

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134552.D
 Acq On : 01 Aug 2023 17:15
 Operator : CG\JU
 Sample : 03784-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-2

Quant Time: Aug 02 02:44:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

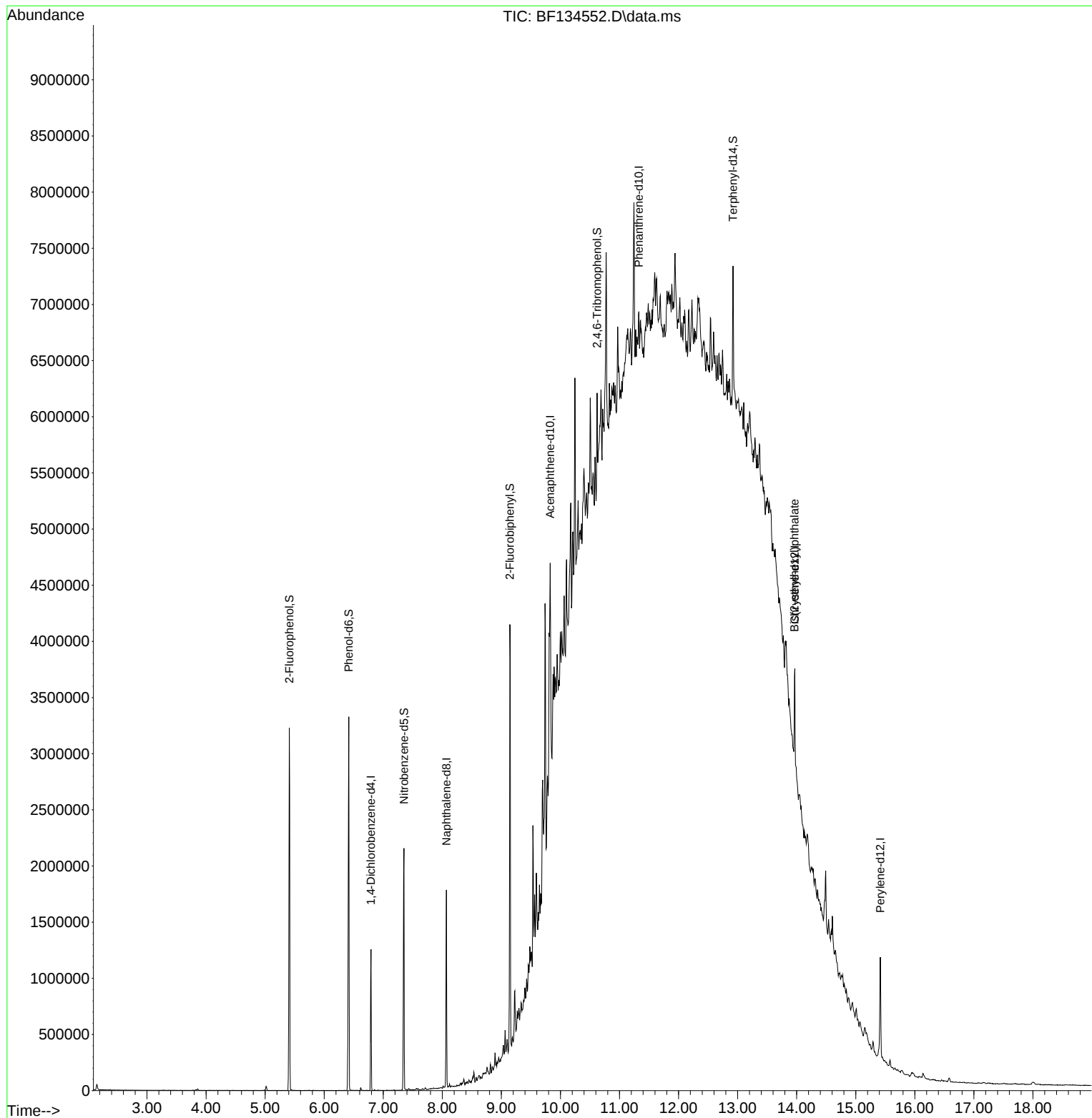
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	167358	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	661646	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	285811	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	331201	20.000	ng	# 0.01
76) Chrysene-d12	13.968	240	326960	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	385745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	892903	81.102	ng	0.00
7) Phenol-d6	6.416	99	1115847	79.286	ng	-0.01
23) Nitrobenzene-d5	7.351	82	636803	60.146	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	210209	72.148	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1179312	68.606	ng	0.00
79) Terphenyl-d14	12.921	244	759157	40.931	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.963	149	37988	3.374	ng	Qvalue 99

