

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131839.D
 Acq On : 27 Dec 2022 16:23
 Operator : CG\JU
 Sample : N6180-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050

Quant Time: Dec 28 00:35:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	77301	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	283851	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	168092	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	326171	20.000	ng	0.00
76) Chrysene-d12	14.027	240	178156	20.000	ng	-0.01
86) Perylene-d12	15.515	264	148895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	567697	121.706	ng	0.02
7) Phenol-d6	6.469	99	645150	105.274	ng	0.00
23) Nitrobenzene-d5	7.404	82	605909	85.225	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	265995	145.645	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1074732	87.577	ng	0.00
79) Terphenyl-d14	12.974	244	1210439	114.926	ng	0.00

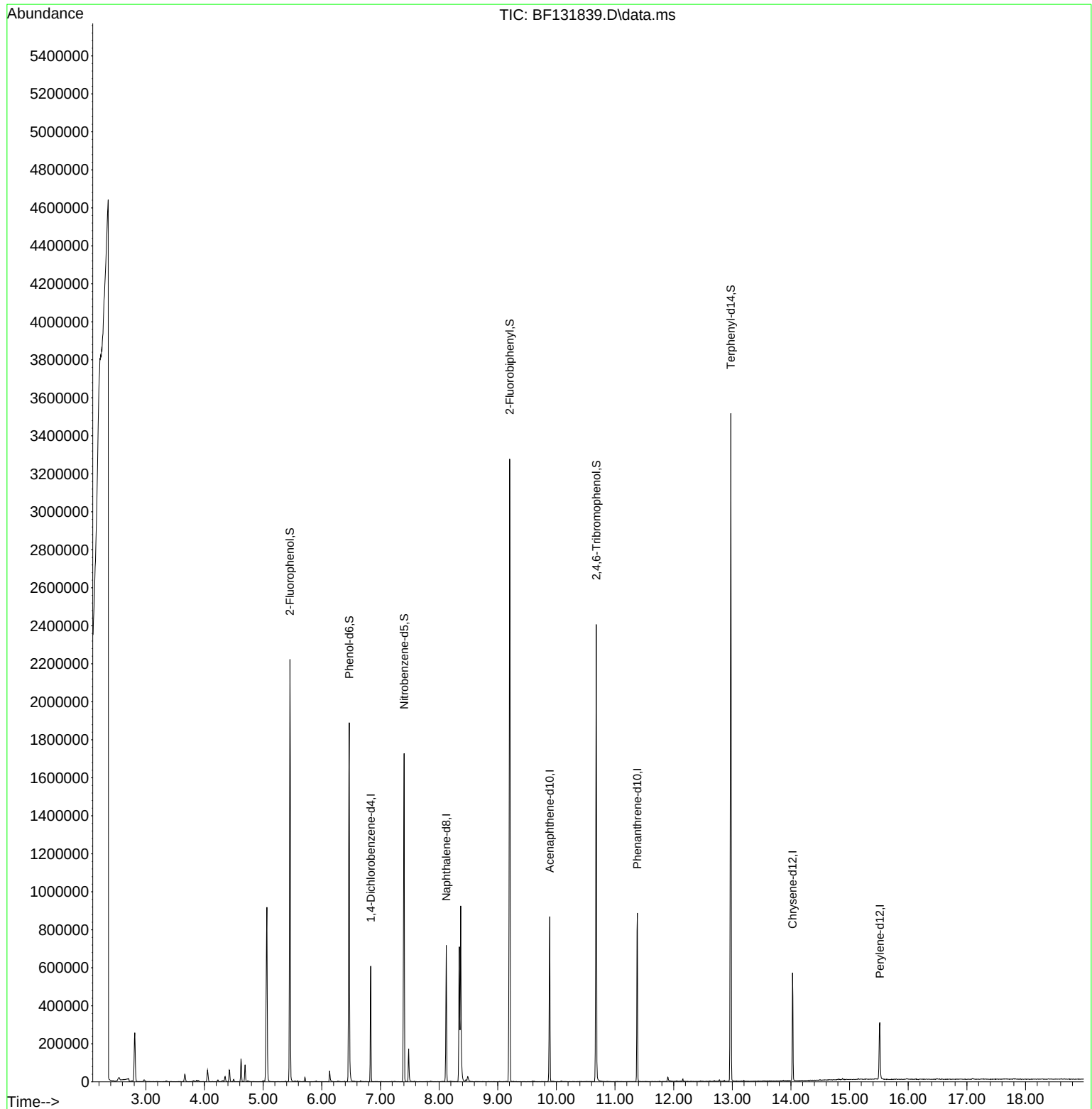
Target Compounds Qvalue

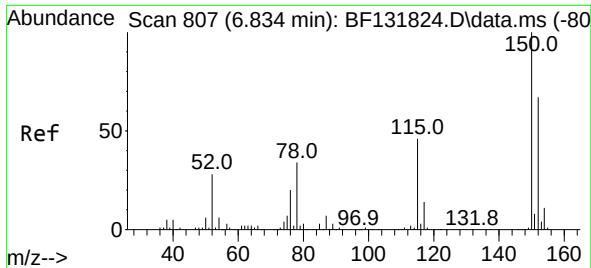
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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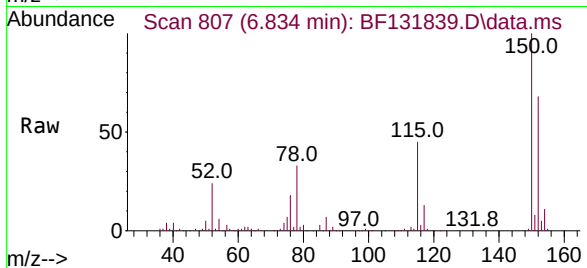
Quant Time: Dec 28 00:35:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
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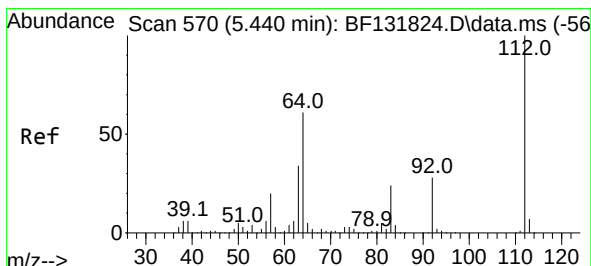
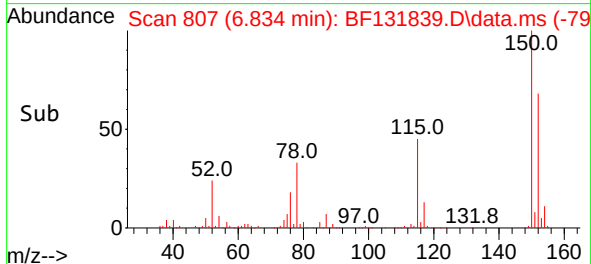
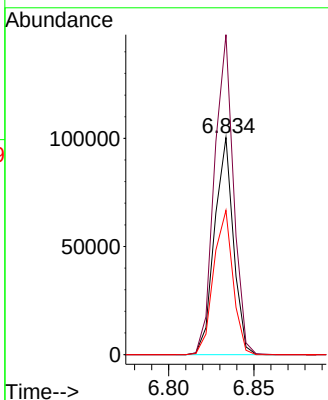


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

Instrument :
BNA_F
ClientSampleId :
COMP-3050

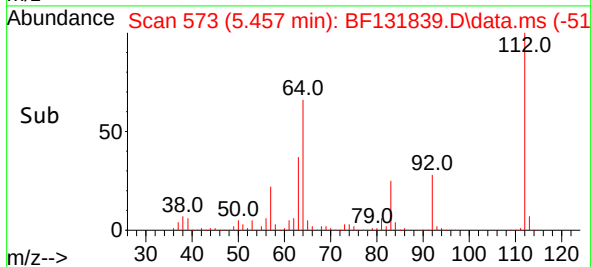
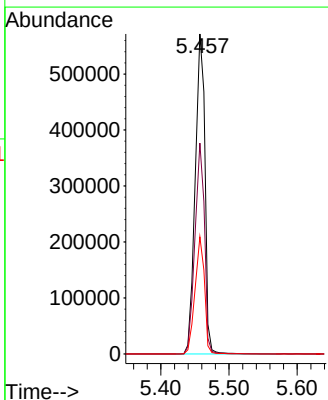
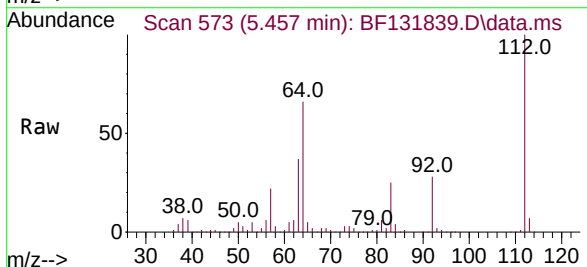


