

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138727.D
 Acq On : 01 Aug 2024 16:29
 Operator : RC/JU
 Sample : P3379-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-04-072324

Quant Time: Aug 01 17:01:14 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)

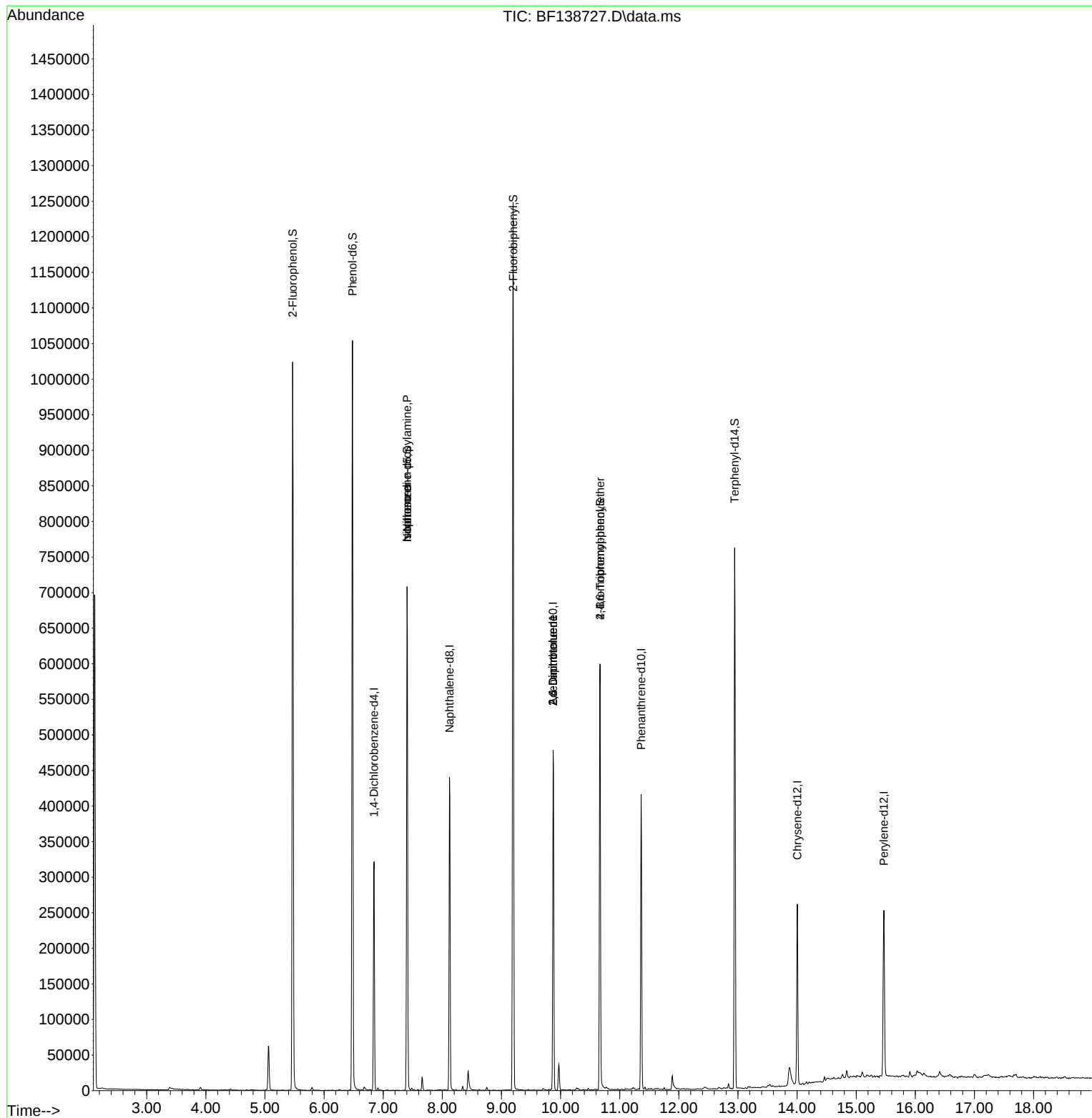
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	63866	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	264178	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	139546	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	205520	20.000	ng	0.00
76) Chrysene-d12	14.004	240	112067	20.000	ng	0.00
86) Perylene-d12	15.468	264	131315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	340651	82.336	ng	0.00
7) Phenol-d6	6.481	99	457335	82.332	ng	0.00
23) Nitrobenzene-d5	7.404	82	298564	55.255	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	88276	77.227	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	512327	55.162	ng	0.00
79) Terphenyl-d14	12.945	244	351651	52.536	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	40518	12.077	ng	# 75
25) Isophorone	7.404	82	297589	32.254	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	17871	8.875	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	17871	6.956	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	6667	2.996	ng	# 1

