

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134038.D
 Acq On : 29 Jun 2023 15:50
 Operator : CG\JU
 Sample : 03336-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jun 30 05:59:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	120511	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	483418	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	211398	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	310415	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	196510	20.000	ng	0.00
86) Perylene-d12	15.539	264	156880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	883471	122.631	ng	0.00
7) Phenol-d6	6.487	99	1042581	117.675	ng	0.00
23) Nitrobenzene-d5	7.410	82	731242	81.540	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	222604	83.985	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1299674	89.385	ng	0.00
79) Terphenyl-d14	12.975	244	1148411	94.055	ng	0.00

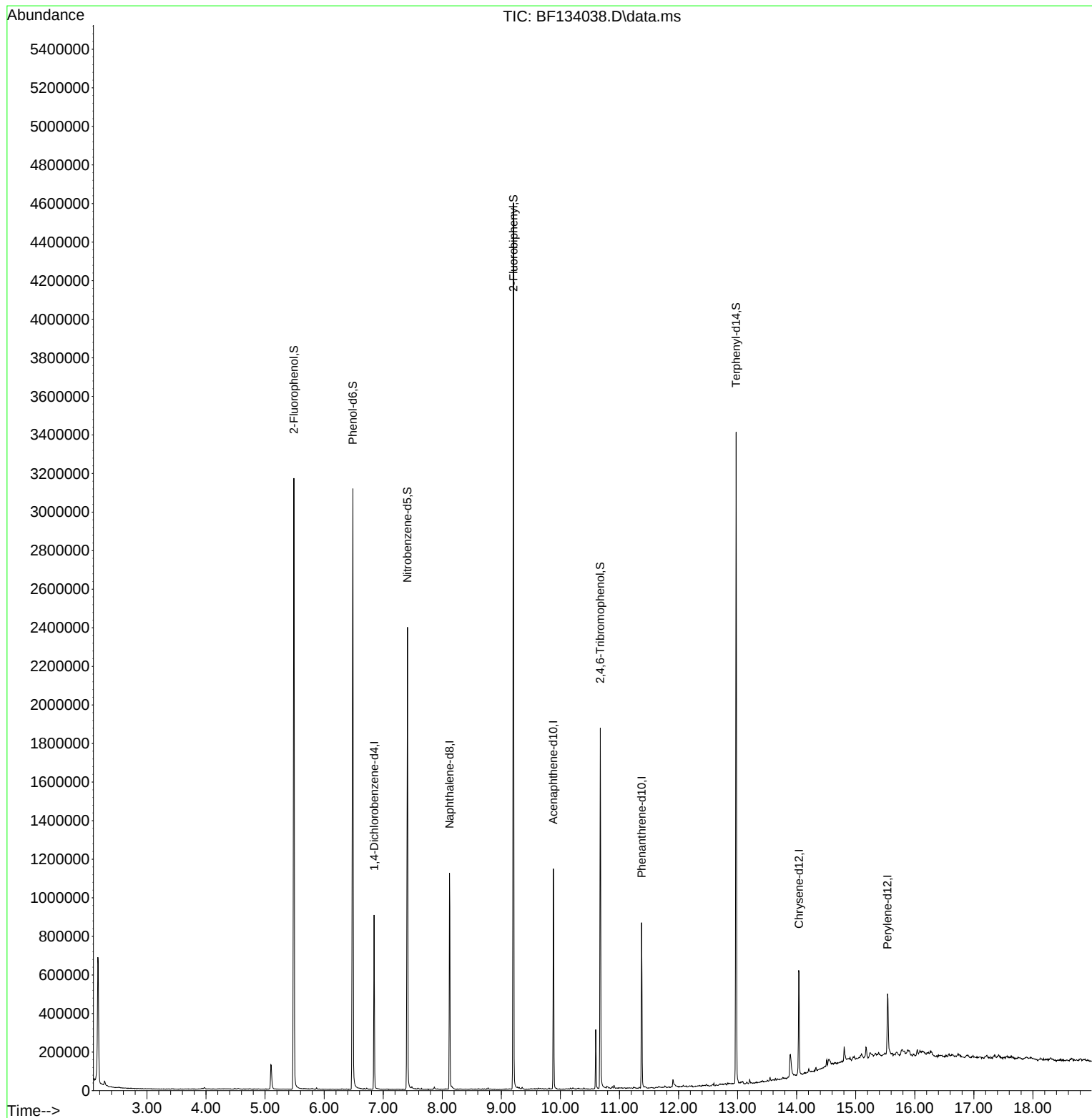
Target Compounds	Qvalue

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

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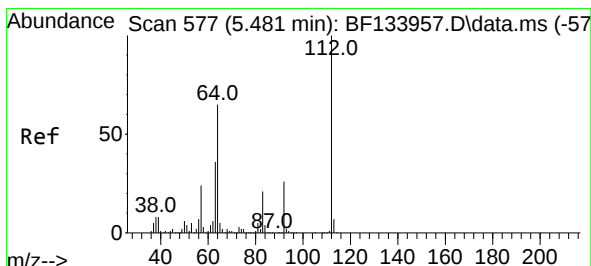
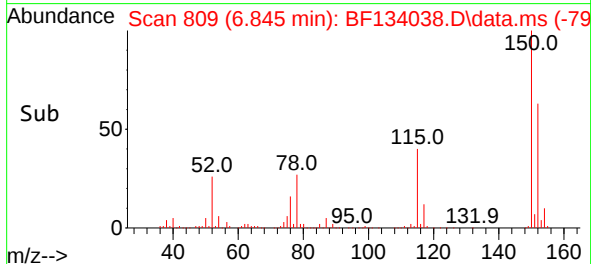
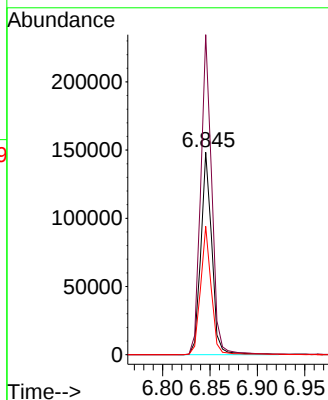
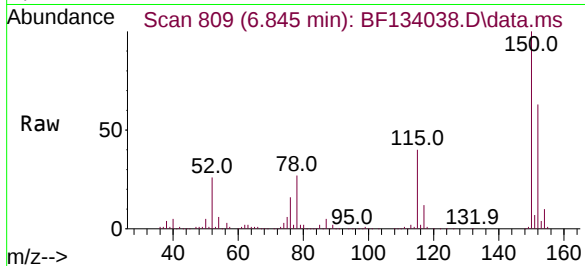




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

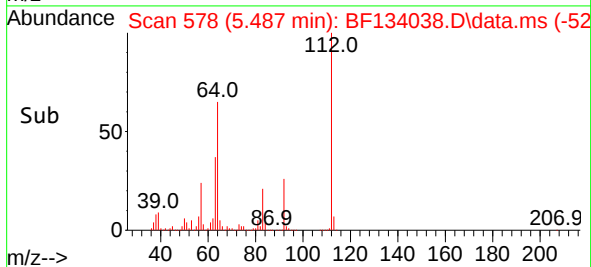
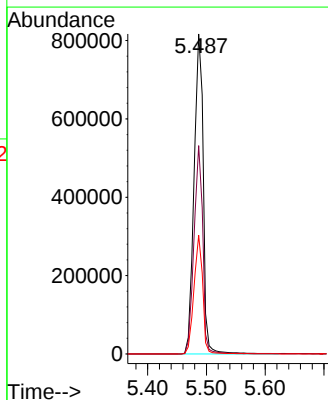
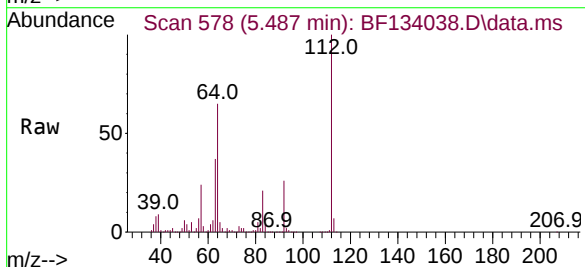
Instrument :
BNA_F
ClientSampleId :
WC-4

