

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134246.D
 Acq On : 12 Jul 2023 14:37
 Operator : CG\JU
 Sample : 03555-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

Quant Time: Jul 12 15:12:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

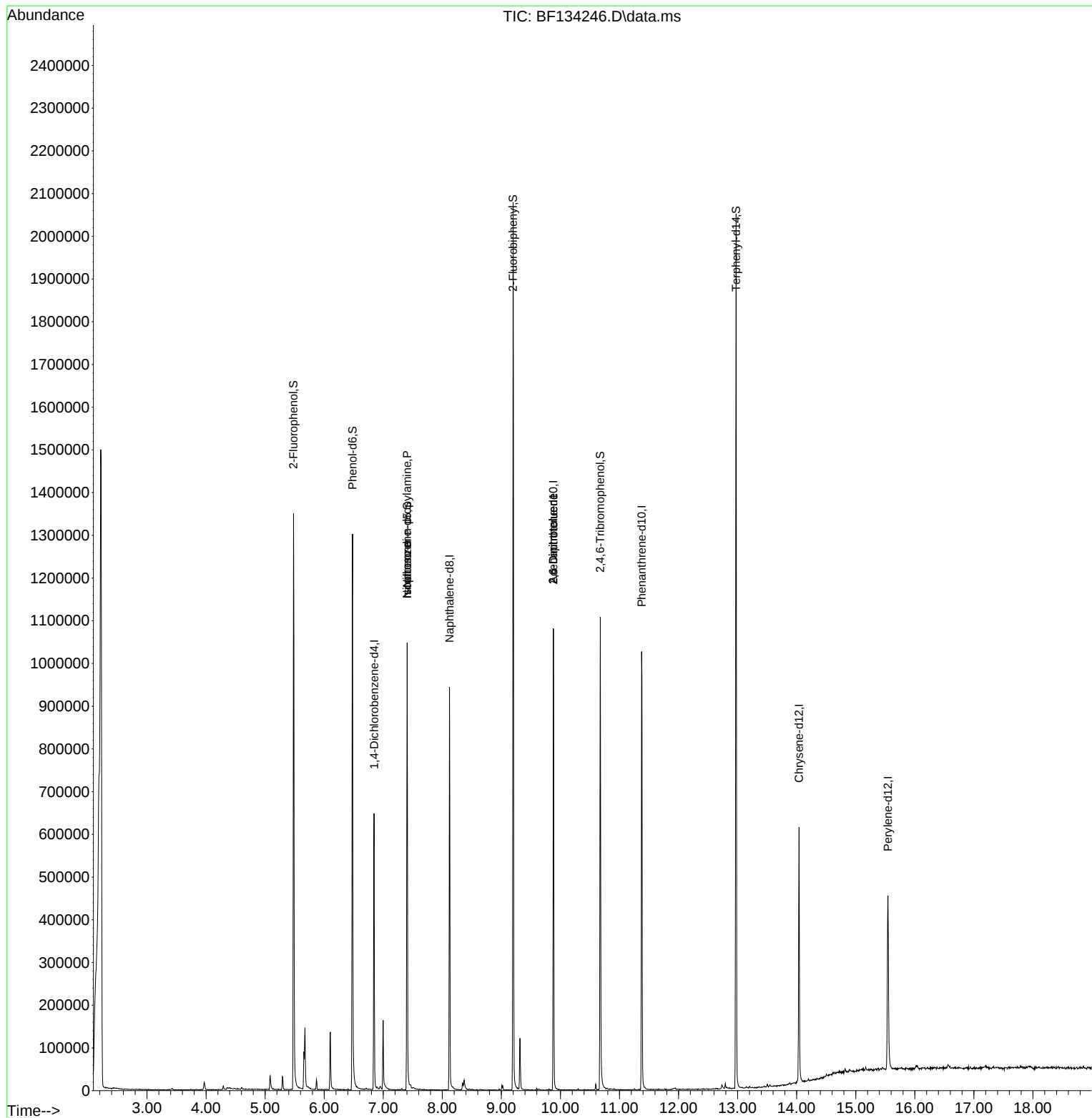
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	96135	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	388831	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	201277	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	408514	20.000	ng	0.00
76) Chrysene-d12	14.039	240	203078	20.000	ng	0.00
86) Perylene-d12	15.545	264	214017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	350614	61.008	ng	0.00
7) Phenol-d6	6.481	99	400989	56.735	ng	0.00
23) Nitrobenzene-d5	7.404	82	290936	40.334	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	132994	52.700	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	608944	43.986	ng	0.00
79) Terphenyl-d14	12.974	244	693034	54.924	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	65	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	41680	9.299 ng	#	77
25) Isophorone	7.404	82	290936	22.193 ng	#	64
51) 2,6-Dinitrotoluene	9.880	165	24924	7.920 ng	#	23
57) 2,4-Dinitrotoluene	9.880	165	24924	5.997 ng	#	22

