

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134223.D
 Acq On : 11 Jul 2023 20:48
 Operator : CG\JU
 Sample : 03401-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DT-02

Quant Time: Jul 12 01:56:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

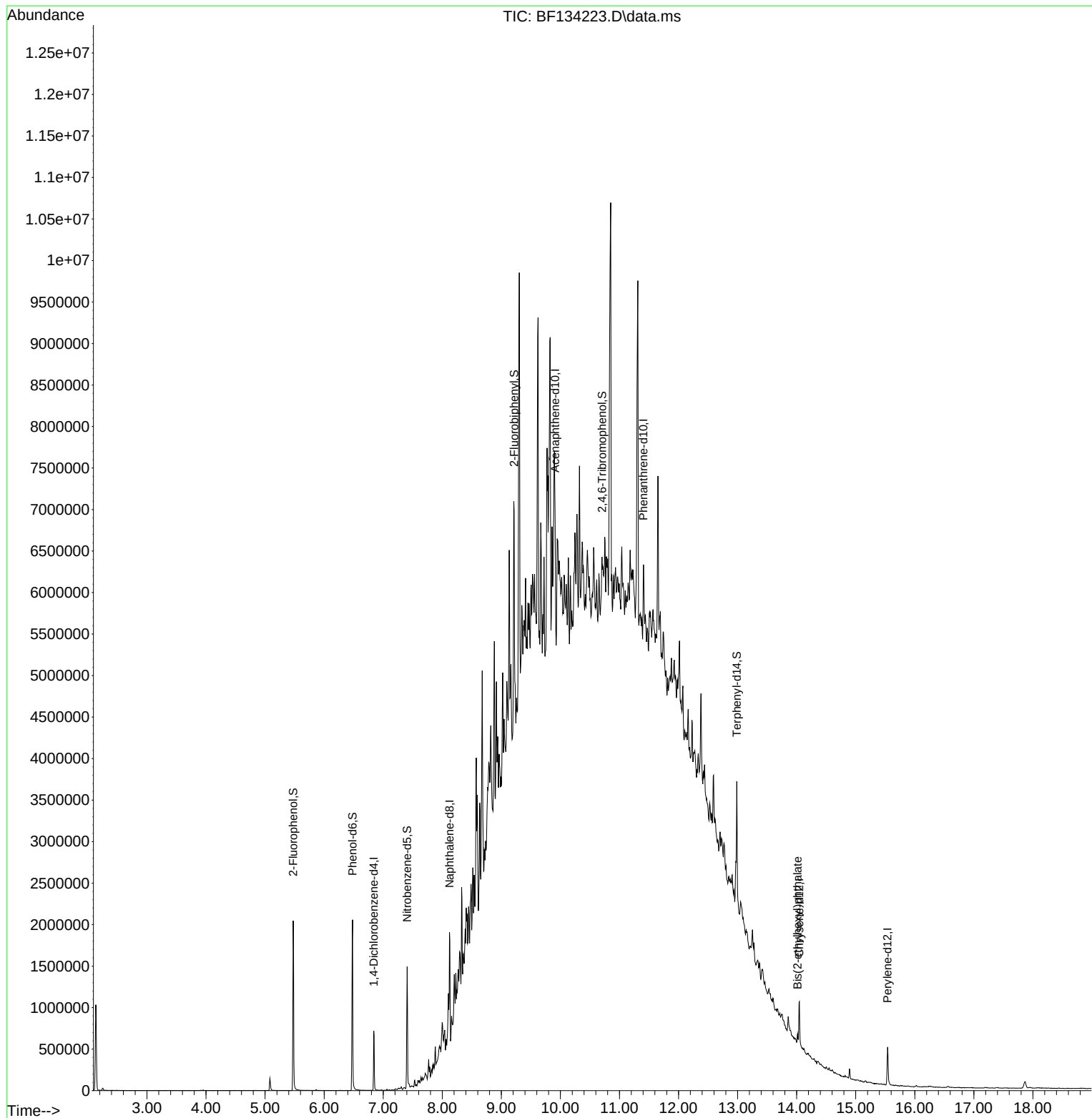
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	109216	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	371668	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	131241	20.000	ng	0.02
64) Phenanthrene-d10	11.404	188	200192	20.000	ng	# 0.02
76) Chrysene-d12	14.045	240	187792	20.000	ng	0.00
86) Perylene-d12	15.539	264	217097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	539125	82.573	ng	0.00
7) Phenol-d6	6.481	99	662361	82.491	ng	0.00
23) Nitrobenzene-d5	7.404	82	435341	63.140	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	151969	92.354	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	533476	59.099	ng	0.01
79) Terphenyl-d14	12.986	244	513708	44.026	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.016	149	33933	4.505	ng	Qvalue 93

