

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110422\
 Data File : BN022514.D
 Acq On : 04 Nov 2022 19:00
 Operator : CG/JU
 Sample : N5414-01DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW3DL

Quant Time: Nov 05 01:58:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 03:28:17 2022
 Response via : Initial Calibration

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

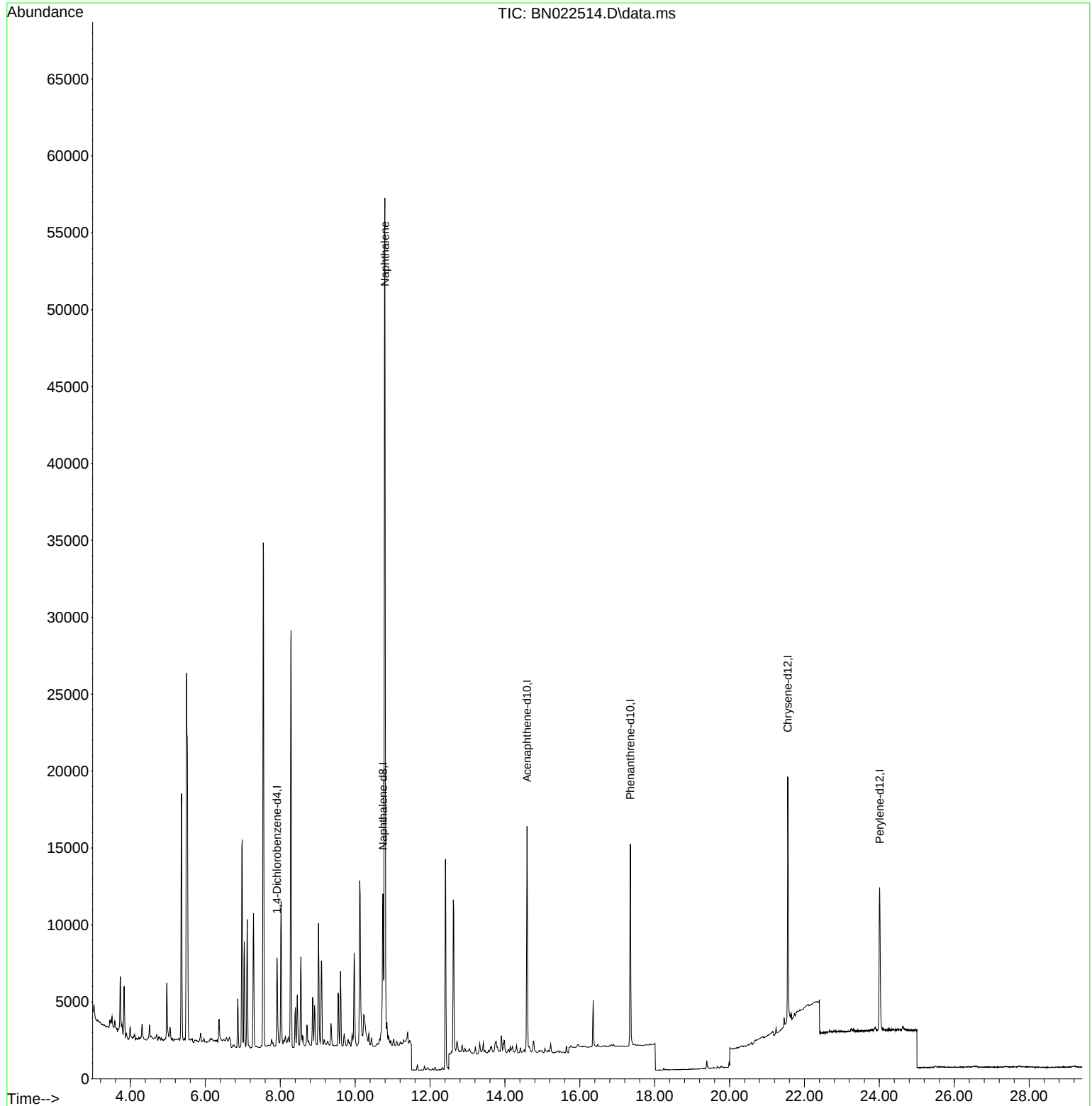
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	2832	0.400	ng	0.00
7) Naphthalene-d8	10.741	136	12844	0.400	ng	-0.01
13) Acenaphthene-d10	14.589	164	8121	0.400	ng	-0.01
19) Phenanthrene-d10	17.350	188	17413	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	14023	0.400	ng	0.00
35) Perylene-d12	24.008	264	13749	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.436	112	106	0.013	ng	-0.01
5) Phenol-d6	7.119	99	112	0.011	ng	0.03
8) Nitrobenzene-d5	9.097	82	107	0.009	ng	-0.01
11) 2-Methylnaphthalene-d10	12.342	152	193	0.009	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	47	0.011	ng	0.00
15) 2-Fluorobiphenyl	13.210	172	353	0.010	ng	-0.01
27) Fluoranthene-d10	19.390	212	532	0.011	ng	0.00
31) Terphenyl-d14	19.989	244	523	0.012	ng	0.00
Target Compounds						
9) Naphthalene	10.795	128	75873	1.950	ng	Qvalue 97

