

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138561.D
 Acq On : 12 Jul 2024 22:41
 Operator : CG\JU
 Sample : P3183-07 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

Quant Time: Jul 12 23:15:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

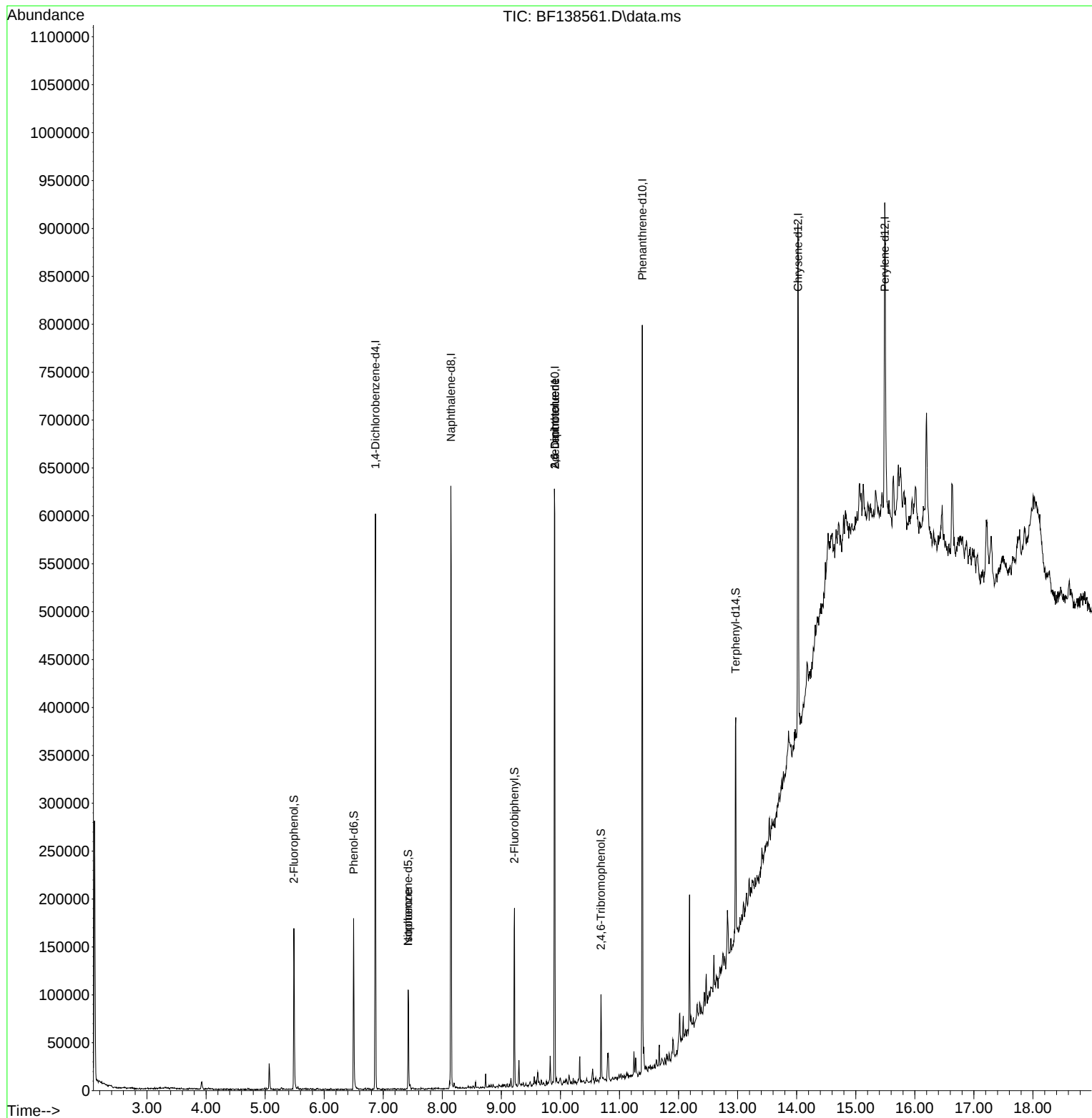
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	78376	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	254919	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	127801	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	247181	20.000	ng	0.00
76) Chrysene-d12	14.021	240	169617	20.000	ng	0.00
86) Perylene-d12	15.492	264	162680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	41103	8.306	ng	0.00
7) Phenol-d6	6.498	99	51672	7.849	ng	0.00
23) Nitrobenzene-d5	7.422	82	29064	5.598	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	9427	7.892	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	52235	6.388	ng	0.00
79) Terphenyl-d14	12.969	244	80845	7.765	ng	0.00
Target Compounds						
					Qvalue	
25) Isophorone	7.422	82	29064	3.260	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	16778	8.818	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	16778	6.815	ng	# 19