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

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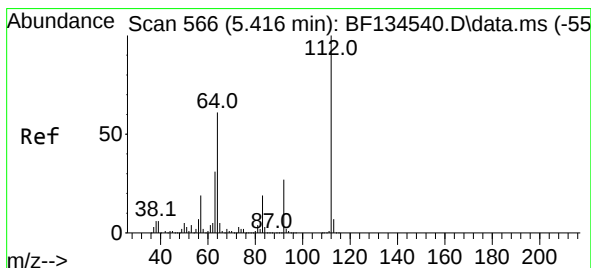
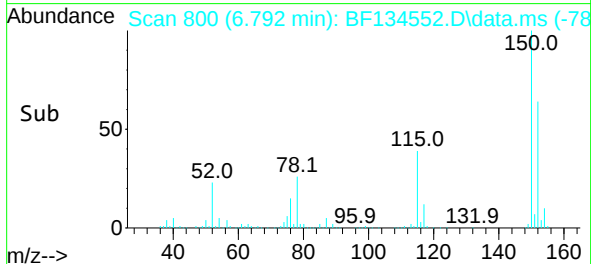
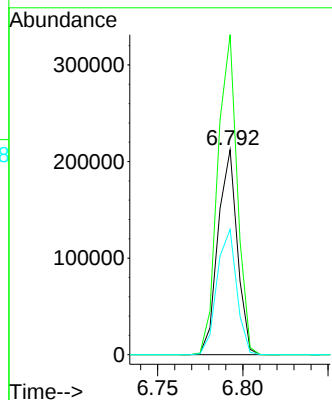
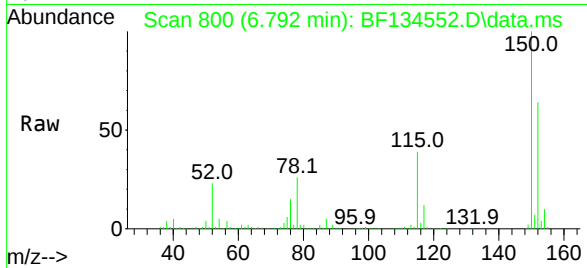




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

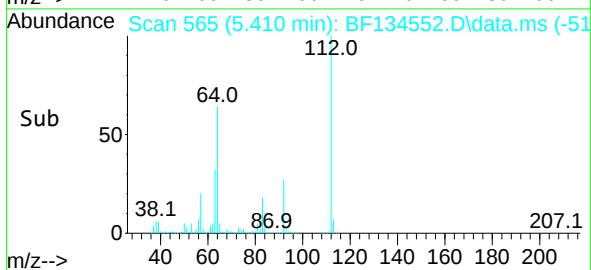
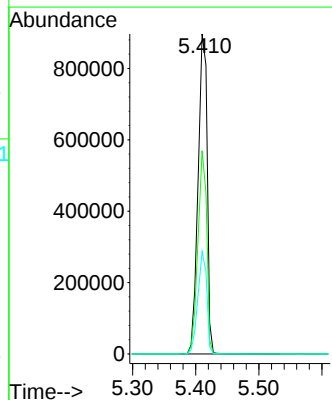
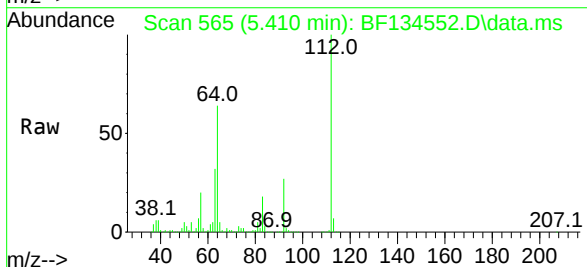
Instrument :
BNA_F
ClientSampleId :
OS-2

