

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
 Data File : BN022606.D
 Acq On : 11 Nov 2022 10:21
 Operator : CG/JU
 Sample : PB148932BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148932BL

Quant Time: Nov 11 22:14:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 23:28:29 2022
 Response via : Initial Calibration

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

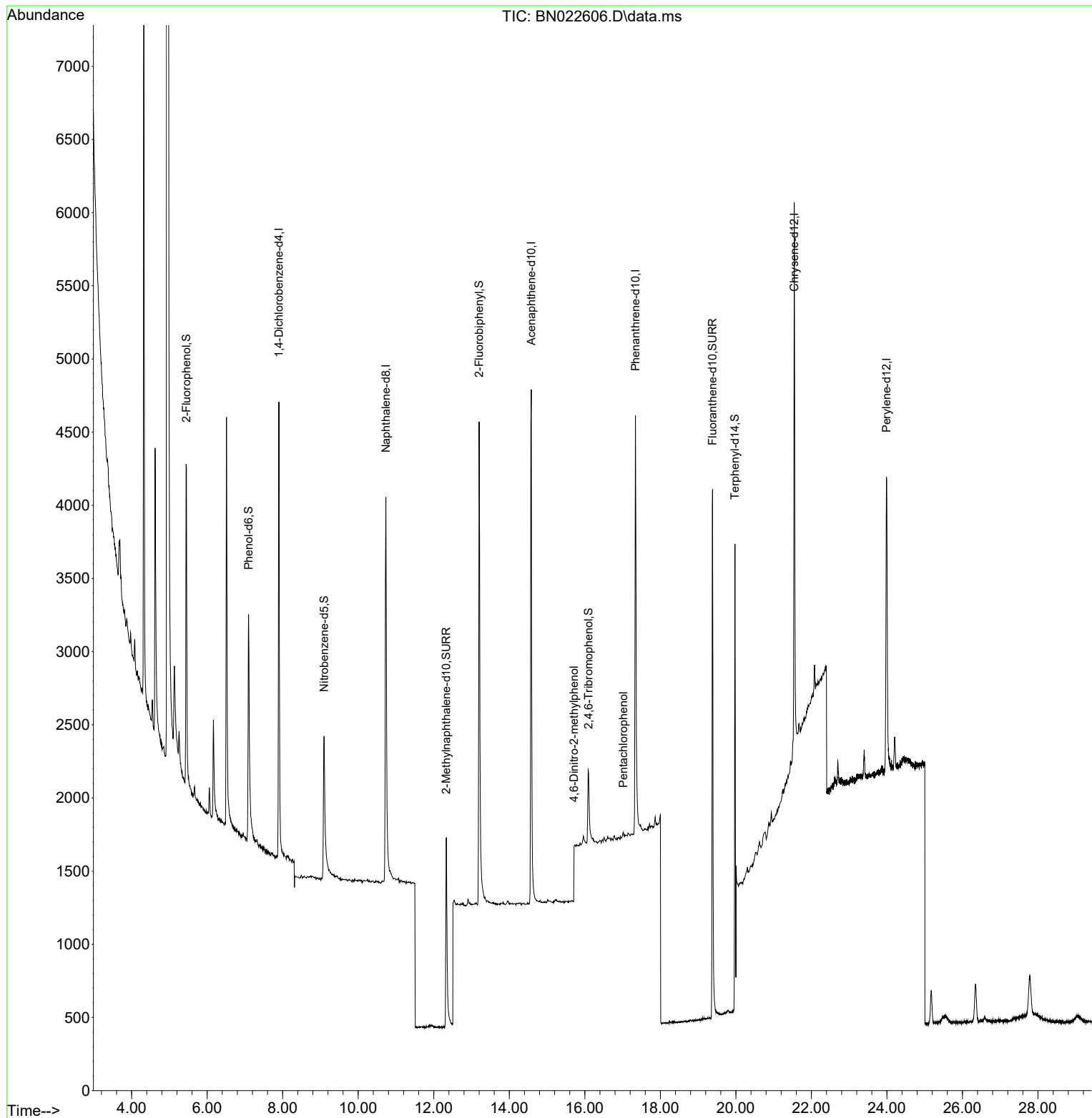
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	1747	0.400	ng	0.00
7) Naphthalene-d8	10.731	136	4841	0.400	ng	0.01
13) Acenaphthene-d10	14.582	164	2628	0.400	ng	0.01
19) Phenanthrene-d10	17.341	188	5036	0.400	ng	0.02
29) Chrysene-d12	21.546	240	4043	0.400	ng	0.00
35) Perylene-d12	23.987	264	3439	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.450	112	2043	0.404	ng	0.00
5) Phenol-d6	7.097	99	2293	0.363	ng	0.00
8) Nitrobenzene-d5	9.097	82	1550	0.337	ng	0.02
11) 2-Methylnaphthalene-d10	12.330	152	2630	0.333	ng	0.01
14) 2,4,6-Tribromophenol	16.100	330	457	0.360	ng	0.03
15) 2-Fluorobiphenyl	13.203	172	3830	0.358	ng	0.00
27) Fluoranthene-d10	19.381	212	4886	0.352	ng	0.00
31) Terphenyl-d14	19.976	244	5254	0.419	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.715	198	2	0.271	ng	# 24
24) Pentachlorophenol	17.019	266	34	0.026	ng	# 85

