

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025517.D
 Acq On : 20 May 2023 10:34
 Operator : CG/JU
 Sample : 02834-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230517

Quant Time: May 22 01:58:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

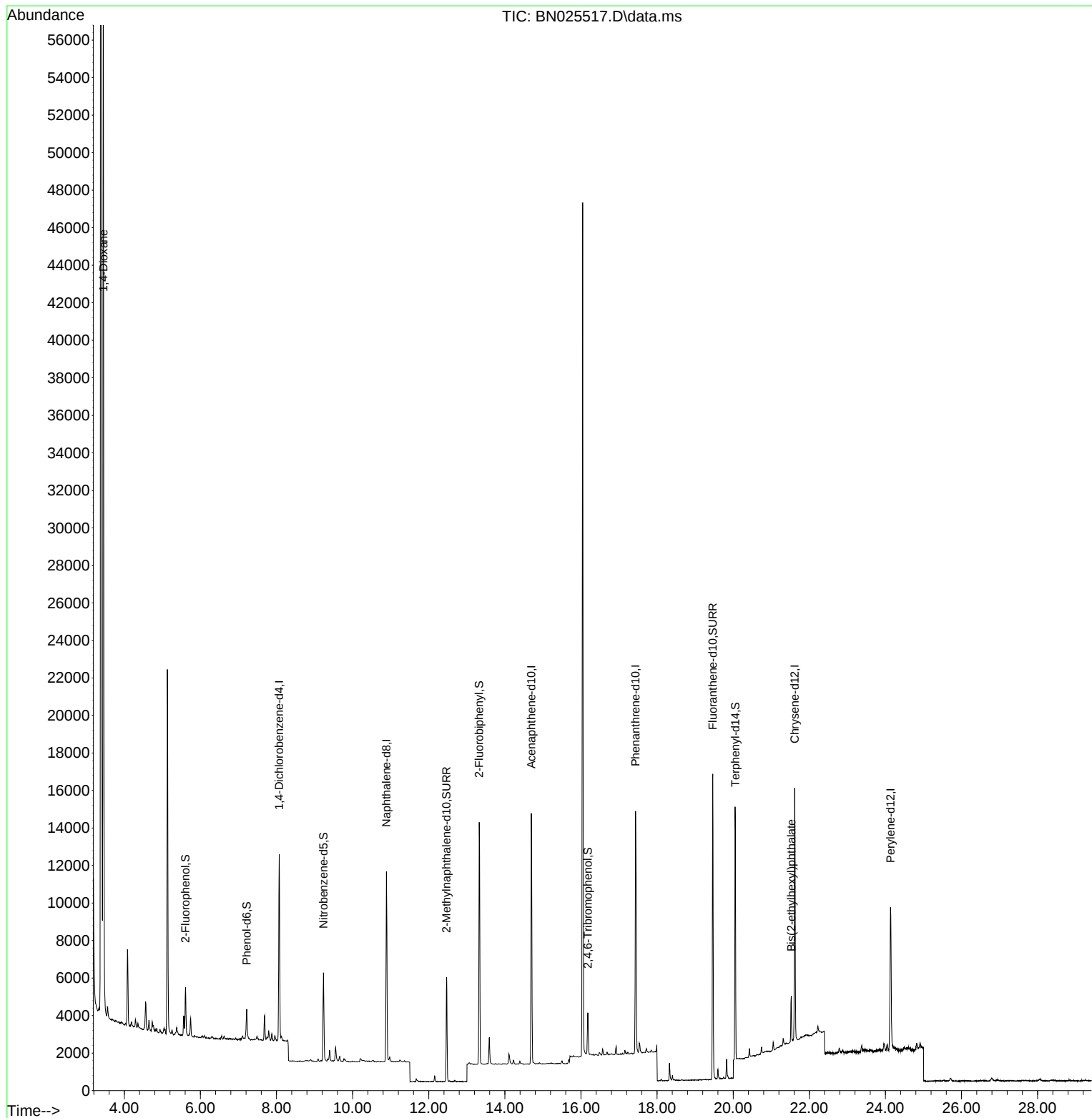
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	4674	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	13412	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	7908	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	17963	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	12447	0.400	ng	# 0.00
35) Perylene-d12	24.135	264	11055	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1887	0.179	ng	0.00
5) Phenol-d6	7.218	99	1528	0.113	ng	0.00
8) Nitrobenzene-d5	9.234	82	3946	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	7481	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1182	0.383	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11751	0.388	ng	-0.01
27) Fluoranthene-d10	19.465	212	18441	0.445	ng	0.00
31) Terphenyl-d14	20.058	244	10874	0.491	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	33046	6.930	ng	99
34) Bis(2-ethylhexyl)phtha...	21.527	149	2658	0.100	ng	# 97