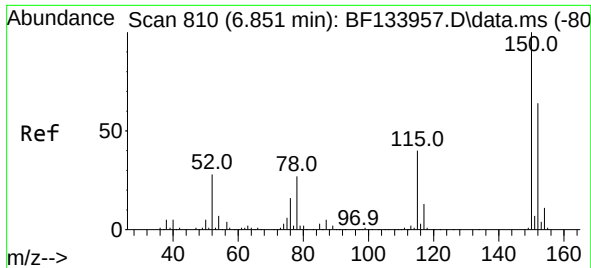
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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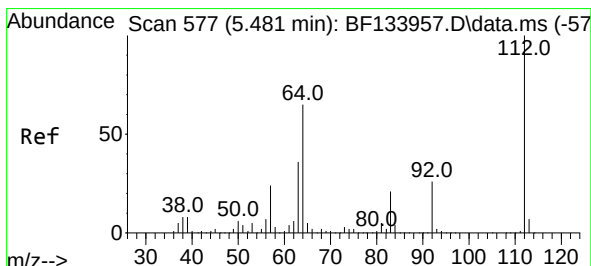
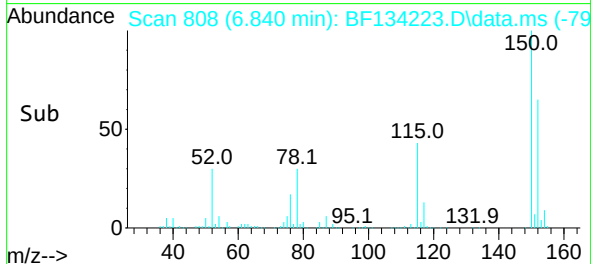
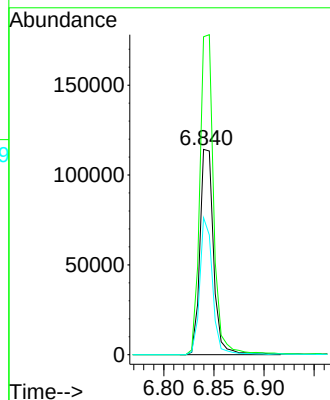
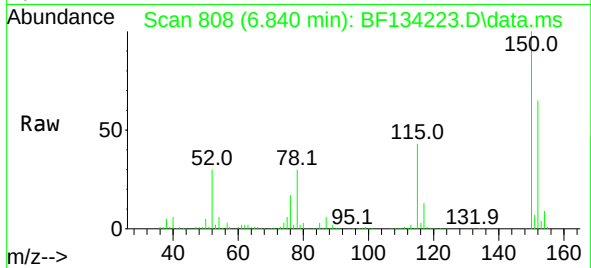




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134223.D
 Acq: 11 Jul 2023 20:48

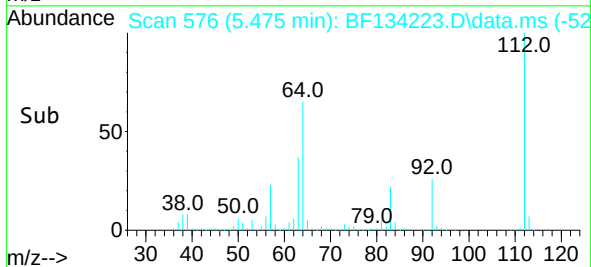
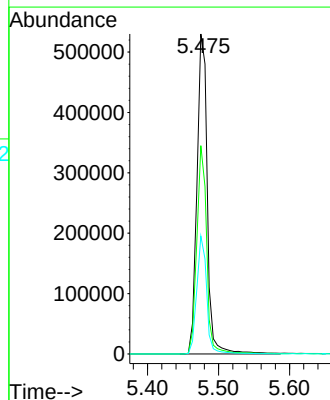
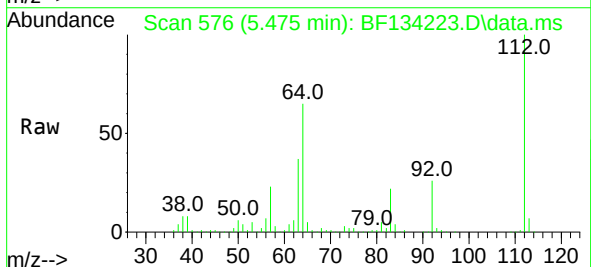
Instrument :
 BNA_F
 ClientSampleId :
 DT-02

