

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134798.D
 Acq On : 16 Aug 2023 09:25
 Operator : CG\JU
 Sample : 04017-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-B

Quant Time: Aug 17 01:29:33 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	188024	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	714779	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	347174	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	532944	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	398892	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	302428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	530263	42.870	ng	0.00
7) Phenol-d6	6.428	99	659802	41.729	ng	-0.01
23) Nitrobenzene-d5	7.357	82	392133	34.284	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	152787	43.171	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	740050	35.443	ng	-0.01
79) Terphenyl-d14	12.916	244	652640	28.843	ng	0.00

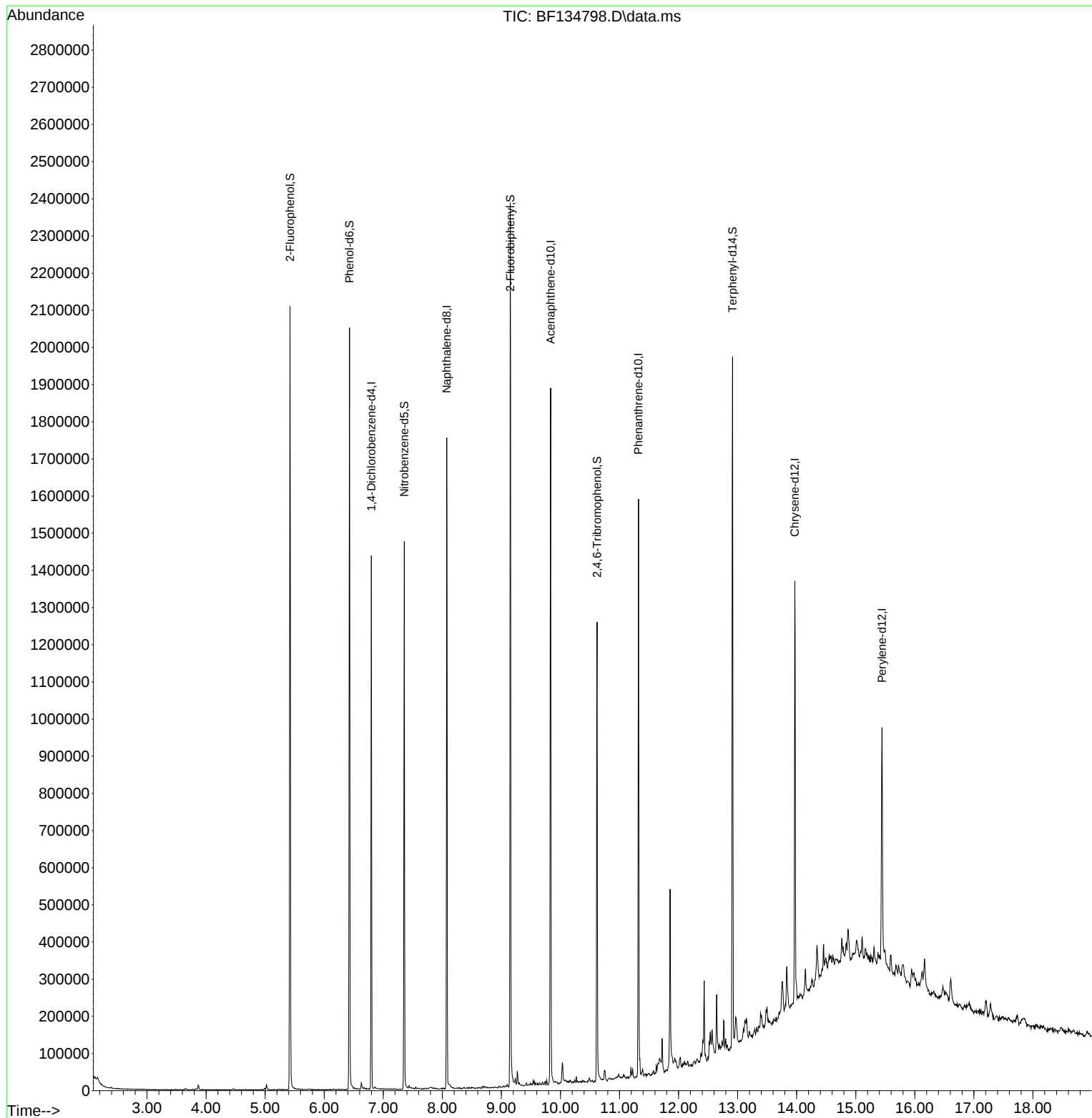
Target Compounds Qvalue

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

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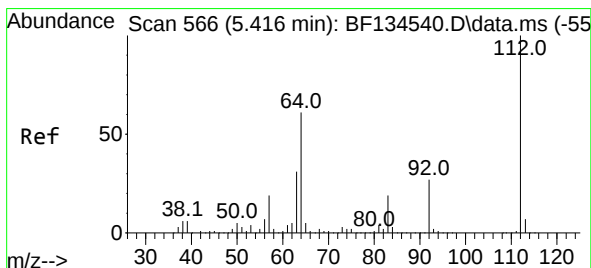
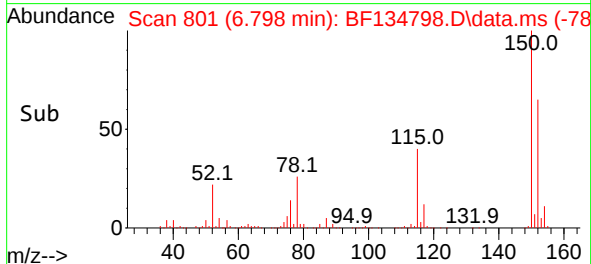
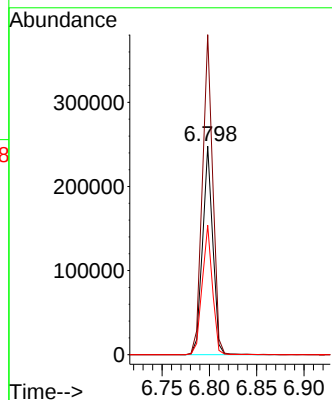
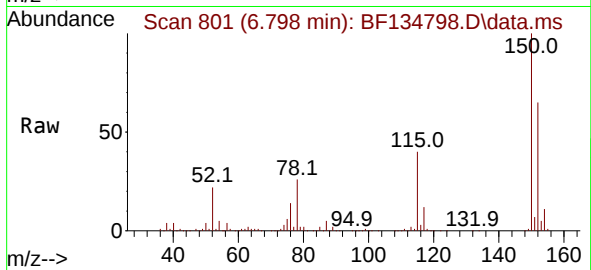




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134798.D
 Acq: 16 Aug 2023 09:25

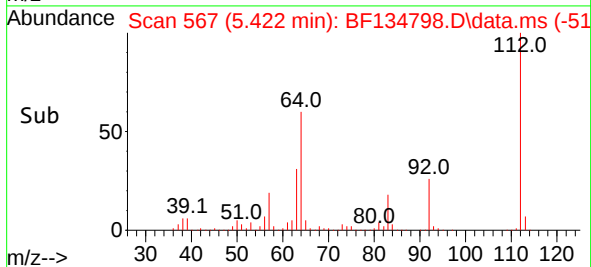
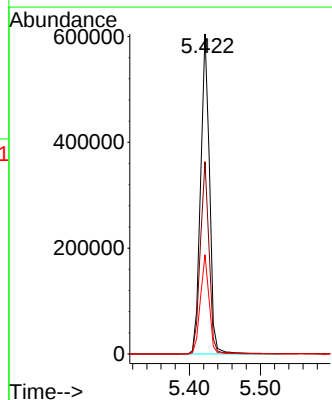
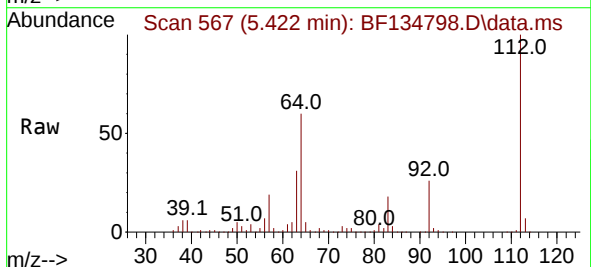
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-B

