

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025695.D
 Acq On : 28 May 2023 23:24
 Operator : CG/JU
 Sample : 02943-01
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20230523

Quant Time: May 29 01:42:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

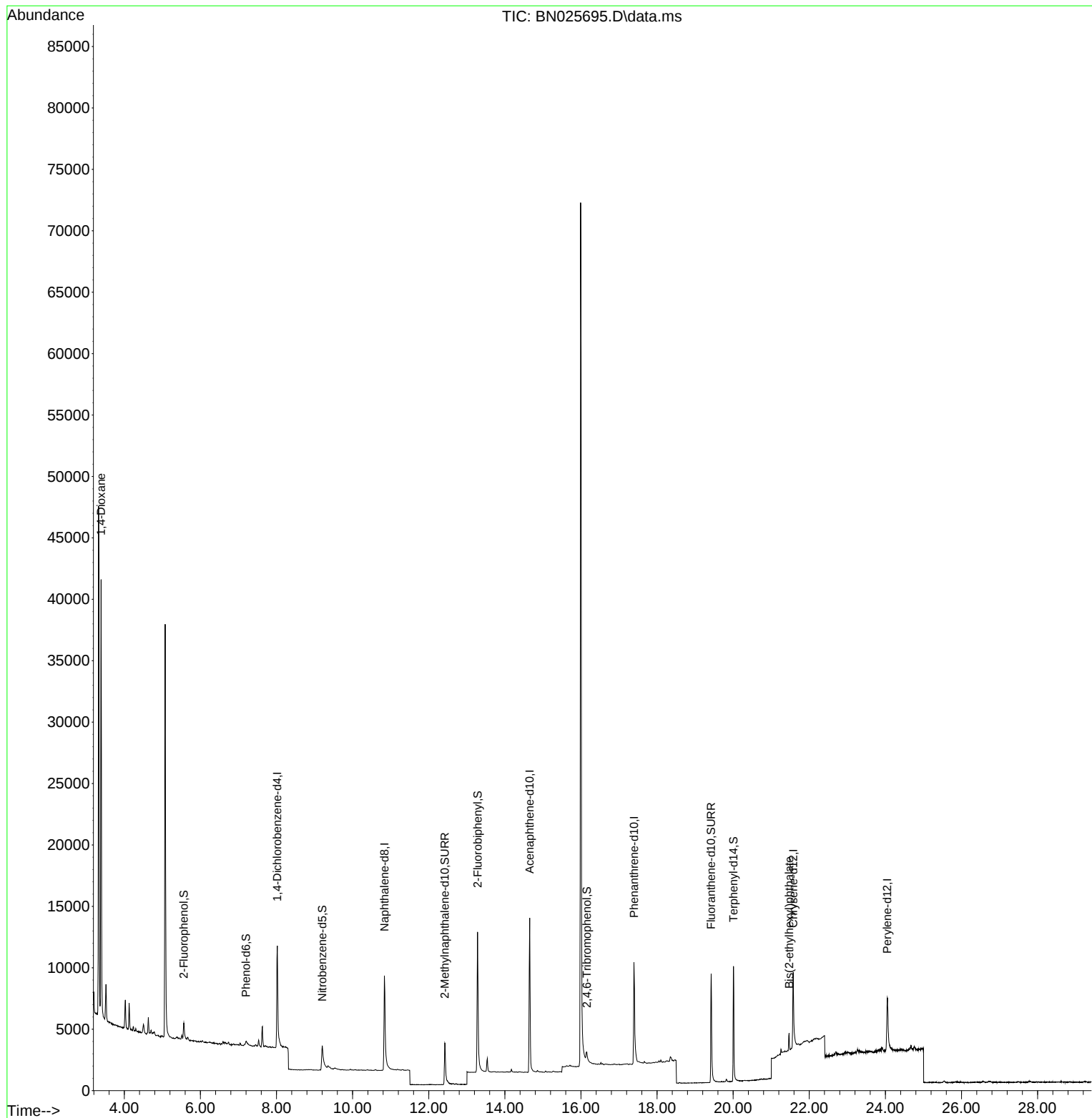
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5204	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14074	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7958	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	14808	0.400	ng	0.00
29) Chrysene-d12	21.578	240	7849	0.400	ng	0.00
35) Perylene-d12	24.051	264	7936	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1626	0.122	ng	0.00
5) Phenol-d6	7.196	99	853	0.053	ng	0.02
8) Nitrobenzene-d5	9.202	82	3415	0.290	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	6849	0.341	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	600	0.373	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12407	0.378	ng	0.00
27) Fluoranthene-d10	19.421	212	12070	0.360	ng	0.00
31) Terphenyl-d14	20.011	244	10334	0.601	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	21639	3.591	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	1623	0.091	ng	# 95