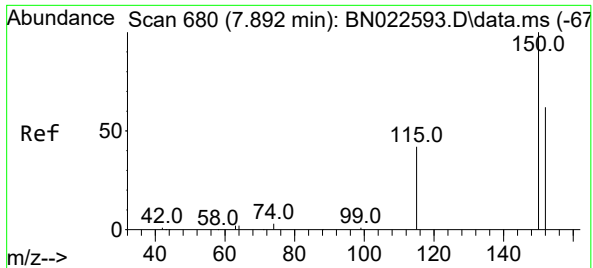
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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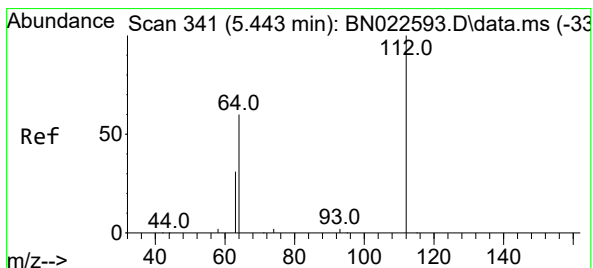
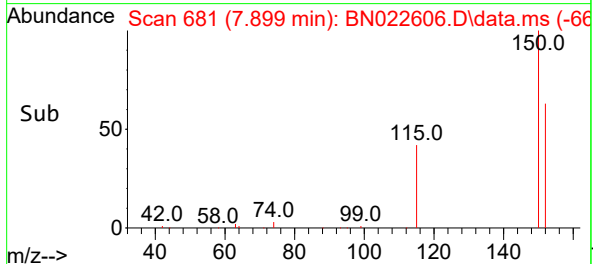
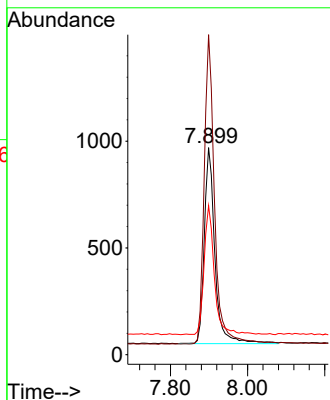
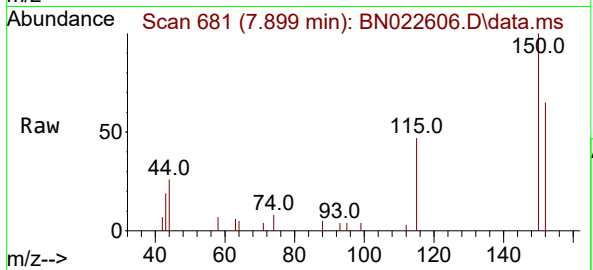




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.899 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN022606.D
 Acq: 11 Nov 2022 10:21

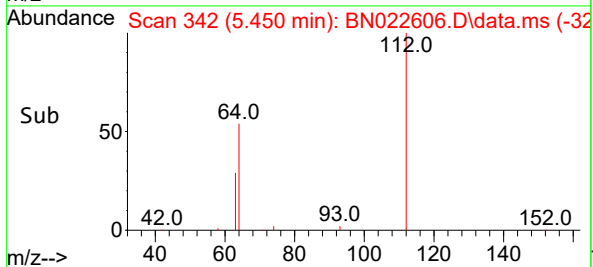
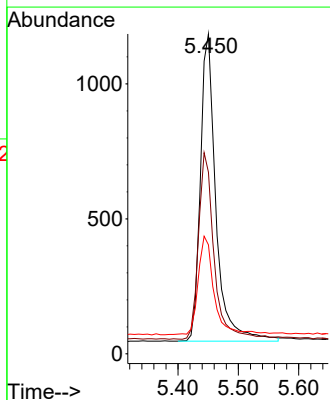
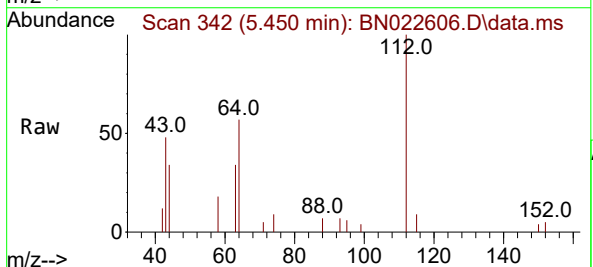
Instrument :
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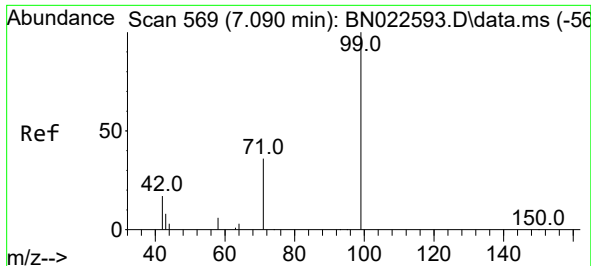
Tgt Ion:152 Resp: 1747
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.4 189.6
 115 72.0 57.8 86.6



