

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
Data File : BF138853.D
Acq On : 07 Aug 2024 20:37
Operator : RC/JU
Sample : P3430-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
931-K1-WP0-0-0.25-073124

Quant Time: Aug 08 01:21:09 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	6.840	152	43452	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	175543	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	97393	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	156156	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	77173	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	81060	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	162917	57.877	ng	0.00
7) Phenol-d6	6.481	99	136059	36.001	ng	0.00
23) Nitrobenzene-d5	7.404	82	320103	89.153	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	111490	139.750	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	597462	92.171	ng	-0.01
79) Terphenyl-d14	12.939	244	406638	88.220	ng	0.00

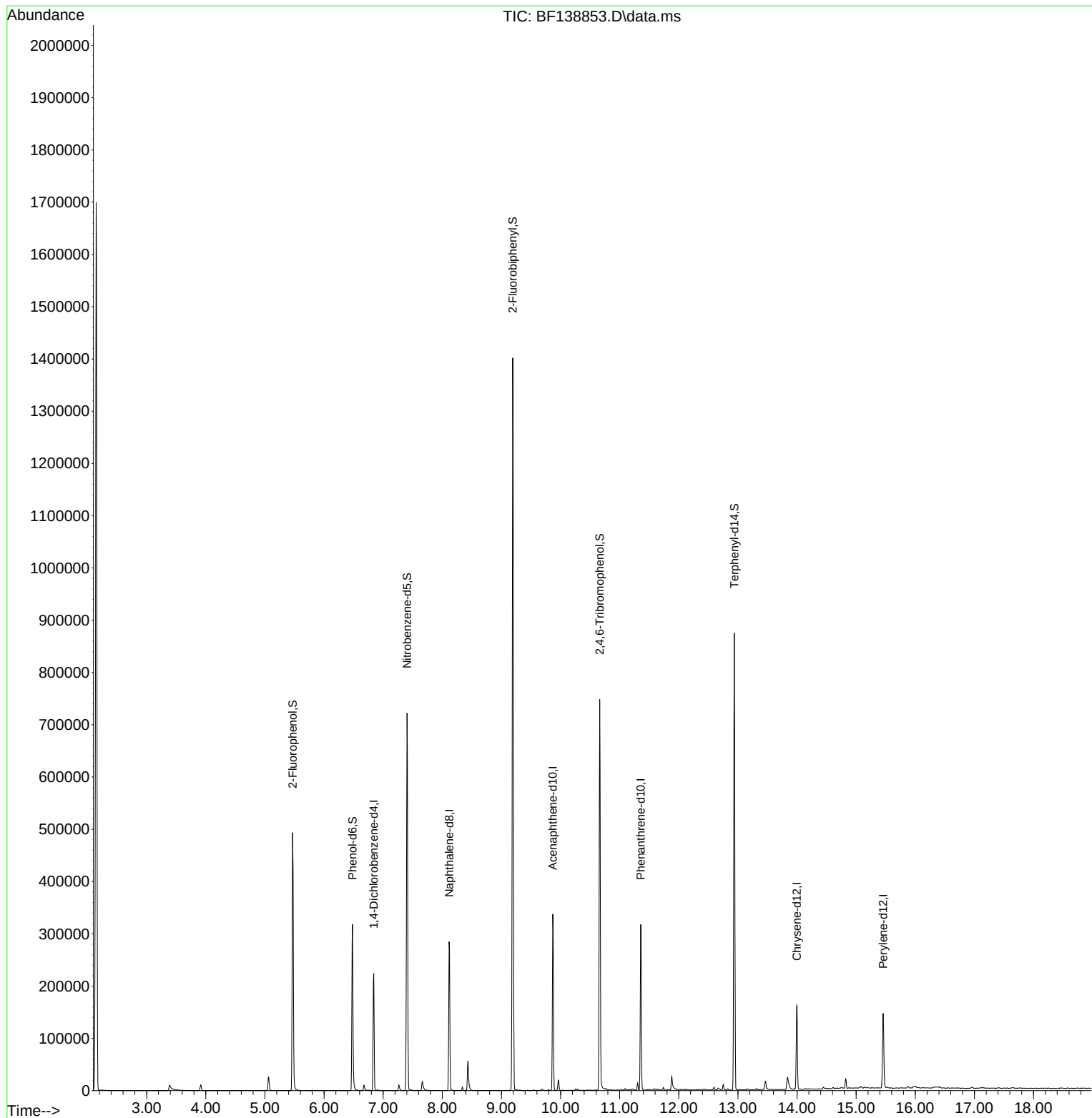
Target Compounds	Qvalue

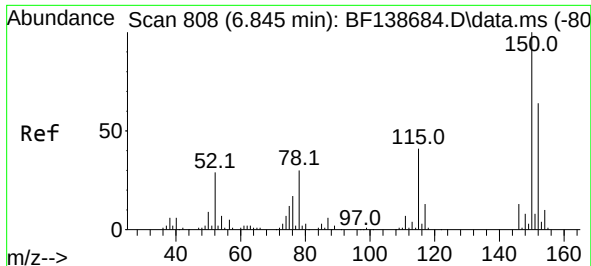
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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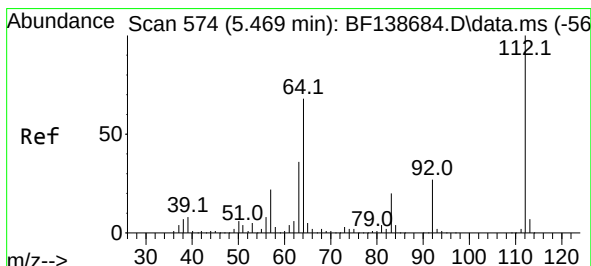
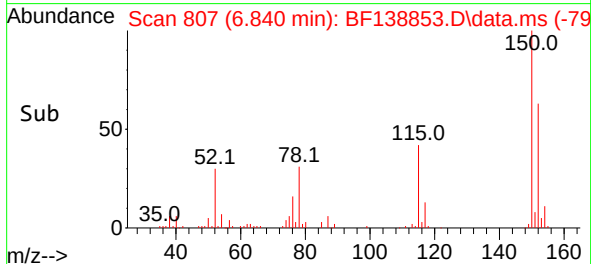
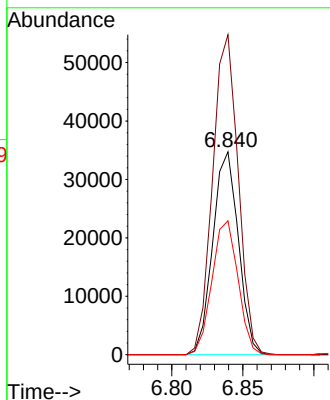
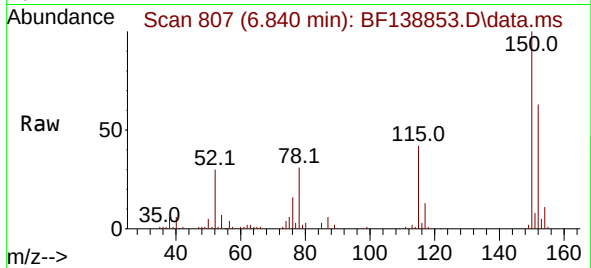




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

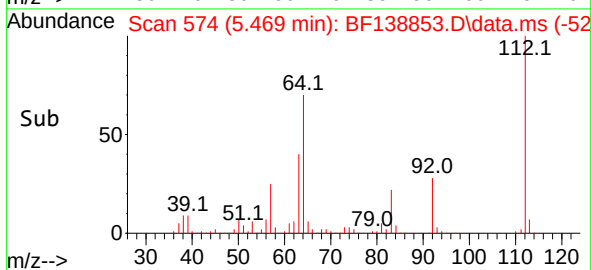
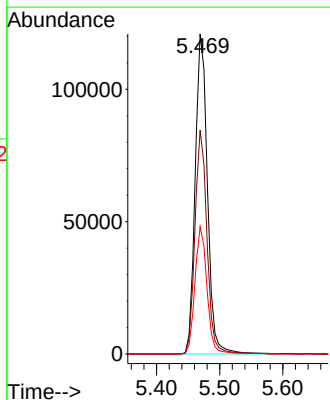
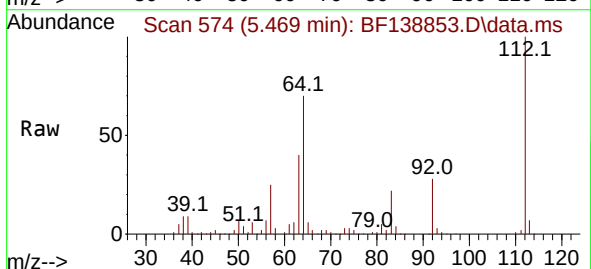
Instrument :
BNA_F
ClientSampleId :
931-K1-WP0-0-0.25-073124

