

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141338.D
 Acq On : 31 Jan 2025 18:18
 Operator : RC/JU
 Sample : Q1218-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002

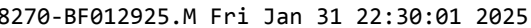
Quant Time: Jan 31 22:29:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	137442	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	470760	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	253177	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	387939	20.000	ng	0.00
76) Chrysene-d12	13.963	240	301332	20.000	ng	-0.01
86) Perylene-d12	15.427	264	312799	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1040103	116.178	ng	0.01
7) Phenol-d6	6.428	99	1232359	108.206	ng	-0.01
23) Nitrobenzene-d5	7.363	82	800105	89.597	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	277480	119.549	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1376481	83.683	ng	0.00
79) Terphenyl-d14	12.910	244	1297950	66.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	571477	145.143	ng	# 56
19) n-Nitroso-di-n-propyla...	7.363	70	106931	15.801	ng	# 75
25) Isophorone	7.363	82	792814	51.360	ng	# 65
50) Dimethylphthalate	9.728	163	313354	18.325	ng	# 95
67) 4-Bromophenyl-phenylether	10.627	248	18884	4.348	ng	# 1

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

Quant Time: Jan 31 22:29:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
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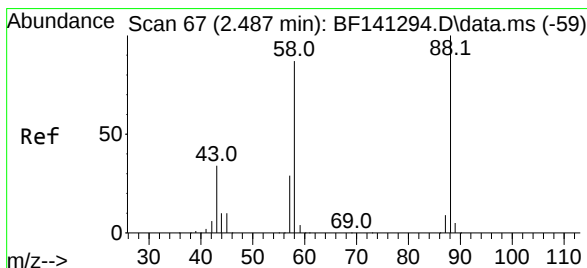
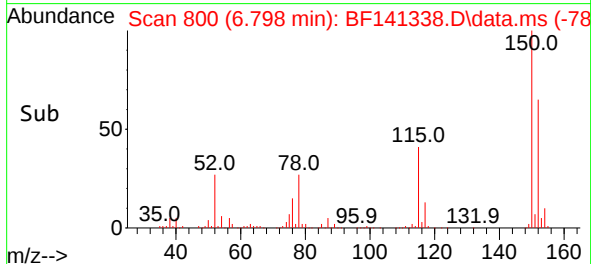
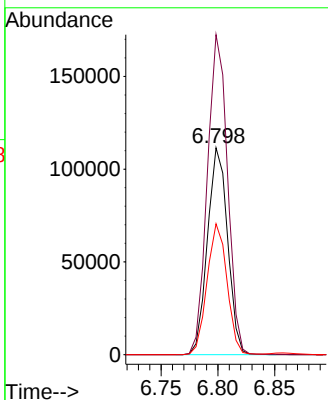
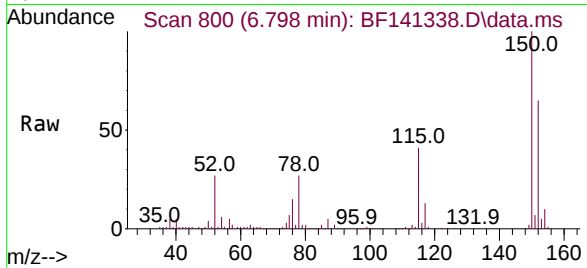




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141338.D
 Acq: 31 Jan 2025 18:18

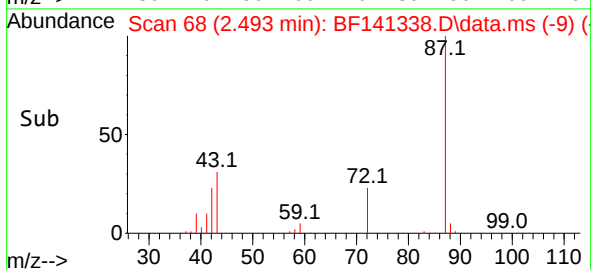
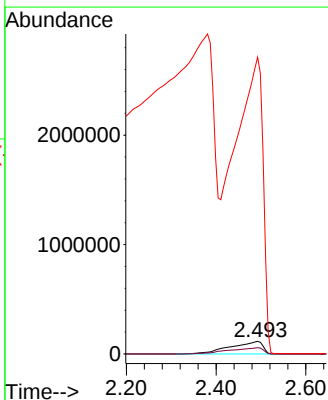
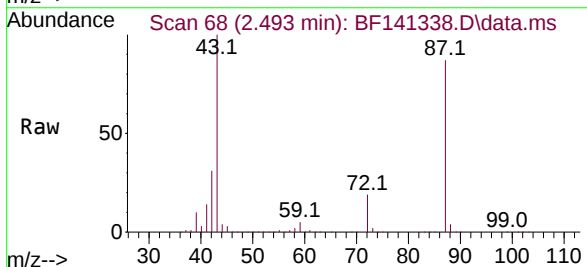
Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002

