

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138931.D
 Acq On : 12 Aug 2024 13:43
 Operator : RC/JU
 Sample : P3520-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-09-080624

Quant Time: Aug 12 14:13:31 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

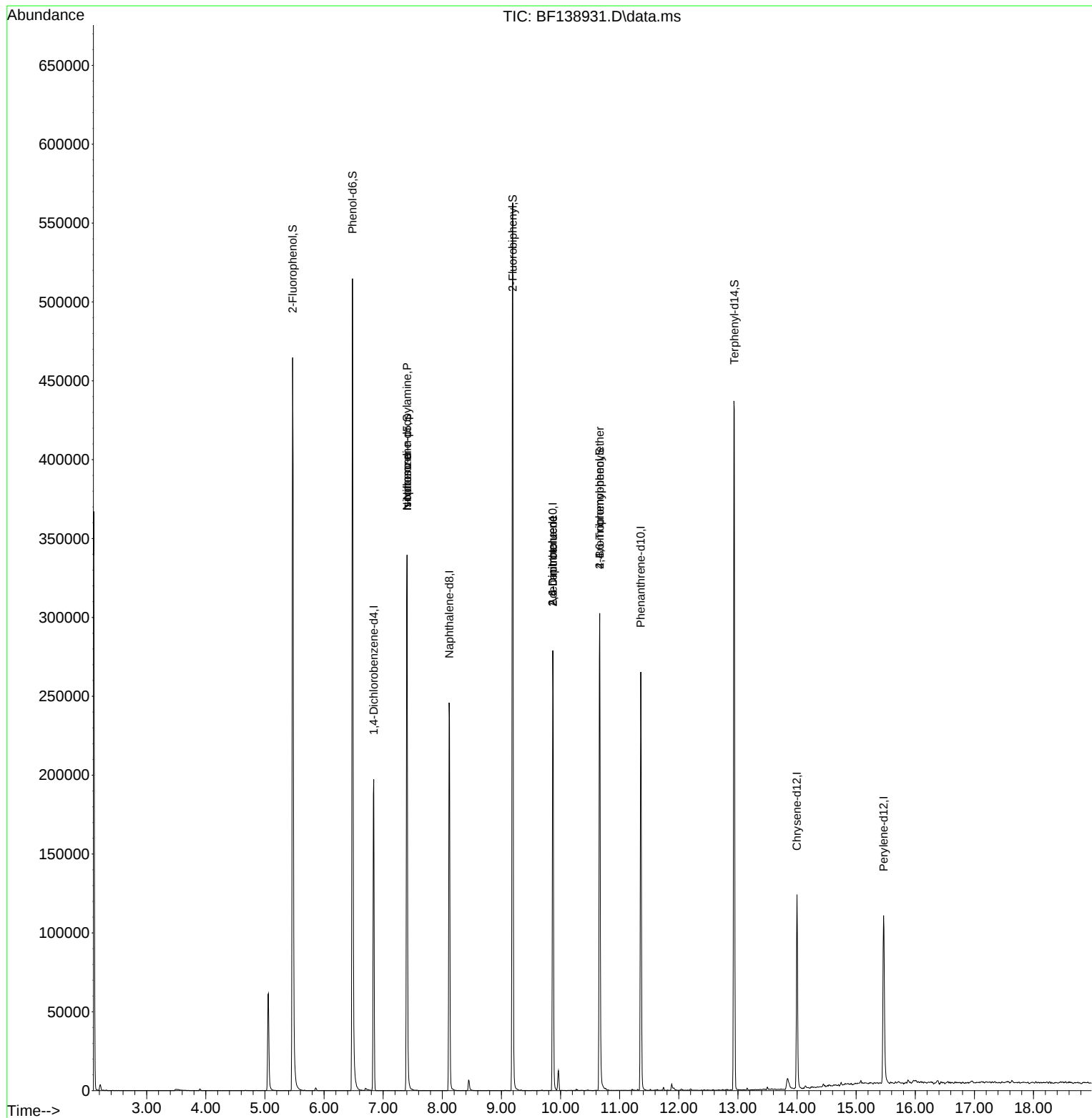
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37641	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	154143	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	82111	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	137703	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61875	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	73308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	164677	67.534	ng	0.00
7) Phenol-d6	6.481	99	224596	68.603	ng	0.00
23) Nitrobenzene-d5	7.404	82	144382	45.795	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	44414	66.033	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	242656	44.402	ng	-0.01
79) Terphenyl-d14	12.939	244	209943	56.808	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	19690	9.958	ng	# 78
25) Isophorone	7.404	82	144381	26.819	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10366	8.748	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	10366	6.857	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	3203	2.148	ng	# 1