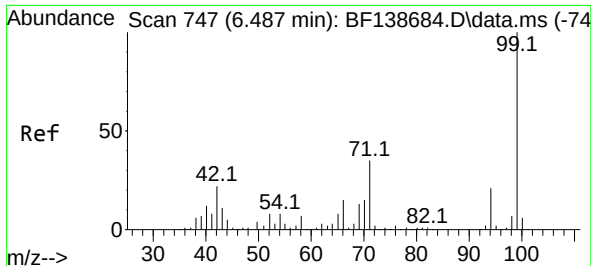
Tgt Ion:152 Resp: 43452
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 66.0 51.7 77.5



#5
2-Fluorophenol
Concen: 57.877 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion:112 Resp: 162917
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.8 28.7 43.1

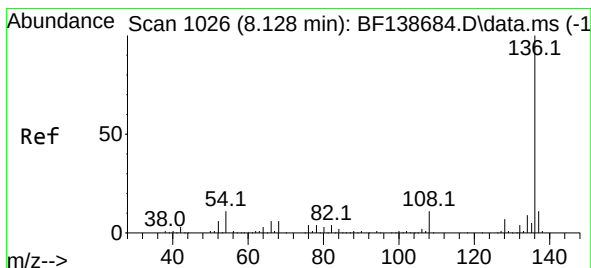
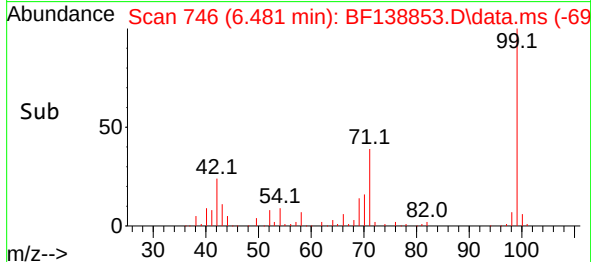
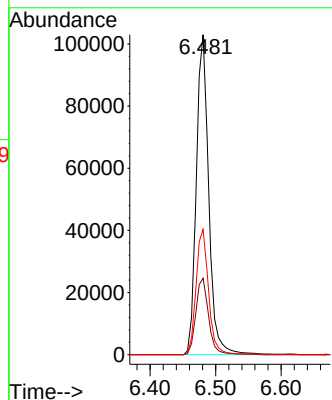
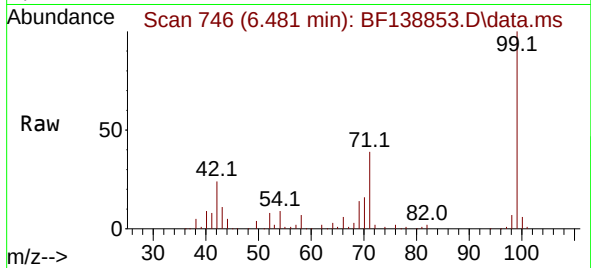




#7
Phenol-d6
Concen: 36.001 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

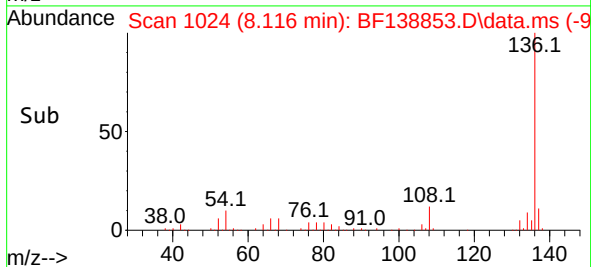
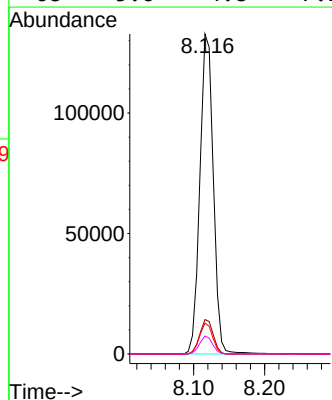
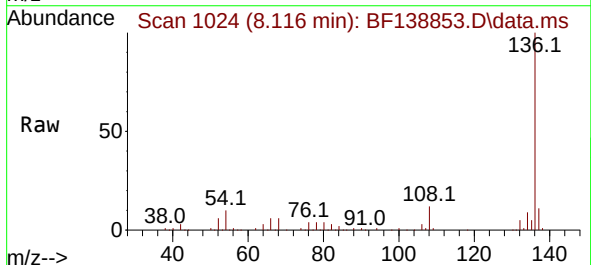
Instrument :
BNA_F
ClientSampleId :
931-K1-WP0-0-0.25-073124