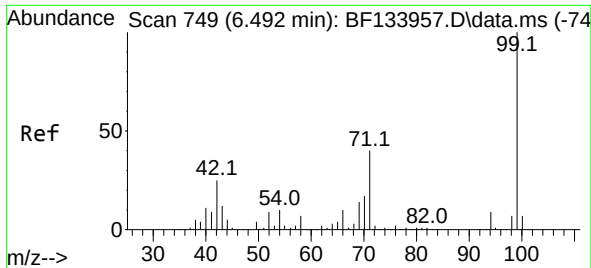
Tgt Ion:152 Resp: 109216
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.5 186.7
 115 66.7 50.2 75.2



#5
 2-Fluorophenol
 Concen: 82.573 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: BF134223.D
 Acq: 11 Jul 2023 20:48

Tgt Ion:112 Resp: 539125
 Ion Ratio Lower Upper
 112 100
 64 65.1 52.1 78.1
 63 36.9 28.6 42.8

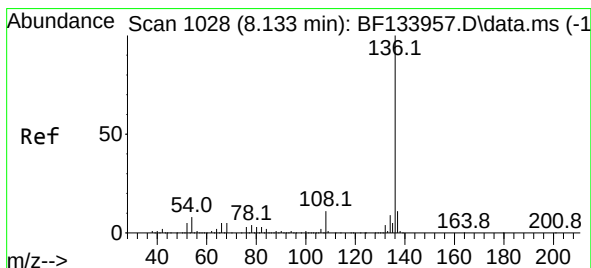
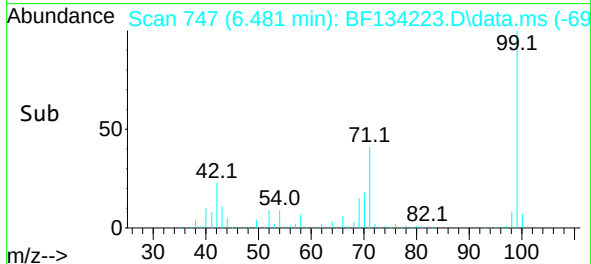
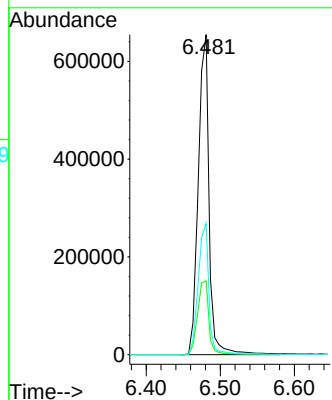
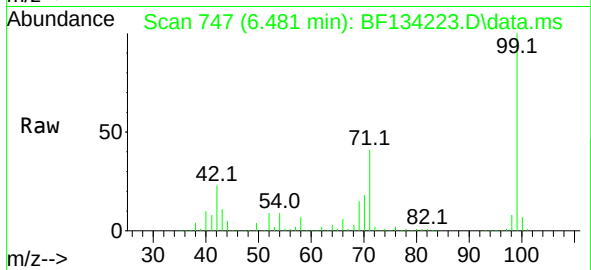




#7
Phenol-d6
Concen: 82.491 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134223.D
Acq: 11 Jul 2023 20:48

