

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030007.D
 Acq On : 24 Feb 2024 23:56
 Operator : MA/JU
 Sample : P1532-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20240216

Quant Time: Feb 26 02:46:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

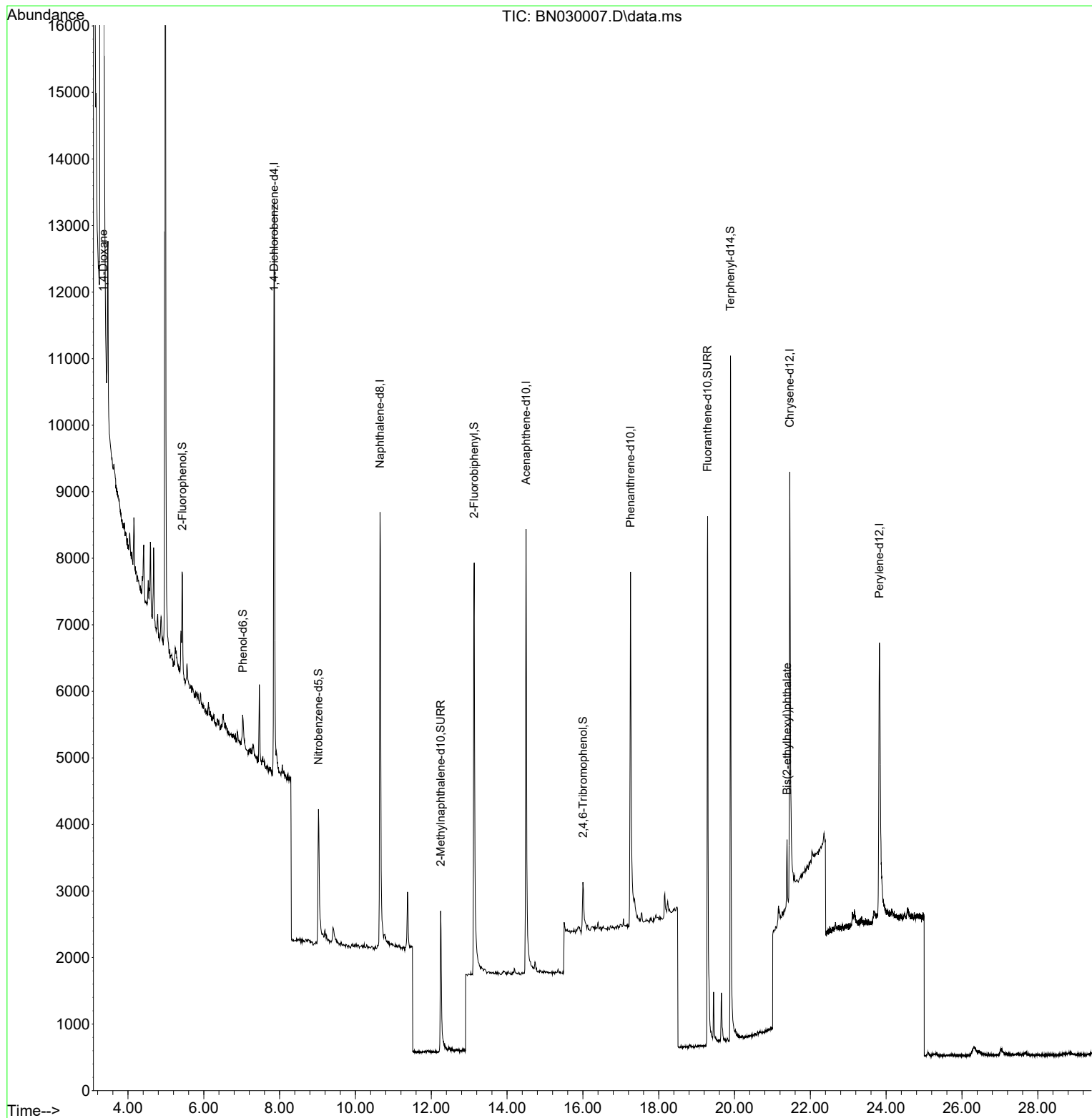
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4339	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10984	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5106	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	11040	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8982	0.400	ng	0.00
35) Perylene-d12	23.821	264	8851	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1261	0.121	ng	0.00
5) Phenol-d6	7.031	99	707	0.059	ng	0.00
8) Nitrobenzene-d5	9.025	82	2824	0.309	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4146	0.277	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	644	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	7630	0.348	ng	0.01
27) Fluoranthene-d10	19.290	212	10980	0.411	ng	0.00
31) Terphenyl-d14	19.894	244	12372	0.555	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	26426	4.326	ng	97
34) Bis(2-ethylhexyl)phtha...	21.385	149	1182	0.057	ng	# 96