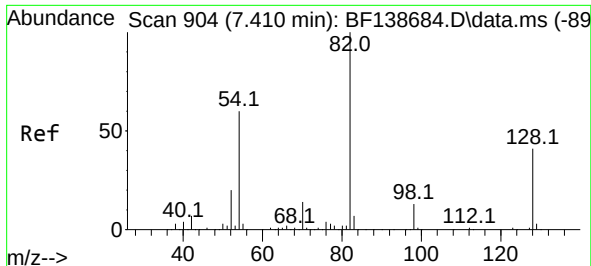
Tgt Ion: 99 Resp: 136059
Ion Ratio Lower Upper
99 100
42 23.9 17.4 26.0
71 39.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion: 136 Resp: 175543
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.7 8.6 12.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.153 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138853.D

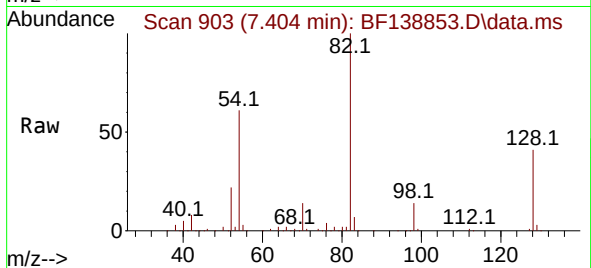
Acq: 07 Aug 2024 20:37

Instrument :

BNA_F

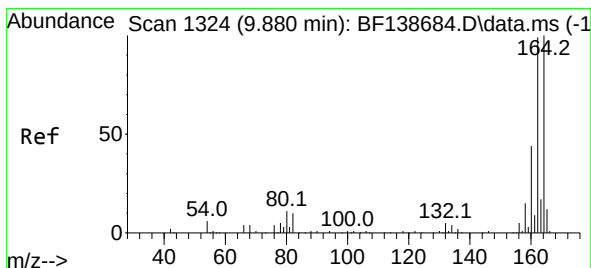
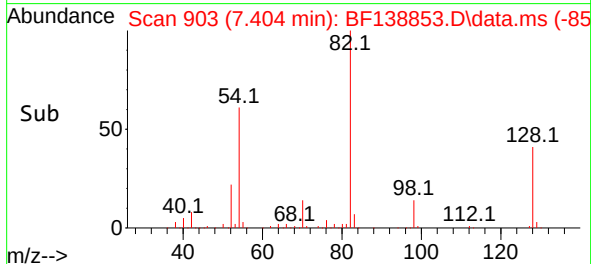
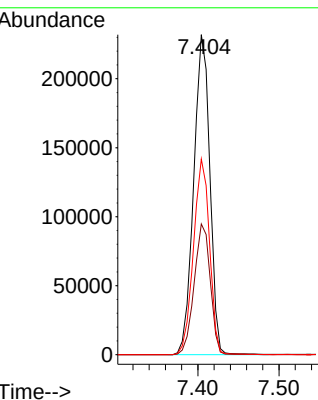
ClientSampleId :

931-K1-WP0-0-0.25-073124



Tgt Ion: 82 Resp: 320103

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	61.1	48.3	72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

