

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022972.D
 Acq On : 30 Nov 2022 04:42
 Operator : CG/JU
 Sample : N5729-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20221117

Quant Time: Nov 30 05:38:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

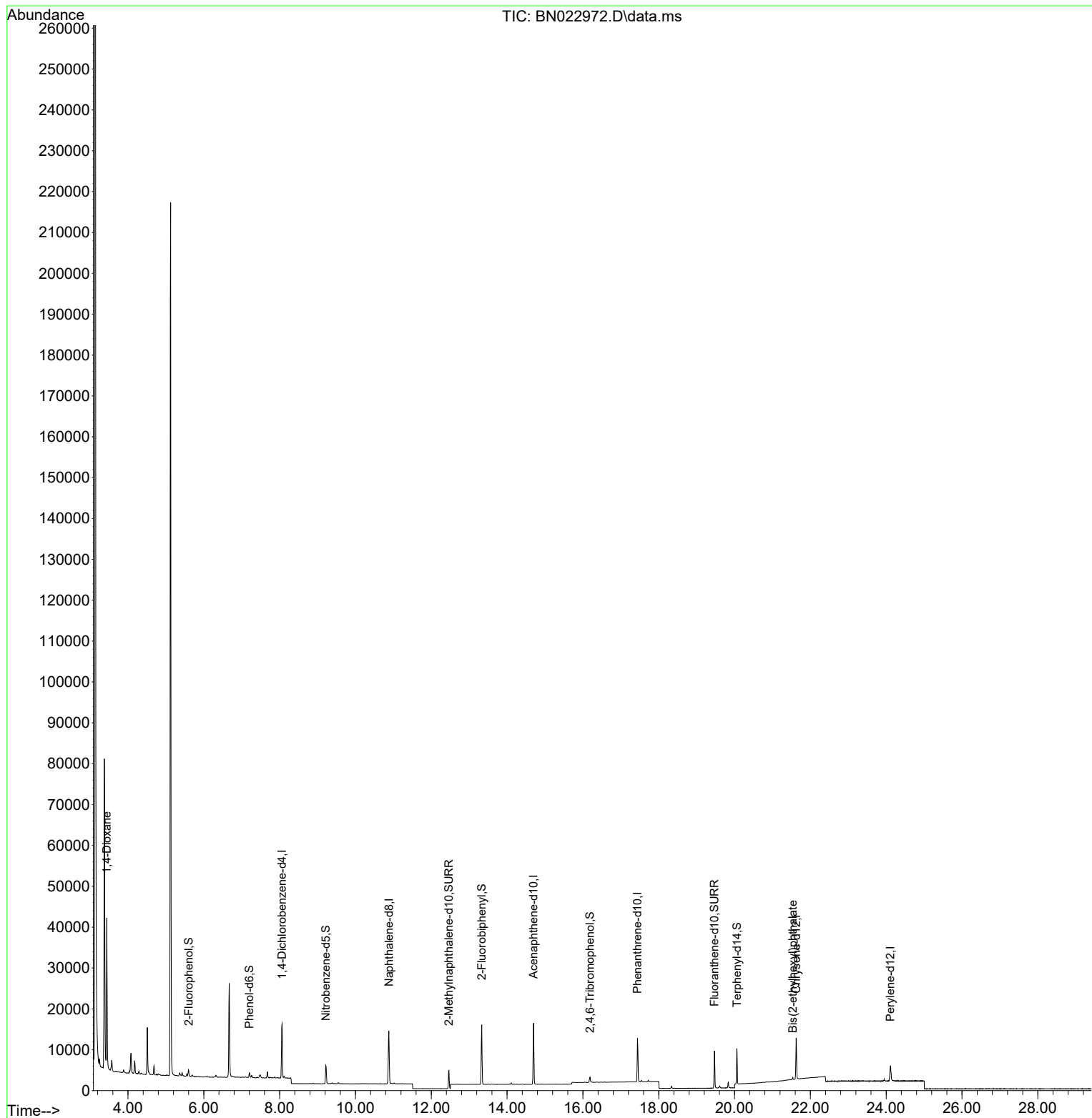
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6367	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16782	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7688	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	14200	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	8443	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	5804	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1277	0.077	ng	0.00
5) Phenol-d6	7.204	99	1004	0.048	ng	0.00
8) Nitrobenzene-d5	9.217	82	3653	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	6940	0.191	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	760	0.205	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	11737	0.334	ng	0.00
27) Fluoranthene-d10	19.469	212	9715	0.252	ng	0.00
31) Terphenyl-d14	20.067	244	7613	0.384	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.441	88	21071	2.608	ng	99
34) Bis(2-ethylhexyl)phtha...	21.535	149	569	0.042	ng	# 93