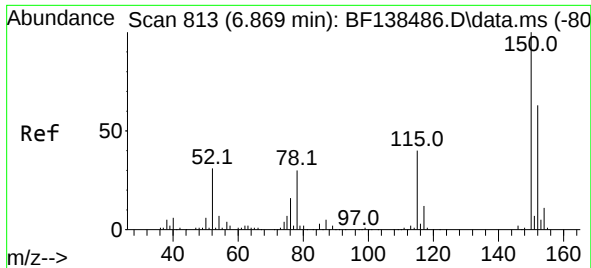
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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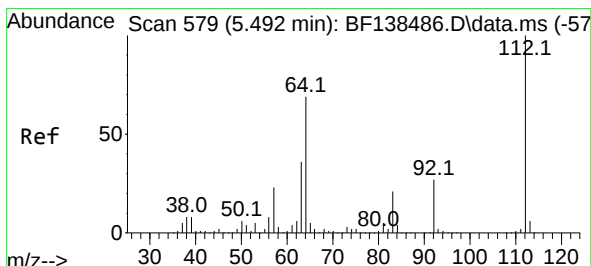
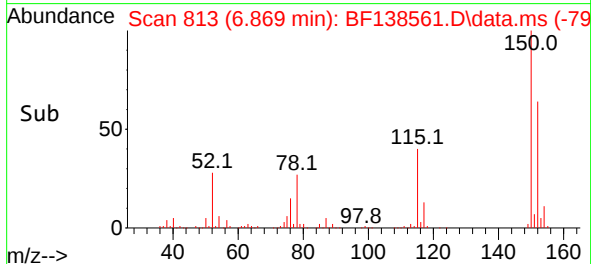
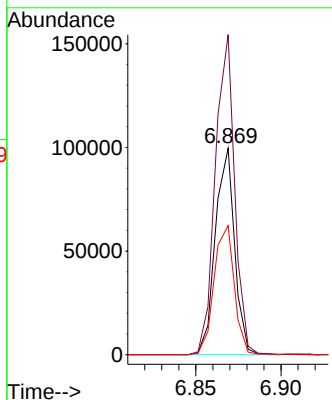
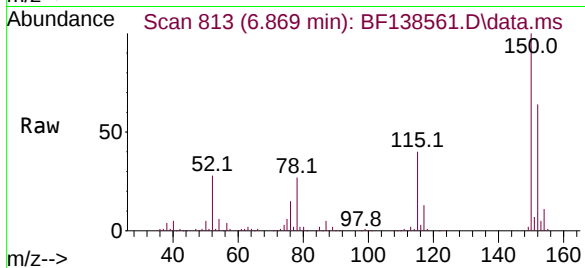




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

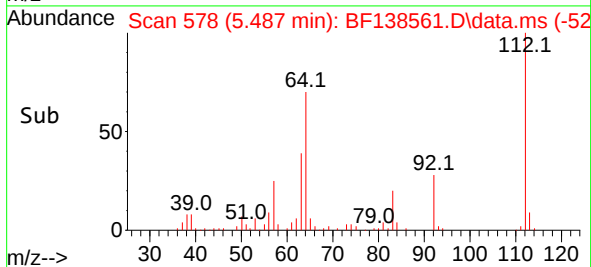
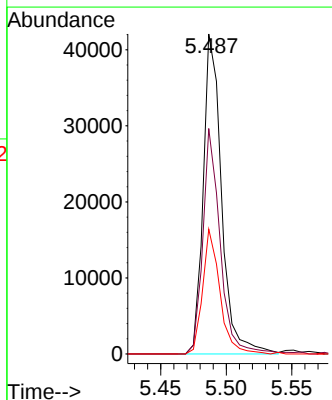
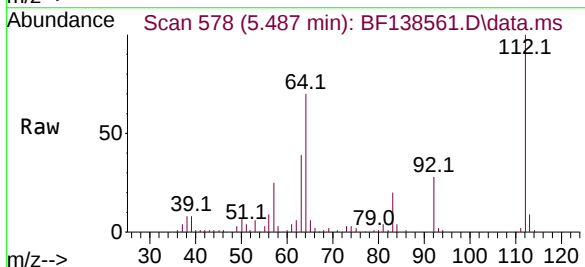
Instrument :
BNA_F
ClientSampleId :
VNJ-229

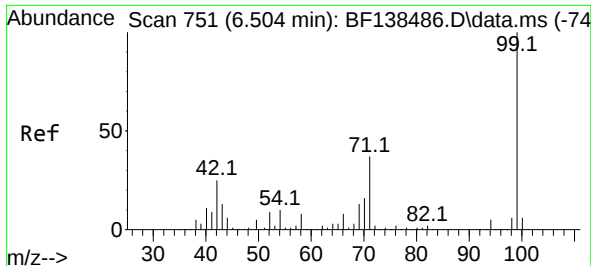
Tgt Ion:152 Resp: 78376
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 62.6 50.3 75.5