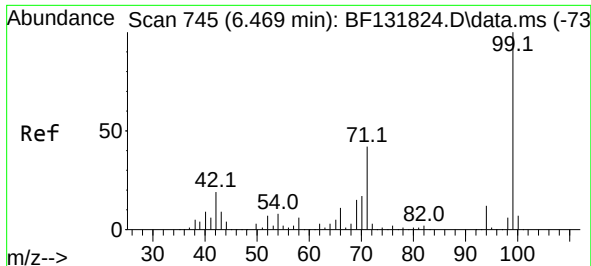
Tgt Ion:152 Resp: 77301
Ion Ratio Lower Upper
152 100
150 147.5 120.0 180.0
115 66.5 55.1 82.7



#5
2-Fluorophenol
Concen: 121.706 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

Tgt Ion:112 Resp: 567697
Ion Ratio Lower Upper
112 100
64 65.9 49.2 73.8
63 36.6 27.5 41.3

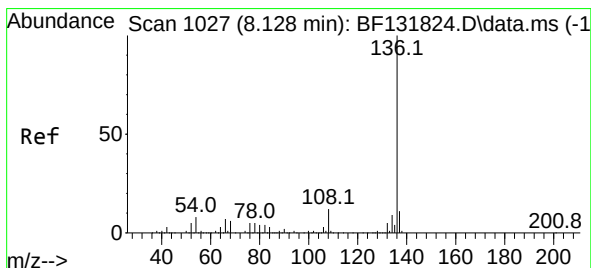
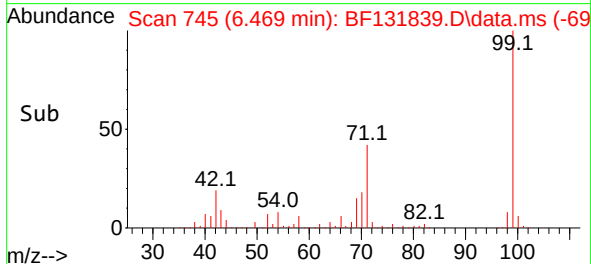
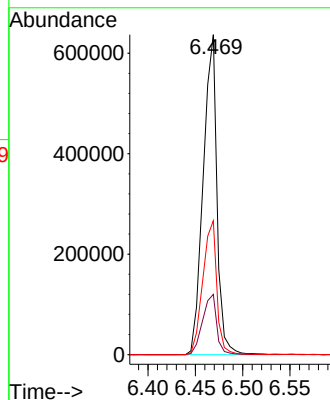
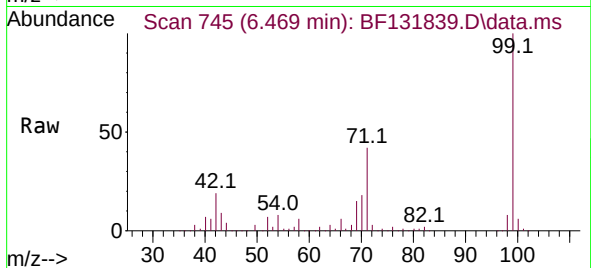




#7
Phenol-d6
Concen: 105.274 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

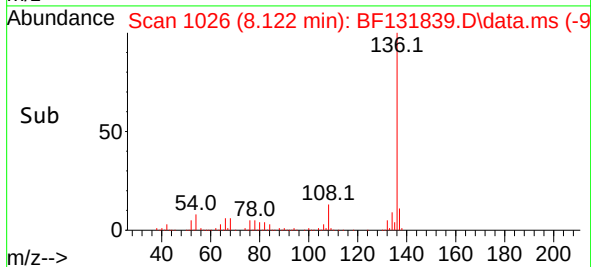
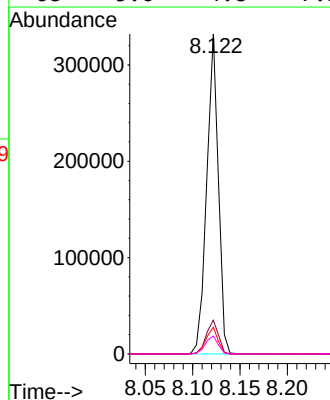
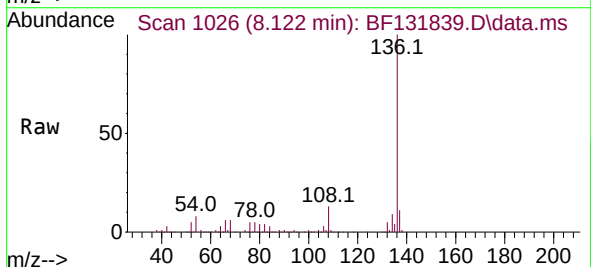
Instrument :
BNA_F
ClientSampleId :
COMP-3050