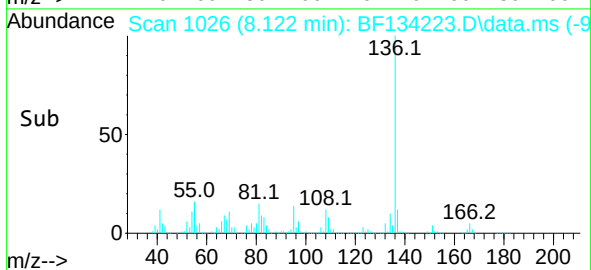
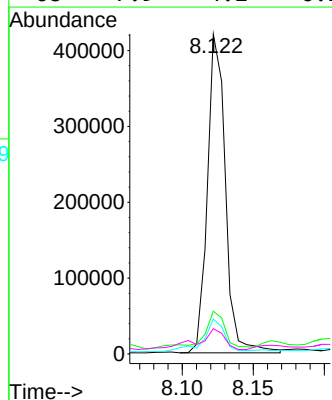
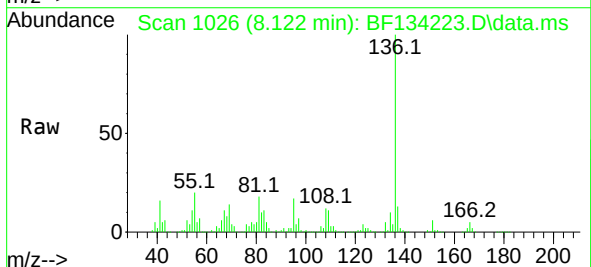
Instrument :
BNA_F
ClientSampleId :
DT-02

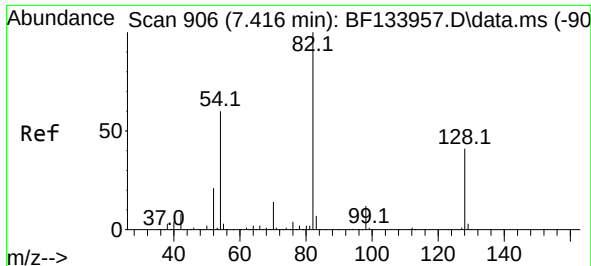
Tgt Ion: 99 Resp: 662361
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 40.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134223.D
Acq: 11 Jul 2023 20:48

Tgt Ion: 136 Resp: 371668
Ion Ratio Lower Upper
136 100
137 13.4 8.6 12.8#
54 10.9 6.5 9.7#
68 7.9 4.2 6.2#

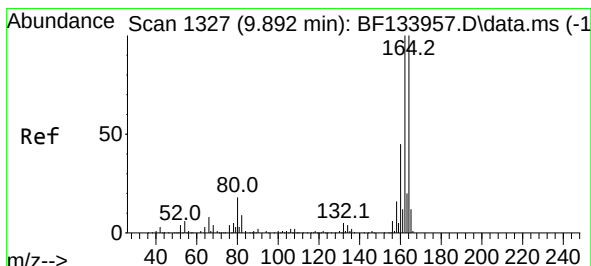
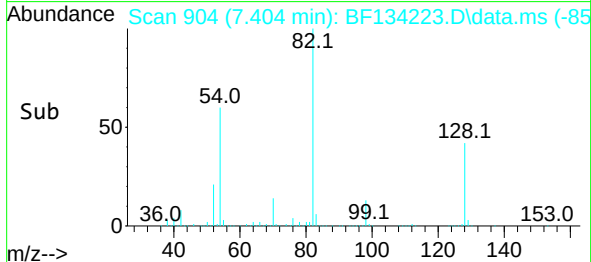
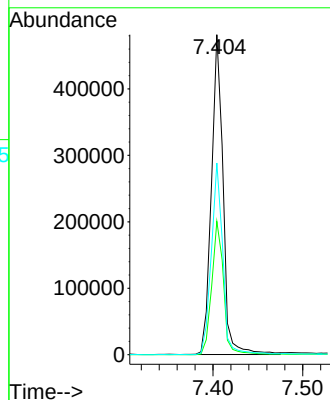
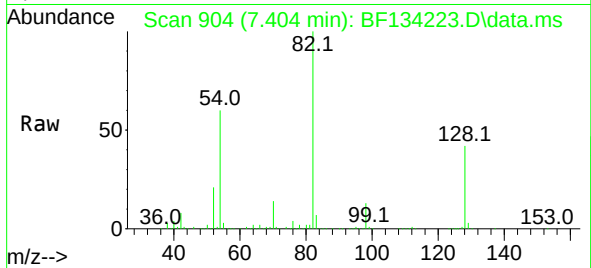