#5
2-Fluorophenol
Concen: 8.306 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

Tgt Ion:112 Resp: 41103
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 39.0 29.0 43.6

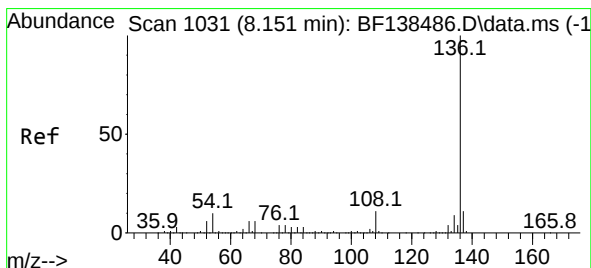
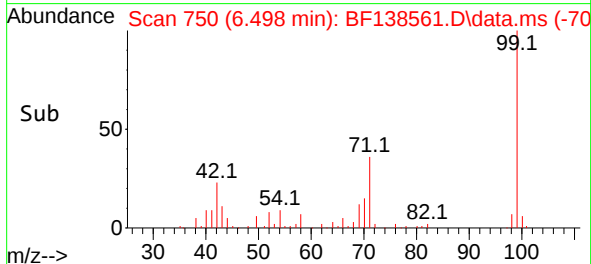
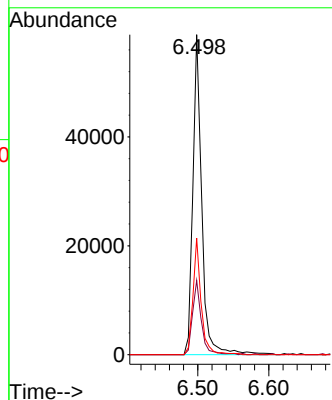
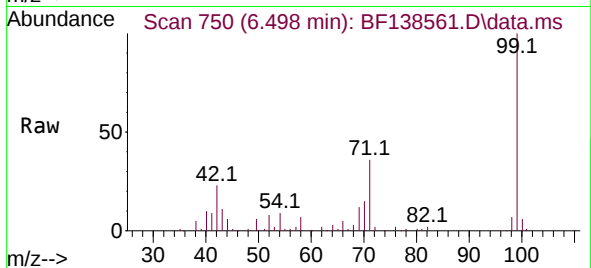




#7
Phenol-d6
Concen: 7.849 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

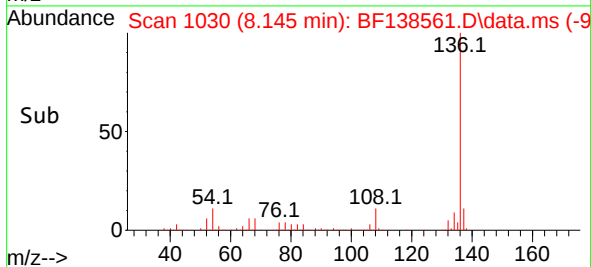
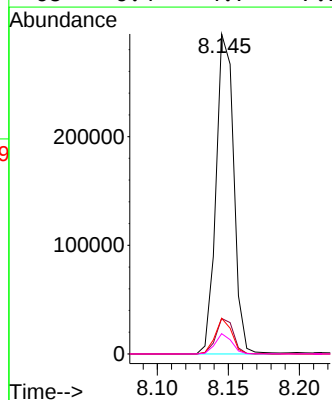
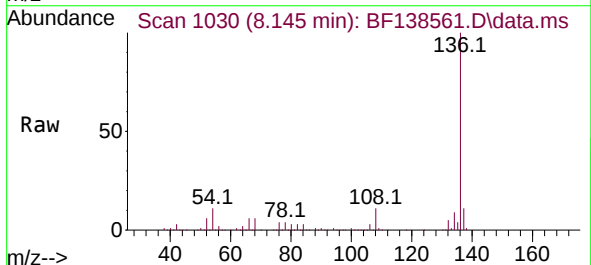
Instrument :
BNA_F
ClientSampleId :
VNJ-229

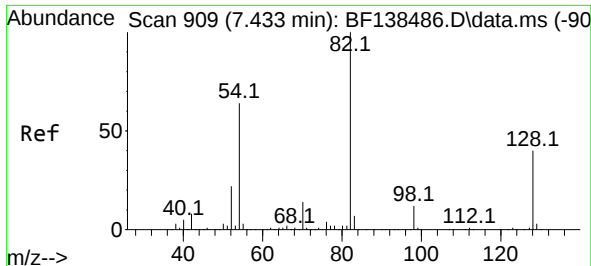
Tgt Ion: 99 Resp: 51672
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

