

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025634.D
 Acq On : 27 May 2023 07:29
 Operator : CG/JU
 Sample : 02880-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20230518

Quant Time: May 29 00:30:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

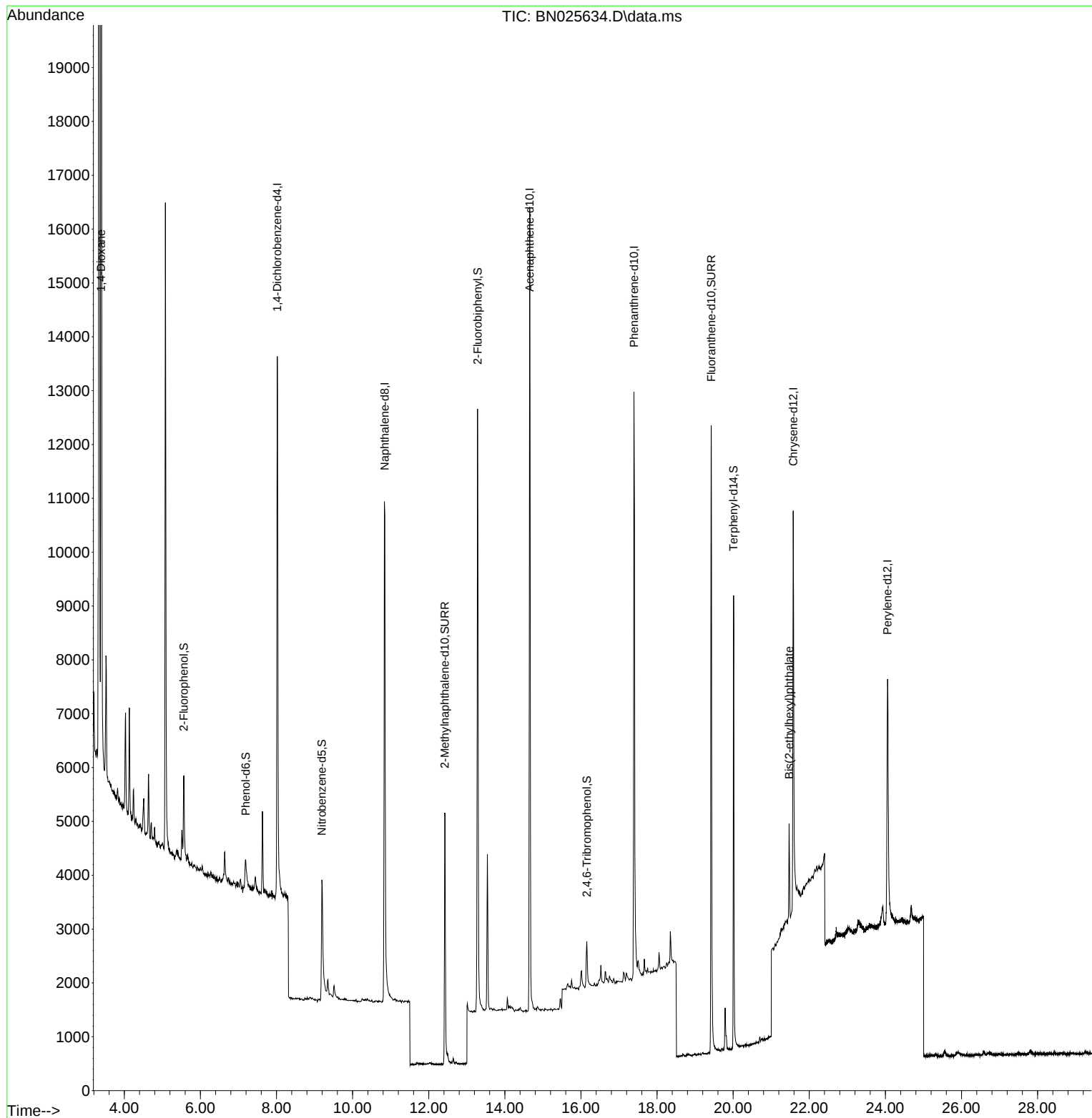
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5563	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15557	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	8851	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17179	0.400	ng	0.00
29) Chrysene-d12	21.578	240	8863	0.400	ng	0.00
35) Perylene-d12	24.057	264	8230	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1665	0.117	ng	0.00
5) Phenol-d6	7.189	99	930	0.054	ng	0.01
8) Nitrobenzene-d5	9.191	82	3163	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7351	0.331	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	620	0.347	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10633	0.291	ng	0.00
27) Fluoranthene-d10	19.425	212	14467	0.372	ng	0.00
31) Terphenyl-d14	20.011	244	8481	0.437	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	24891	3.864	ng	98
34) Bis(2-ethylhexyl)phtha...	21.471	149	1798	0.089	ng	99

