

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134643.D
 Acq On : 07 Aug 2023 09:12
 Operator : CG\JU
 Sample : PB154530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154530BL

Quant Time: Aug 08 01:18:57 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	204994	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822333	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	417850	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	778323	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	600261	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	497126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1640648	121.660	ng	0.02
7) Phenol-d6	6.434	99	2119969	122.977	ng	0.00
23) Nitrobenzene-d5	7.363	82	1327686	100.897	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	596160	139.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2191928	87.220	ng	0.00
79) Terphenyl-d14	12.921	244	2596653	76.259	ng	0.00

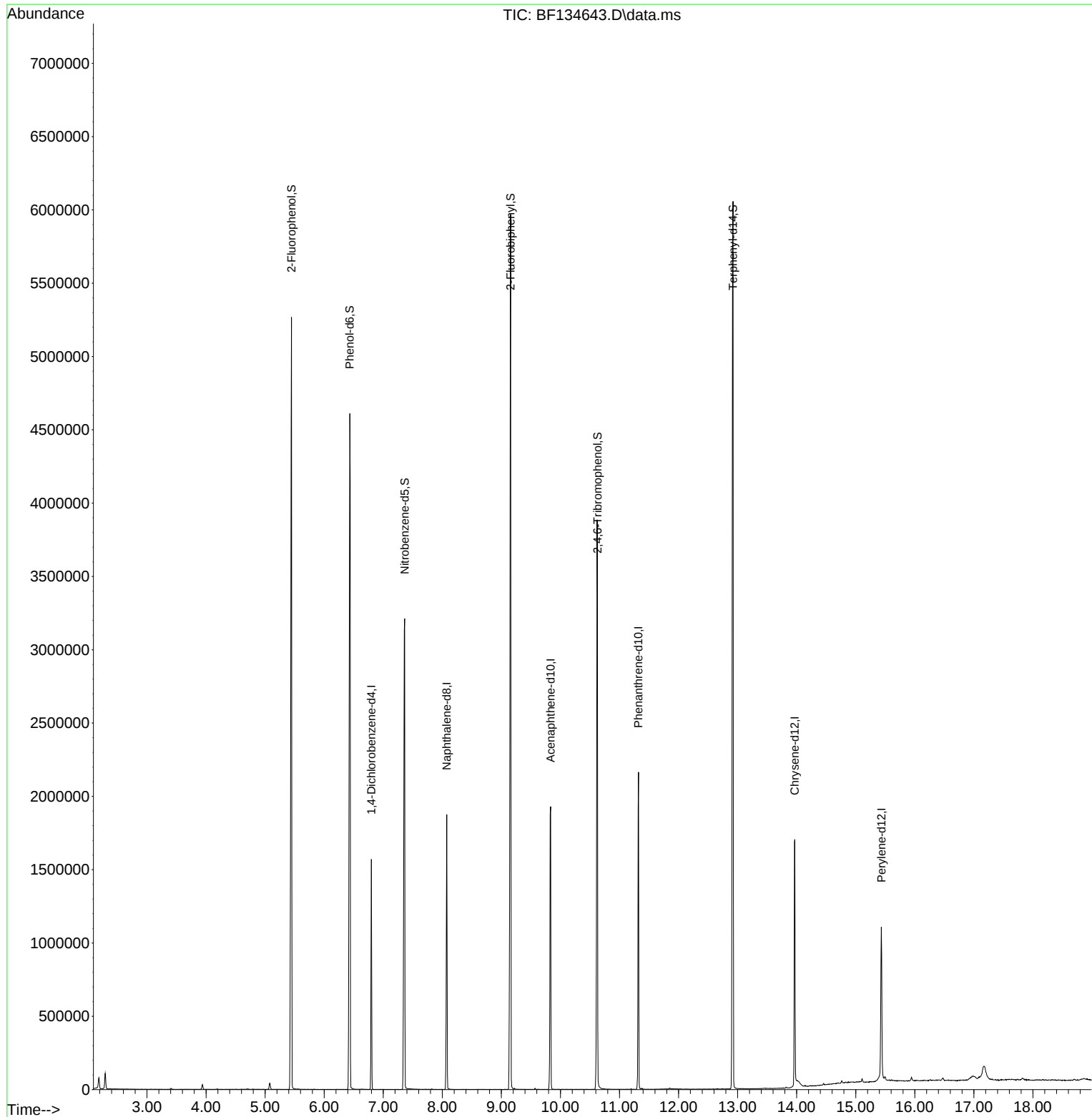
Target Compounds	Qvalue

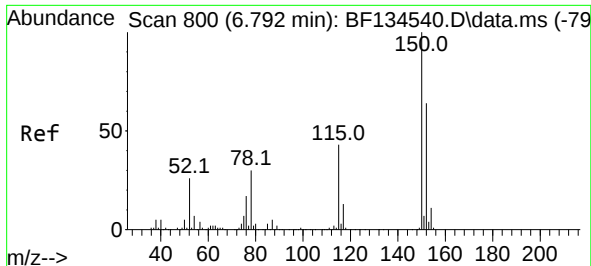
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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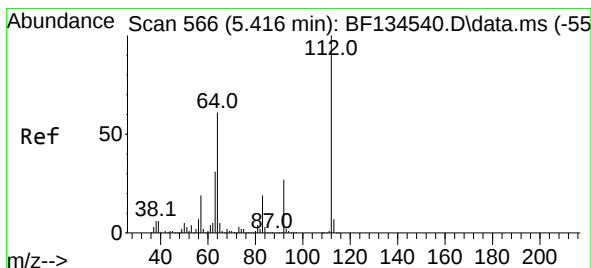
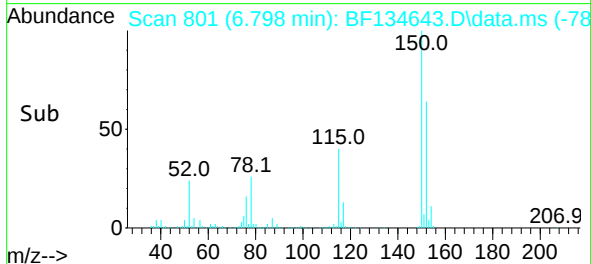
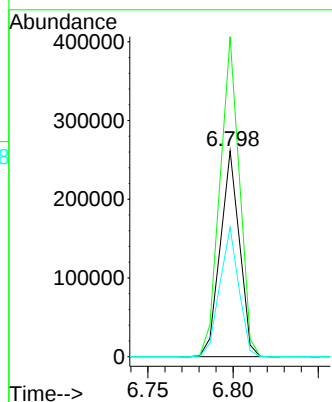
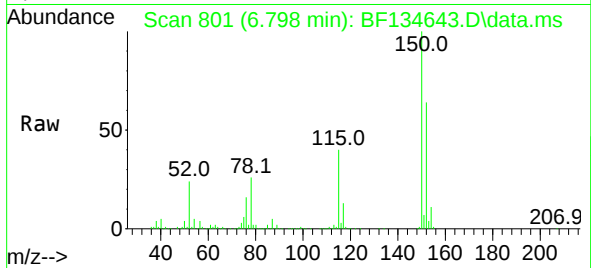




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

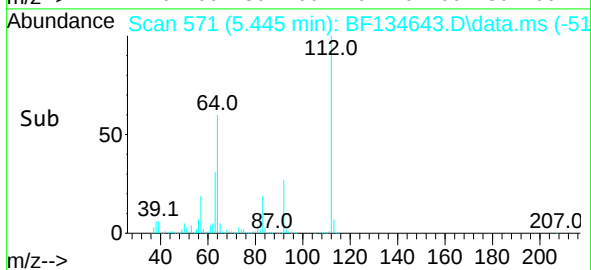
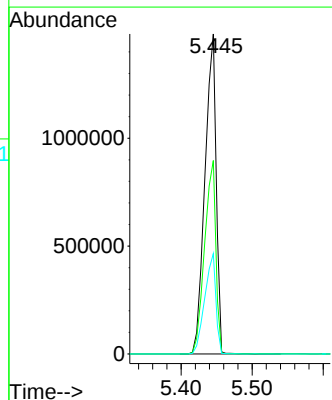
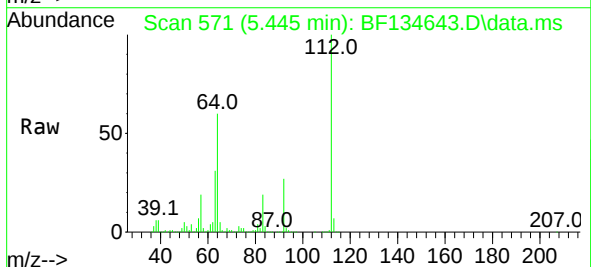
Instrument :
BNA_F
ClientSampleId :
PB154530BL

