

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
 Data File : BN022446.D
 Acq On : 01 Nov 2022 23:35
 Operator : CG/JU
 Sample : PB148793BL
 Misc :
 ALS Vial : 54 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 PB148793BL

Quant Time: Nov 02 06:04:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	175905	20.000	ng	0.00
7) Naphthalene-d8	10.752	136	591852	20.000	ng	# 0.00
13) Acenaphthene-d10	14.589	164	307968	20.000	ng	0.00
19) Phenanthrene-d10	17.350	188	533506	20.000	ng	# 0.00
29) Chrysene-d12	21.546	240	300087	20.000	ng	0.00
35) Perylene-d12	23.996	264	260470	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	1544462	164.746	ng	0.00
5) Phenol-d6	7.090	99	2095201	178.367	ng	0.00
8) Nitrobenzene-d5	9.097	82	1051274	102.696	ng	-0.01
11) 2-Methylnaphthalene-d10	12.357	152	21	0.001	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	473399	178.833	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	2151269	81.659	ng	0.00
27) Fluoranthene-d10	19.395	212	5	0.000	ng	0.00
31) Terphenyl-d14	19.985	244	1686145	107.851	ng	0.00

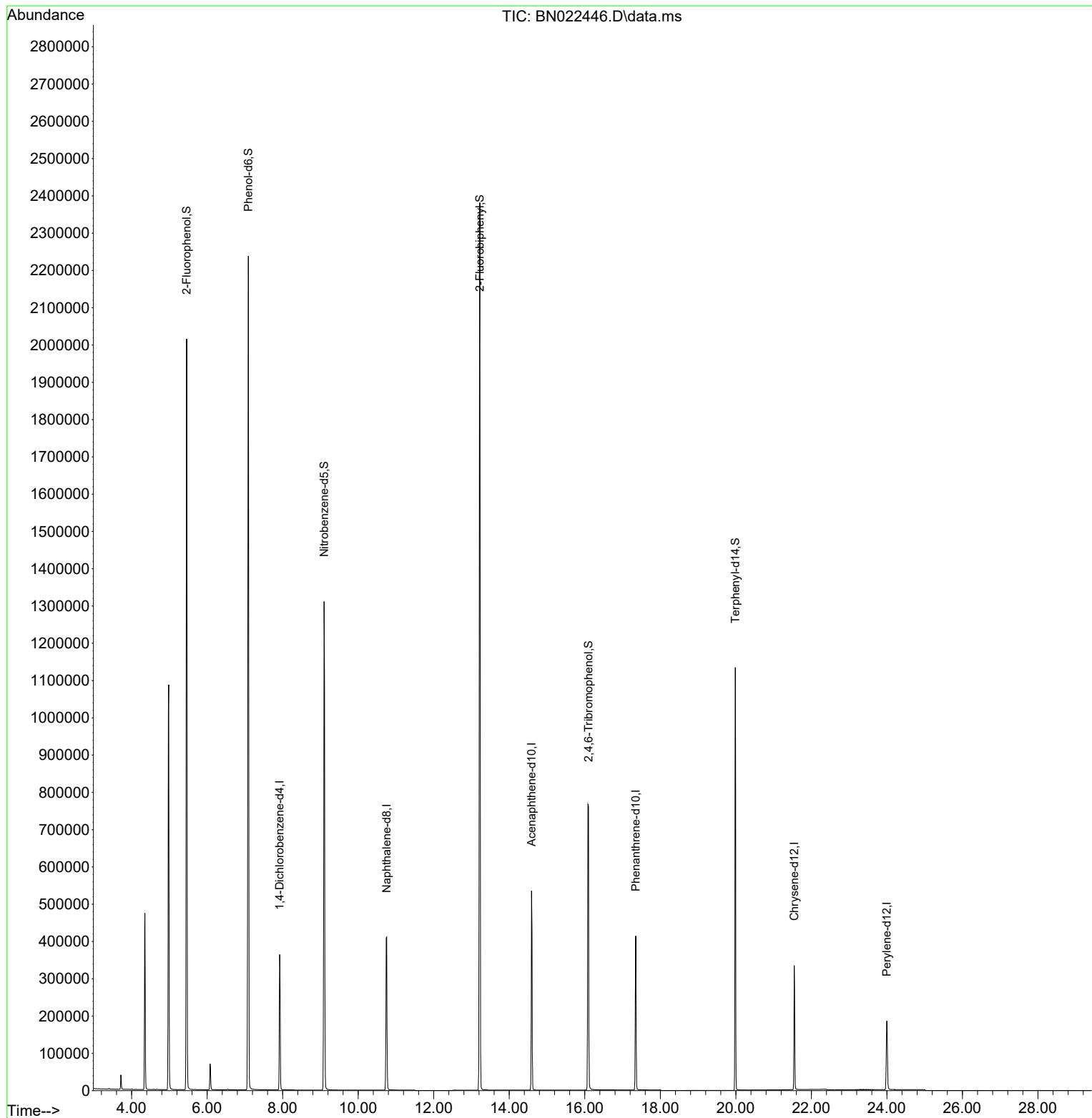
Target Compounds Qvalue

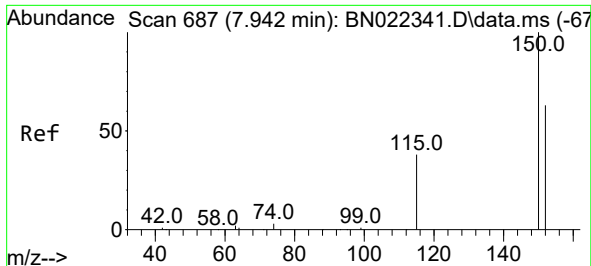
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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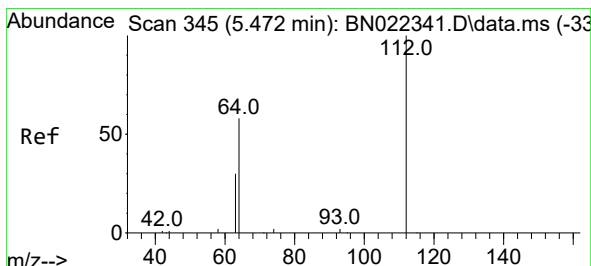
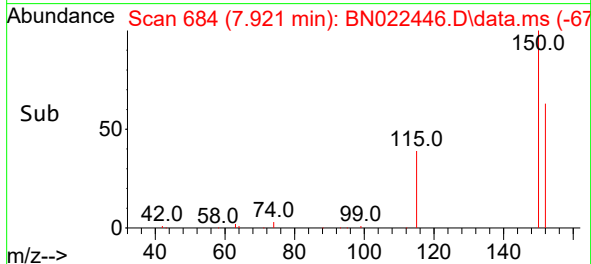
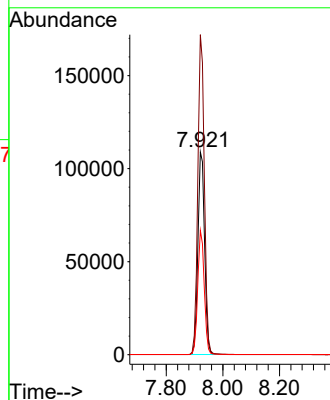
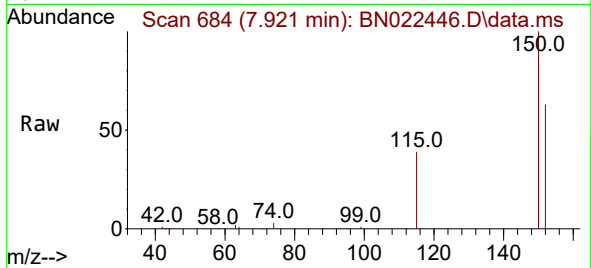




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

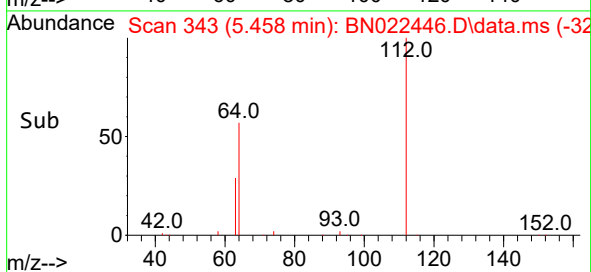
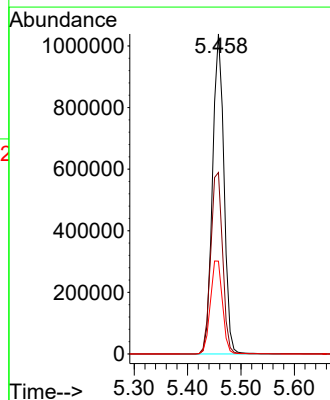
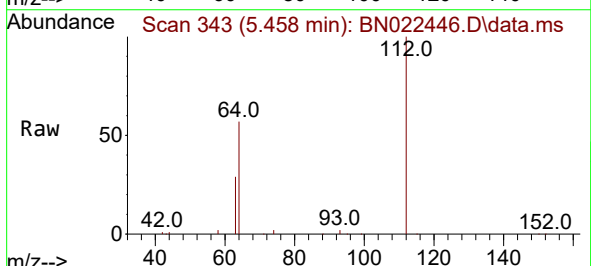
Instrument :
BNA_N
ClientSampleId :
PB148793BL