#4
 2-Fluorophenol
 Concen: 0.404 ng
 RT: 5.450 min Scan# 342
 Delta R.T. 0.007 min
 Lab File: BN022606.D
 Acq: 11 Nov 2022 10:21

Tgt Ion:112 Resp: 2043
 Ion Ratio Lower Upper
 112 100
 64 60.6 48.6 73.0
 63 33.1 25.5 38.3

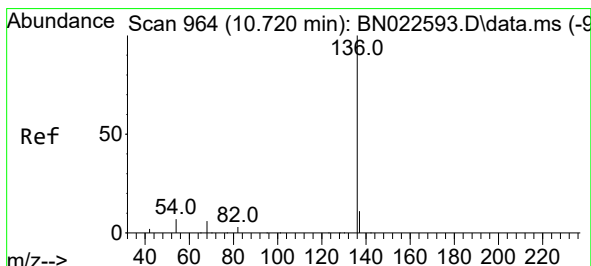
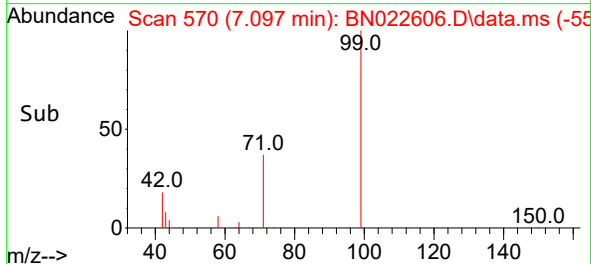
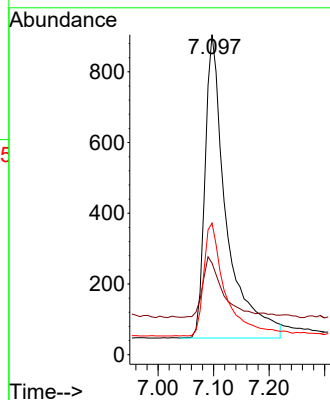
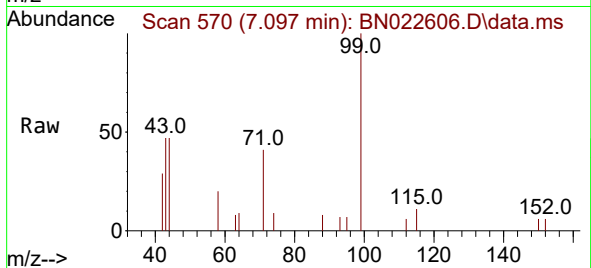




#5
Phenol-d6
Concen: 0.363 ng
RT: 7.097 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

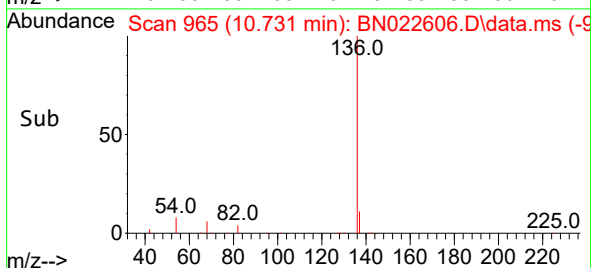
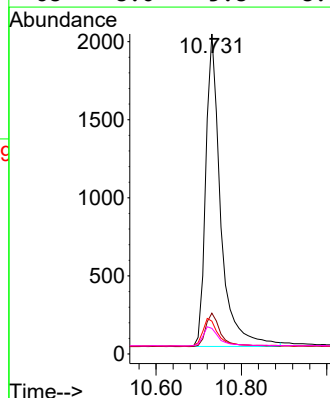
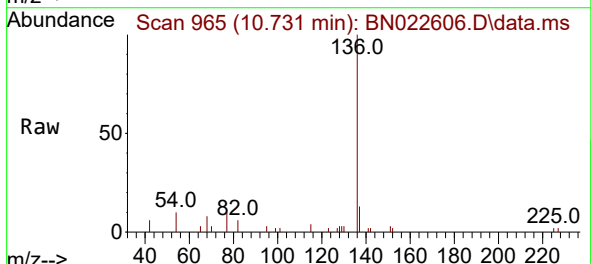
Instrument :
BNA_N
ClientSampleId :
PB148932BL

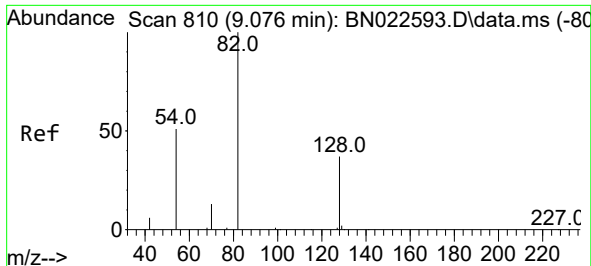
Tgt Ion: 99 Resp: 2293
Ion Ratio Lower Upper
99 100
42 19.2 16.0 24.0
71 37.6 30.1 45.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.731 min Scan# 965
Delta R.T. 0.010 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

Tgt Ion: 136 Resp: 4841
Ion Ratio Lower Upper
136 100
137 12.8 9.4 14.2
54 10.2 7.1 10.7
68 8.0 5.8 8.6