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

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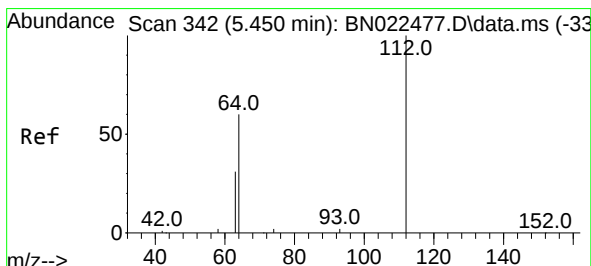
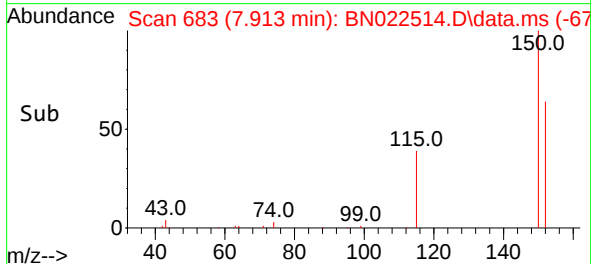
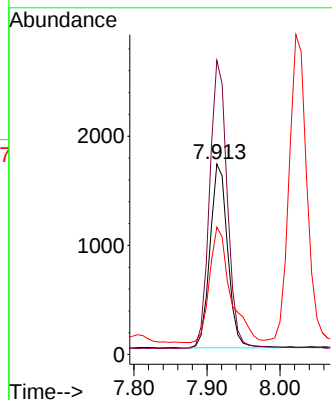
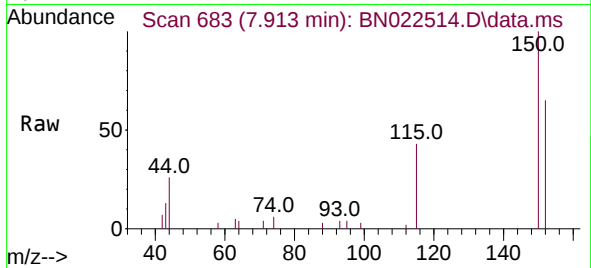




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.913 min Scan# 684
 Delta R.T. -0.007 min
 Lab File: BN022514.D
 Acq: 04 Nov 2022 19:00

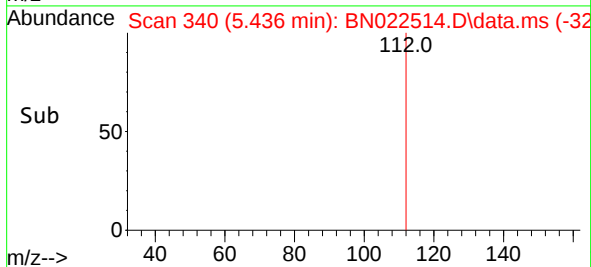
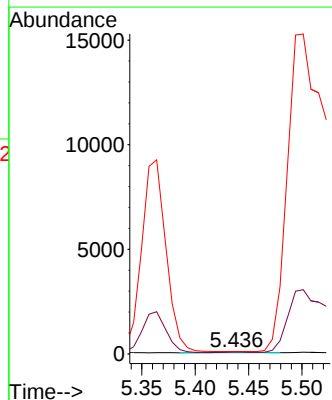
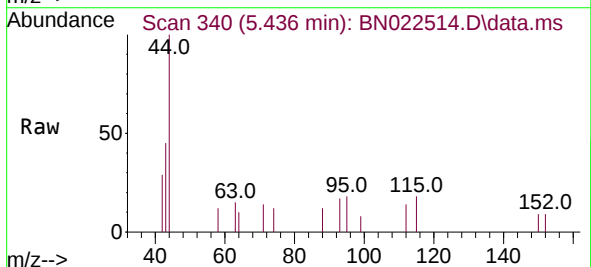
Instrument :
 BNA_N
 ClientSampleId :
 MW3DL

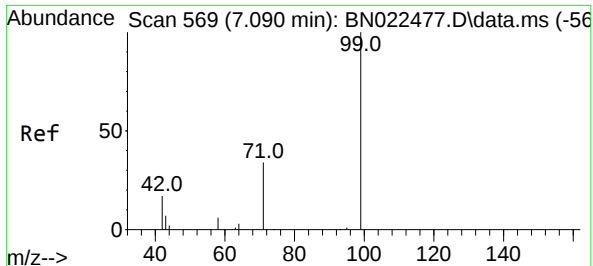
Tgt Ion:152 Resp: 2832
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.4 185.2
 115 66.9 54.9 82.3