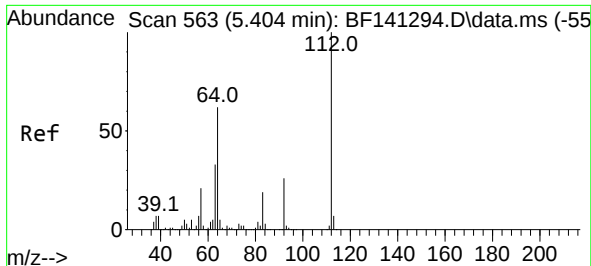
Tgt Ion:152 Resp: 137442
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.9 188.9
 115 63.3 49.7 74.5



#2
 1,4-Dioxane
 Concen: 145.143 ng
 RT: 2.493 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BF141338.D
 Acq: 31 Jan 2025 18:18

Tgt Ion: 88 Resp: 571477
 Ion Ratio Lower Upper
 88 100
 58 52.7 70.2 105.4#
 43 0.0 27.6 41.4#

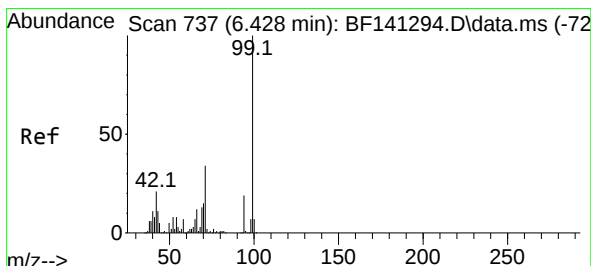
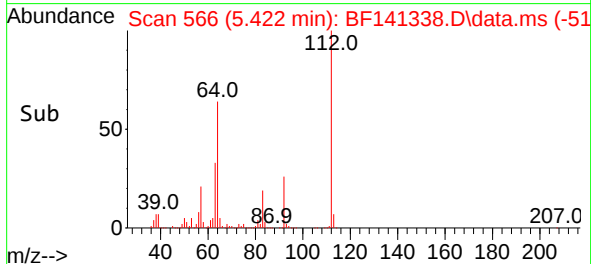
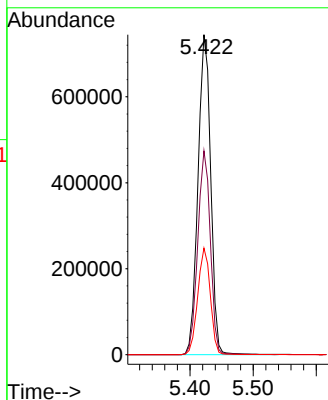
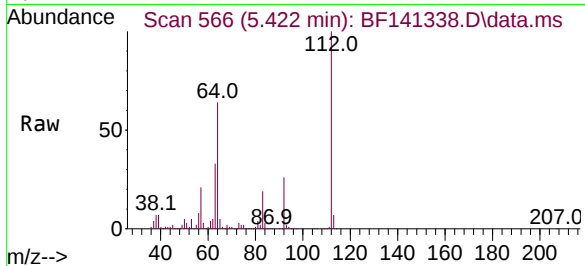




#5
2-Fluorophenol
Concen: 116.178 ng
RT: 5.422 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

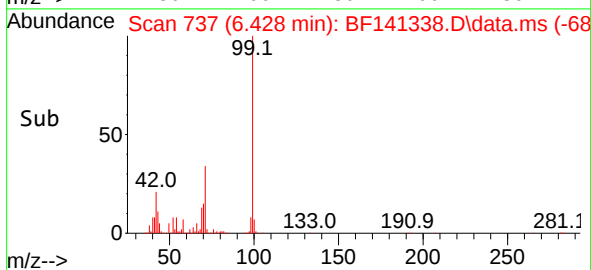
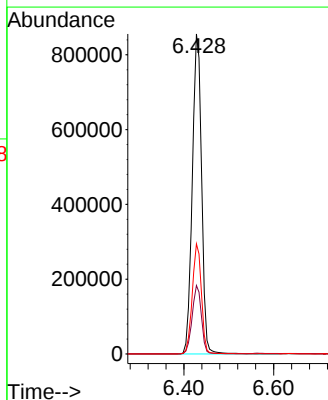
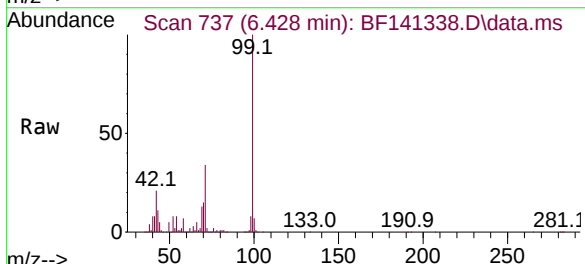
Instrument :
BNA_F
ClientSampleId :
BELL-25-002