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

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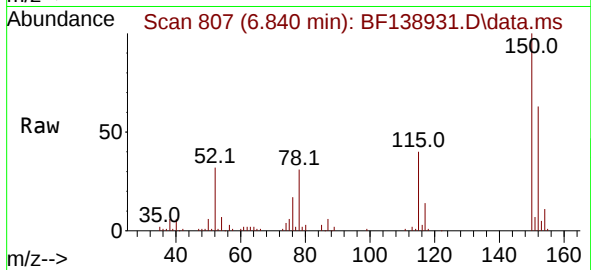
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



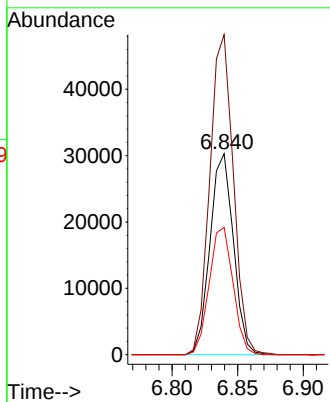
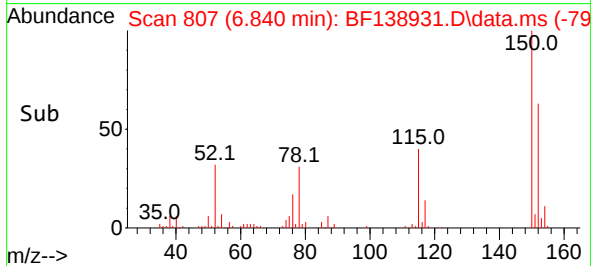


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

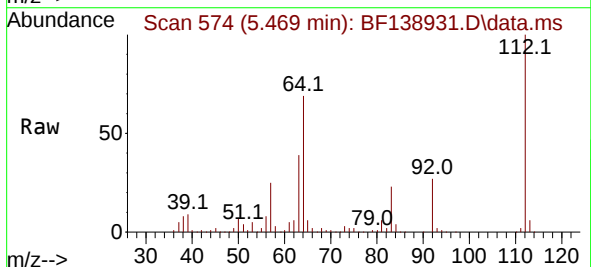
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624



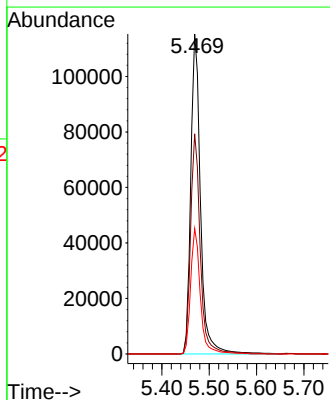
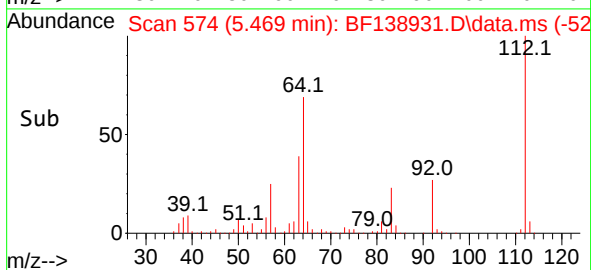
Tgt Ion:152 Resp: 37641
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 63.3 51.7 77.5



#5
2-Fluorophenol
Concen: 67.534 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43



Tgt Ion:112 Resp: 164677
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 39.2 28.7 43.1

