

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138854.D
 Acq On : 07 Aug 2024 21:08
 Operator : RC/JU
 Sample : P3430-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 08 01:21:29 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)

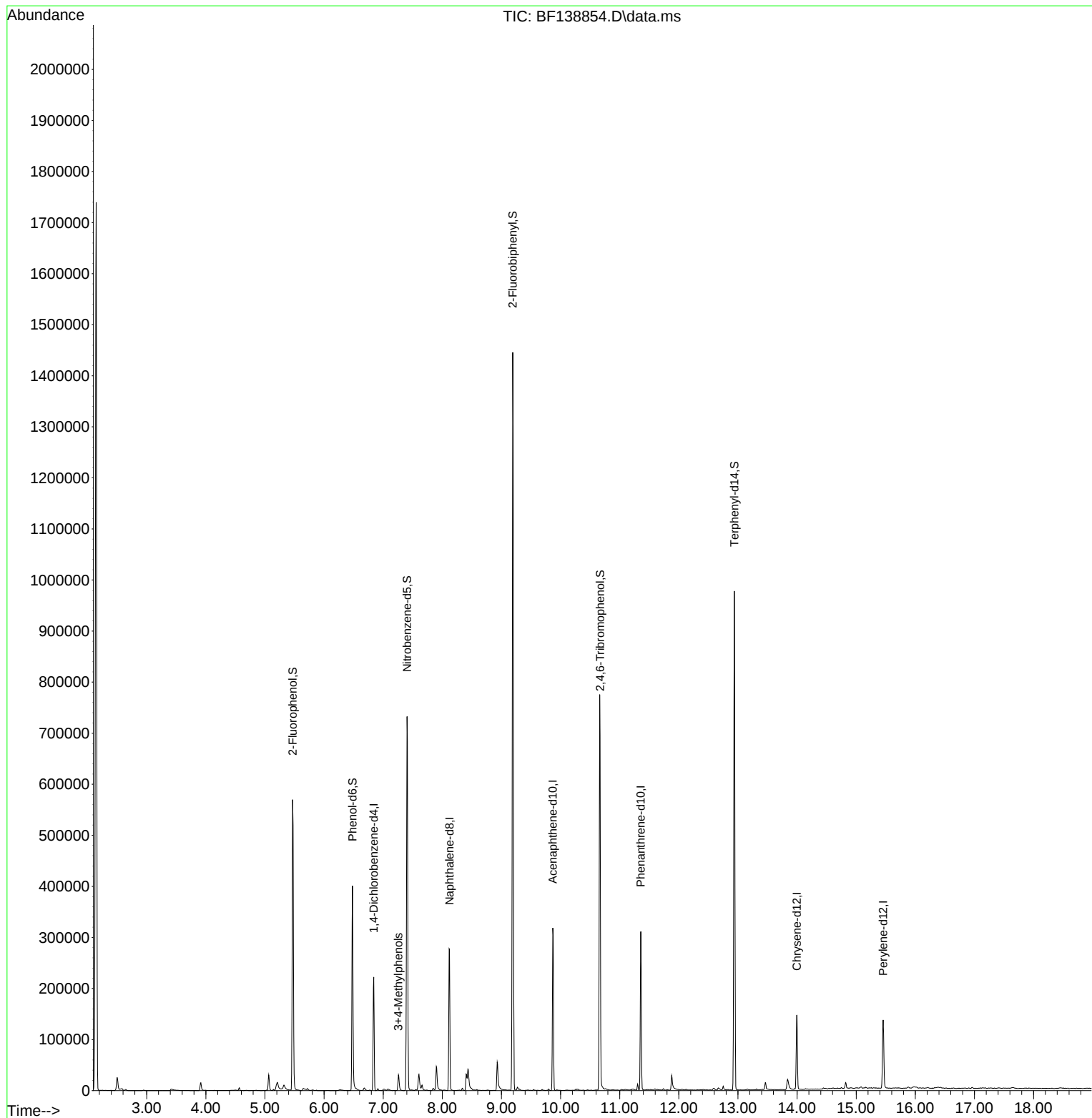
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	41667	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	170222	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	93712	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	152505	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	71246	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	77648	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	189157	70.078	ng	0.00
7) Phenol-d6	6.481	99	163736	45.181	ng	0.00
23) Nitrobenzene-d5	7.404	82	332110	95.389	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	116150	151.311	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	614503	98.524	ng	-0.01
79) Terphenyl-d14	12.939	244	453101	106.478	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.257	107	11440	3.802	ng	# 47