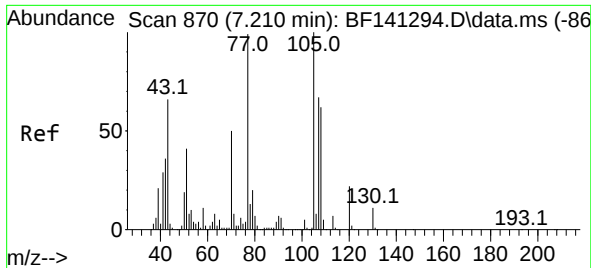
Tgt Ion:112 Resp: 1040103
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.8
63 33.3 26.1 39.1



#7
Phenol-d6
Concen: 108.206 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Tgt Ion: 99 Resp: 1232359
Ion Ratio Lower Upper
99 100
42 21.4 17.1 25.7
71 34.4 26.9 40.3

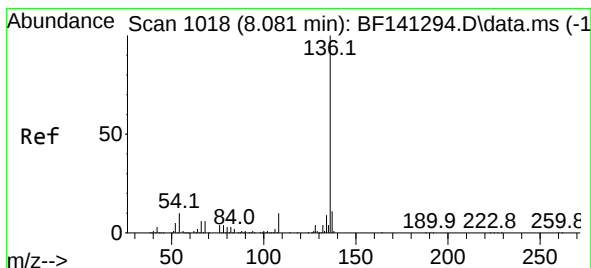
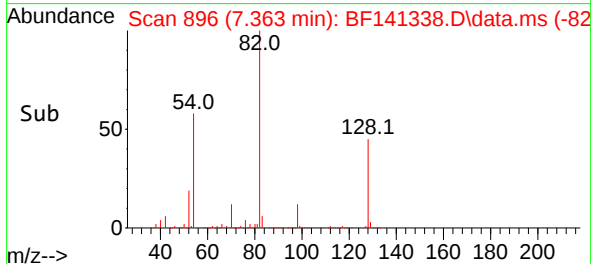
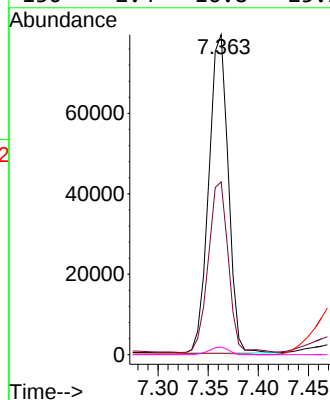
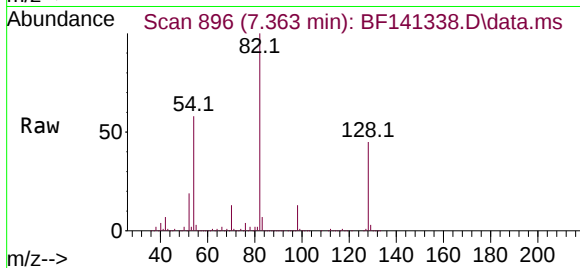




#19
n-Nitroso-di-n-propylamine
Concen: 15.801 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

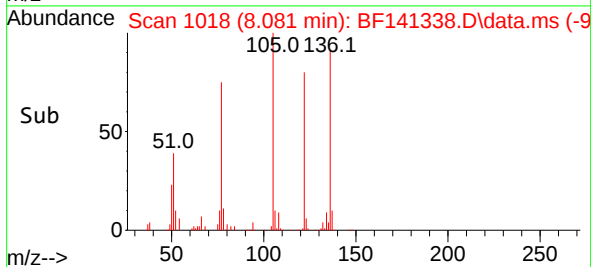
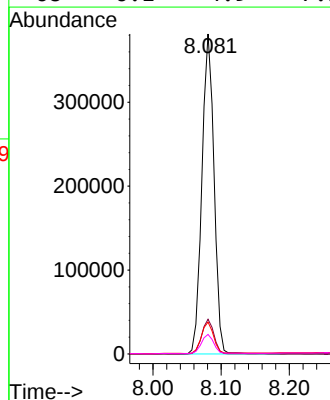
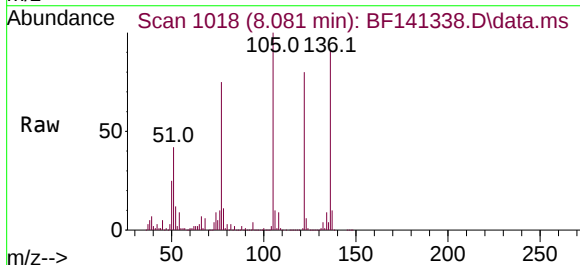
Instrument :
BNA_F
ClientSampleId :
BELL-25-002