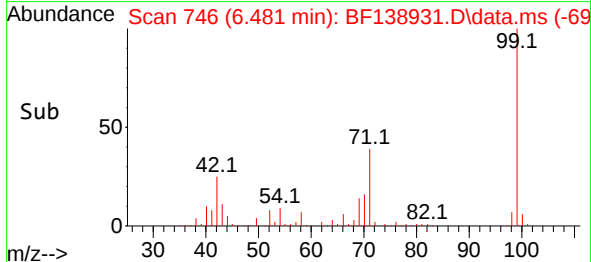
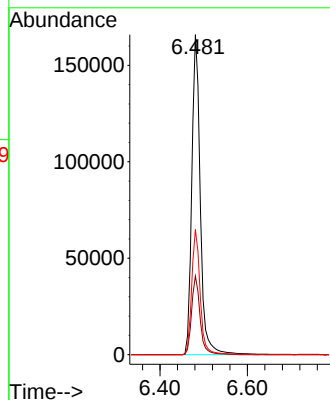
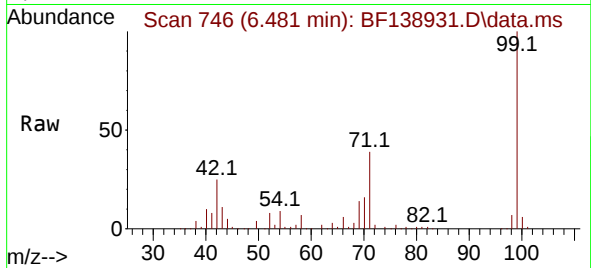




#7
Phenol-d6
Concen: 68.603 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

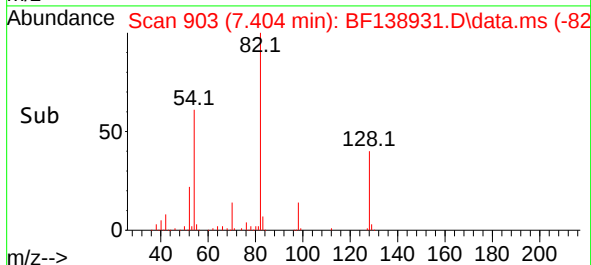
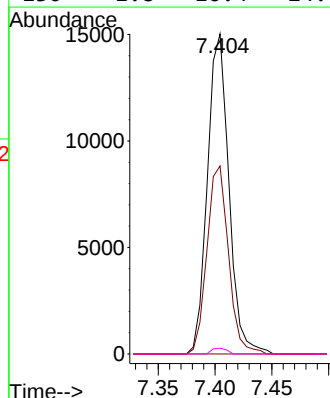
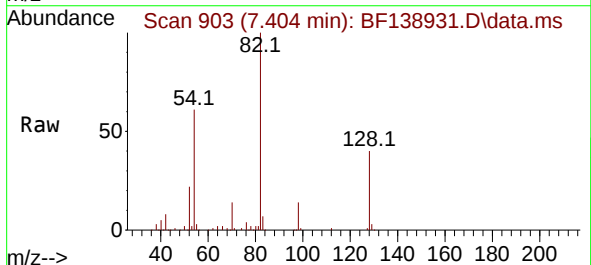
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624

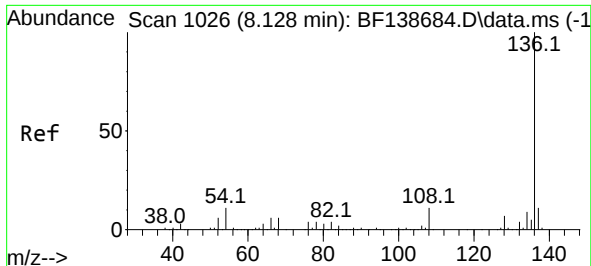
Tgt Ion: 99 Resp: 224596
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.958 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Tgt Ion: 70 Resp: 19690
Ion Ratio Lower Upper
70 100
42 58.7 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

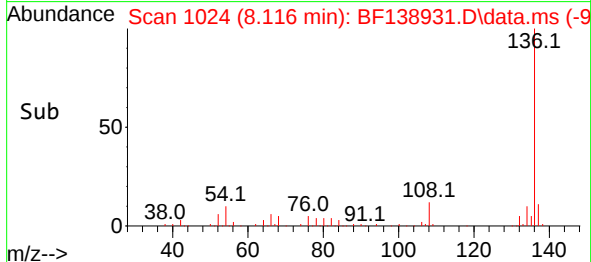
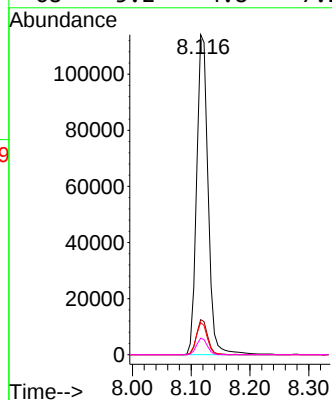
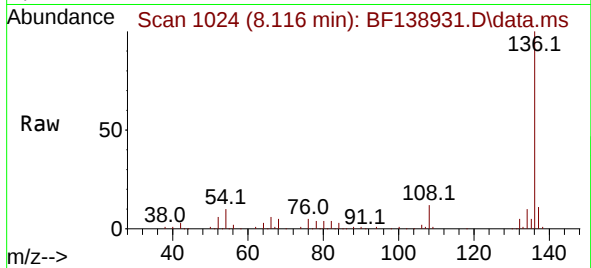




