

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134622.D
Acq On : 04 Aug 2023 09:31
Operator : CG\JU
Sample : PB154564BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154564BL

Quant Time: Aug 04 09:50:38 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	6.798	152	199115	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	811026	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	437702	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	851586	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	612340	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	486562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1630680	124.491	ng	0.01
7) Phenol-d6	6.434	99	2052613	122.586	ng	0.00
23) Nitrobenzene-d5	7.357	82	1288056	99.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	656374	147.105	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2264765	86.031	ng	0.00
79) Terphenyl-d14	12.921	244	2834076	81.590	ng	0.00

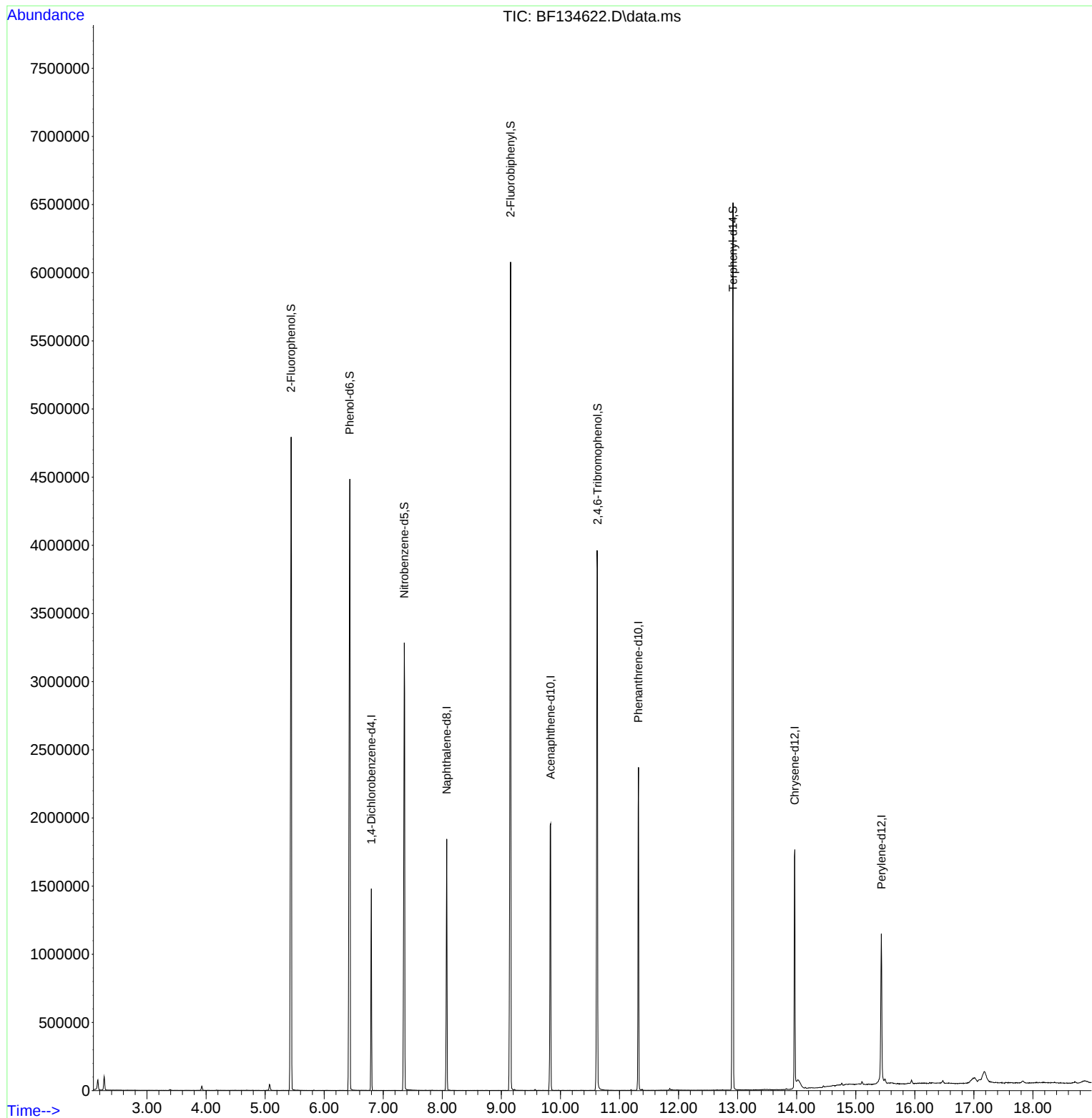
Target Compounds	Qvalue
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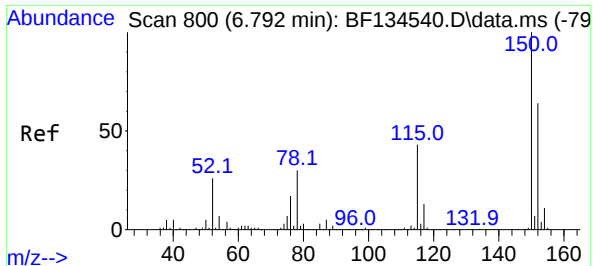
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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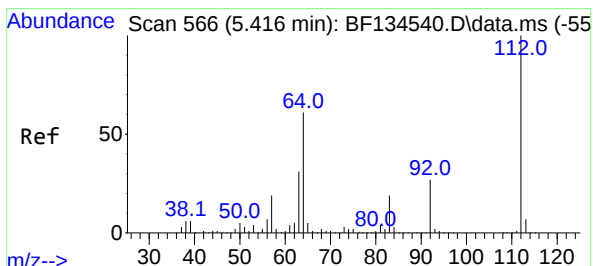
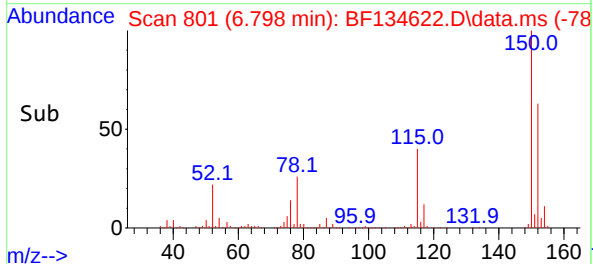
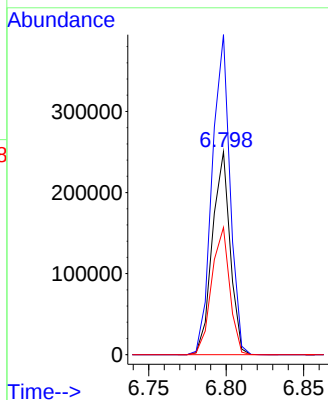
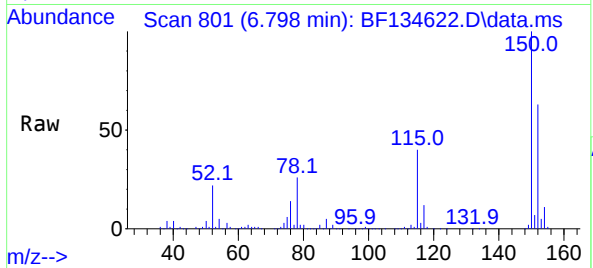