Tgt Ion: 136 Resp: 254919
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.2 8.1 12.1
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 5.598 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF138561.D

Acq: 12 Jul 2024 22:41

Instrument :

BNA_F

ClientSampleId :

VNJ-229

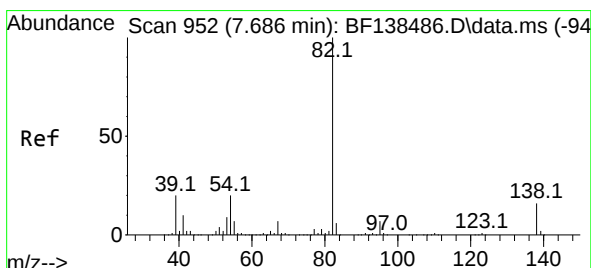
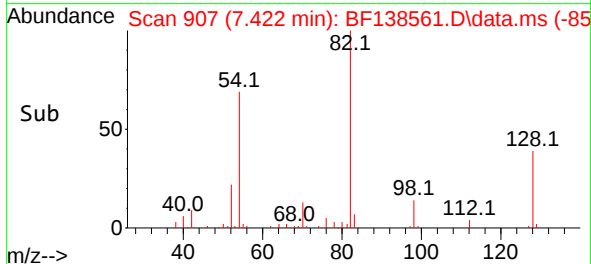
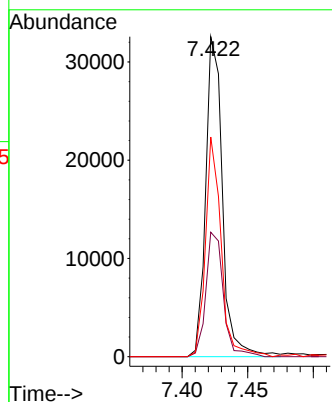
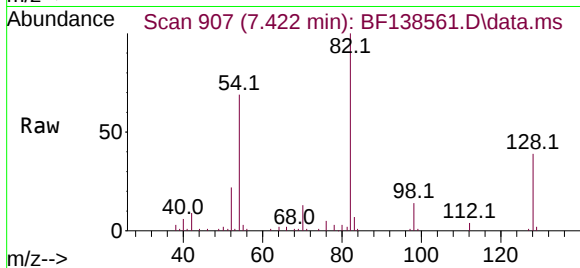
Tgt Ion: 82 Resp: 29064

Ion Ratio Lower Upper

82 100

128 38.9 32.3 48.5

54 68.7 51.4 77.0



#25

Isophorone

Concen: 3.260 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF138561.D

Acq: 12 Jul 2024 22:41

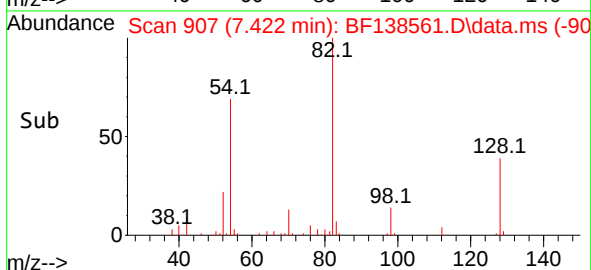
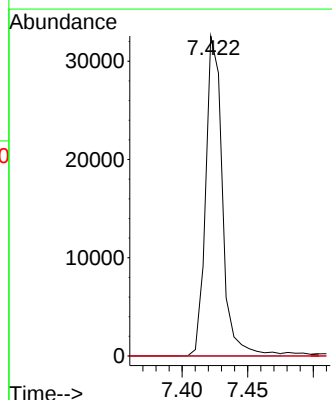
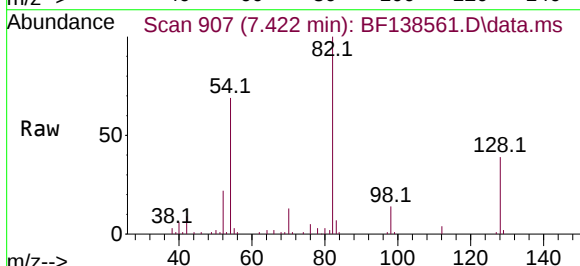
Tgt Ion: 82 Resp: 29064

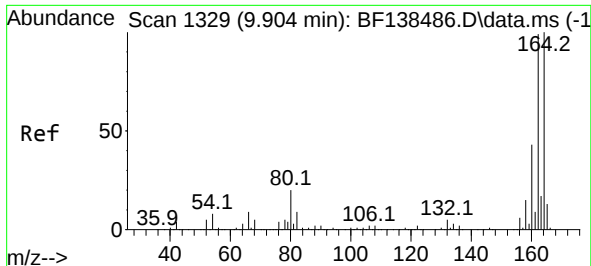
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 12.8 19.2#

