

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139035.D
 Acq On : 15 Aug 2024 21:45
 Operator : RC/JU
 Sample : P3573-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-1.5-2-080924

Quant Time: Aug 16 00:28:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	41035	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	161701	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	86063	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	138803	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	72129	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	77999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	222091	83.546	ng	0.00
7) Phenol-d6	6.481	99	303274	84.973	ng	0.00
23) Nitrobenzene-d5	7.398	82	192654	58.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	60149	85.321	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	326965	57.082	ng	-0.02
79) Terphenyl-d14	12.933	244	247871	57.536	ng	-0.01

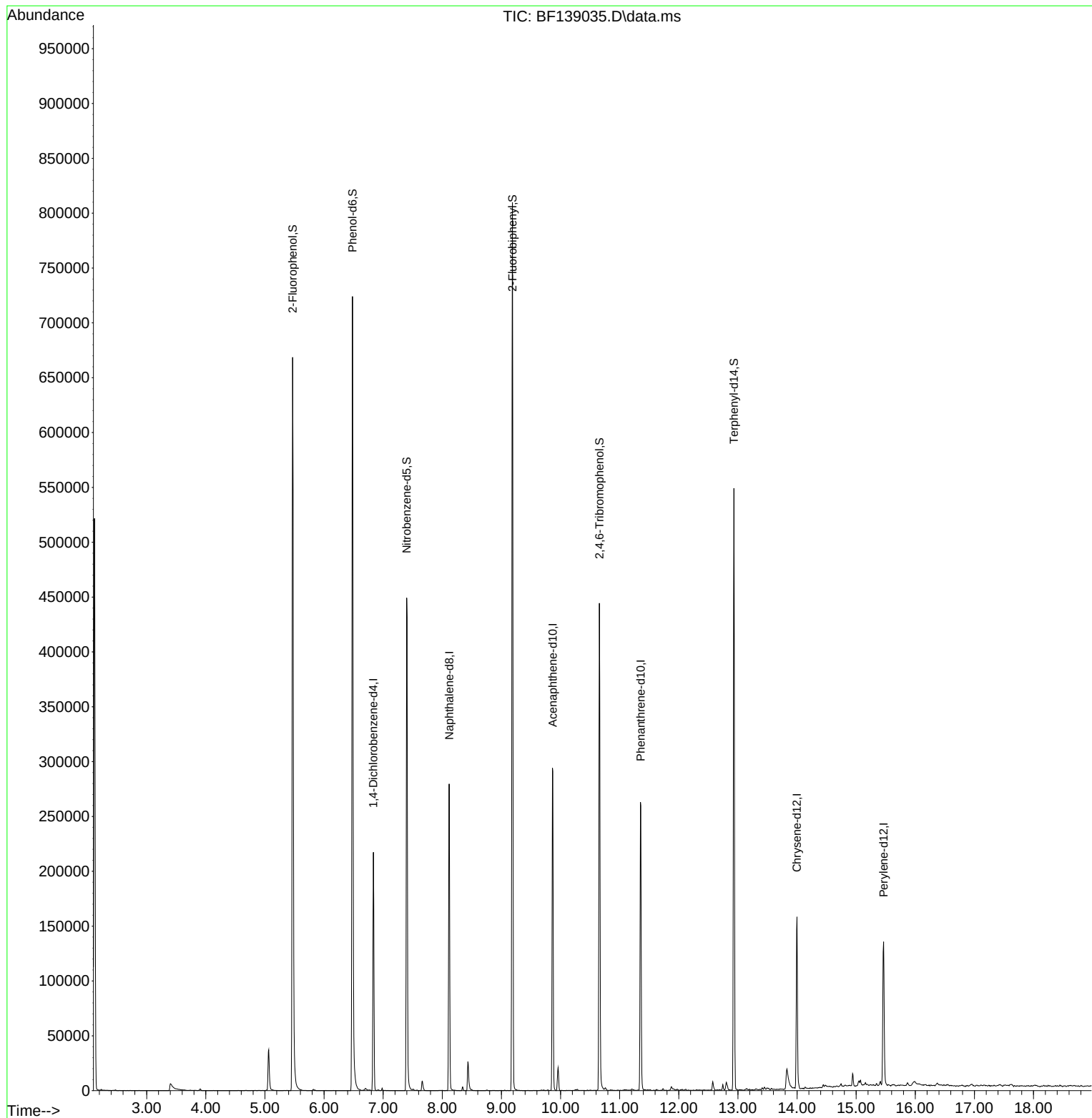
Target Compounds	Qvalue
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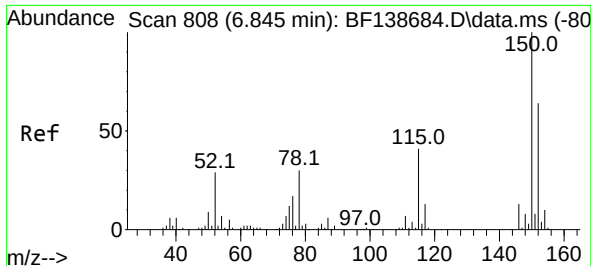
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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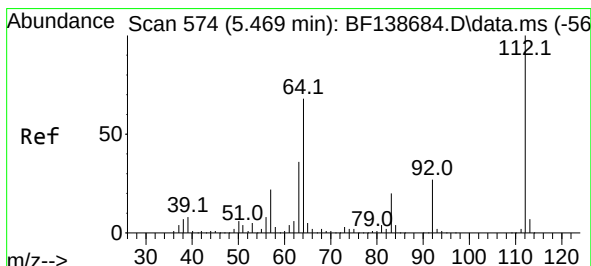
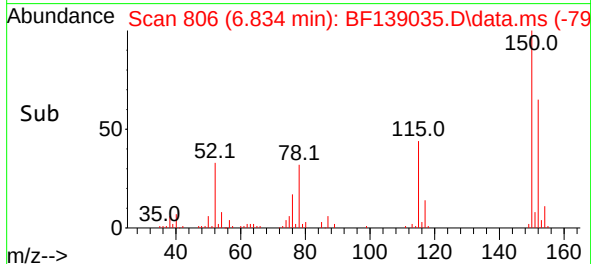
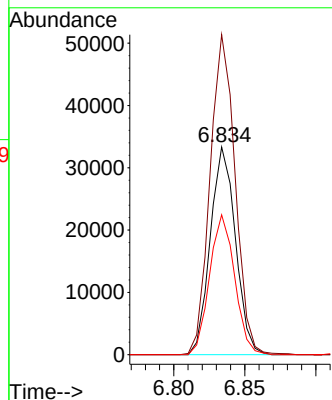
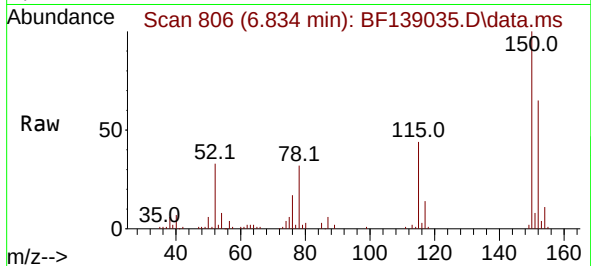