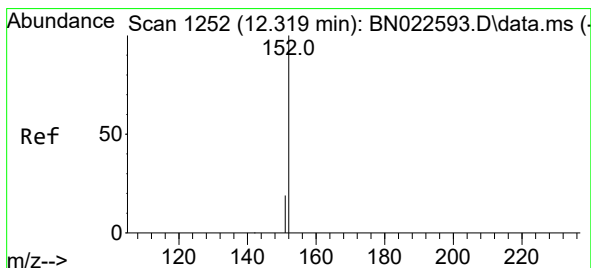
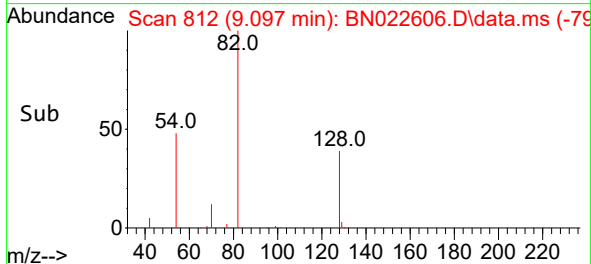
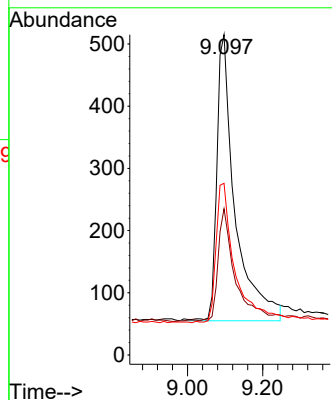
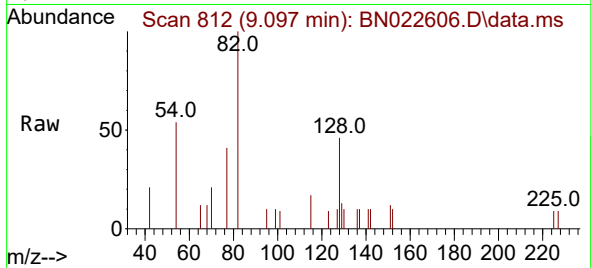




#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.097 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

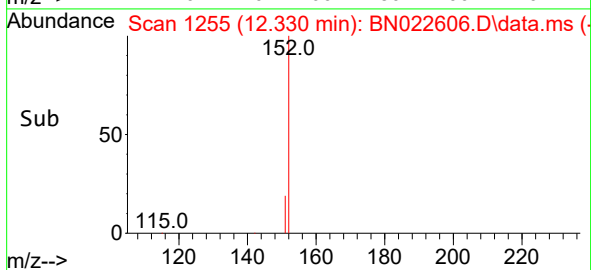
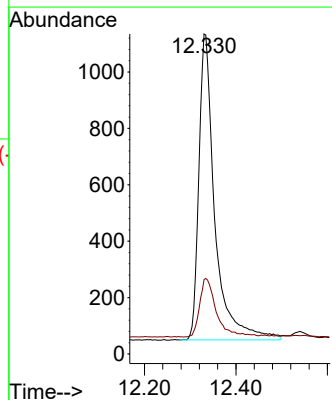
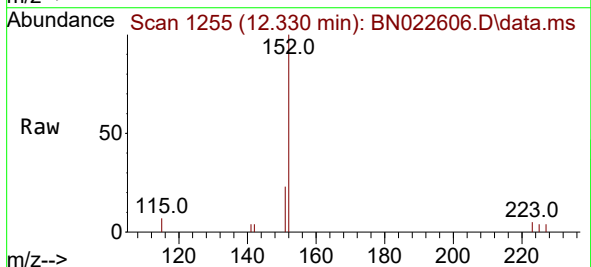
Instrument :
BNA_N
ClientSampleId :
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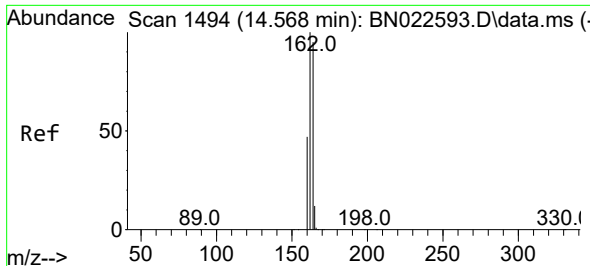
Tgt Ion: 82 Resp: 1550
Ion Ratio Lower Upper
82 100
128 45.6 32.0 48.0
54 53.6 42.3 63.5



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.330 min Scan# 1255
Delta R.T. 0.011 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