#4
 2-Fluorophenol
 Concen: 0.013 ng
 RT: 5.436 min Scan# 340
 Delta R.T. -0.014 min
 Lab File: BN022514.D
 Acq: 04 Nov 2022 19:00

Tgt Ion:112 Resp: 106
 Ion Ratio Lower Upper
 112 100
 64 0.0 47.1 70.7#
 63 0.0 24.6 36.8#

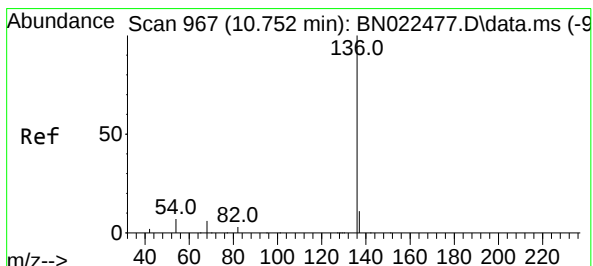
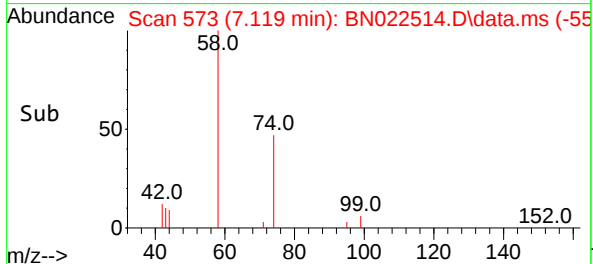
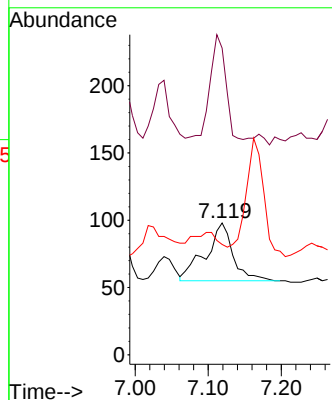
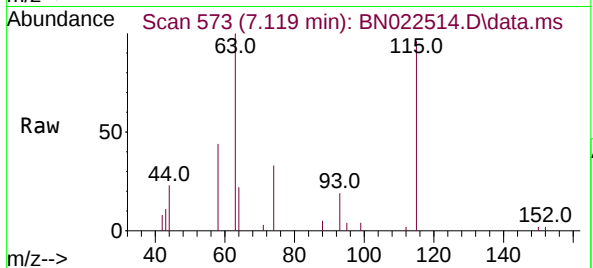




#5
Phenol-d6
Concen: 0.011 ng
RT: 7.119 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

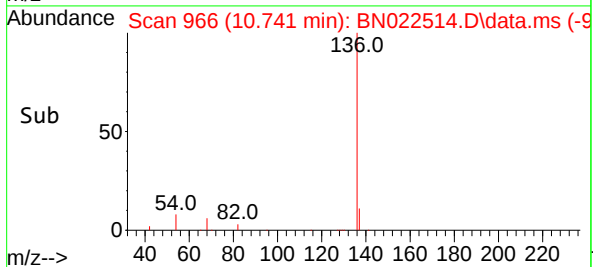
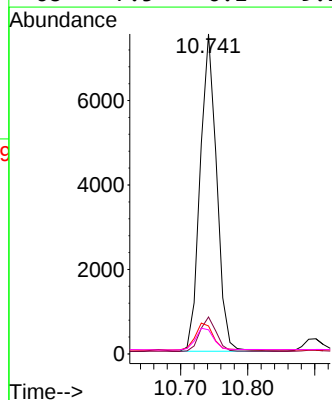
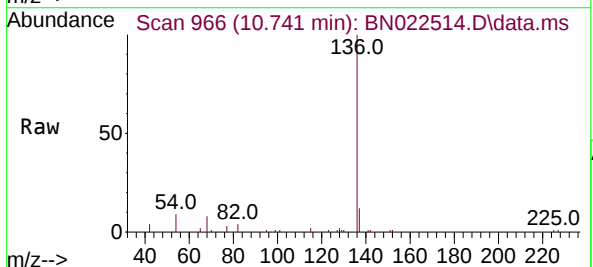
Instrument :
BNA_N
ClientSampleId :
MW3DL

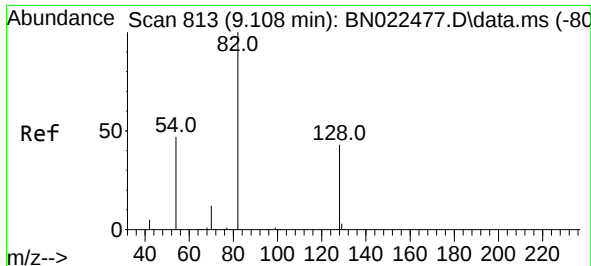
Tgt Ion: 99 Resp: 112
Ion Ratio Lower Upper
99 100
42 108.9 14.7 22.1#
71 0.0 27.0 40.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.741 min Scan# 966
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion: 136 Resp: 12844
Ion Ratio Lower Upper
136 100
137 11.5 9.5 14.3
54 8.7 7.1 10.7
68 7.5 6.1 9.1

