

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134727.D
 Acq On : 11 Aug 2023 11:57
 Operator : CG\JU
 Sample : 03955-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-27

Quant Time: Aug 11 22:20:22 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	166153	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	605073	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	257157	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	402878	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	338181	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	276049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	693666	63.462	ng	0.00
7) Phenol-d6	6.434	99	850497	60.870	ng	0.00
23) Nitrobenzene-d5	7.357	82	482028	49.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	167814	64.015	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	874177	56.521	ng	-0.01
79) Terphenyl-d14	12.916	244	840026	43.789	ng	0.00

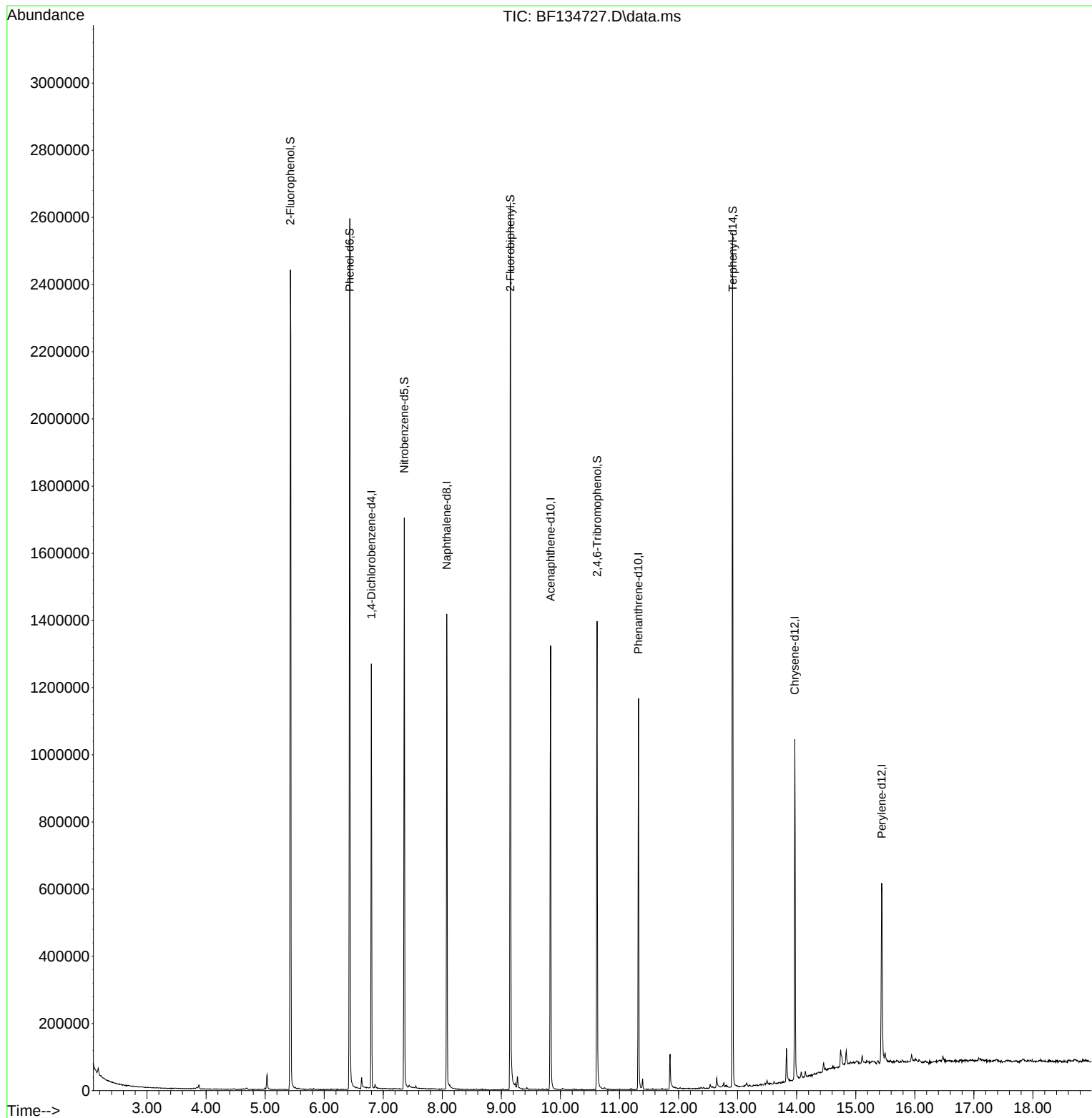
Target Compounds	Qvalue

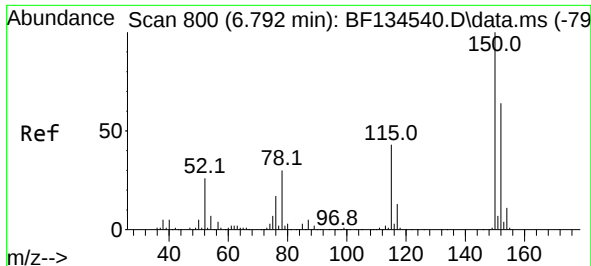
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134727.D
Acq On : 11 Aug 2023 11:57
Operator : CG\JU
Sample : 03955-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-27

Quant Time: Aug 11 22:20:22 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

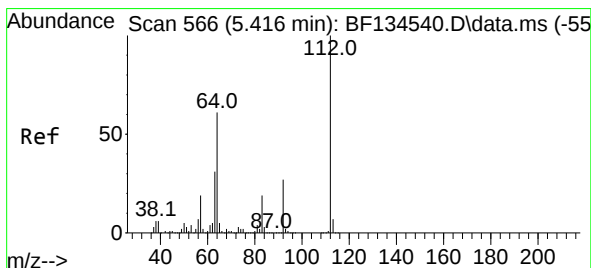
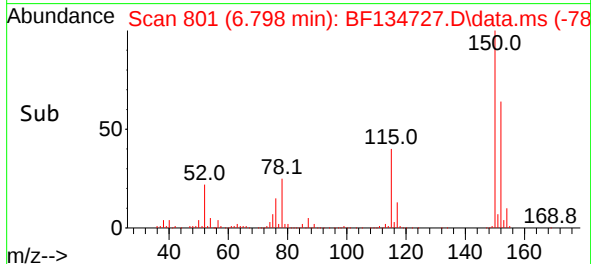
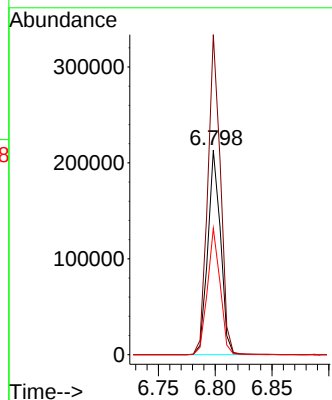
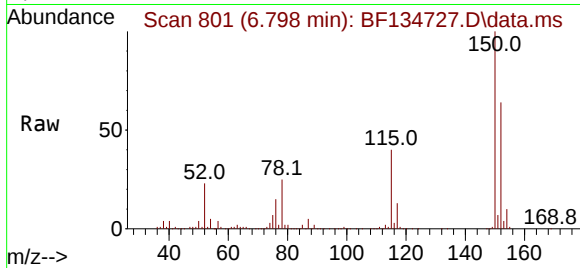




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

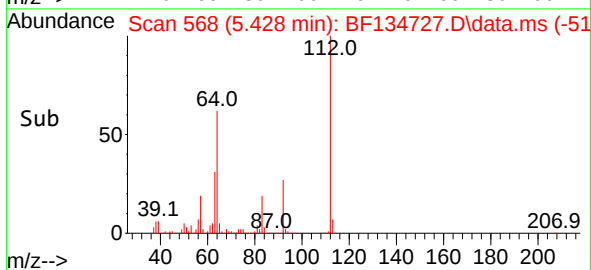
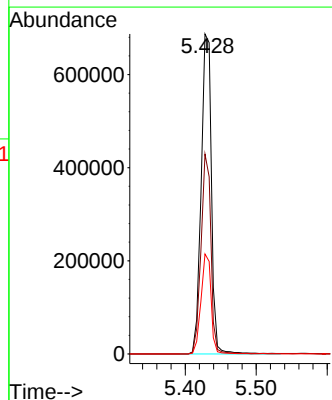
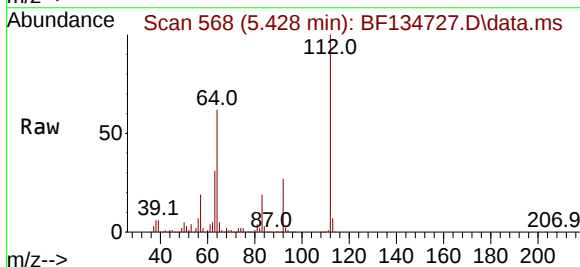
Instrument :
BNA_F
ClientSampleId :
WC-27