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

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VNJ-240

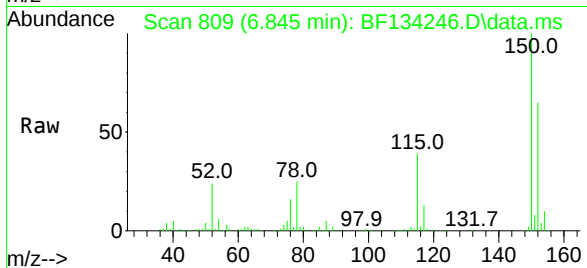
Quant Time: Jul 12 15:12:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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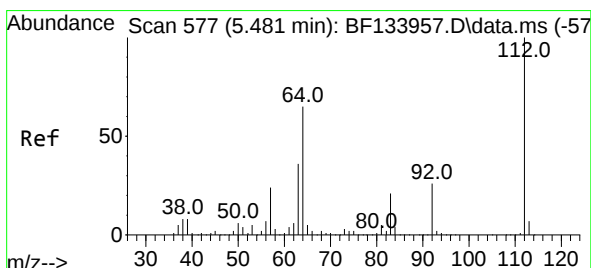
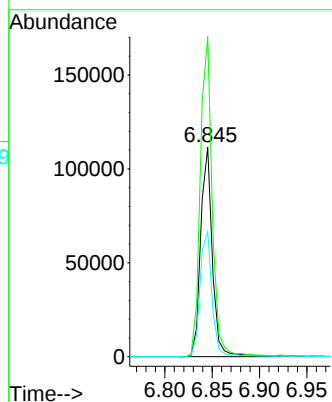
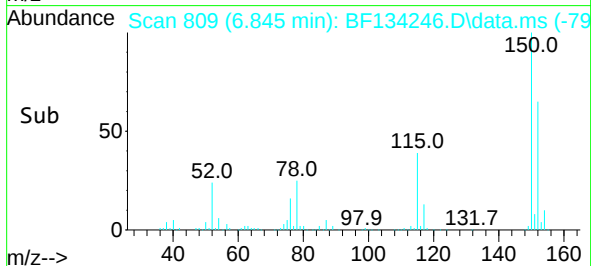


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

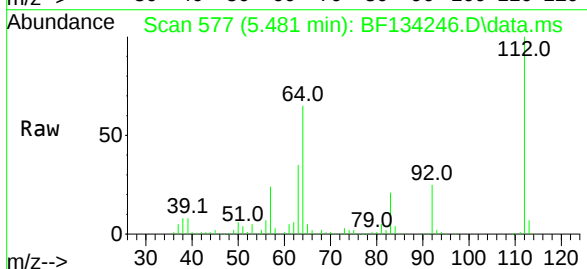
Instrument :
BNA_F
ClientSampleId :
VNJ-240



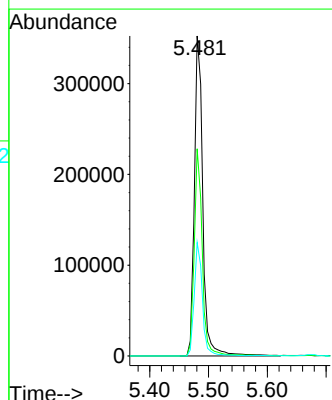
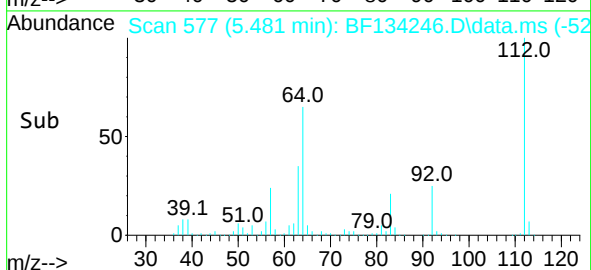
Tgt Ion:152 Resp: 96135
Ion Ratio Lower Upper
152 100
150 152.9 124.5 186.7
115 59.7 50.2 75.2