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

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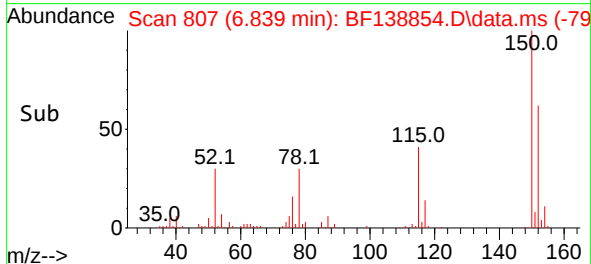
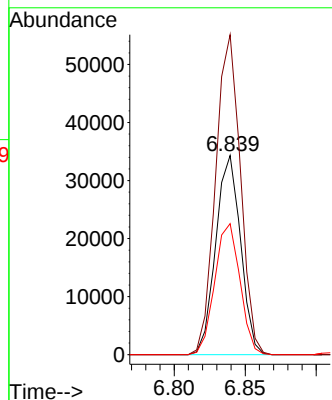
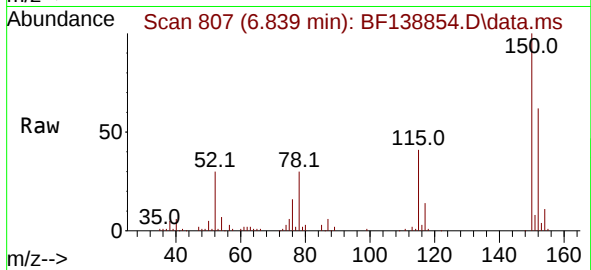




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

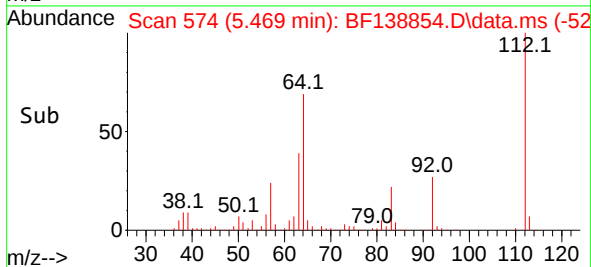
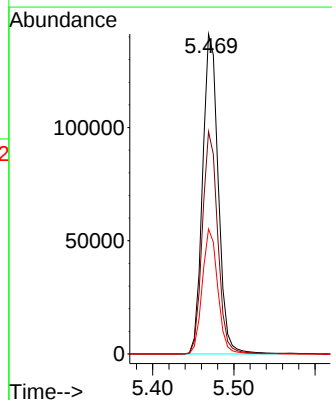
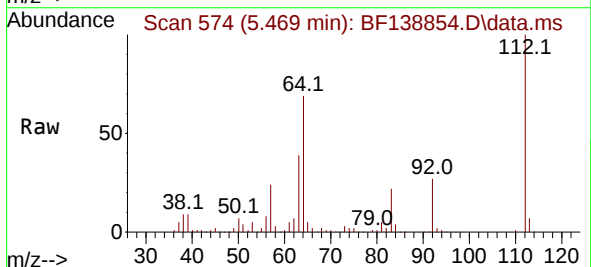
Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

Tgt Ion:152 Resp: 41667
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 70.078 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:112 Resp: 189157
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.1 28.7 43.1