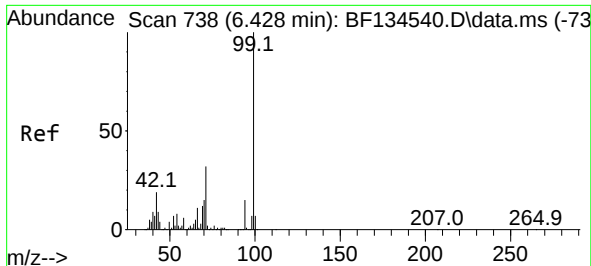
Tgt Ion:152 Resp: 188024
 Ion Ratio Lower Upper
 152 100
 150 153.4 128.3 192.5
 115 62.1 52.4 78.6



#5
 2-Fluorophenol
 Concen: 42.870 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF134798.D
 Acq: 16 Aug 2023 09:25

Tgt Ion:112 Resp: 530263
 Ion Ratio Lower Upper
 112 100
 64 60.1 44.9 67.3
 63 31.0 25.4 38.0

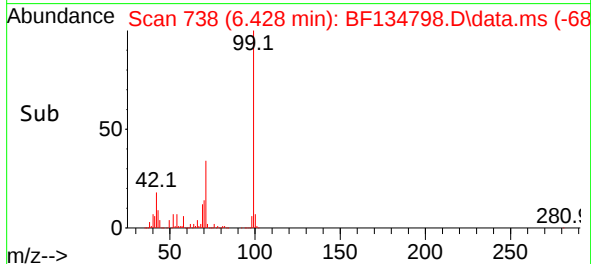
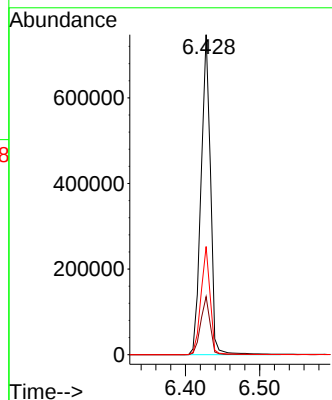
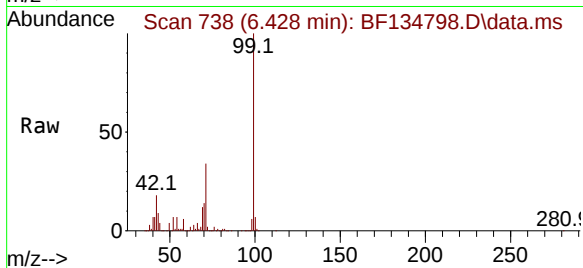




#7
Phenol-d6
Concen: 41.729 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

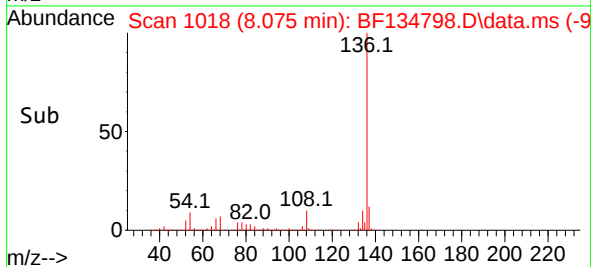
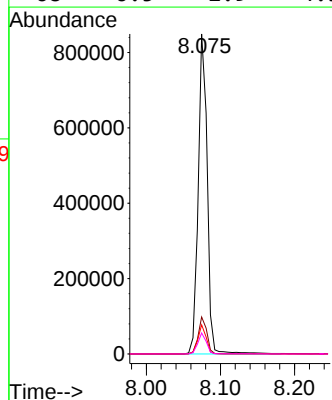
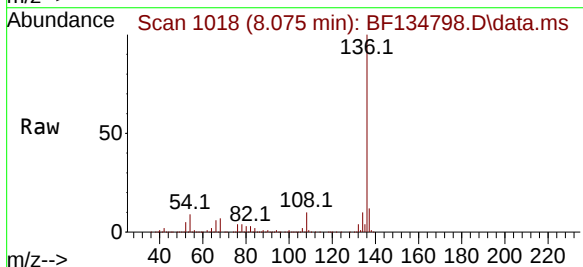
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

