

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134680.D
 Acq On : 09 Aug 2023 09:14
 Operator : CG\JU
 Sample : PB154669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154669BL

Quant Time: Aug 10 01:35:38 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	6.804	152	206423	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	841405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	448259	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	878690	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	655656	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	521516	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1617958	119.147	ng	0.02
7) Phenol-d6	6.445	99	2052462	118.237	ng	0.00
23) Nitrobenzene-d5	7.363	82	1336808	99.287	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	673744	147.441	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2310545	85.703	ng	0.00
79) Terphenyl-d14	12.927	244	2967690	79.792	ng	0.00

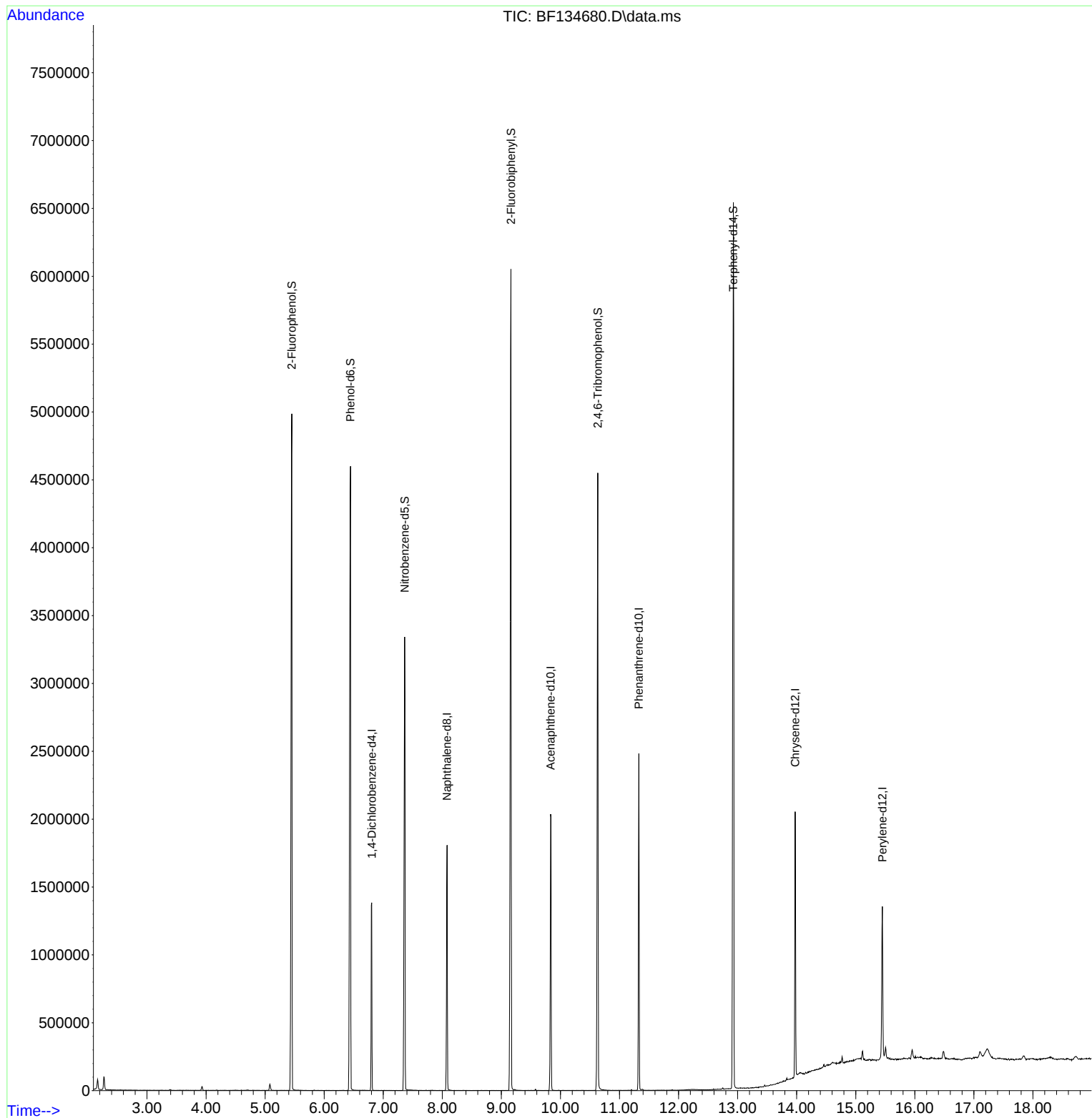
Target Compounds	Qvalue

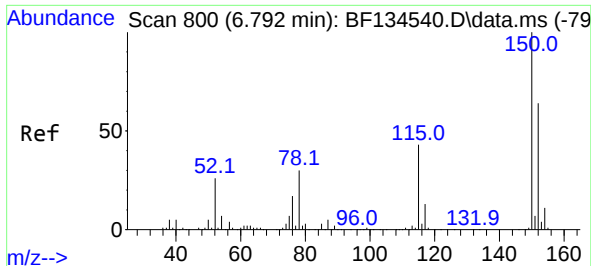
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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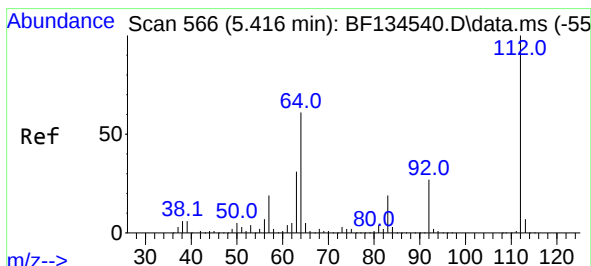
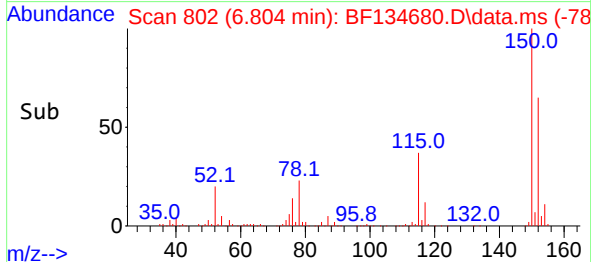
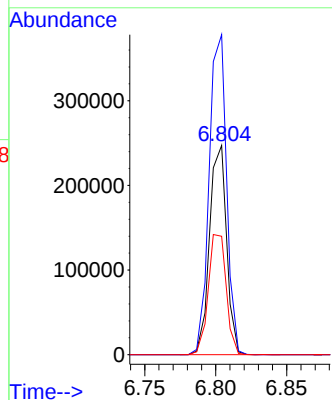
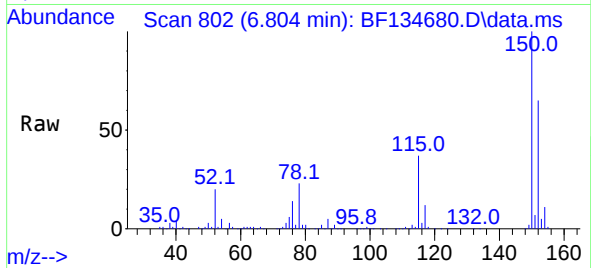




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

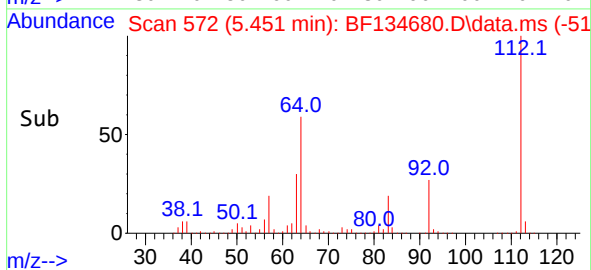
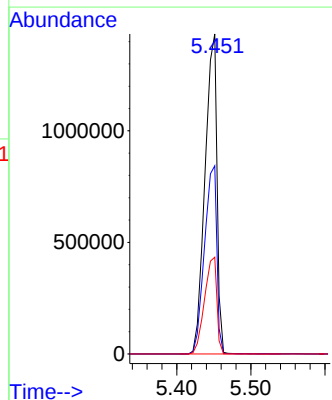
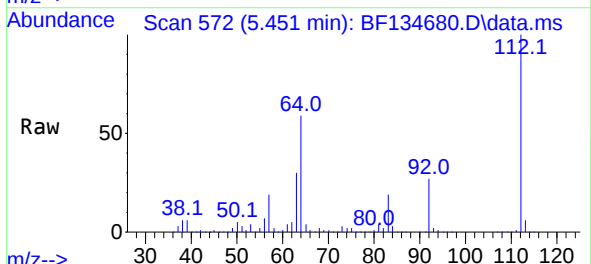
Instrument :
BNA_F
ClientSampleId :
PB154669BL