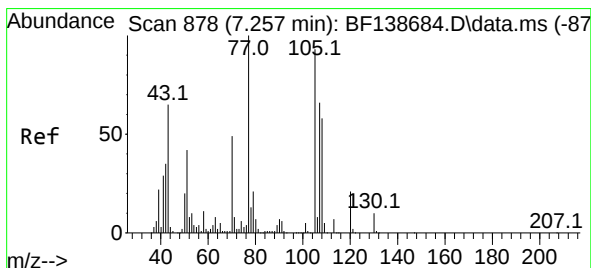
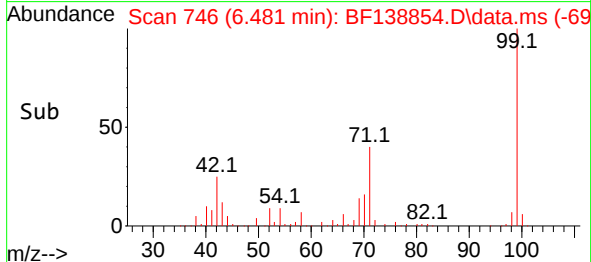
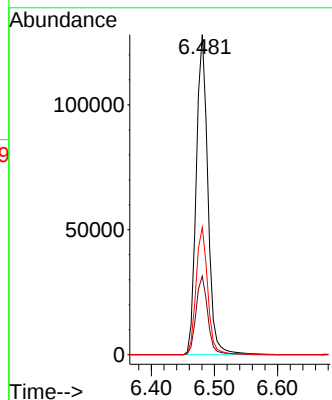
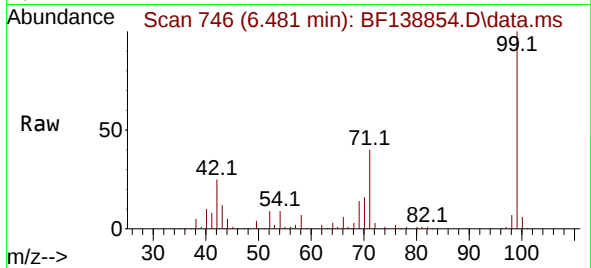




#7
Phenol-d6
Concen: 45.181 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

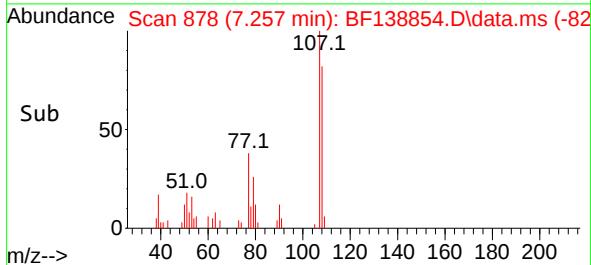
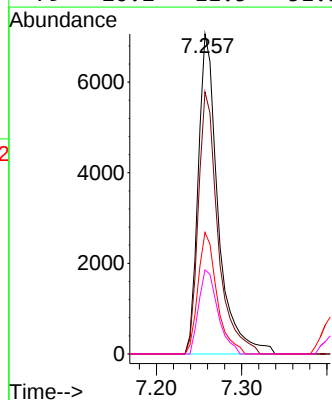
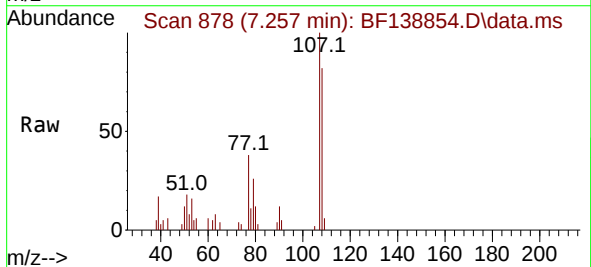
Instrument :
BNA_F
ClientSampleId :
925-K1-WP0-0-0.25-073124

Tgt Ion: 99 Resp: 163736
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.8 28.1 42.1



#20
3+4-Methylphenols
Concen: 3.802 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

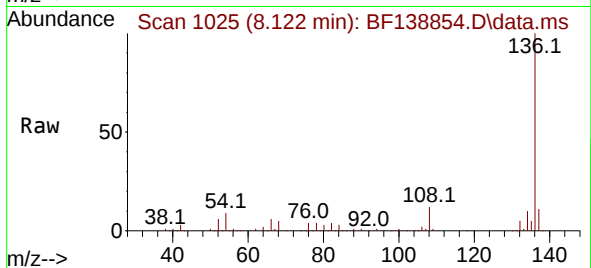
Tgt Ion: 107 Resp: 11440
Ion Ratio Lower Upper
107 100
108 81.9 68.2 108.2
77 38.0 132.1 172.1#
79 26.2 11.5 51.5



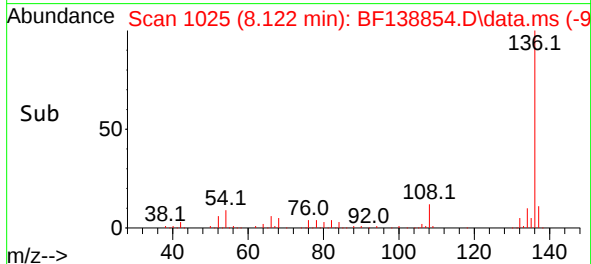
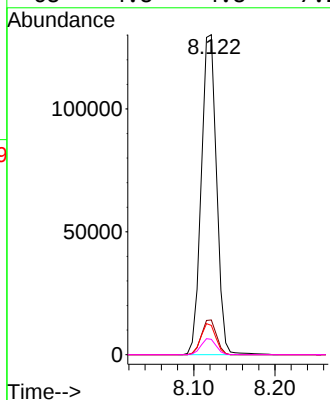