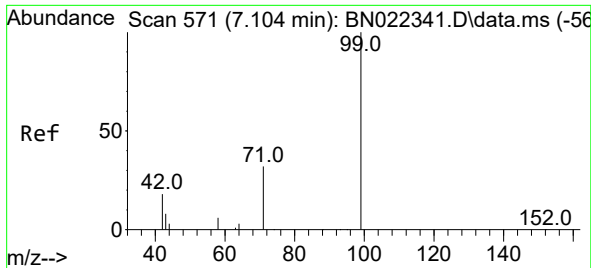
Tgt Ion:152 Resp: 175905
Ion Ratio Lower Upper
152 100
150 157.8 125.2 187.8
115 61.3 52.0 78.0



#4
2-Fluorophenol
Concen: 164.746 ng
RT: 5.458 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

Tgt Ion:112 Resp: 1544462
Ion Ratio Lower Upper
112 100
64 59.4 47.0 70.4
63 30.8 24.5 36.7

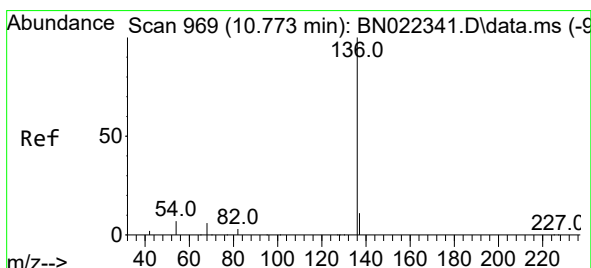
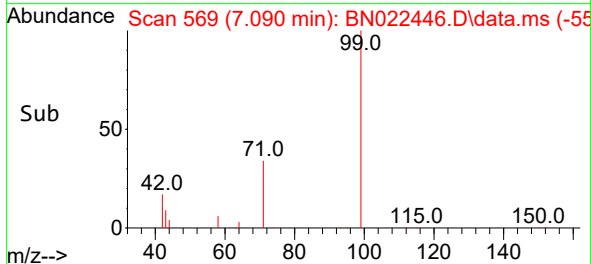
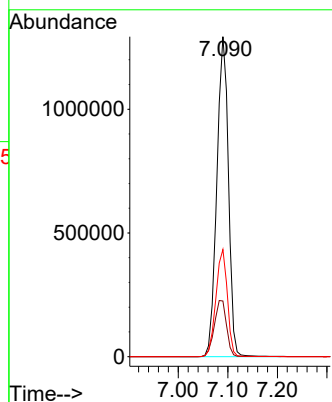
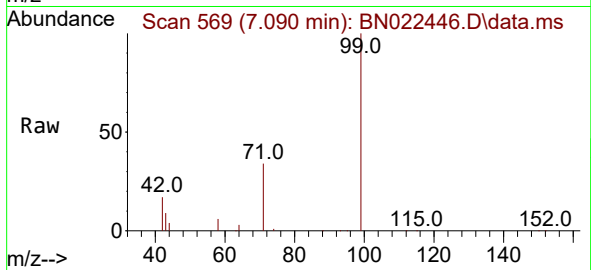




#5
Phenol-d6
Concen: 178.367 ng
RT: 7.090 min Scan# 501
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