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

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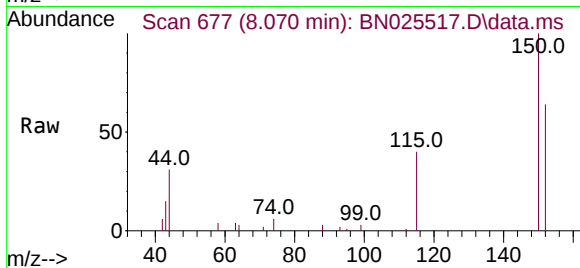
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
Response via : Initial Calibration



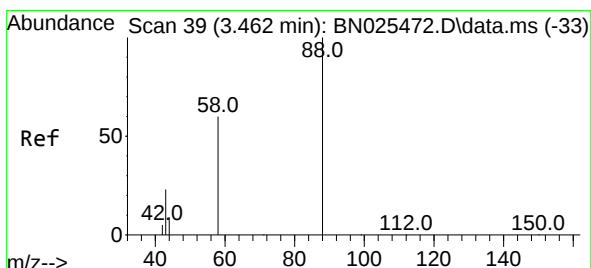
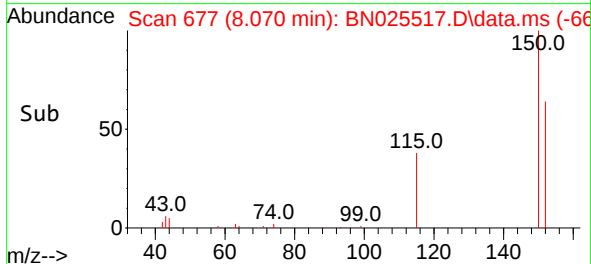
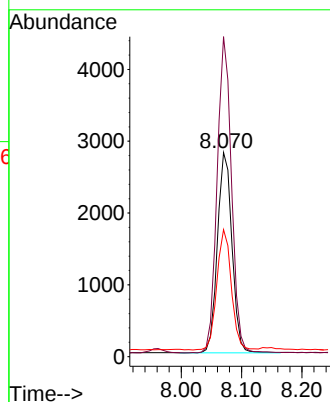


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517

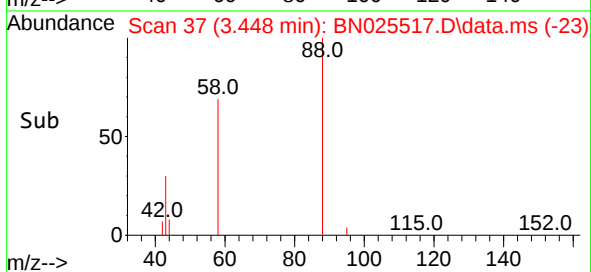
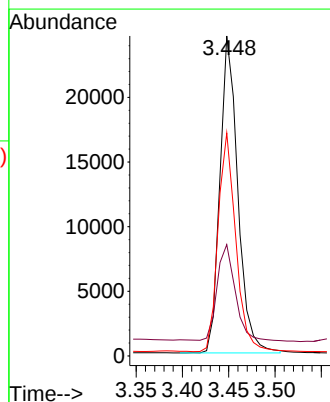
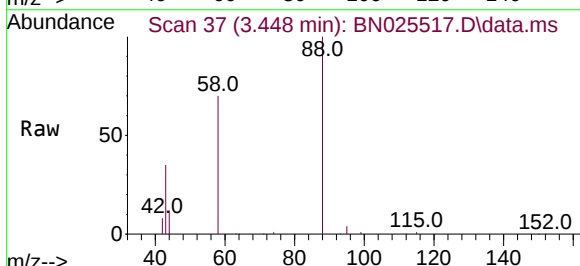


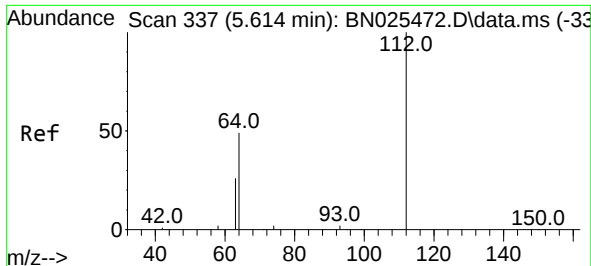
Tgt Ion:152 Resp: 4674
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 62.2 50.2 75.2



#2
1,4-Dioxane
Concen: 6.930 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Tgt Ion: 88 Resp: 33046
Ion Ratio Lower Upper
88 100
43 30.4 23.8 35.6
58 68.1 55.1 82.7