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

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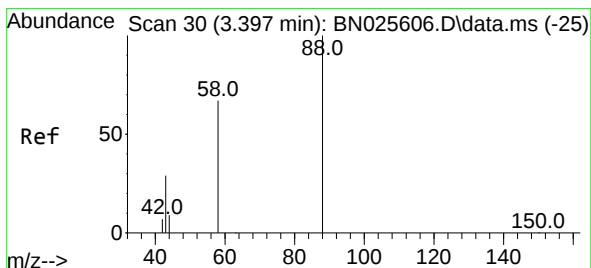
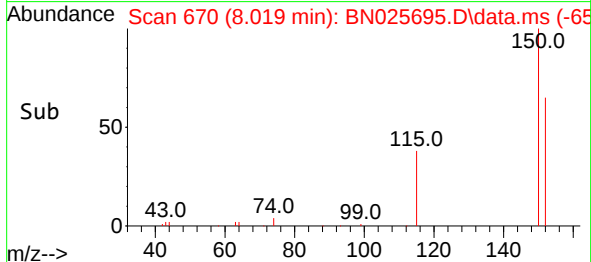
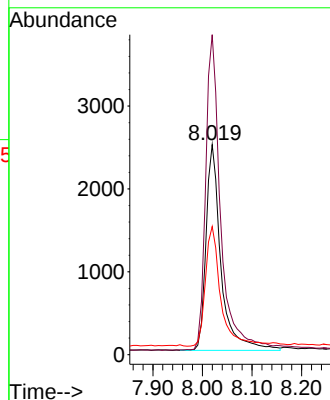
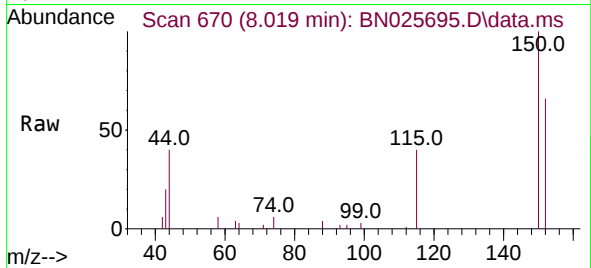




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN025695.D
 Acq: 28 May 2023 23:24

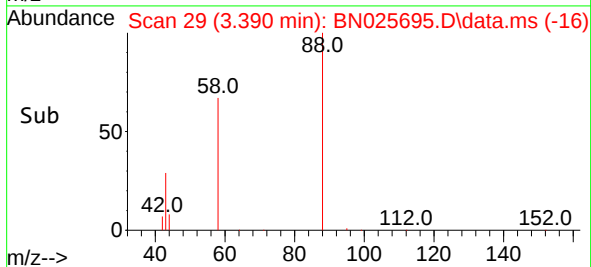
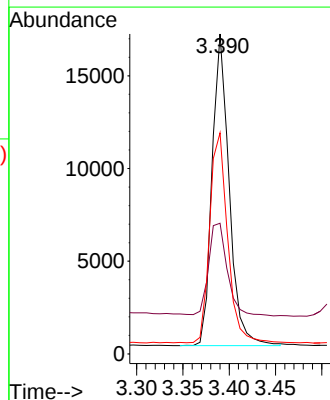
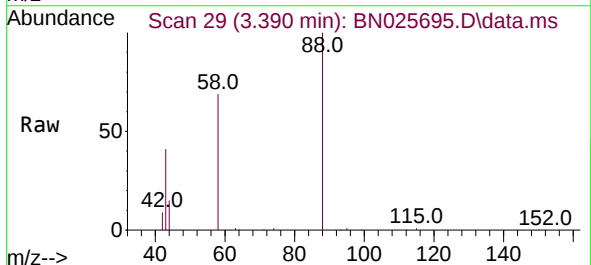
Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20230523

Tgt Ion:152 Resp: 5204
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.0 181.6
 115 61.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 3.591 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN025695.D
 Acq: 28 May 2023 23:24

Tgt Ion: 88 Resp: 21639
 Ion Ratio Lower Upper
 88 100
 43 32.4 26.5 39.7
 58 70.1 56.8 85.2