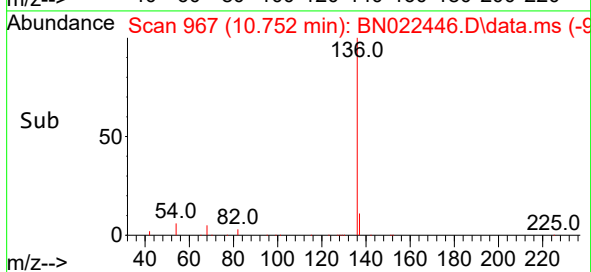
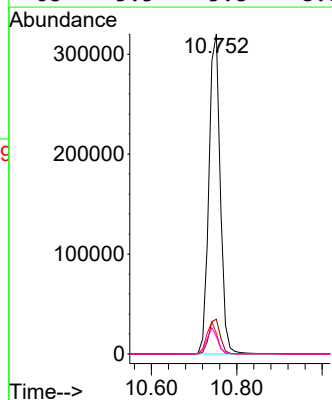
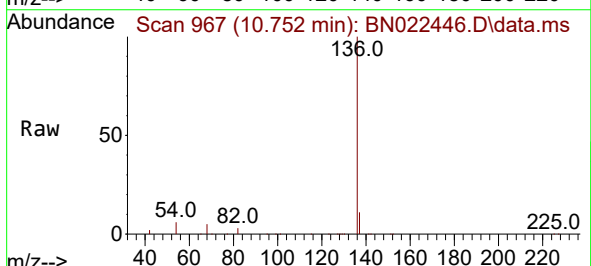
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BNA_N
ClientSampleId :
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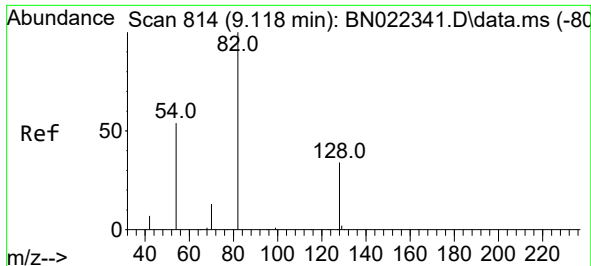
Tgt Ion: 99 Resp: 2095201
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 33.2 26.1 39.1



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

Tgt Ion:136 Resp: 591852
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 6.4 6.5 9.7#
68 5.5 5.8 8.8#

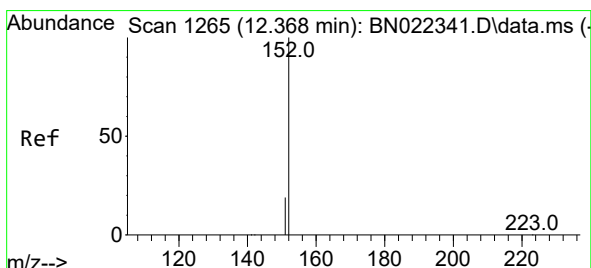
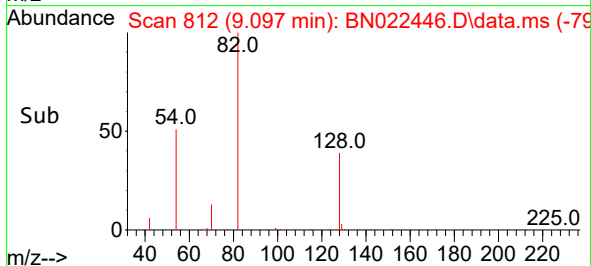
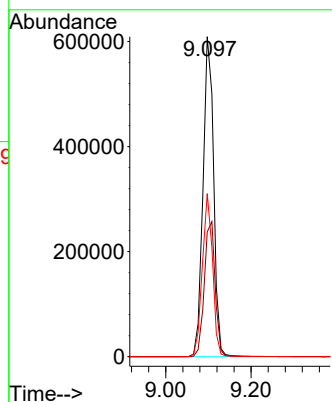
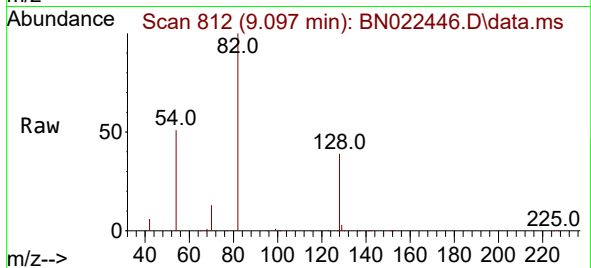




#8
Nitrobenzene-d5
Concen: 102.696 ng
RT: 9.097 min Scan# 814
Delta R.T. -0.011 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