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

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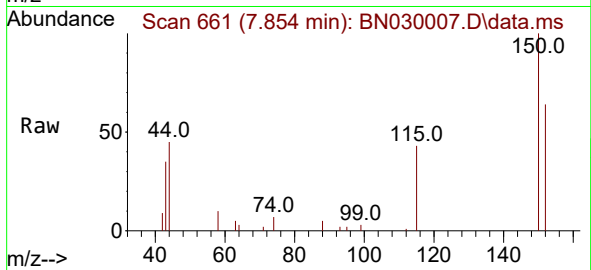
Quant Time: Feb 26 02:46:10 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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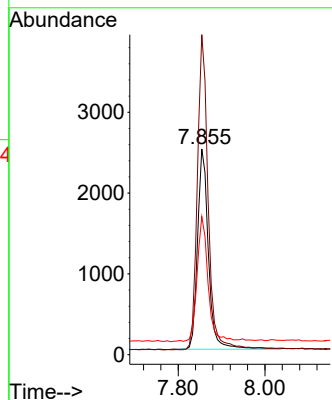
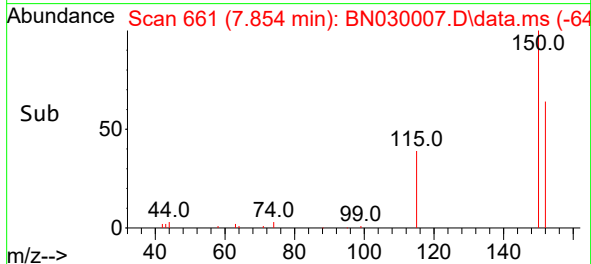


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

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ClientSampleId :
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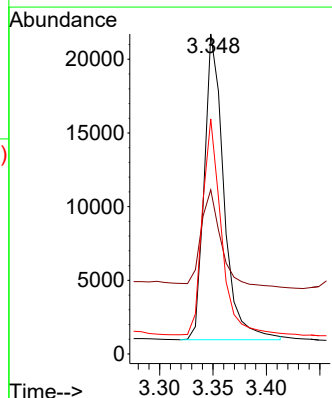
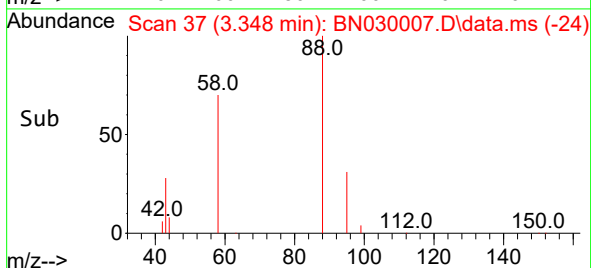
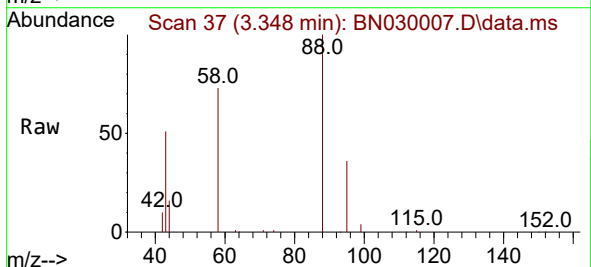


Tgt Ion:152 Resp: 4339
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 67.1 51.4 77.0



#2
1,4-Dioxane
Concen: 4.326 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

Tgt Ion: 88 Resp: 26426
Ion Ratio Lower Upper
88 100
43 32.5 23.3 34.9
58 68.1 53.8 80.6

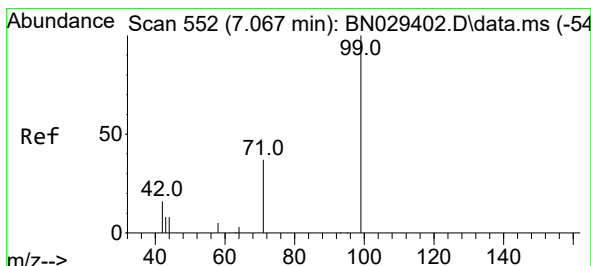
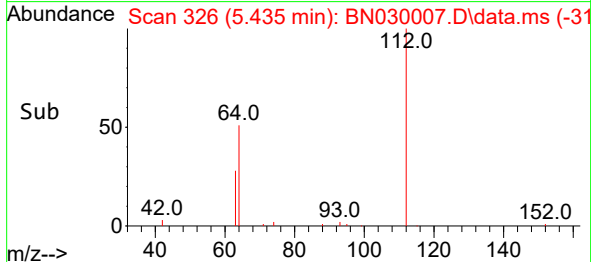
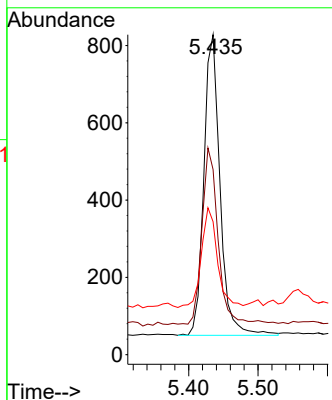
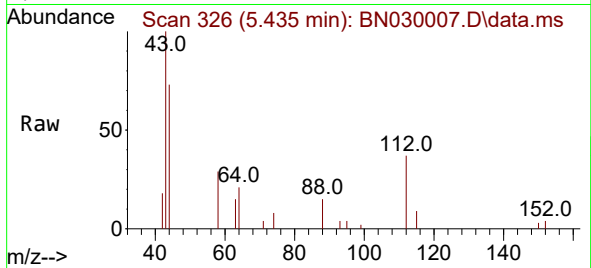