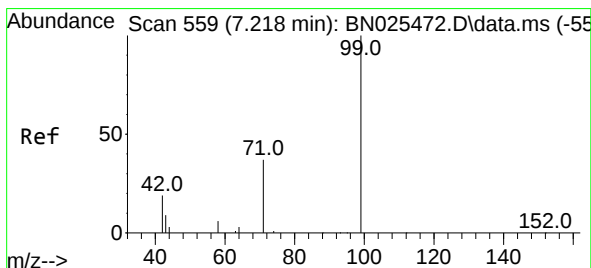
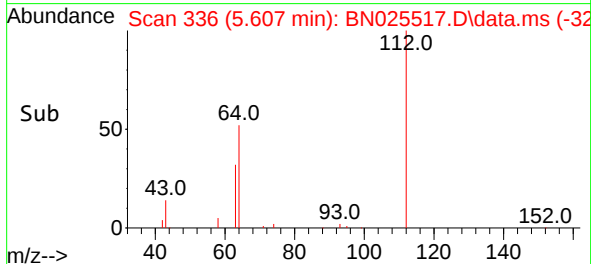
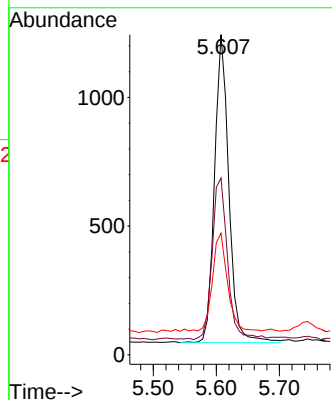
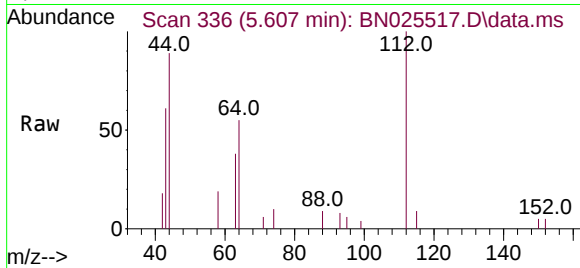




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

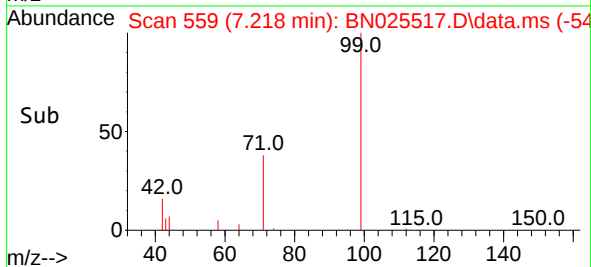
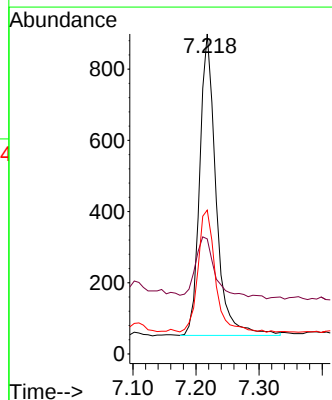
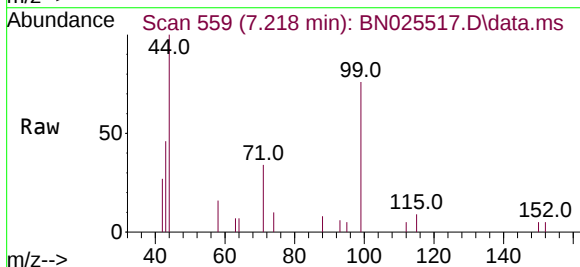
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517

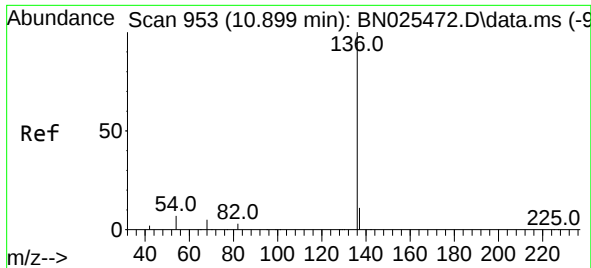
Tgt Ion:112 Resp: 1887
Ion Ratio Lower Upper
112 100
64 56.0 44.0 66.0
63 32.6 24.0 36.0



#5
Phenol-d6
Concen: 0.113 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Tgt Ion: 99 Resp: 1528
Ion Ratio Lower Upper
99 100
42 22.3 15.8 23.8
71 42.7 28.6 43.0