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

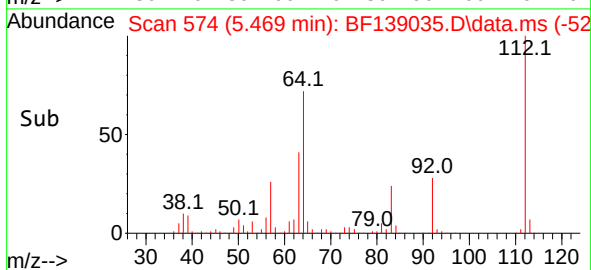
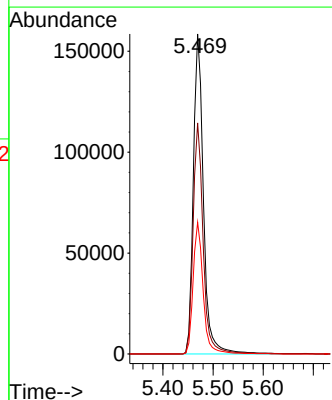
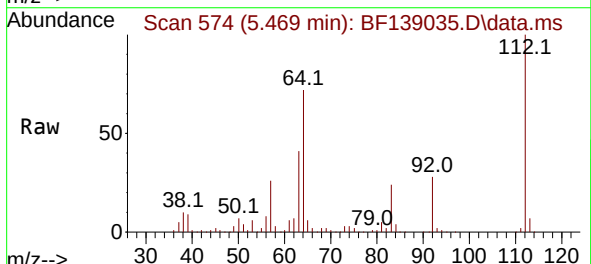
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1.5-2-080924