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

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Data File : BF138727.D
Acq On : 01 Aug 2024 16:29
Operator : RC/JU
Sample : P3379-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

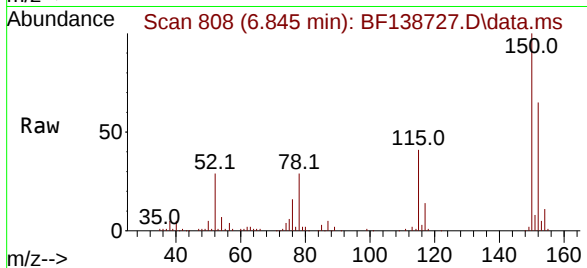
Quant Time: Aug 01 17:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



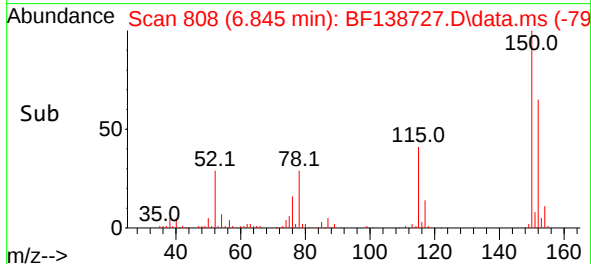
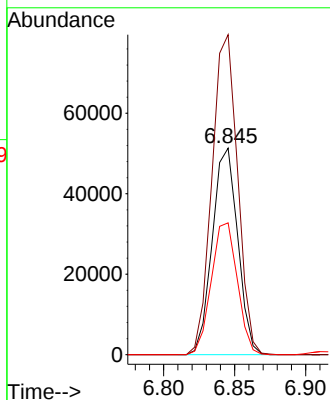


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

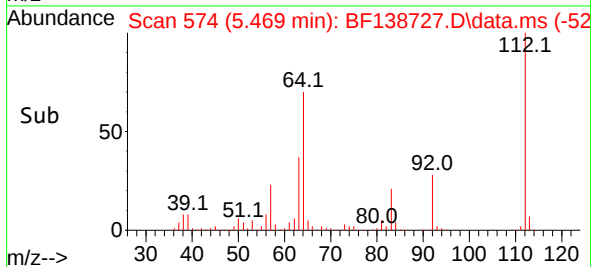
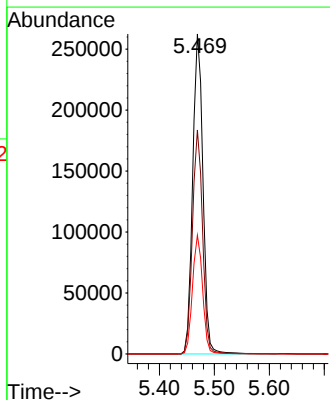
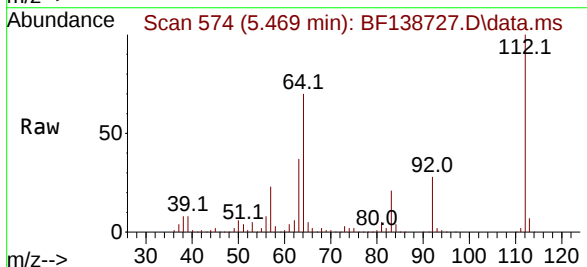


Tgt Ion:152 Resp: 63866
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 63.8 51.7 77.5



#5
2-Fluorophenol
Concen: 82.336 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Tgt Ion:112 Resp: 340651
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 37.1 28.7 43.1