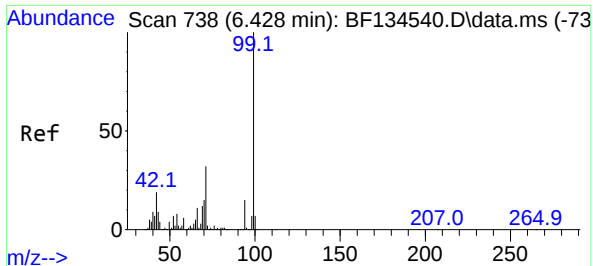
Tgt Ion:152 Resp: 206423
Ion Ratio Lower Upper
152 100
150 152.9 128.3 192.5
115 56.6 52.4 78.6



#5
2-Fluorophenol
Concen: 119.147 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion:112 Resp: 1617958
Ion Ratio Lower Upper
112 100
64 58.8 44.9 67.3
63 30.3 25.4 38.0

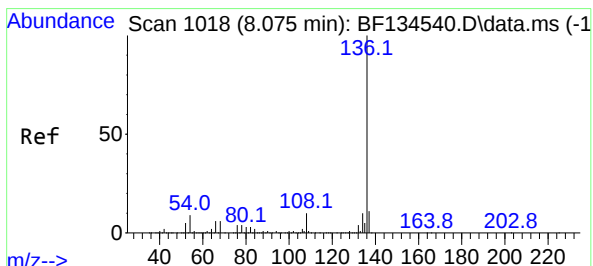
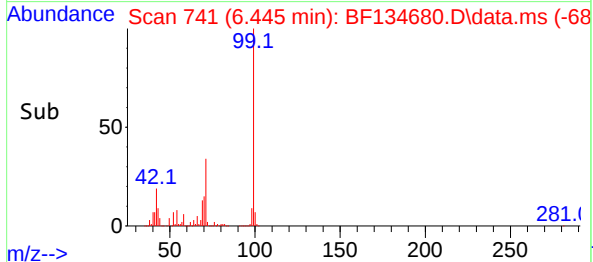
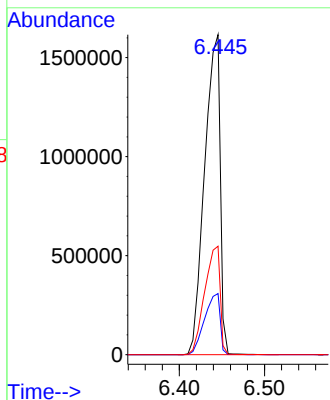
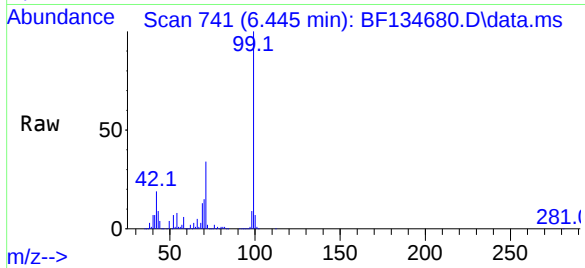




#7
Phenol-d6
Concen: 118.237 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

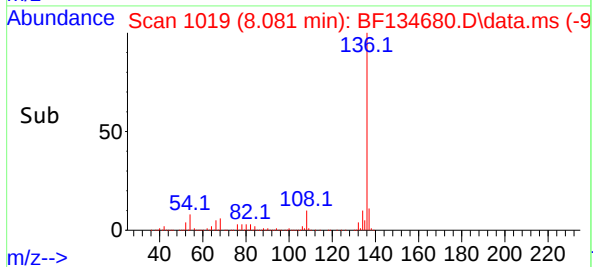
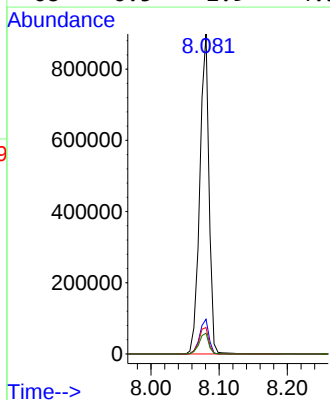
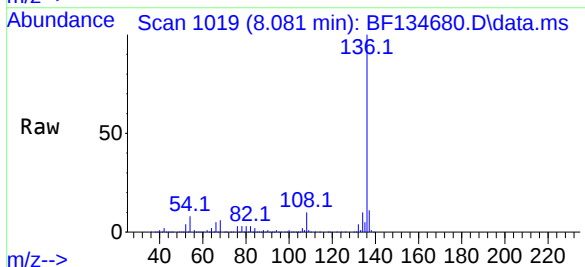
Instrument :
BNA_F
ClientSampleId :
PB154669BL