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

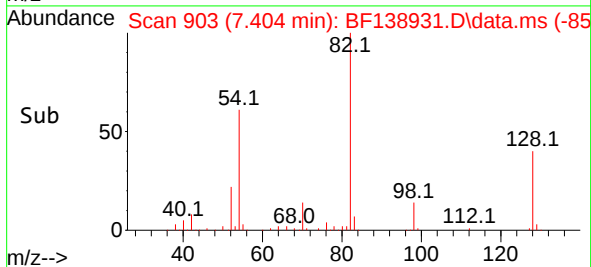
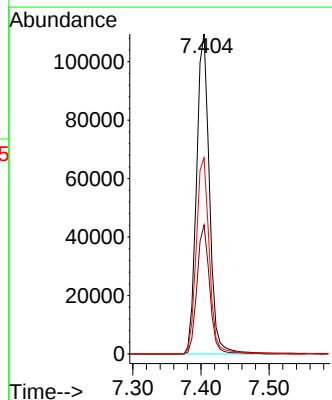
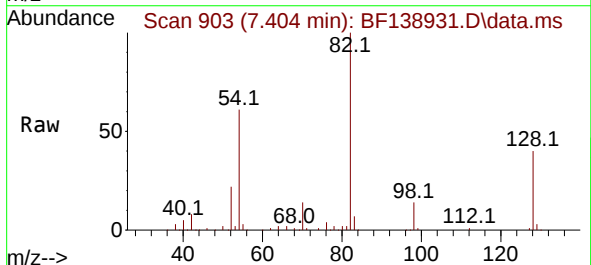
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624

Tgt Ion:136	Resp: 154143
Ion Ratio	Lower Upper
136	100
137	11.0 8.9 13.3
54	10.1 8.6 12.8
68	5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 45.795 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Tgt Ion: 82	Resp: 144382
Ion Ratio	Lower Upper
82	100
128	40.3 32.8 49.2
54	61.3 48.3 72.5

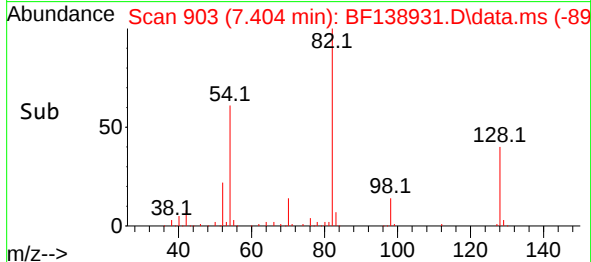
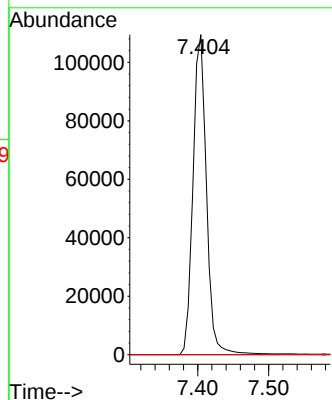
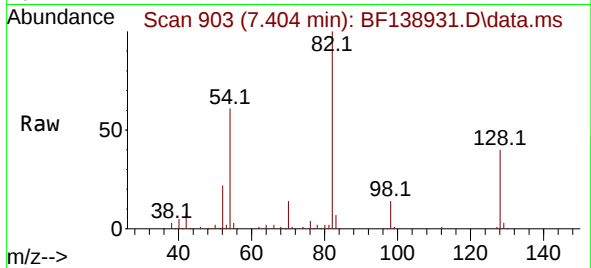




#25
Isophorone
Concen: 26.819 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