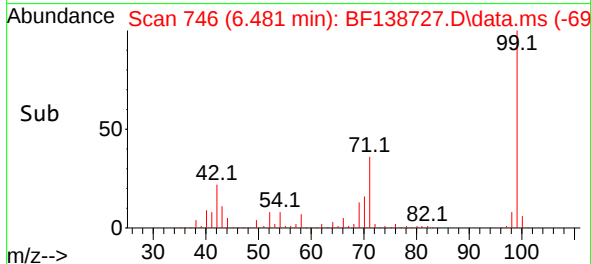
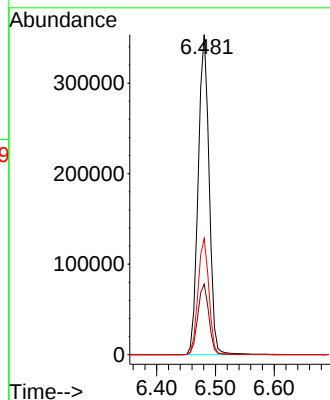
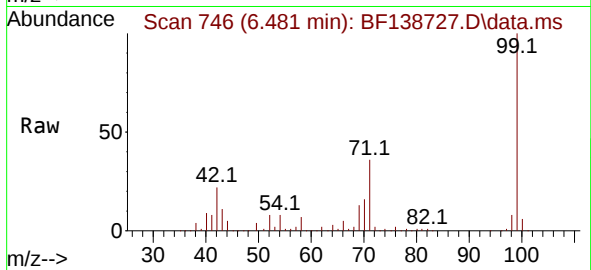




#7
Phenol-d6
Concen: 82.332 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

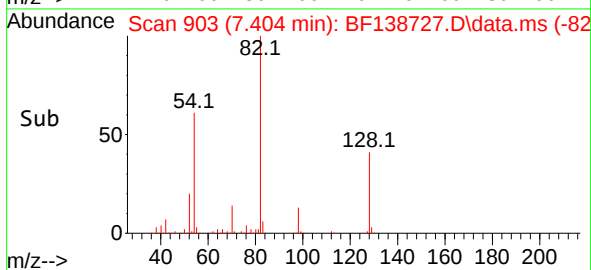
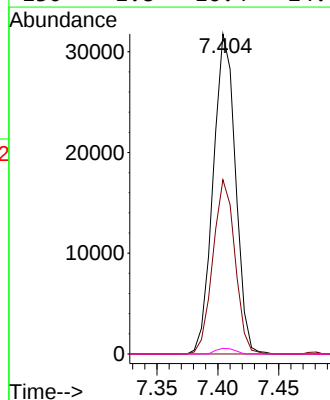
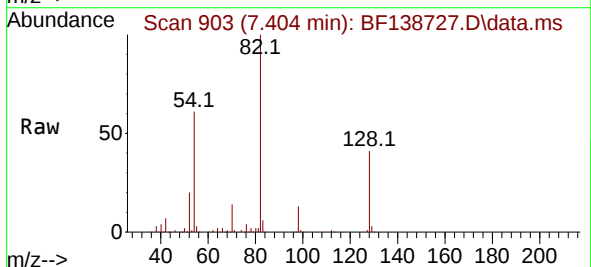
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

Tgt Ion: 99 Resp: 457335
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 36.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.077 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

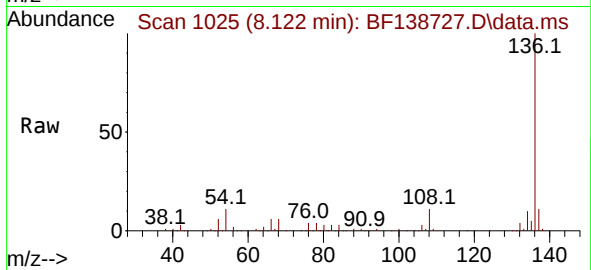
Tgt Ion: 70 Resp: 40518
Ion Ratio Lower Upper
70 100
42 54.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



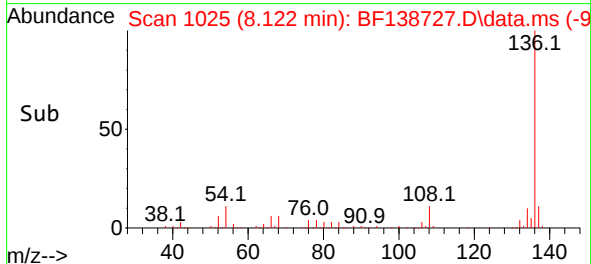
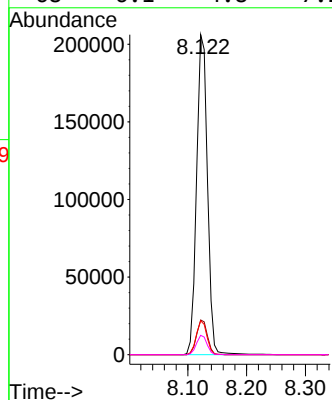