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

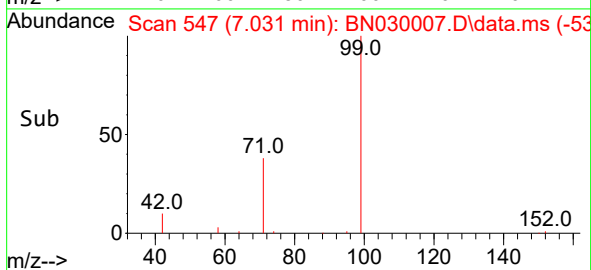
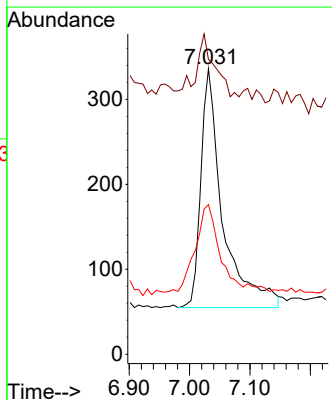
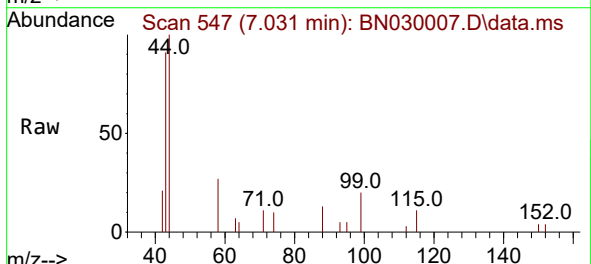
Instrument :
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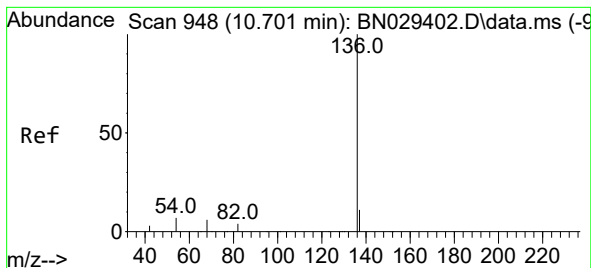
Tgt Ion:112 Resp: 1261
Ion Ratio Lower Upper
112 100
64 58.2 47.2 70.8
63 32.8 25.8 38.6



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

Tgt Ion: 99 Resp: 707
Ion Ratio Lower Upper
99 100
42 21.6 16.9 25.3
71 41.0 30.0 45.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.648 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN030007.D

Acq: 24 Feb 2024 23:56

Instrument :

BNA_N

ClientSampleId :

RE103D1-20240216

Tgt Ion:136 Resp: 10984

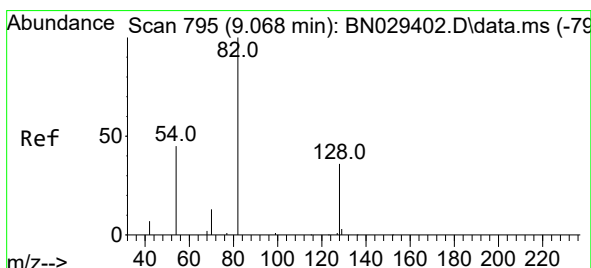
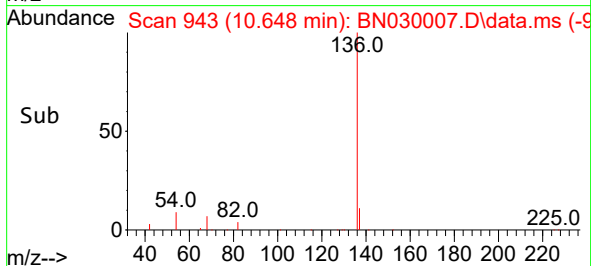
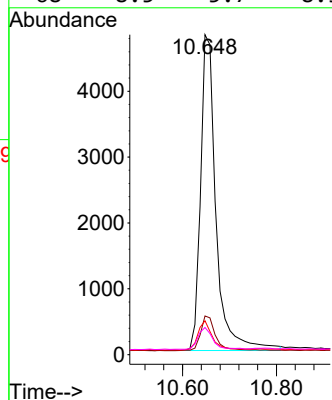
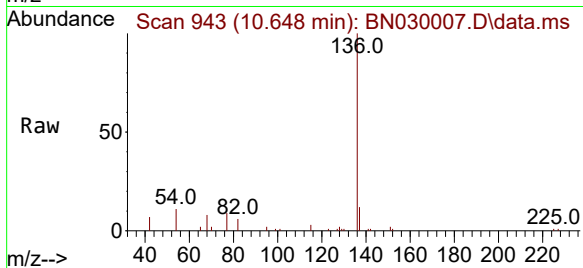
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 10.6 6.6 10.0#