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

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

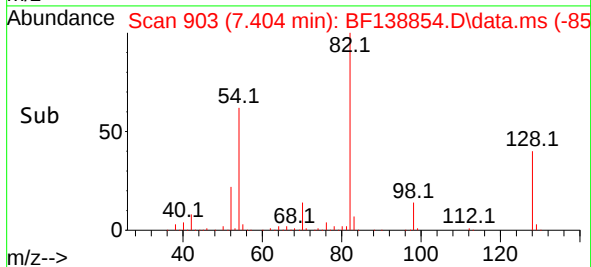
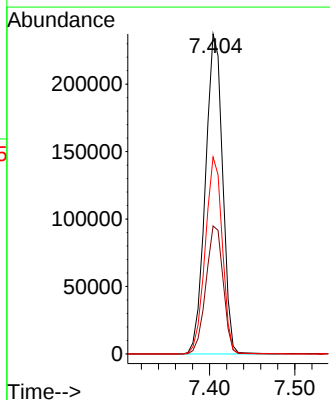
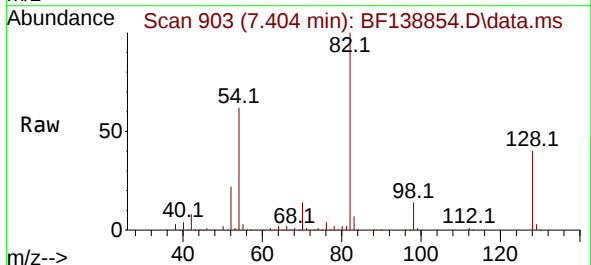


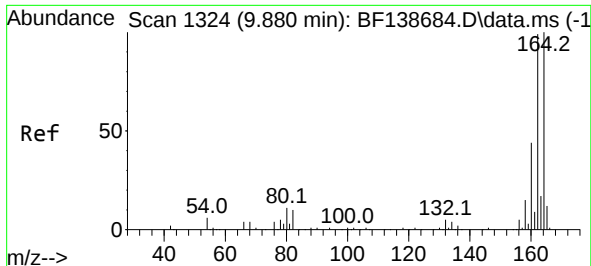
Tgt Ion:	136	Resp:	170222
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.1	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 95.389 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:	82	Resp:	332110
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.8	49.2
54	61.5	48.3	72.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF138854.D

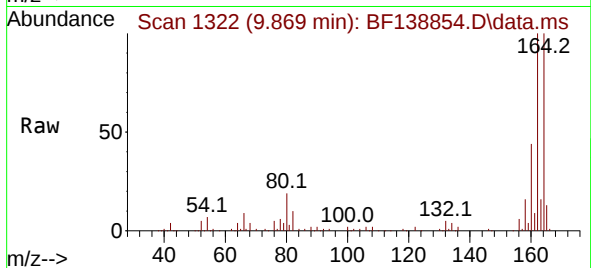
Acq: 07 Aug 2024 21:08

Instrument :

BNA_F

ClientSampleId :

925-K1-WP0-0-0.25-073124



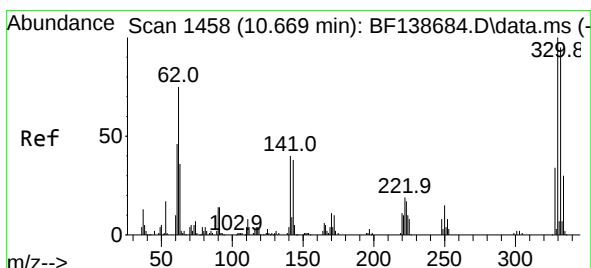
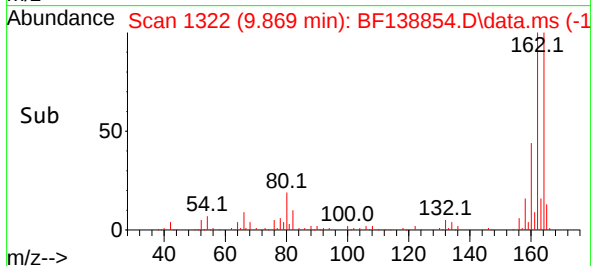
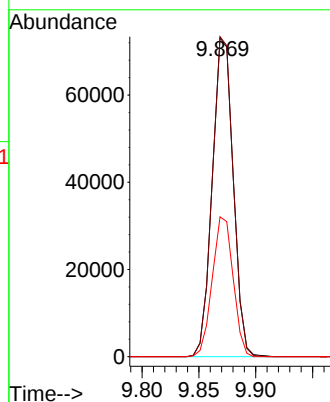
Tgt Ion:164 Resp: 93712