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

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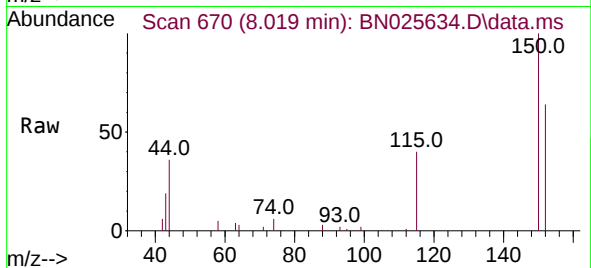
Quant Time: May 29 00:30:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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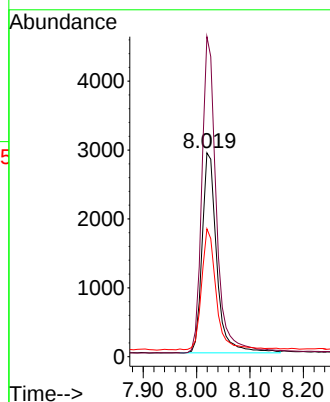
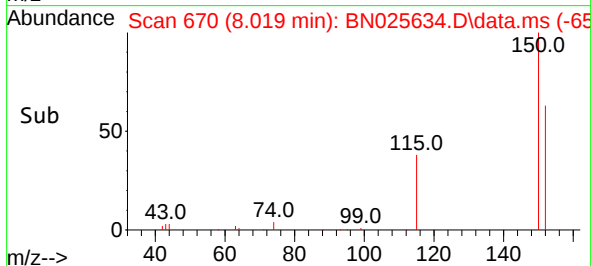


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

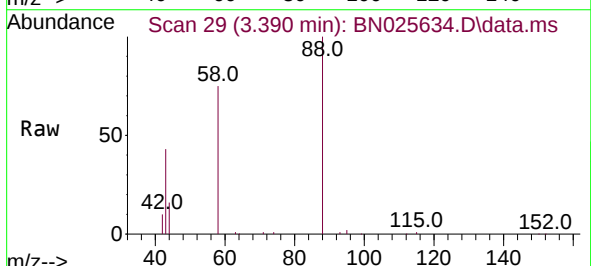
Instrument :
BNA_N
ClientSampleId :
RE105D1-20230518



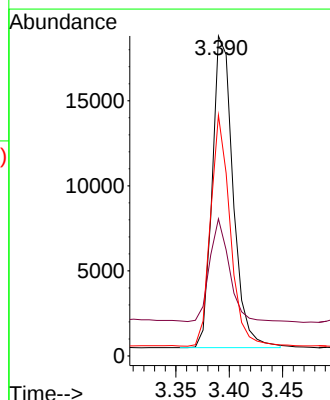
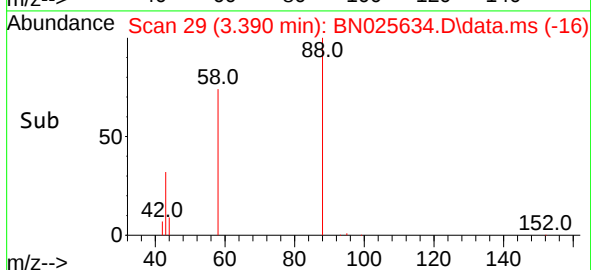
Tgt Ion:152 Resp: 5563
Ion Ratio Lower Upper
152 100
150 157.0 121.0 181.6
115 62.7 48.5 72.7



#2
1,4-Dioxane
Concen: 3.864 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29



Tgt Ion: 88 Resp: 24891
Ion Ratio Lower Upper
88 100
43 31.0 26.5 39.7
58 69.5 56.8 85.2