68 8.5 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.309 ng

RT: 9.025 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN030007.D

Acq: 24 Feb 2024 23:56

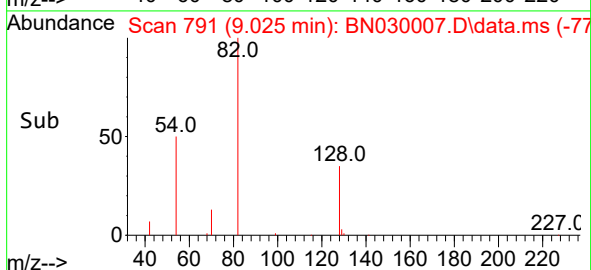
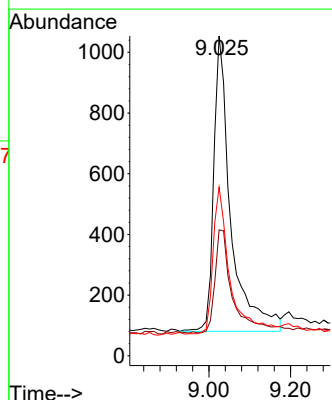
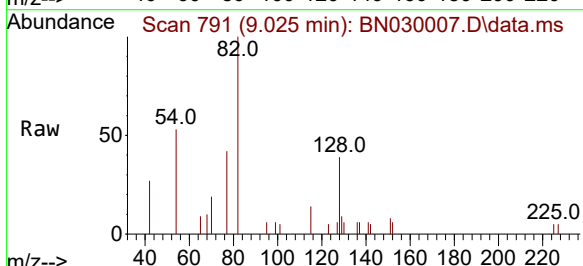
Tgt Ion: 82 Resp: 2824

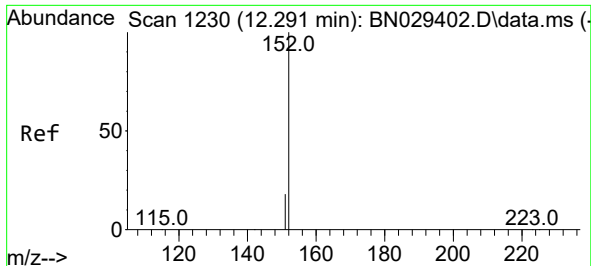
Ion Ratio Lower Upper

82 100

128 39.4 31.6 47.4

54 52.8 38.2 57.4

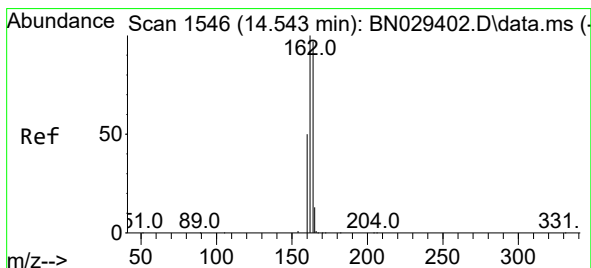
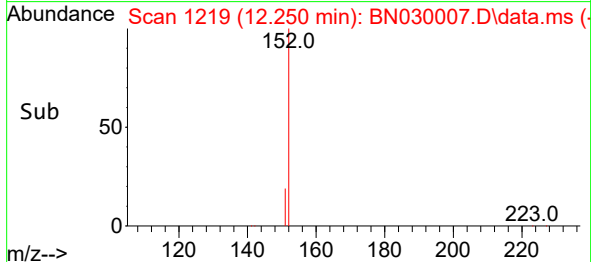
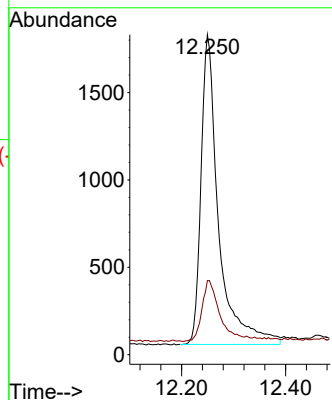
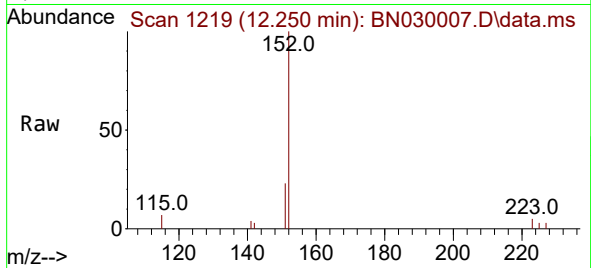




