

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025507.D
 Acq On : 20 May 2023 03:27
 Operator : CG/JU
 Sample : 02834-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20230516

Quant Time: May 20 04:03:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 02:17:42 2023
 Response via : Initial Calibration

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

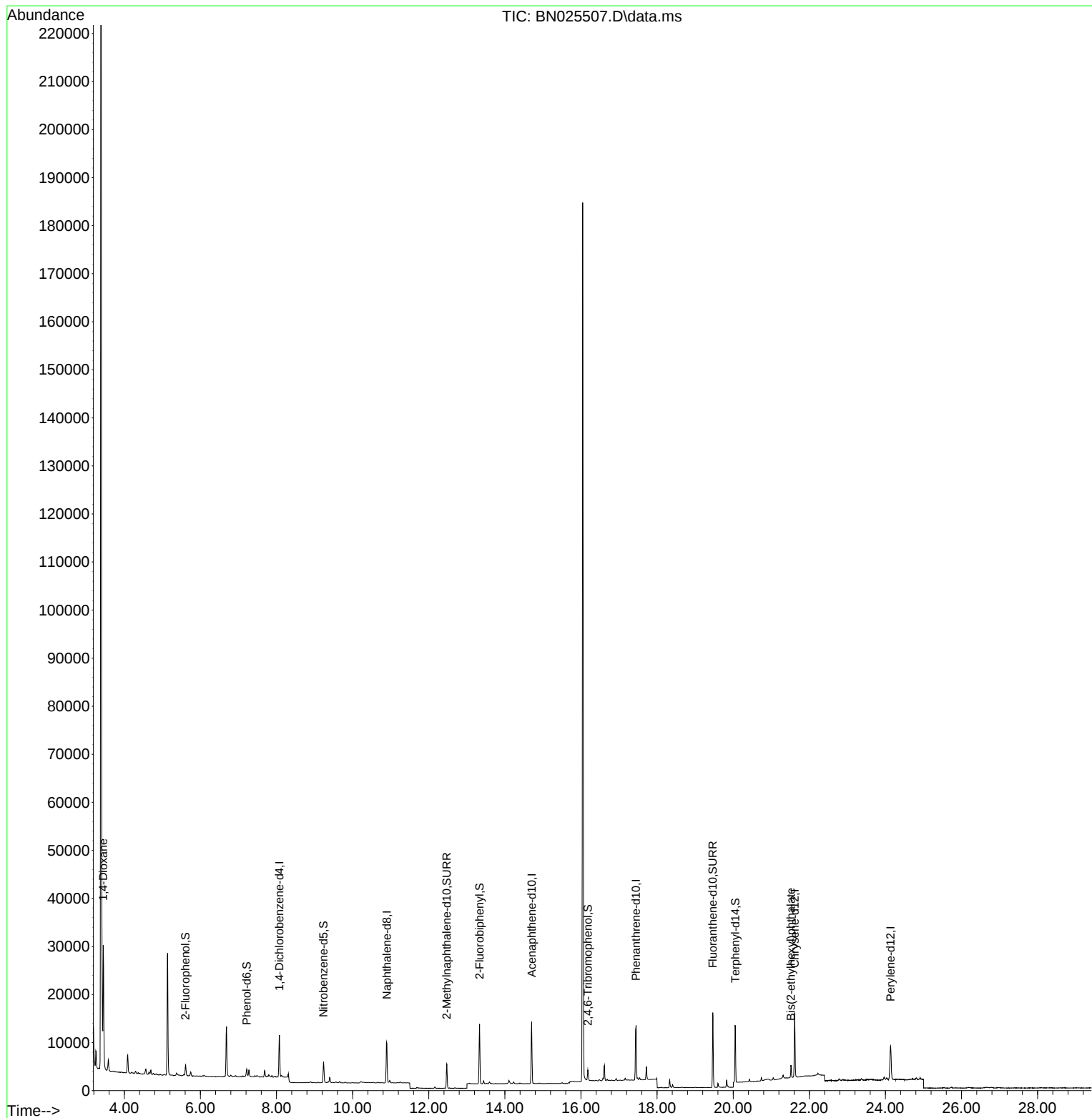
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	4320	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	12331	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	7299	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	17114	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	12408	0.400	ng	#-0.02
35) Perylene-d12	24.135	264	11745	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1704	0.175	ng	0.00
5) Phenol-d6	7.218	99	1348	0.108	ng	0.00
8) Nitrobenzene-d5	9.234	82	3593	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	6842	0.399	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1132	0.398	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	10728	0.384	ng	0.00
27) Fluoranthene-d10	19.464	212	16775	0.425	ng	0.00
31) Terphenyl-d14	20.058	244	11202	0.508	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	15623	3.545	ng	98
34) Bis(2-ethylhexyl)phtha...	21.517	149	2780	0.105	ng	97