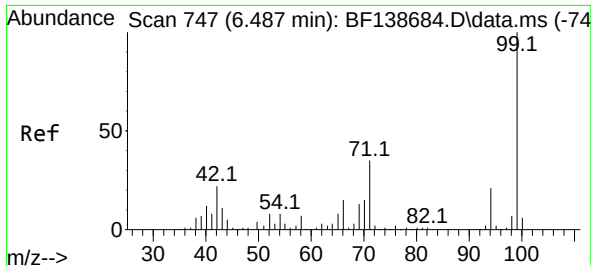
Tgt Ion:152 Resp: 41035
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 67.4 51.7 77.5



#5
2-Fluorophenol
Concen: 83.546 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

Tgt Ion:112 Resp: 222091
Ion Ratio Lower Upper
112 100
64 72.2 54.2 81.4
63 41.2 28.7 43.1

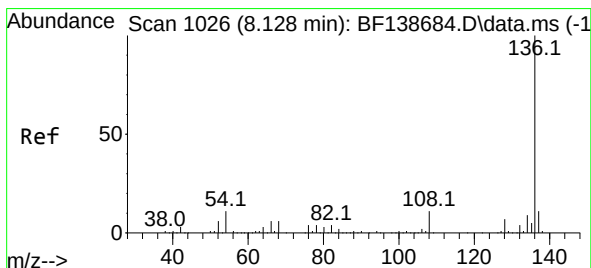
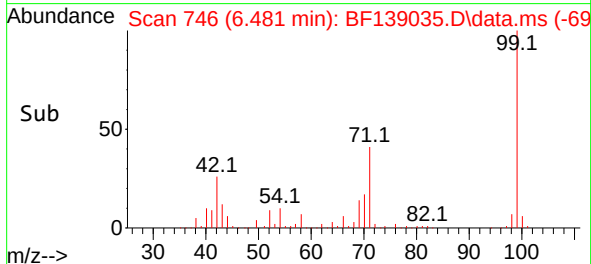
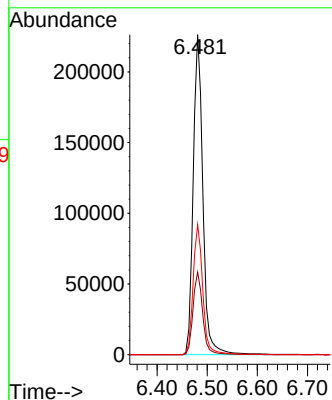
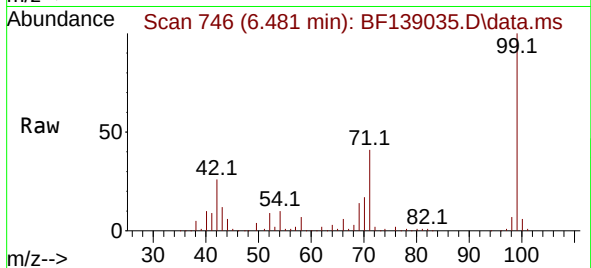




#7
Phenol-d6
Concen: 84.973 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

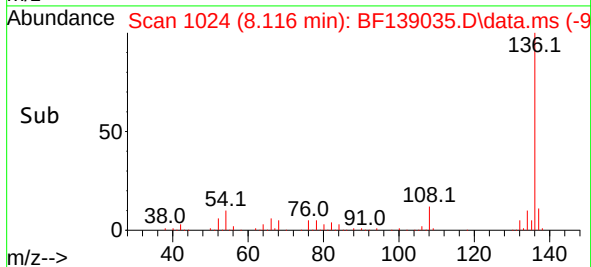
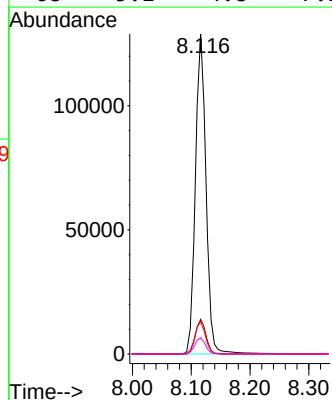
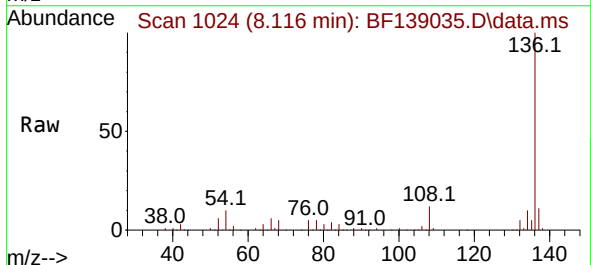
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1.5-2-080924