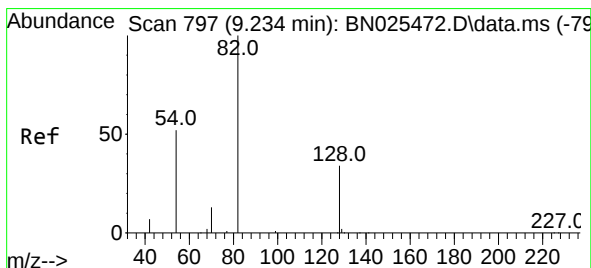
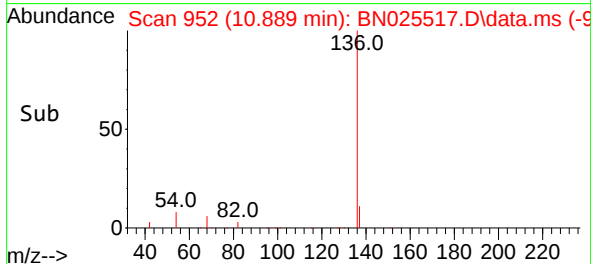
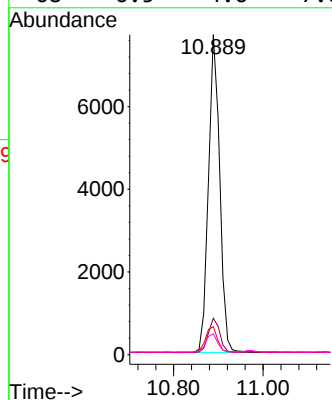
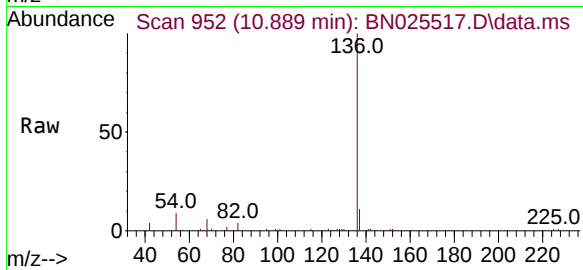




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

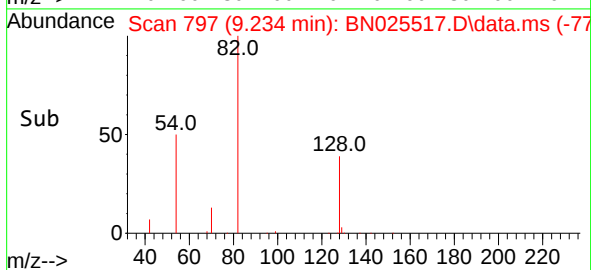
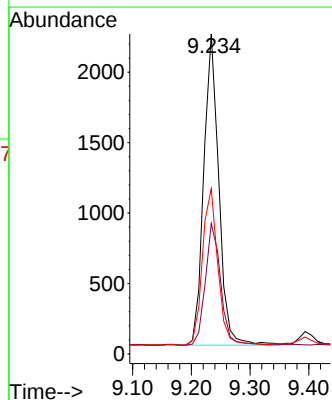
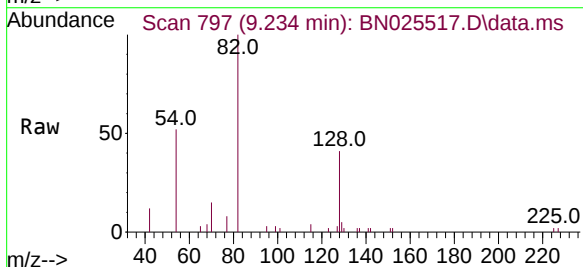
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230517

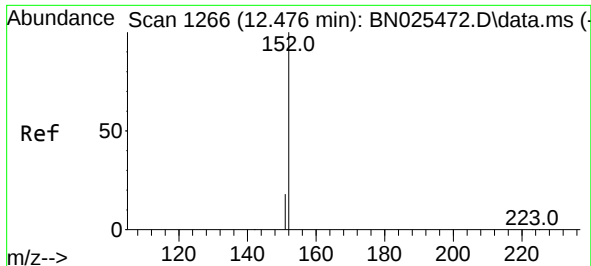
Tgt Ion:136 Resp: 13412
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.7 5.8 8.6#
68 6.5 4.6 7.0



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Tgt Ion: 82 Resp: 3946
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 51.7 42.4 63.6

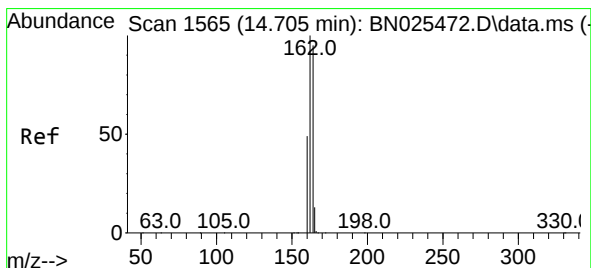
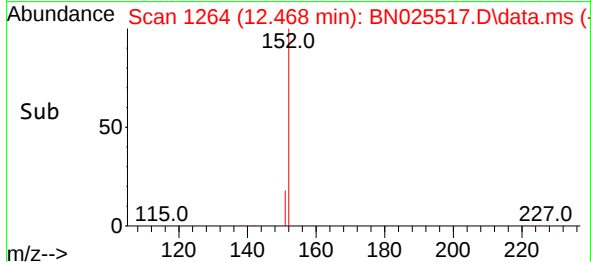
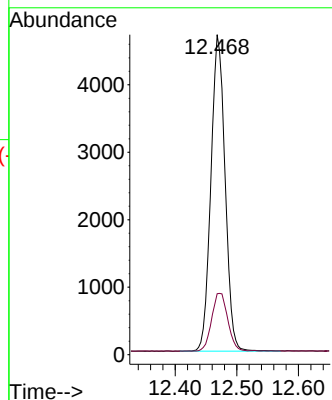
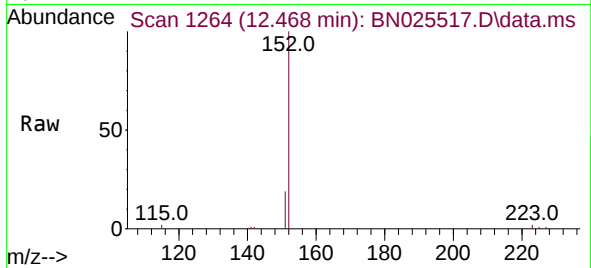