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

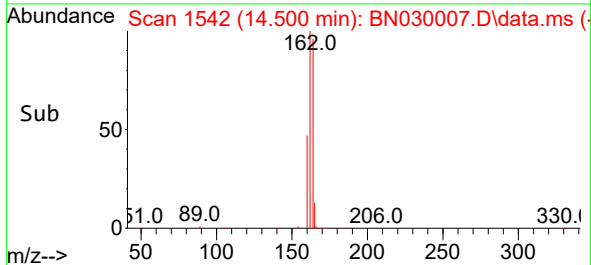
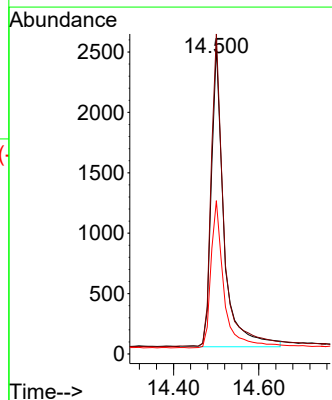
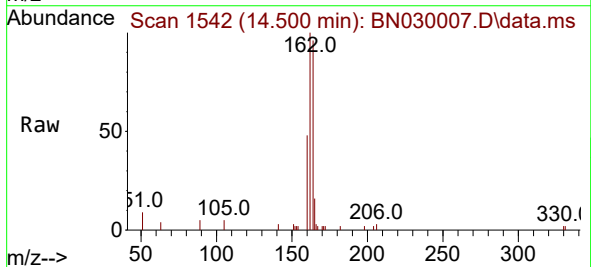
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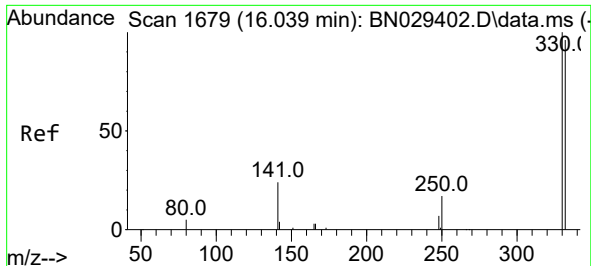
Tgt Ion:152 Resp: 4146
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

Tgt Ion:164 Resp: 5106
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 49.8 41.5 62.3

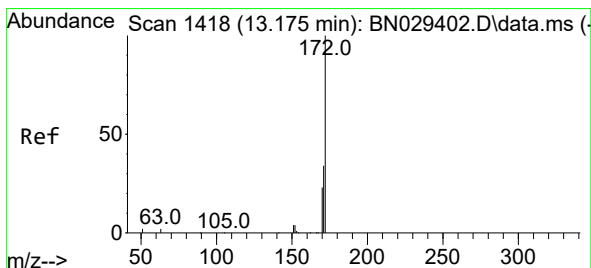
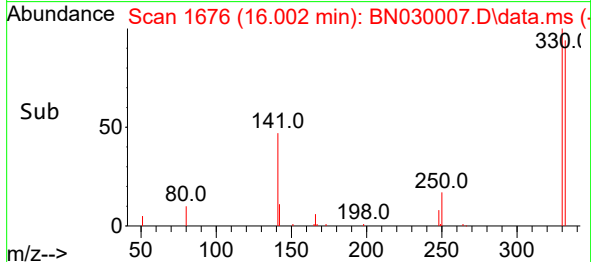
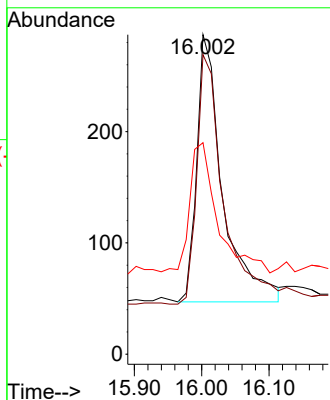
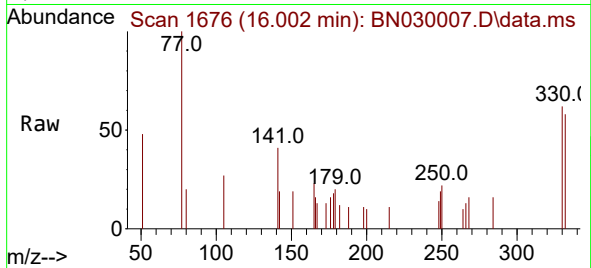