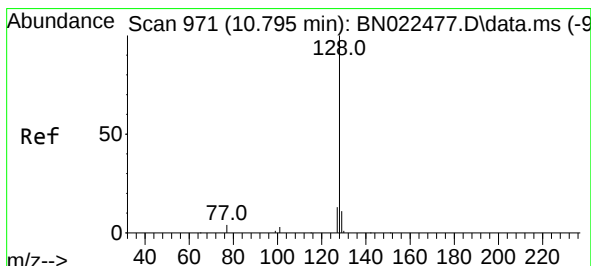
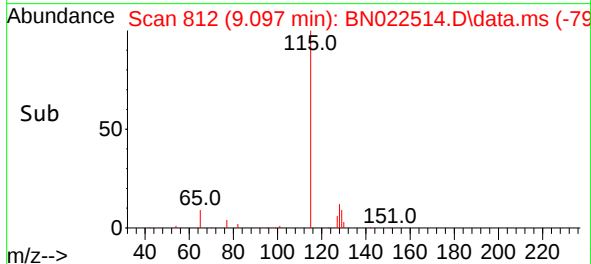
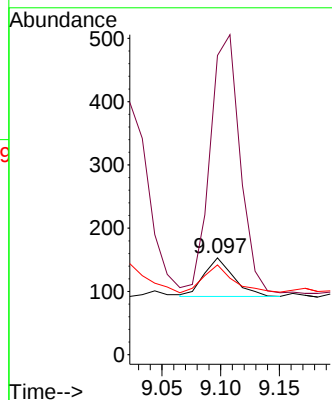
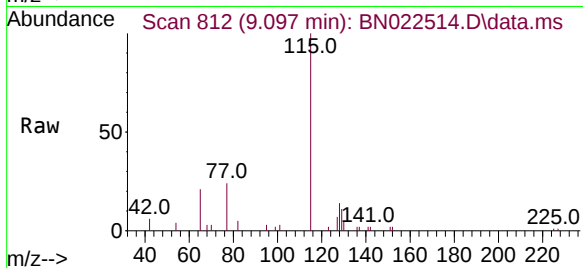




#8
Nitrobenzene-d5
Concen: 0.009 ng
RT: 9.097 min Scan# 813
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

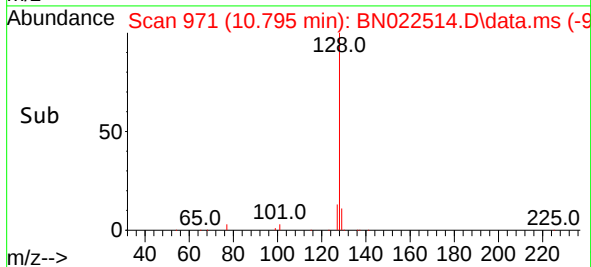
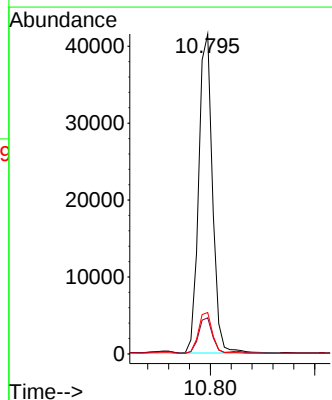
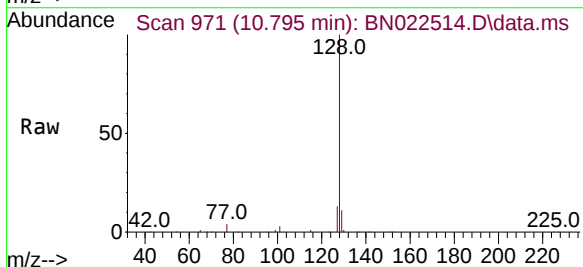
Instrument :
BNA_N
ClientSampleId :
MW3DL

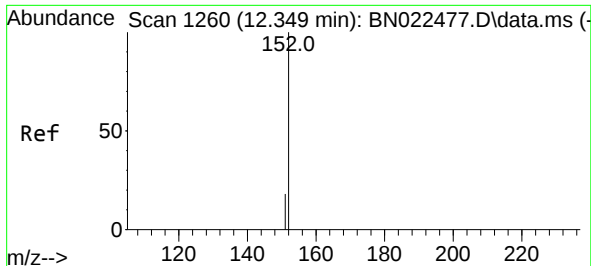
Tgt Ion: 82 Resp: 107
Ion Ratio Lower Upper
82 100
128 309.2 37.3 55.9#
54 92.8 40.0 60.0#