Tgt Ion:152 Resp: 2630
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5

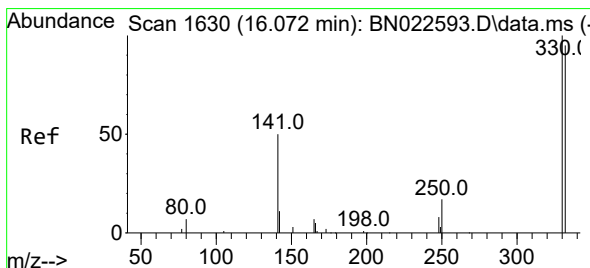
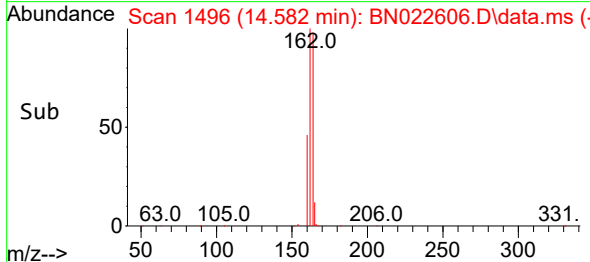
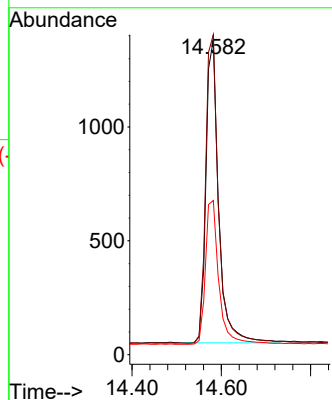
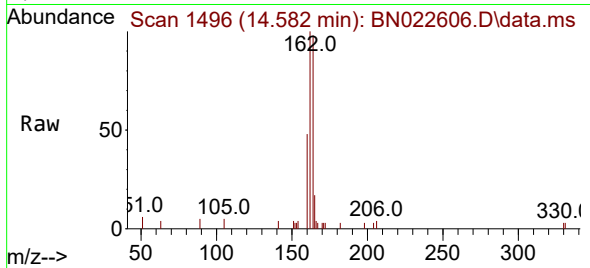




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.582 min Scan# 1496
Delta R.T. 0.014 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

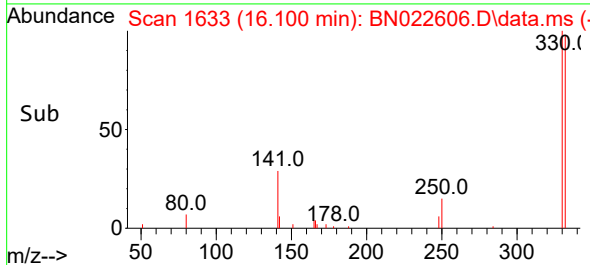
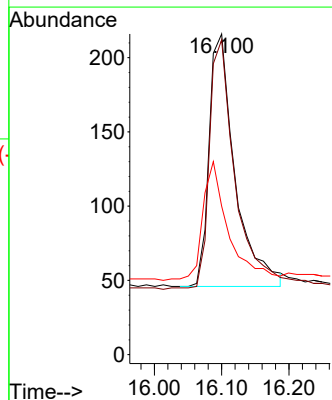
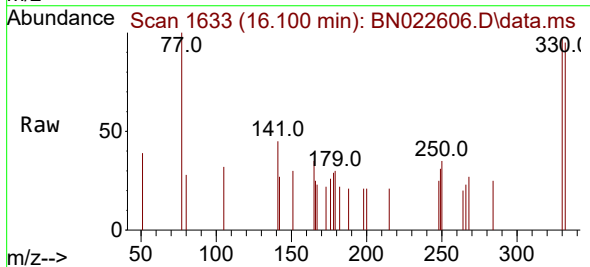
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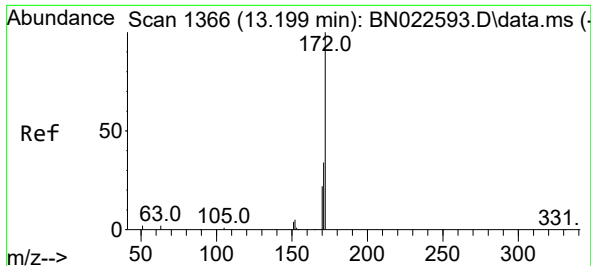
Tgt Ion:164 Resp: 2628
Ion Ratio Lower Upper
164 100
162 101.7 84.3 126.5
160 49.0 40.6 60.8



#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.100 min Scan# 1633
Delta R.T. 0.028 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

Tgt Ion:330 Resp: 457
Ion Ratio Lower Upper
330 100
332 98.7 77.5 116.3
141 46.2 33.3 49.9