#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

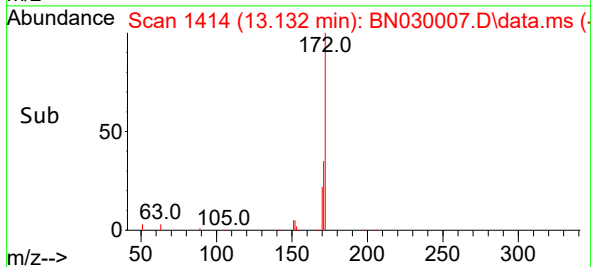
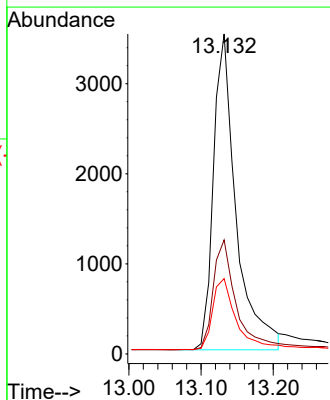
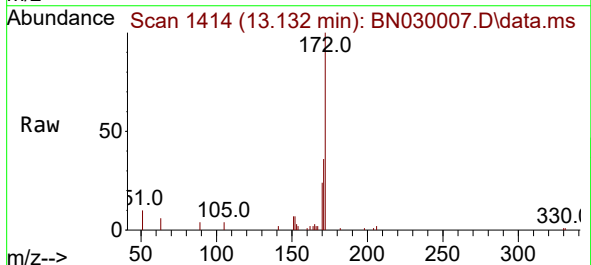
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ClientSampleId :
RE103D1-20240216

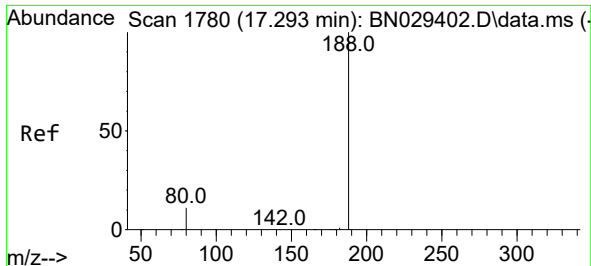
Tgt Ion:330 Resp: 644
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 52.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

Tgt Ion:172 Resp: 7630
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.6 18.7 28.1

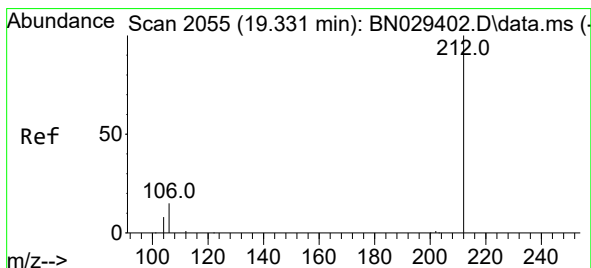
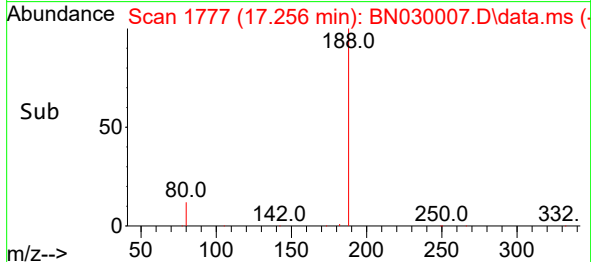
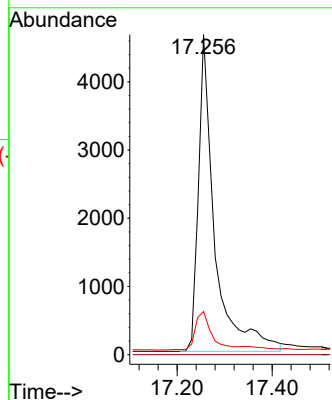
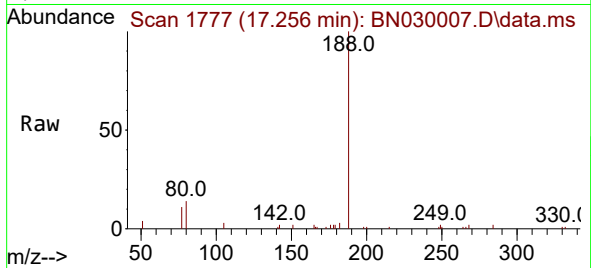