#9
Naphthalene
Concen: 1.950 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion: 128 Resp: 75873
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.6
127 12.9 11.4 17.2

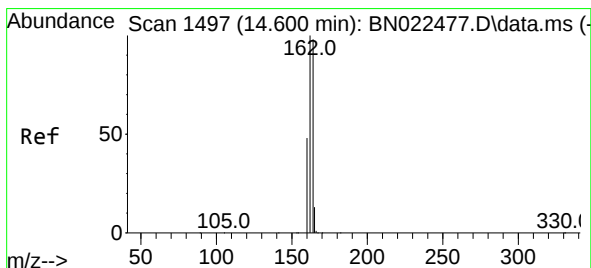
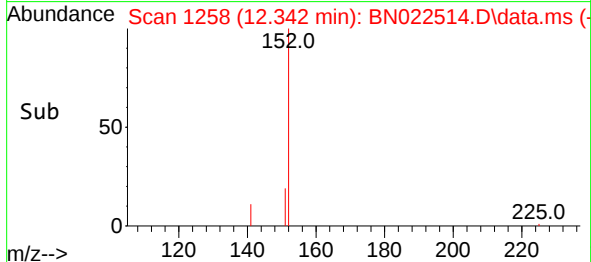
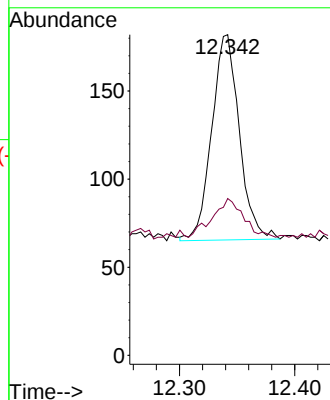
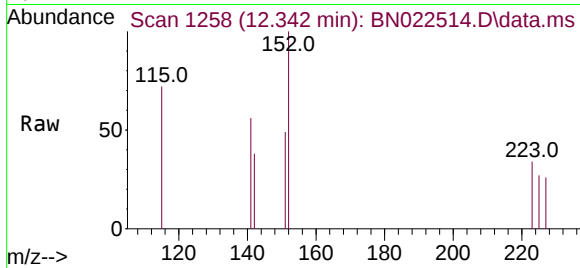




#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.342 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

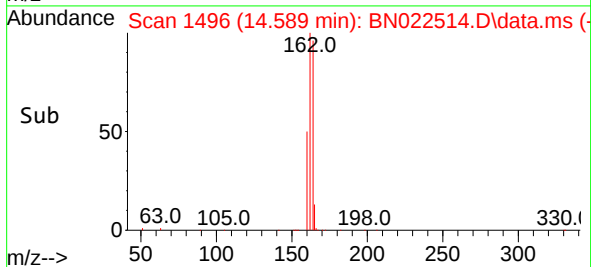
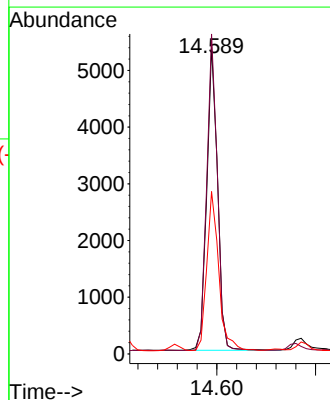
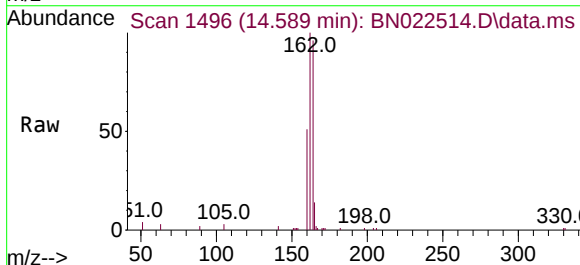
Instrument :
BNA_N
ClientSampleId :
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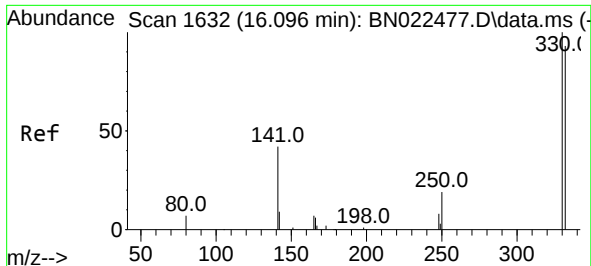
Tgt Ion:152 Resp: 193
Ion Ratio Lower Upper
152 100
151 22.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.589 min Scan# 1496
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:164 Resp: 8121
Ion Ratio Lower Upper
164 100
162 104.1 82.0 123.0
160 52.8 39.4 59.2