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

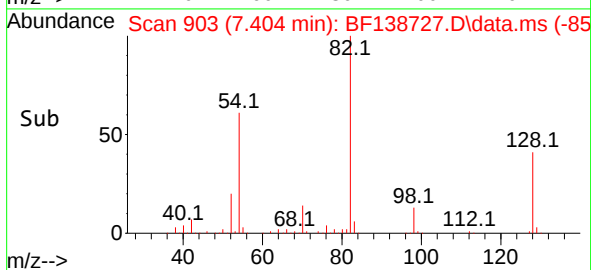
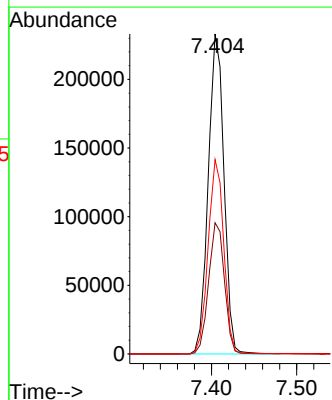
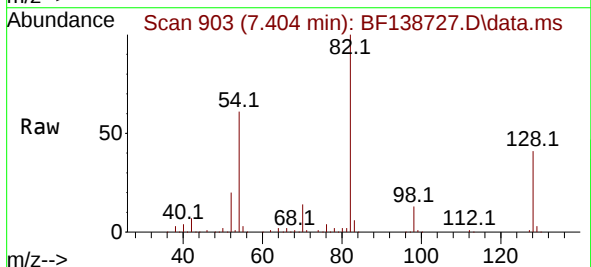


Tgt Ion:136 Resp: 264178
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 8.6 12.8
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 55.255 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Tgt Ion: 82 Resp: 298564
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 60.7 48.3 72.5

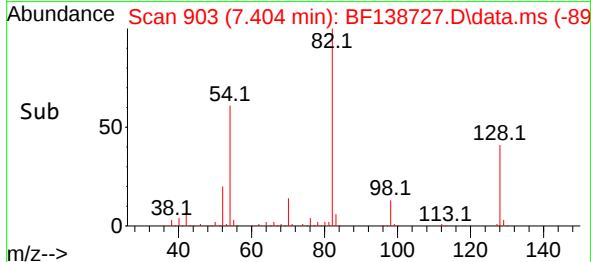
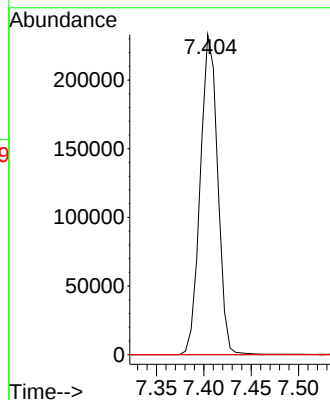
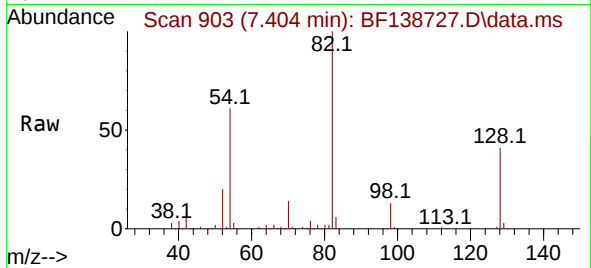




#25
Isophorone
Concen: 32.254 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

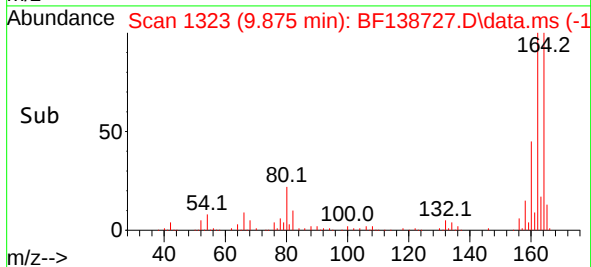
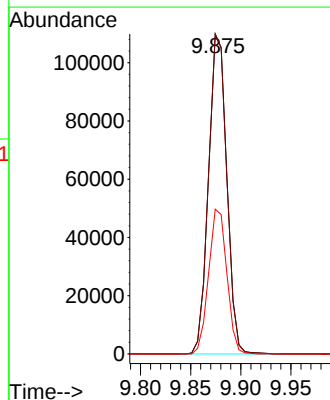
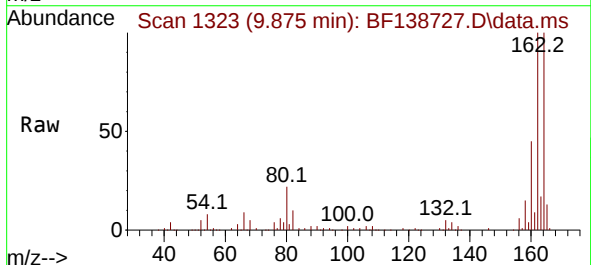
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