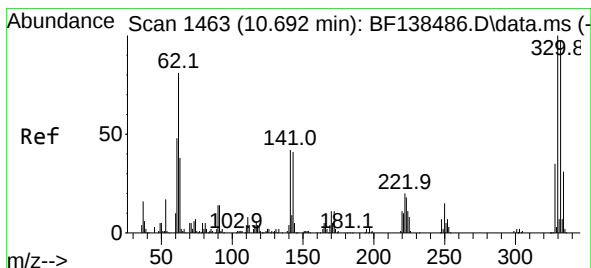
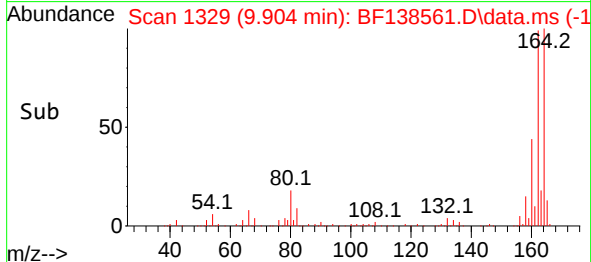
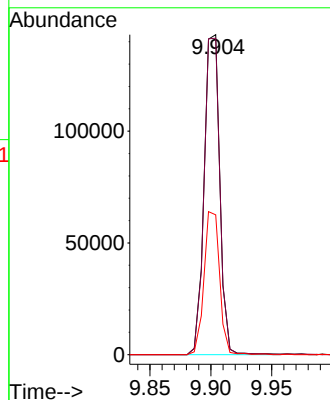
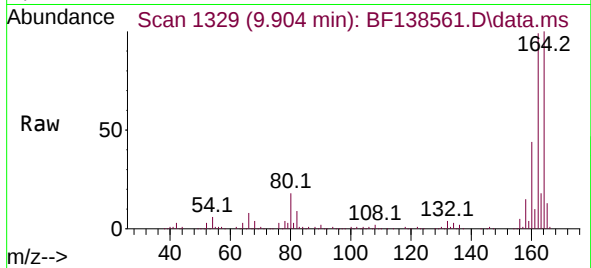




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

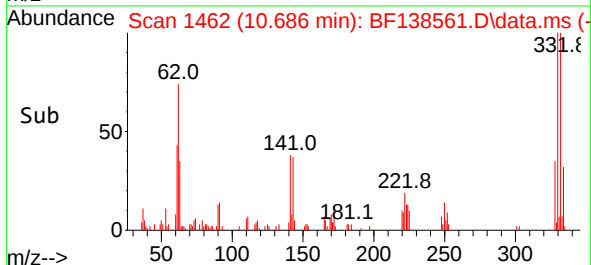
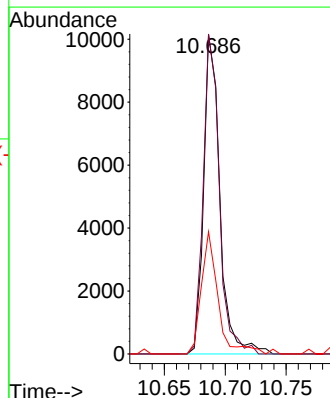
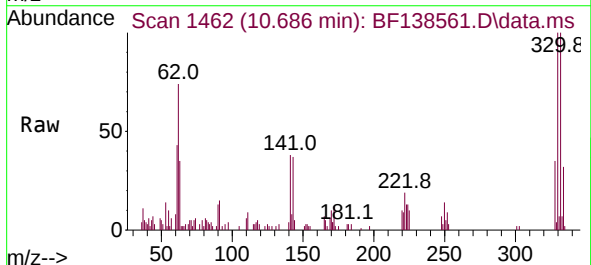
Instrument :
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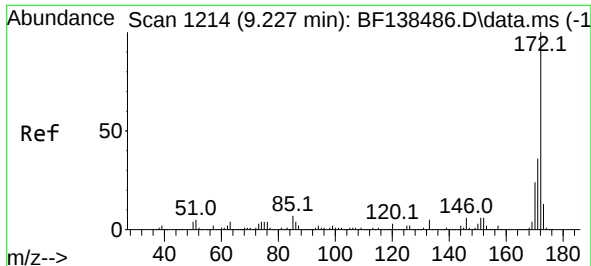
Tgt Ion:164 Resp: 127801
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 43.7 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 7.892 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