#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

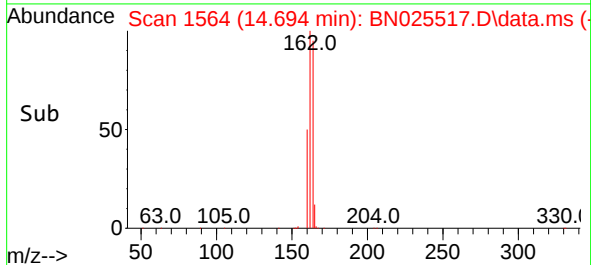
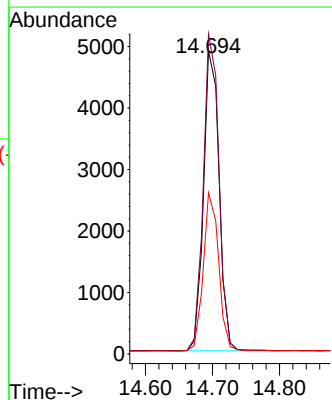
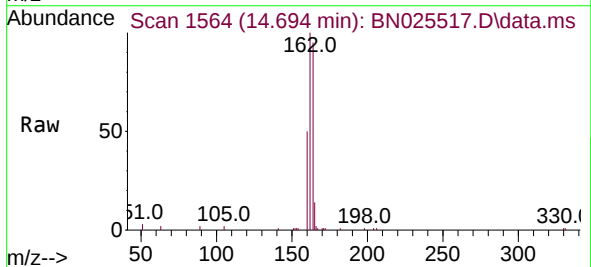
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RE125D1-20230517

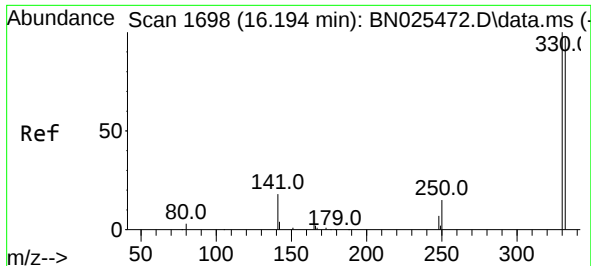
Tgt Ion:152 Resp: 7481
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Tgt Ion:164 Resp: 7908
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.2
160 53.1 41.4 62.2

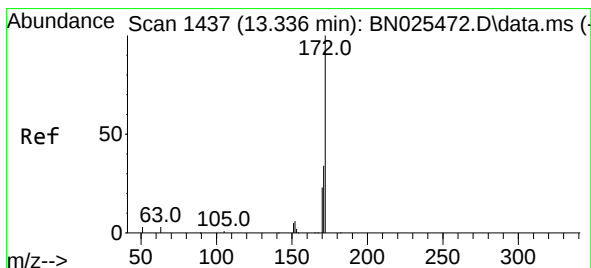
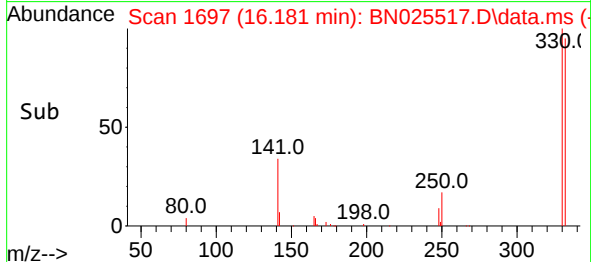
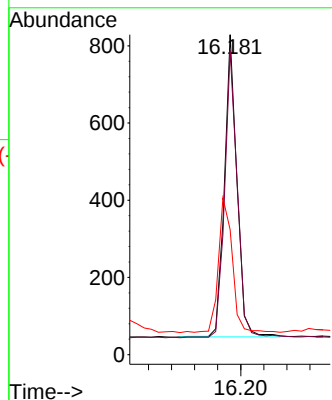
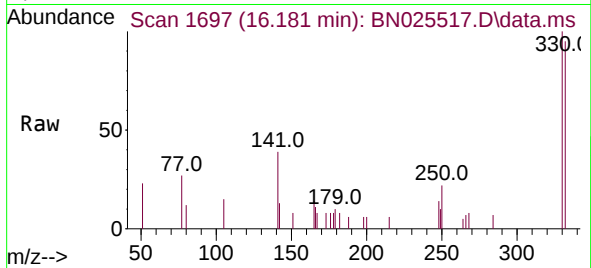