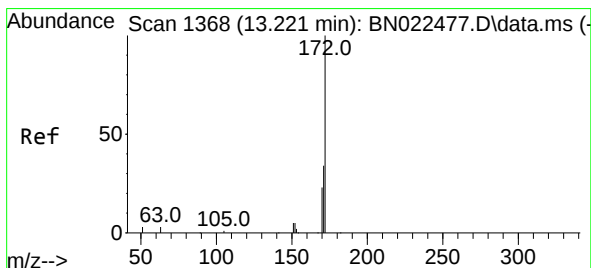
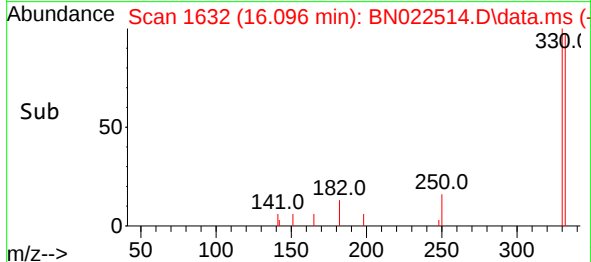
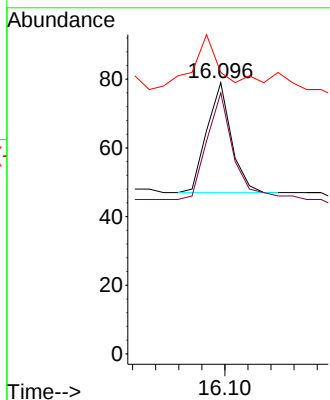
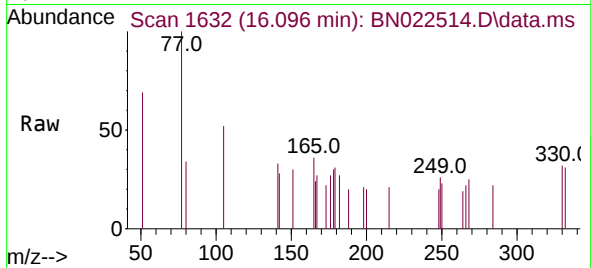




#14
2,4,6-Tribromophenol
Concen: 0.011 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

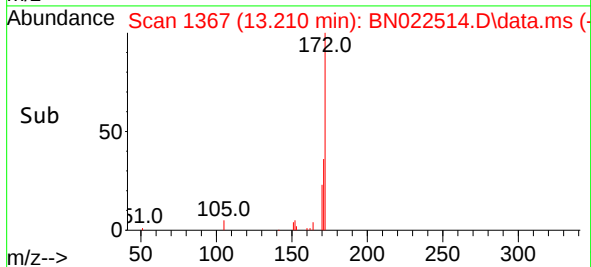
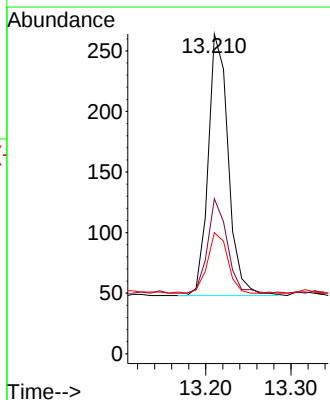
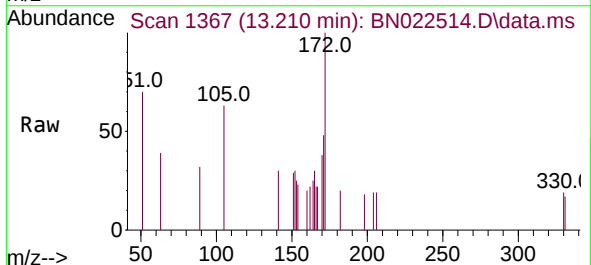
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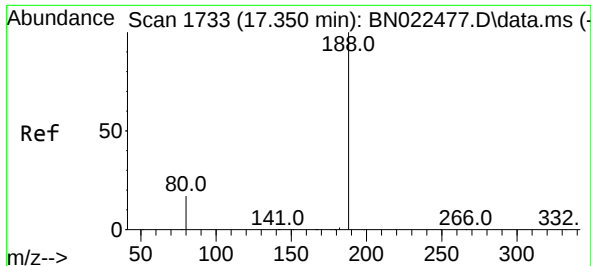
Tgt Ion: 330 Resp: 47
Ion Ratio Lower Upper
330 100
332 106.4 77.8 116.8
141 53.2 35.0 52.6#



#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 13.210 min Scan# 1367
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion: 172 Resp: 353
Ion Ratio Lower Upper
172 100
171 48.5 27.9 41.9#
170 37.9 19.2 28.8#