Tgt Ion:152 Resp: 167358
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 61.1 52.4 78.6



#5
2-Fluorophenol
Concen: 81.102 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:112 Resp: 892903
Ion Ratio Lower Upper
112 100
64 63.5 44.9 67.3
63 32.0 25.4 38.0

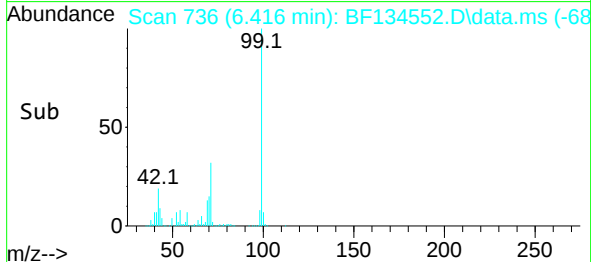
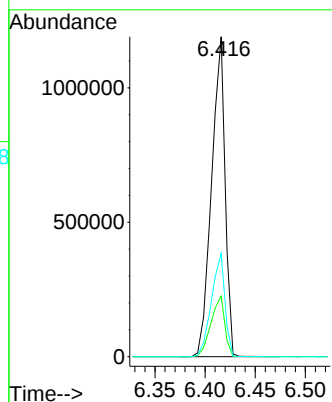
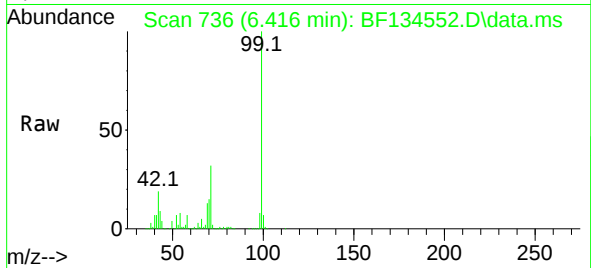




#7
Phenol-d6
Concen: 79.286 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

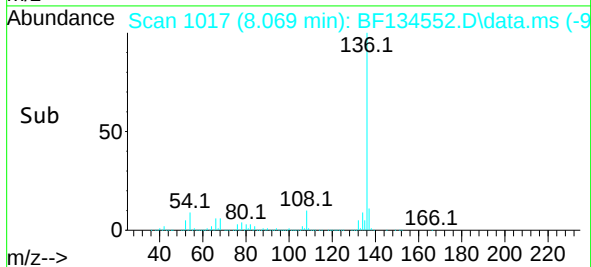
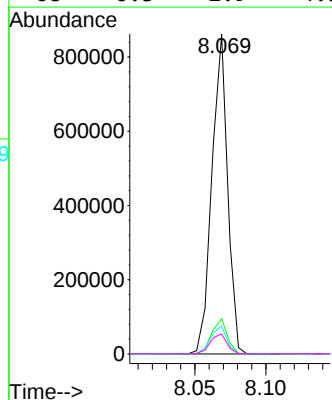
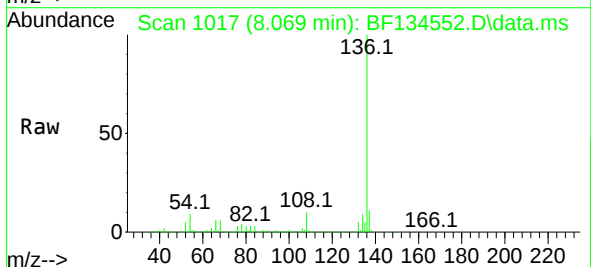
Instrument :
BNA_F
ClientSampleId :
OS-2