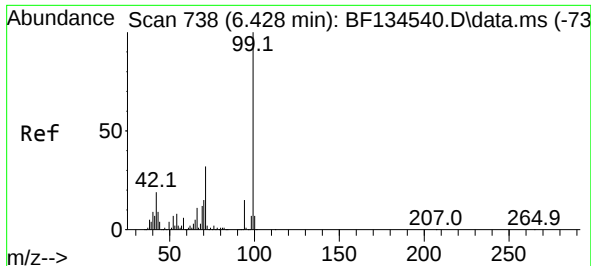
Tgt Ion:152 Resp: 204994
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 62.8 52.4 78.6



#5
2-Fluorophenol
Concen: 121.660 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:112 Resp: 1640648
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 31.3 25.4 38.0

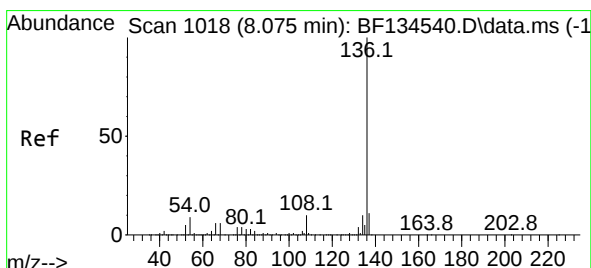
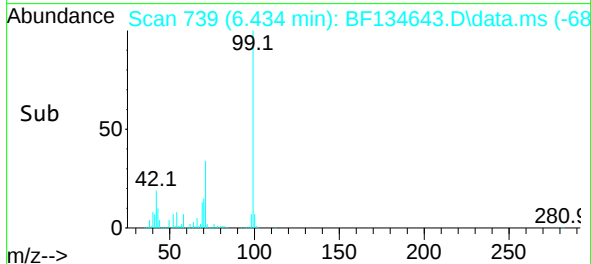
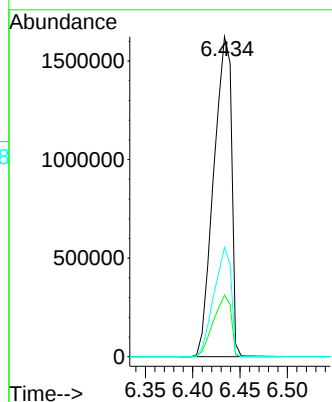
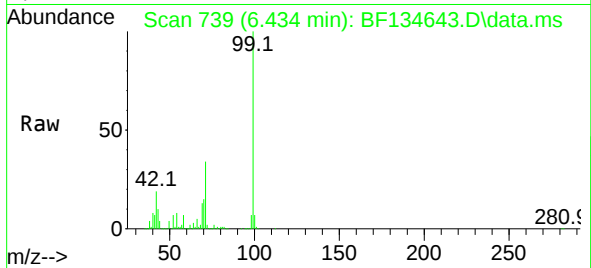




#7
Phenol-d6
Concen: 122.977 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

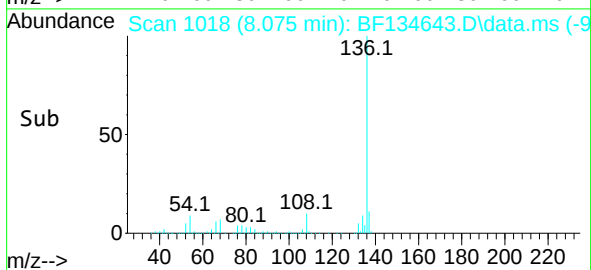
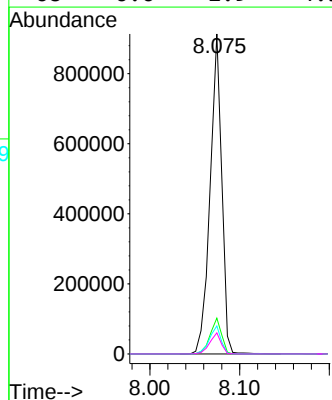
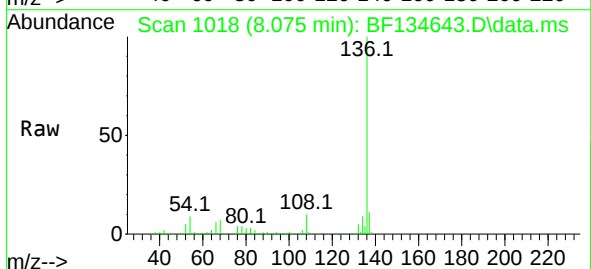
Instrument :
BNA_F
ClientSampleId :
PB154530BL