Tgt Ion:330 Resp: 9427
Ion Ratio Lower Upper
330 100
332 99.4 76.8 115.2
141 39.8 29.4 44.2





#45

2-Fluorobiphenyl

Concen: 6.388 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138561.D

Acq: 12 Jul 2024 22:41

Instrument :

BNA_F

ClientSampleId :

VNJ-229

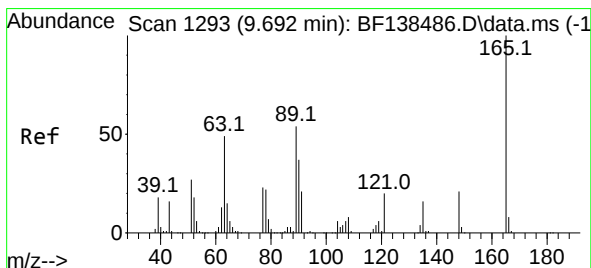
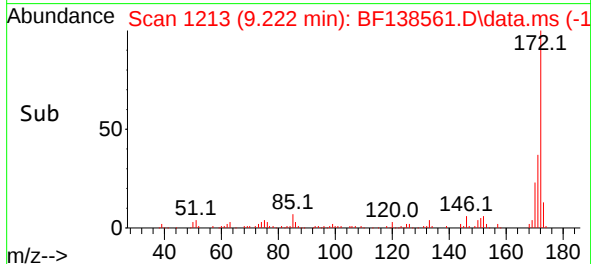
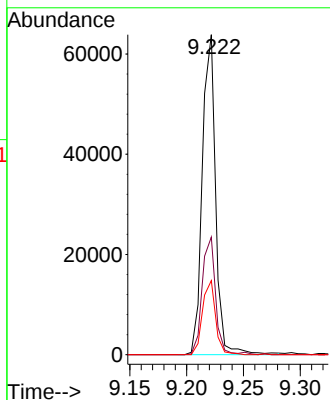
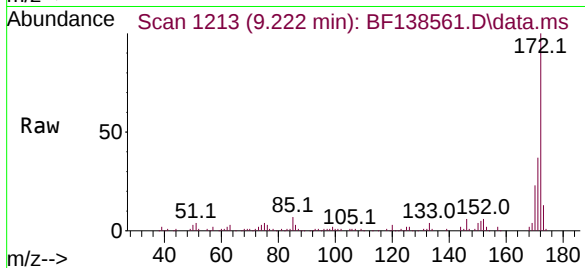
Tgt Ion:172 Resp: 52235

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

170 23.1 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.818 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF138561.D

Acq: 12 Jul 2024 22:41

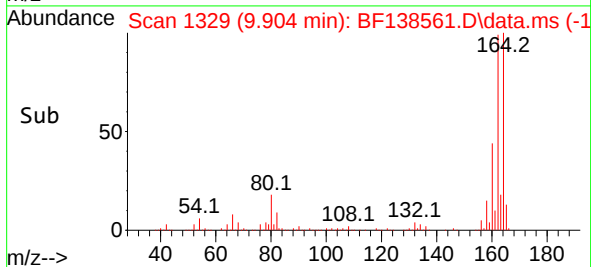
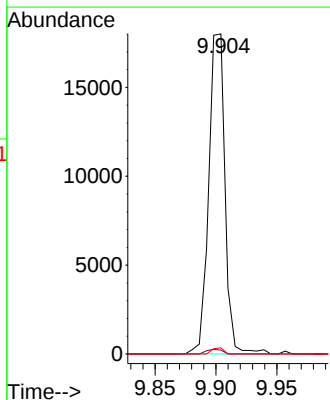
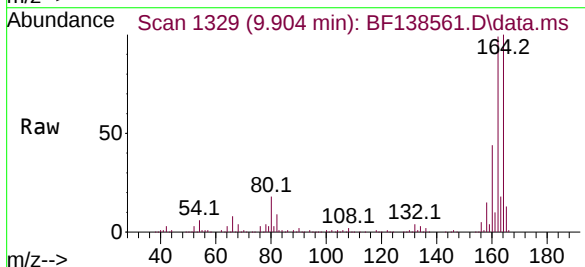
Tgt Ion:165 Resp: 16778