Tgt Ion: 99 Resp: 1115847
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion: 136 Resp: 661646
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.7 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 60.146 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

Instrument :

BNA_F

ClientSampleId :

OS-2

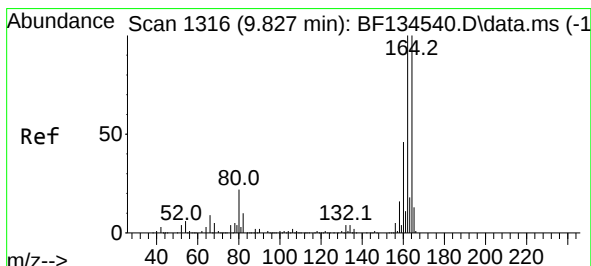
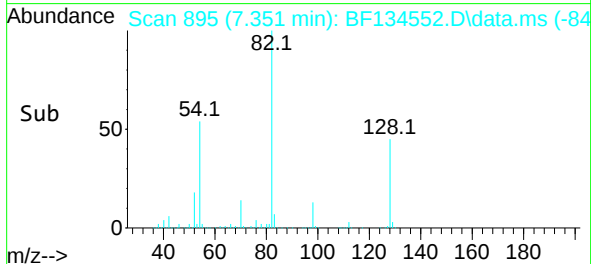
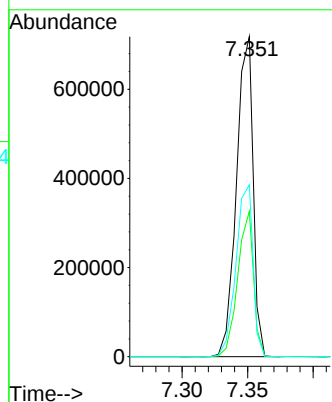
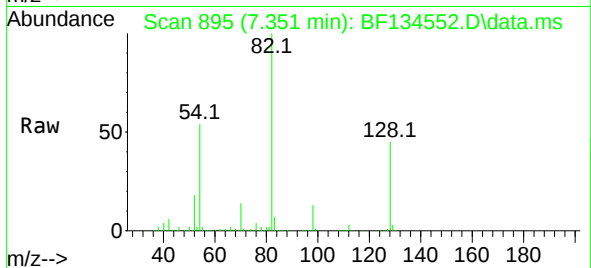
Tgt Ion: 82 Resp: 636803

Ion Ratio Lower Upper

82 100

128 45.4 34.3 51.5

54 53.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

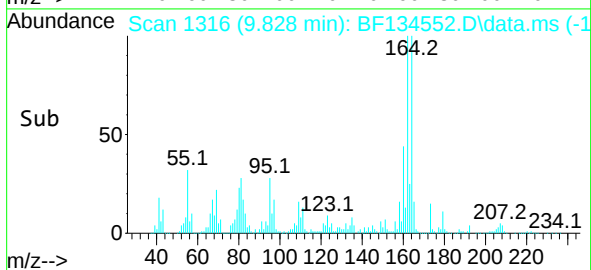
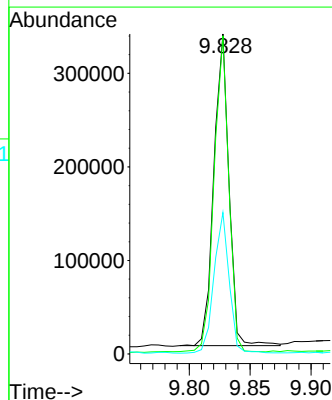
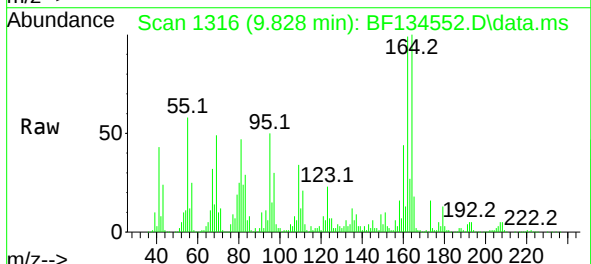
Tgt Ion:164 Resp: 285811