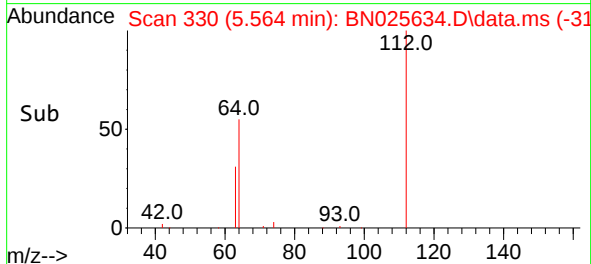
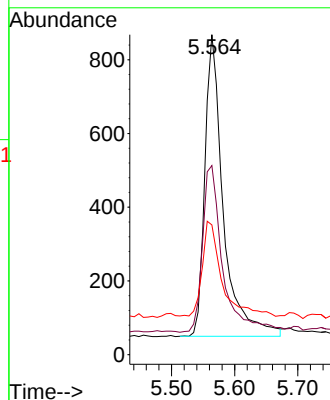
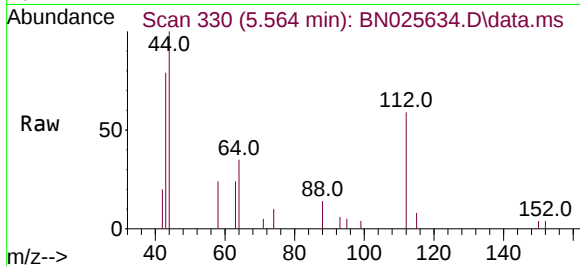




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.564 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

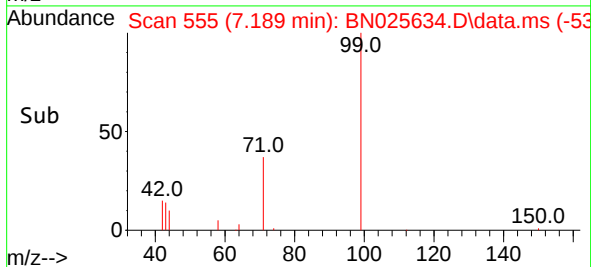
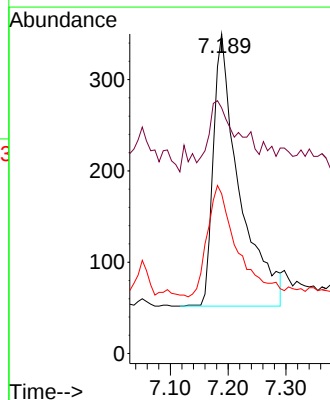
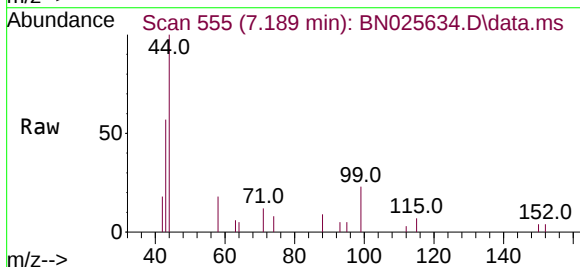
Instrument :
BNA_N
ClientSampleId :
RE105D1-20230518

Tgt Ion:112 Resp: 1665
Ion Ratio Lower Upper
112 100
64 60.5 45.7 68.5
63 33.5 26.2 39.2



#5
Phenol-d6
Concen: 0.054 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

Tgt Ion: 99 Resp: 930
Ion Ratio Lower Upper
99 100
42 25.3 17.1 25.7
71 47.0 29.3 43.9#

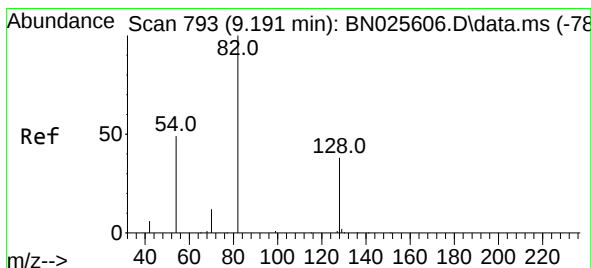
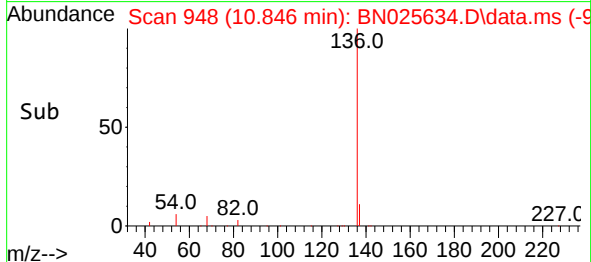
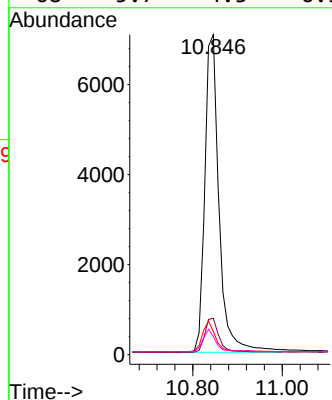
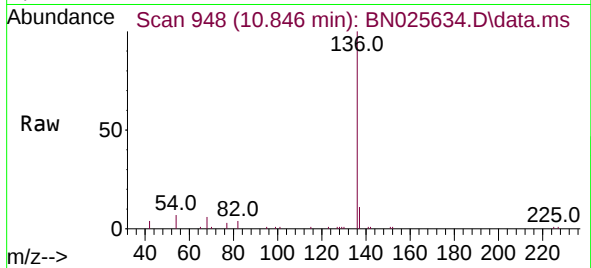