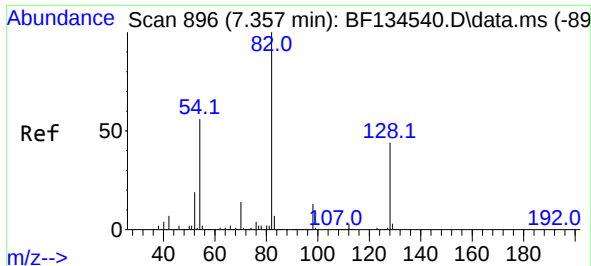
Tgt Ion: 99 Resp: 2052462
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion:136 Resp: 841405
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 99.287 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

Instrument :

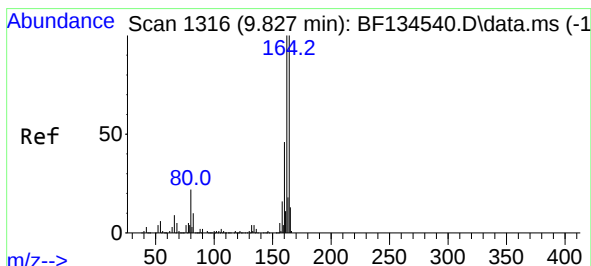
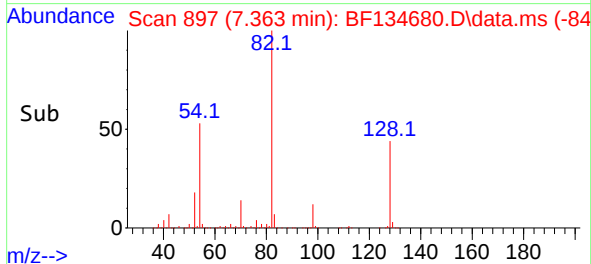
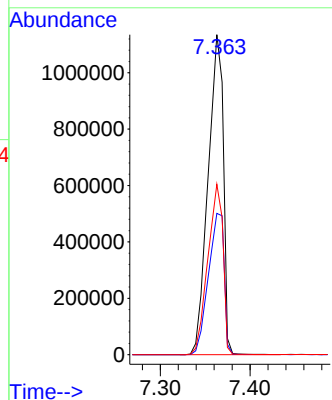
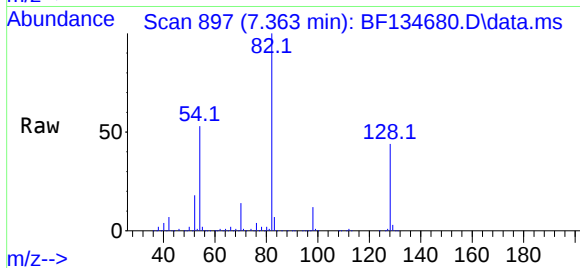
BNA_F

ClientSampleId :

PB154669BL

Tgt Ion: 82 Resp: 1336808

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.3	51.5
54	53.2	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

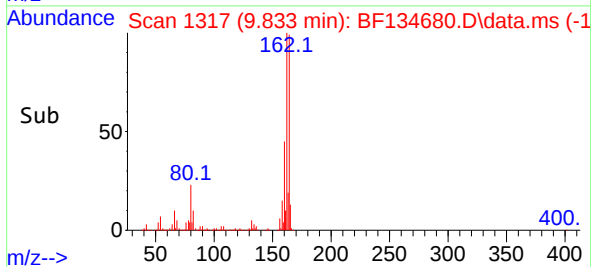
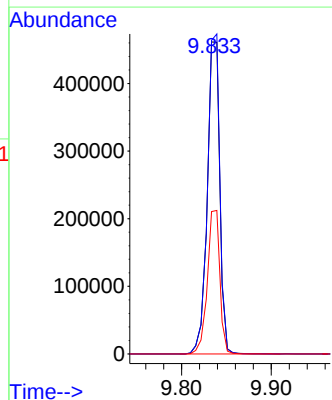
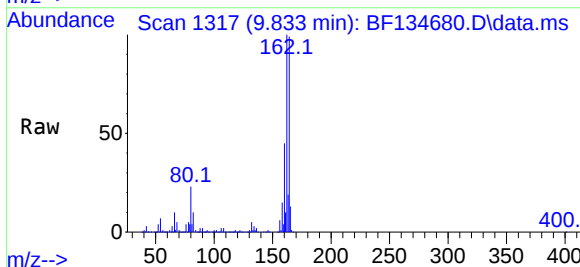
Delta R.T. 0.000 min