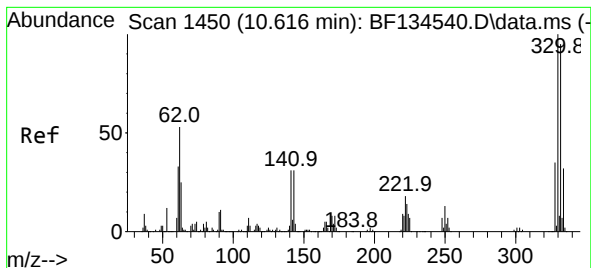
Ion Ratio Lower Upper

164 100

162 99.4 82.6 123.8

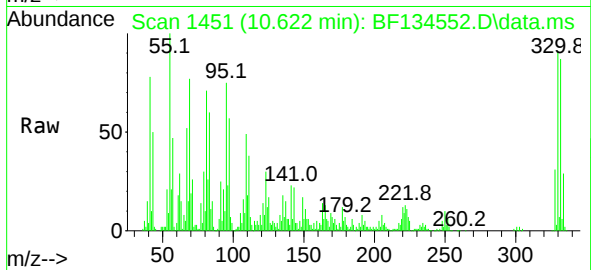
160 44.2 37.2 55.8



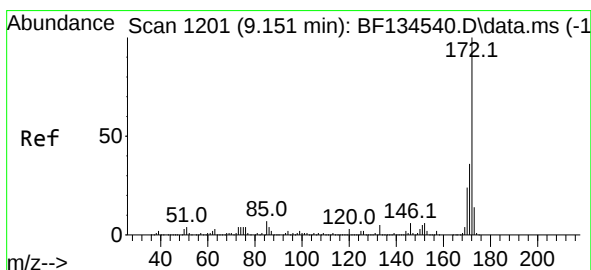
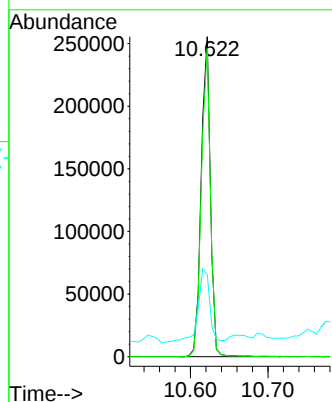
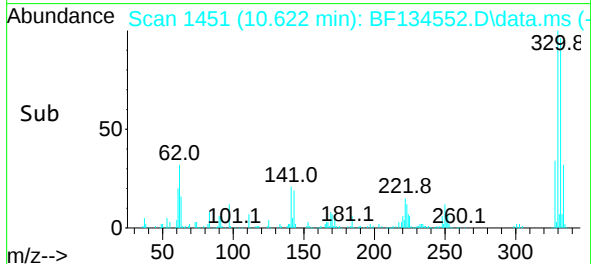


#42
2,4,6-Tribromophenol
Concen: 72.148 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

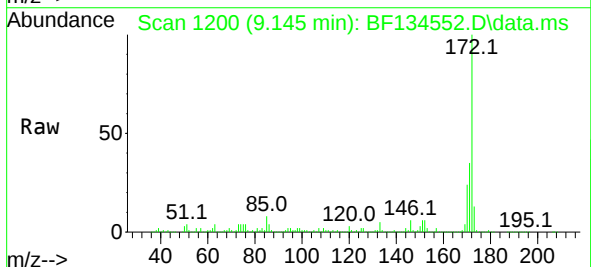
Instrument :
BNA_F
ClientSampleId :
OS-2