Ion Ratio Lower Upper

164 100

162 100.3 79.4 119.0

160 43.8 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 151.311 ng

RT: 10.668 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138854.D

Acq: 07 Aug 2024 21:08

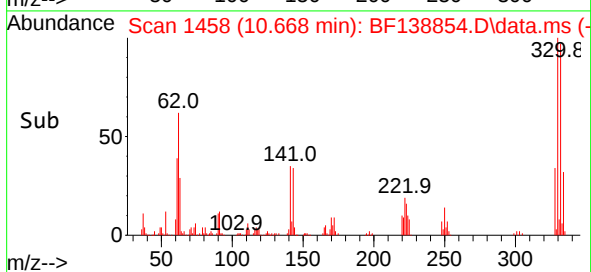
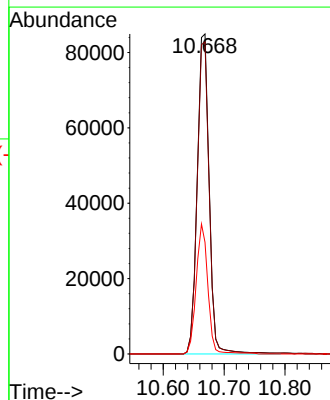
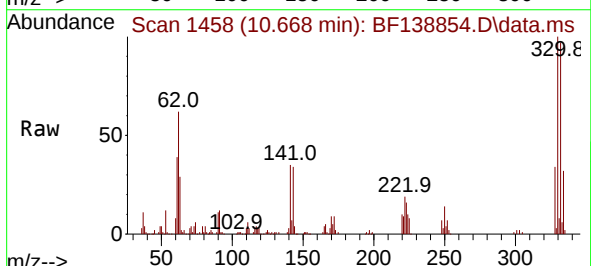
Tgt Ion:330 Resp: 116150

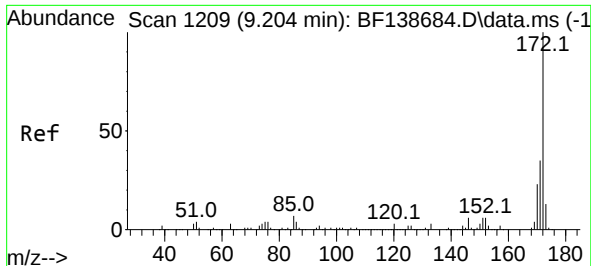
Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 39.5 31.1 46.7

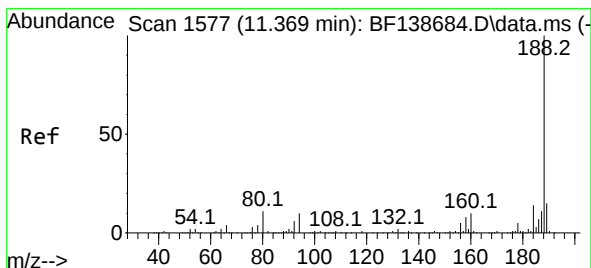
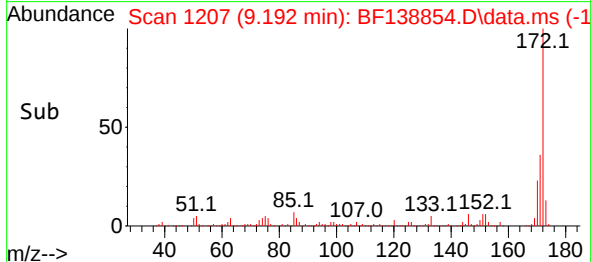
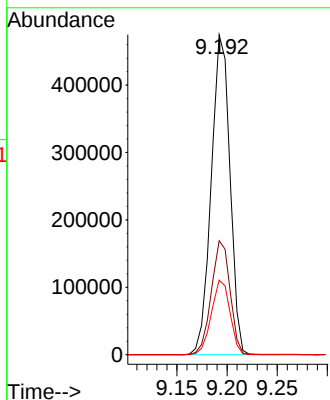
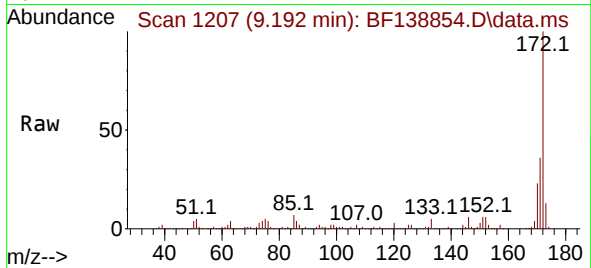