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

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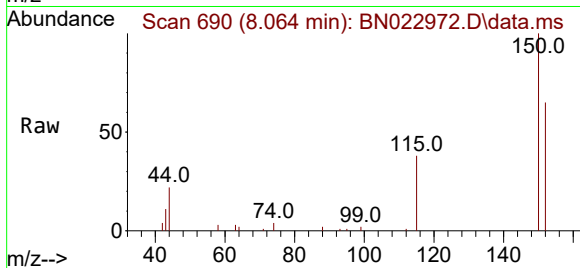
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration



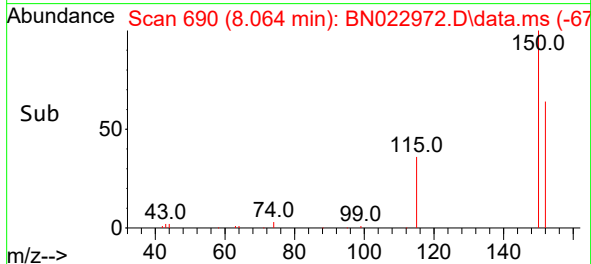
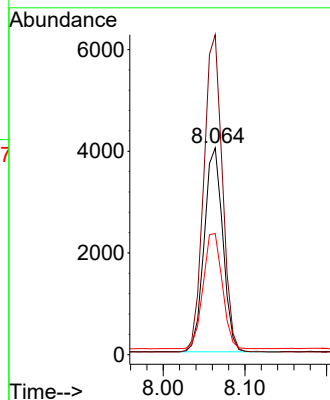


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Instrument :
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ClientSampleId :
RE105D1-20221117

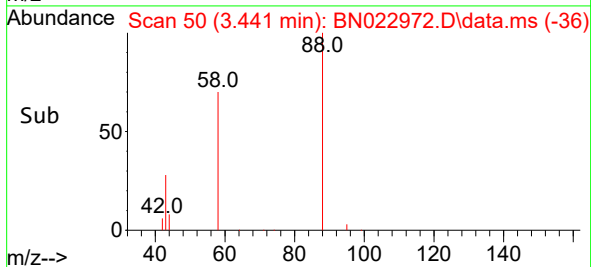
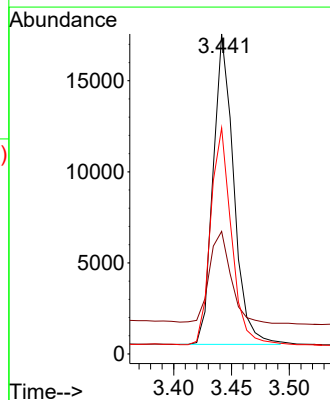
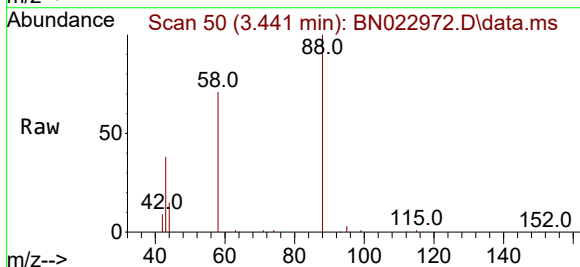


Tgt Ion:152 Resp: 6367
Ion Ratio Lower Upper
152 100
150 154.6 121.2 181.8
115 58.5 46.2 69.4



#2
1,4-Dioxane
Concen: 2.608 ng
RT: 3.441 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion: 88 Resp: 21071
Ion Ratio Lower Upper
88 100
43 30.9 25.4 38.2
58 70.4 56.5 84.7