#5
2-Fluorophenol
Concen: 61.008 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37



Tgt Ion:112 Resp: 350614
Ion Ratio Lower Upper
112 100
64 64.7 52.1 78.1
63 35.4 28.6 42.8

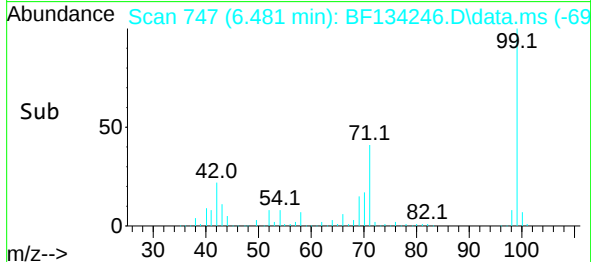
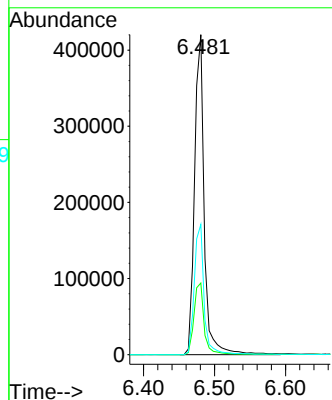
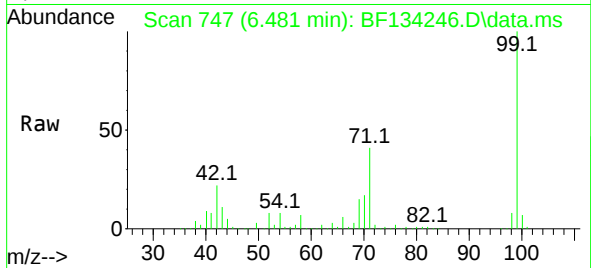




#7
Phenol-d6
Concen: 56.735 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

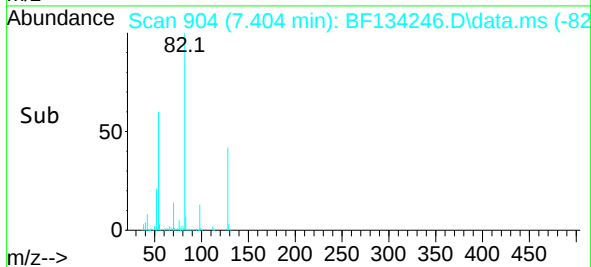
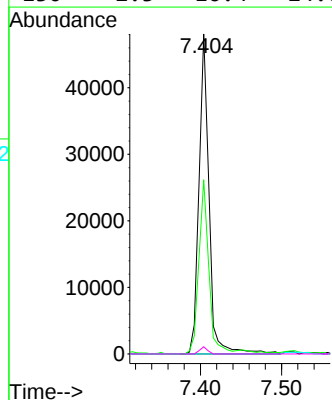
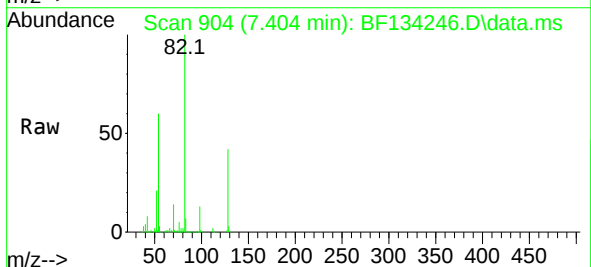
Instrument :
BNA_F
ClientSampleId :
VNJ-240

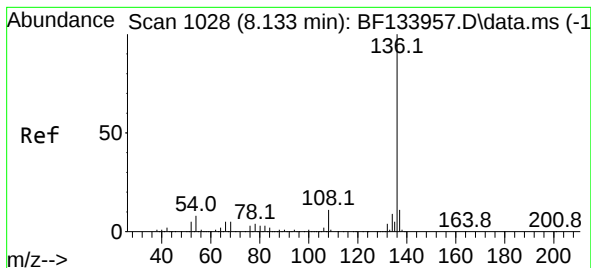
Tgt Ion: 99 Resp: 400989
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.6
71 40.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.299 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

Tgt Ion: 70 Resp: 41680
Ion Ratio Lower Upper
70 100
42 54.5 54.7 82.1#
101 0.0 7.7 11.5#
130 2.3 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134246.D

Acq: 12 Jul 2023 14:37

Instrument :