Tgt Ion: 99 Resp: 659802
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 33.8 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: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion: 136 Resp: 714779
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.1 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 34.284 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134798.D

Acq: 16 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

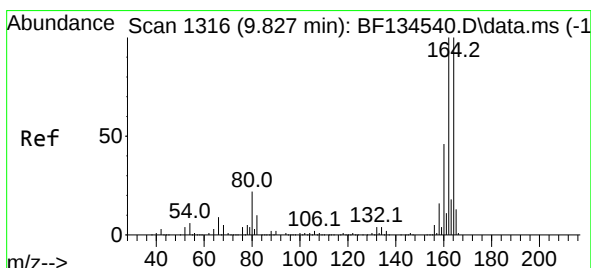
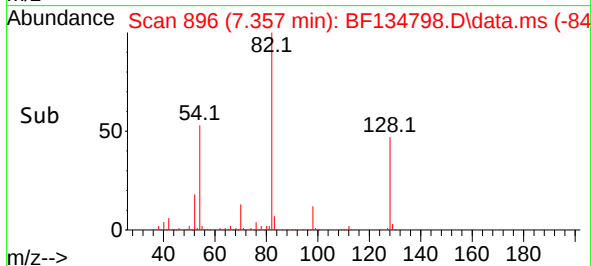
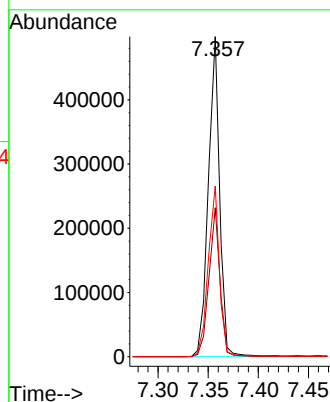
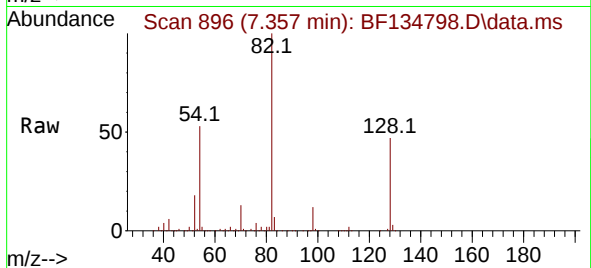
Tgt Ion: 82 Resp: 392133

Ion Ratio Lower Upper

82 100

128 46.6 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: BF134798.D

Acq: 16 Aug 2023 09:25

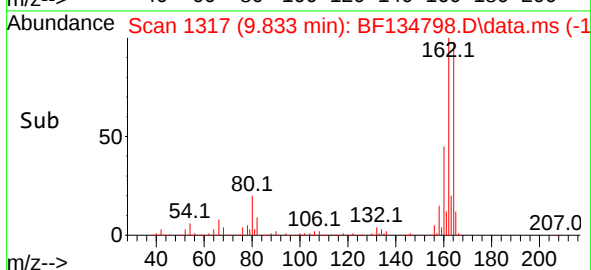
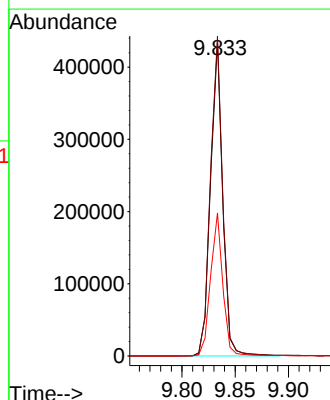
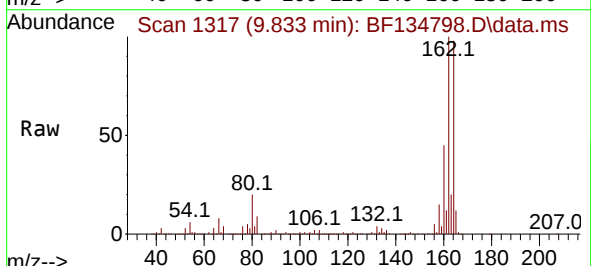
Tgt Ion: 164 Resp: 347174