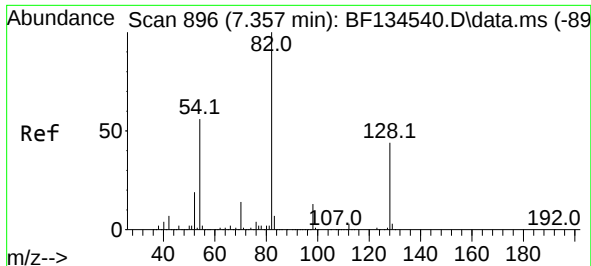
Tgt Ion: 99 Resp: 2119969
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 34.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion: 136 Resp: 822333
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 100.897 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134643.D

Acq: 07 Aug 2023 09:12

Instrument :

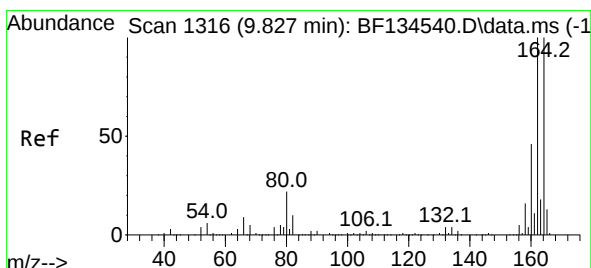
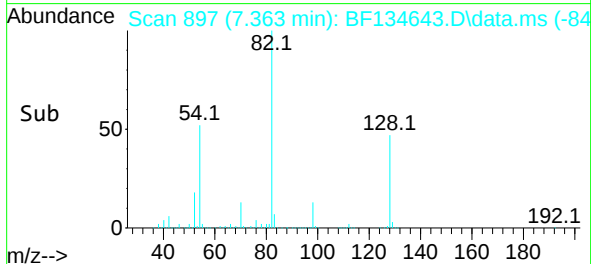
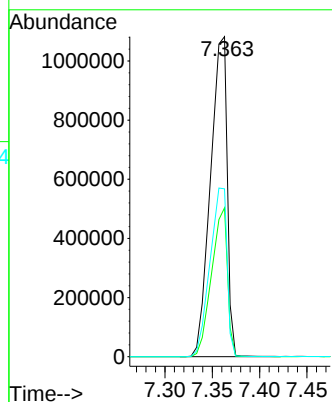
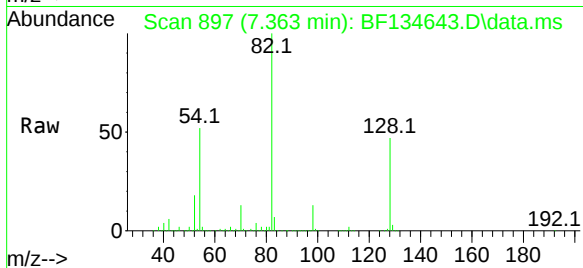
BNA_F

ClientSampleId :

PB154530BL

Tgt Ion: 82 Resp: 1327686

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.3	51.5
54	52.4	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

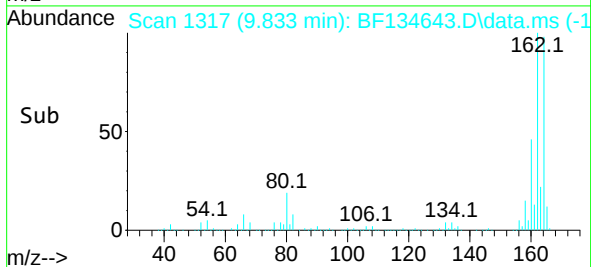
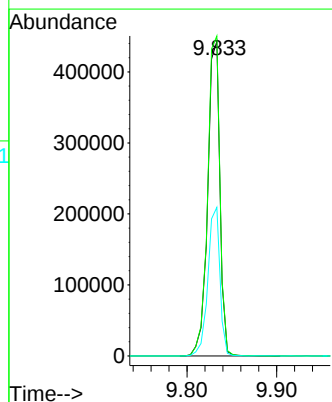
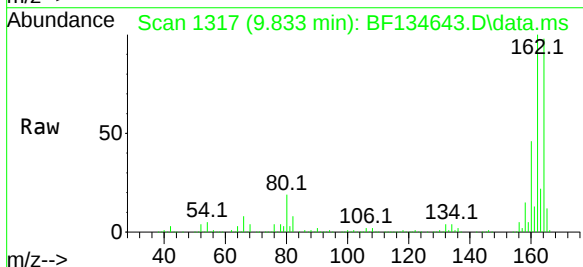
Delta R.T. -0.000 min