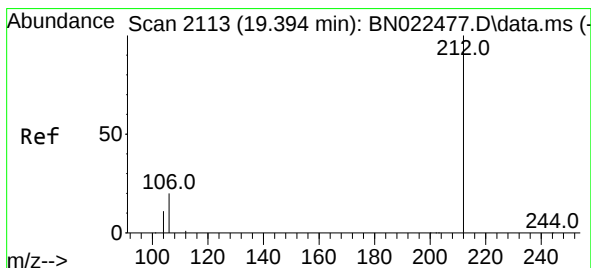
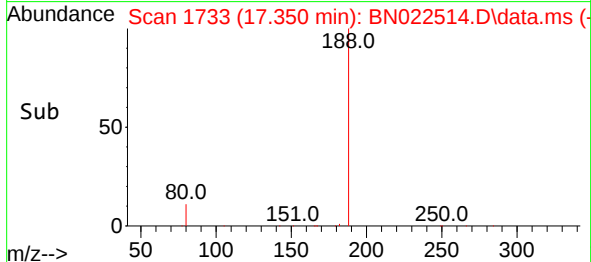
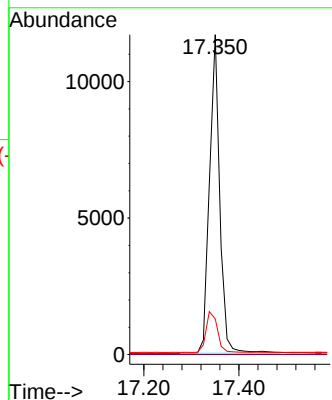
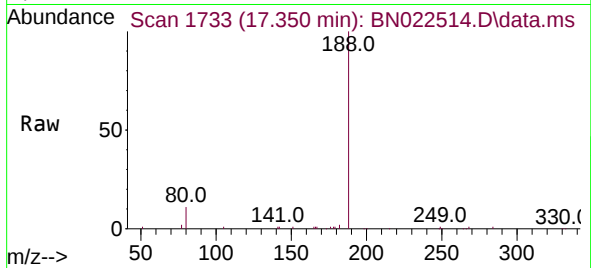




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

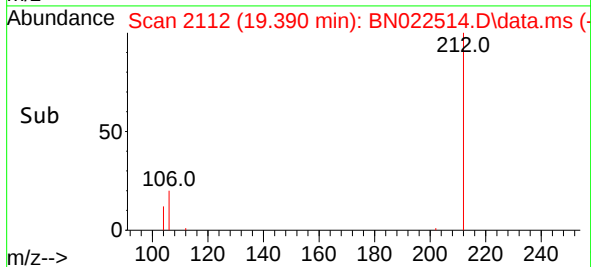
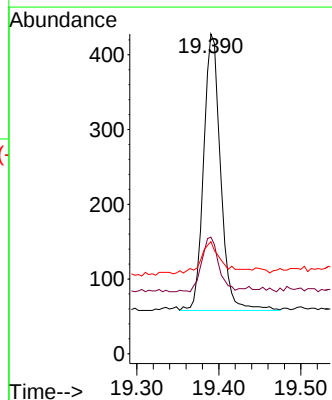
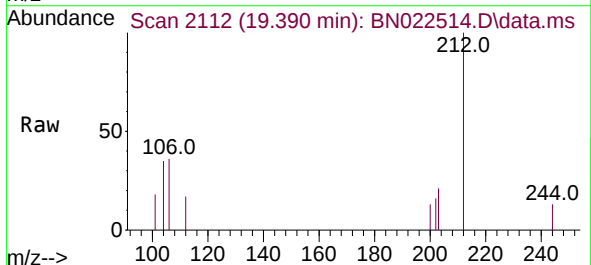
Instrument :
BNA_N
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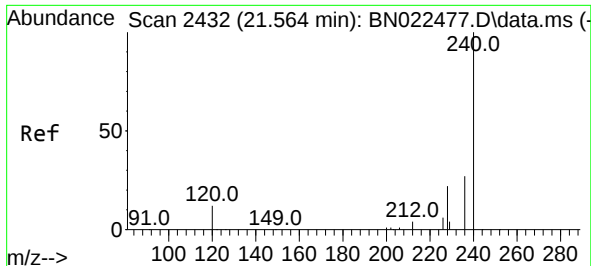
Tgt Ion:188 Resp: 17413
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 14.6 21.8#



#27
Fluoranthene-d10
Concen: 0.011 ng
RT: 19.390 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:212 Resp: 532
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 13.2 8.6 12.8#