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

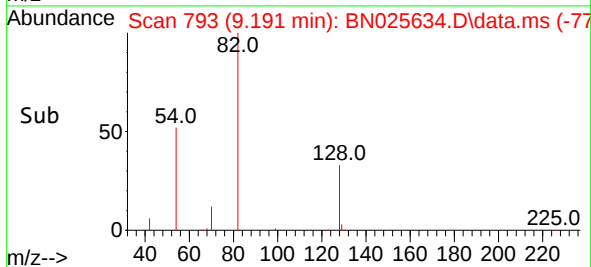
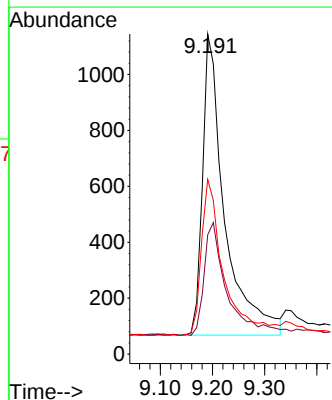
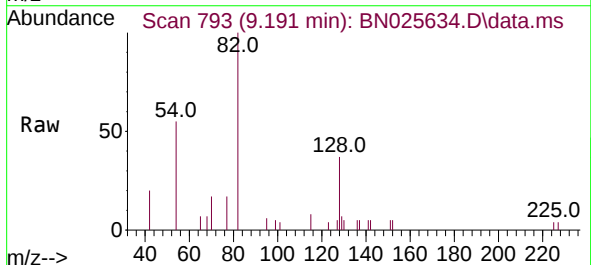
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ClientSampleId :
RE105D1-20230518

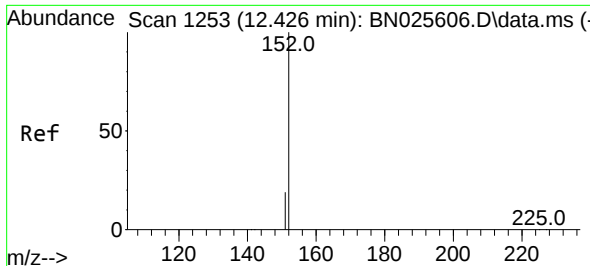
Tgt Ion:	136	Resp:	15557
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.3	5.4	8.0
68	5.7	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

Tgt Ion:	82	Resp:	3163
Ion Ratio	Lower	Upper	
82	100		
128	37.3	32.5	48.7
54	54.6	40.6	60.8

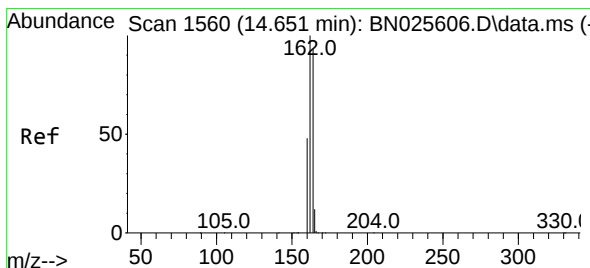
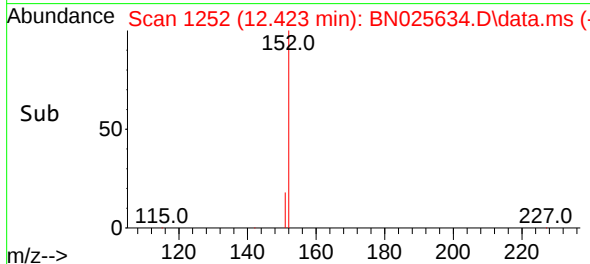
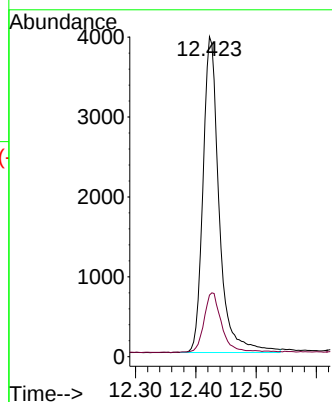
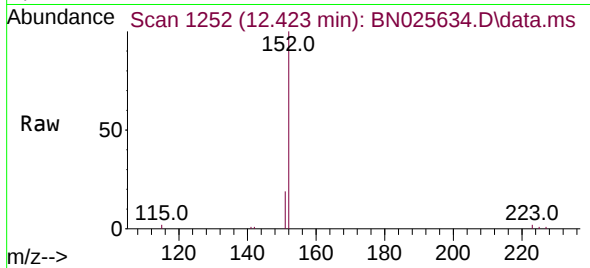