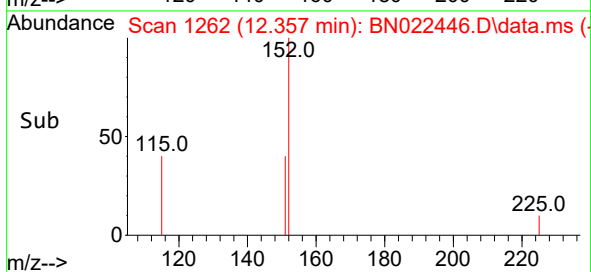
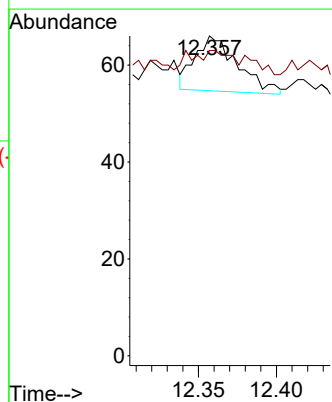
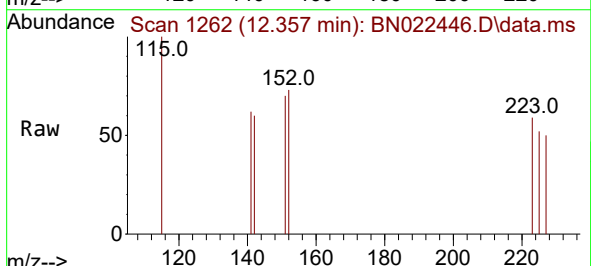
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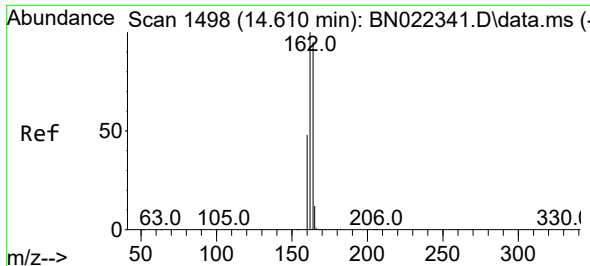
Tgt Ion: 82 Resp: 1051274
Ion Ratio Lower Upper
82 100
128 39.0 30.5 45.7
54 51.0 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.357 min Scan# 1262
Delta R.T. 0.008 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

Tgt Ion:152 Resp: 21
Ion Ratio Lower Upper
152 100
151 14.3 16.7 25.1#

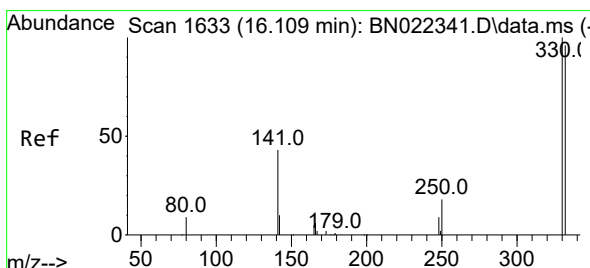
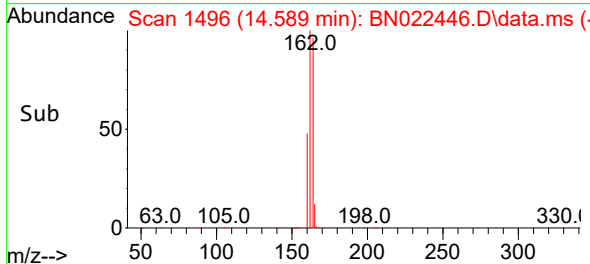
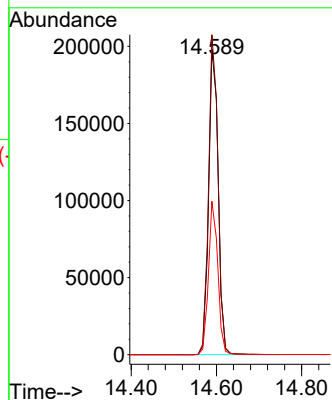
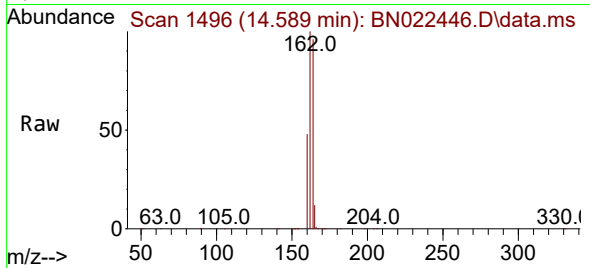