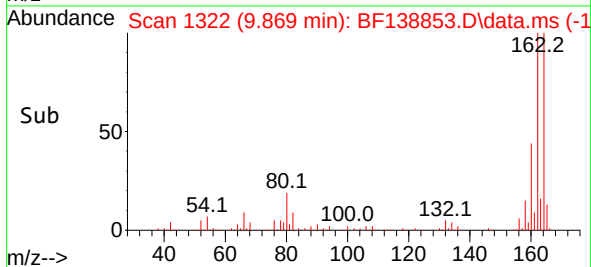
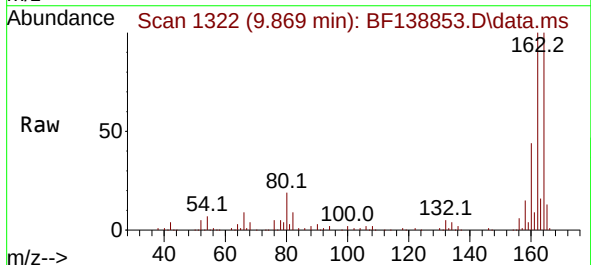
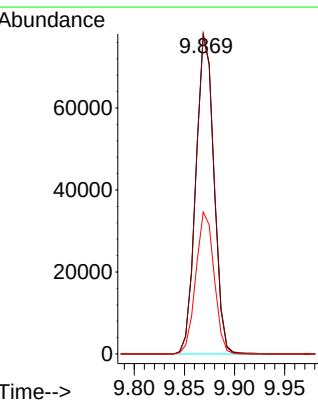
Delta R.T. -0.011 min

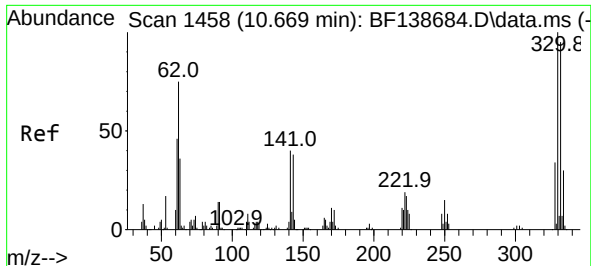
Lab File: BF138853.D

Acq: 07 Aug 2024 20:37

Tgt Ion: 164 Resp: 97393

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.4	119.0
160	44.4	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 139.750 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138853.D

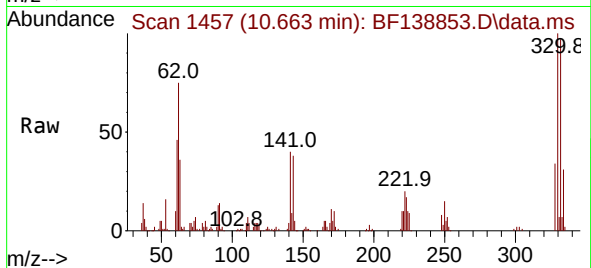
Acq: 07 Aug 2024 20:37

Instrument :

BNA_F

ClientSampleId :

931-K1-WP0-0-0.25-073124



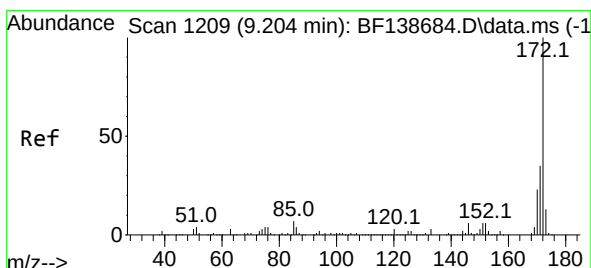
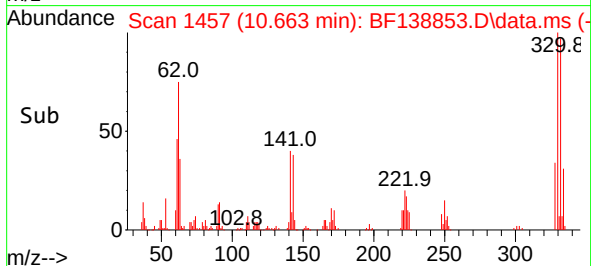
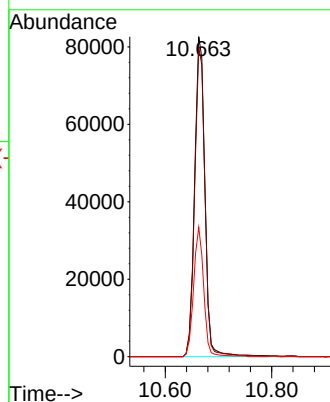
Tgt Ion:330 Resp: 111490

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

141 39.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 92.171 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138853.D