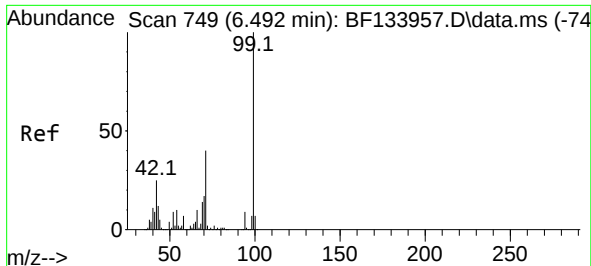
Tgt Ion:152 Resp: 120511
Ion Ratio Lower Upper
152 100
150 158.1 124.5 186.7
115 63.4 50.2 75.2



#5
2-Fluorophenol
Concen: 122.631 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

Tgt Ion:112 Resp: 883471
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 37.1 28.6 42.8



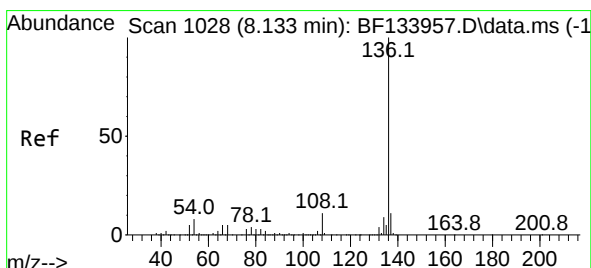
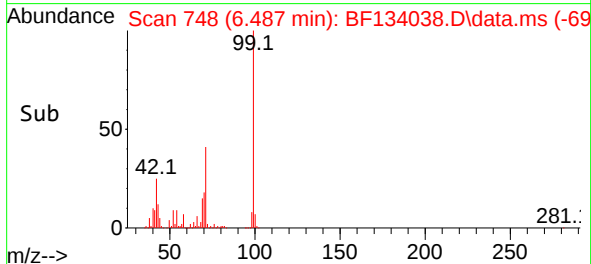
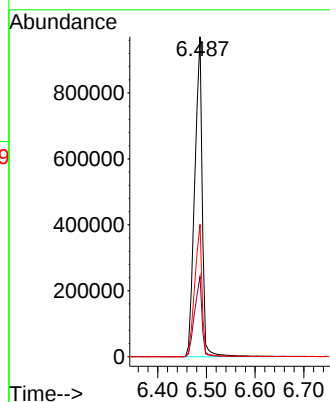
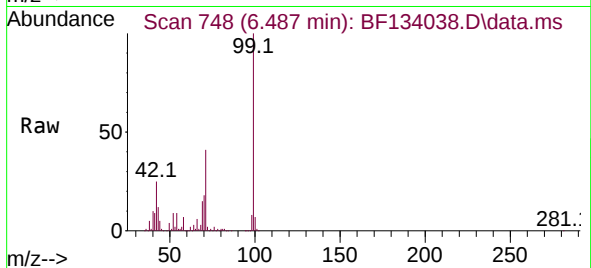


#7
Phenol-d6
Concen: 117.675 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 1042581