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

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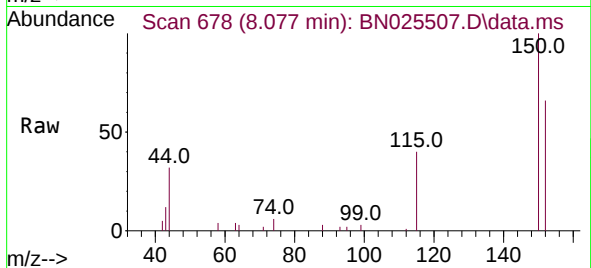
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration



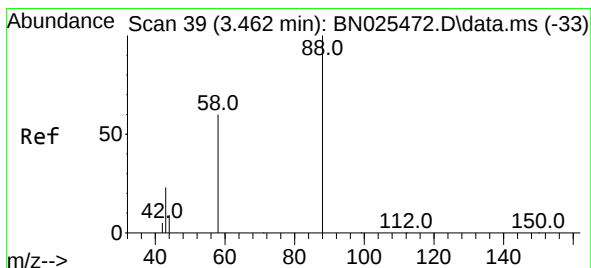
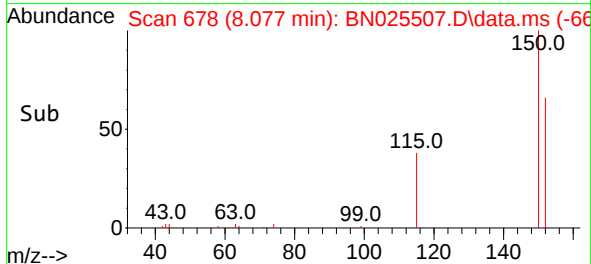
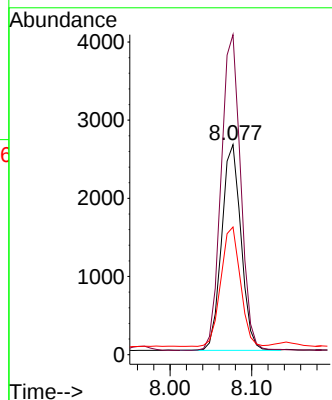


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.077 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025507.D
 Acq: 20 May 2023 03:27

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20230516

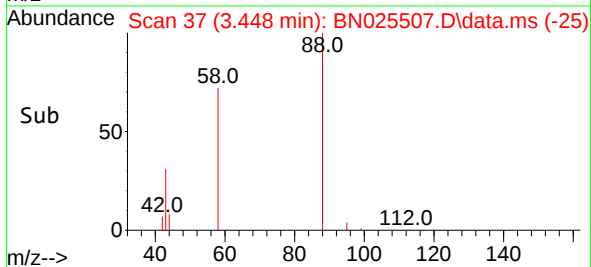
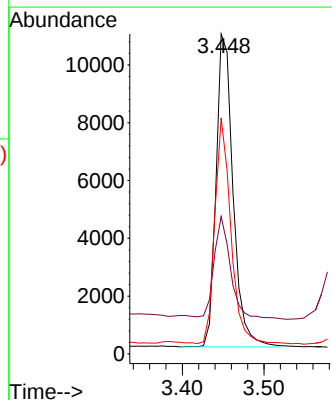
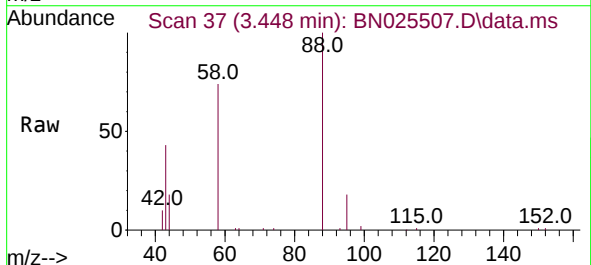


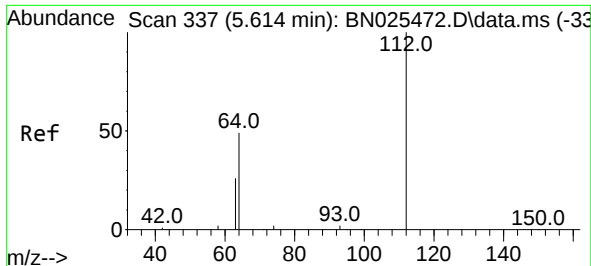
Tgt Ion:152 Resp: 4320
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.3 187.9
 115 60.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 3.545 ng
 RT: 3.448 min Scan# 37
 Delta R.T. -0.014 min
 Lab File: BN025507.D
 Acq: 20 May 2023 03:27

Tgt Ion: 88 Resp: 15623
 Ion Ratio Lower Upper
 88 100
 43 31.2 23.8 35.6
 58 68.0 55.1 82.7