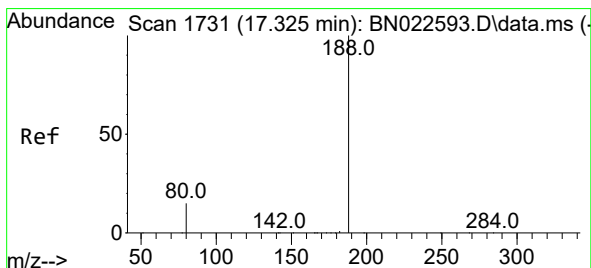
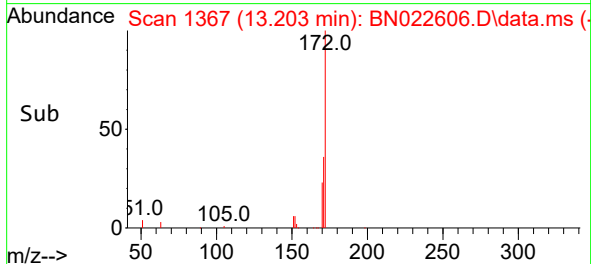
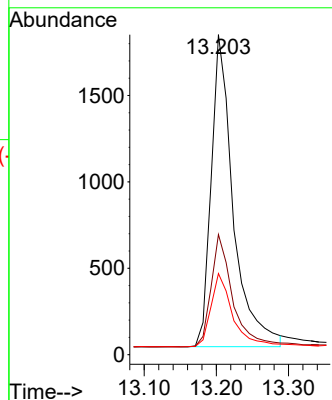
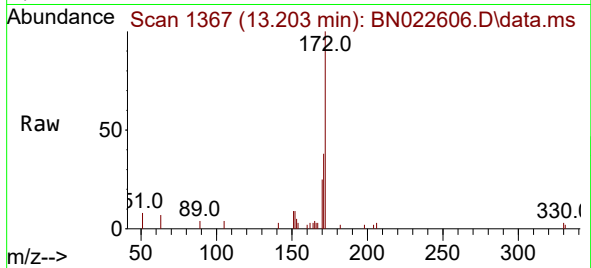




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.203 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

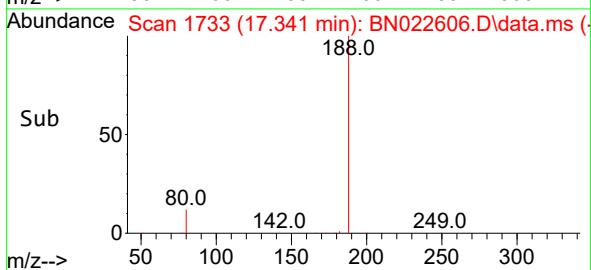
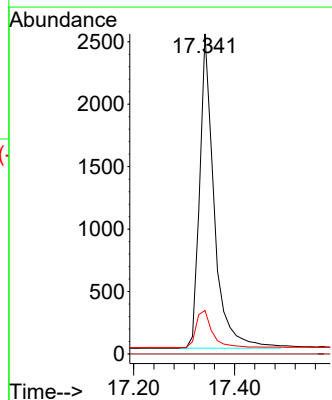
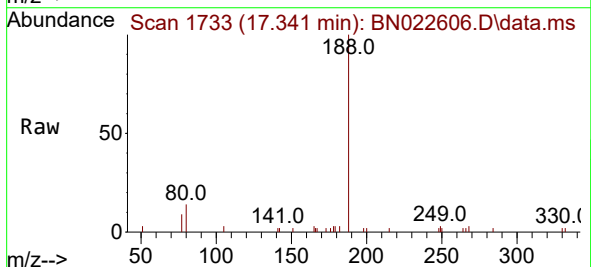
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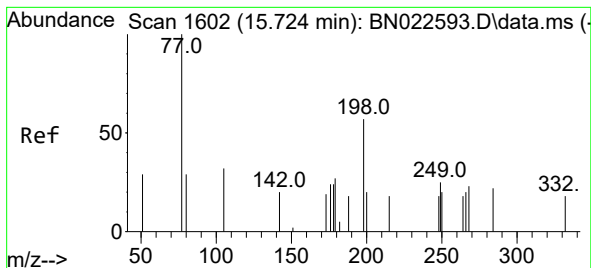
Tgt Ion:172 Resp: 3830
Ion Ratio Lower Upper
172 100
171 37.5 28.0 42.0
170 25.3 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.341 min Scan# 1733
Delta R.T. 0.016 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

Tgt Ion:188 Resp: 5036
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 13.1 19.7

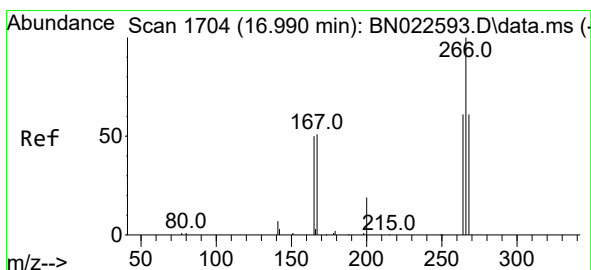
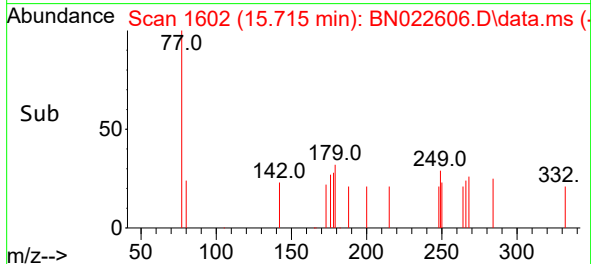
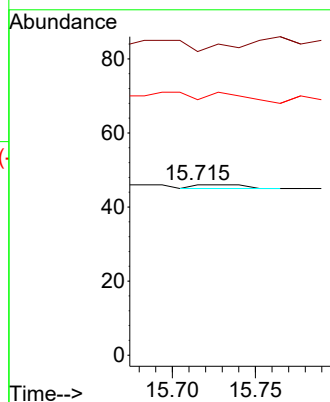
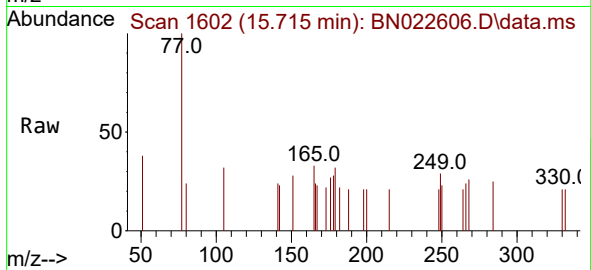