#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

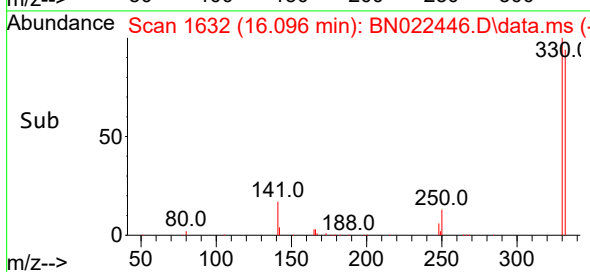
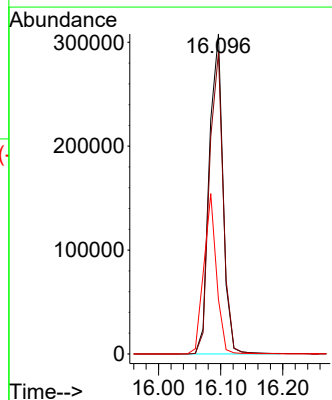
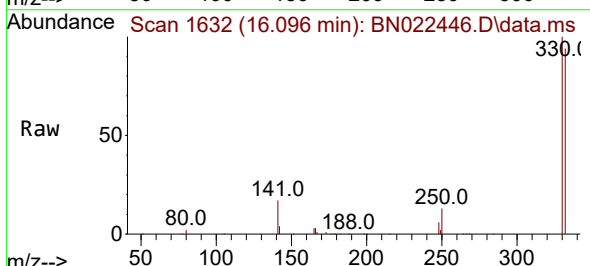
Instrument :
BNA_N
ClientSampleId :
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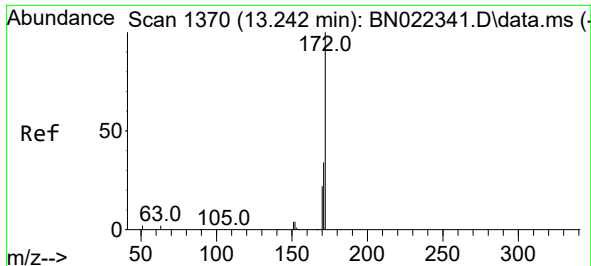
Tgt Ion:164 Resp: 307968
Ion Ratio Lower Upper
164 100
162 104.7 83.9 125.9
160 50.2 41.0 61.4



#14
2,4,6-Tribromophenol
Concen: 178.833 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

Tgt Ion:330 Resp: 473399
Ion Ratio Lower Upper
330 100
332 94.7 78.6 118.0
141 46.5 40.2 60.4

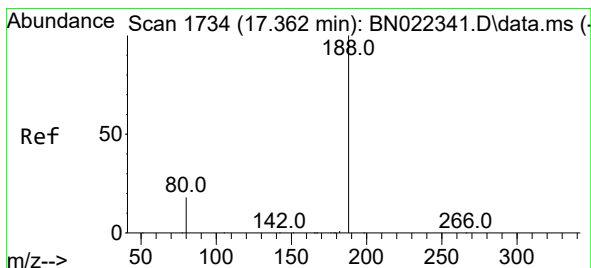
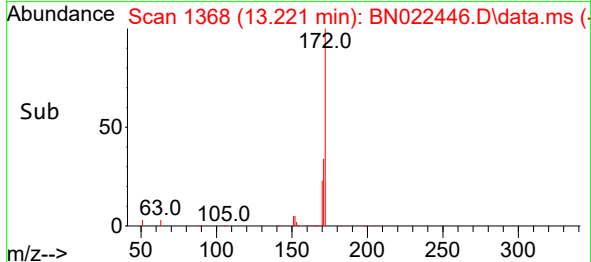
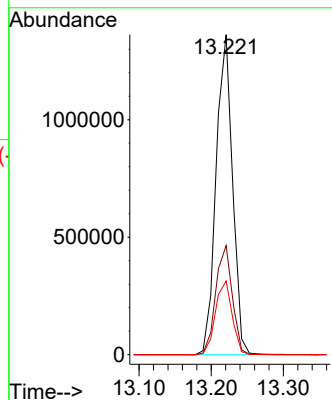
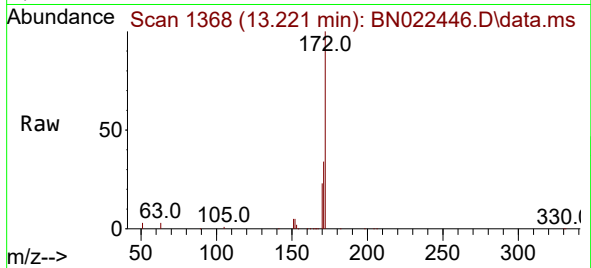




#15
2-Fluorobiphenyl
Concen: 81.659 ng
RT: 13.221 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