#23
Nitrobenzene-d5
Concen: 63.140 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134223.D
Acq: 11 Jul 2023 20:48

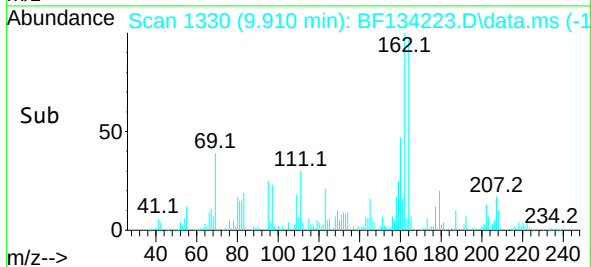
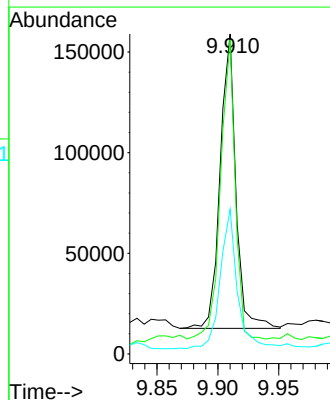
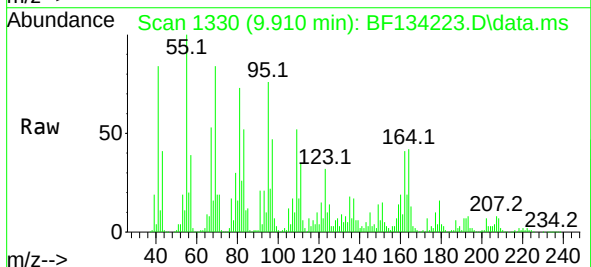
Instrument :
BNA_F
ClientSampleId :
DT-02

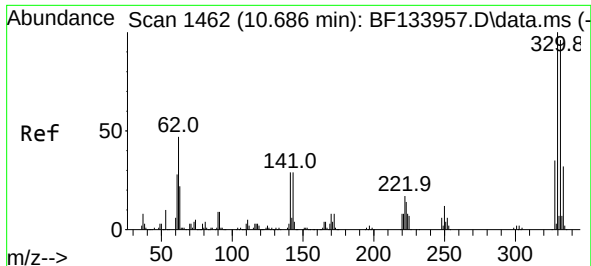
Tgt Ion: 82 Resp: 435341
Ion Ratio Lower Upper
82 100
128 41.6 32.5 48.7
54 59.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.024 min
Lab File: BF134223.D
Acq: 11 Jul 2023 20:48

Tgt Ion:164 Resp: 131241
Ion Ratio Lower Upper
164 100
162 98.1 80.0 120.0
160 45.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 92.354 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.024 min

Lab File: BF134223.D

Acq: 11 Jul 2023 20:48

Instrument :

BNA_F

ClientSampleId :

DT-02

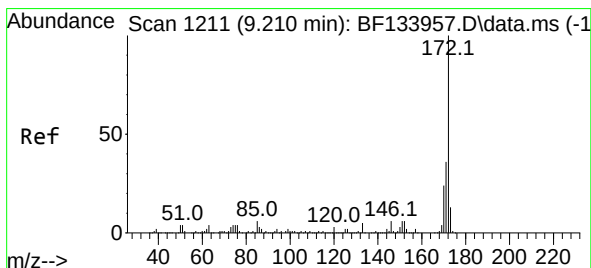
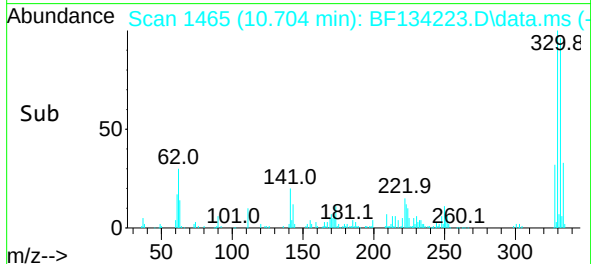
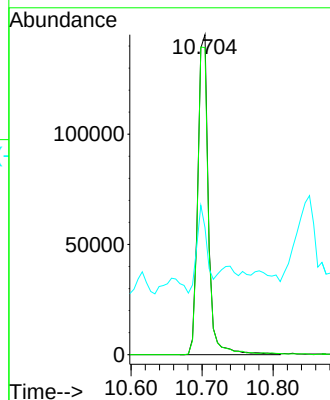
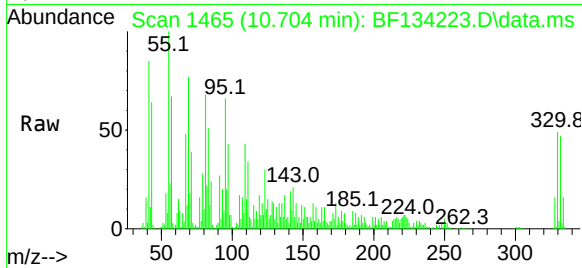
Tgt Ion:330 Resp: 151969