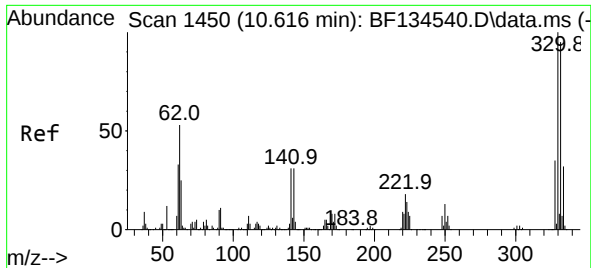
Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 45.5 37.2 55.8

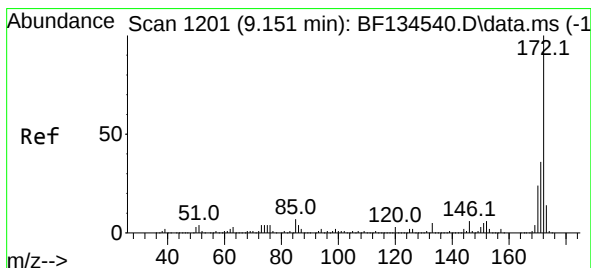
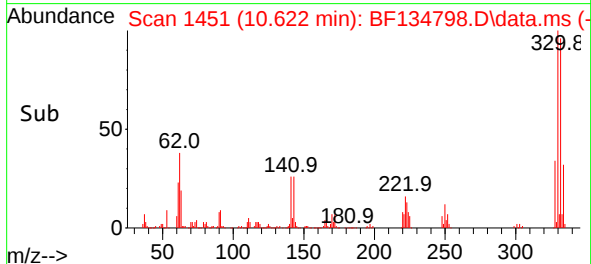
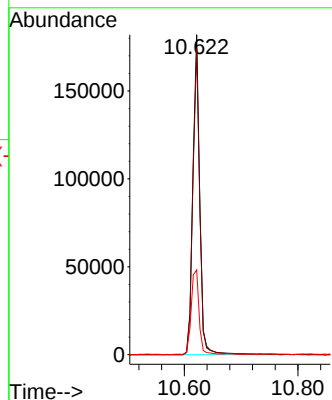
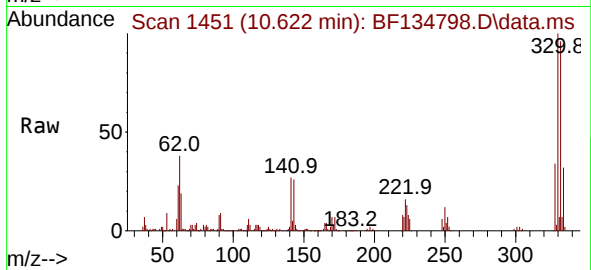




#42
2,4,6-Tribromophenol
Concen: 43.171 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