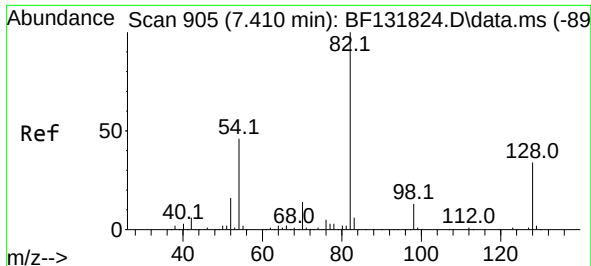
Tgt Ion: 99 Resp: 645150
Ion Ratio Lower Upper
99 100
42 18.8 15.3 22.9
71 41.8 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

Tgt Ion:136 Resp: 283851
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.3 6.7 10.1
68 5.6 4.8 7.2

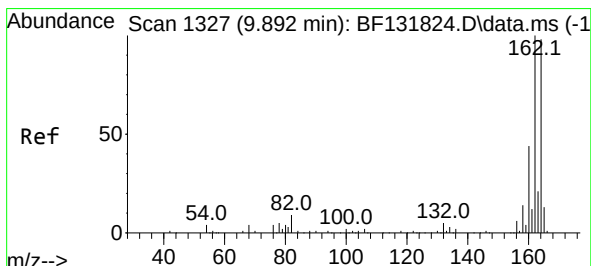
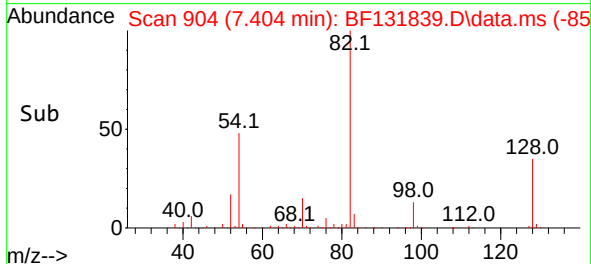
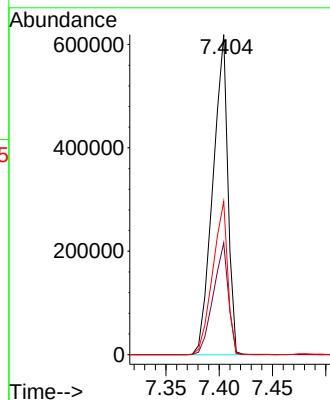
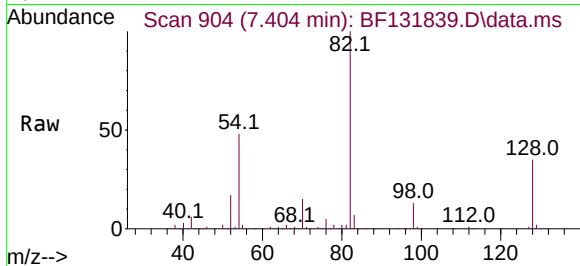




#23
Nitrobenzene-d5
Concen: 85.225 ng
RT: 7.404 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