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 25.8 26.3 39.5#



#45

2-Fluorobiphenyl

Concen: 59.099 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.012 min

Lab File: BF134223.D

Acq: 11 Jul 2023 20:48

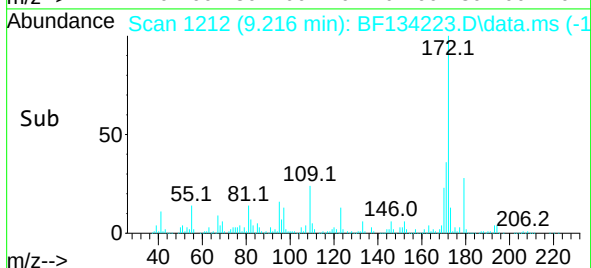
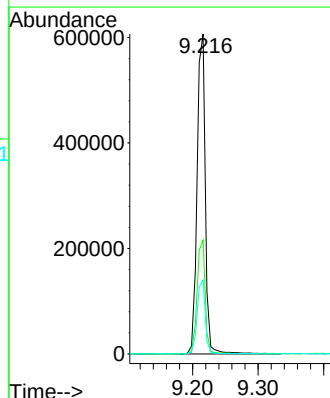
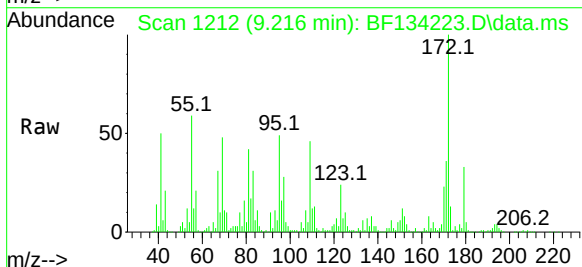
Tgt Ion:172 Resp: 533476

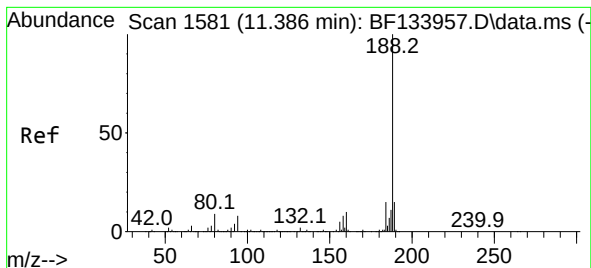
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.1 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF134223.D

Acq: 11 Jul 2023 20:48

Instrument :

BNA_F

ClientSampleId :