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

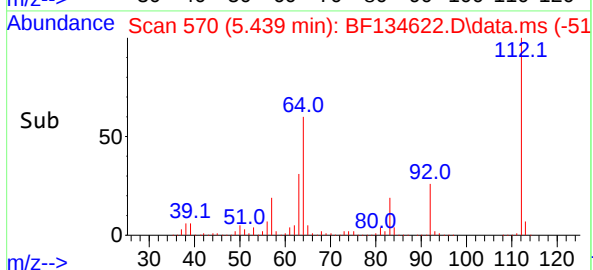
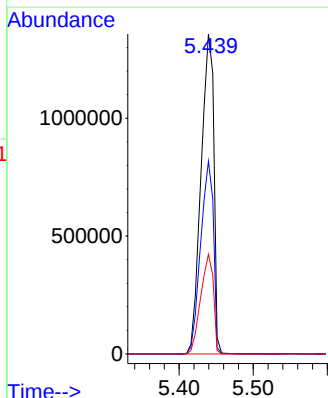
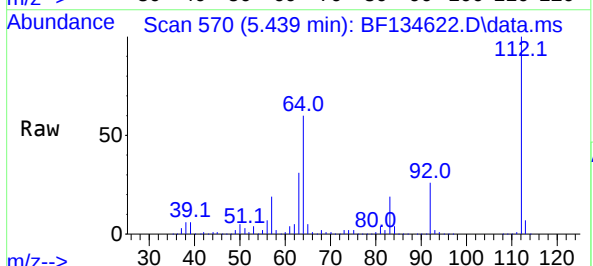
Instrument :
BNA_F
ClientSampleId :
PB154564BL