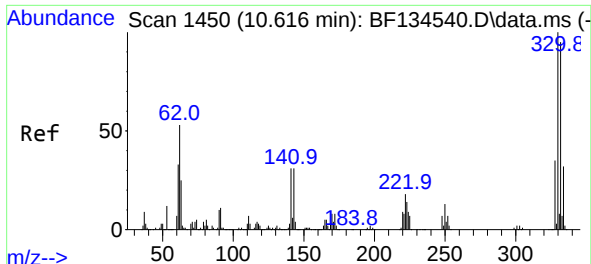
Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

Tgt Ion:164 Resp: 448259

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.7	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 147.441 ng

RT: 10.633 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154669BL

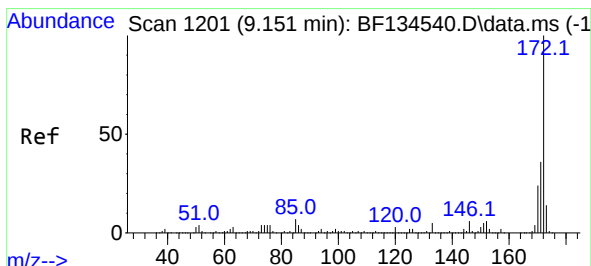
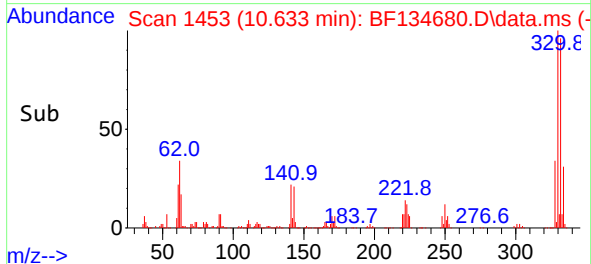
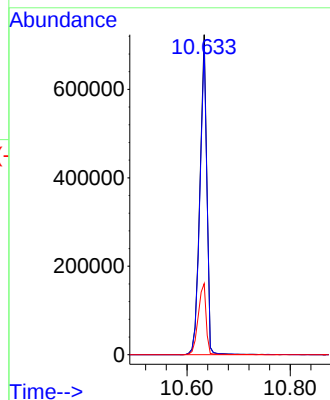
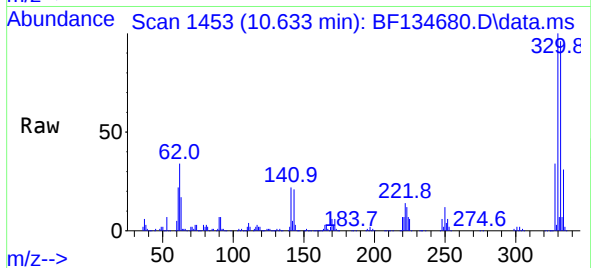
Tgt Ion:330 Resp: 673744

Ion Ratio Lower Upper

330 100

332 96.6 78.8 118.2

141 25.2 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 85.703 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