#20
4,6-Dinitro-2-methylphenol
Concen: 0.271 ng
RT: 15.715 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

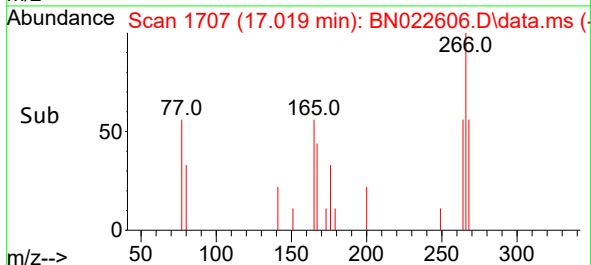
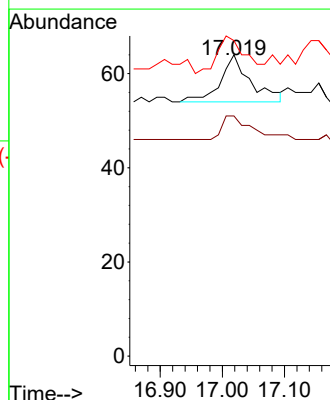
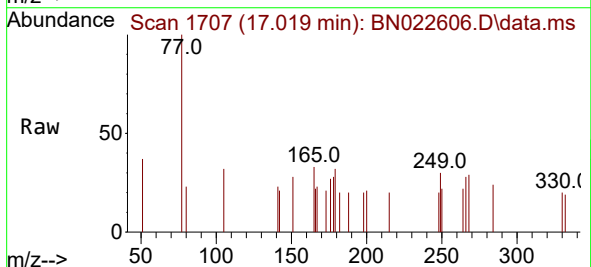
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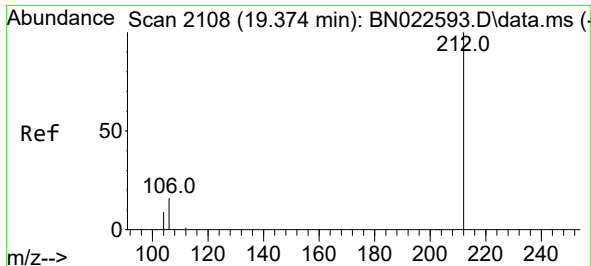
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 178.3 78.7 118.1#
105 150.0 68.5 102.7#



#24
Pentachlorophenol
Concen: 0.026 ng
RT: 17.019 min Scan# 1707
Delta R.T. 0.029 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 50.0 47.3 70.9
268 73.5 48.0 72.0#

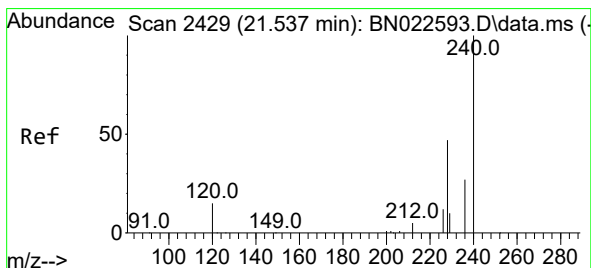
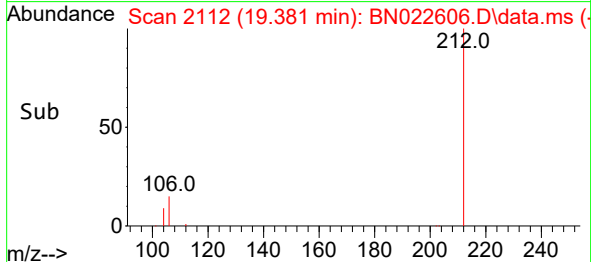
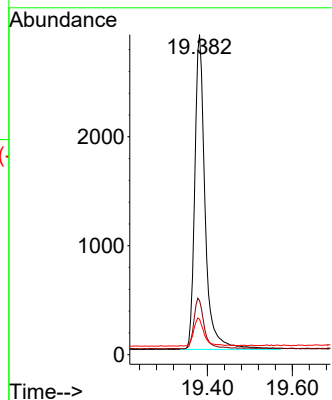
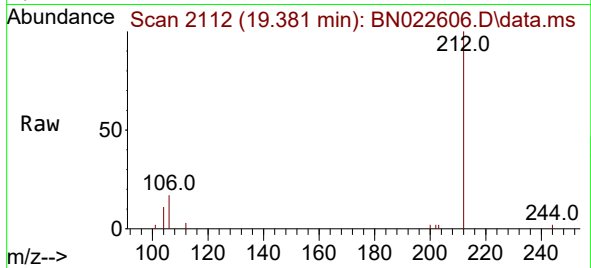




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.381 min Scan# 2108
Delta R.T. 0.008 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