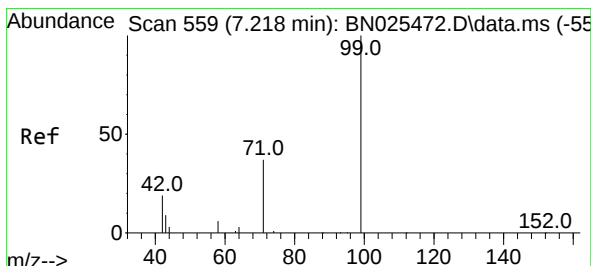
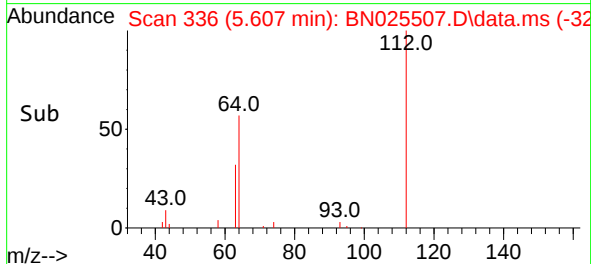
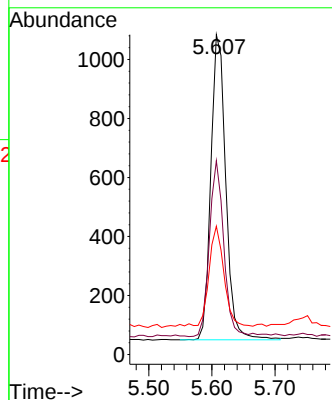
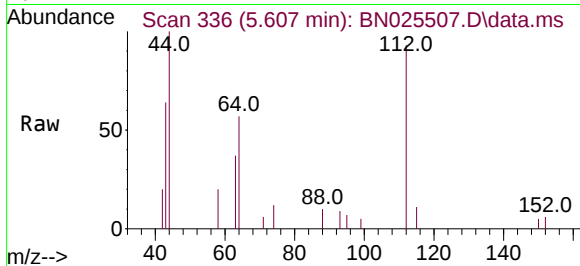




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

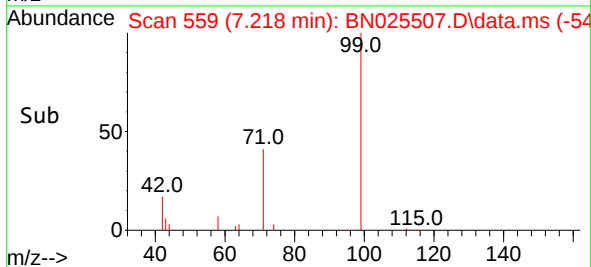
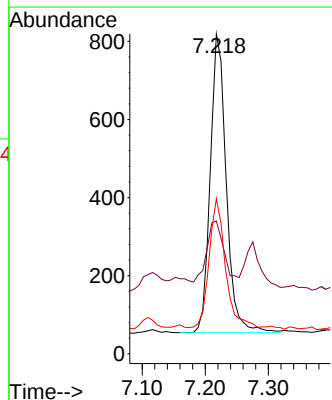
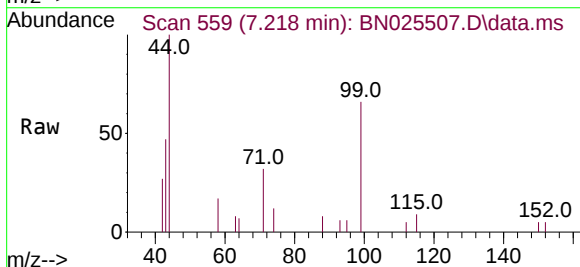
Instrument :
BNA_N
ClientSampleId :
RE122D1-20230516

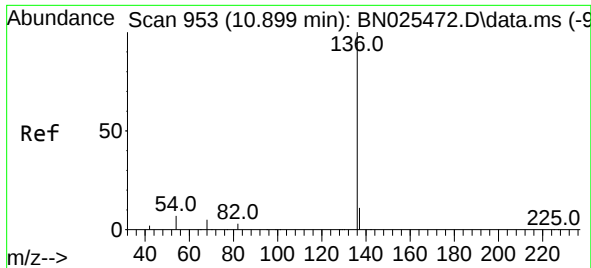
Tgt Ion:112 Resp: 1704
Ion Ratio Lower Upper
112 100
64 56.3 44.0 66.0
63 32.6 24.0 36.0



#5
Phenol-d6
Concen: 0.108 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

Tgt Ion: 99 Resp: 1348
Ion Ratio Lower Upper
99 100
42 22.3 15.8 23.8
71 43.6 28.6 43.0#