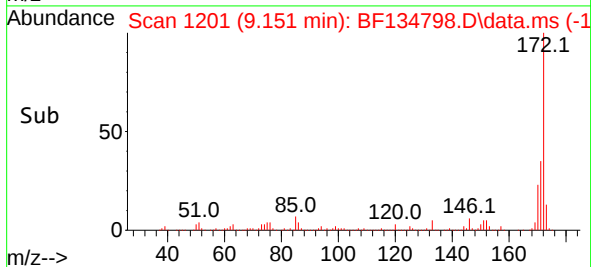
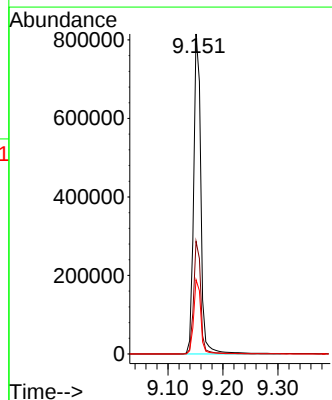
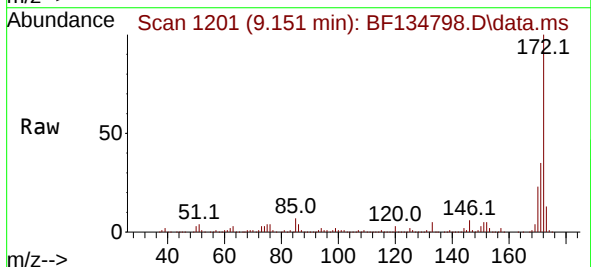
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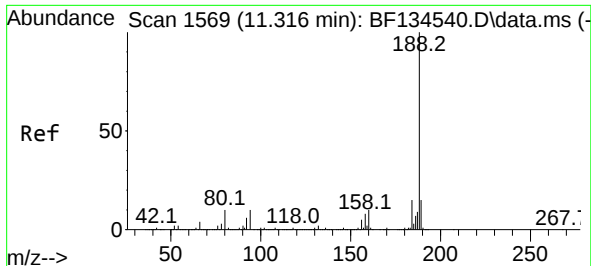
Tgt Ion:330 Resp: 152787
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 30.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 35.443 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:172 Resp: 740050
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.2 18.7 28.1

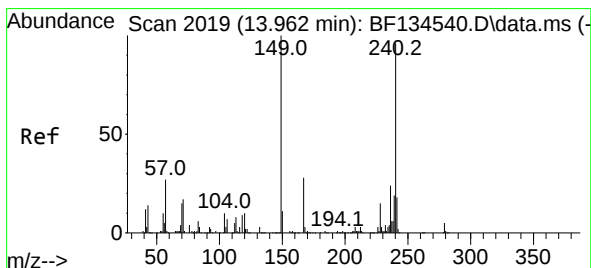
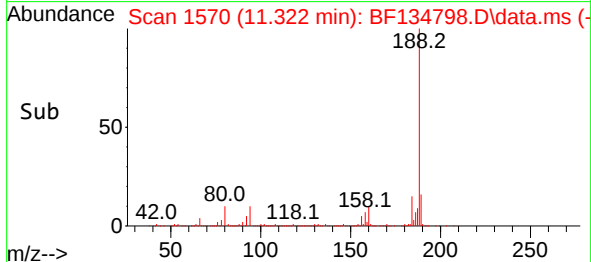
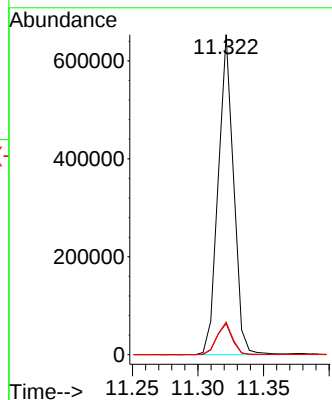
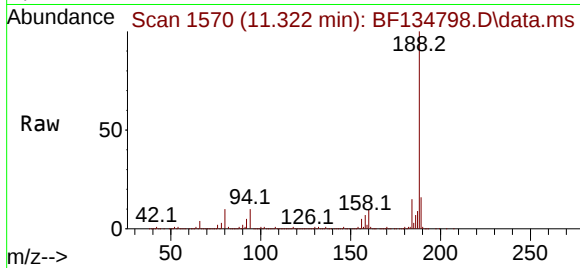