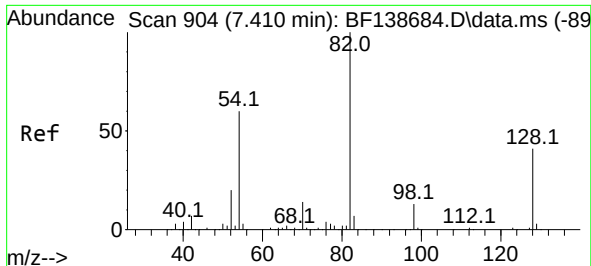
Tgt Ion: 99 Resp: 303274
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

Tgt Ion: 136 Resp: 161701
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2

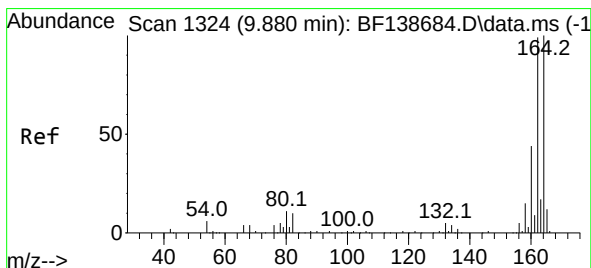
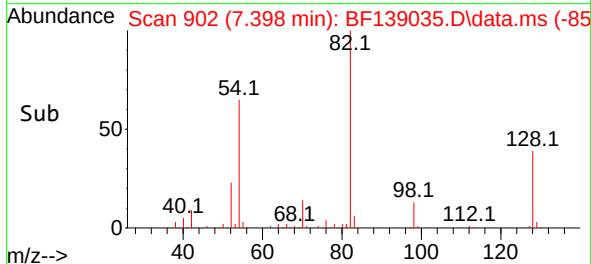
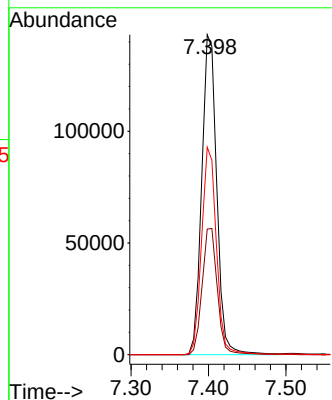
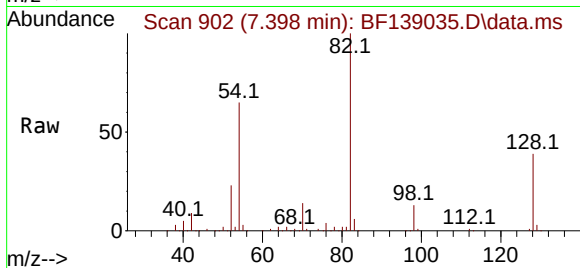




#23
Nitrobenzene-d5
Concen: 58.250 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

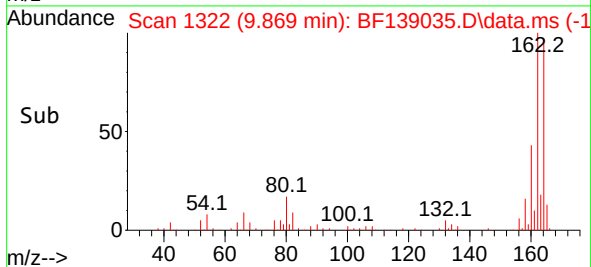
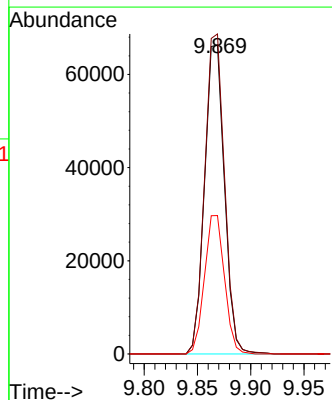
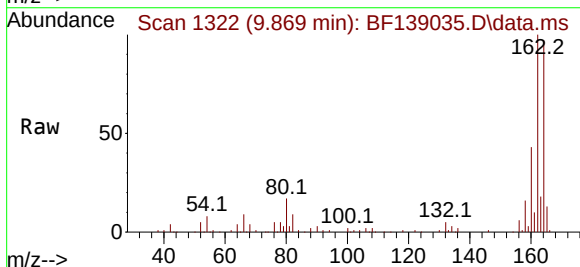
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1.5-2-080924