#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

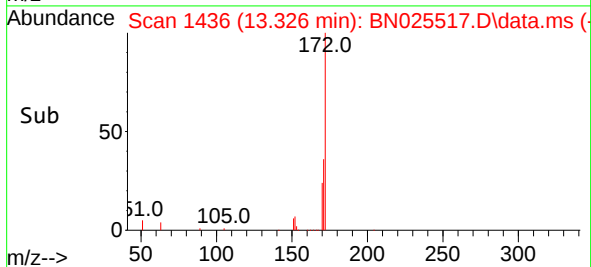
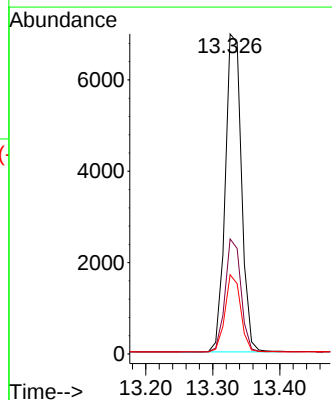
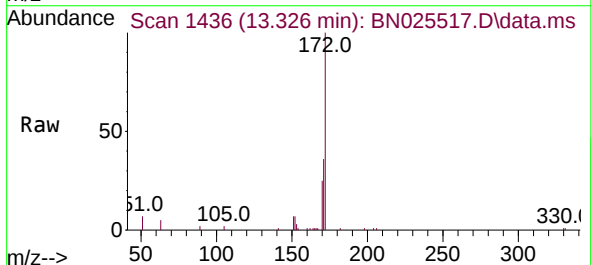
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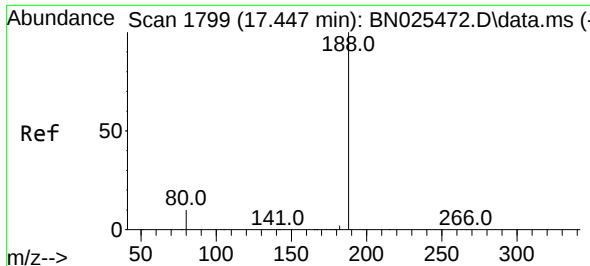
Tgt Ion:330 Resp: 1182
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 49.5 36.1 54.1



#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.326 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Tgt Ion:172 Resp: 11751
Ion Ratio Lower Upper
172 100
171 36.0 27.6 41.4
170 24.7 18.9 28.3

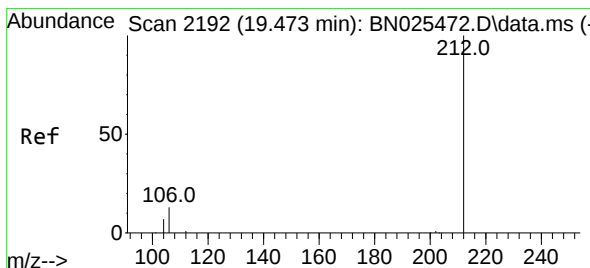
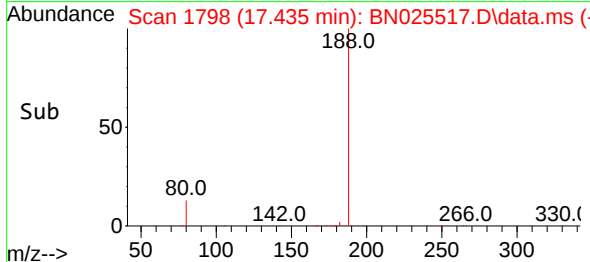
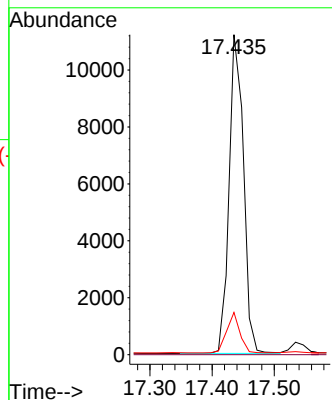
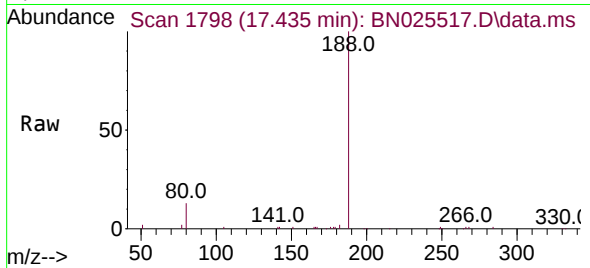