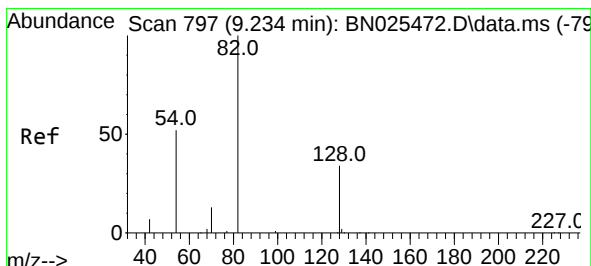
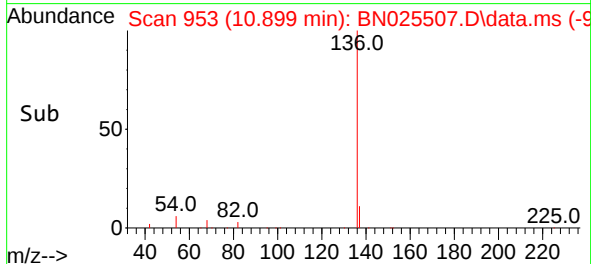
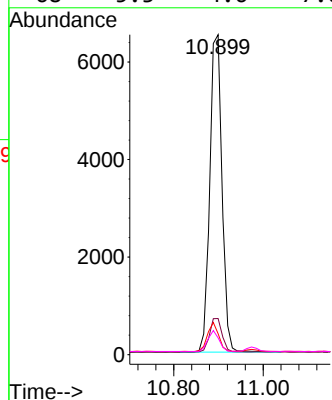
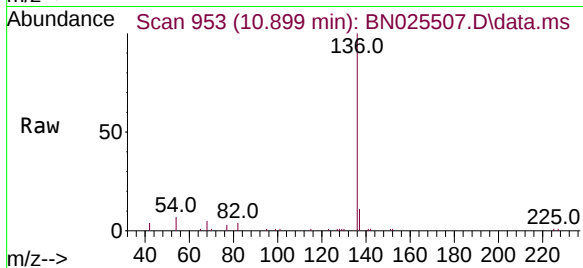




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.899 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

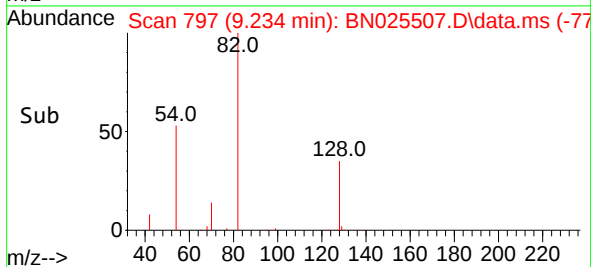
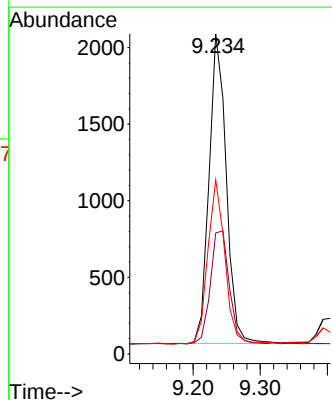
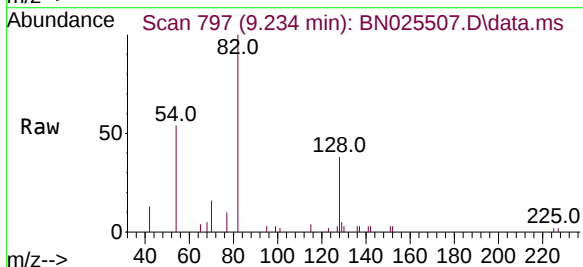
Instrument :
BNA_N
ClientSampleId :
RE122D1-20230516

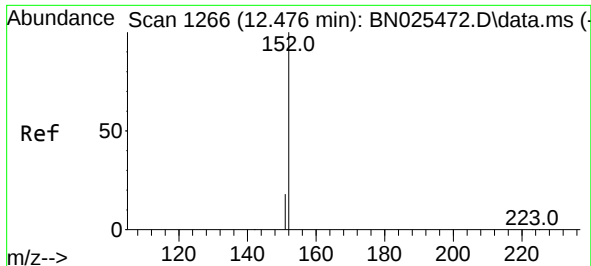
Tgt Ion:	136	Resp:	12331
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	5.8	8.6
68	5.3	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

Tgt Ion:	82	Resp:	3593
Ion	Ratio	Lower	Upper
82	100		
128	37.8	27.9	41.9
54	54.4	42.4	63.6

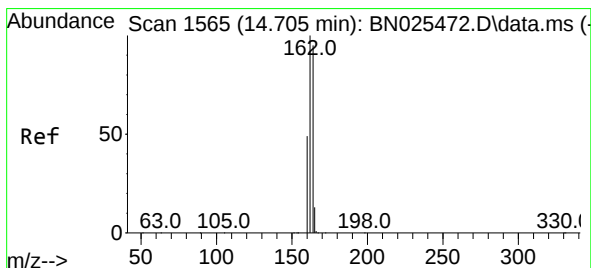
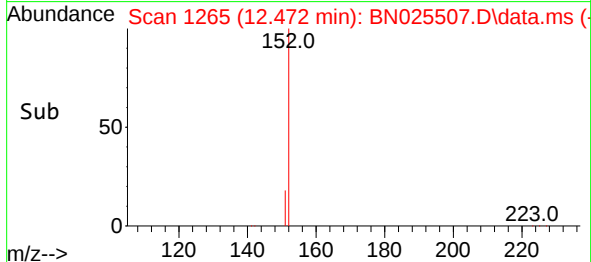
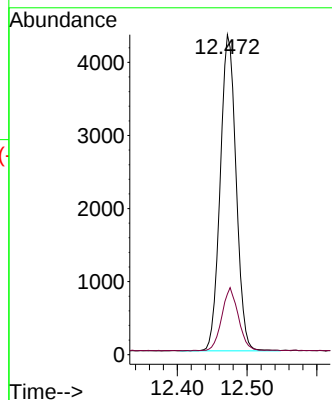
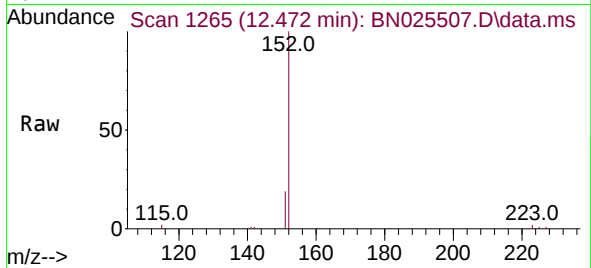




