

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029060.D
 Acq On : 06 Dec 2023 17:49
 Operator : MA/JU
 Sample : 05404-31
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20231110

Quant Time: Dec 06 22:53:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

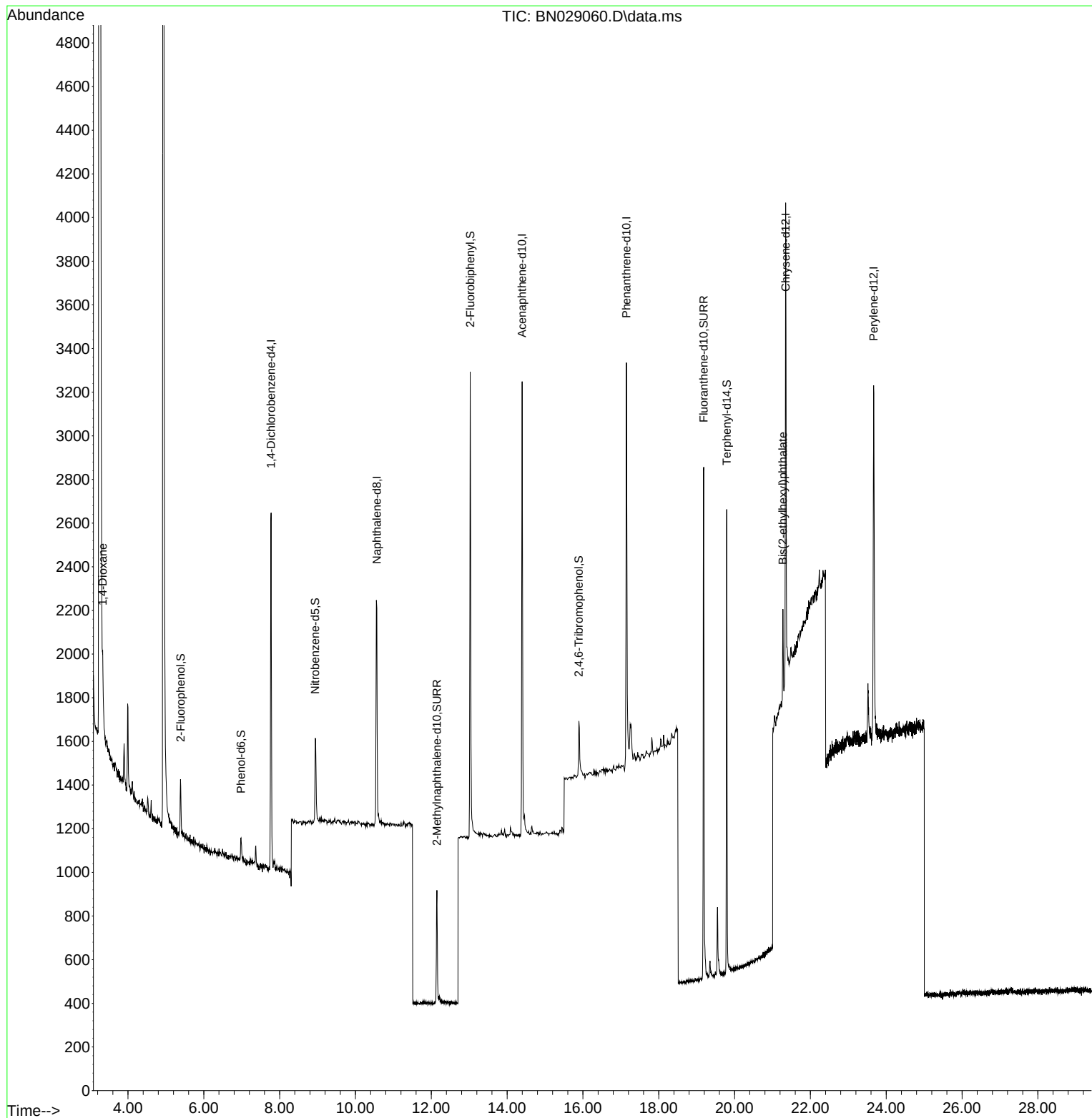
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	852	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	1636	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	1268	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	2988	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	2197	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	2220	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	215	0.112	ng	0.00
5) Phenol-d6	6.981	99	116	0.050	ng	0.00
8) Nitrobenzene-d5	8.939	82	500	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	767	0.223	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	209	0.149	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	1958	0.298	ng	0.00
27) Fluoranthene-d10	19.186	212	3077	0.328	ng	0.00
31) Terphenyl-d14	19.794	244	2115	0.380	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	258	0.376	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.275	149	390	0.057	ng	# 96