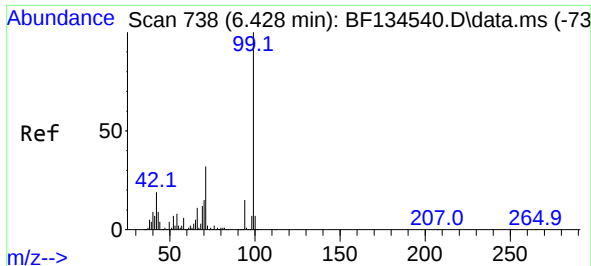
Tgt Ion:152 Resp: 199115
Ion Ratio Lower Upper
152 100
150 157.8 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 124.491 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion:112 Resp: 1630680
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 31.1 25.4 38.0

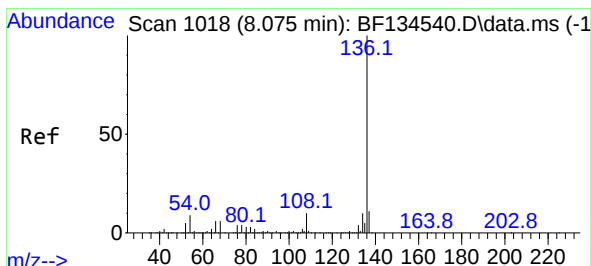
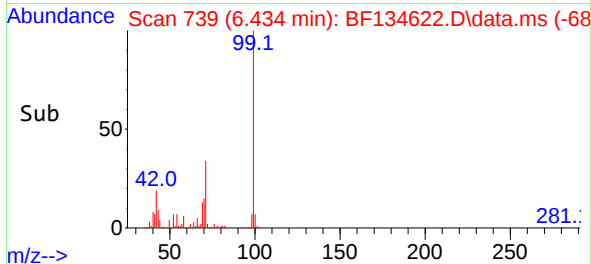
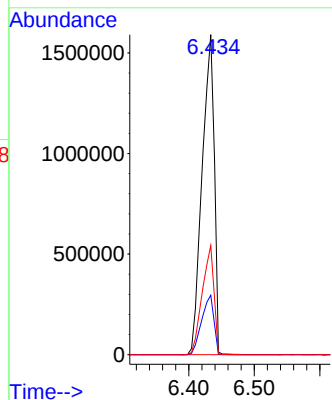
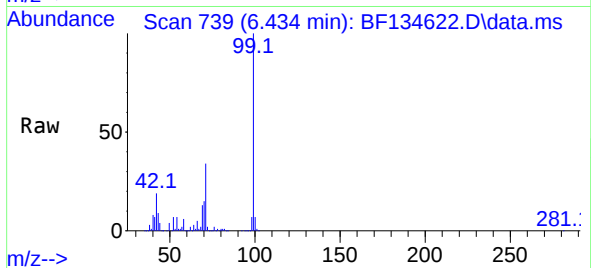




#7
Phenol-d6
Concen: 122.586 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

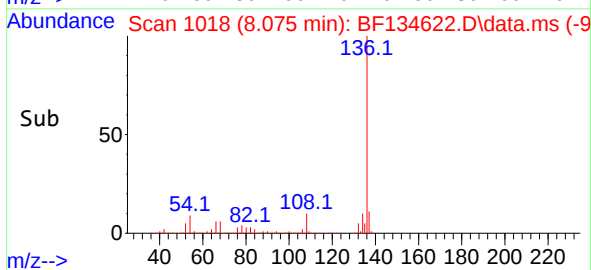
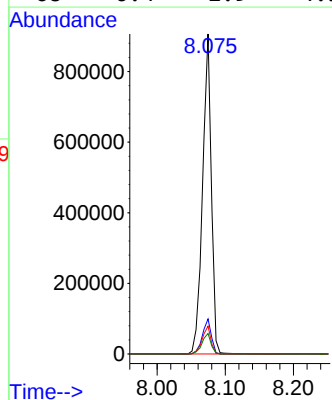
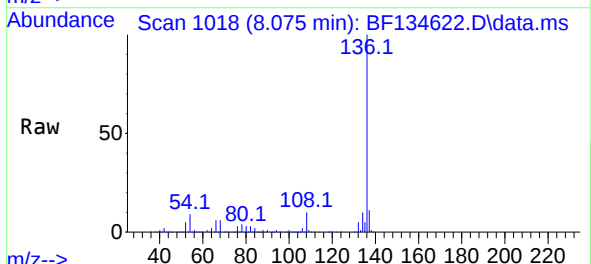
Instrument :
BNA_F
ClientSampleId :
PB154564BL