Tgt Ion: 82 Resp: 297589
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: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

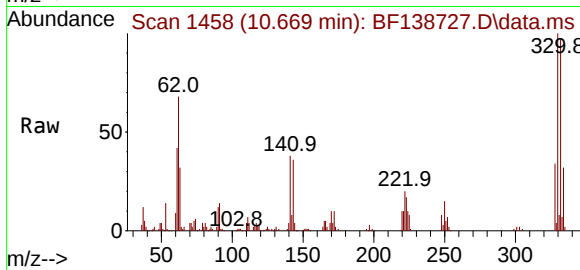
Tgt Ion:164 Resp: 139546
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 45.3 35.1 52.7



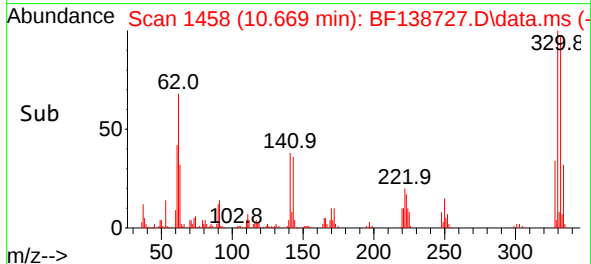
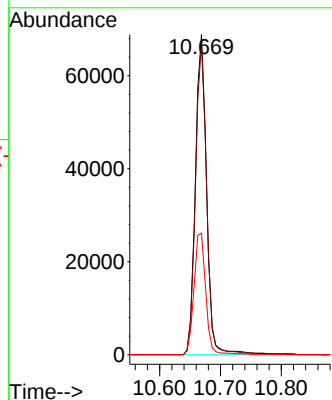


#42
 2,4,6-Tribromophenol
 Concen: 77.227 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: BF138727.D
 Acq: 01 Aug 2024 16:29

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-04-072324

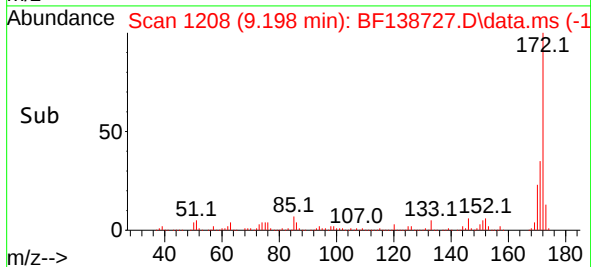
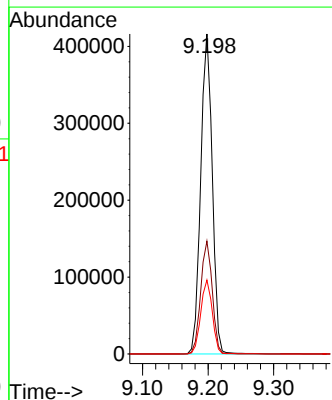
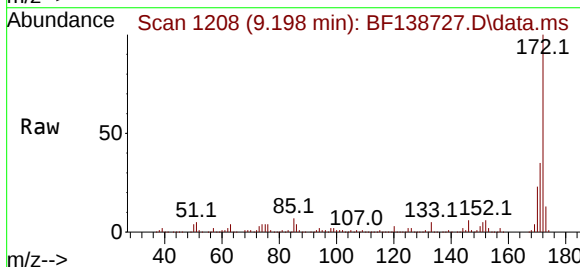


Tgt Ion: 330 Resp: 88276
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.4 114.6
 141 39.7 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 55.162 ng
 RT: 9.198 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BF138727.D
 Acq: 01 Aug 2024 16:29

Tgt Ion: 172 Resp: 512327
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.1 18.8 28.2