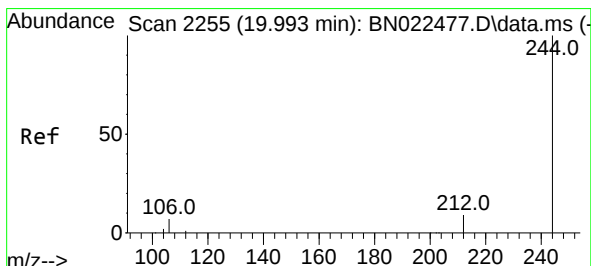
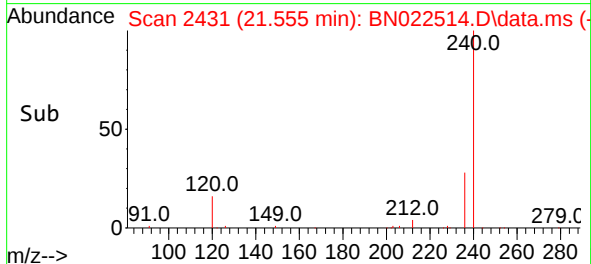
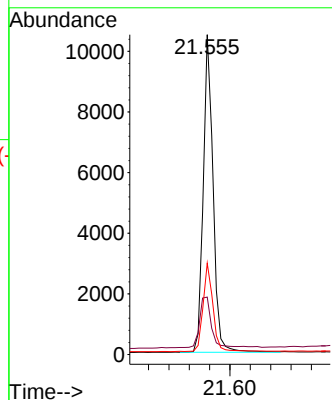
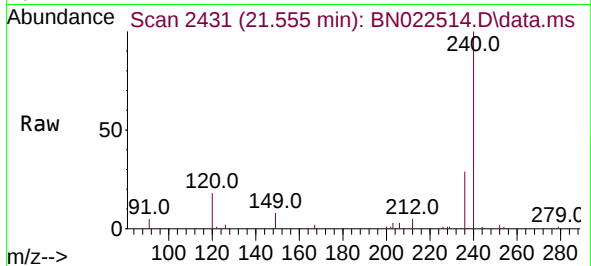




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

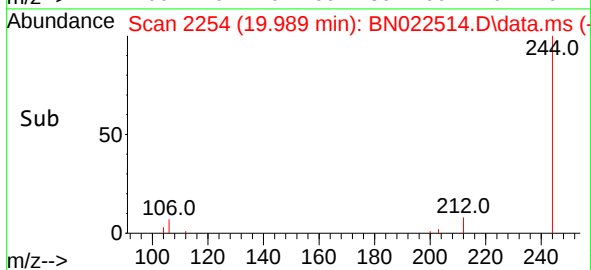
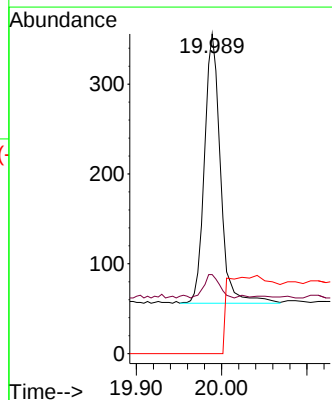
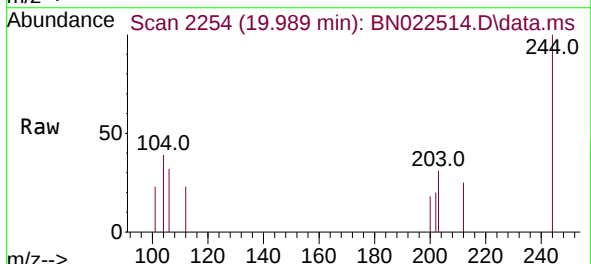
Instrument :
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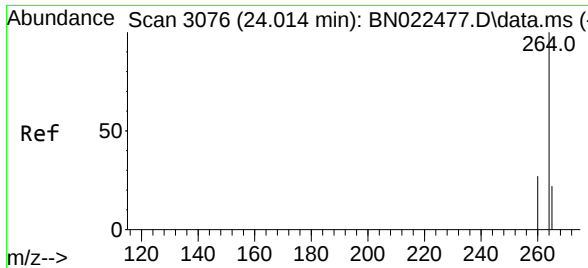
Tgt Ion:240 Resp: 14023
Ion Ratio Lower Upper
240 100
120 18.0 12.4 18.6
236 28.6 22.7 34.1



#31
Terphenyl-d14
Concen: 0.012 ng
RT: 19.989 min Scan# 2254
Delta R.T. -0.004 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

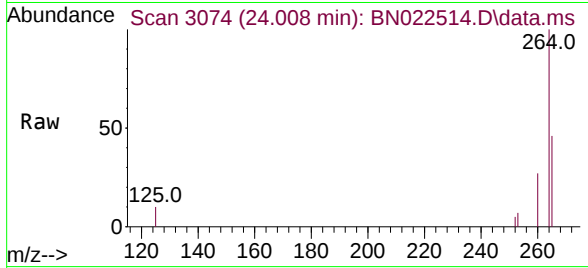
Tgt Ion:244 Resp: 523
Ion Ratio Lower Upper
244 100
212 24.7 7.8 11.8#
122 0.0 0.0 0.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.008 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Instrument :
BNA_N
ClientSampleId :
MW3DL



Tgt Ion:264 Resp: 13749

Ion	Ratio	Lower	Upper
264	100		
260	26.5	22.4	33.6
265	46.2	44.4	66.6