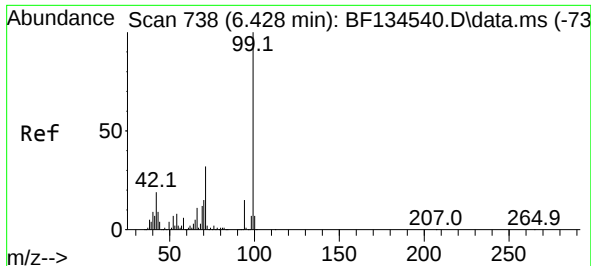
Tgt Ion:152 Resp: 166153
Ion Ratio Lower Upper
152 100
150 156.4 128.3 192.5
115 61.8 52.4 78.6



#5
2-Fluorophenol
Concen: 63.462 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion:112 Resp: 693666
Ion Ratio Lower Upper
112 100
64 62.5 44.9 67.3
63 31.3 25.4 38.0

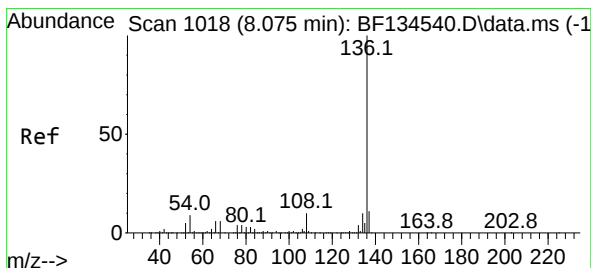
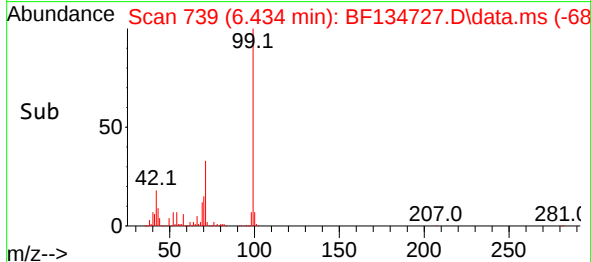
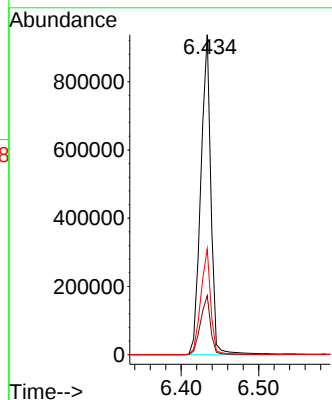
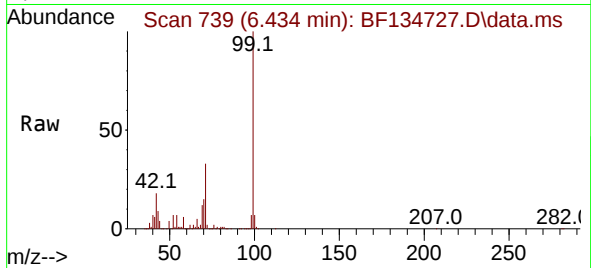




#7
Phenol-d6
Concen: 60.870 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