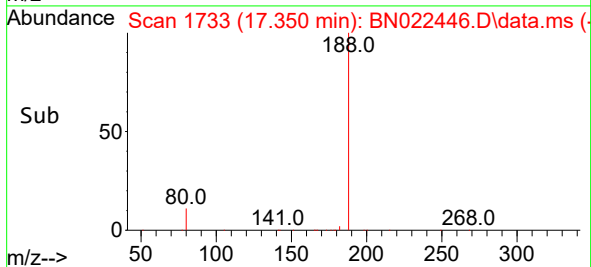
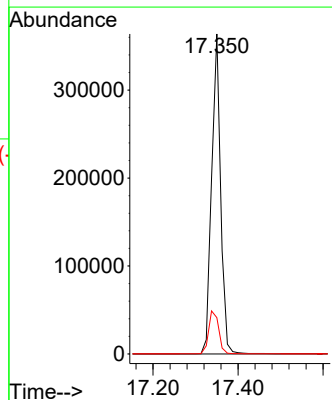
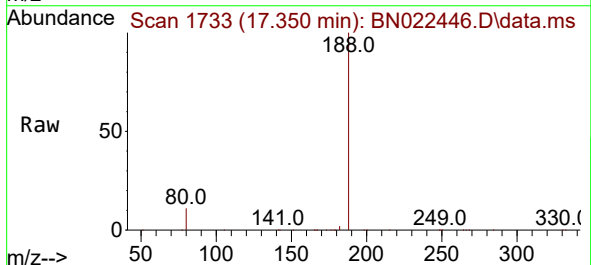
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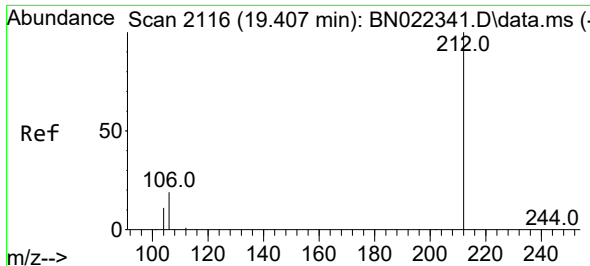
Tgt Ion:172 Resp: 2151269
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 23.0 18.5 27.7



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.350 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

Tgt Ion:188 Resp: 533506
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 15.0 22.6#

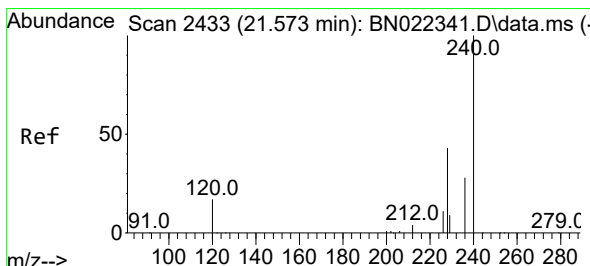
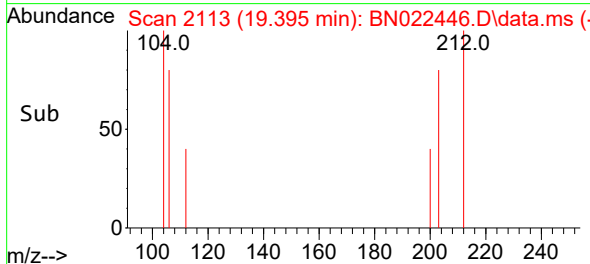
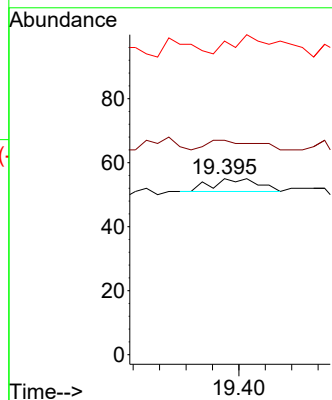
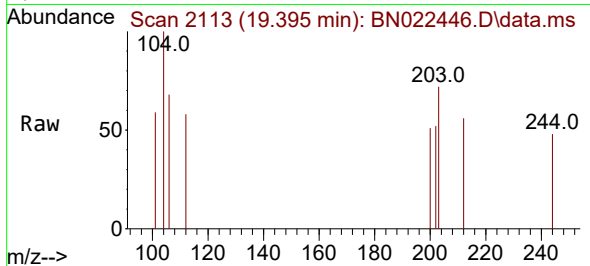




#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.395 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