Acq: 07 Aug 2024 20:37

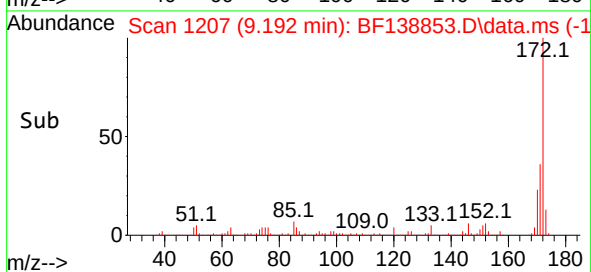
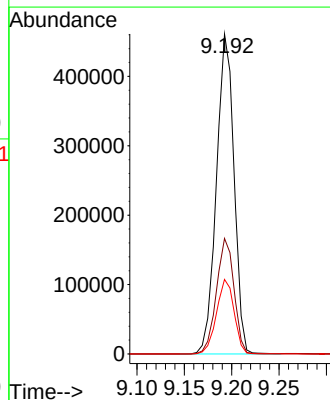
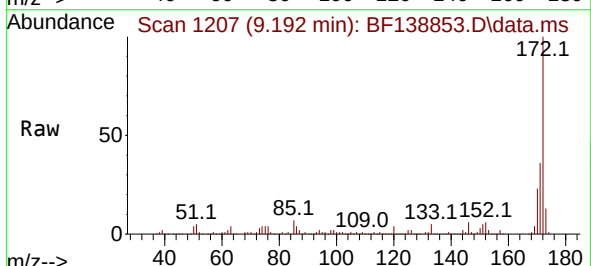
Tgt Ion:172 Resp: 597462

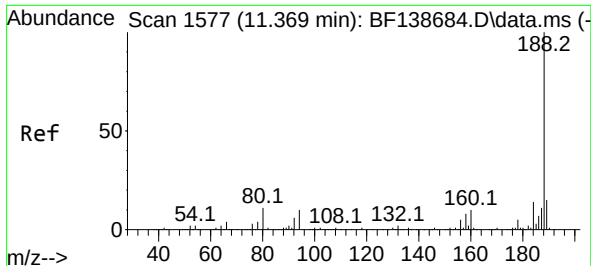
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.3 18.8 28.2

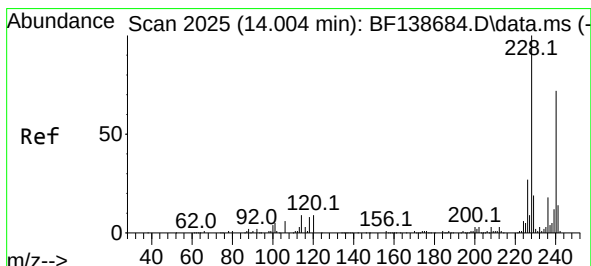
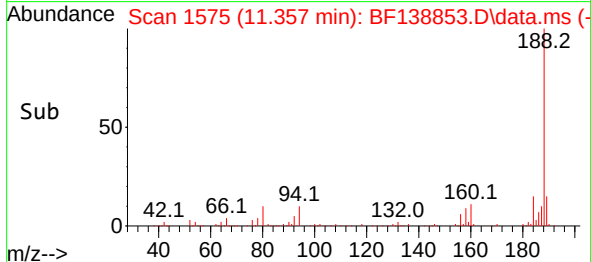
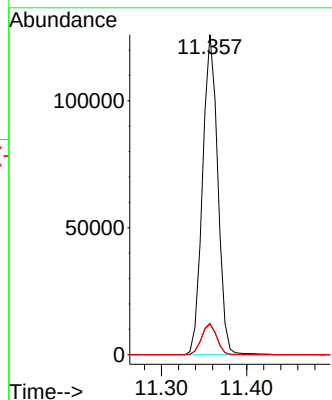
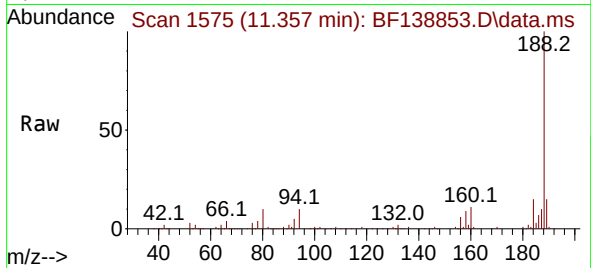