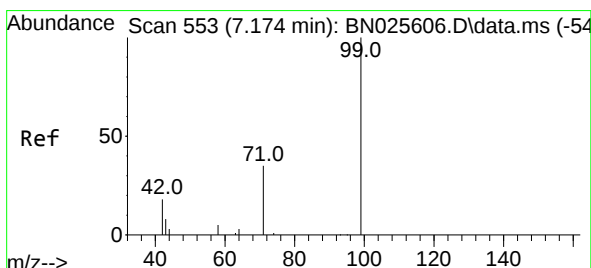
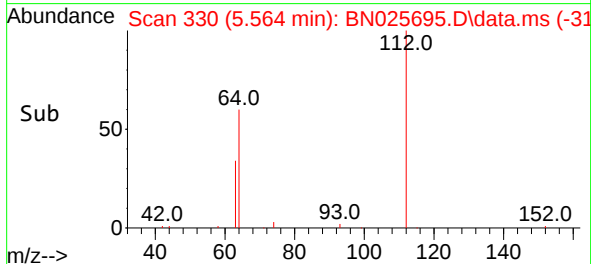
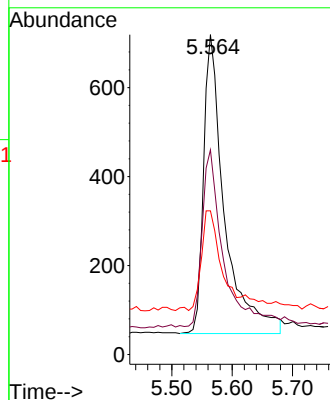
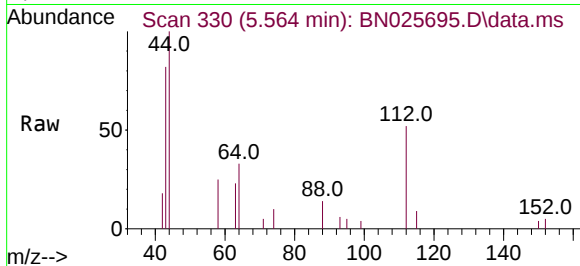




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

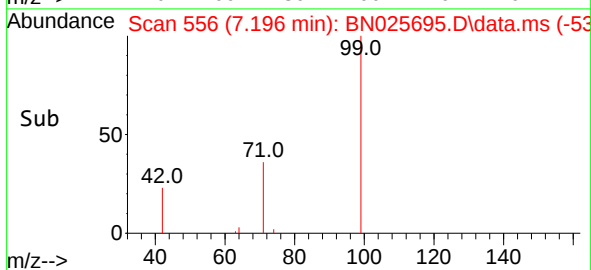
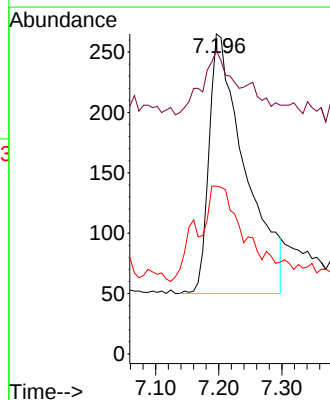
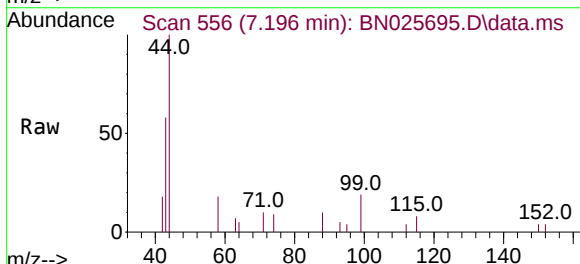
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230523

Tgt Ion:	112	Resp:	1626
Ion Ratio	Lower	Upper	
112	100		
64	59.5	45.7	68.5
63	35.6	26.2	39.2



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

Tgt Ion:	99	Resp:	853
Ion Ratio	Lower	Upper	
99	100		
42	19.1	17.1	25.7
71	27.9	29.3	43.9