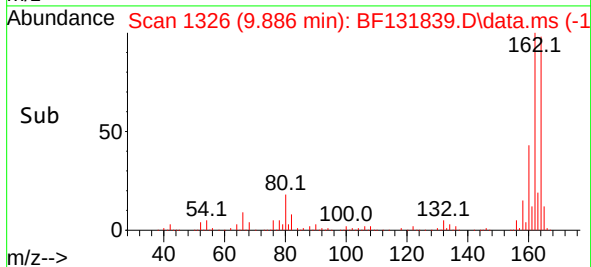
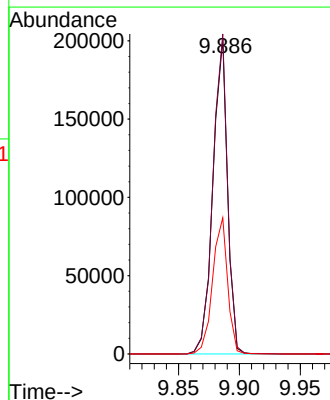
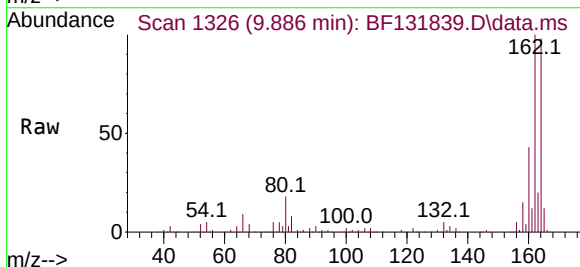
Instrument :
BNA_F
ClientSampleId :
COMP-3050

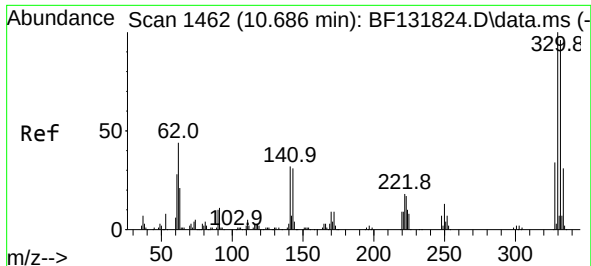
Tgt Ion: 82 Resp: 605909
Ion Ratio Lower Upper
82 100
128 34.9 27.1 40.7
54 47.9 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

Tgt Ion:164 Resp: 168092
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 43.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 145.645 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF131839.D

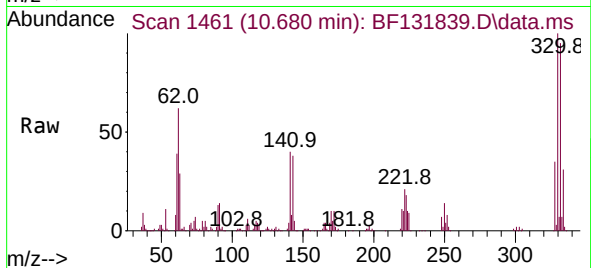
Acq: 27 Dec 2022 16:23

Instrument :

BNA_F

ClientSampleId :

COMP-3050



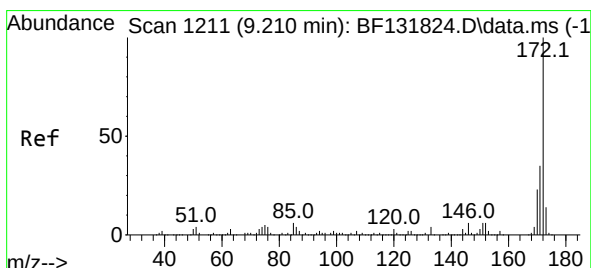
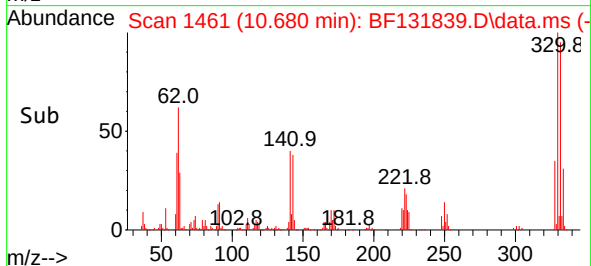
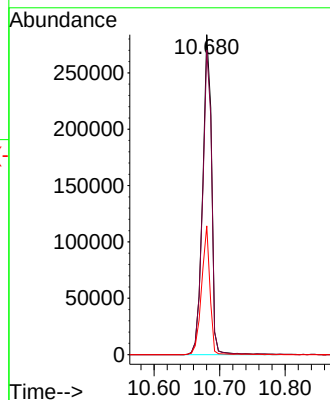
Tgt Ion:330 Resp: 265995

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 37.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 87.577 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