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

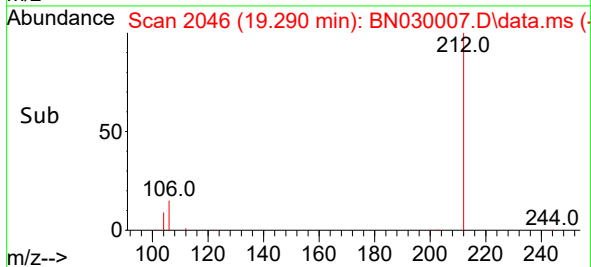
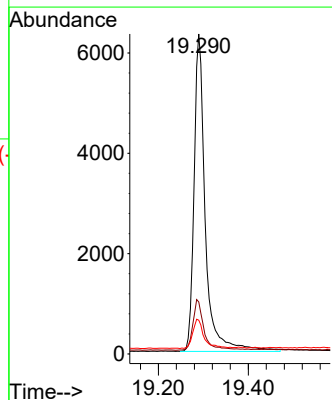
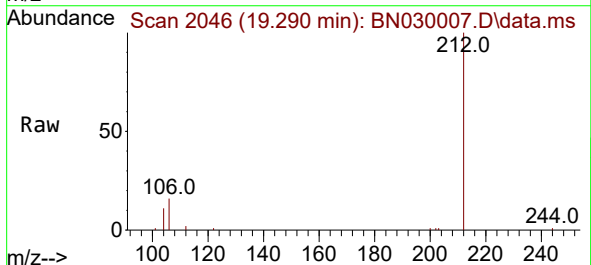
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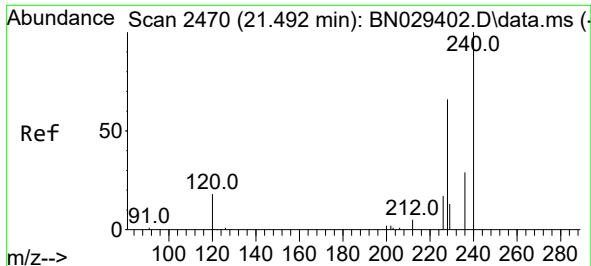
Tgt Ion:188 Resp: 11040
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

Tgt Ion:212 Resp: 10980
Ion Ratio Lower Upper
212 100
106 16.1 13.2 19.8
104 9.6 7.7 11.5

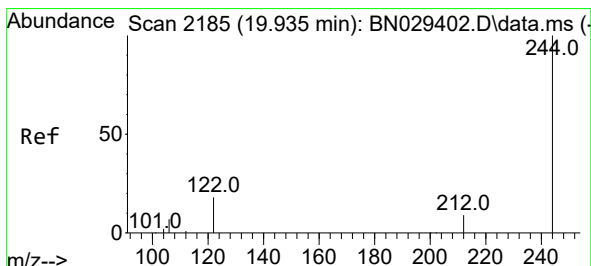
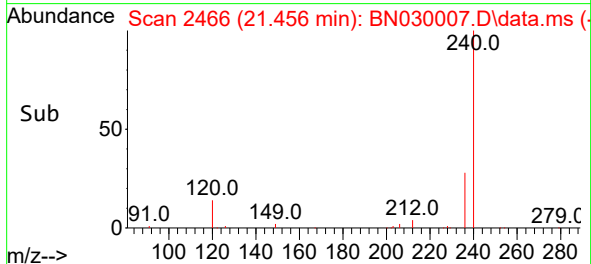
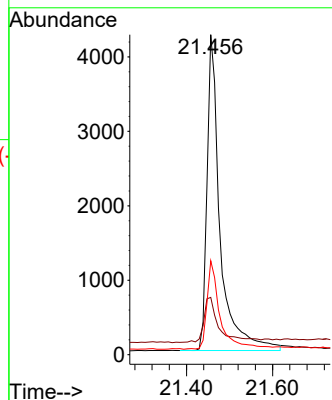
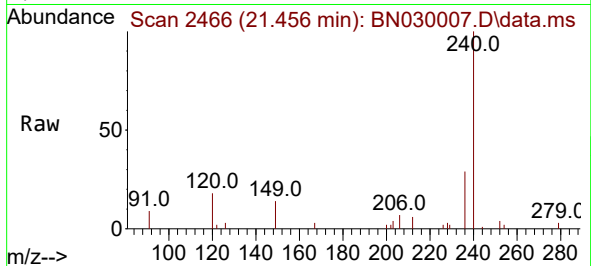