BNA_F

ClientSampleId :

VNJ-240

Tgt Ion:136 Resp: 388831

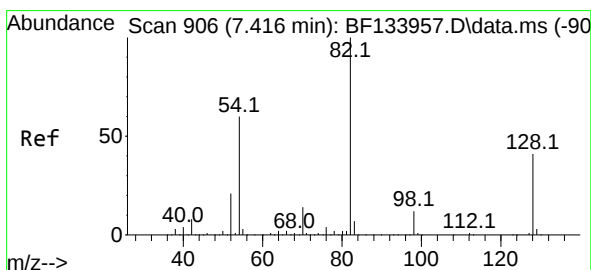
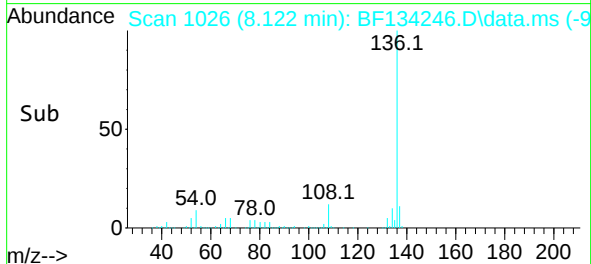
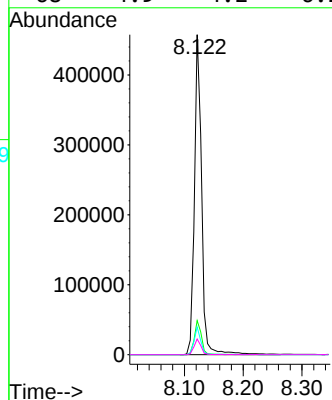
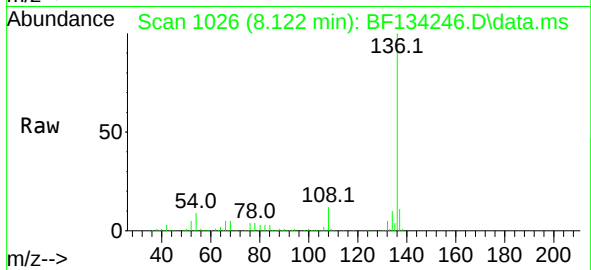
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.6 6.5 9.7

68 4.9 4.2 6.2



#23

Nitrobenzene-d5

Concen: 40.334 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134246.D

Acq: 12 Jul 2023 14:37

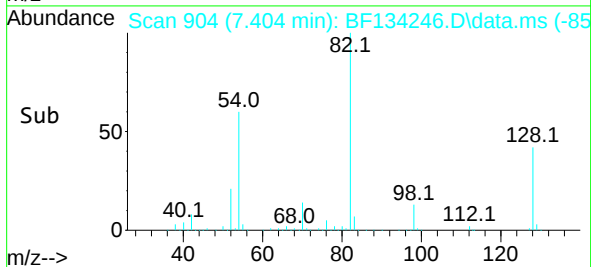
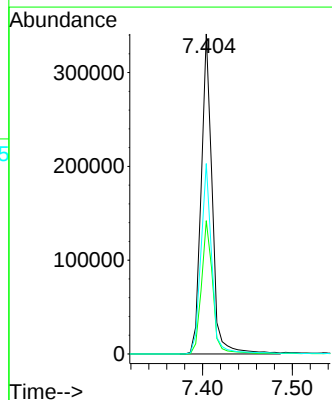
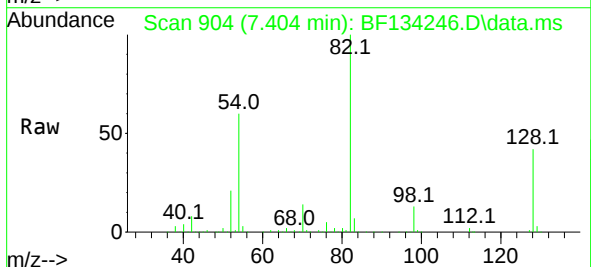
Tgt Ion: 82 Resp: 290936