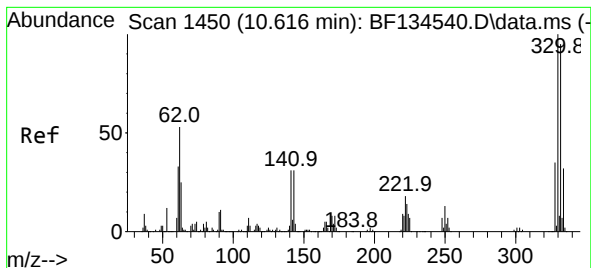
Lab File: BF134643.D

Acq: 07 Aug 2023 09:12

Tgt Ion:164 Resp: 417850

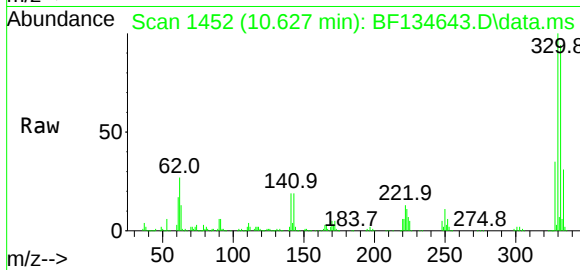
Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	47.3	37.2	55.8



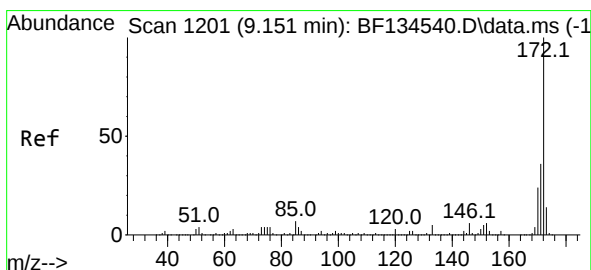
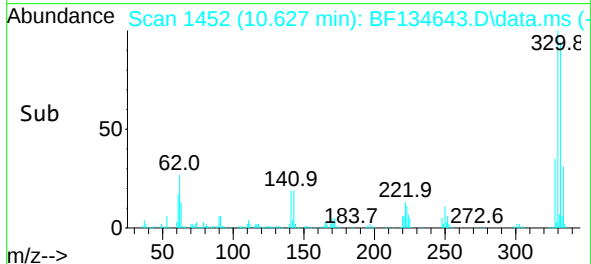
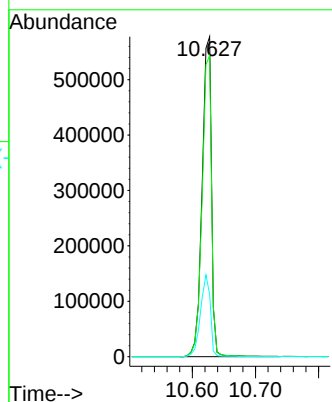


#42
2,4,6-Tribromophenol
Concen: 139.957 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Instrument :
BNA_F
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PB154530BL