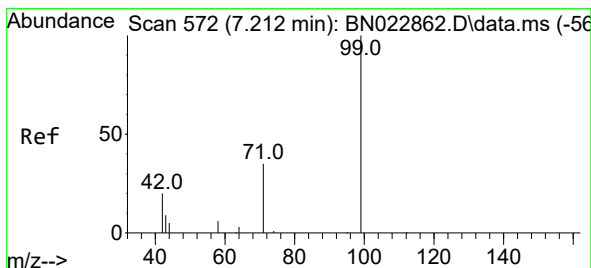
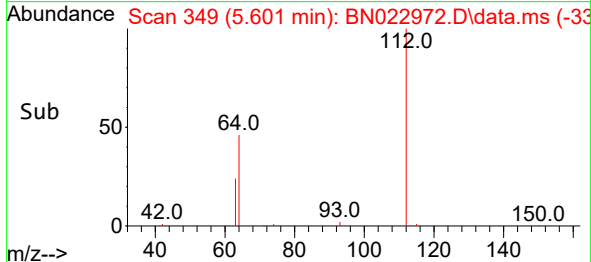
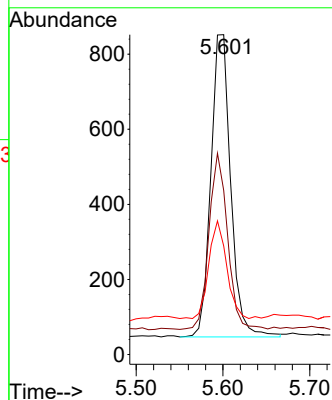
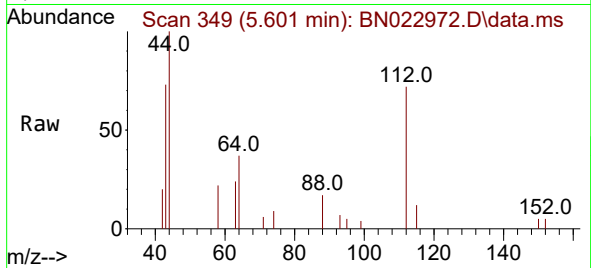




#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

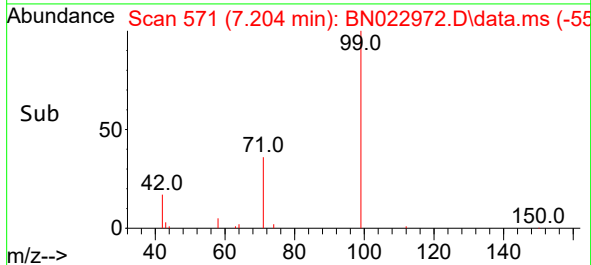
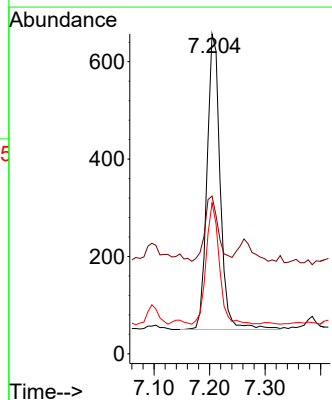
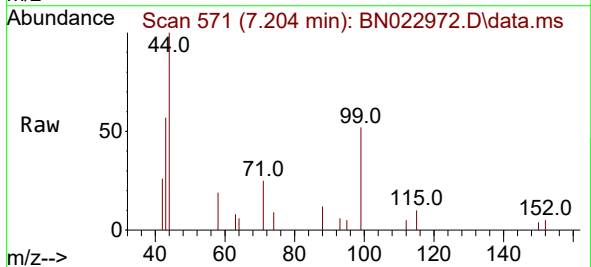
Instrument :
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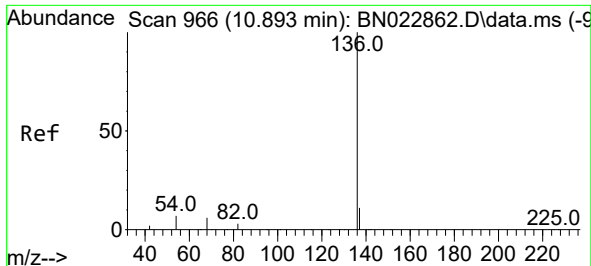
Tgt Ion:112 Resp: 1277
Ion Ratio Lower Upper
112 100
64 54.5 43.4 65.2
63 29.1 23.4 35.2



#5
Phenol-d6
Concen: 0.048 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion: 99 Resp: 1004
Ion Ratio Lower Upper
99 100
42 22.0 16.0 24.0
71 40.5 26.8 40.2#