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 59.5 48.2 72.2

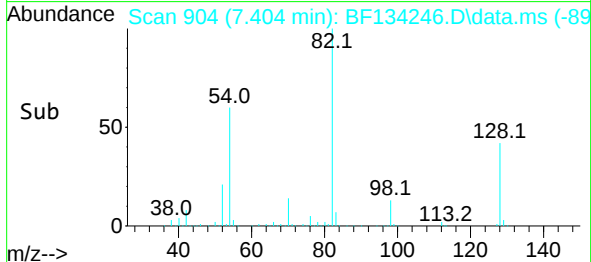
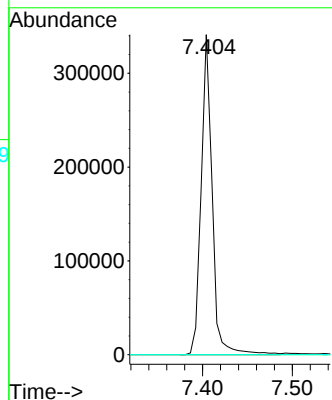
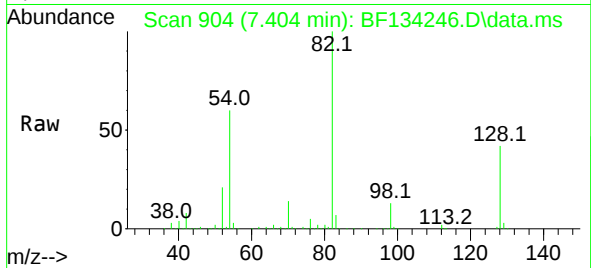




#25
Isophorone
Concen: 22.193 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

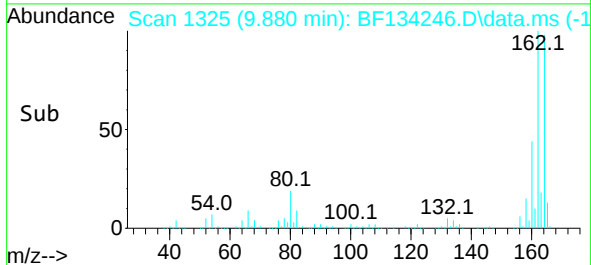
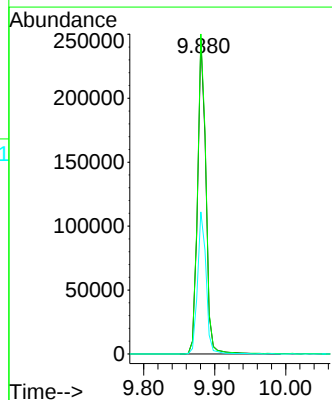
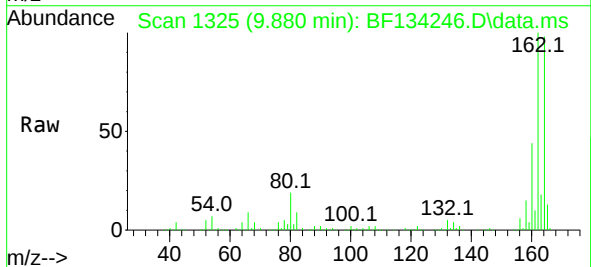
Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 82 Resp: 290936
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

Tgt Ion:164 Resp: 201277
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 45.1 35.9 53.9

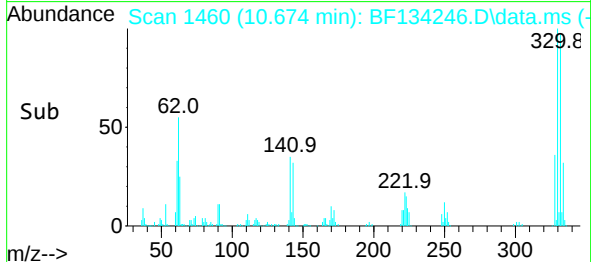
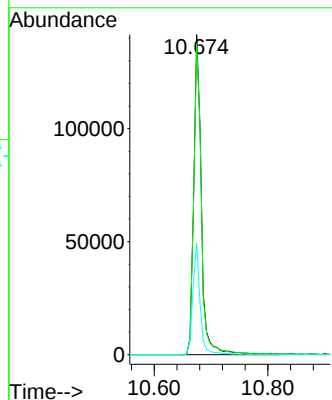
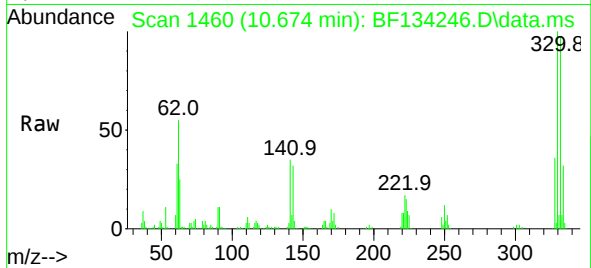