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

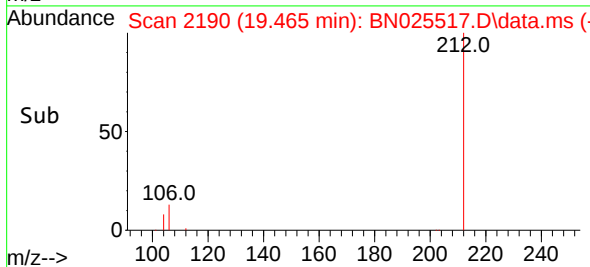
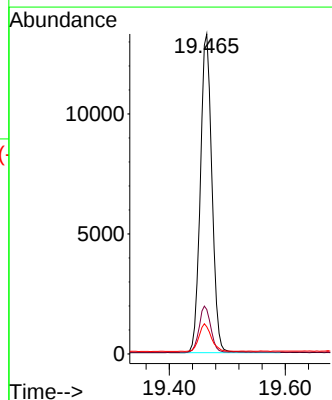
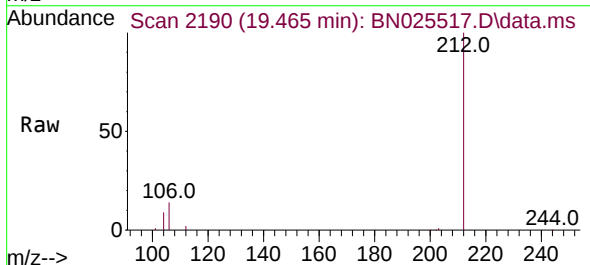
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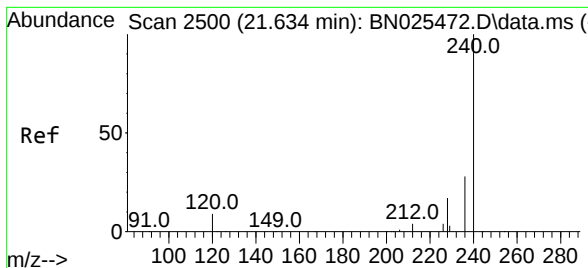
Tgt Ion:188 Resp: 17963
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.465 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN025517.D
Acq: 20 May 2023 10:34

Tgt Ion:212 Resp: 18441
Ion Ratio Lower Upper
212 100
106 14.4 11.4 17.2
104 9.2 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BN025517.D

Acq: 20 May 2023 10:34

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230517

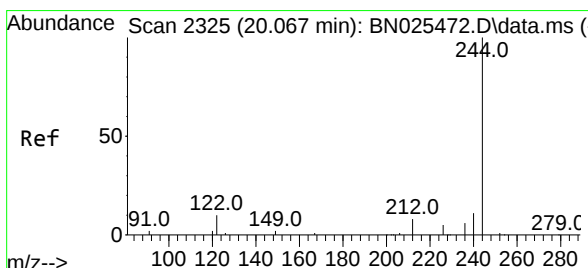
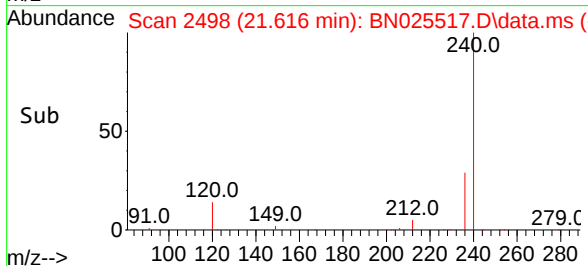
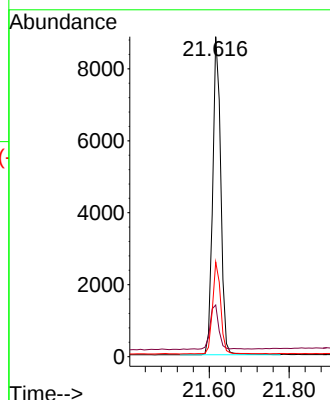
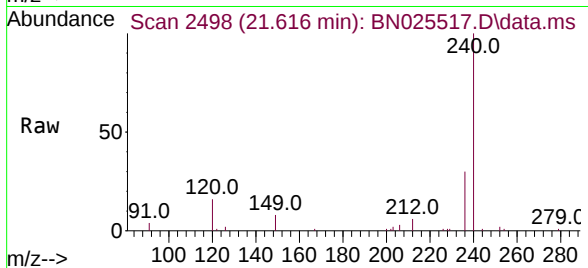
Tgt Ion:240 Resp: 12447