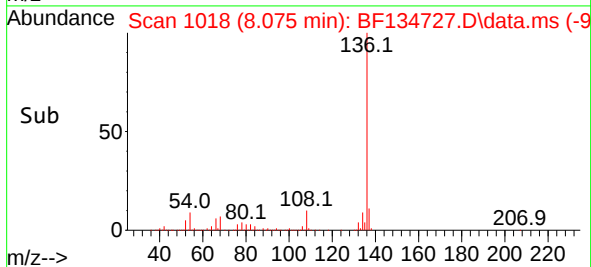
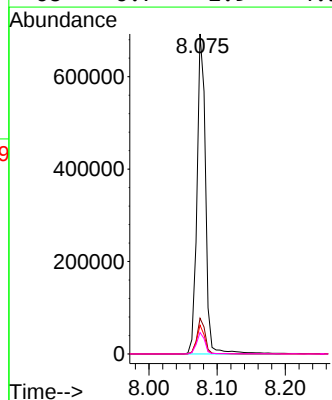
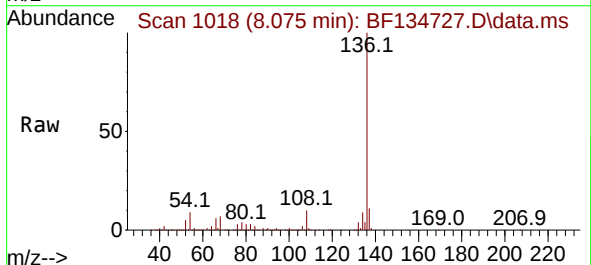
Instrument :
BNA_F
ClientSampleId :
WC-27

Tgt Ion: 99 Resp: 850497
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 33.0 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: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion: 136 Resp: 605073
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 49.784 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

WC-27

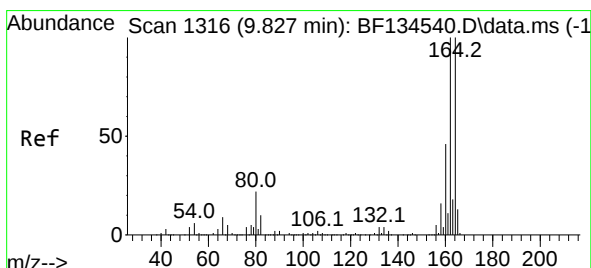
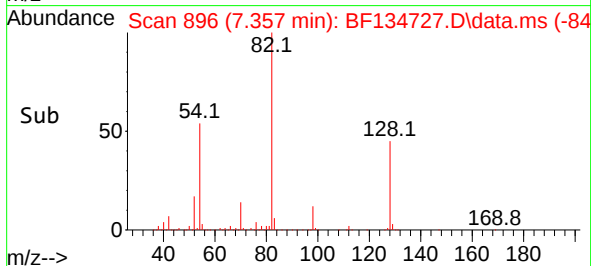
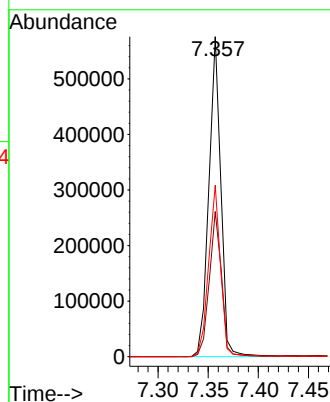
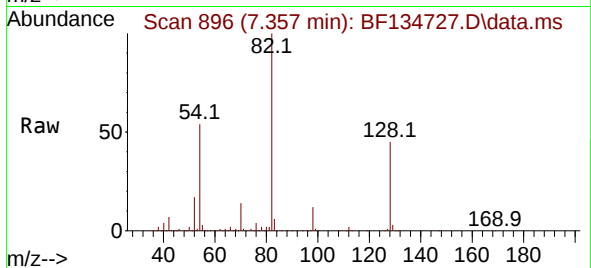
Tgt Ion: 82 Resp: 482028