#42
2,4,6-Tribromophenol
Concen: 52.700 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

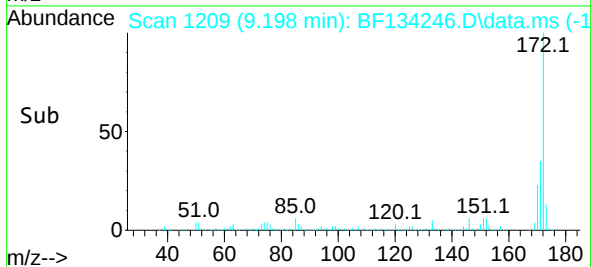
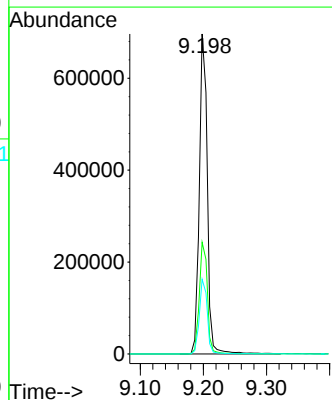
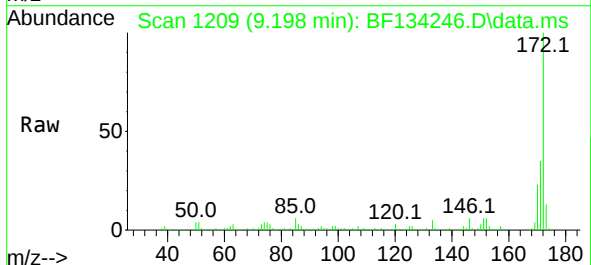
Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:330 Resp: 132994
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 33.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 43.986 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

Tgt Ion:172 Resp: 608944
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.4 19.4 29.0

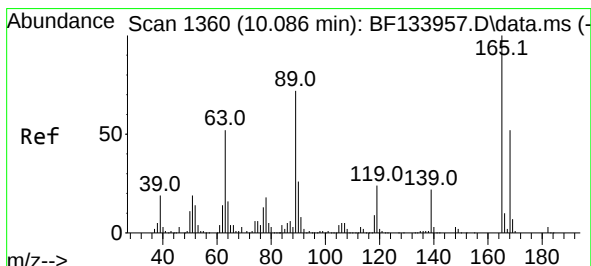
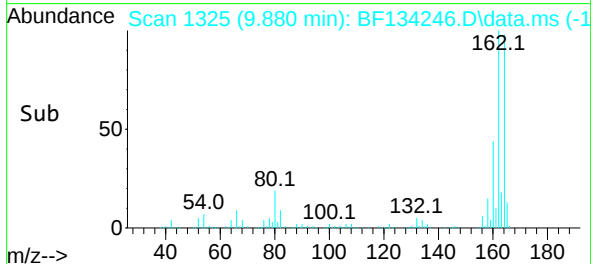
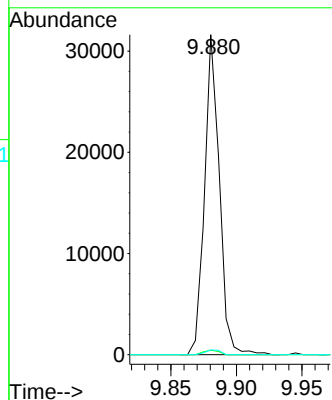
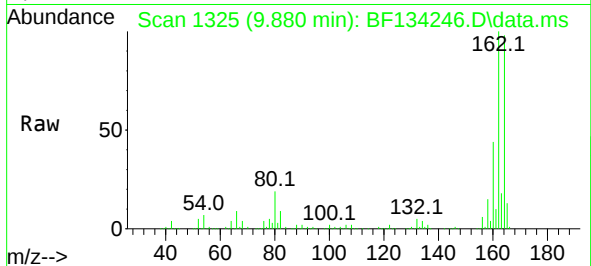




#51
2,6-Dinitrotoluene
Concen: 7.920 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