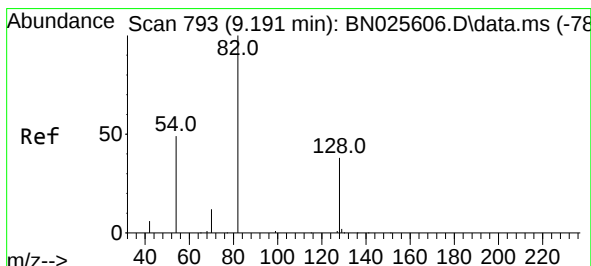
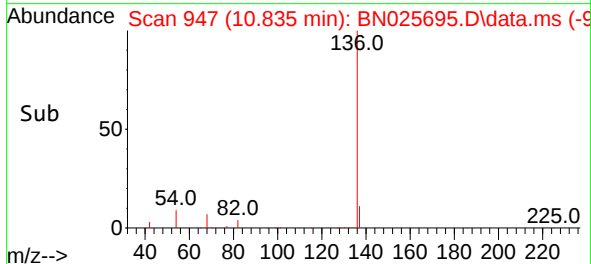
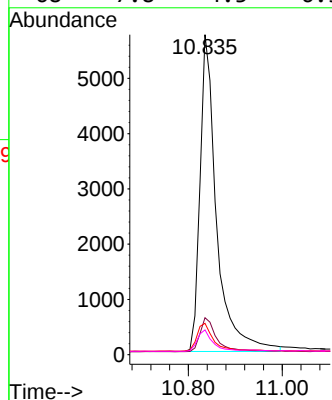
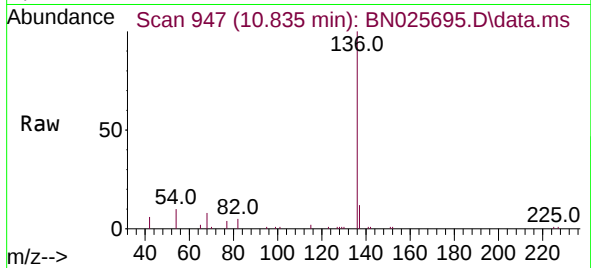




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

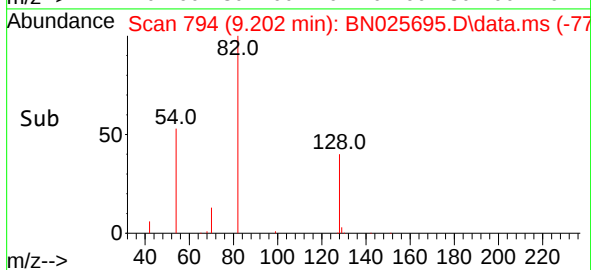
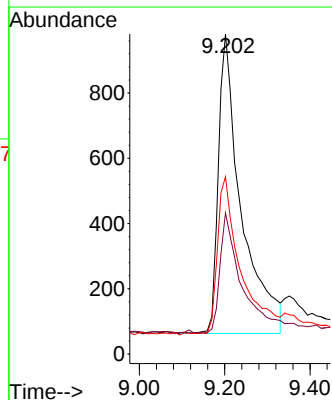
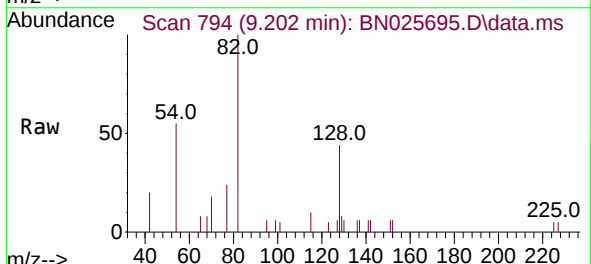
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230523

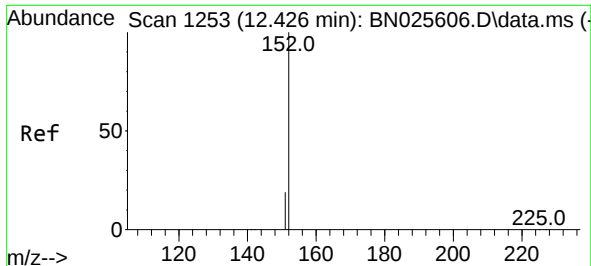
Tgt Ion:	136	Resp:	14074
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	9.8	5.4	8.0#
68	7.8	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

Tgt Ion:	82	Resp:	3415
Ion Ratio	Lower	Upper	
82	100		
128	44.1	32.5	48.7
54	55.4	40.6	60.8