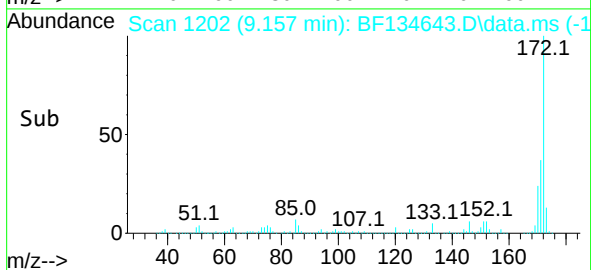
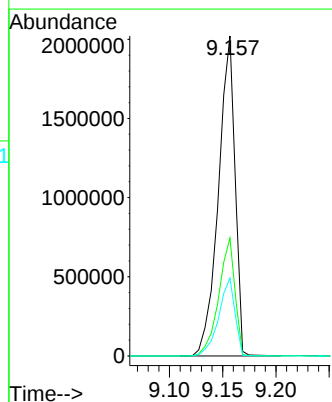
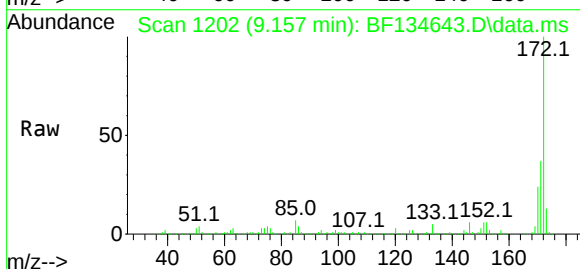


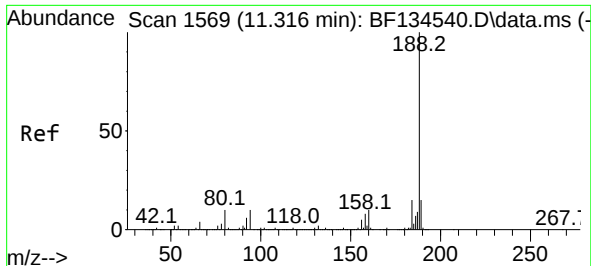
Tgt Ion:330 Resp: 596160
Ion Ratio Lower Upper
330 100
332 94.8 78.8 118.2
141 26.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 87.220 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:172 Resp: 2191928
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 24.3 18.7 28.1

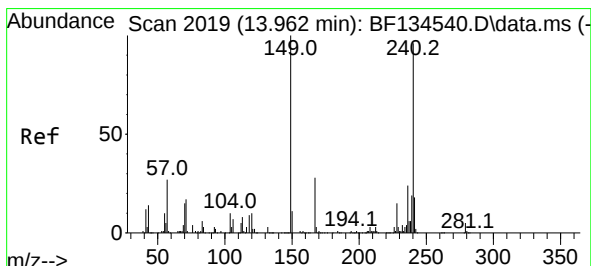
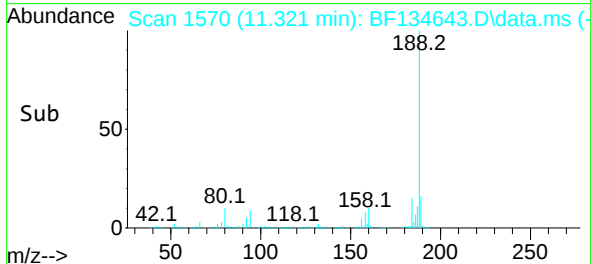
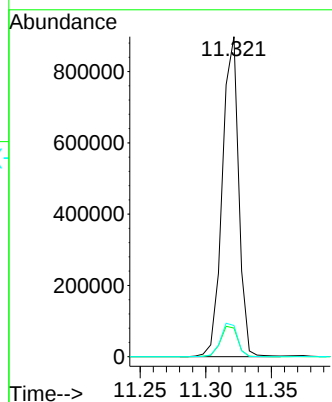
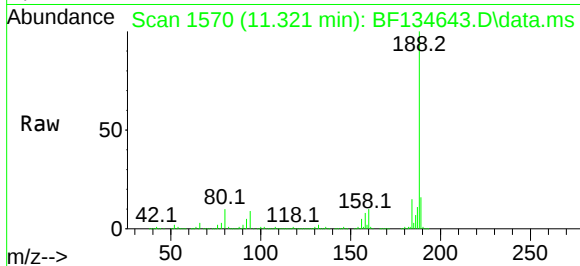