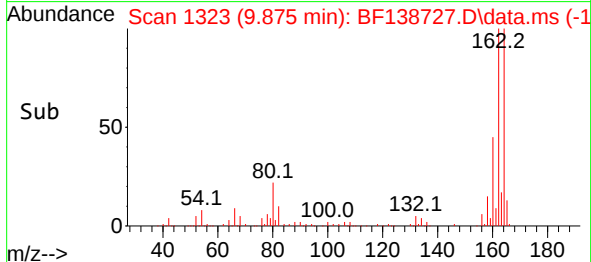
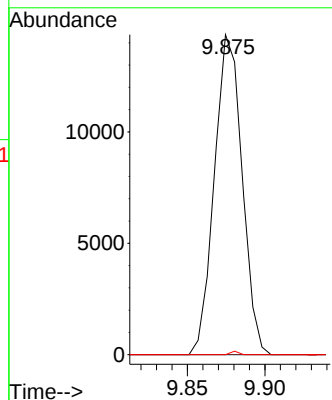
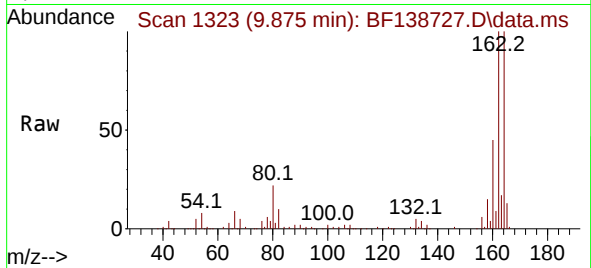




#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

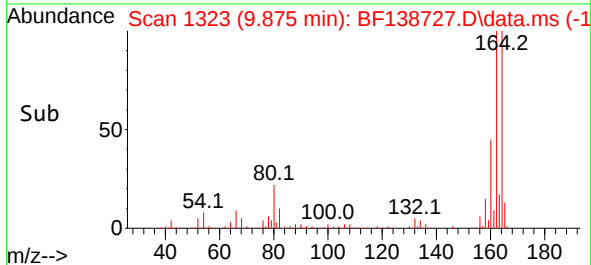
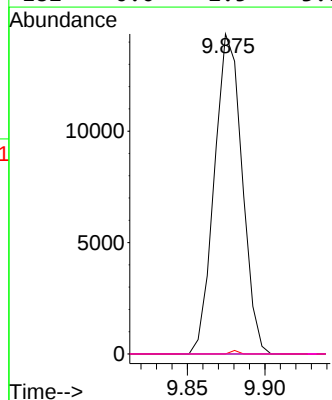
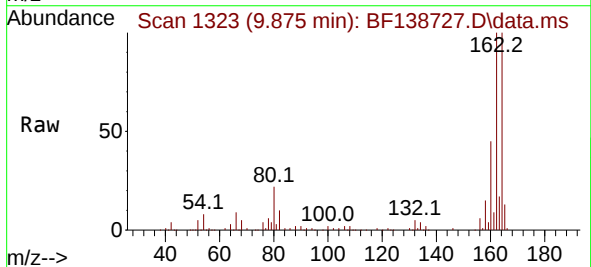
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

Tgt Ion:165 Resp: 17871
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.956 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Tgt Ion:165 Resp: 17871
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

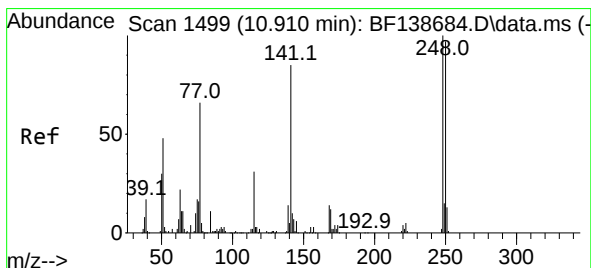
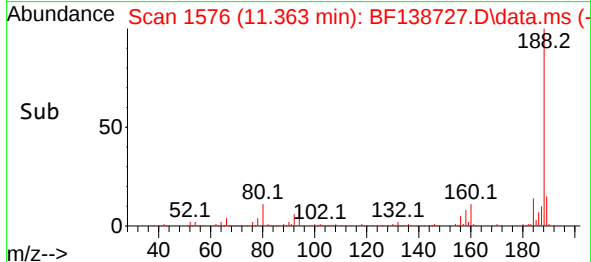
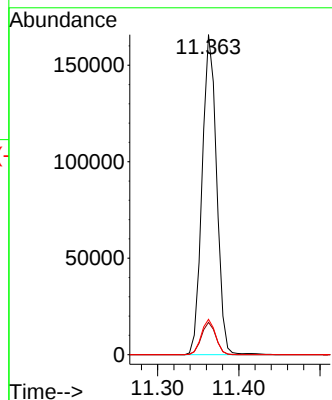
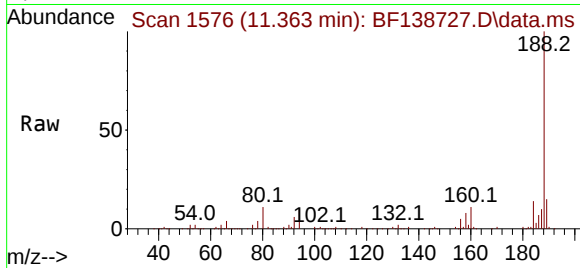