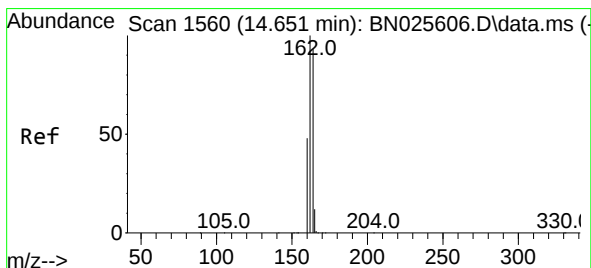
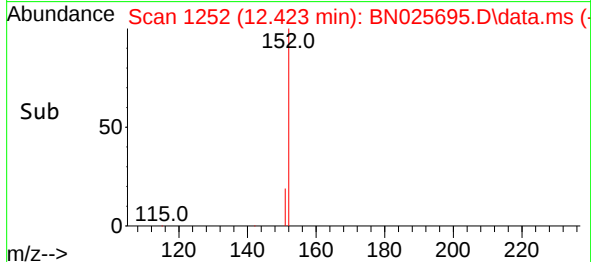
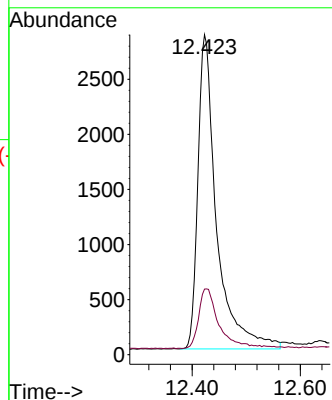
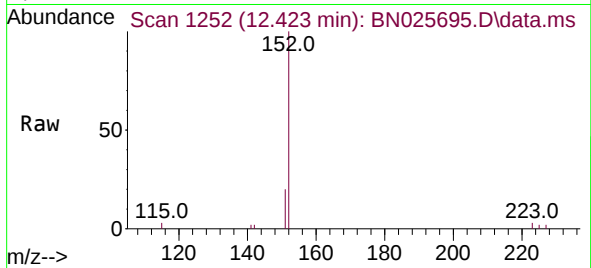




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.423 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

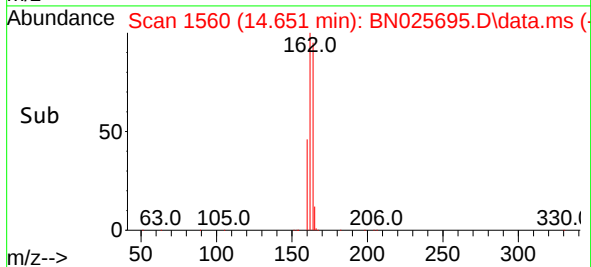
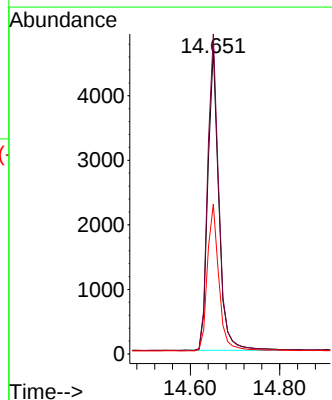
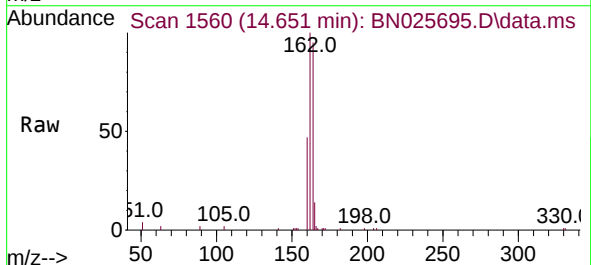
Instrument :
BNA_N
ClientSampleId :
RE108D1-20230523

Tgt Ion:152 Resp: 6849
Ion Ratio Lower Upper
152 100
151 20.4 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: BN025695.D
Acq: 28 May 2023 23:24

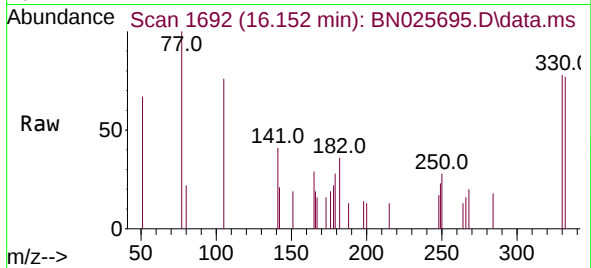
Tgt Ion:164 Resp: 7958
Ion Ratio Lower Upper
164 100
162 104.9 86.4 129.6
160 49.1 41.9 62.9



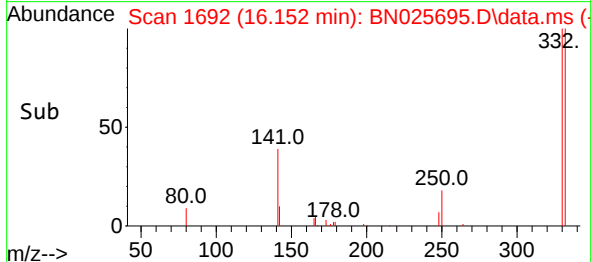
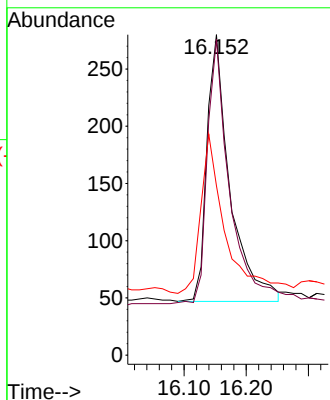