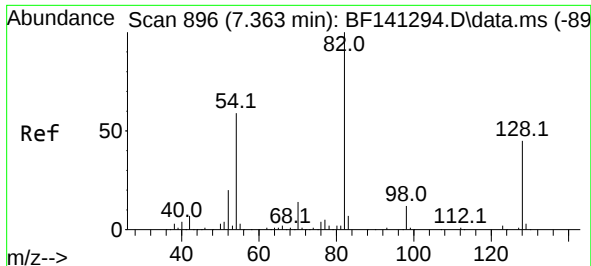
Tgt Ion: 70 Resp: 106931
Ion Ratio Lower Upper
70 100
42 54.0 56.8 85.2#
101 0.4 7.7 11.5#
130 2.4 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Tgt Ion: 136 Resp: 470760
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 7.8 11.8
68 6.1 4.9 7.3

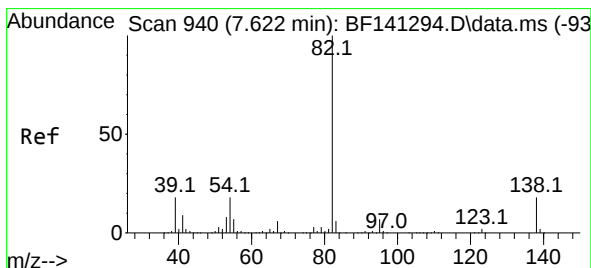
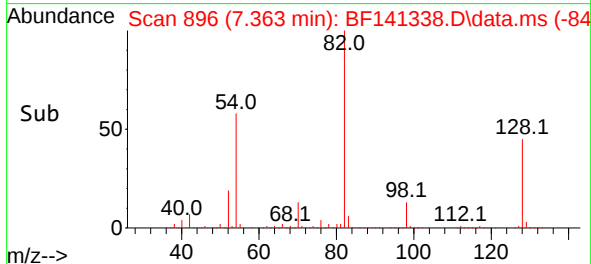
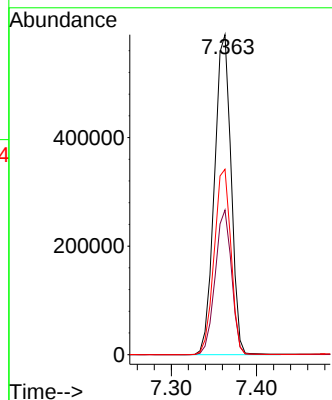
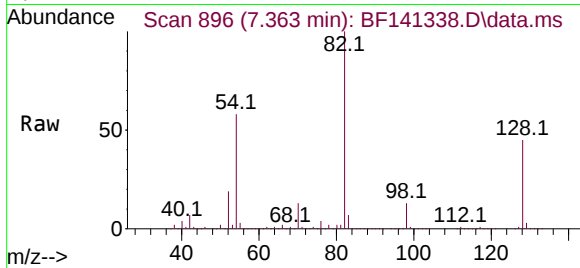




#23
Nitrobenzene-d5
Concen: 89.597 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

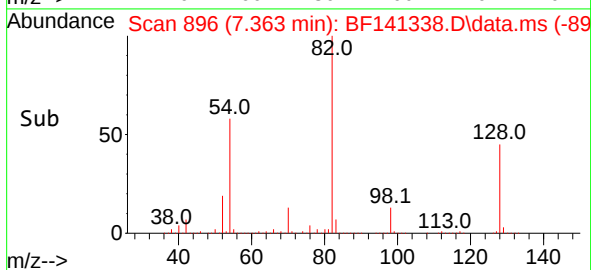
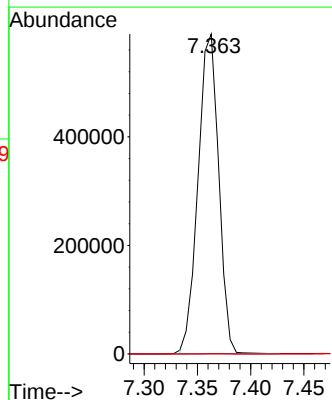
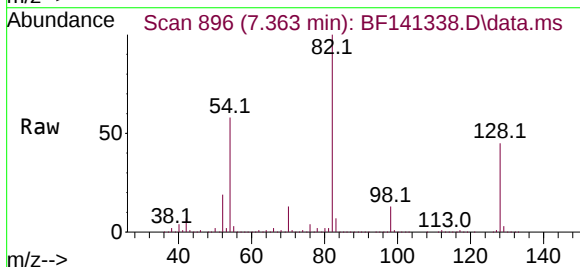
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BNA_F
ClientSampleId :
BELL-25-002

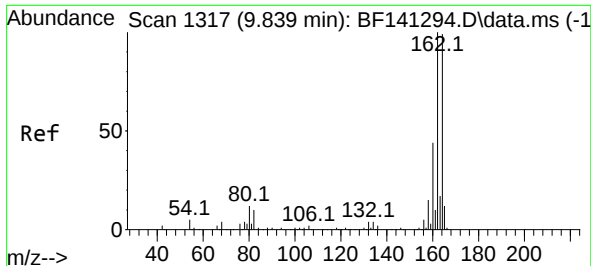
Tgt Ion: 82 Resp: 800105
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 57.9 47.1 70.7