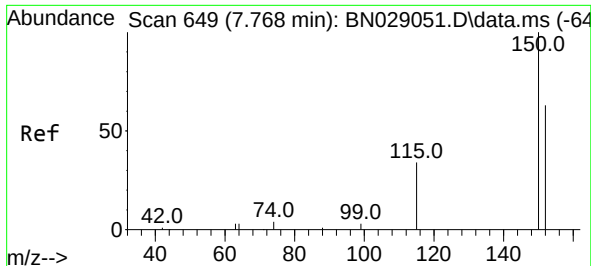
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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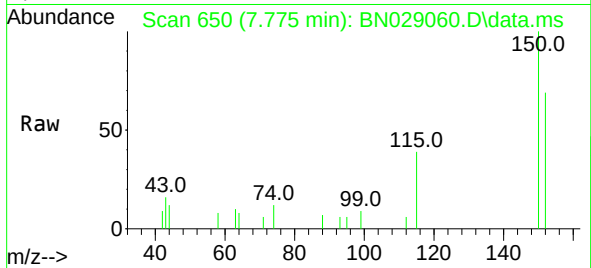
Quant Time: Dec 06 22:53:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



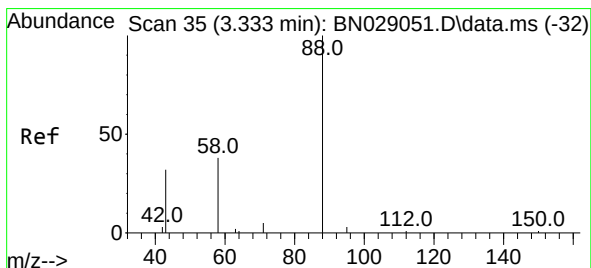
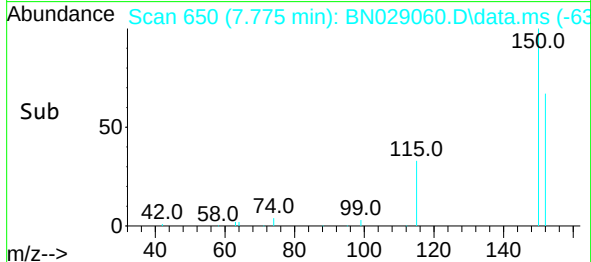
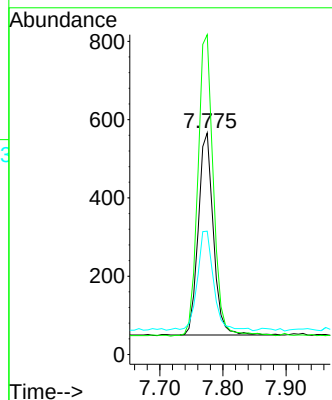


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029060.D
 Acq: 06 Dec 2023 17:49