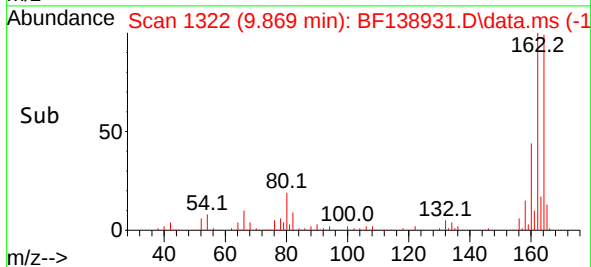
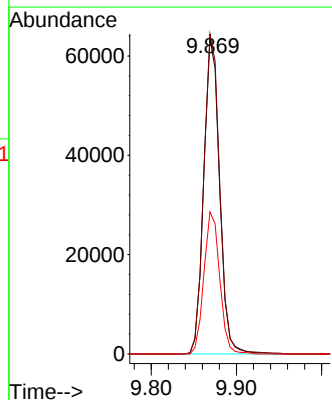
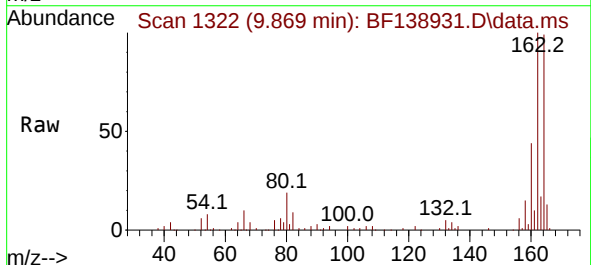
Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624

Tgt Ion: 82 Resp: 144381
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

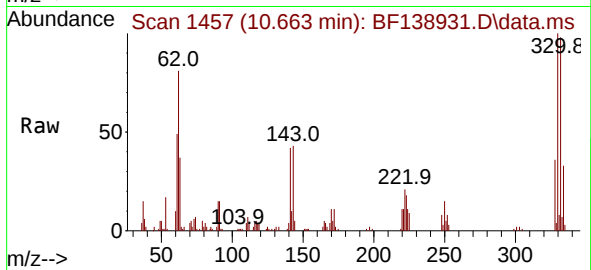
Tgt Ion: 164 Resp: 82111
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 45.0 35.1 52.7



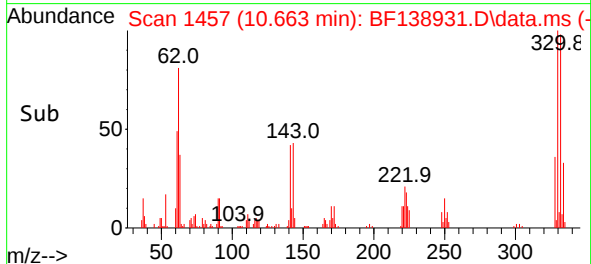
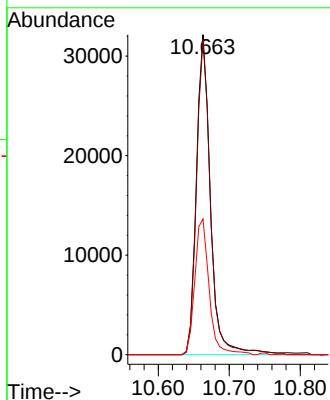


#42
2,4,6-Tribromophenol
Concen: 66.033 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Instrument :
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ClientSampleId :
OU4-CF-09-080624

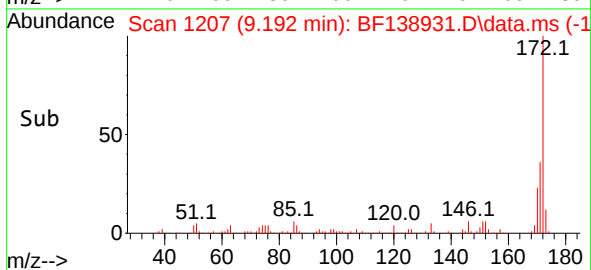
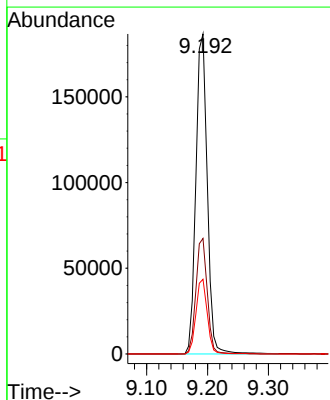
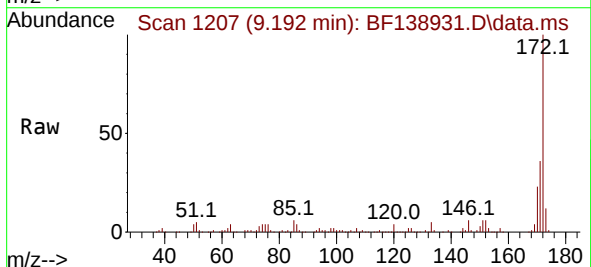