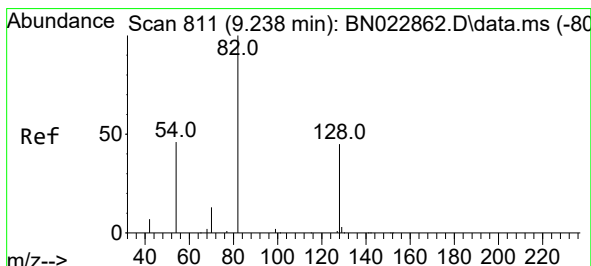
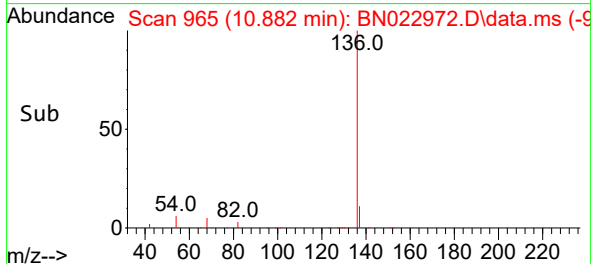
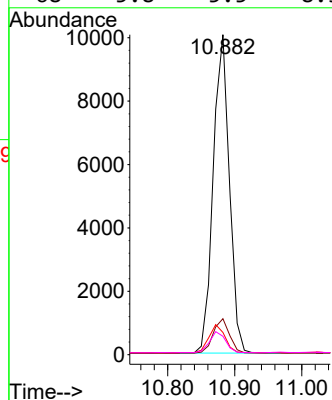
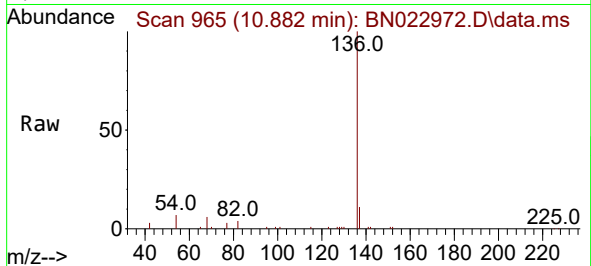




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

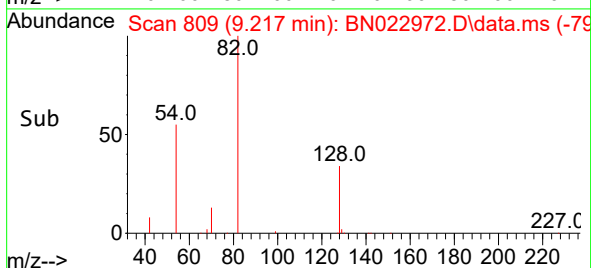
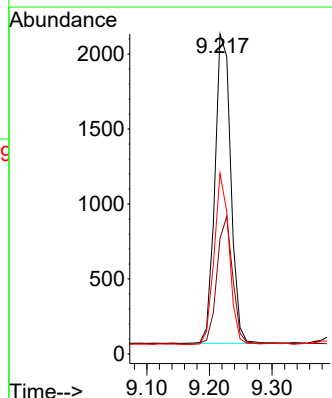
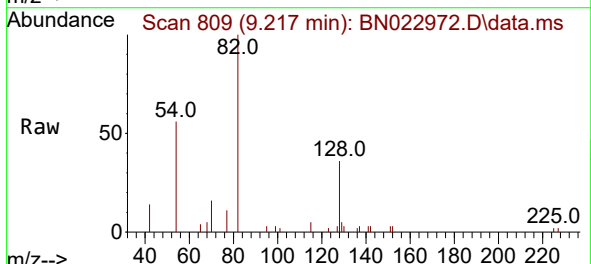
Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

Tgt Ion:	136	Resp:	16782
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.9	6.6	9.8
68	5.8	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:	82	Resp:	3653
Ion Ratio	Lower	Upper	
82	100		
128	36.1	36.6	54.8#
54	56.4	38.5	57.7

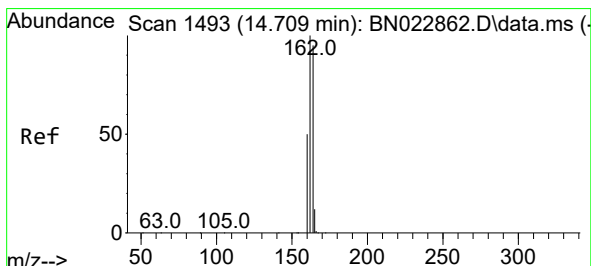
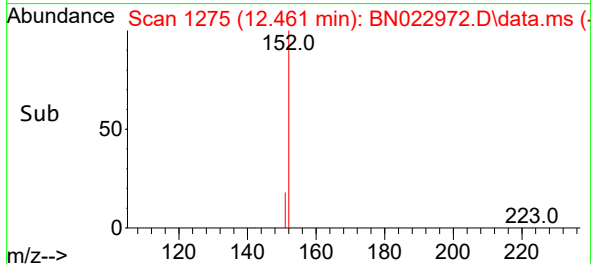
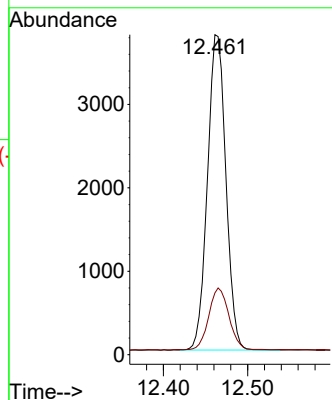
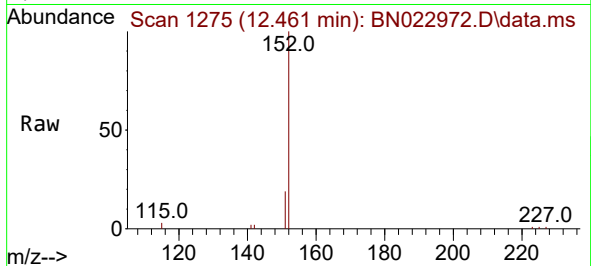