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.472 min Scan# 1266
Delta R.T. -0.004 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

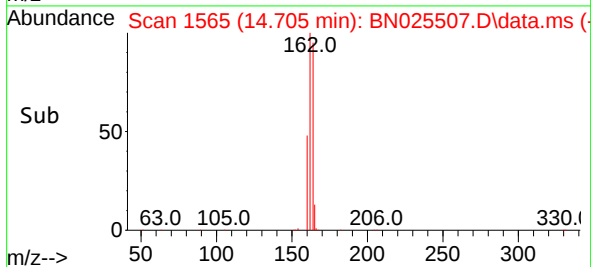
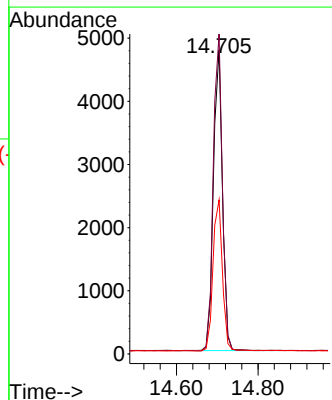
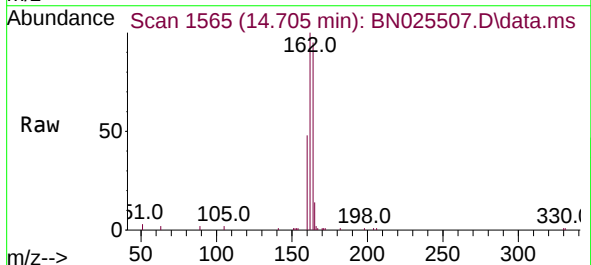
Instrument :
BNA_N
ClientSampleId :
RE122D1-20230516

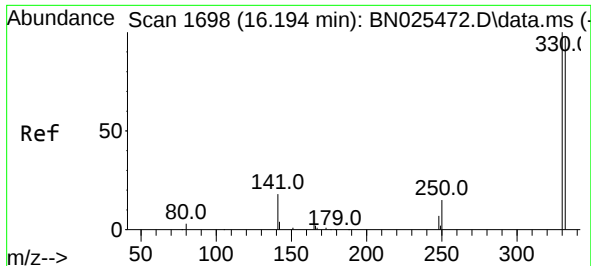
Tgt Ion:152 Resp: 6842
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

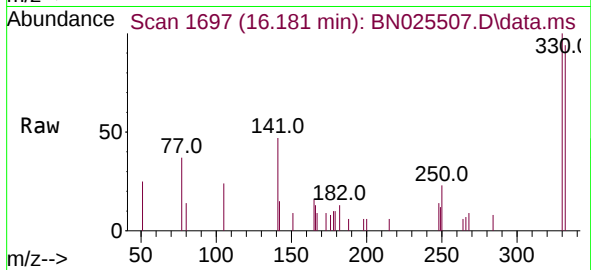
Tgt Ion:164 Resp: 7299
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 50.6 41.4 62.2



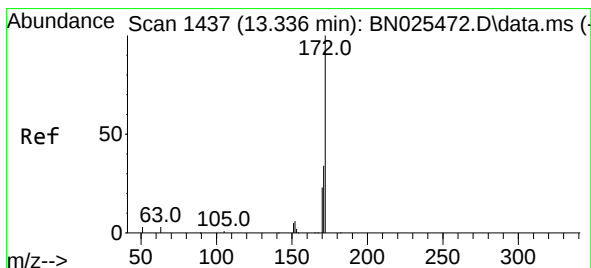
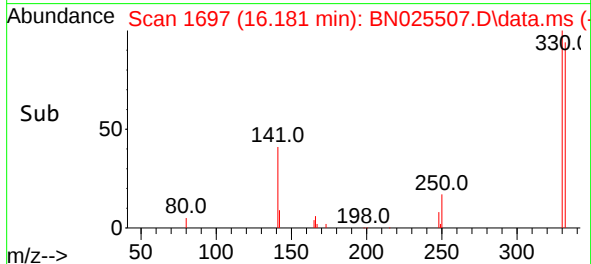
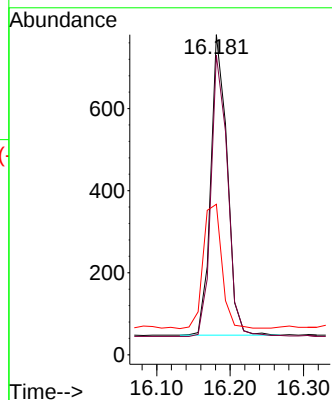