#25
Isophorone
Concen: 51.360 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

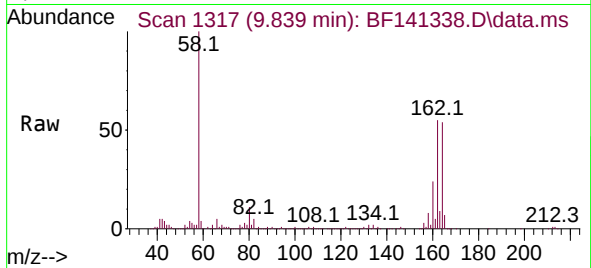
Tgt Ion: 82 Resp: 792814
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.7 22.1#



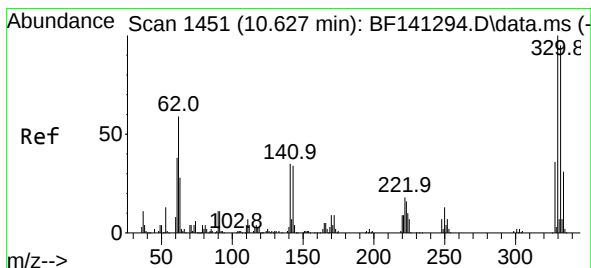
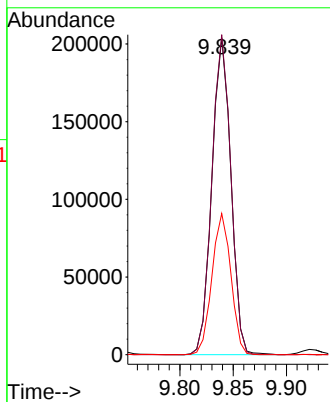
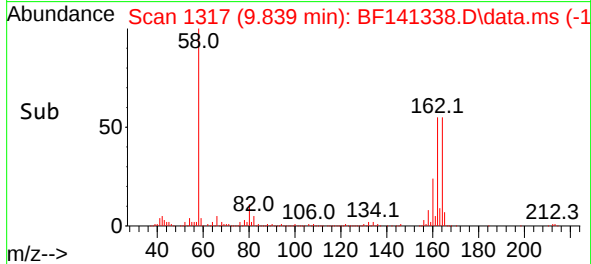


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

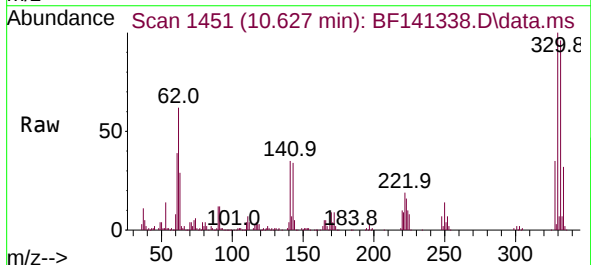
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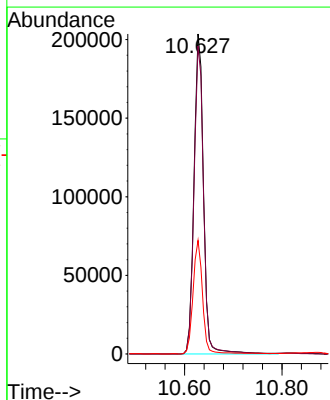
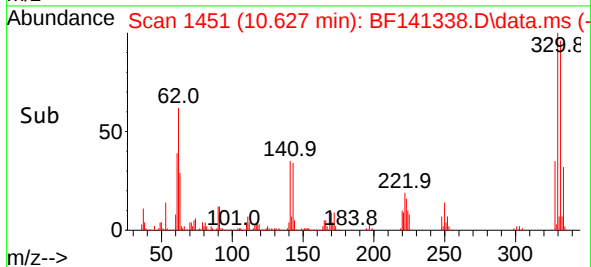
Tgt Ion:164 Resp: 253177
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.5 35.8 53.6

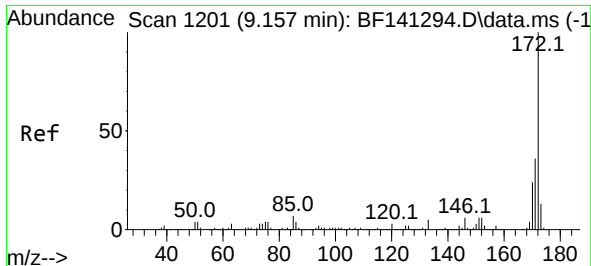


#42
2,4,6-Tribromophenol
Concen: 119.549 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18



Tgt Ion:330 Resp: 277480
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.4 28.8 43.2