Tgt Ion: 330 Resp: 44414
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 43.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 44.402 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Tgt Ion: 172 Resp: 242656
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.4 18.8 28.2

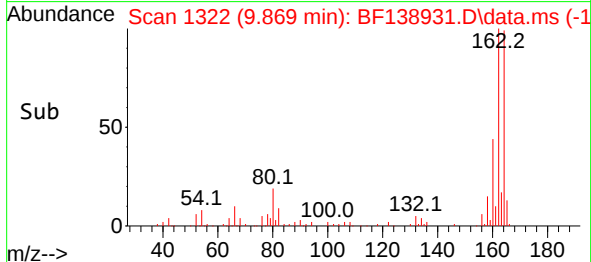
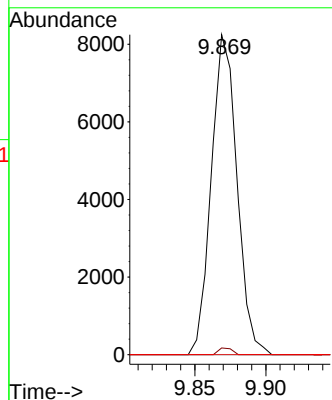
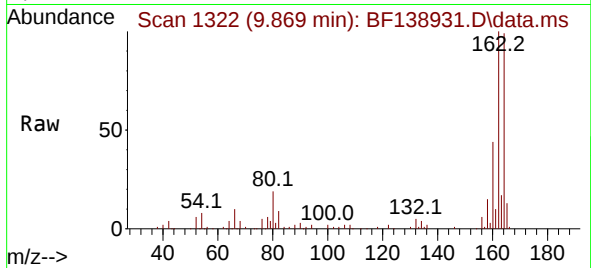




#51
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

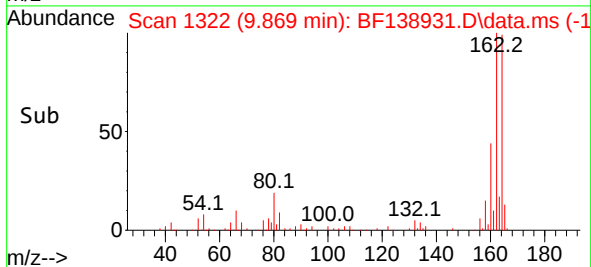
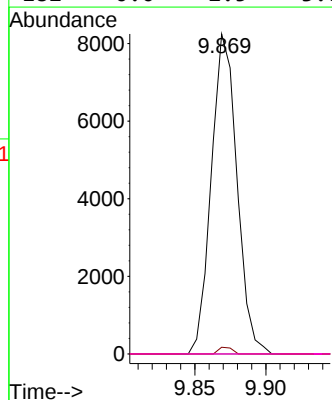
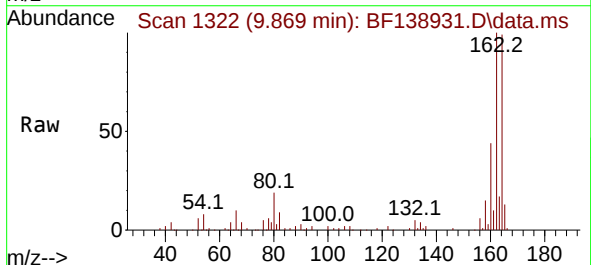
Instrument :
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OU4-CF-09-080624

Tgt Ion:165 Resp: 10366
Ion Ratio Lower Upper
165 100
63 2.1 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.857 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Tgt Ion:165 Resp: 10366
Ion Ratio Lower Upper
165 100
63 2.1 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138931.D

Acq: 12 Aug 2024 13:43

Instrument :

BNA_F

ClientSampleId :