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20231110

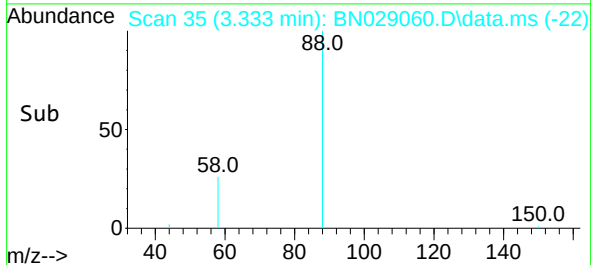
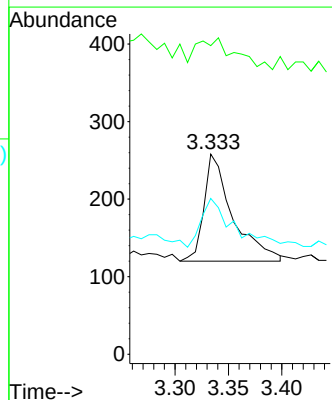
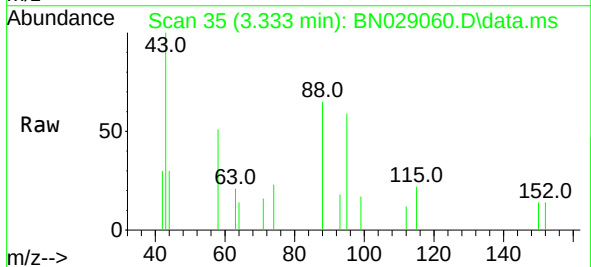


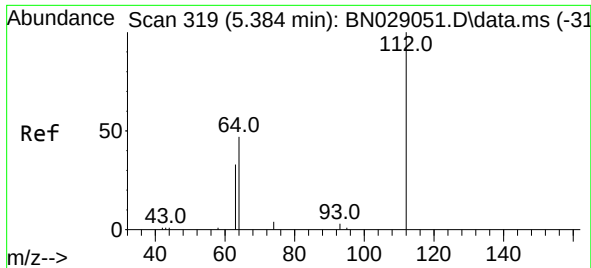
Tgt Ion:152 Resp: 852
 Ion Ratio Lower Upper
 152 100
 150 144.3 116.2 174.4
 115 55.7 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.376 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN029060.D
 Acq: 06 Dec 2023 17:49

Tgt Ion: 88 Resp: 258
 Ion Ratio Lower Upper
 88 100
 43 39.1 15.6 23.4#
 58 50.8 33.2 49.8#

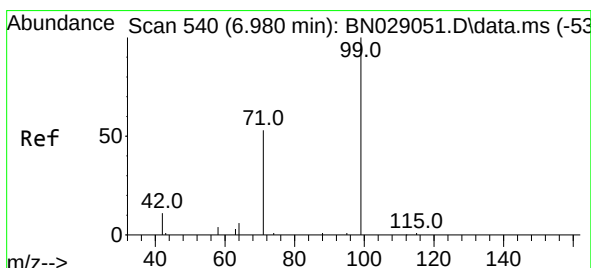
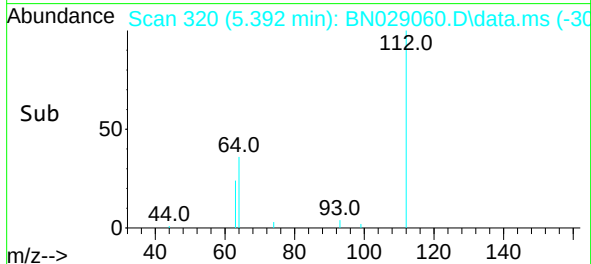
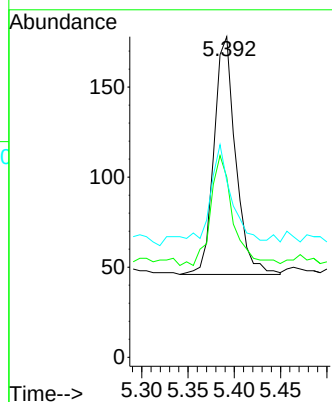
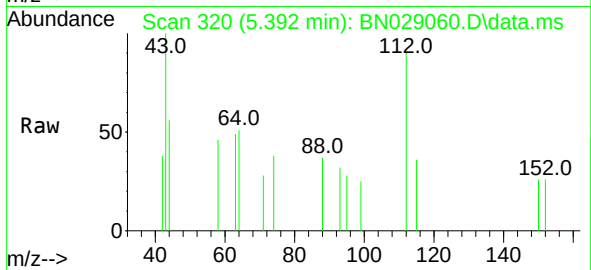