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

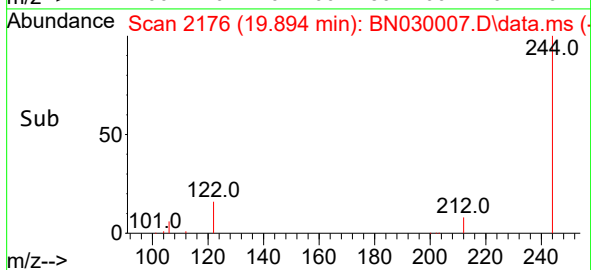
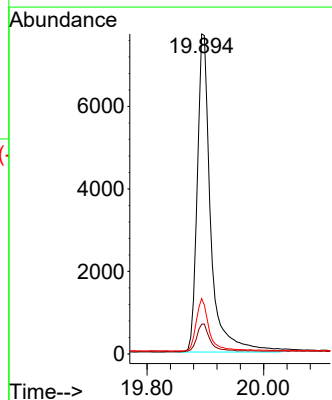
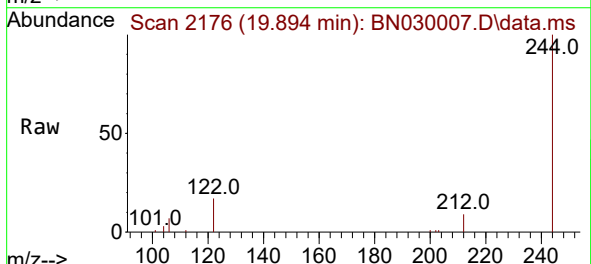
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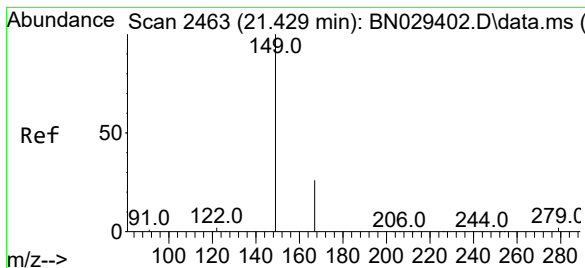
Tgt Ion:240 Resp: 8982
Ion Ratio Lower Upper
240 100
120 17.9 16.7 25.1
236 29.3 23.9 35.9



#31
Terphenyl-d14
Concen: 0.555 ng
RT: 19.894 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BN030007.D
Acq: 24 Feb 2024 23:56

Tgt Ion:244 Resp: 12372
Ion Ratio Lower Upper
244 100
212 9.3 8.2 12.4
122 17.3 15.6 23.4

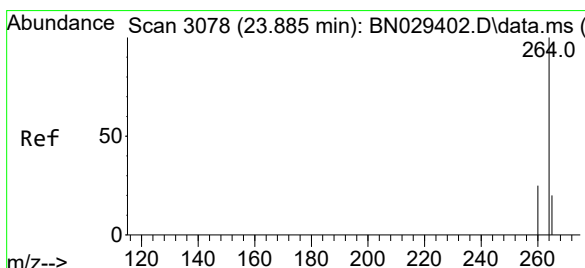
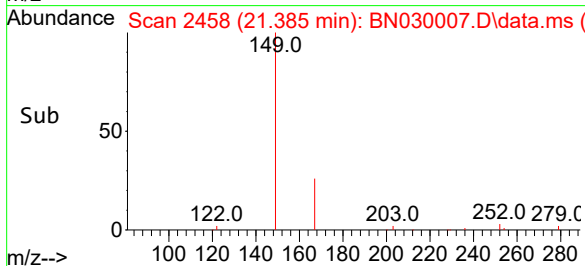
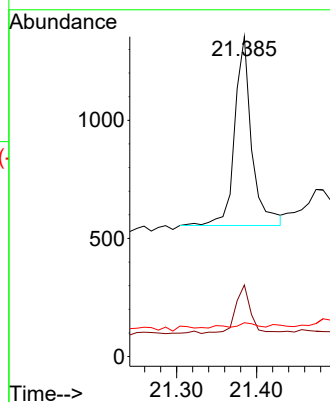
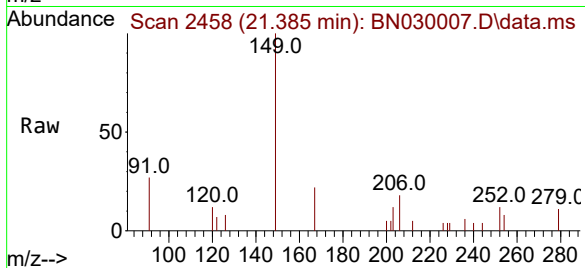




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.385 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030007.D
 Acq: 24 Feb 2024 23:56

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20240216

Tgt Ion:149 Resp: 1182
 Ion Ratio Lower Upper
 149 100
 167 22.8 20.1 30.1
 279 3.7 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.821 min Scan# 3056
 Delta R.T. 0.000 min
 Lab File: BN030007.D
 Acq: 24 Feb 2024 23:56

Tgt Ion:264 Resp: 8851
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 66.1 41.5 62.3#