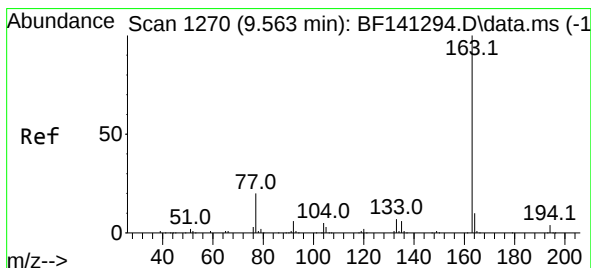
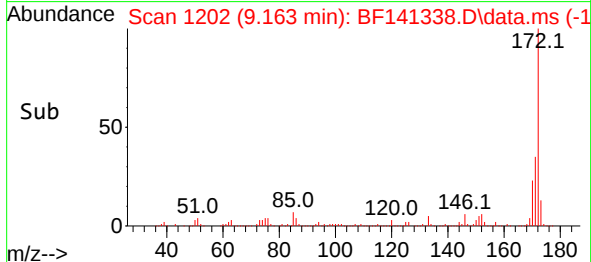
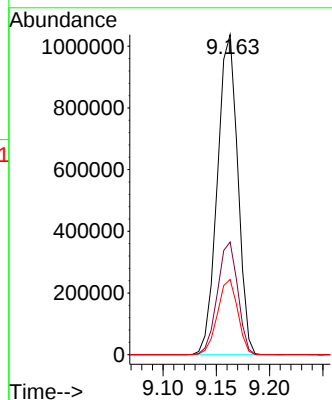
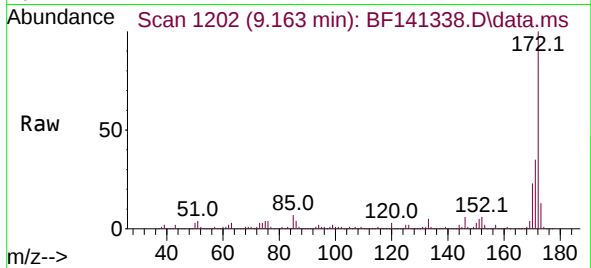




#45
2-Fluorobiphenyl
Concen: 83.683 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

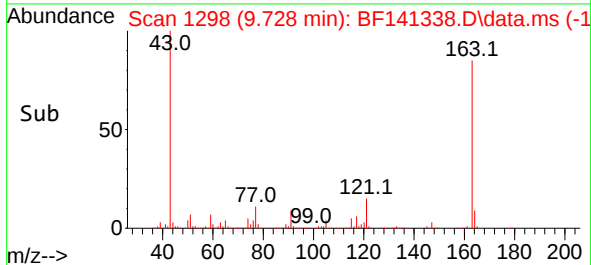
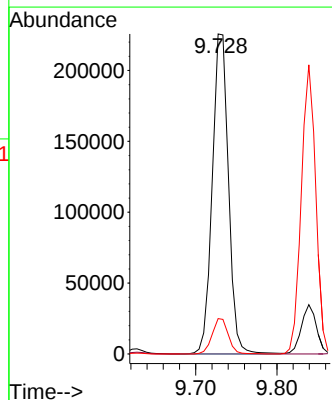
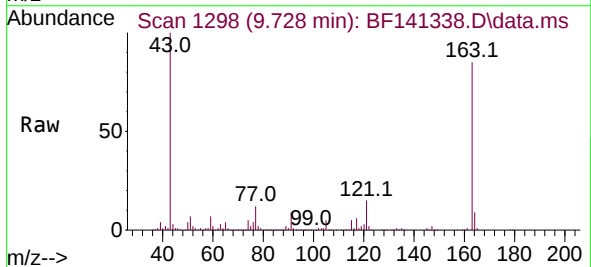
Instrument :
BNA_F
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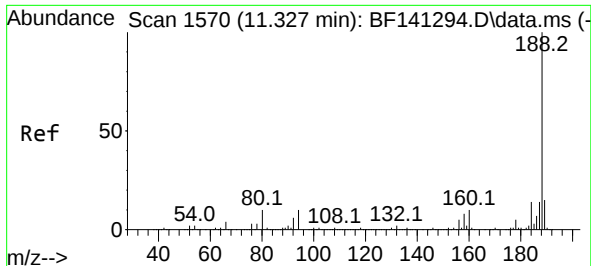
Tgt Ion:172 Resp: 1376481
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.5 19.0 28.6



#50
Dimethylphthalate
Concen: 18.325 ng
RT: 9.728 min Scan# 1298
Delta R.T. 0.159 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Tgt Ion:163 Resp: 313354
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 11.0 8.0 12.0