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

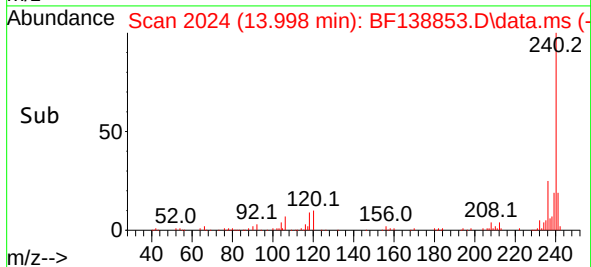
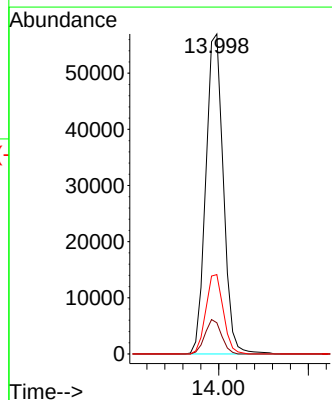
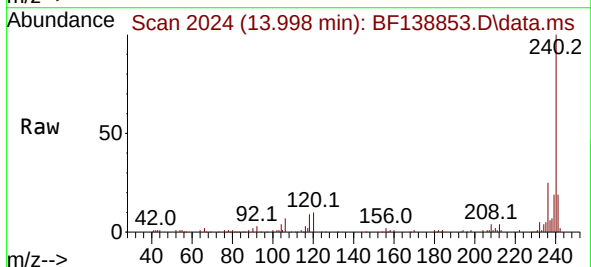
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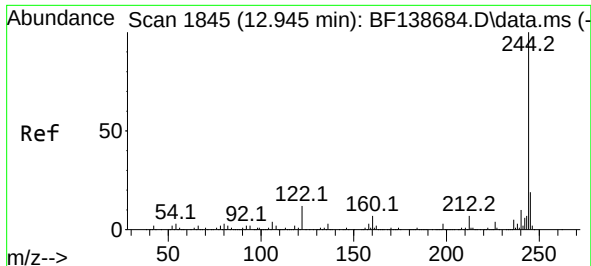
Tgt Ion:188 Resp: 156156
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

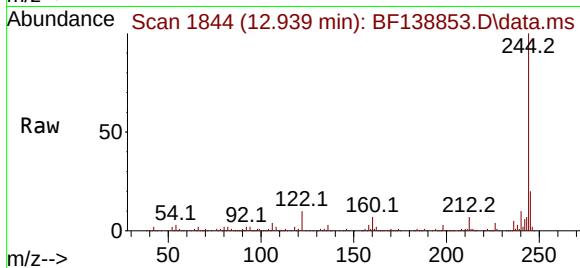
Tgt Ion:240 Resp: 77173
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 24.8 19.8 29.8



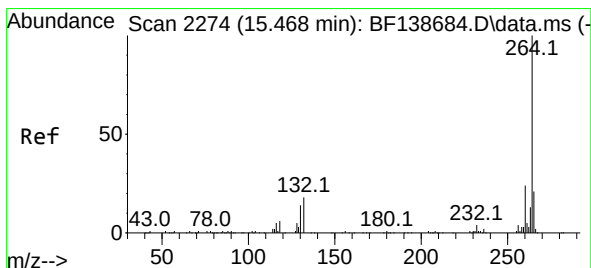
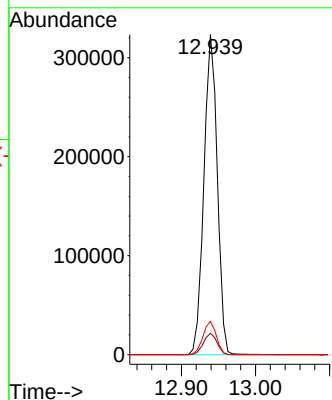
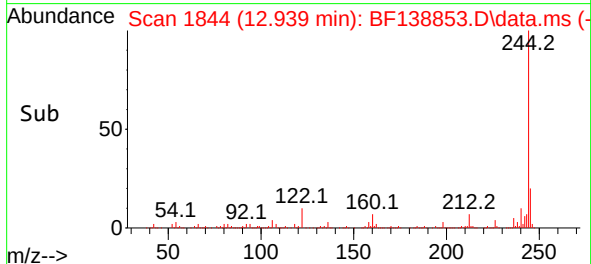


#79
Terphenyl-d14
Concen: 88.220 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

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Tgt Ion:244 Resp: 406638
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.4 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion:264 Resp: 81060
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.8 17.0 25.6