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

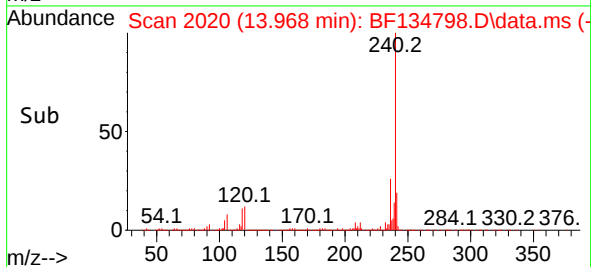
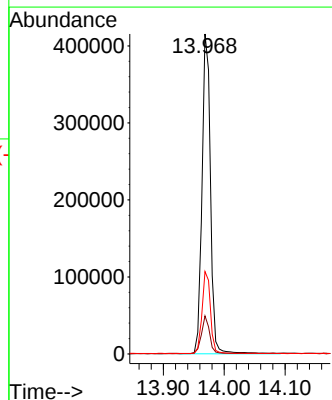
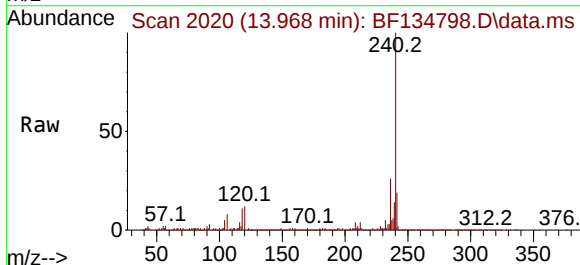
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

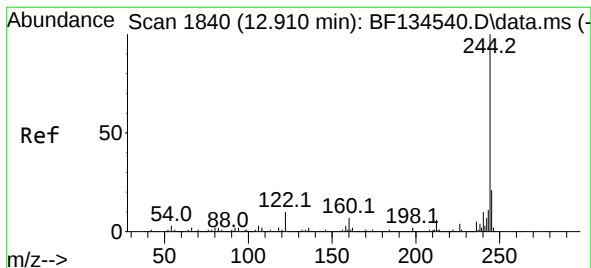
Tgt Ion:188 Resp: 532944
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.2 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134798.D
Acq: 16 Aug 2023 09:25

Tgt Ion:240 Resp: 398892
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 28.843 ng

RT: 12.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134798.D

Acq: 16 Aug 2023 09:25

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

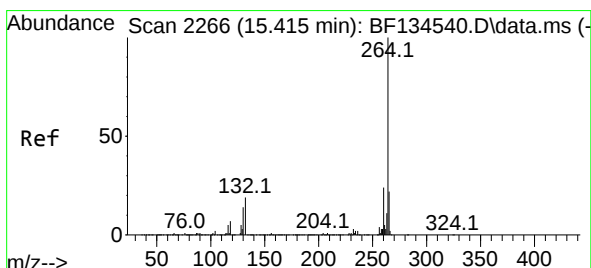
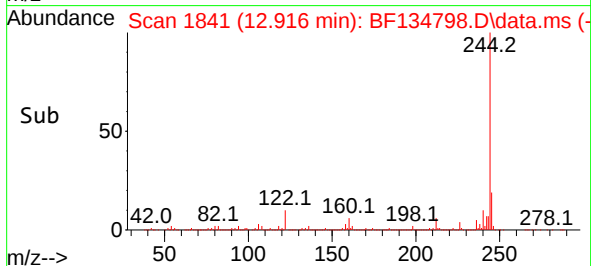
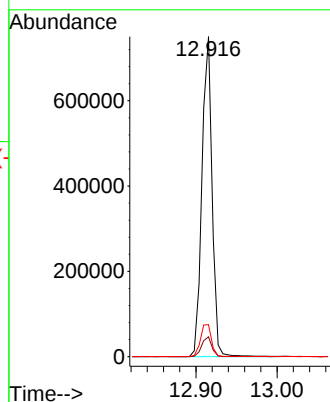
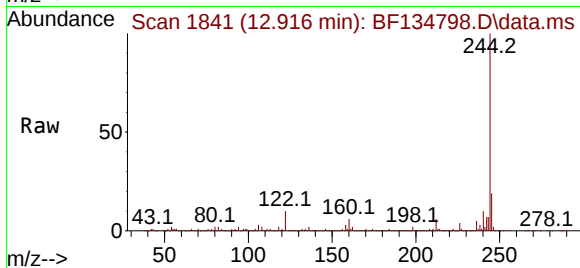
Tgt Ion:244 Resp: 652640

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.0 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: BF134798.D

Acq: 16 Aug 2023 09:25

Tgt Ion:264 Resp: 302428

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.6 15.8 23.8