OU4-CF-09-080624

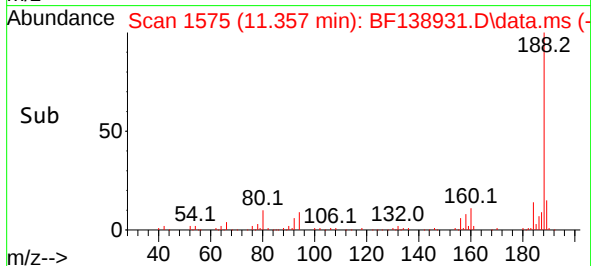
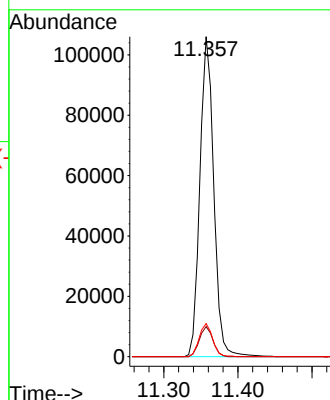
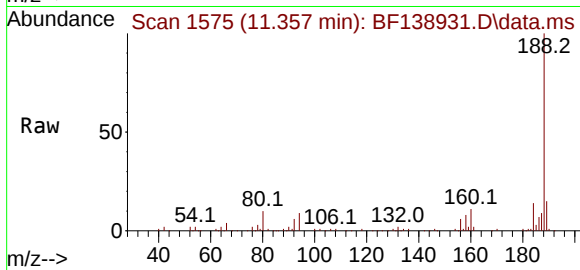
Tgt Ion:188 Resp: 137703

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.148 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138931.D

Acq: 12 Aug 2024 13:43

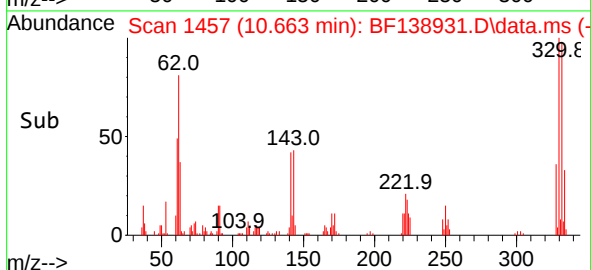
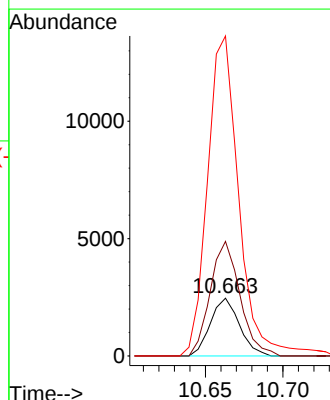
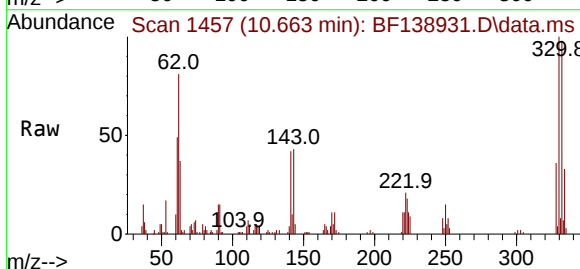
Tgt Ion:248 Resp: 3203

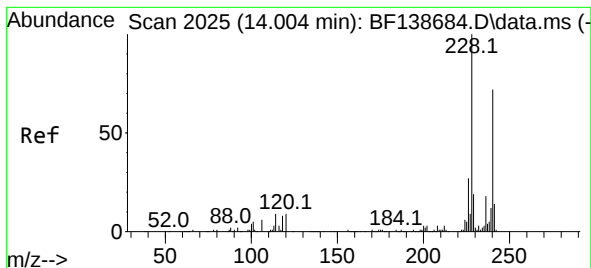
Ion Ratio Lower Upper

248 100

250 198.5 77.7 116.5#

141 554.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138931.D

Acq: 12 Aug 2024 13:43

Instrument :

BNA_F

ClientSampleId :