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.013 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230516

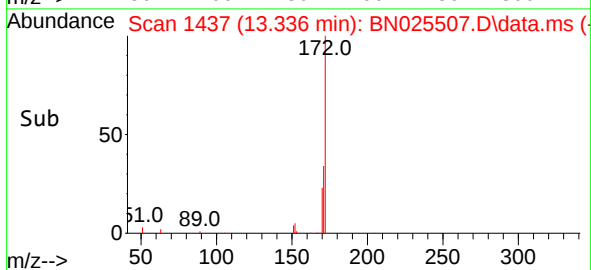
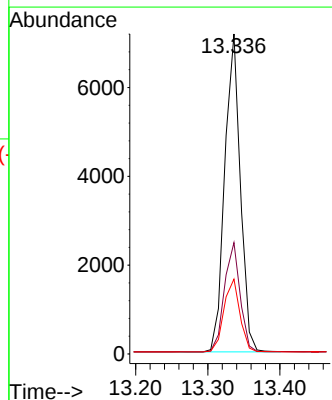
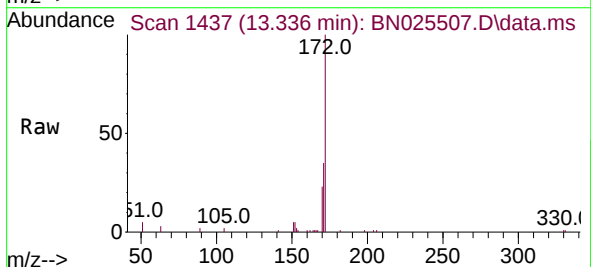


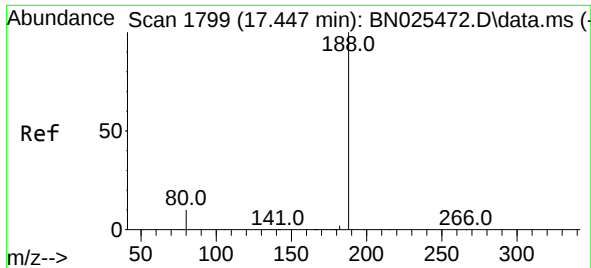
Tgt Ion:330 Resp: 1132
Ion Ratio Lower Upper
330 100
332 95.0 76.1 114.1
141 47.3 36.1 54.1



#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.336 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

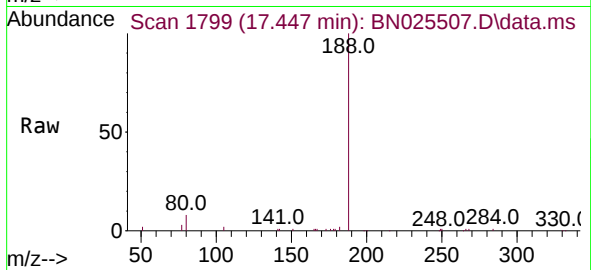
Tgt Ion:172 Resp: 10728
Ion Ratio Lower Upper
172 100
171 34.8 27.6 41.4
170 23.4 18.9 28.3



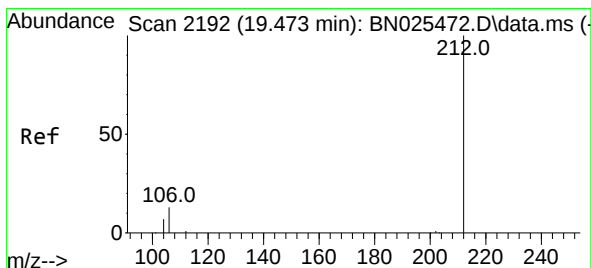
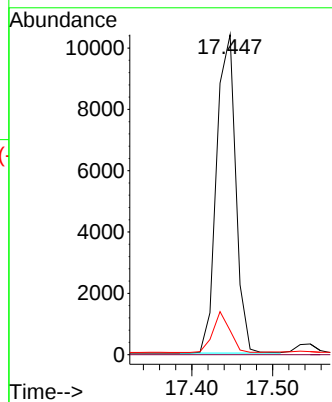
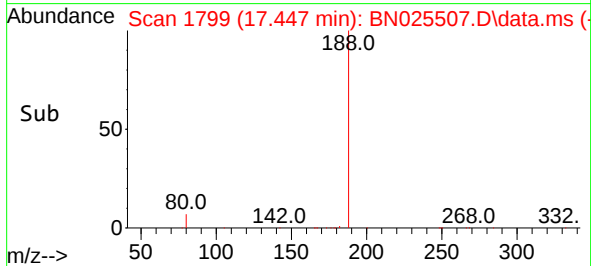