#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

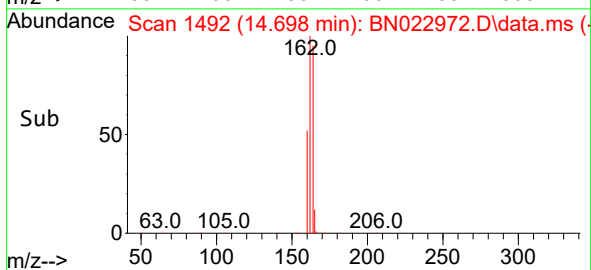
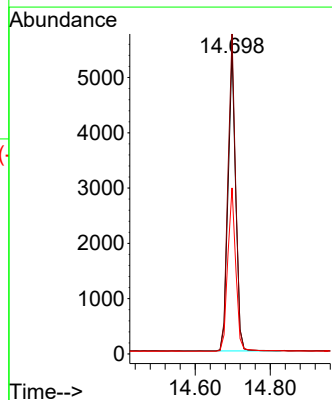
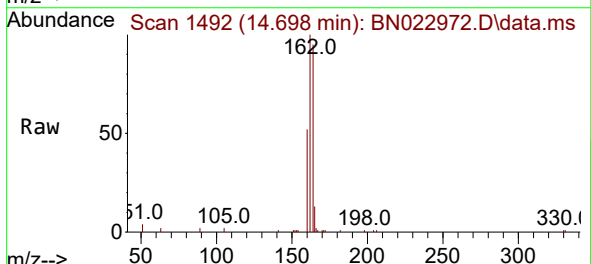
Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

Tgt Ion:152 Resp: 6940
Ion Ratio Lower Upper
152 100
151 25.5 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

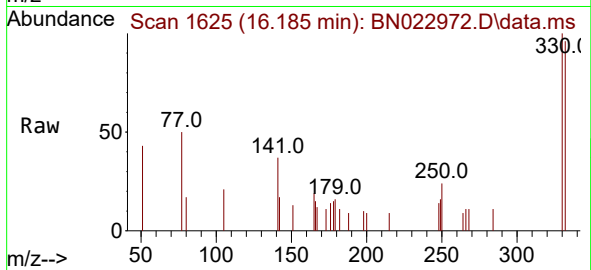
Tgt Ion:164 Resp: 7688
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.4
160 54.6 42.5 63.7



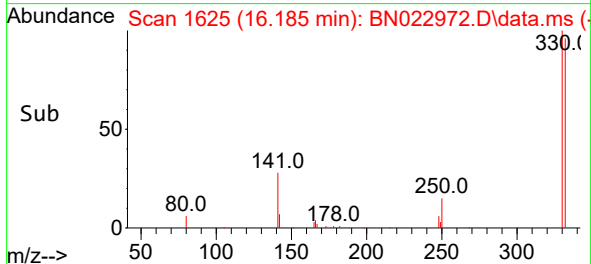
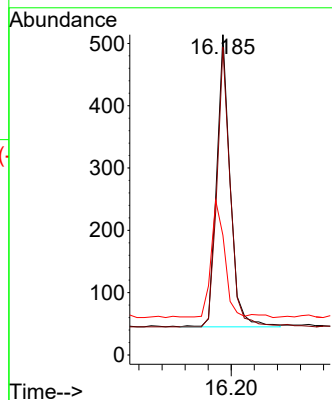


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Instrument :
BNA_N
ClientSampleId :
RE105D1-20221117