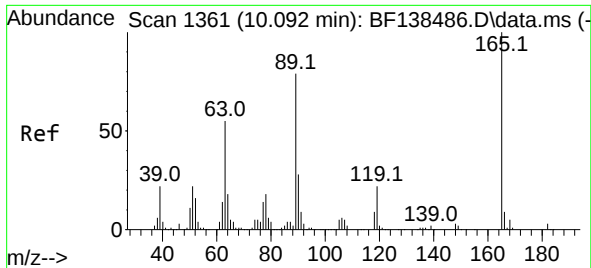
Ion Ratio Lower Upper

165 100

63 1.2 48.1 72.1#

89 1.9 43.0 64.6#

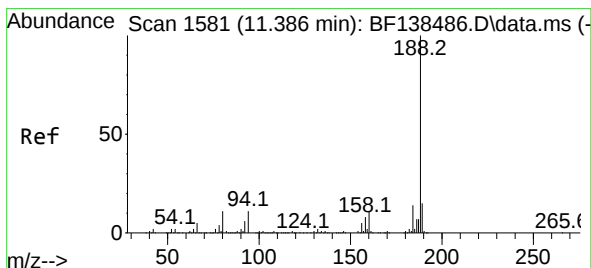
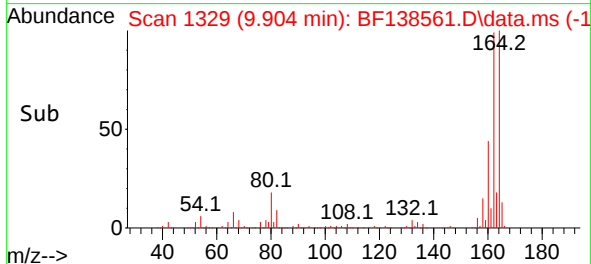
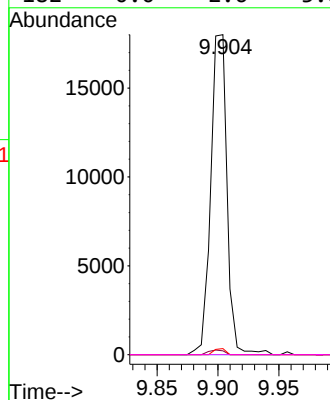
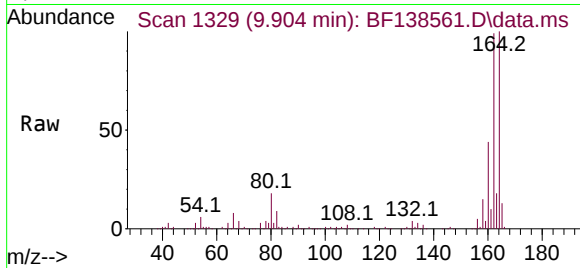




#57
2,4-Dinitrotoluene
Concen: 6.815 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

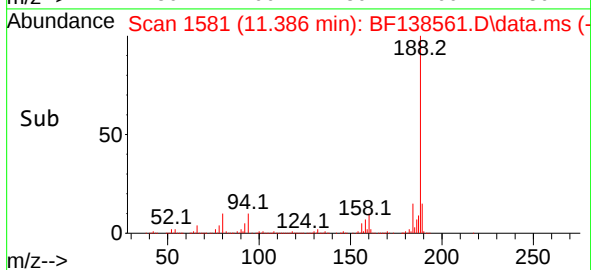
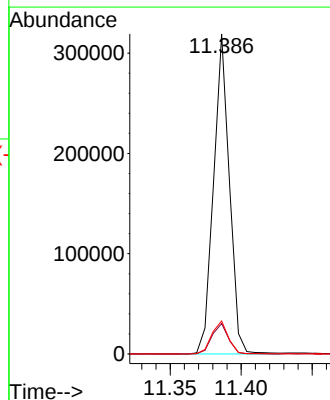
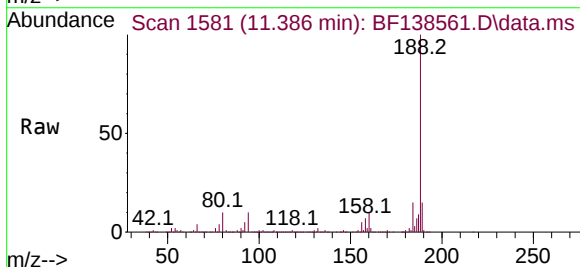
Instrument :
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VNJ-229

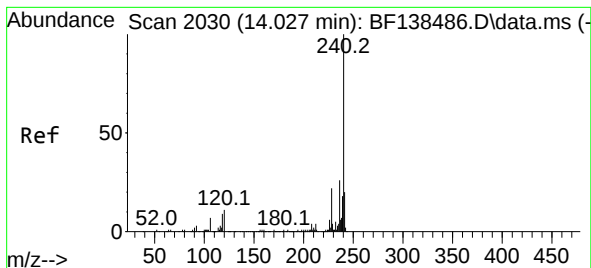
Tgt Ion:165 Resp: 16778
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.9 63.4 95.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

Tgt Ion:188 Resp: 247181
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 10.3 9.0 13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138561.D

Acq: 12 Jul 2024 22:41

Instrument :

BNA_F

ClientSampleId :