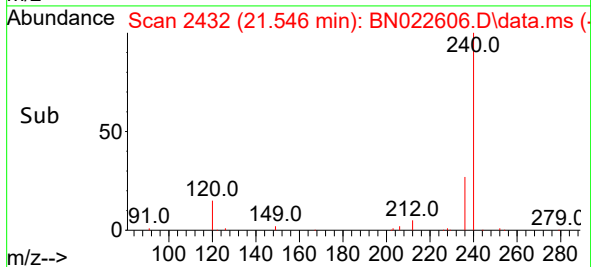
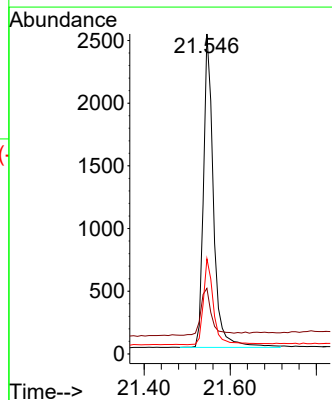
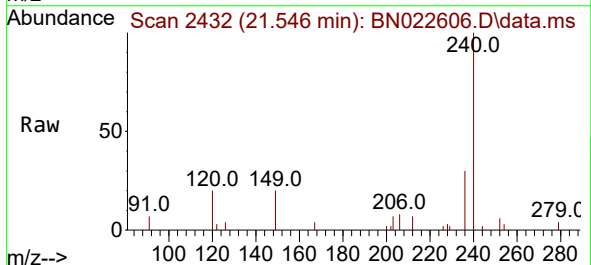
Instrument :
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PB148932BL

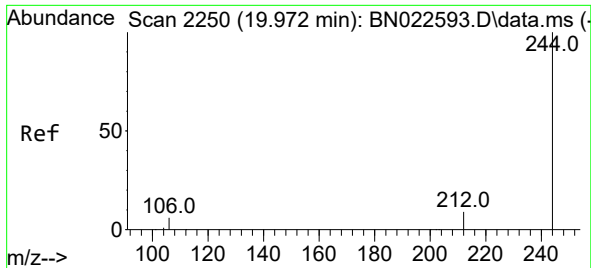
Tgt Ion:212 Resp: 4886
Ion Ratio Lower Upper
212 100
106 16.2 13.0 19.6
104 8.8 7.4 11.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 2432
Delta R.T. 0.009 min
Lab File: BN022606.D
Acq: 11 Nov 2022 10:21

Tgt Ion:240 Resp: 4043
Ion Ratio Lower Upper
240 100
120 20.5 15.0 22.4
236 29.7 23.1 34.7

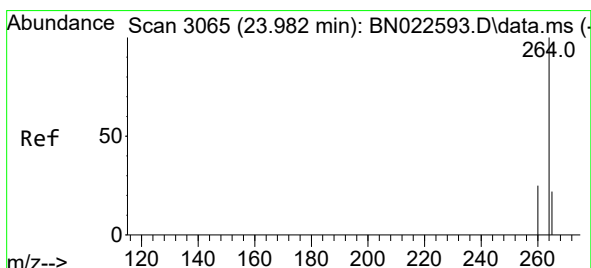
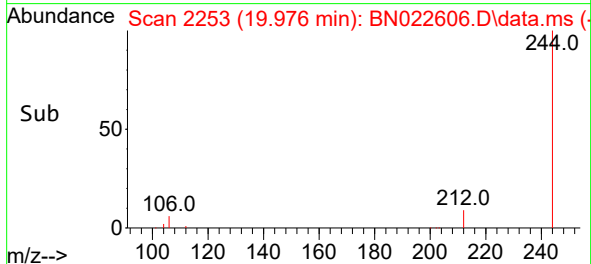
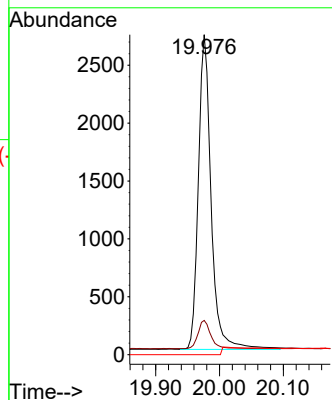
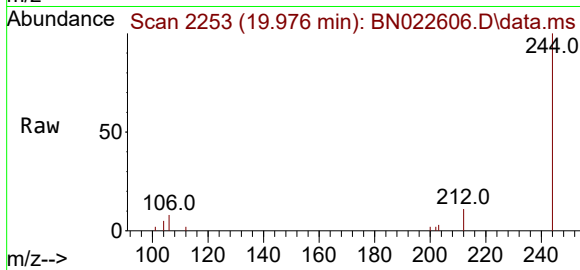




#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.976 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN022606.D
 Acq: 11 Nov 2022 10:21

Instrument :
 BNA_N
 ClientSampleId :
 PB148932BL

Tgt Ion:244 Resp: 5254
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.0 12.0
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.987 min Scan# 3069
 Delta R.T. 0.005 min
 Lab File: BN022606.D
 Acq: 11 Nov 2022 10:21

Tgt Ion:264 Resp: 3439
 Ion Ratio Lower Upper
 264 100
 260 28.1 21.2 31.8
 265 106.3 57.5 86.3#