Ion Ratio Lower Upper

240 100

120 16.1 8.6 12.8#

236 29.6 22.7 34.1



#31

Terphenyl-d14

Concen: 0.491 ng

RT: 20.058 min Scan# 2324

Delta R.T. 0.009 min

Lab File: BN025517.D

Acq: 20 May 2023 10:34

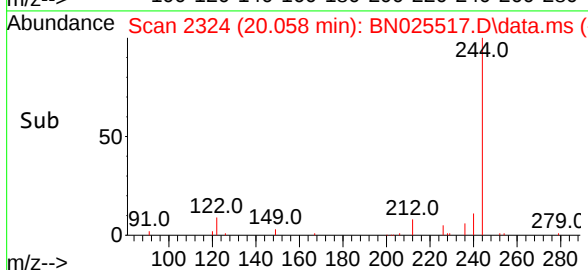
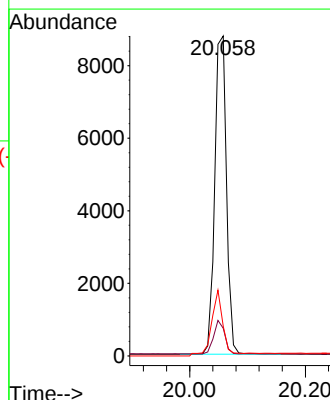
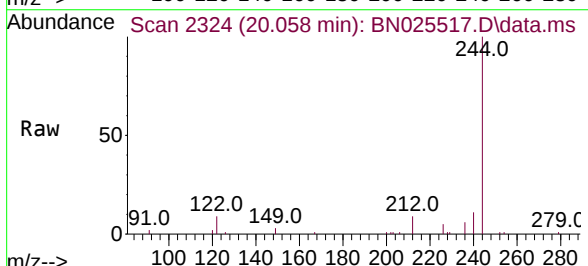
Tgt Ion:244 Resp: 10874

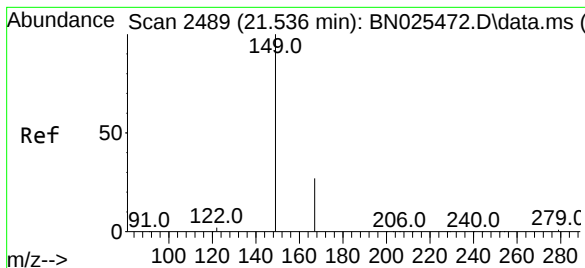
Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 9.3 8.1 12.1

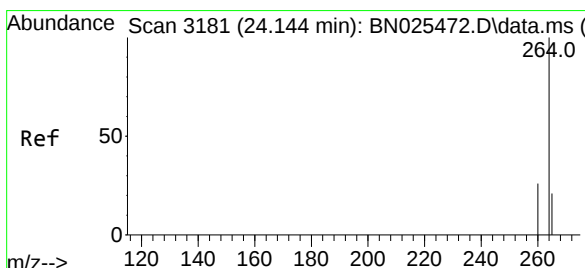
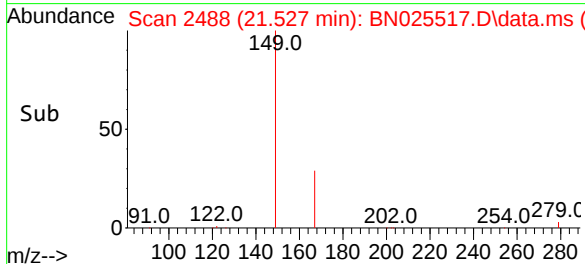
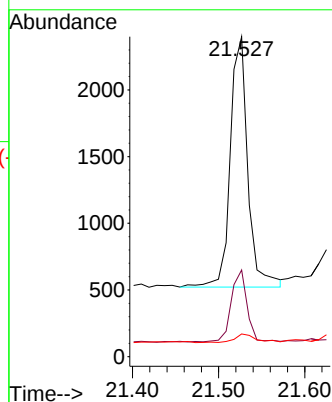
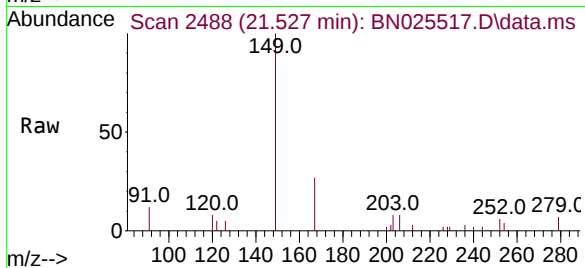




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.100 ng
 RT: 21.527 min Scan# 2488
 Delta R.T. 0.009 min
 Lab File: BN025517.D
 Acq: 20 May 2023 10:34

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230517

Tgt Ion:149 Resp: 2658
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.0 33.0
 279 4.0 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.135 min Scan# 3178
 Delta R.T. 0.015 min
 Lab File: BN025517.D
 Acq: 20 May 2023 10:34

Tgt Ion:264 Resp: 11055
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 43.8 27.1 40.7#