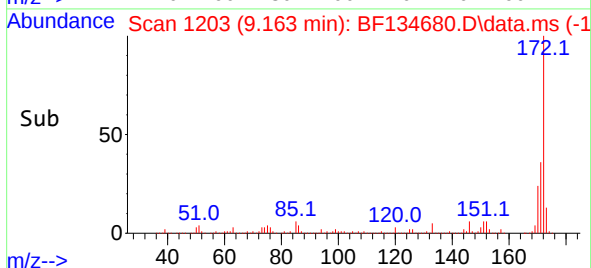
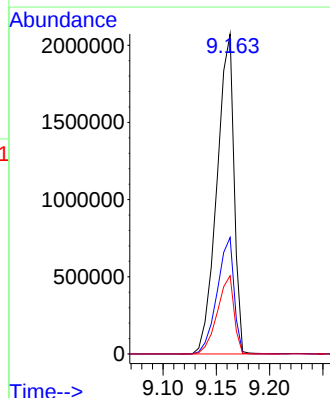
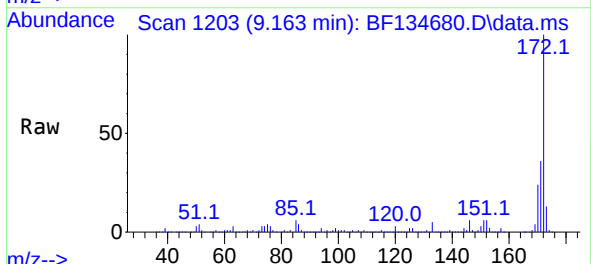
Tgt Ion:172 Resp: 2310545

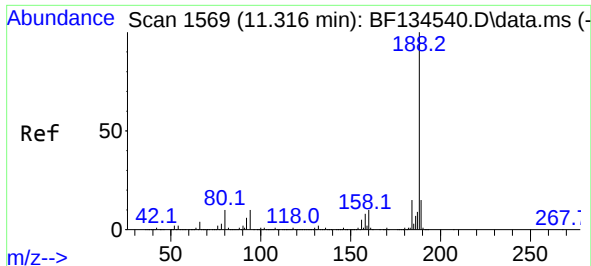
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.5 18.7 28.1

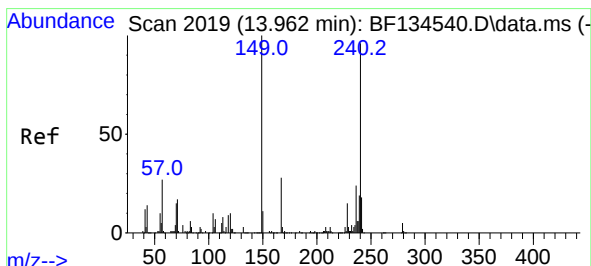
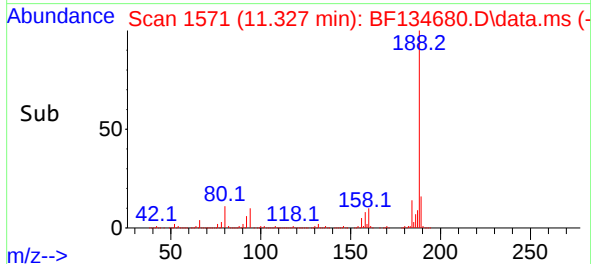
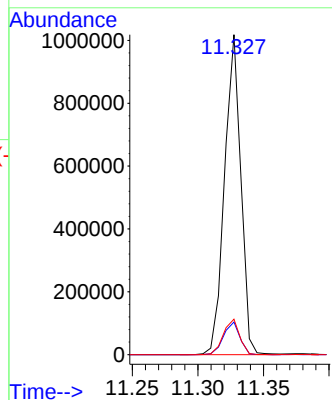
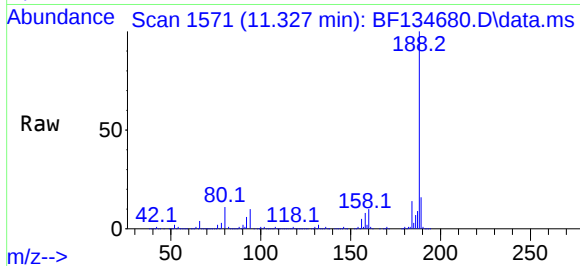