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

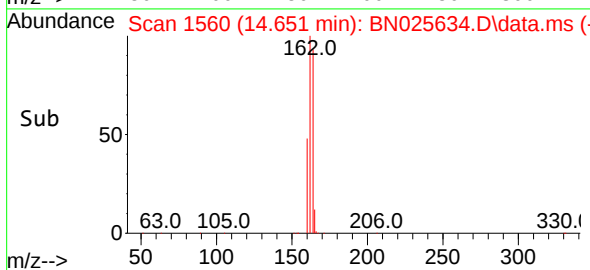
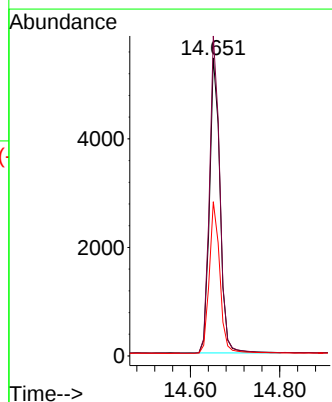
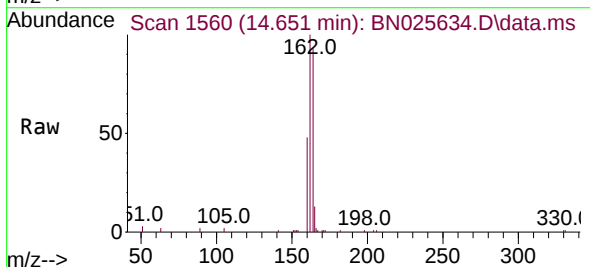
Instrument :
BNA_N
ClientSampleId :
RE105D1-20230518

Tgt Ion:152 Resp: 7351
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

Tgt Ion:164 Resp: 8851
Ion Ratio Lower Upper
164 100
162 107.3 86.4 129.6
160 51.7 41.9 62.9

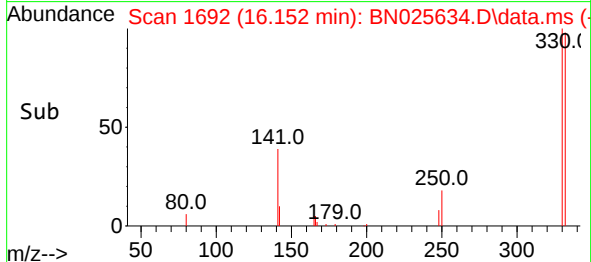
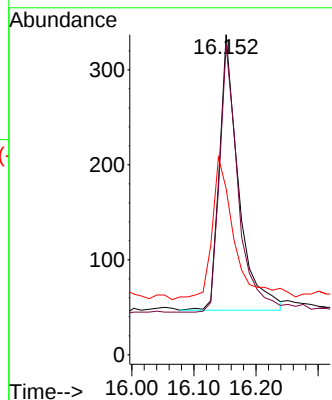
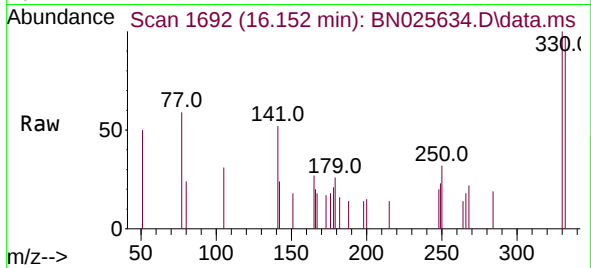