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

Instrument :
BNA_N
ClientSampleId :
RE108D1-20230523

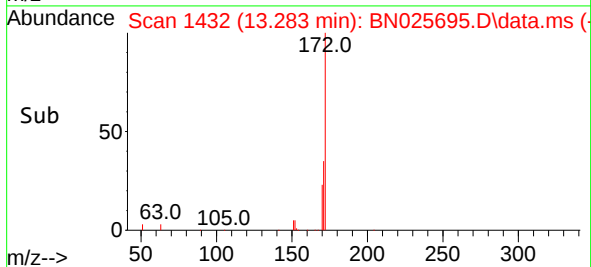
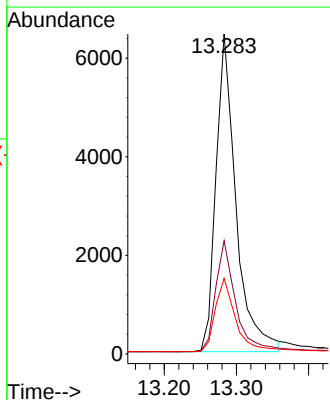
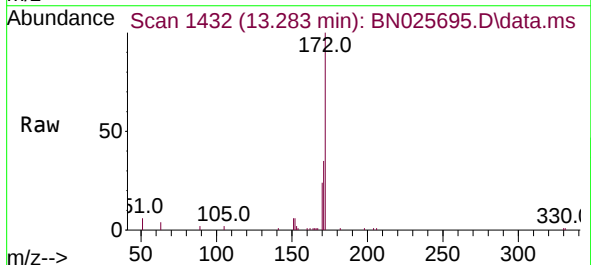


Tgt Ion:330 Resp: 600
Ion Ratio Lower Upper
330 100
332 96.2 80.0 120.0
141 60.5 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

Tgt Ion:172 Resp: 12407
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.6 19.7 29.5

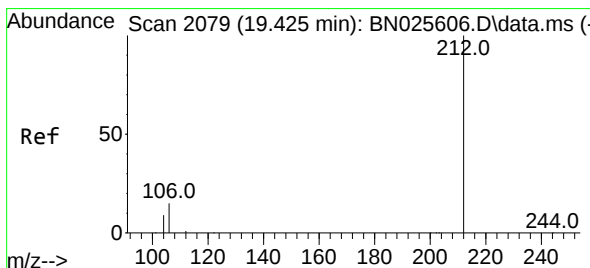
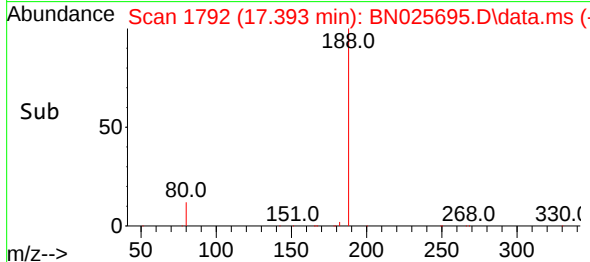
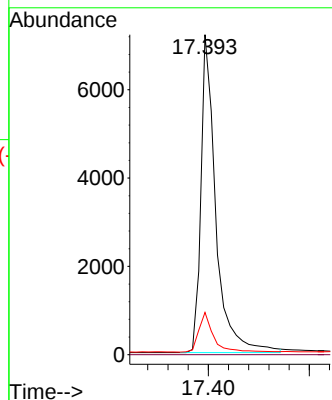
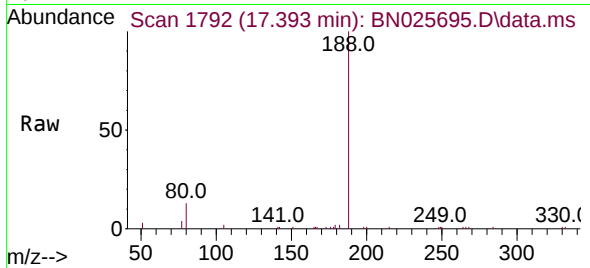