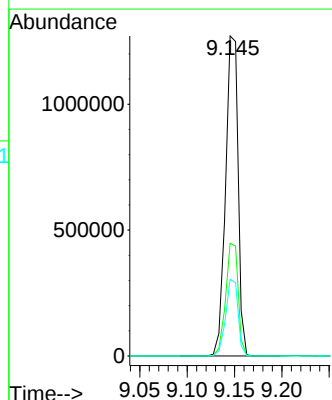
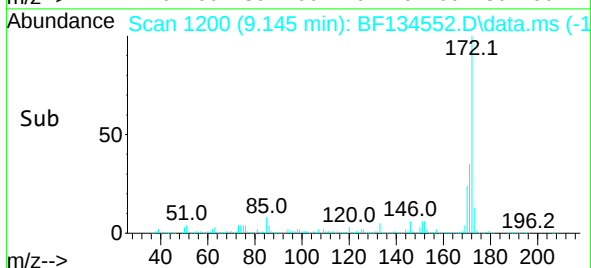
Tgt Ion: 330 Resp: 210209
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 28.6 25.4 38.2

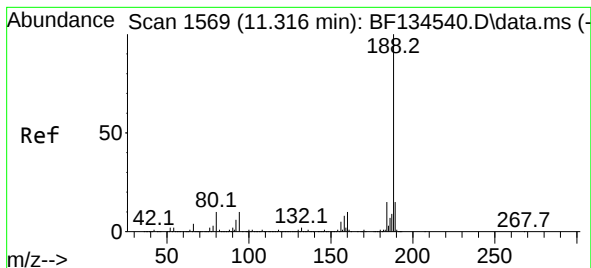


#45
2-Fluorobiphenyl
Concen: 68.606 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15



Tgt Ion: 172 Resp: 1179312
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

Instrument :

BNA_F

ClientSampleId :

OS-2

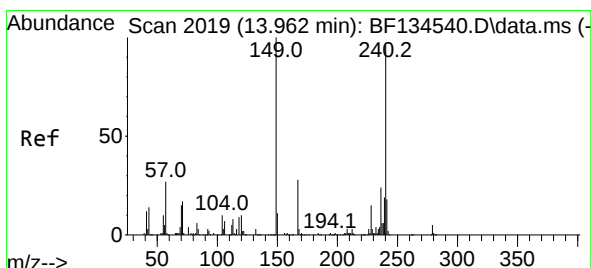
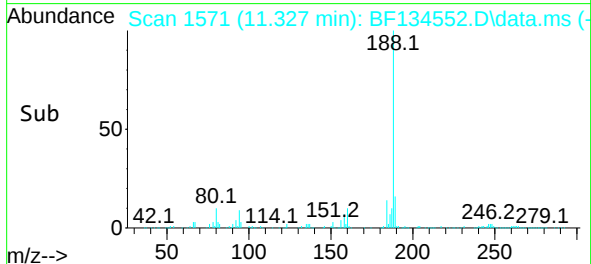
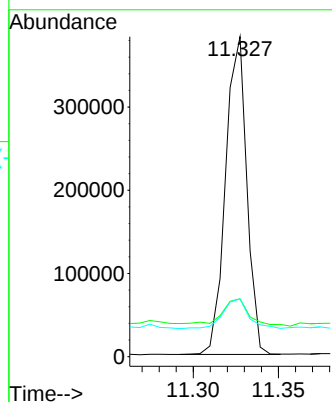
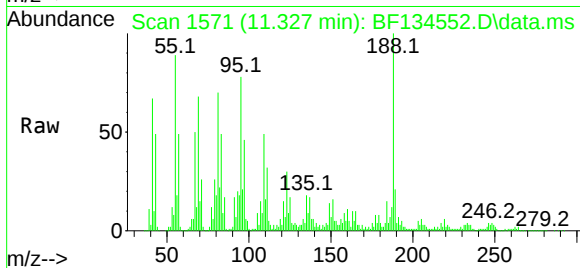
Tgt Ion:188 Resp: 331201