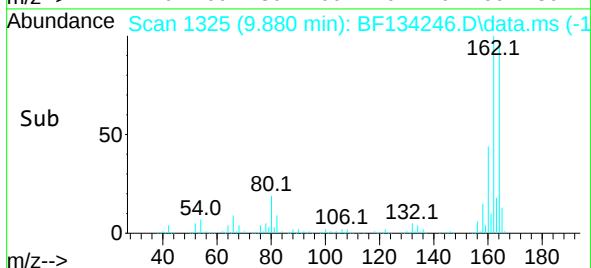
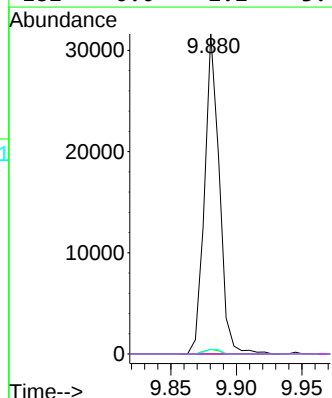
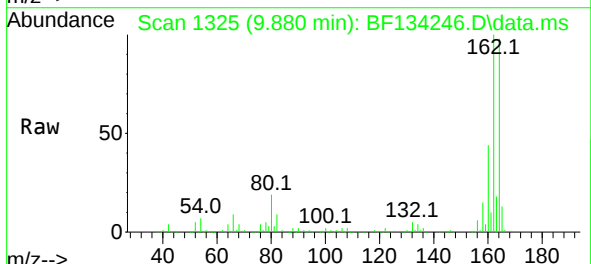
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BNA_F
ClientSampleId :
VNJ-240

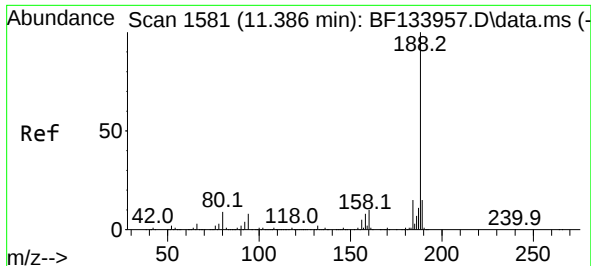
Tgt Ion:165 Resp: 24924
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

Tgt Ion:165 Resp: 24924
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#

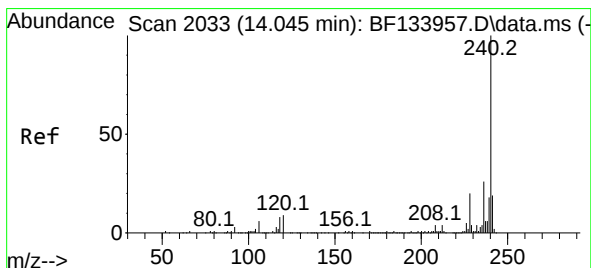
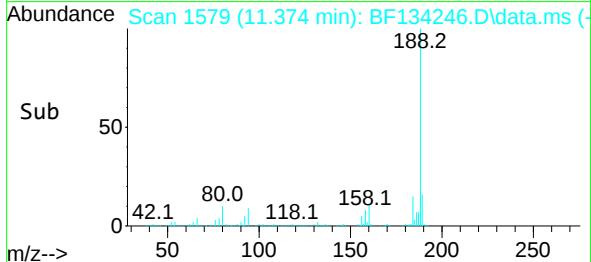
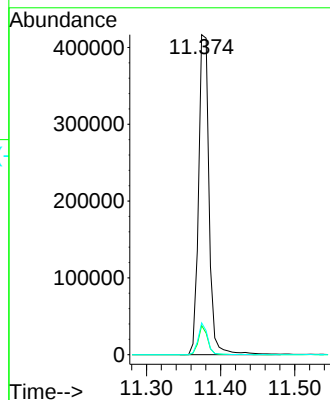
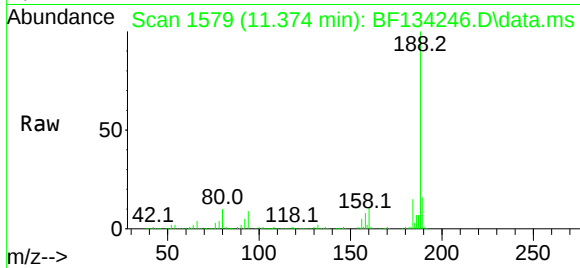