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

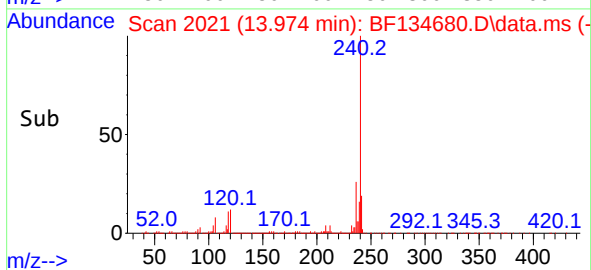
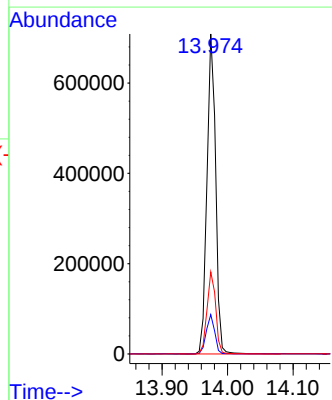
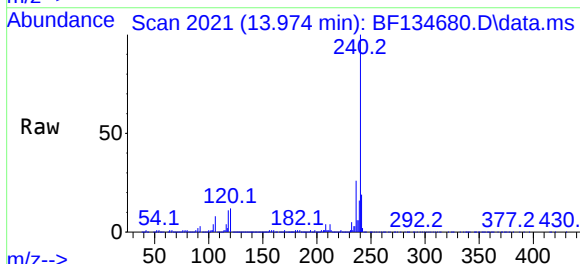
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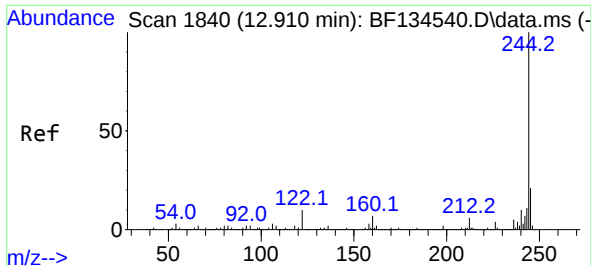
Tgt Ion:188 Resp: 878690
Ion Ratio Lower Upper
188 100
94 10.2 5.1 7.7#
80 11.1 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

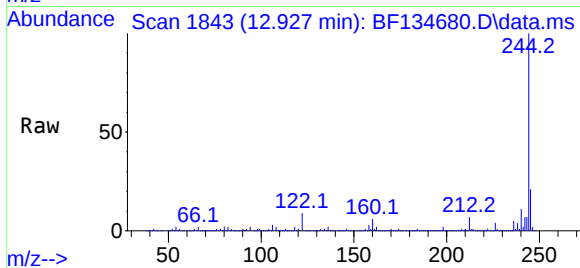
Tgt Ion:240 Resp: 655656
Ion Ratio Lower Upper
240 100
120 12.3 6.6 10.0#
236 25.6 20.2 30.2



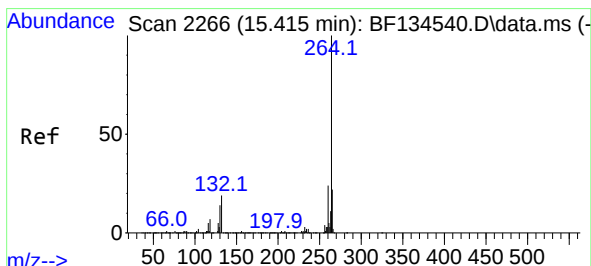
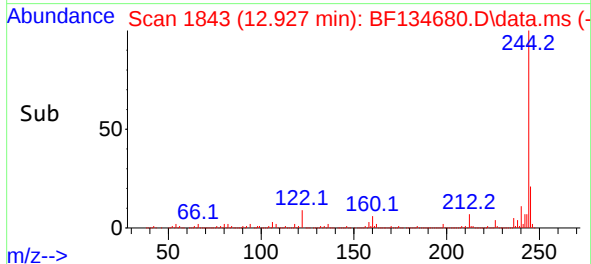
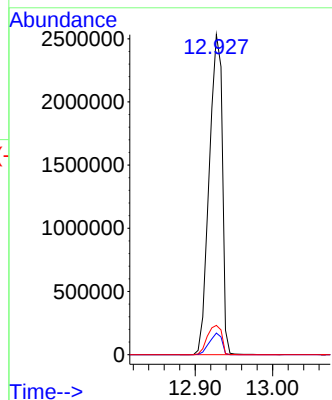


#79
 Terphenyl-d14
 Concen: 79.792 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134680.D
 Acq: 09 Aug 2023 09:14

Instrument :
 BNA_F
 ClientSampleId :
 PB154669BL



Tgt Ion:244 Resp: 2967690
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF134680.D
 Acq: 09 Aug 2023 09:14

Tgt Ion:264 Resp: 521516
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.4 15.8 23.8