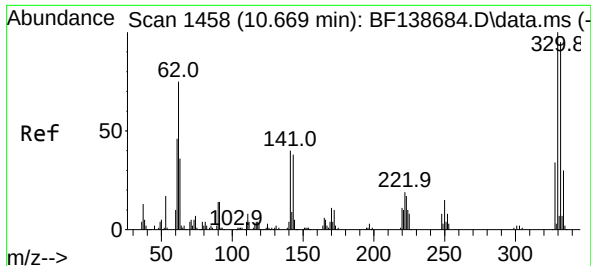
Tgt Ion: 82 Resp: 192654
Ion Ratio Lower Upper
82 100
128 39.2 32.8 49.2
54 64.9 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

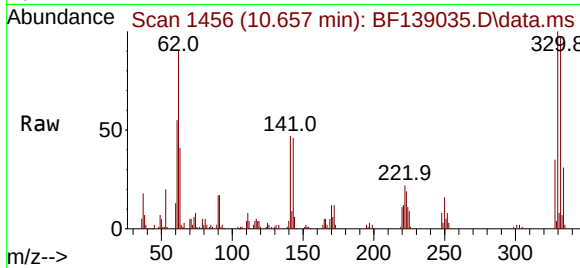
Tgt Ion:164 Resp: 86063
Ion Ratio Lower Upper
164 100
162 103.5 79.4 119.0
160 44.8 35.1 52.7



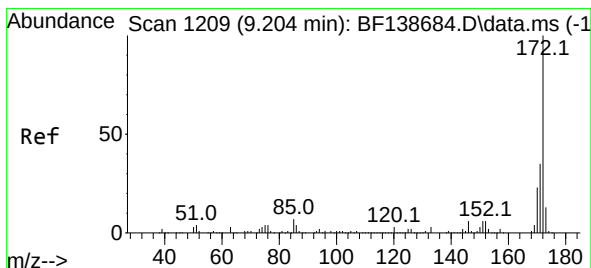
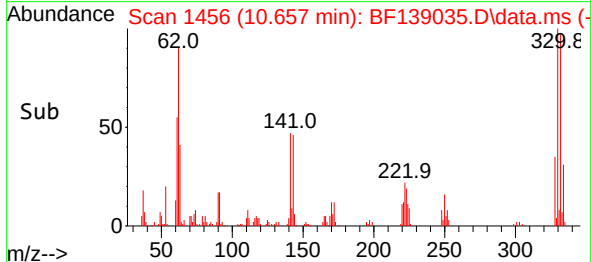
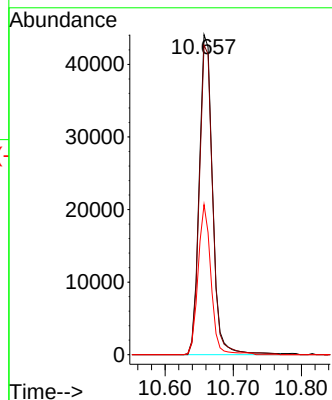


#42
2,4,6-Tribromophenol
Concen: 85.321 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1.5-2-080924