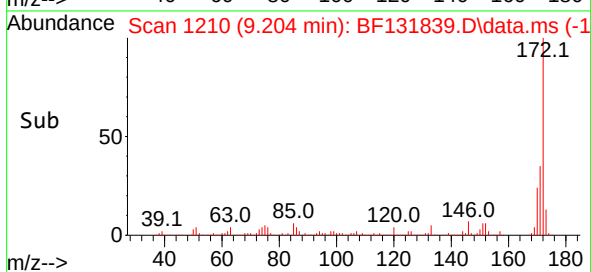
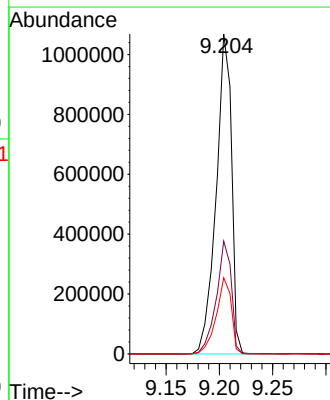
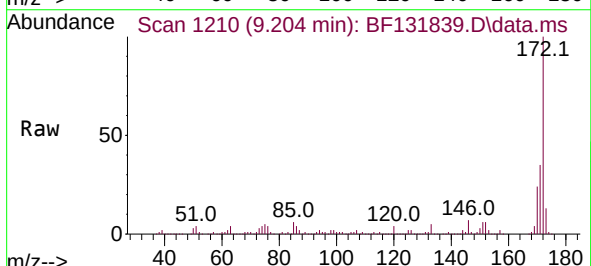
Tgt Ion:172 Resp: 1074732

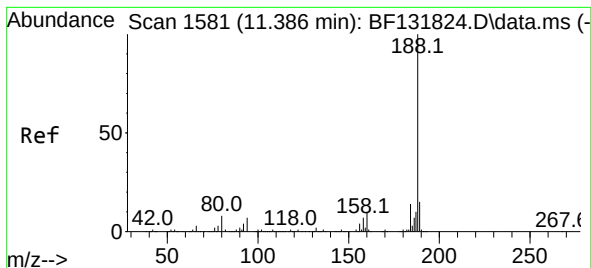
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

Instrument :

BNA_F

ClientSampleId :

COMP-3050

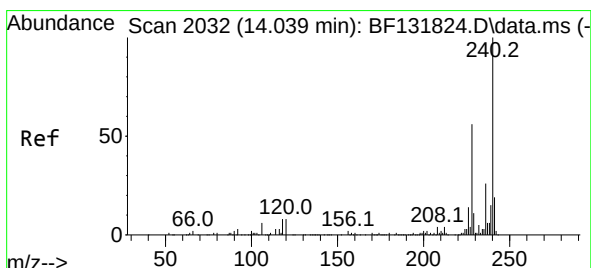
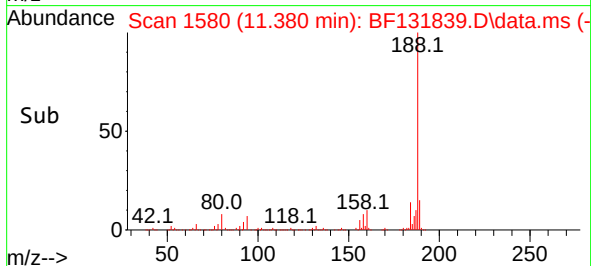
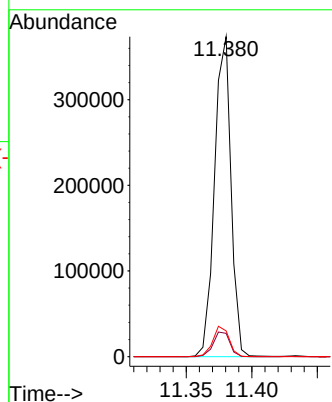
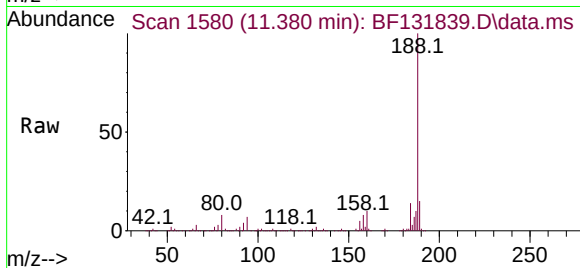
Tgt Ion:188 Resp: 326171

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.0 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