Ion Ratio Lower Upper

82 100

128 45.4 34.3 51.5

54 53.6 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: BF134727.D

Acq: 11 Aug 2023 11:57

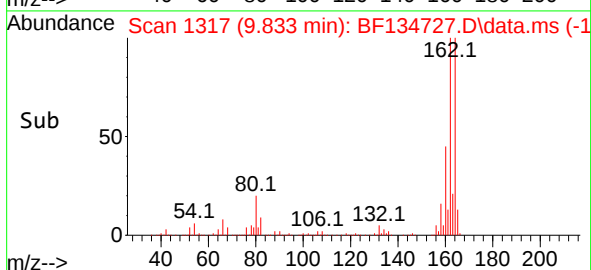
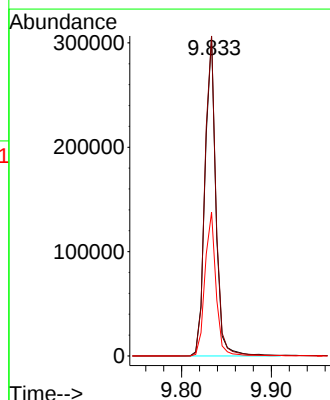
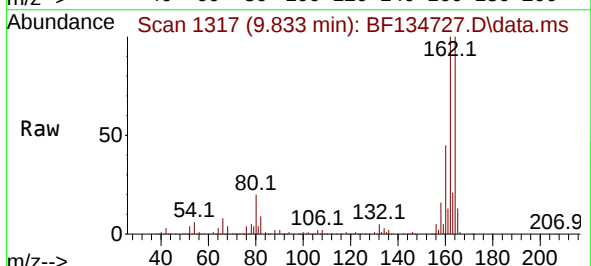
Tgt Ion:164 Resp: 257157

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

160 45.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 64.015 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

WC-27

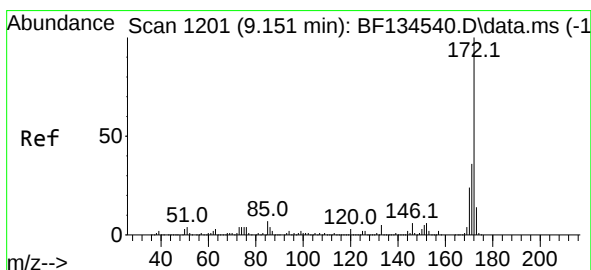
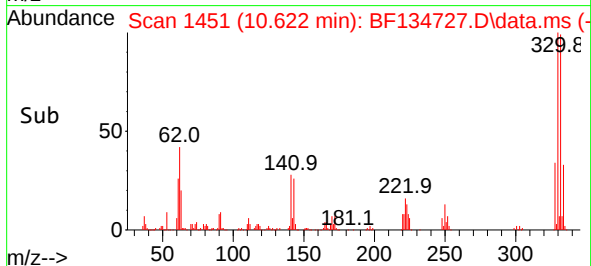
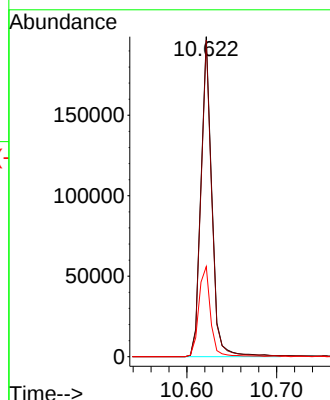
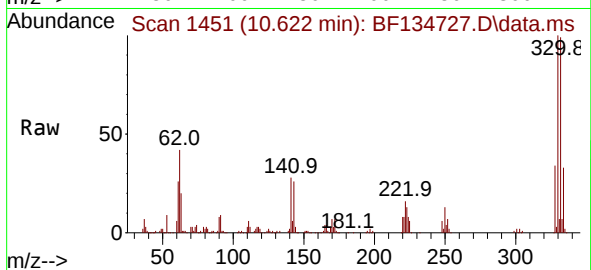
Tgt Ion:330 Resp: 167814

Ion Ratio Lower Upper

330 100

332 98.3 78.8 118.2

141 30.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 56.521 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134727.D