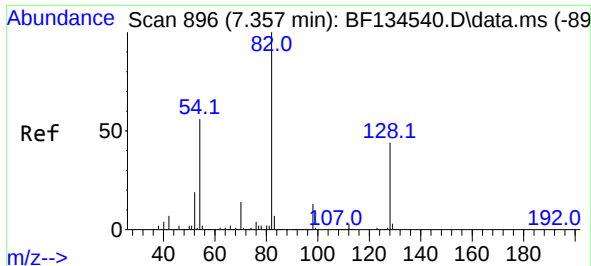
Tgt Ion: 99 Resp: 2052613
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 34.1 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion: 136 Resp: 811026
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 99.250 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

Instrument :

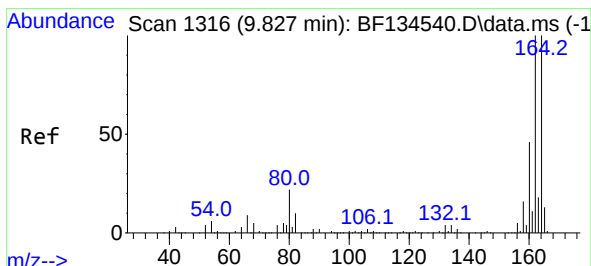
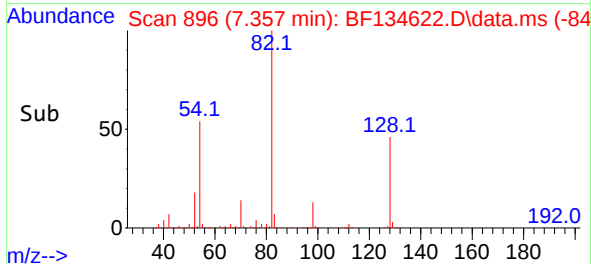
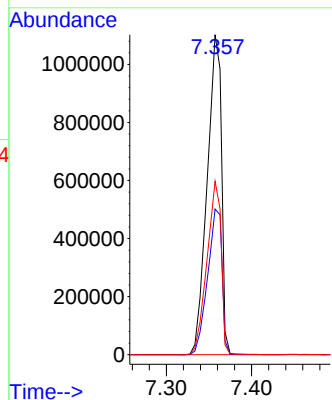
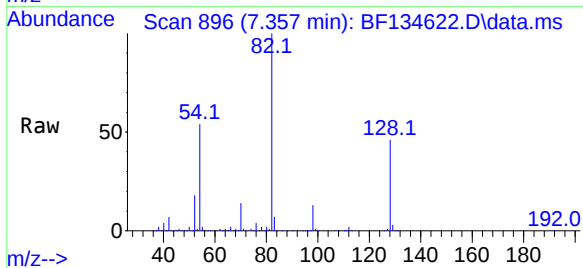
BNA_F

ClientSampleId :

PB154564BL

Tgt Ion: 82 Resp: 1288056

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.3	51.5
54	54.2	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