Ion Ratio Lower Upper

188 100

94 18.1 5.1 7.7#

80 18.0 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: BF134552.D

Acq: 01 Aug 2023 17:15

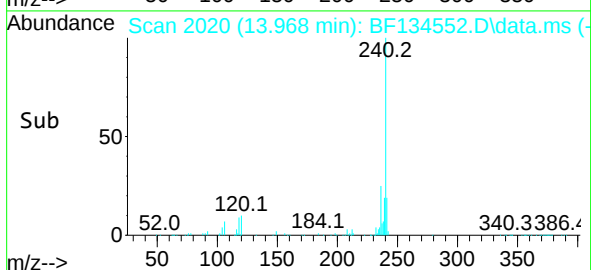
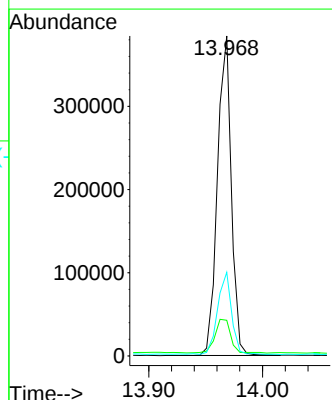
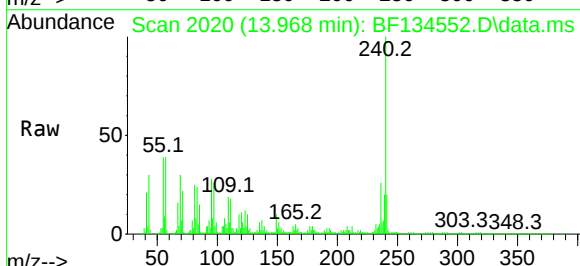
Tgt Ion:240 Resp: 326960

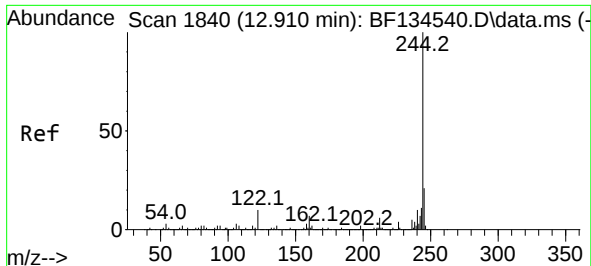
Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 26.2 20.2 30.2

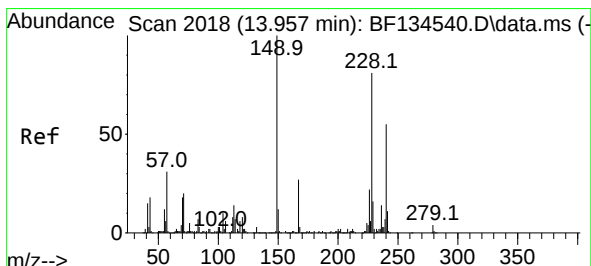
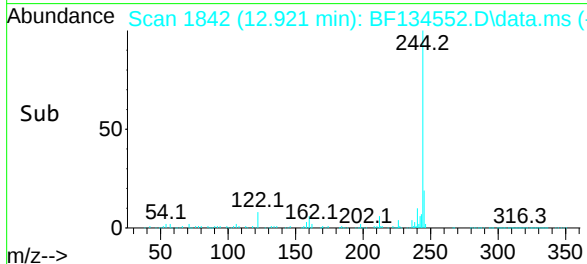
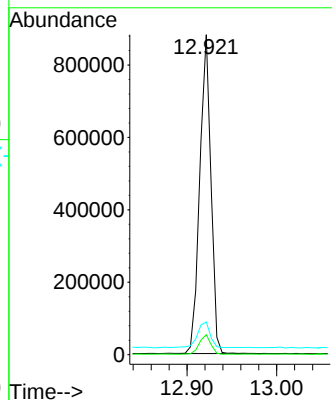
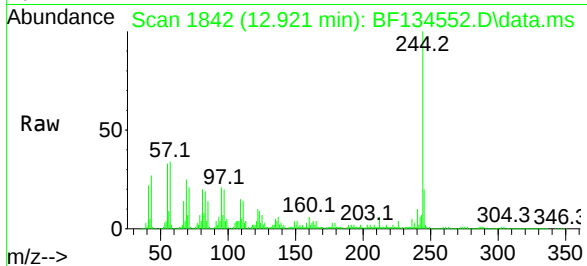