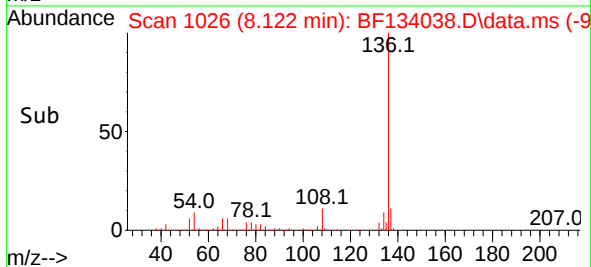
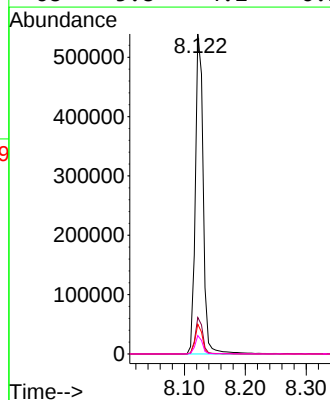
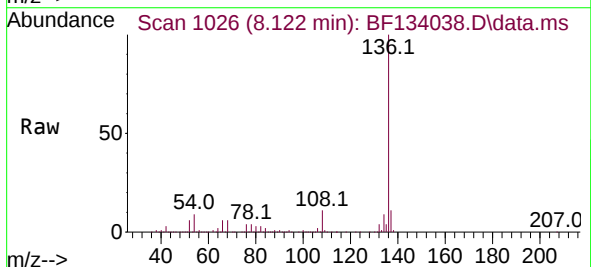
Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.8	29.6
71	41.3	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

Tgt Ion: 136 Resp: 483418

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.3	6.5	9.7
68	5.8	4.2	6.2

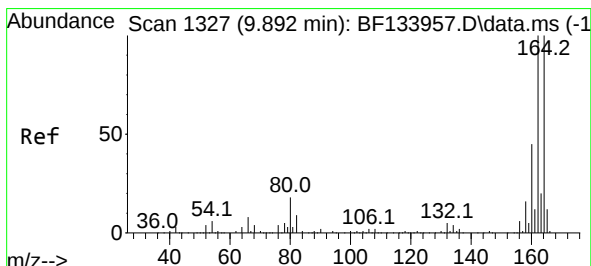
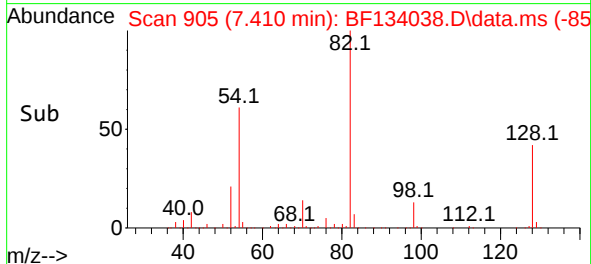
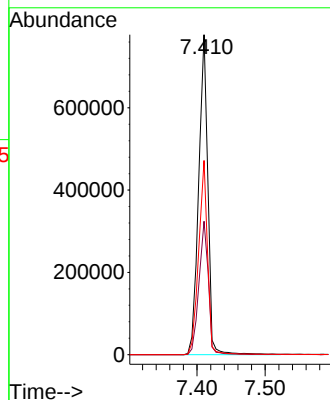
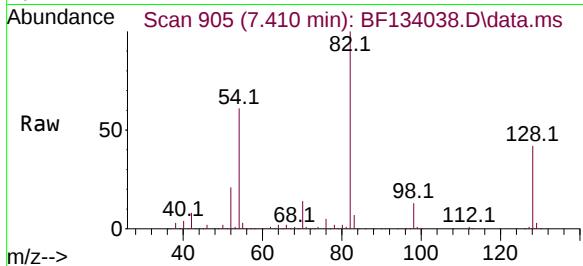




#23
Nitrobenzene-d5
Concen: 81.540 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