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.392 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

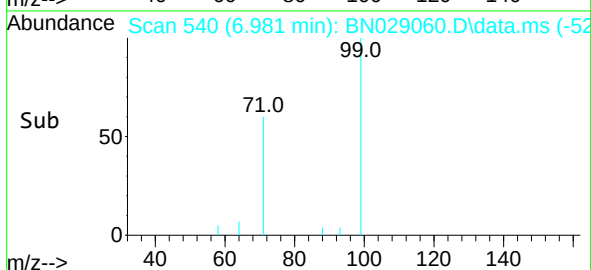
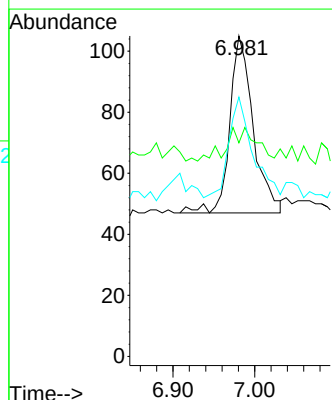
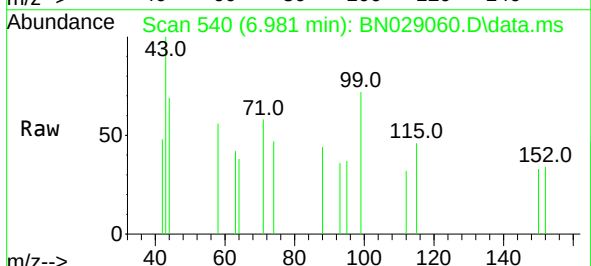
Instrument :
BNA_N
ClientSampleId :
RE103D2-20231110

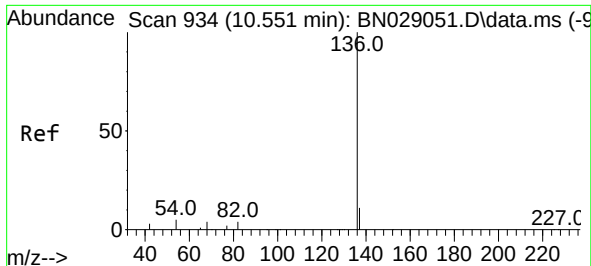
Tgt Ion:	112	Resp:	215
Ion	Ratio	Lower	Upper
112	100		
64	47.9	37.0	55.6
63	46.5	29.0	43.6



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

Tgt Ion:	99	Resp:	116
Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.4	20.2
71	56.9	47.8	71.6