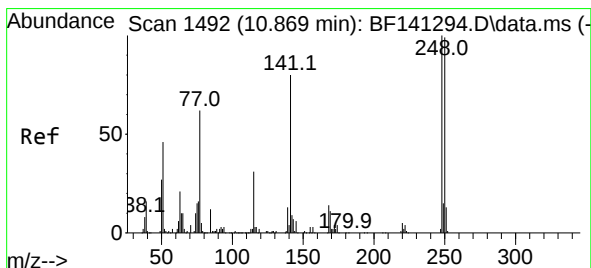
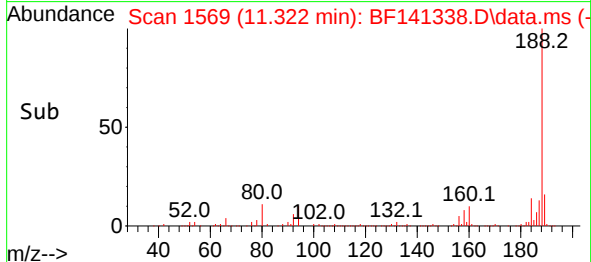
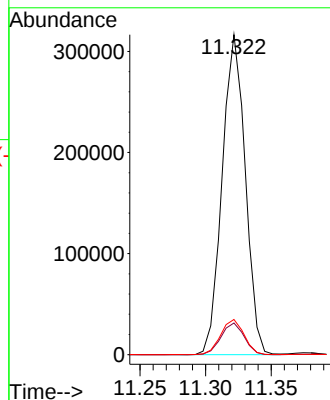
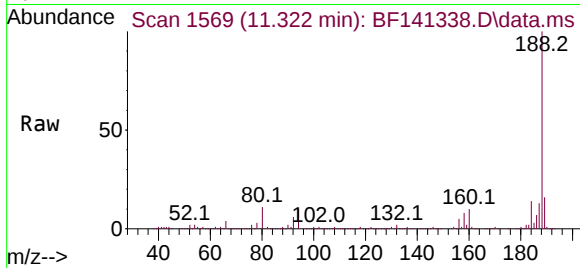




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

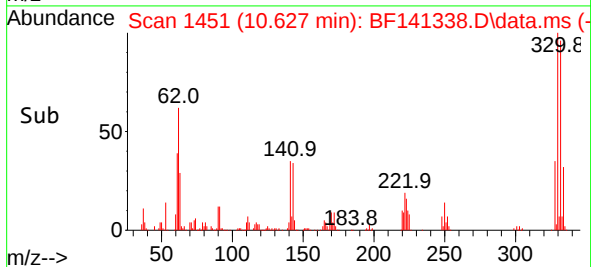
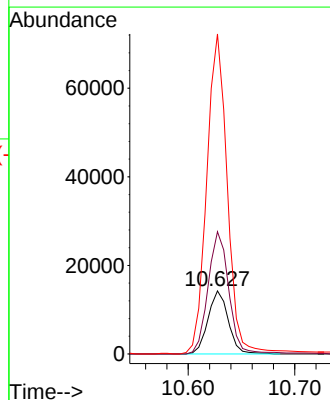
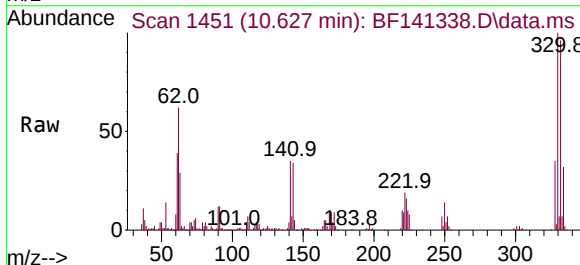
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BNA_F
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BELL-25-002

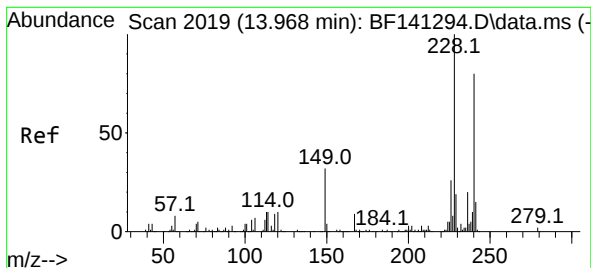
Tgt Ion:188 Resp: 387939
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 11.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Tgt Ion:248 Resp: 18884
Ion Ratio Lower Upper
248 100
250 194.1 79.0 118.4#
141 507.9 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141338.D

Acq: 31 Jan 2025 18:18

Instrument :

BNA_F

ClientSampleId :