#45
2-Fluorobiphenyl
Concen: 98.524 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

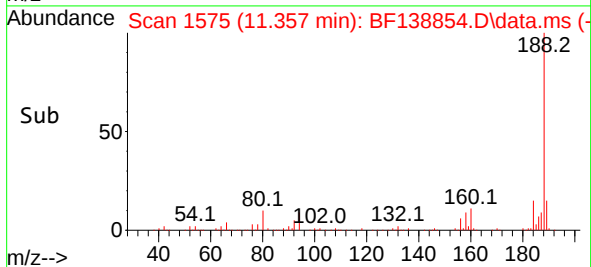
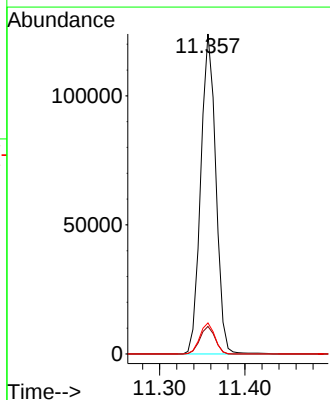
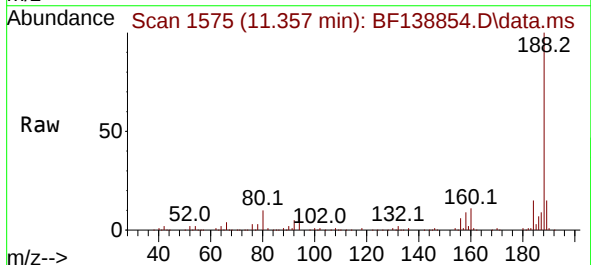
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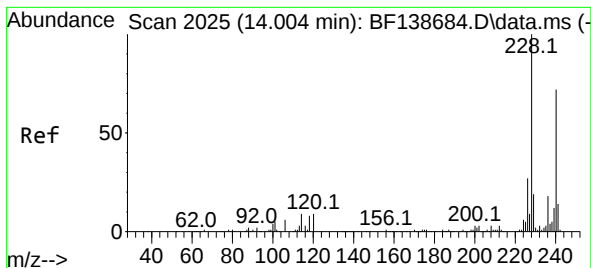
Tgt Ion:172 Resp: 614503
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138854.D
Acq: 07 Aug 2024 21:08

Tgt Ion:188 Resp: 152505
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.7 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138854.D

Acq: 07 Aug 2024 21:08

Instrument :

BNA_F

ClientSampleId :