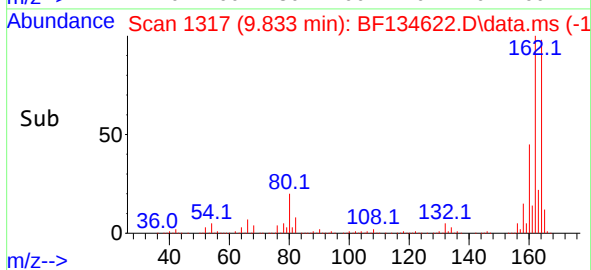
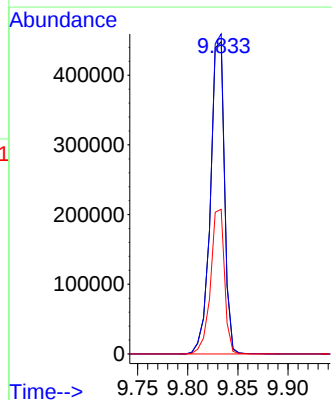
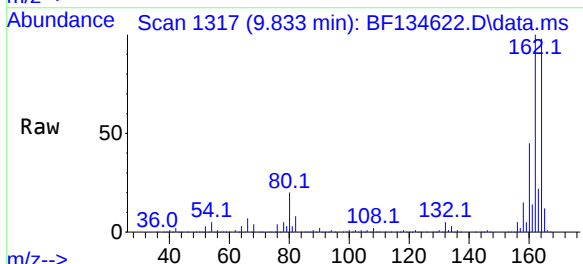
Delta R.T. -0.000 min

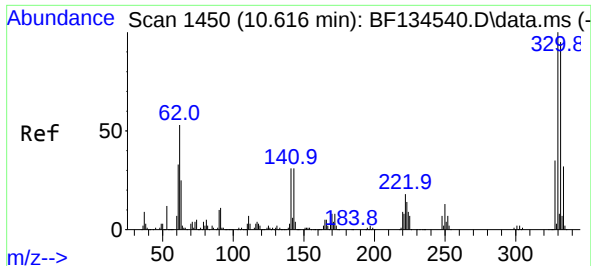
Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

Tgt Ion:164 Resp: 437702

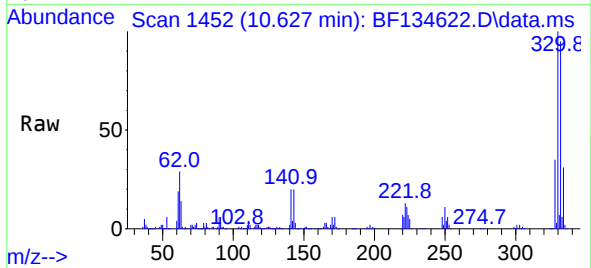
Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	46.3	37.2	55.8



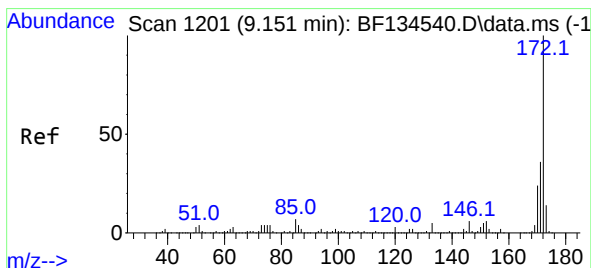
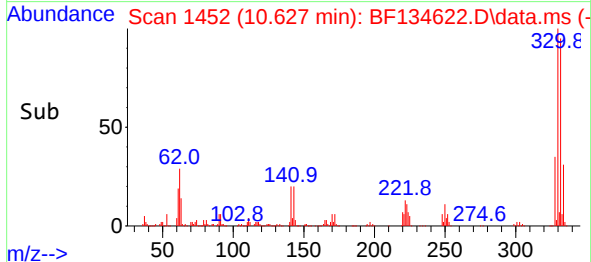
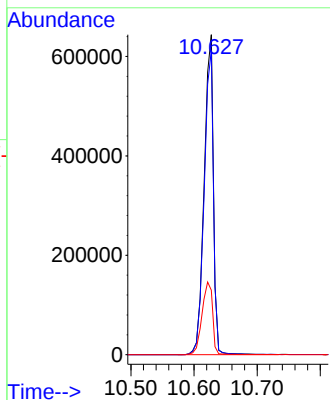