OU4-CF-09-080624

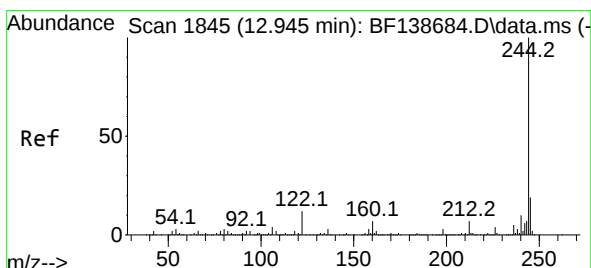
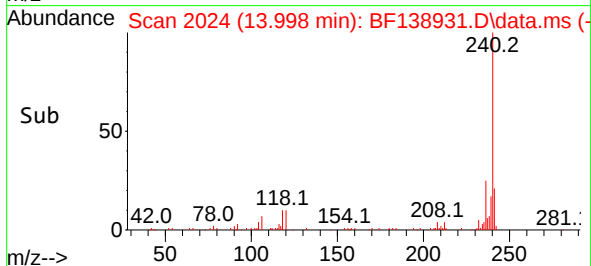
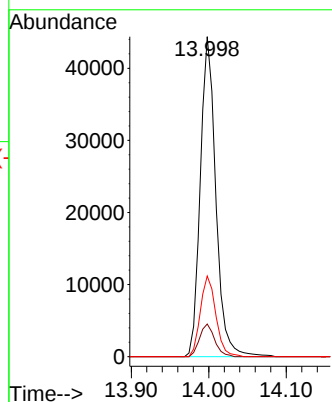
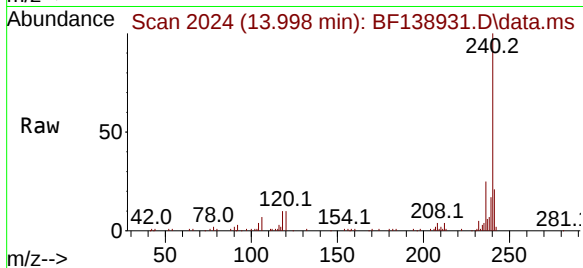
Tgt Ion:240 Resp: 61875

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 25.2 19.8 29.8



#79

Terphenyl-d14

Concen: 56.808 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138931.D

Acq: 12 Aug 2024 13:43

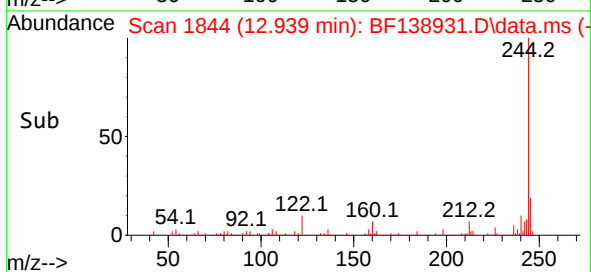
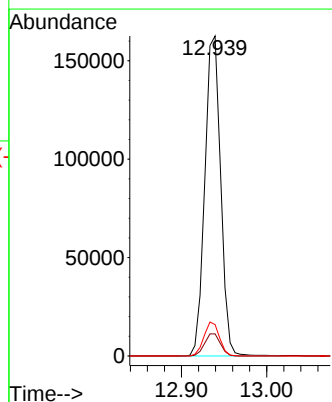
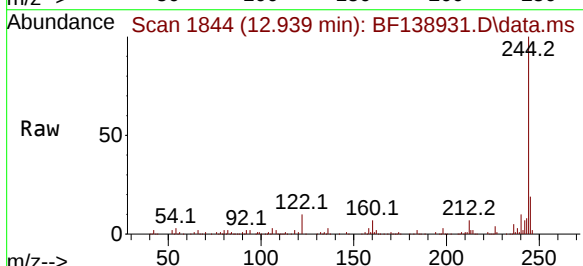
Tgt Ion:244 Resp: 209943

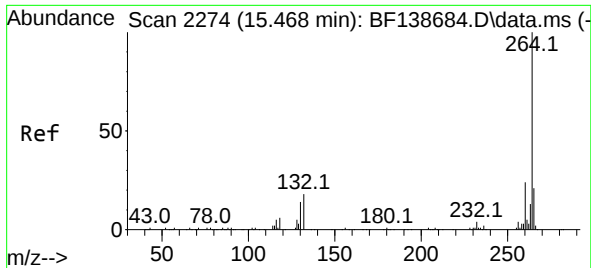
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

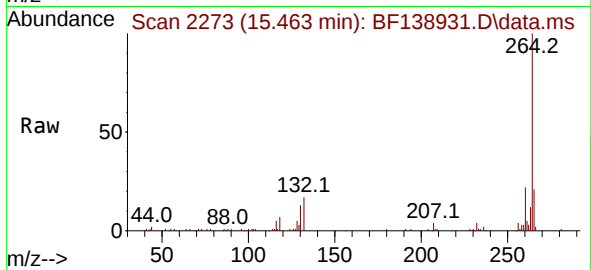
122 9.8 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138931.D
Acq: 12 Aug 2024 13:43

Instrument :
BNA_F
ClientSampleId :
OU4-CF-09-080624



Tgt Ion:264	Resp:	73308
Ion	Ratio	Lower Upper
264	100	
260	22.4	19.0 28.6
265	21.0	17.0 25.6