925-K1-WP0-0-0.25-073124

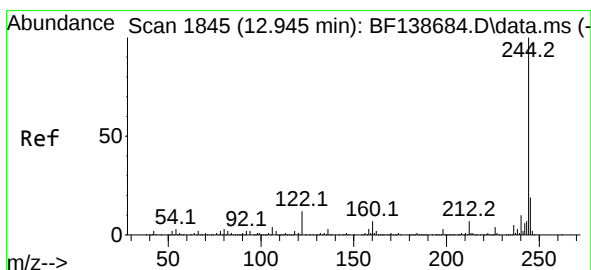
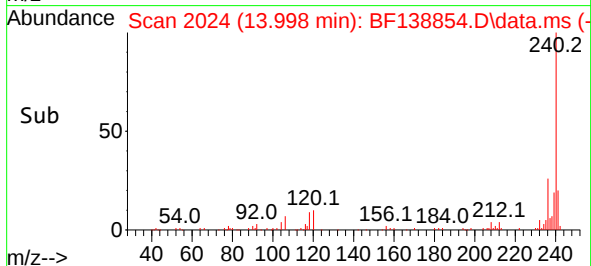
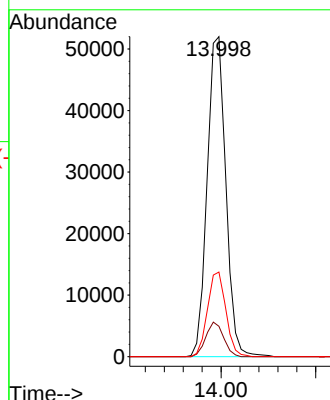
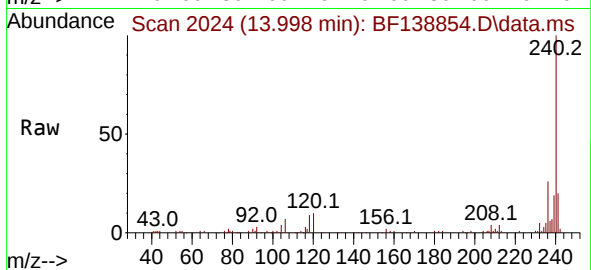
Tgt Ion:240 Resp: 71246

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 26.4 19.8 29.8



#79

Terphenyl-d14

Concen: 106.478 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138854.D

Acq: 07 Aug 2024 21:08

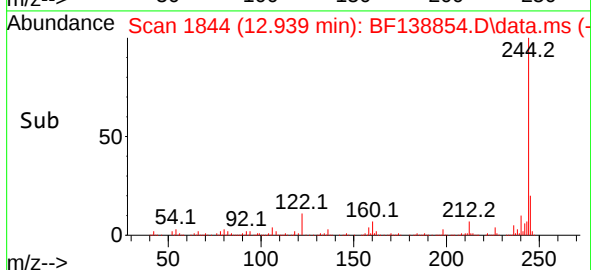
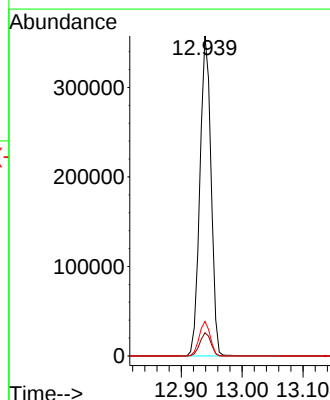
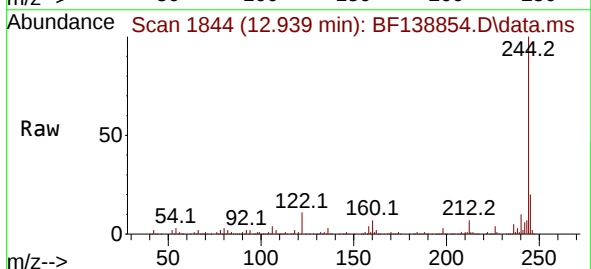
Tgt Ion:244 Resp: 453101

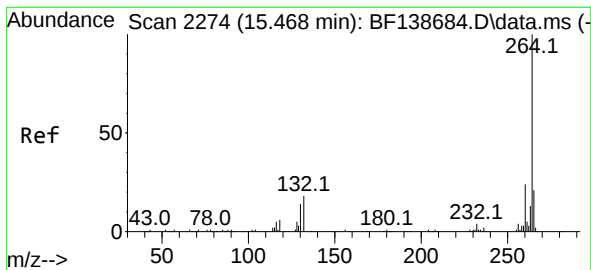
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

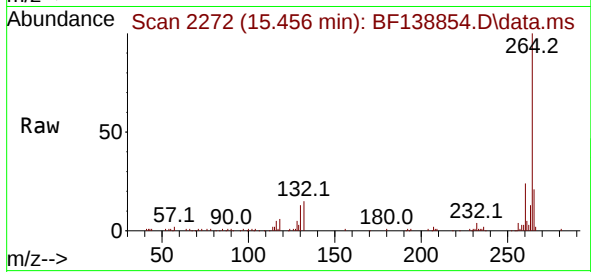
122 10.8 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138854.D
 Acq: 07 Aug 2024 21:08

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



Tgt Ion:264	Resp:	77648
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.0 28.6
265	21.2	17.0 25.6