DT-02

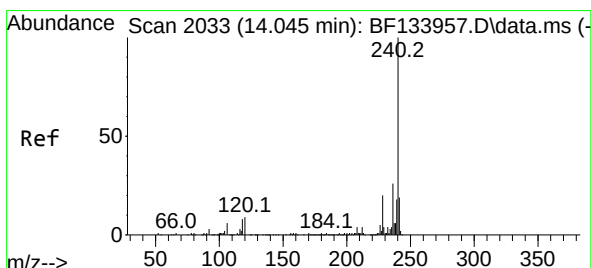
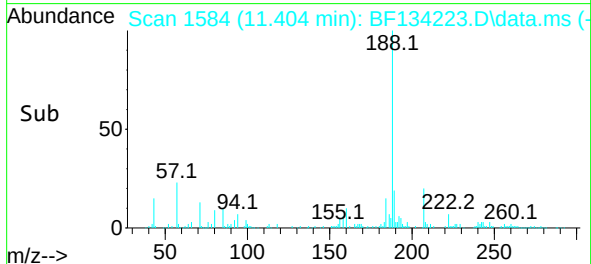
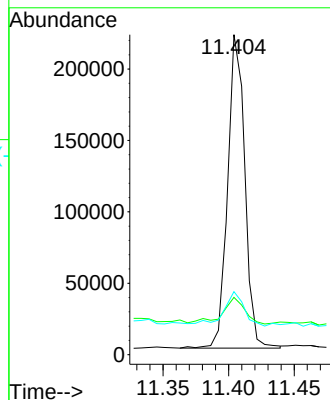
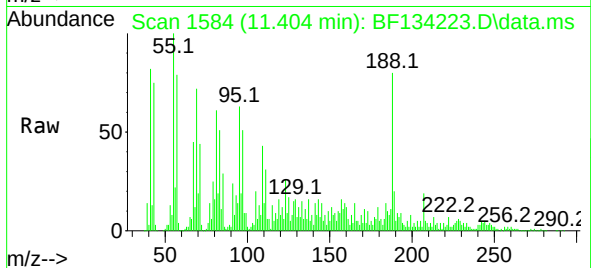
Tgt Ion:188 Resp: 200192

Ion Ratio Lower Upper

188 100

94 17.9 6.4 9.6#

80 19.7 7.3 10.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF134223.D

Acq: 11 Jul 2023 20:48

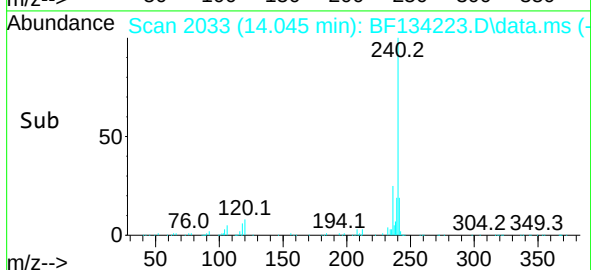
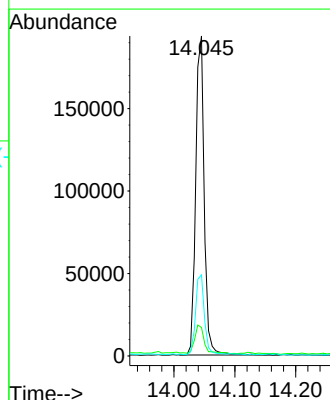
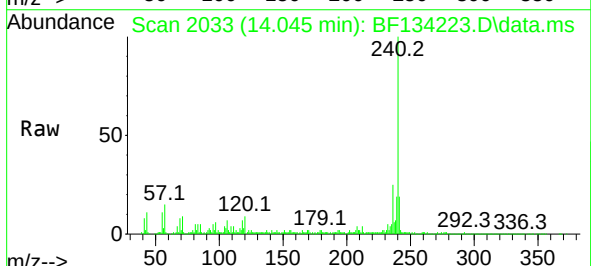
Tgt Ion:240 Resp: 187792

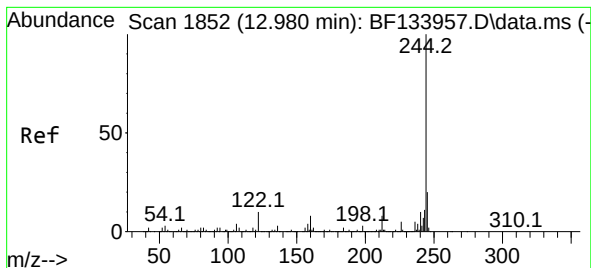
Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

236 25.3 21.0 31.6





#79

Terphenyl-d14

Concen: 44.026 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF134223.D

Acq: 11 Jul 2023 20:48

Instrument :

BNA_F

ClientSampleId :