#42
2,4,6-Tribromophenol
Concen: 147.105 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Instrument :
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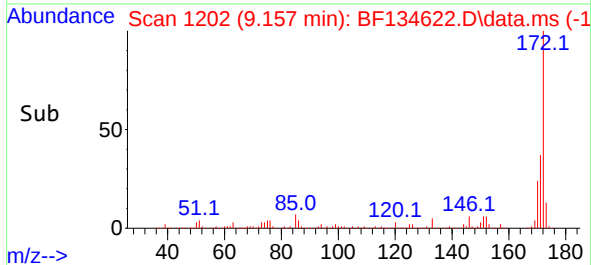
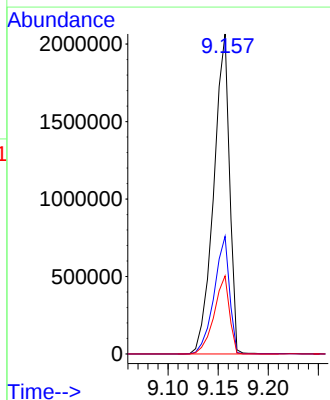
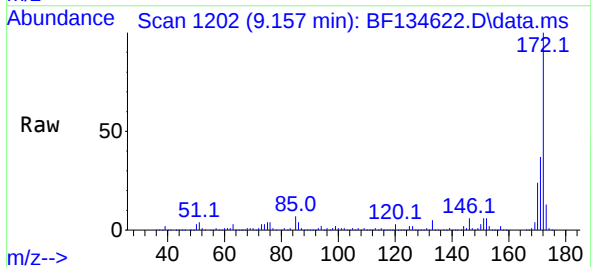


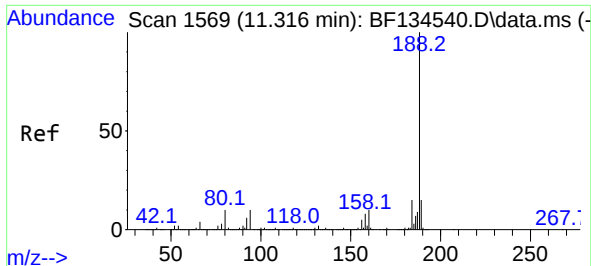
Tgt Ion:330 Resp: 656374
Ion Ratio Lower Upper
330 100
332 95.4 78.8 118.2
141 26.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.031 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion:172 Resp: 2264765
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 18.7 28.1

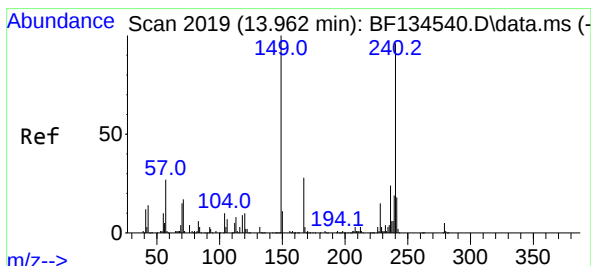
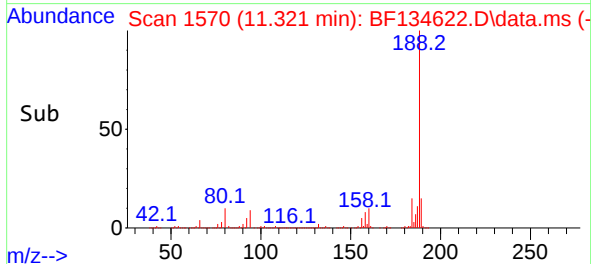
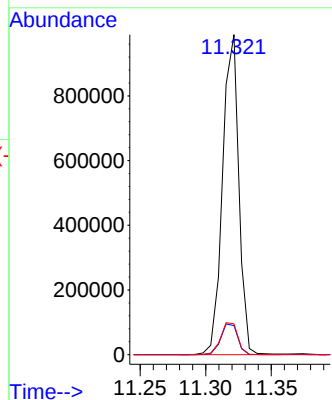
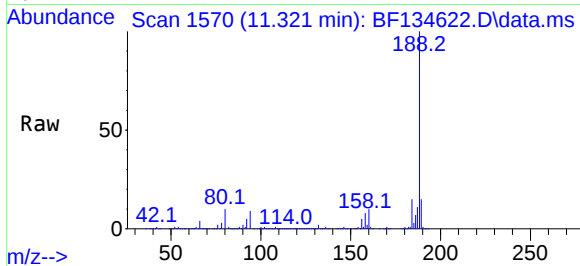