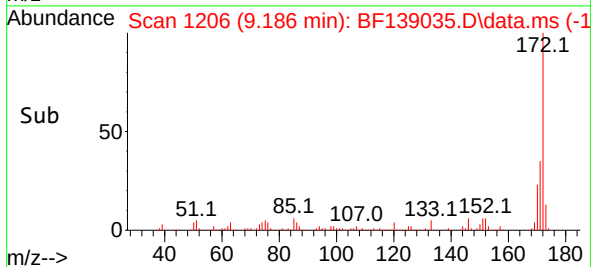
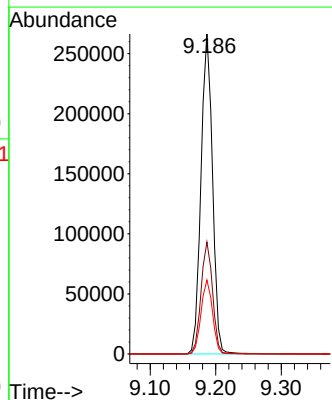
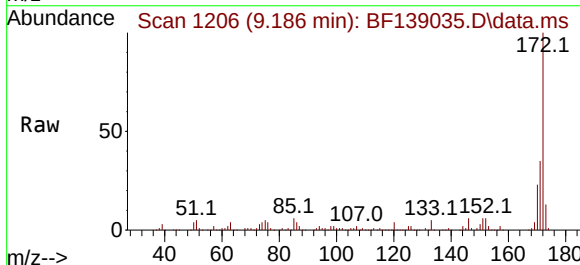


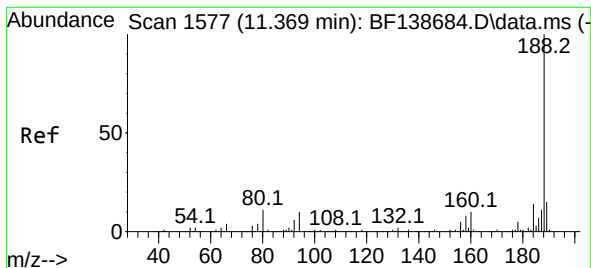
Tgt Ion: 330 Resp: 60149
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 45.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 57.082 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139035.D
Acq: 15 Aug 2024 21:45

Tgt Ion: 172 Resp: 326965
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139035.D

Acq: 15 Aug 2024 21:45

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1.5-2-080924

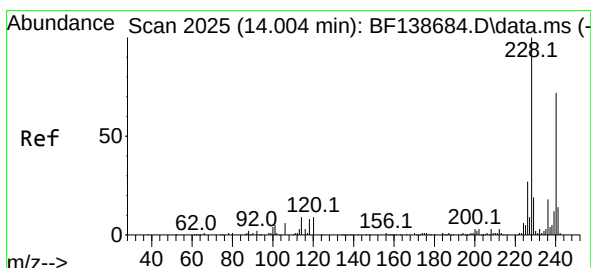
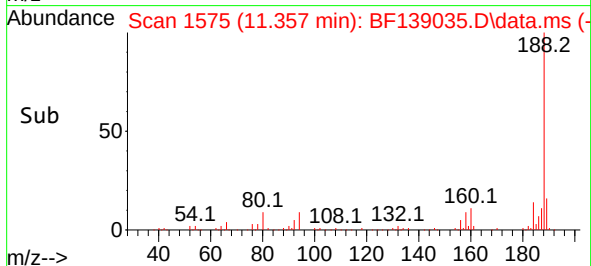
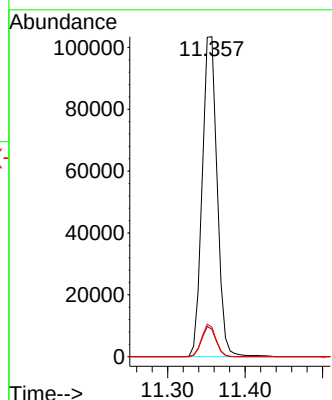
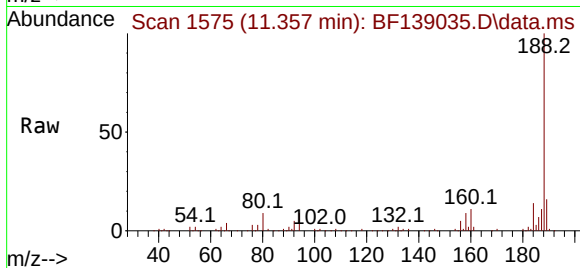
Tgt Ion:188 Resp: 138803