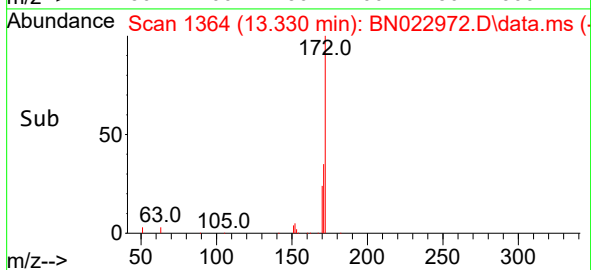
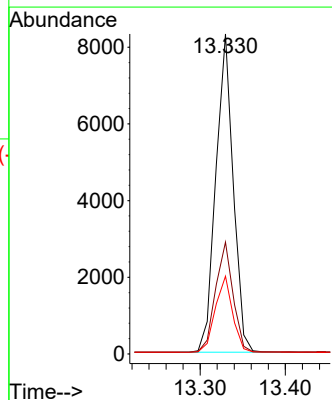
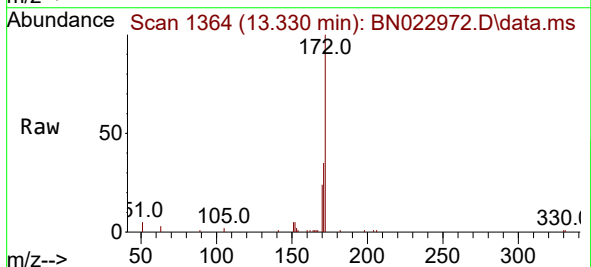


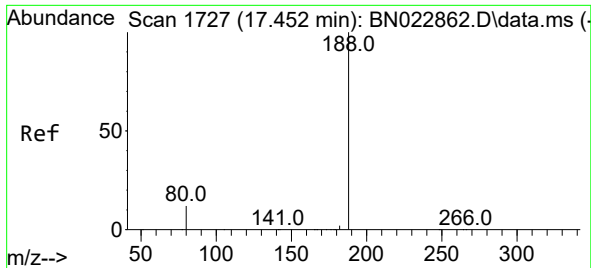
Tgt Ion:330 Resp: 760
Ion Ratio Lower Upper
330 100
332 94.2 76.5 114.7
141 41.3 32.6 48.8



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:172 Resp: 11737
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 24.3 19.3 28.9

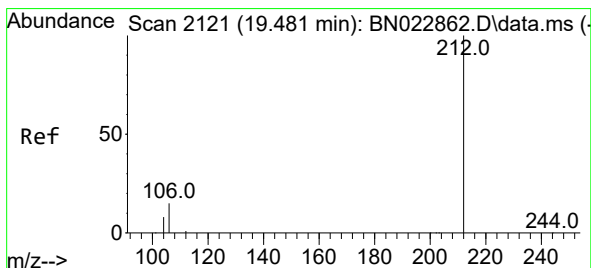
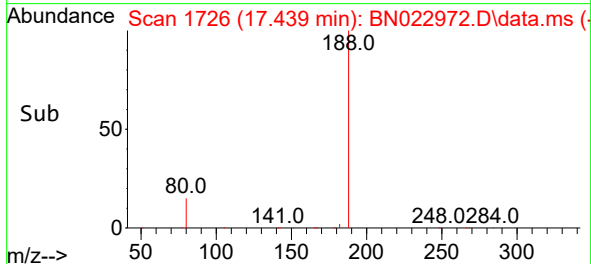
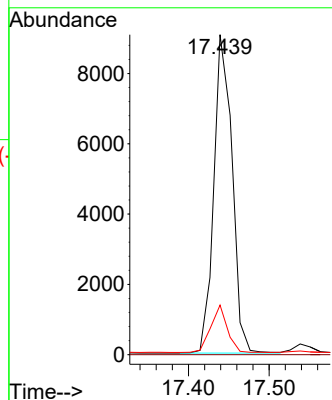
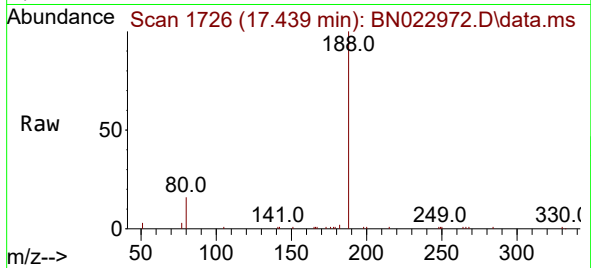