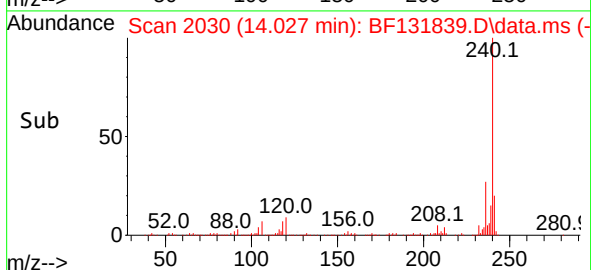
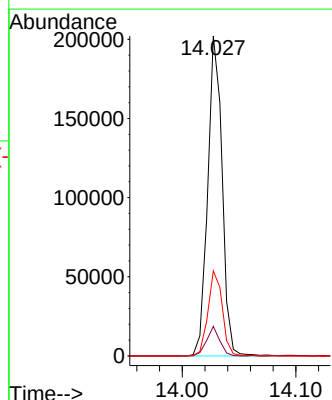
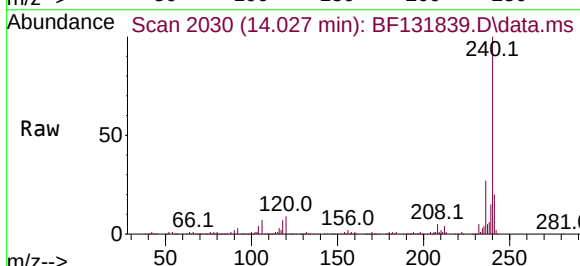
Tgt Ion:240 Resp: 178156

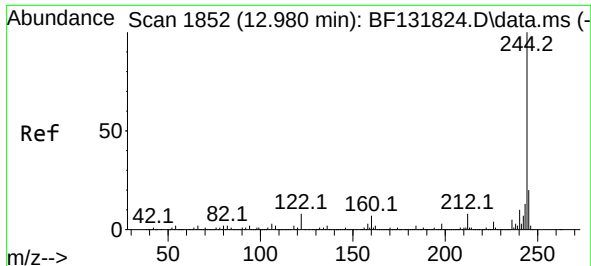
Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

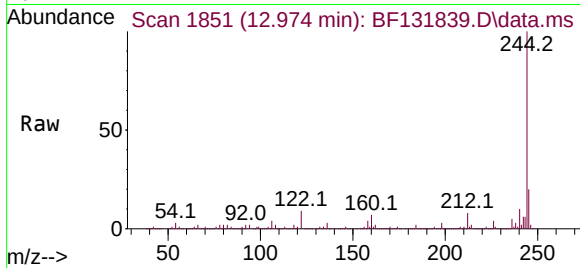
236 26.6 20.6 31.0



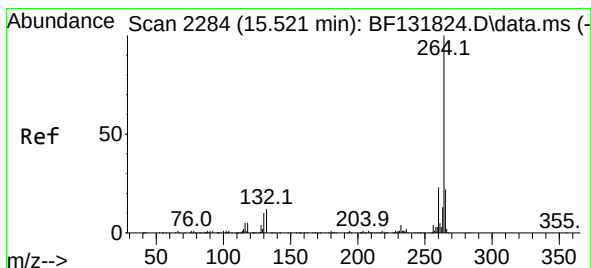
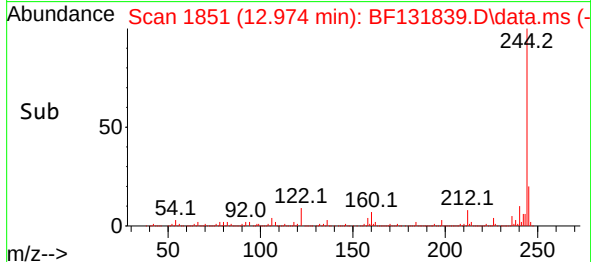
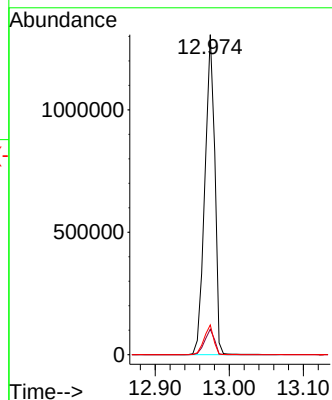


#79
 Terphenyl-d14
 Concen: 114.926 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131839.D
 Acq: 27 Dec 2022 16:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050



Tgt Ion:244 Resp: 1210439
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131839.D
 Acq: 27 Dec 2022 16:23

Tgt Ion:264 Resp: 148895
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 20.4 17.4 26.0