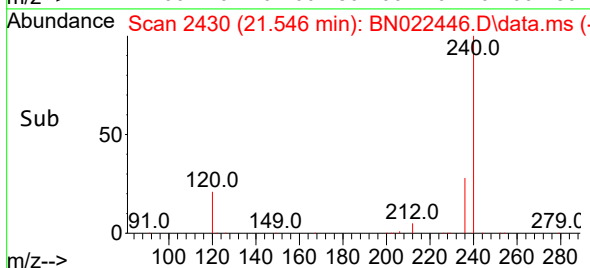
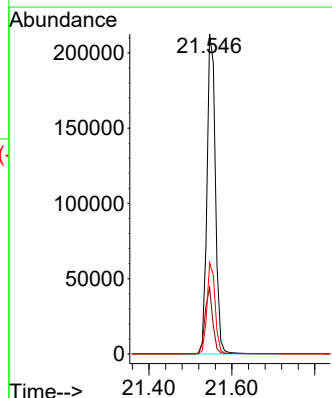
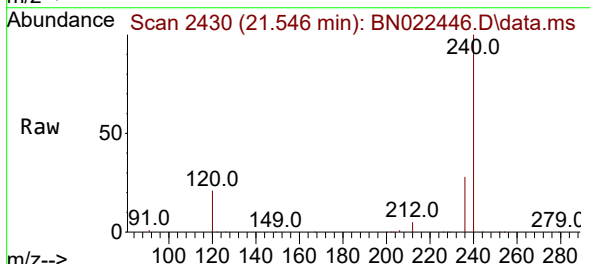
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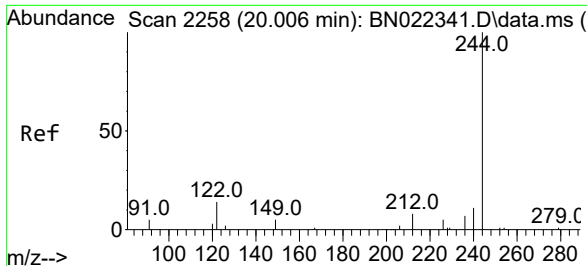
Tgt Ion:212 Resp: 5
Ion Ratio Lower Upper
212 100
106 80.0 15.0 22.4#
104 180.0 9.3 13.9#



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.546 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN022446.D
Acq: 01 Nov 2022 23:35

Tgt Ion:240 Resp: 300087
Ion Ratio Lower Upper
240 100
120 20.7 15.8 23.6
236 28.4 23.2 34.8

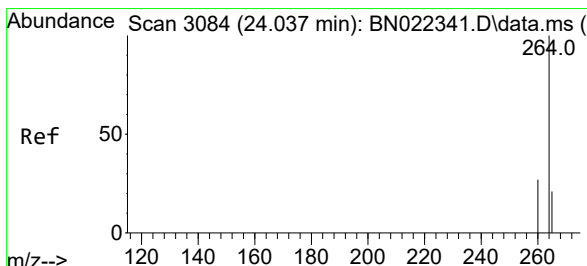
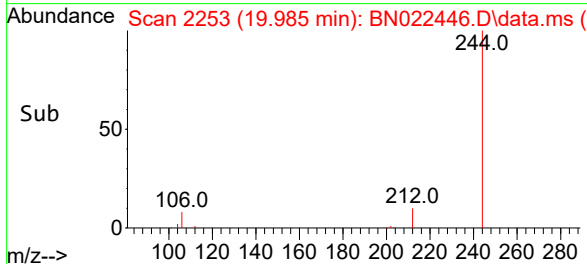
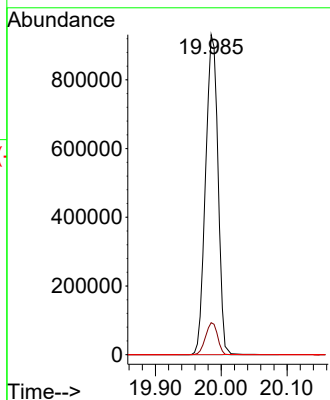
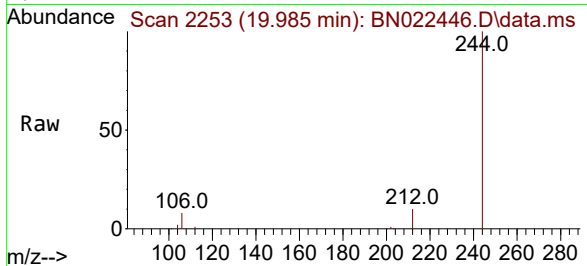




#31
 Terphenyl-d14
 Concen: 107.851 ng
 RT: 19.985 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022446.D
 Acq: 01 Nov 2022 23:35

Instrument :
 BNA_N
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 PB148793BL

Tgt Ion:244 Resp: 1686145
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.0 10.4
 122 0.0 11.5 17.3#



#35
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.996 min Scan# 3070
 Delta R.T. -0.006 min
 Lab File: BN022446.D
 Acq: 01 Nov 2022 23:35

Tgt Ion:264 Resp: 260470
 Ion Ratio Lower Upper
 264 100
 260 26.5 22.1 33.1
 265 22.2 53.0 79.4#