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

Instrument :
BNA_N
ClientSampleId :
RE122D1-20230516

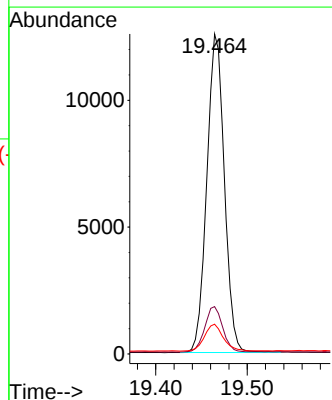
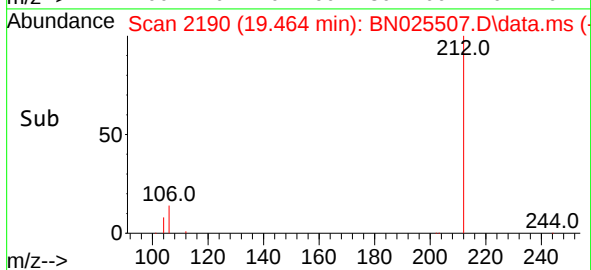
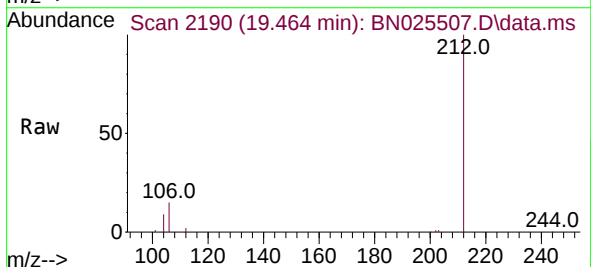


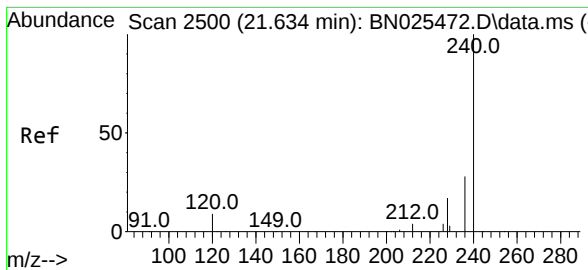
Tgt Ion:188 Resp: 17114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BN025507.D
Acq: 20 May 2023 03:27

Tgt Ion:212 Resp: 16775
Ion Ratio Lower Upper
212 100
106 14.6 11.4 17.2
104 9.0 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. -0.018 min

Lab File: BN025507.D

Acq: 20 May 2023 03:27

Instrument :

BNA_N

ClientSampleId :

RE122D1-20230516

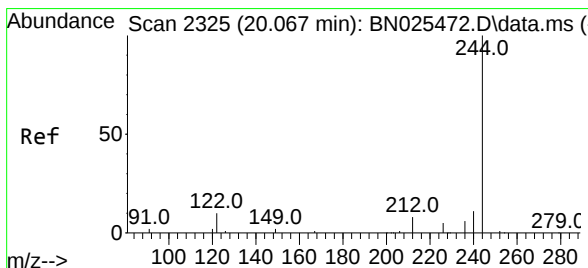
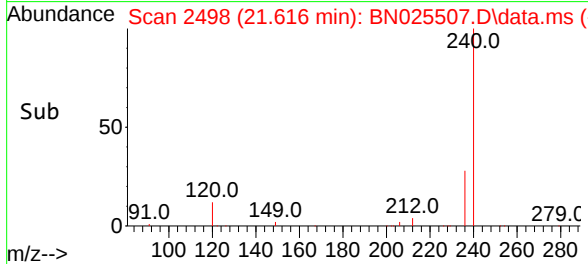
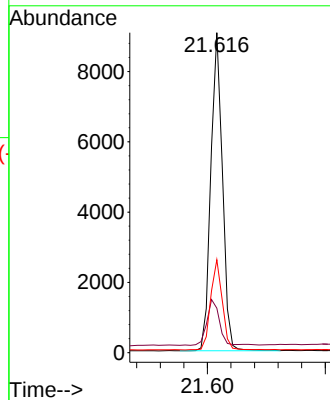
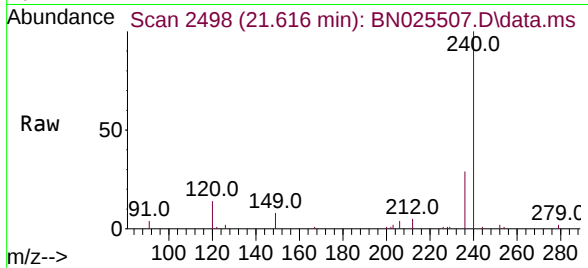
Tgt Ion:240 Resp: 12408

