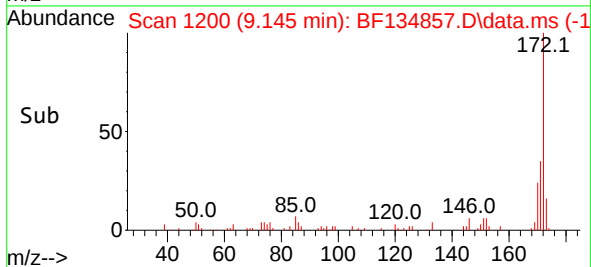
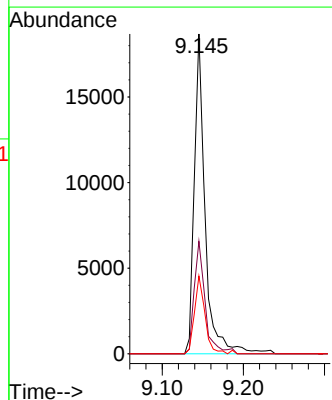
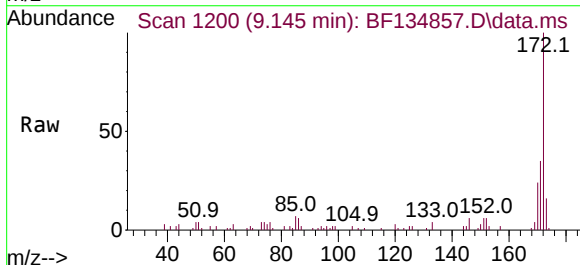
Instrument :
BNA_F
ClientSampleId :
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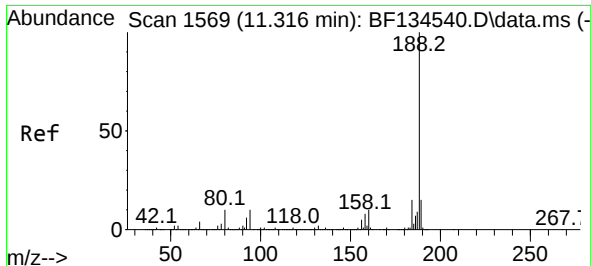
Tgt Ion:	330	Resp:	2383
Ion	Ratio	Lower	Upper
330	100		
332	106.3	78.8	118.2
141	32.9	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 1.480 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

Tgt Ion:	172	Resp:	17340
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	24.3	18.7	28.1

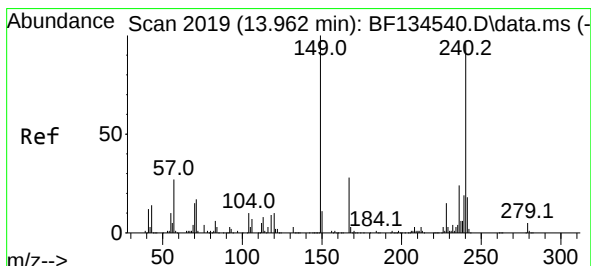
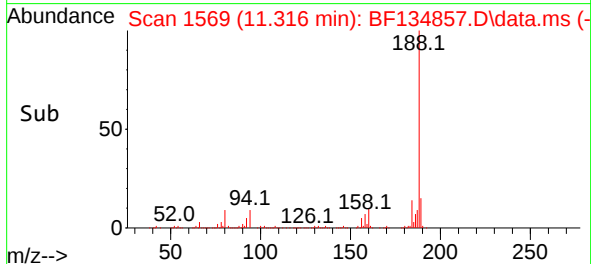
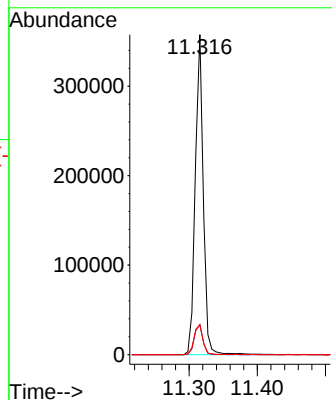
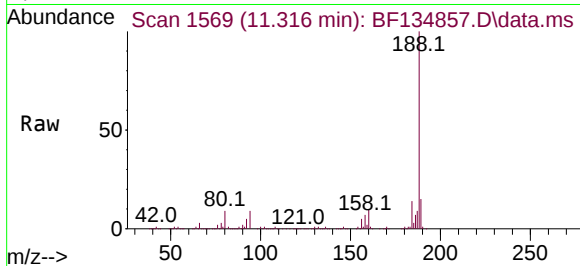