#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

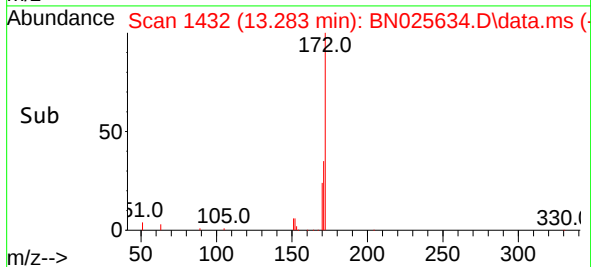
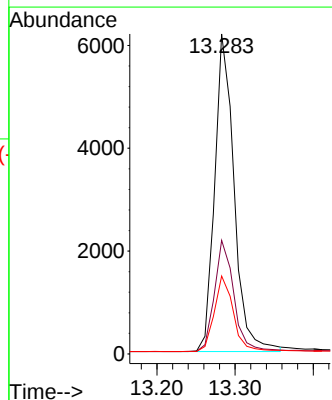
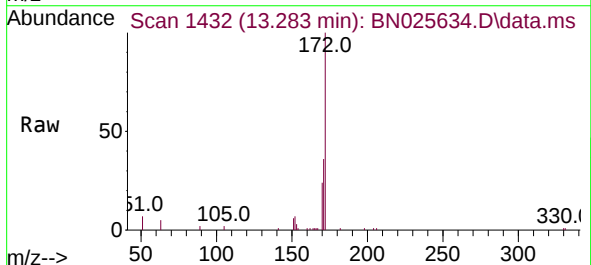
Instrument :
BNA_N
ClientSampleId :
RE105D1-20230518

Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 94.8 80.0 120.0
141 55.8 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

Tgt Ion:172 Resp: 10633
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.3 19.7 29.5

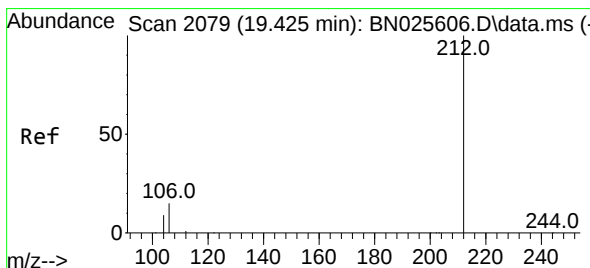
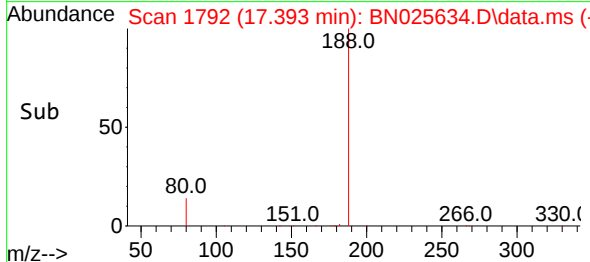
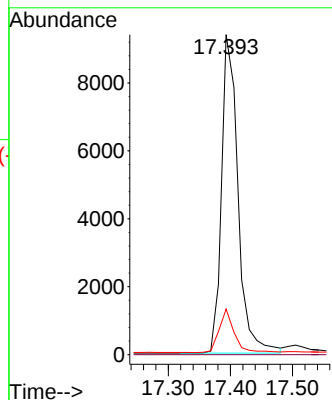
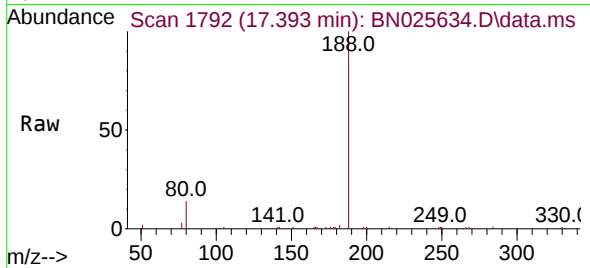