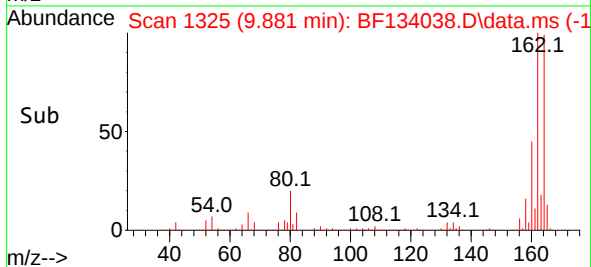
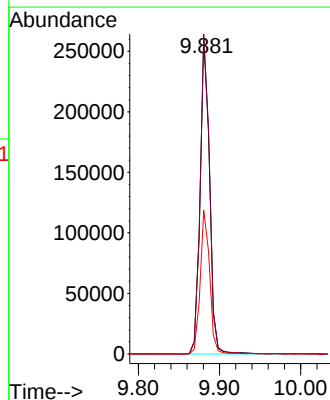
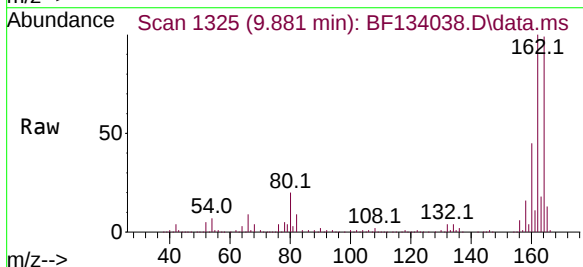
Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 82 Resp: 731242
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 60.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

Tgt Ion:164 Resp: 211398
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 45.4 35.9 53.9

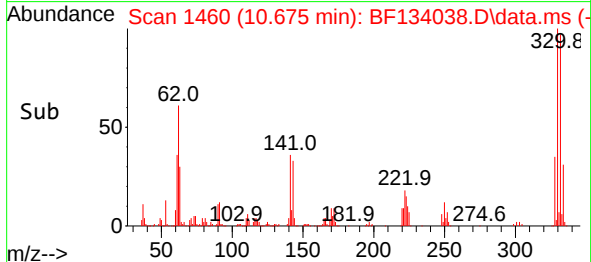
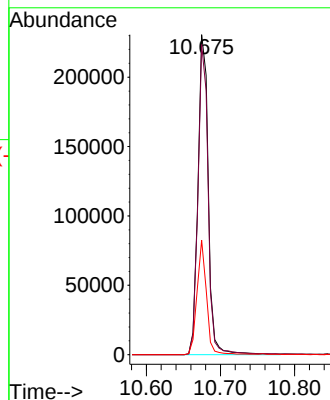
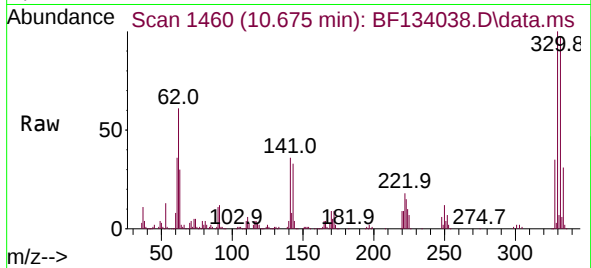




#42
2,4,6-Tribromophenol
Concen: 83.985 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

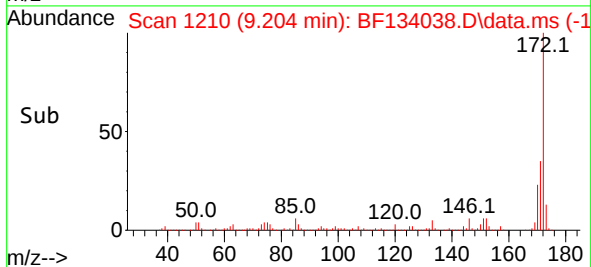
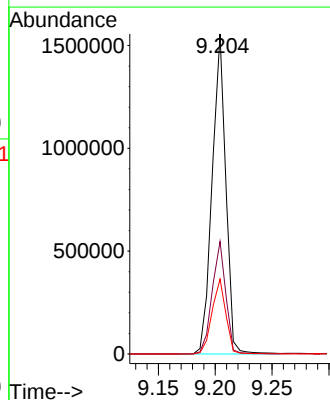
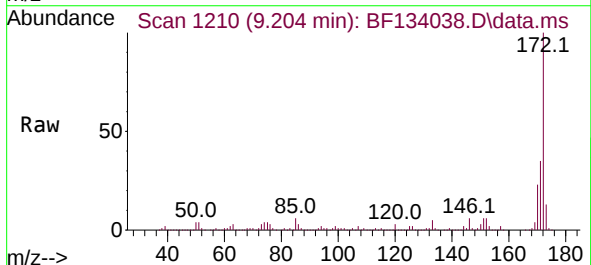
Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 330 Resp: 222604
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 89.385 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134038.D
Acq: 29 Jun 2023 15:50