#79
 Terphenyl-d14
 Concen: 40.931 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.012 min
 Lab File: BF134552.D
 Acq: 01 Aug 2023 17:15

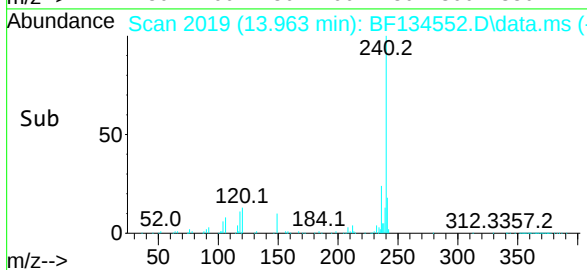
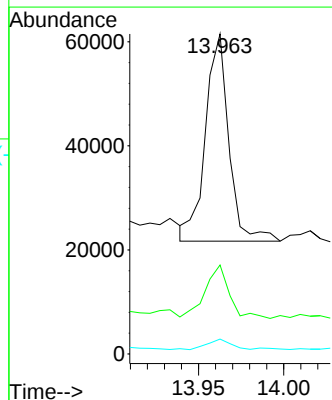
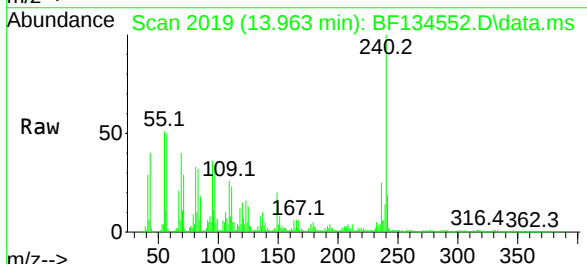
Instrument :
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 OS-2

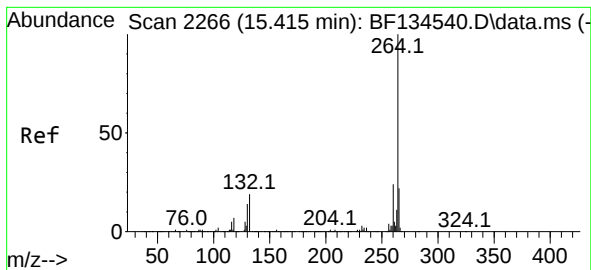
Tgt Ion:244 Resp: 759157
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.2 8.0 12.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.374 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF134552.D
 Acq: 01 Aug 2023 17:15

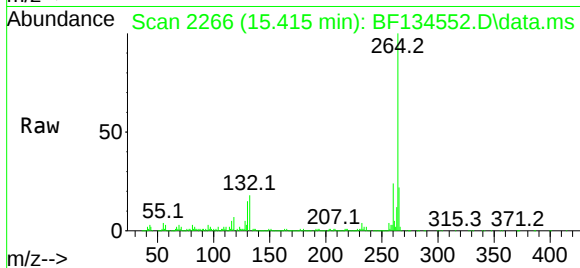
Tgt Ion:149 Resp: 37988
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.6 32.4
 279 4.6 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134552.D
 Acq: 01 Aug 2023 17:15

Instrument :
 BNA_F
 ClientSampleId :
 OS-2



Tgt Ion:	264	Resp:	385745
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.0	15.8	23.8