Ion Ratio Lower Upper

240 100

120 13.9 8.6 12.8#

236 29.0 22.7 34.1



#31

Terphenyl-d14

Concen: 0.508 ng

RT: 20.058 min Scan# 2324

Delta R.T. -0.009 min

Lab File: BN025507.D

Acq: 20 May 2023 03:27

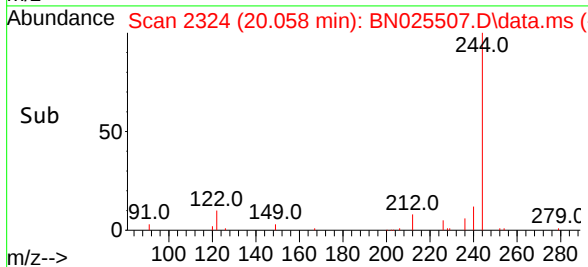
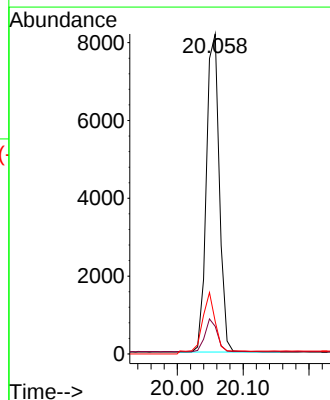
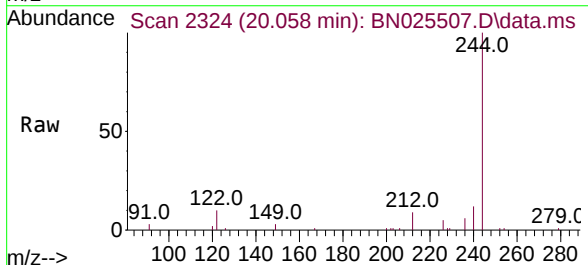
Tgt Ion:244 Resp: 11202

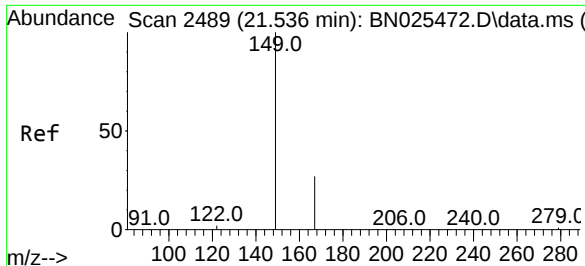
Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 10.1 8.1 12.1

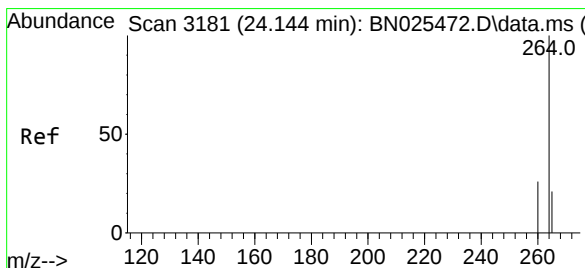
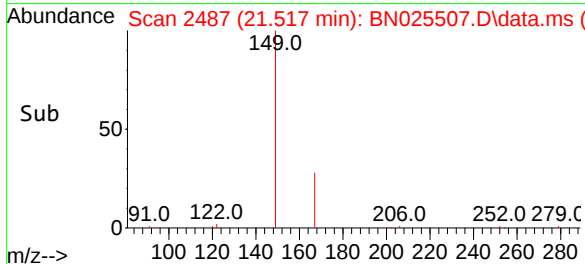
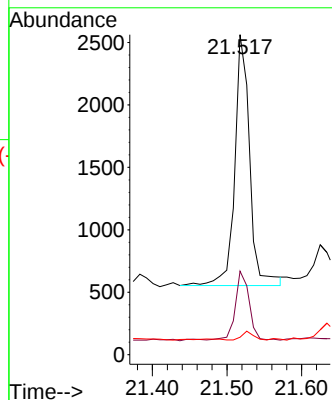
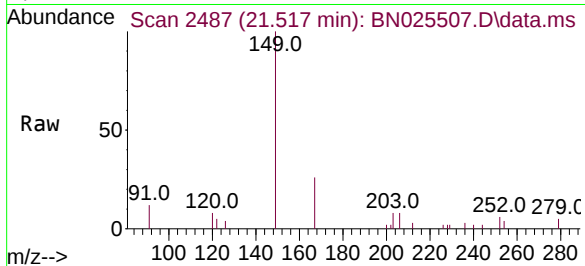




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.517 min Scan# 2487
 Delta R.T. -0.019 min
 Lab File: BN025507.D
 Acq: 20 May 2023 03:27

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20230516

Tgt Ion:149 Resp: 2780
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.0 33.0
 279 2.6 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.135 min Scan# 3178
 Delta R.T. -0.009 min
 Lab File: BN025507.D
 Acq: 20 May 2023 03:27

Tgt Ion:264 Resp: 11745
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.2 31.8
 265 45.9 27.1 40.7#