Tgt Ion: 172 Resp: 1299674
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134038.D

Acq: 29 Jun 2023 15:50

Instrument :

BNA_F

ClientSampleId :

WC-4

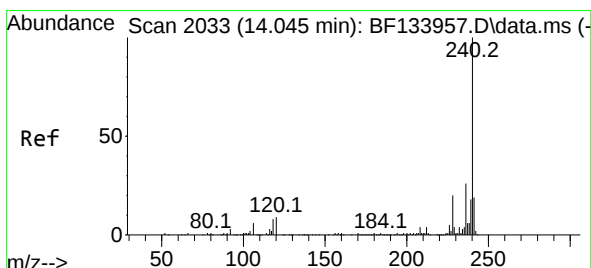
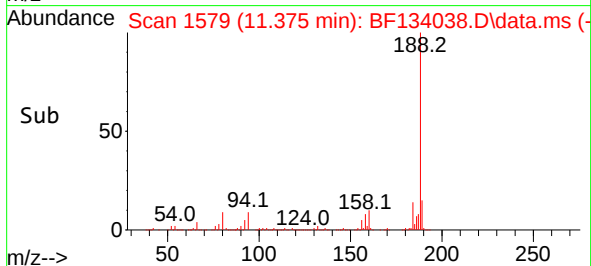
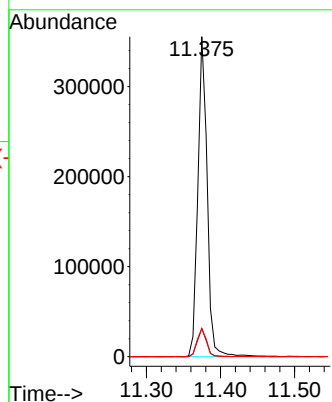
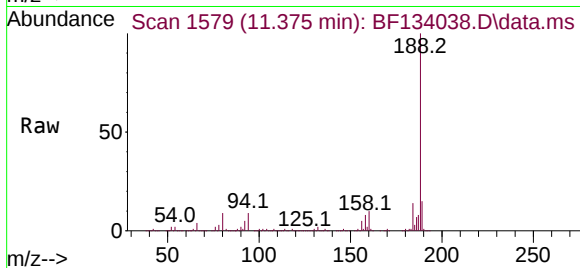
Tgt Ion:188 Resp: 310415

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 8.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF134038.D