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

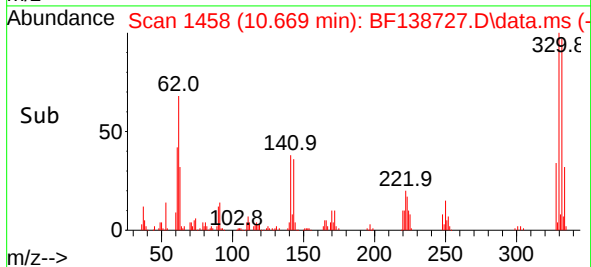
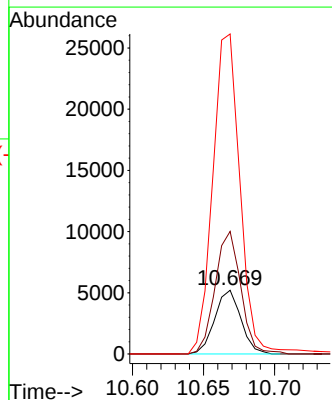
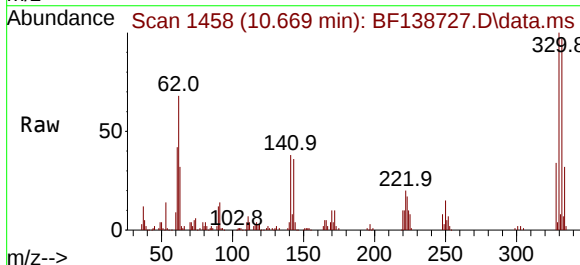
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ClientSampleId :
OU4-VSL-04-072324

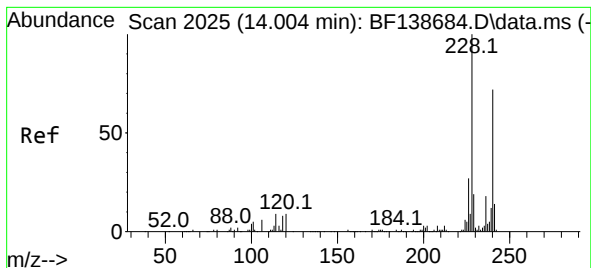
Tgt Ion:188 Resp: 205520
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.1 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.996 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Tgt Ion:248 Resp: 6667
Ion Ratio Lower Upper
248 100
250 192.5 77.7 116.5#
141 502.5 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138727.D

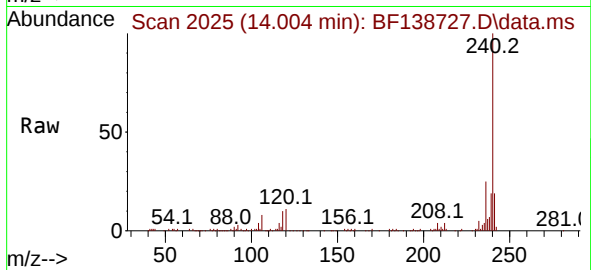
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Instrument :