Acq: 11 Aug 2023 11:57

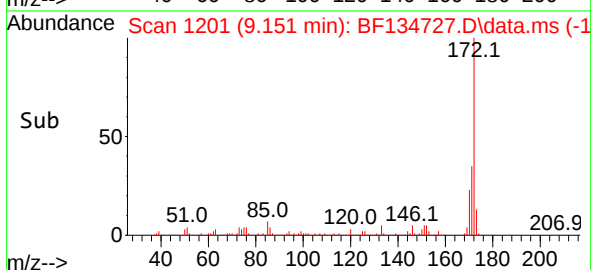
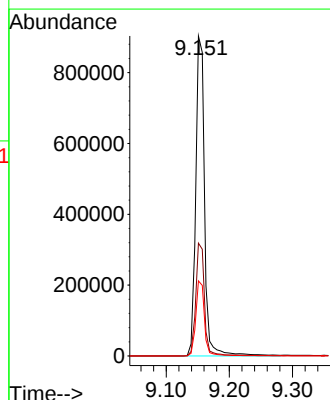
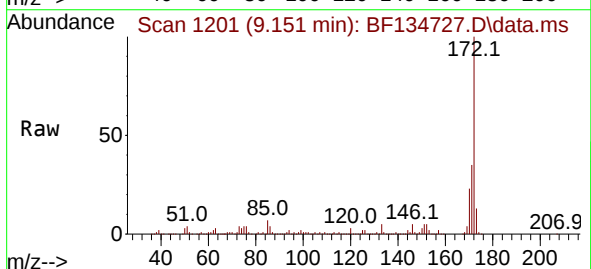
Tgt Ion:172 Resp: 874177

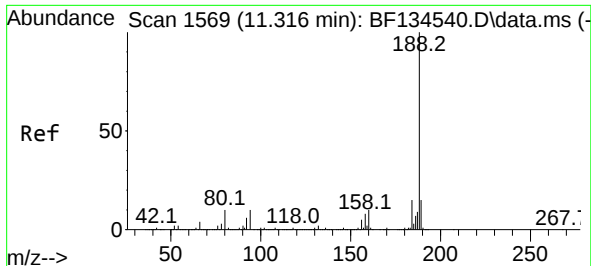
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.5 18.7 28.1

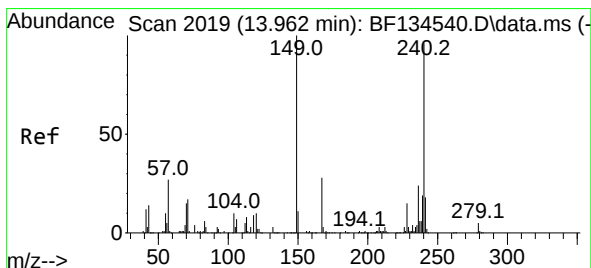
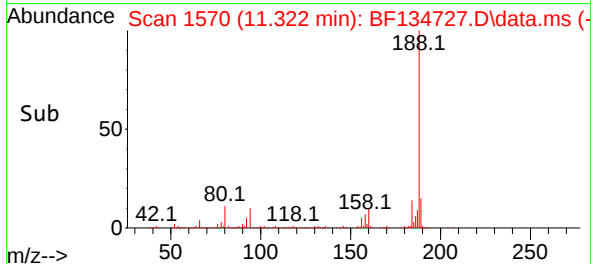
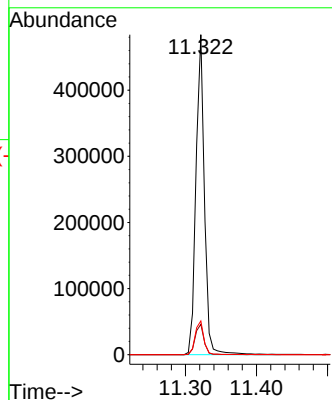
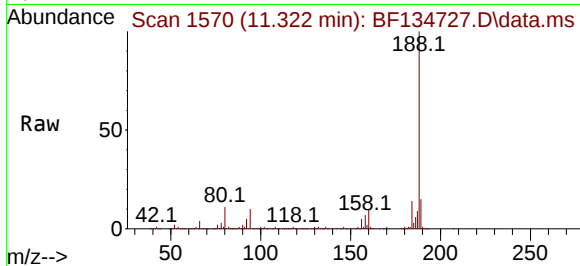