VNJ-229

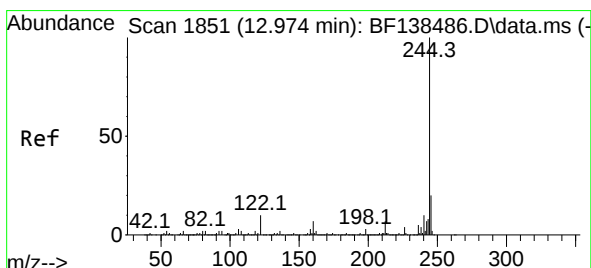
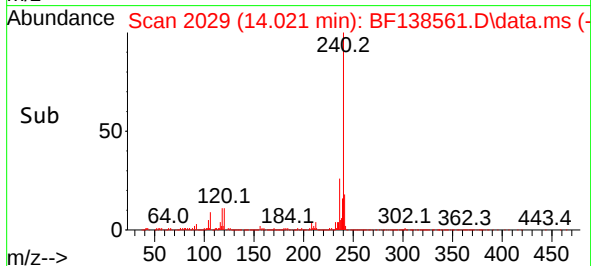
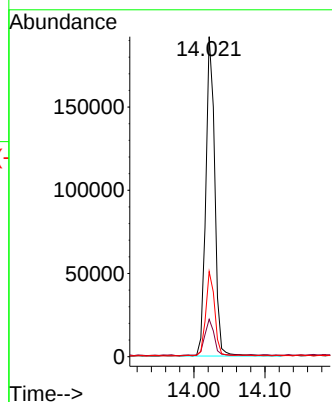
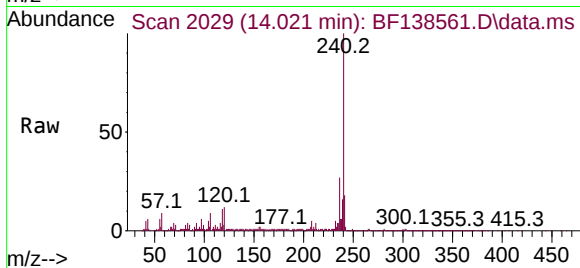
Tgt Ion:240 Resp: 169617

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

236 26.6 21.0 31.6



#79

Terphenyl-d14

Concen: 7.765 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138561.D

Acq: 12 Jul 2024 22:41

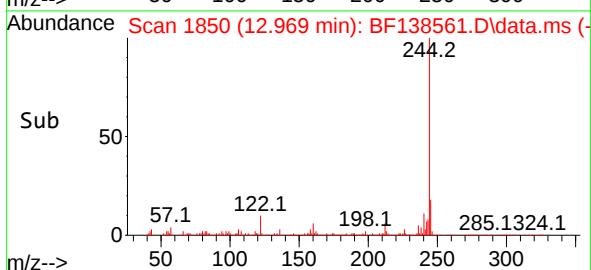
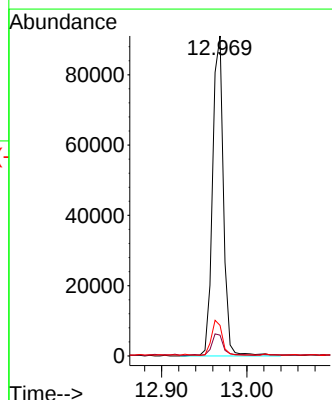
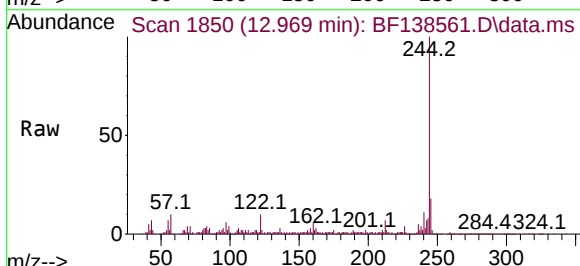
Tgt Ion:244 Resp: 80845

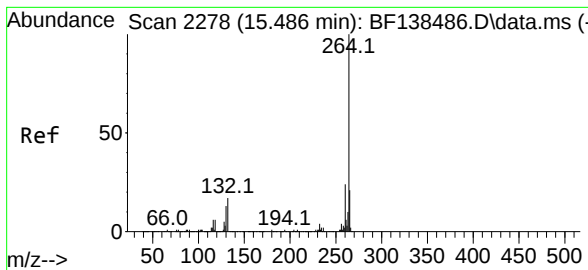
Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 9.5 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138561.D
Acq: 12 Jul 2024 22:41

Instrument :
BNA_F
ClientSampleId :
VNJ-229

Tgt Ion:264	Resp:	162680
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.0 28.6
265	22.4	17.0 25.4