BNA_F

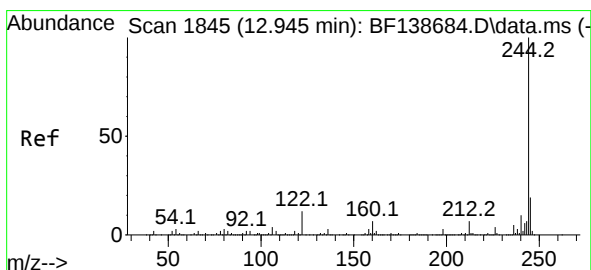
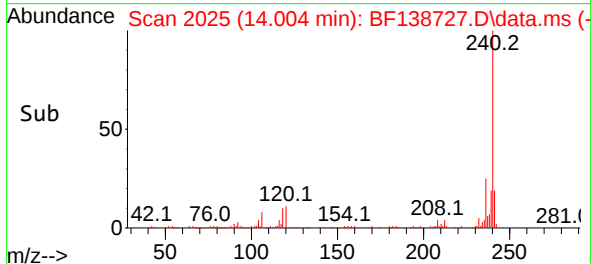
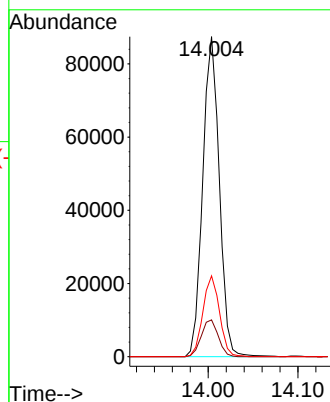
ClientSampleId :

OU4-VSL-04-072324



Tgt Ion:240 Resp: 112067

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.2	15.4
236	25.3	19.8	29.8



#79

Terphenyl-d14

Concen: 52.536 ng

RT: 12.945 min Scan# 1845

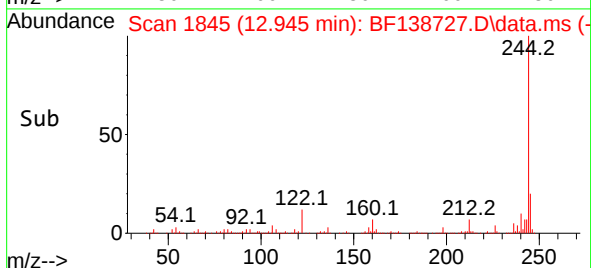
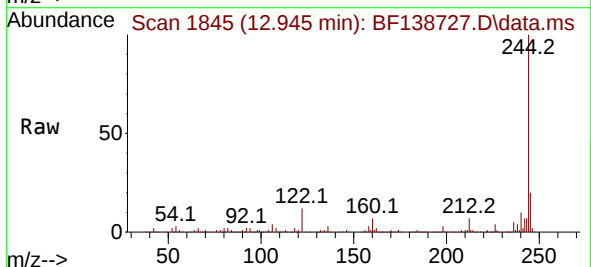
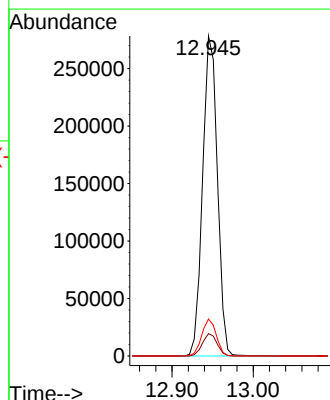
Delta R.T. -0.000 min

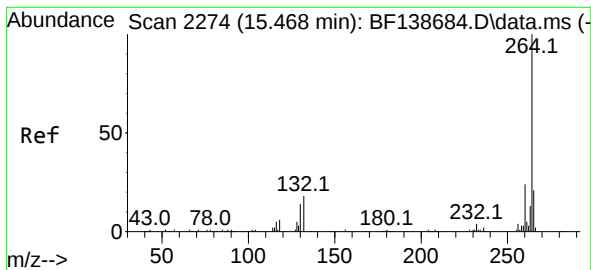
Lab File: BF138727.D

Acq: 01 Aug 2024 16:29

Tgt Ion:244 Resp: 351651

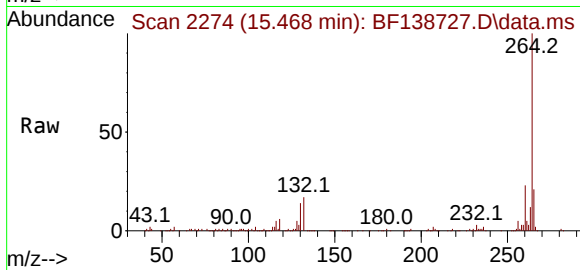
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.6	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324



Tgt Ion:264 Resp: 131315
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 20.9 17.0 25.6