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

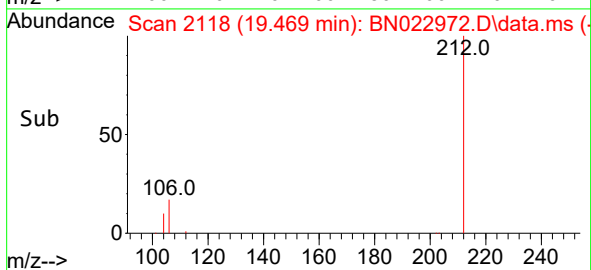
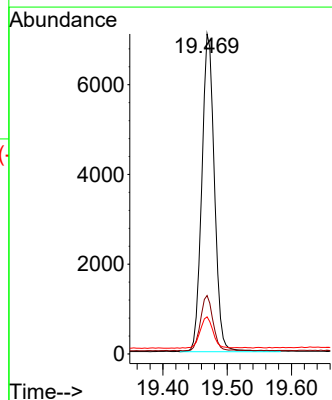
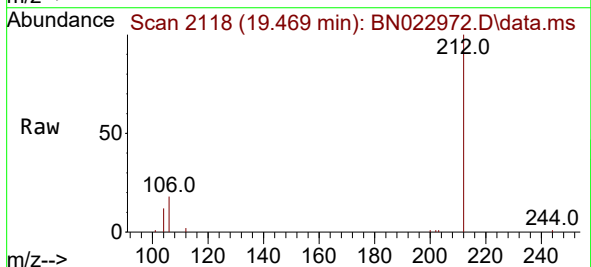
Instrument :
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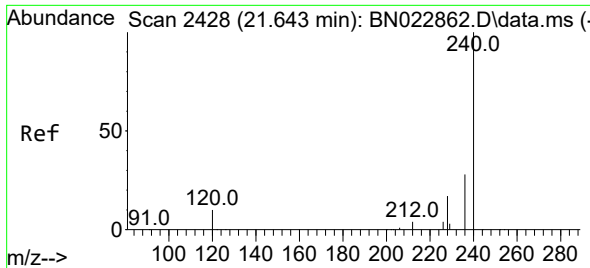
Tgt Ion:188 Resp: 14200
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 10.3 15.5#



#27
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022972.D
Acq: 30 Nov 2022 04:42

Tgt Ion:212 Resp: 9715
Ion Ratio Lower Upper
212 100
106 17.3 12.3 18.5
104 10.1 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN022972.D

Acq: 30 Nov 2022 04:42

Instrument :

BNA_N

ClientSampleId :

RE105D1-20221117

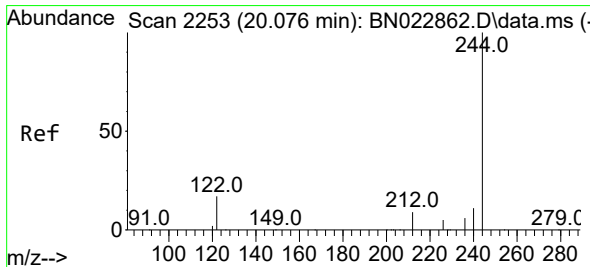
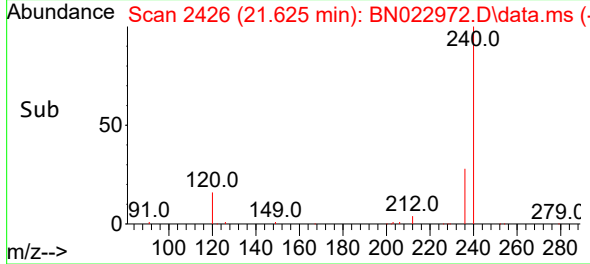
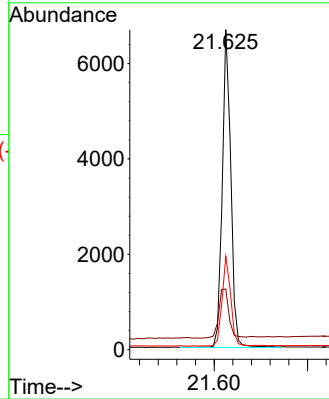
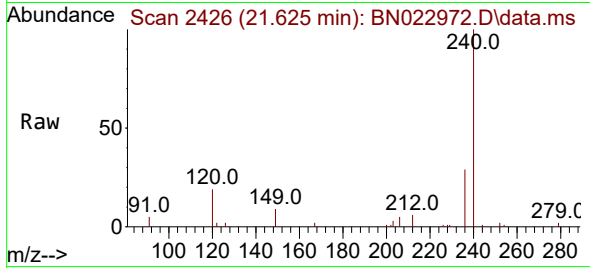
Tgt Ion:240 Resp: 8443