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139035.D

Acq: 15 Aug 2024 21:45

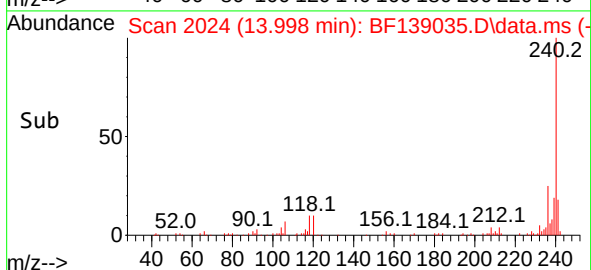
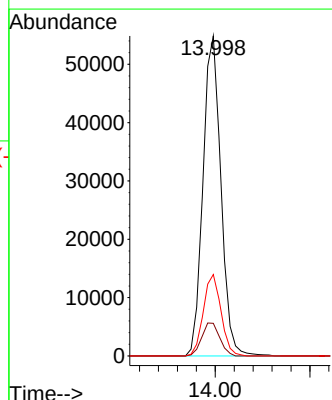
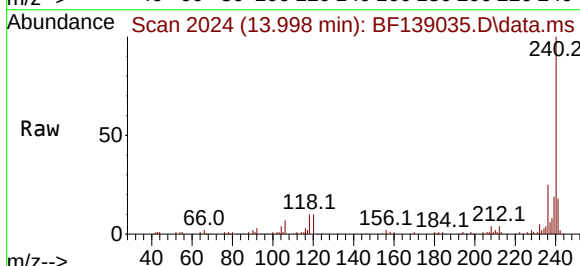
Tgt Ion:240 Resp: 72129

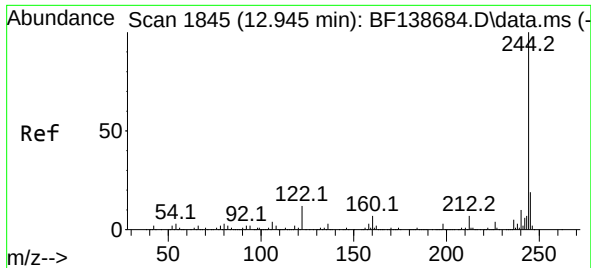
Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 25.5 19.8 29.8

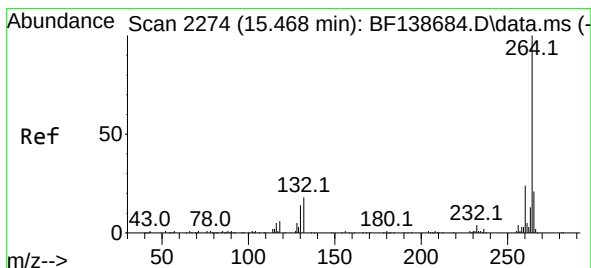
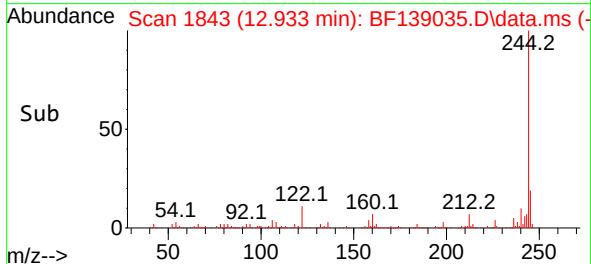
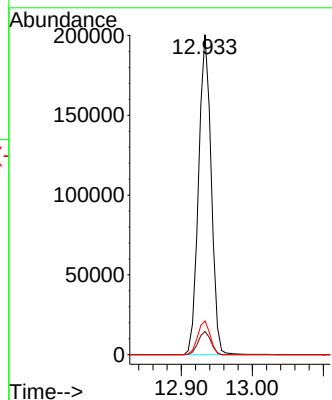
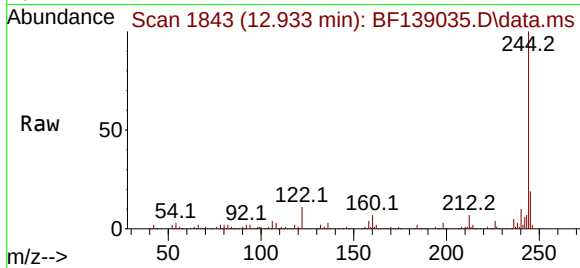




#79
 Terphenyl-d14
 Concen: 57.536 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139035.D
 Acq: 15 Aug 2024 21:45

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-1.5-2-080924

Tgt Ion:244 Resp: 247871
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139035.D
 Acq: 15 Aug 2024 21:45

Tgt Ion:264 Resp: 77999
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.6
 265 20.7 17.0 25.6