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

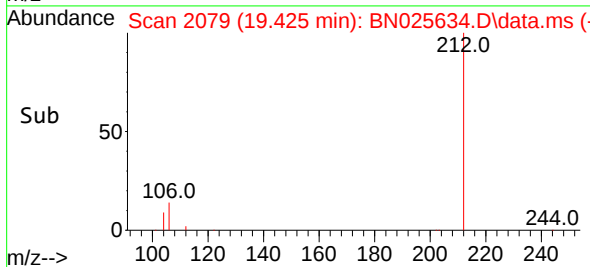
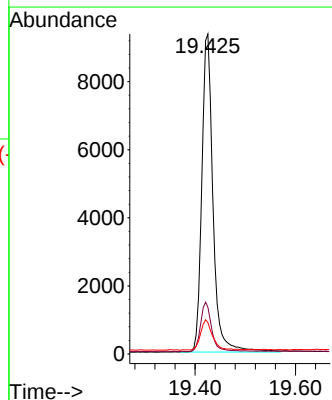
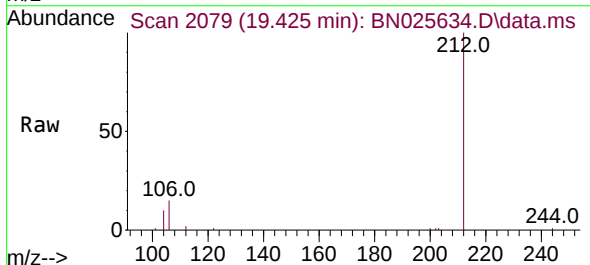
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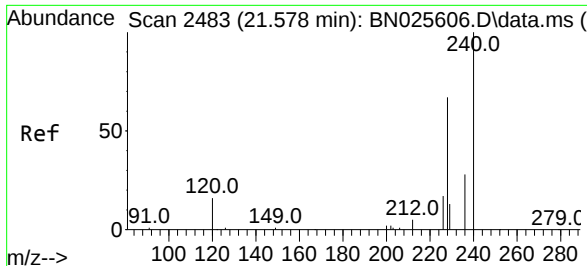
Tgt Ion:188 Resp: 17179
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.425 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

Tgt Ion:212 Resp: 14467
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 10.4 7.2 10.8

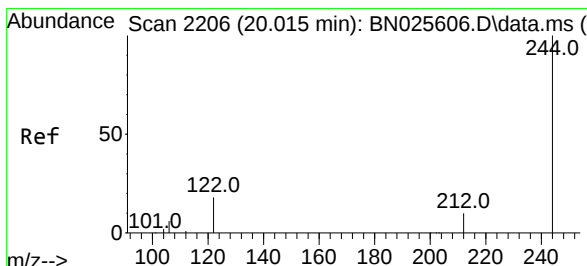
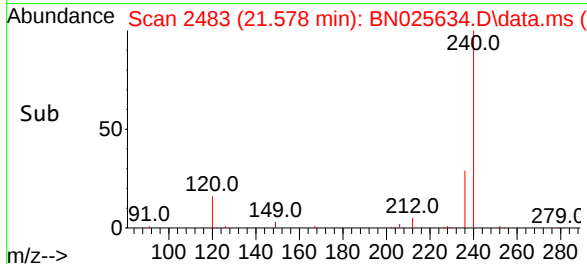
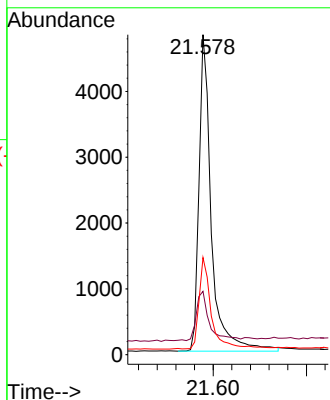
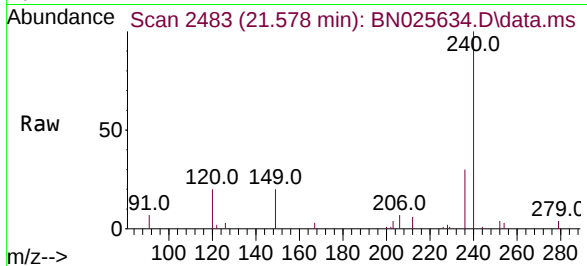