Ion Ratio Lower Upper

240 100

120 19.0 9.2 13.8#

236 29.2 22.6 34.0



#31

Terphenyl-d14

Concen: 0.384 ng

RT: 20.067 min Scan# 2252

Delta R.T. 0.005 min

Lab File: BN022972.D

Acq: 30 Nov 2022 04:42

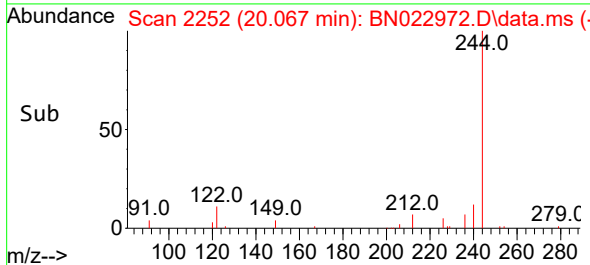
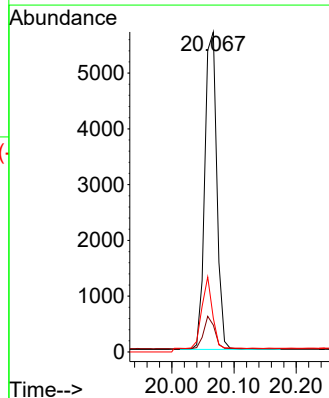
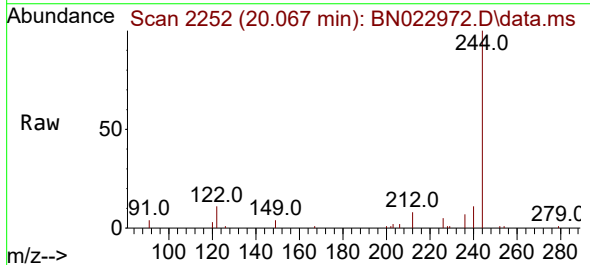
Tgt Ion:244 Resp: 7613

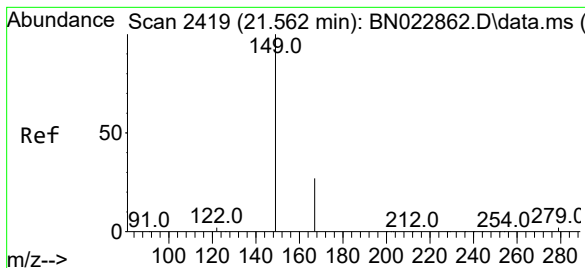
Ion Ratio Lower Upper

244 100

212 8.4 7.9 11.9

122 10.6 13.9 20.9#

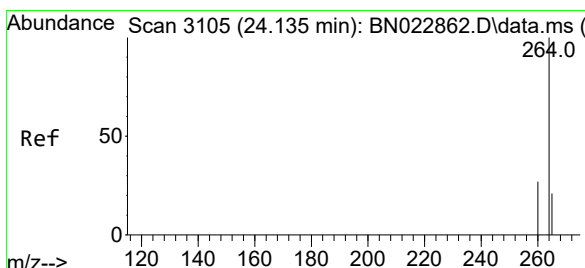
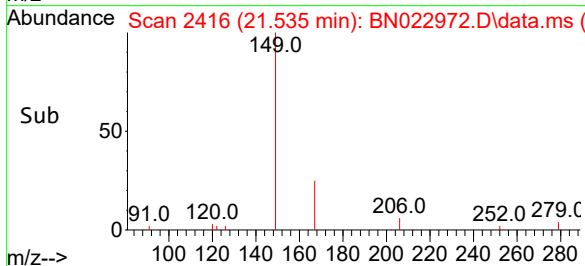
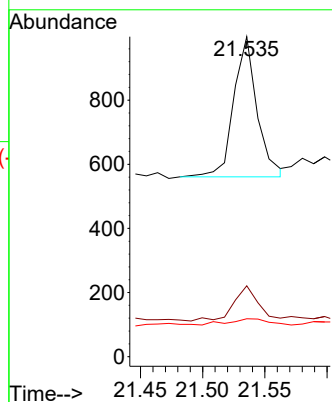
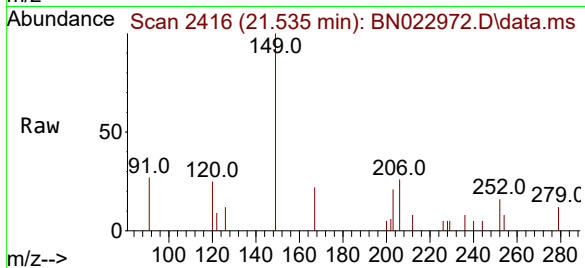




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 21.535 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN022972.D
 Acq: 30 Nov 2022 04:42

Instrument :
 BNA_N
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 RE105D1-20221117

Tgt Ion:149 Resp: 569
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.3 31.9
 279 7.0 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.112 min Scan# 3097
 Delta R.T. -0.001 min
 Lab File: BN022972.D
 Acq: 30 Nov 2022 04:42

Tgt Ion:264 Resp: 5804
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.7 32.5
 265 73.4 31.0 46.4#