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

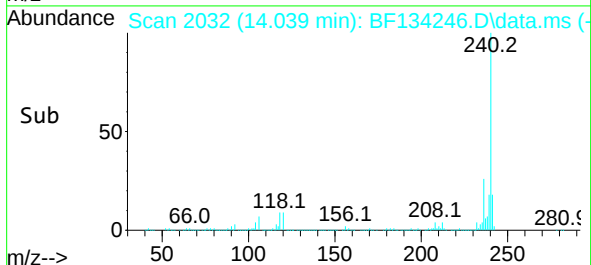
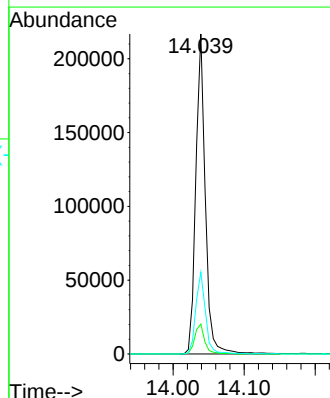
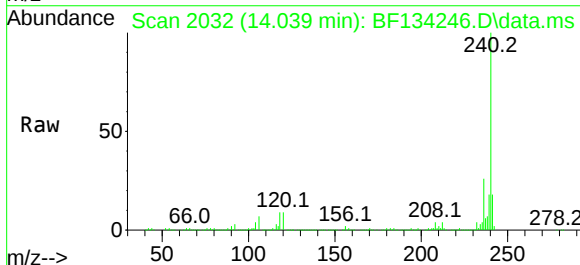
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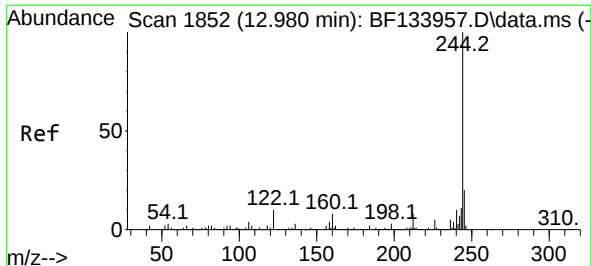
Tgt Ion:188 Resp: 408514
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 9.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134246.D
Acq: 12 Jul 2023 14:37

Tgt Ion:240 Resp: 203078
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.5 21.0 31.6

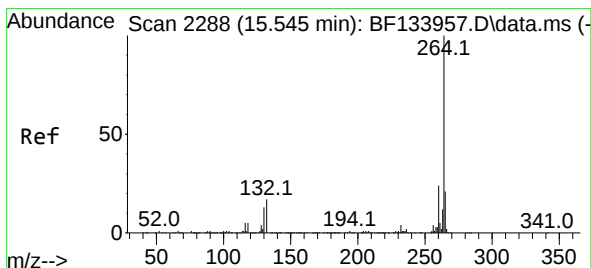
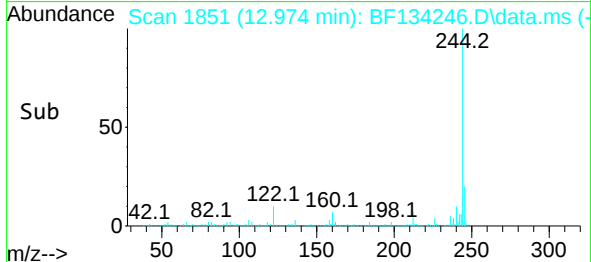
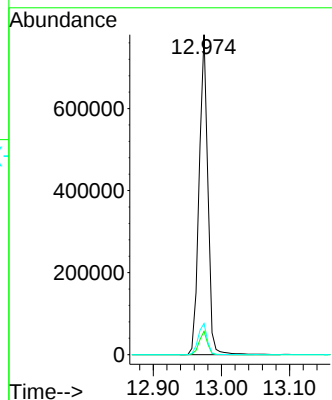
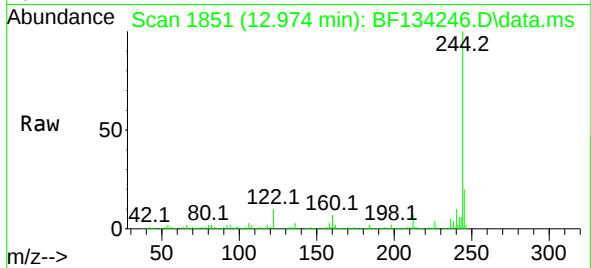




#79
 Terphenyl-d14
 Concen: 54.924 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134246.D
 Acq: 12 Jul 2023 14:37

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

Tgt Ion:244 Resp: 693034
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134246.D
 Acq: 12 Jul 2023 14:37

Tgt Ion:264 Resp: 214017
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.0 16.6 25.0