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

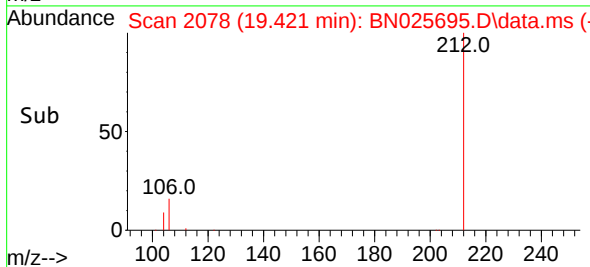
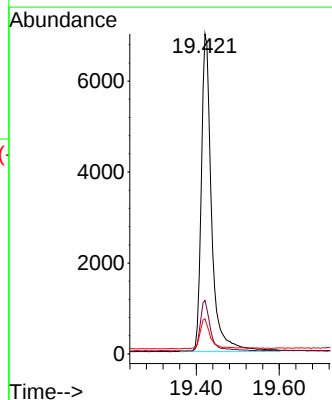
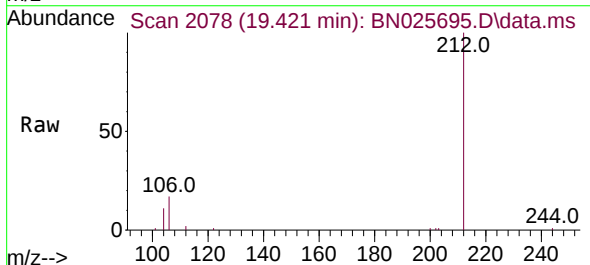
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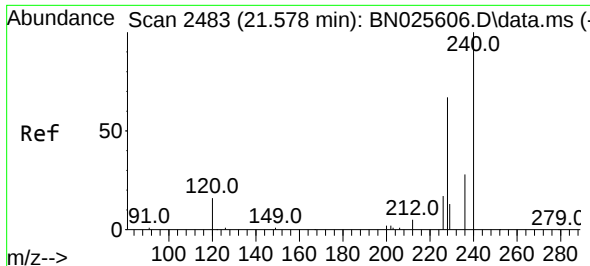
Tgt Ion:188 Resp: 14808
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.421 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

Tgt Ion:212 Resp: 12070
Ion Ratio Lower Upper
212 100
106 16.0 12.3 18.5
104 9.3 7.2 10.8

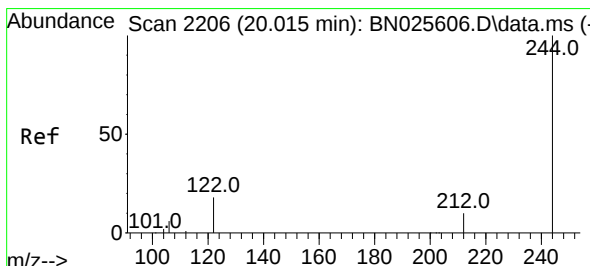
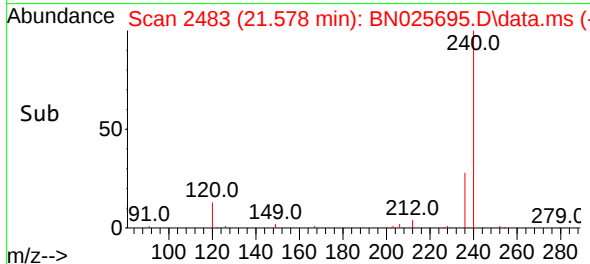
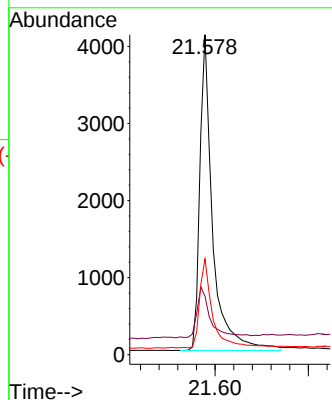
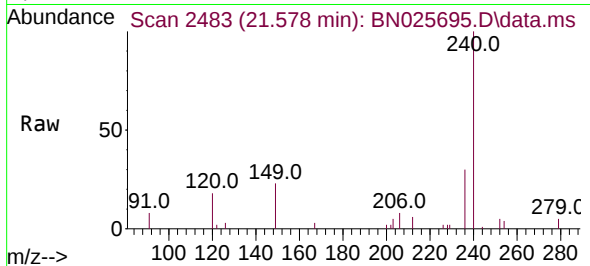