Acq: 29 Jun 2023 15:50

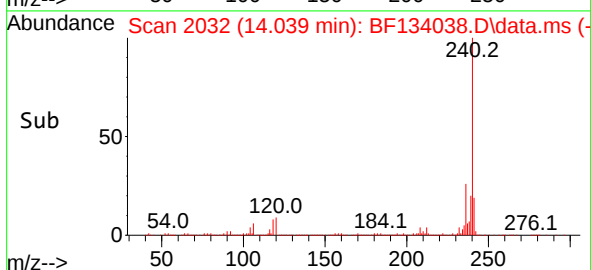
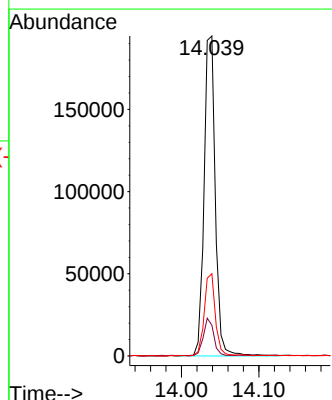
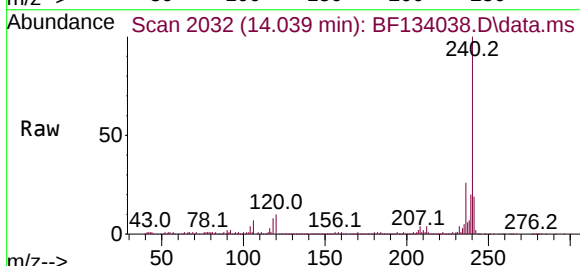
Tgt Ion:240 Resp: 196510

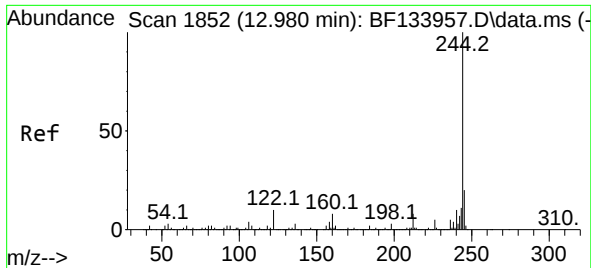
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 25.7 21.0 31.6

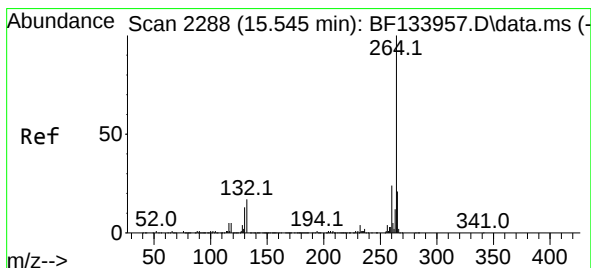
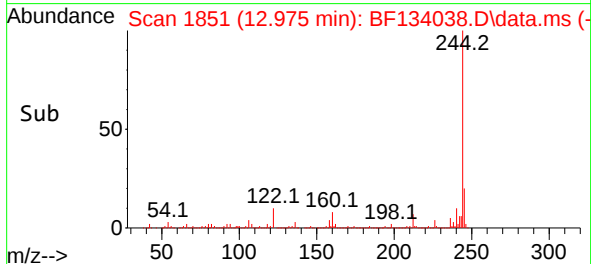
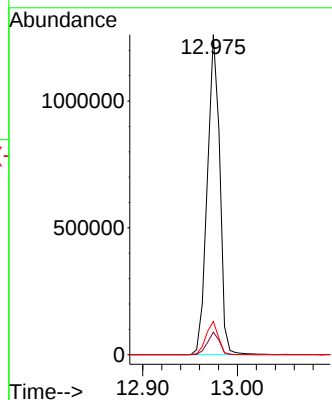
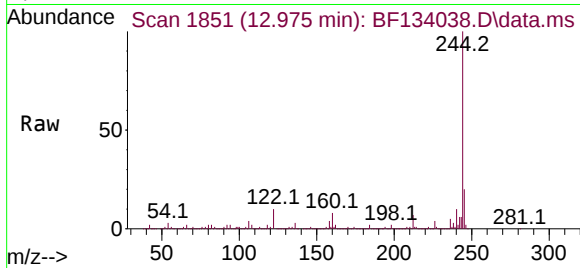




#79
 Terphenyl-d14
 Concen: 94.055 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF134038.D
 Acq: 29 Jun 2023 15:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 1148411
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134038.D
 Acq: 29 Jun 2023 15:50

Tgt Ion:264 Resp: 156880
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.1 16.6 25.0