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

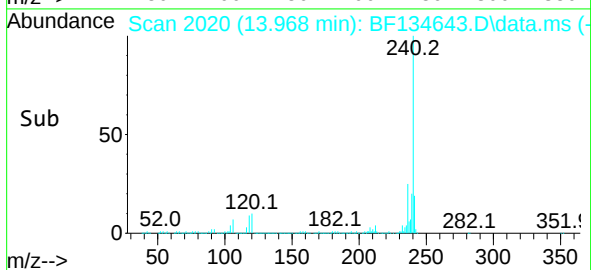
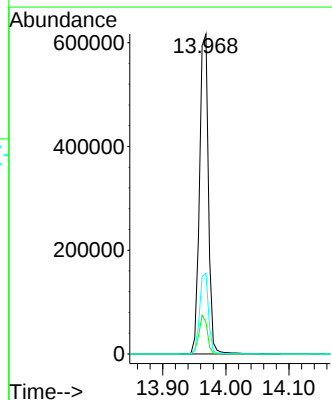
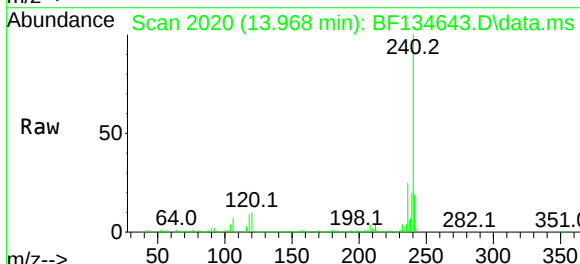
Instrument :
BNA_F
ClientSampleId :
PB154530BL

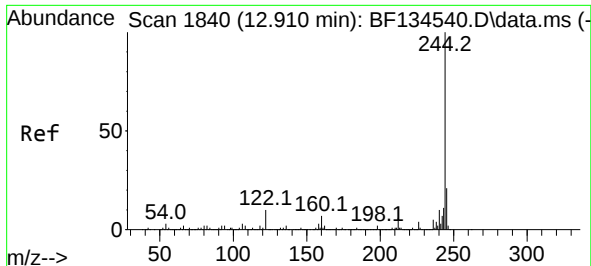
Tgt Ion:188 Resp: 778323
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7#
80 9.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134643.D
Acq: 07 Aug 2023 09:12

Tgt Ion:240 Resp: 600261
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0#
236 25.2 20.2 30.2

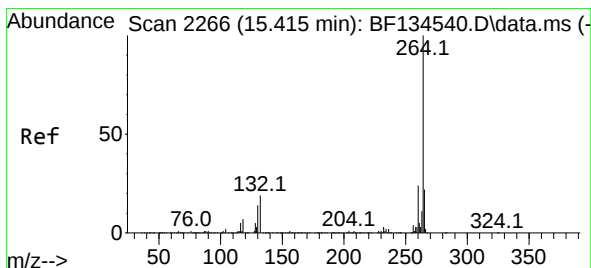
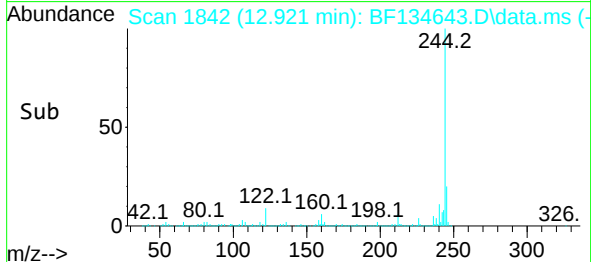
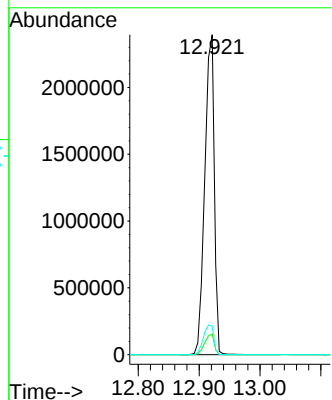
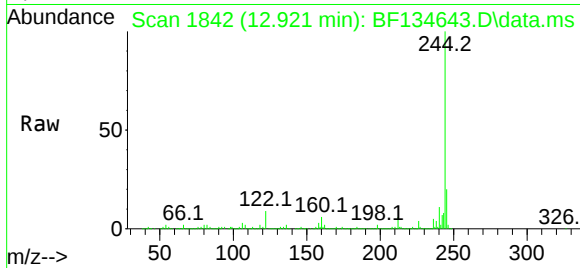




#79
 Terphenyl-d14
 Concen: 76.259 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134643.D
 Acq: 07 Aug 2023 09:12

Instrument :
 BNA_F
 ClientSampleId :
 PB154530BL

Tgt Ion:244 Resp: 2596653
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 8.9 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: BF134643.D
 Acq: 07 Aug 2023 09:12

Tgt Ion:264 Resp: 497126
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.7 15.8 23.8