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

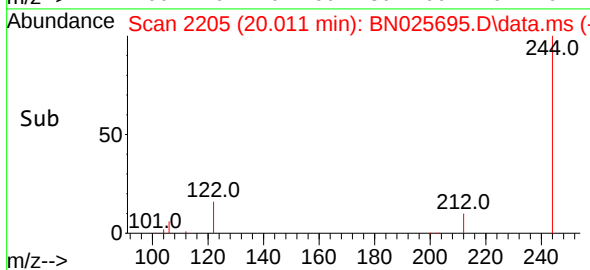
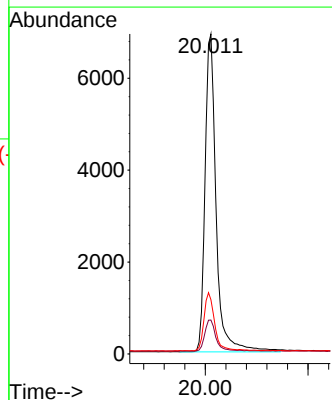
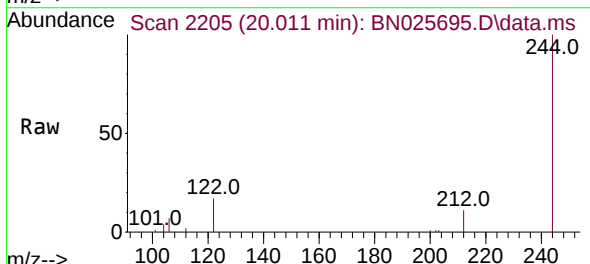
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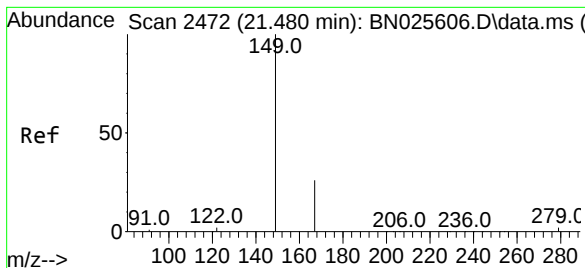
Tgt Ion:240 Resp: 7849
Ion Ratio Lower Upper
240 100
120 18.2 15.4 23.0
236 29.9 23.2 34.8



#31
Terphenyl-d14
Concen: 0.601 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025695.D
Acq: 28 May 2023 23:24

Tgt Ion:244 Resp: 10334
Ion Ratio Lower Upper
244 100
212 10.6 8.5 12.7
122 17.0 14.9 22.3

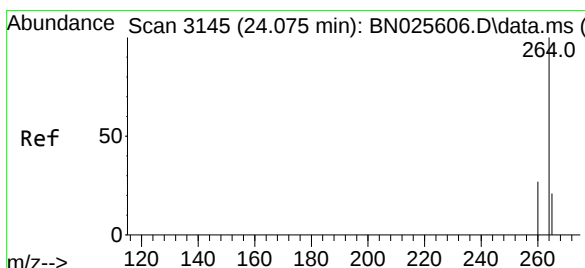
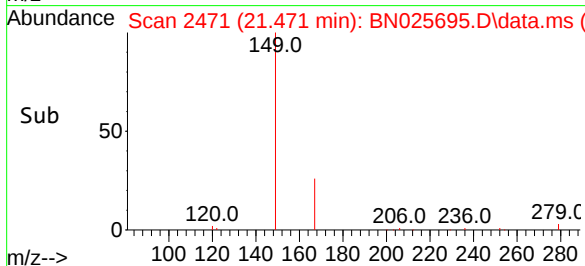
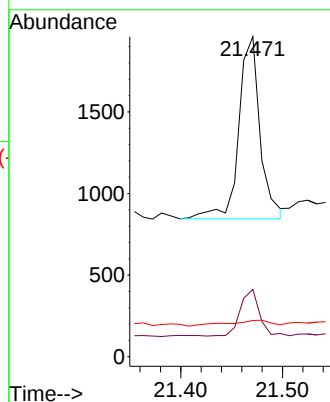
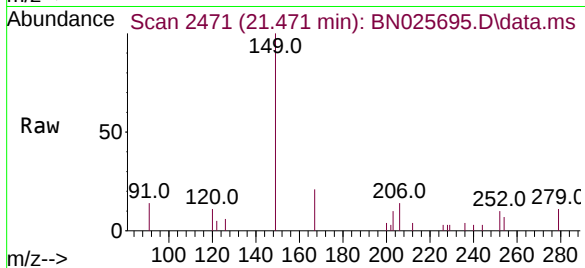




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025695.D
 Acq: 28 May 2023 23:24

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20230523

Tgt Ion:149 Resp: 1623
 Ion Ratio Lower Upper
 149 100
 167 23.0 20.4 30.6
 279 6.5 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.051 min Scan# 3137
 Delta R.T. -0.018 min
 Lab File: BN025695.D
 Acq: 28 May 2023 23:24

Tgt Ion:264 Resp: 7936
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.3 33.5
 265 72.4 54.3 81.5