BELL-25-002

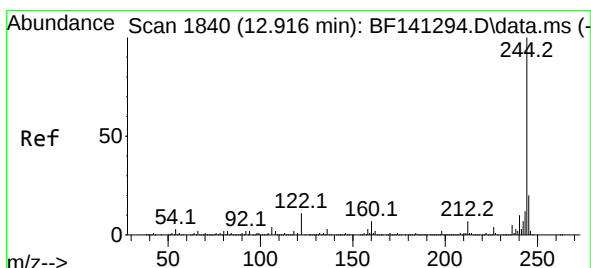
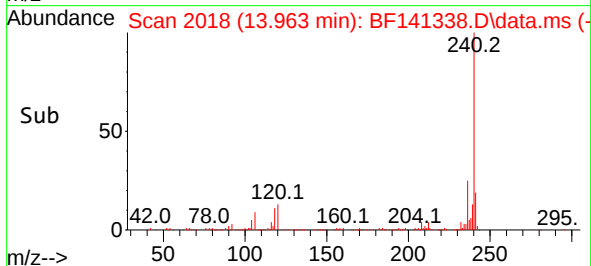
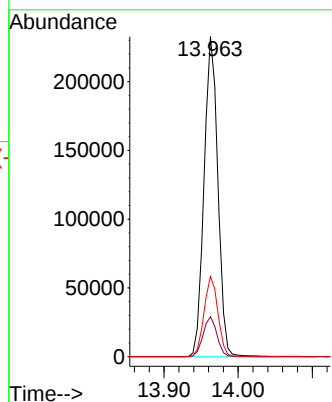
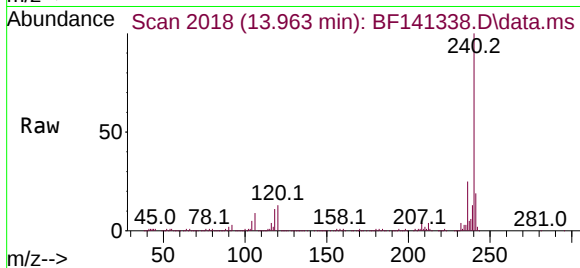
Tgt Ion:240 Resp: 301332

Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

236 25.0 19.7 29.5



#79

Terphenyl-d14

Concen: 66.428 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141338.D

Acq: 31 Jan 2025 18:18

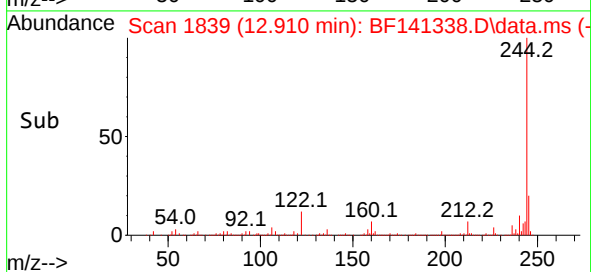
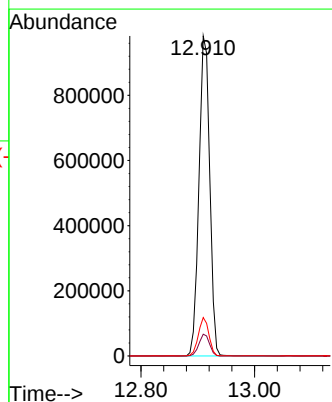
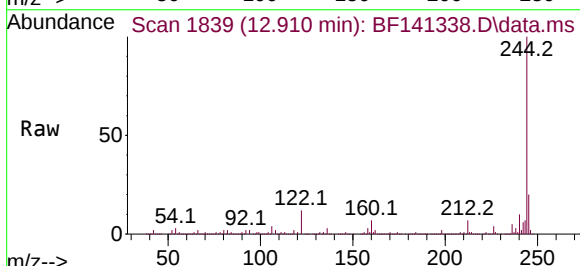
Tgt Ion:244 Resp: 1297950

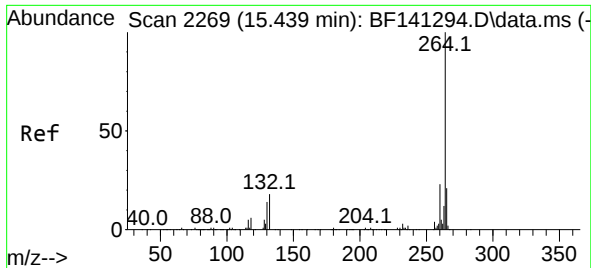
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

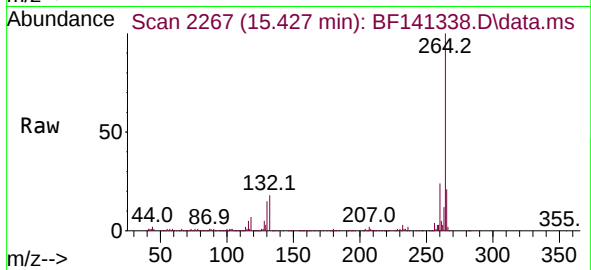
122 12.0 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Instrument :
BNA_F
ClientSampleId :
BELL-25-002



Tgt Ion:264	Resp:	312799
Ion	Ratio	Lower Upper
264	100	
260	23.6	18.6 27.8
265	21.1	16.7 25.1