DT-02

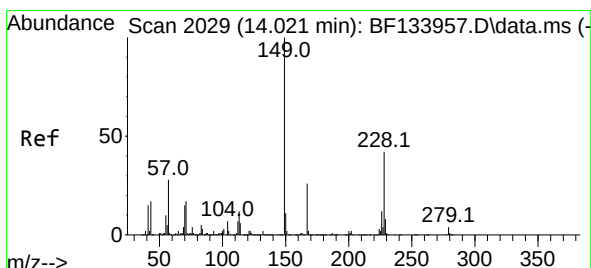
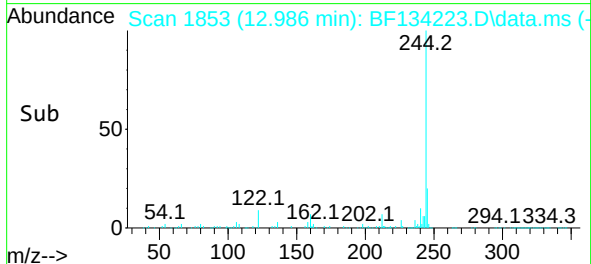
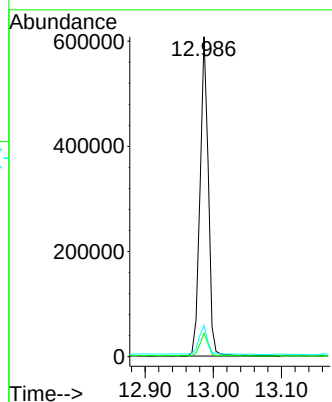
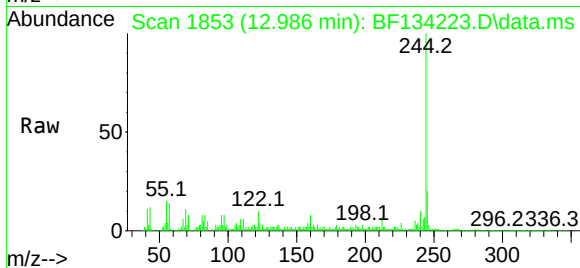
Tgt Ion:244 Resp: 513708

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.8 8.3 12.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.505 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134223.D

Acq: 11 Jul 2023 20:48

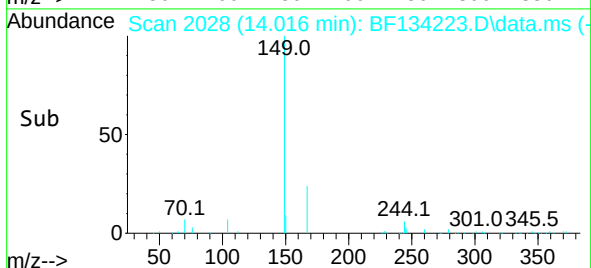
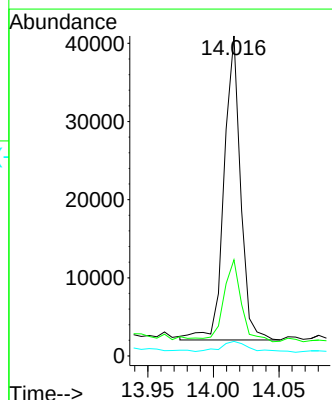
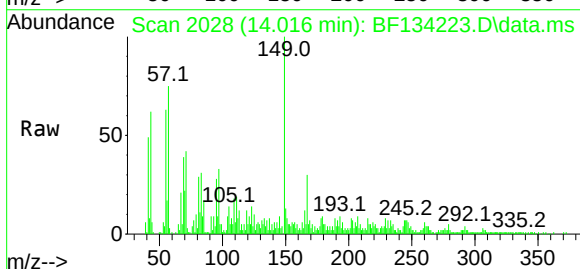
Tgt Ion:149 Resp: 33933

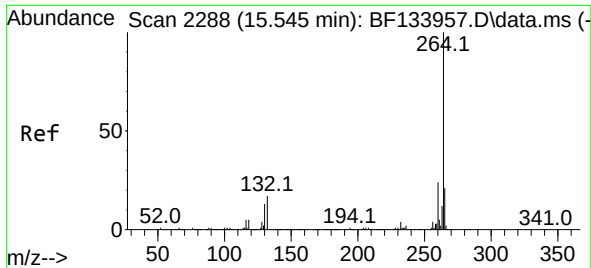
Ion Ratio Lower Upper

149 100

167 30.0 21.0 31.4

279 4.5 3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134223.D
Acq: 11 Jul 2023 20:48

Instrument :
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Tgt Ion:264 Resp: 217097
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.3 16.6 25.0