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

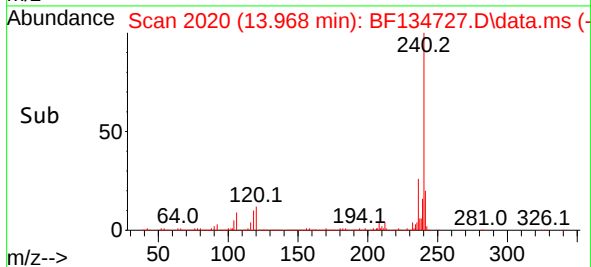
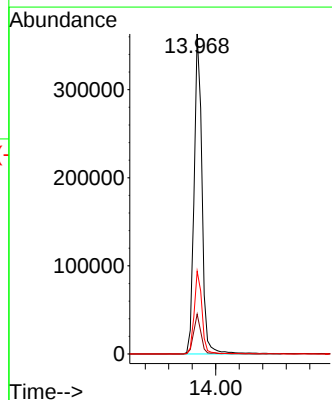
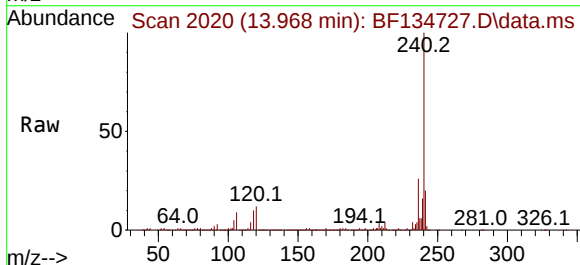
Instrument :
BNA_F
ClientSampleId :
WC-27

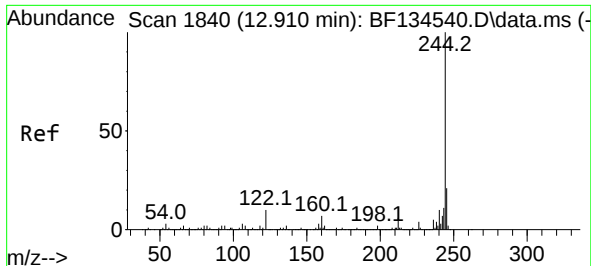
Tgt Ion:188 Resp: 402878
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 10.5 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134727.D
Acq: 11 Aug 2023 11:57

Tgt Ion:240 Resp: 338181
Ion Ratio Lower Upper
240 100
120 12.5 6.6 10.0#
236 25.9 20.2 30.2

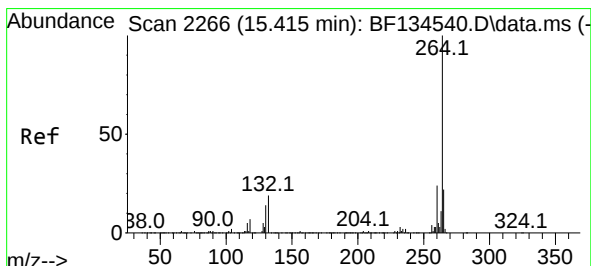
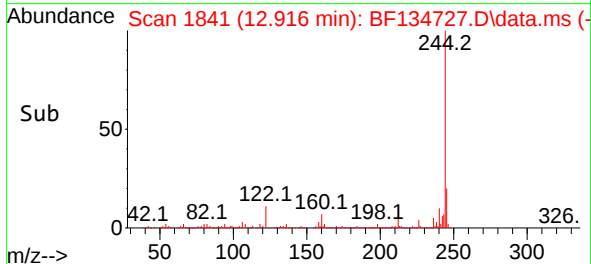
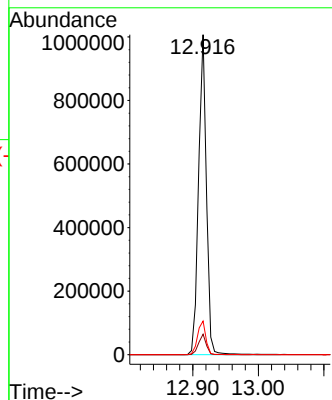
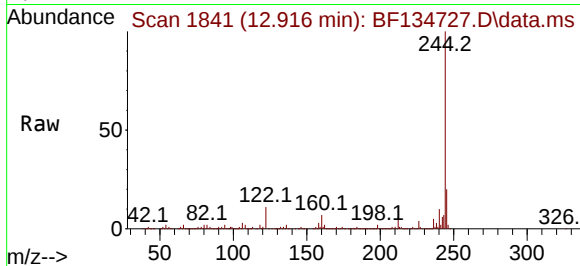




#79
 Terphenyl-d14
 Concen: 43.789 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134727.D
 Acq: 11 Aug 2023 11:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-27

Tgt Ion:244 Resp: 840026
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF134727.D
 Acq: 11 Aug 2023 11:57

Tgt Ion:264 Resp: 276049
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 23.1 15.8 23.8