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

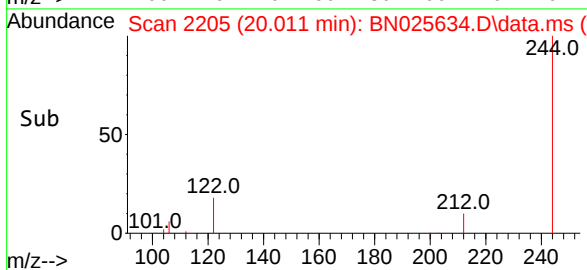
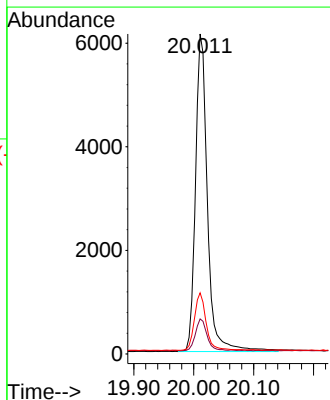
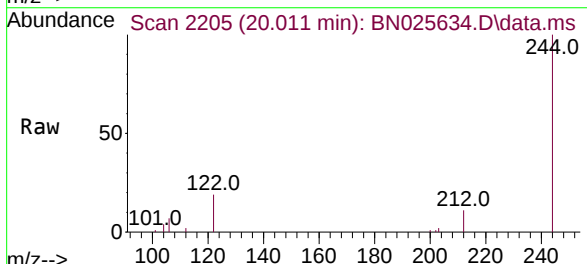
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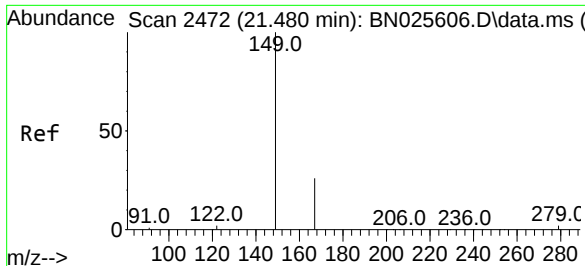
Tgt Ion:240 Resp: 8863
Ion Ratio Lower Upper
240 100
120 19.8 15.4 23.0
236 30.3 23.2 34.8



#31
Terphenyl-d14
Concen: 0.437 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025634.D
Acq: 27 May 2023 07:29

Tgt Ion:244 Resp: 8481
Ion Ratio Lower Upper
244 100
212 10.9 8.5 12.7
122 19.1 14.9 22.3

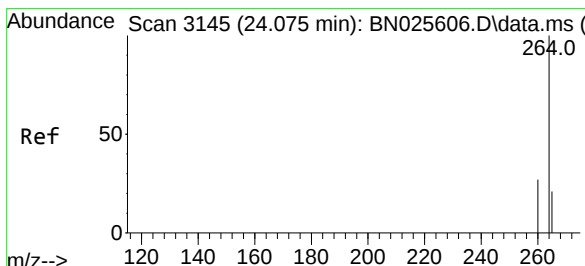
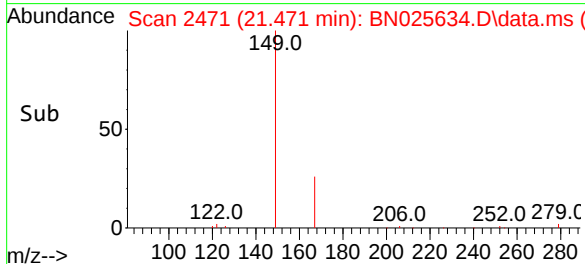
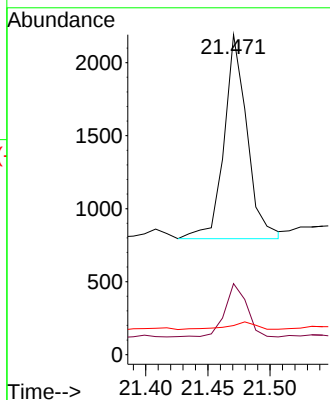
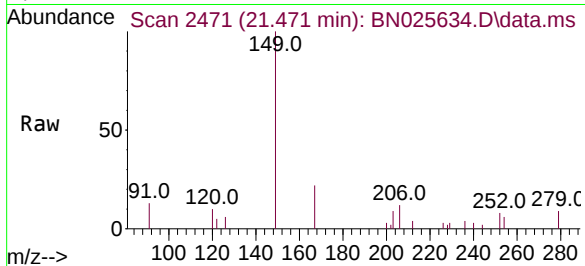




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN025634.D
 Acq: 27 May 2023 07:29

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20230518

Tgt Ion:149 Resp: 1798
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.4 30.6
 279 4.5 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 3139
 Delta R.T. -0.018 min
 Lab File: BN025634.D
 Acq: 27 May 2023 07:29

Tgt Ion:264 Resp: 8230
 Ion Ratio Lower Upper
 264 100
 260 27.0 22.3 33.5
 265 68.1 54.3 81.5