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

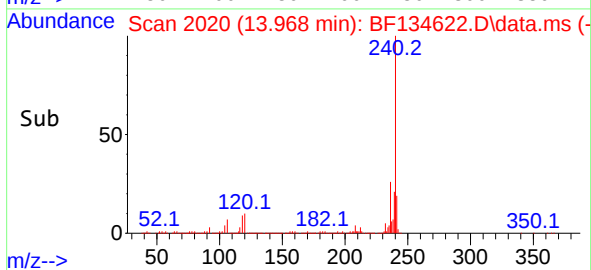
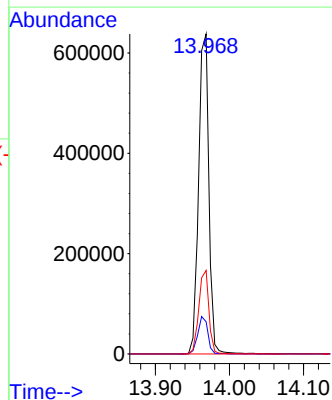
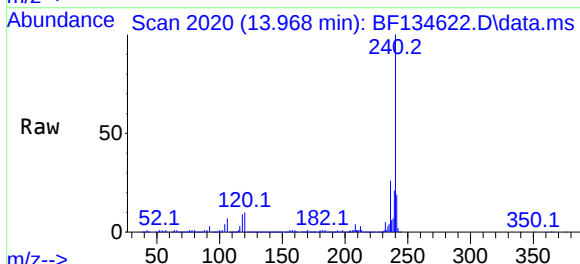
Instrument :
BNA_F
ClientSampleId :
PB154564BL

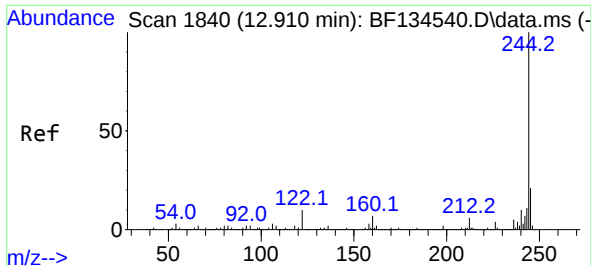
Tgt Ion:188 Resp: 851586
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7#
80 9.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

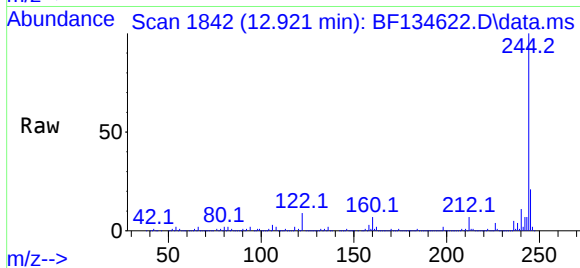
Tgt Ion:240 Resp: 612340
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0#
236 26.1 20.2 30.2



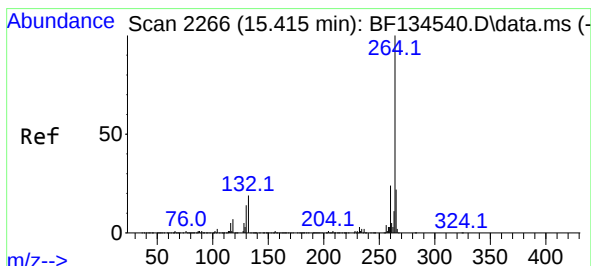
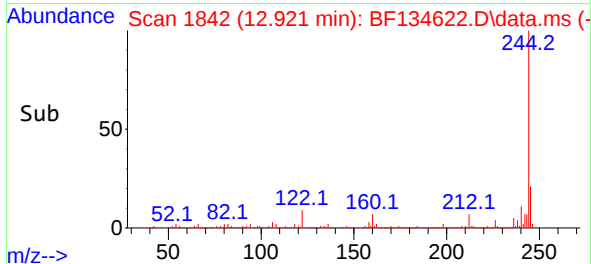
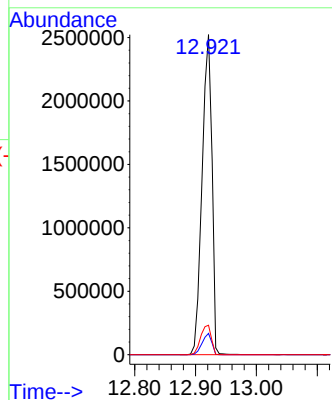


#79
Terphenyl-d14
Concen: 81.590 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB154564BL



Tgt Ion:244 Resp: 2834076
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: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion:264 Resp: 486562
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.3 15.8 23.8