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

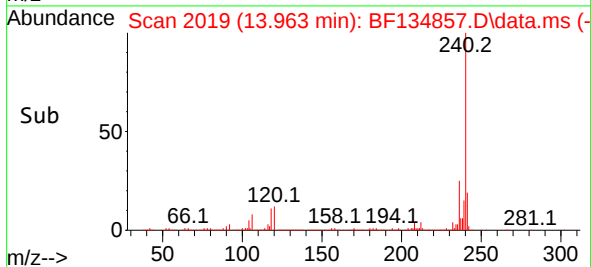
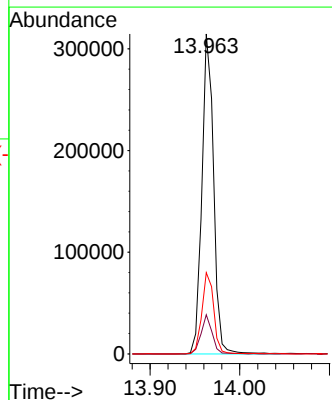
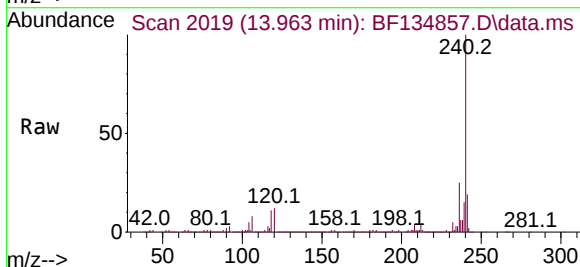
Instrument :
BNA_F
ClientSampleId :
SU-04-081723

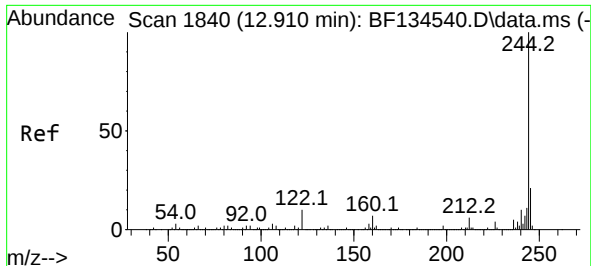
Tgt Ion:188 Resp: 292630
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 9.3 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134857.D
Acq: 19 Aug 2023 00:13

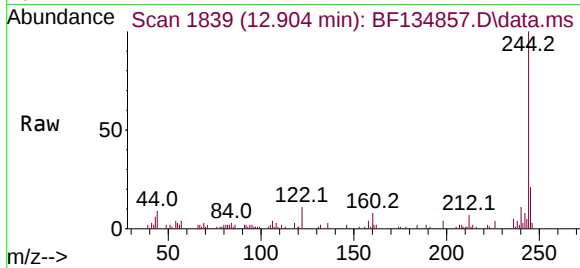
Tgt Ion:240 Resp: 284958
Ion Ratio Lower Upper
240 100
120 12.2 6.6 10.0#
236 25.4 20.2 30.2



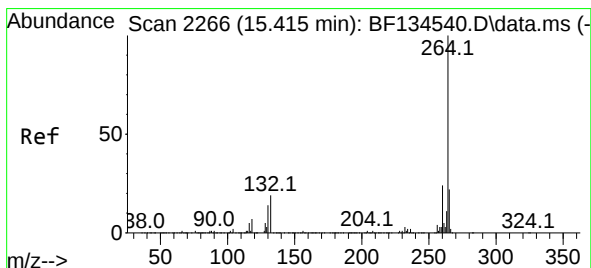
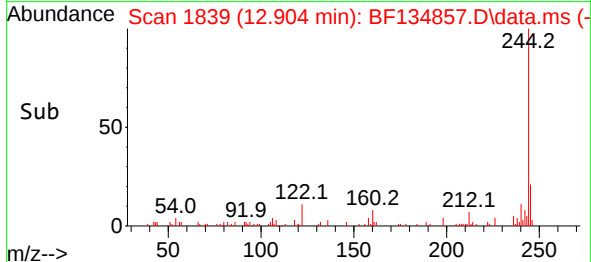
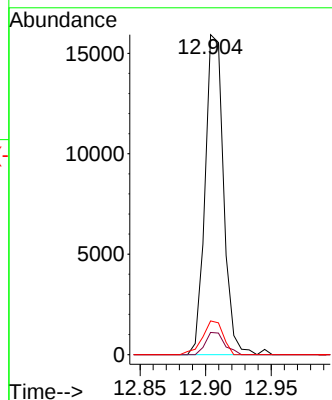


#79
 Terphenyl-d14
 Concen: 0.964 ng
 RT: 12.904 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF134857.D
 Acq: 19 Aug 2023 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-081723



Tgt Ion:244 Resp: 15589
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 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: BF134857.D
 Acq: 19 Aug 2023 00:13

Tgt Ion:264 Resp: 192072
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 20.7 15.8 23.8