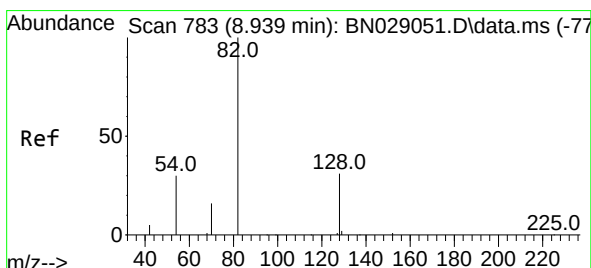
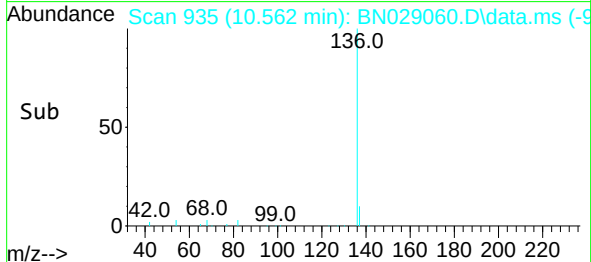
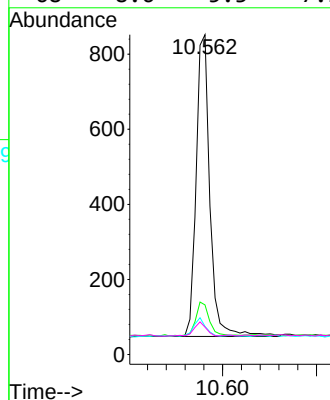
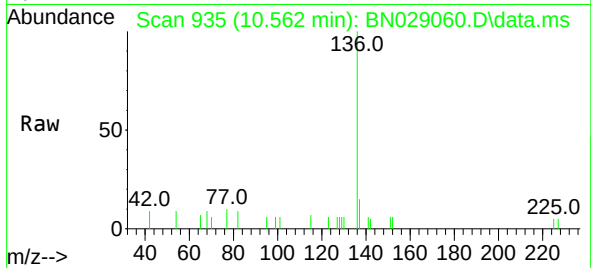




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

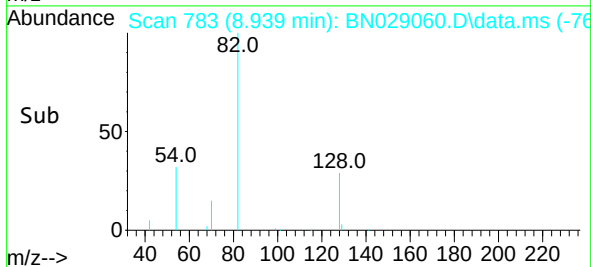
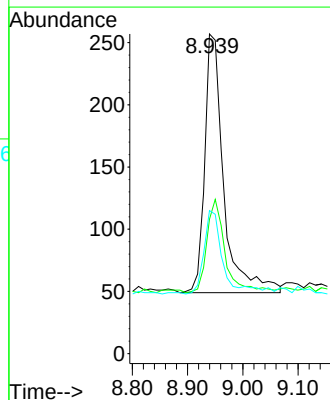
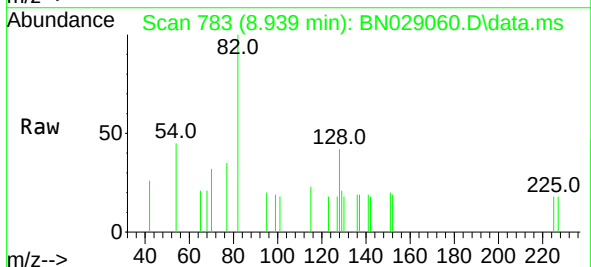
Instrument :
BNA_N
ClientSampleId :
RE103D2-20231110

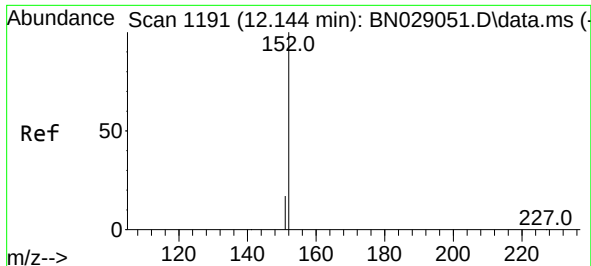
Tgt Ion:	136	Resp:	1636
Ion Ratio	Lower	Upper	
136	100		
137	15.5	11.9	17.9
54	8.8	6.4	9.6
68	8.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

Tgt Ion:	82	Resp:	500
Ion Ratio	Lower	Upper	
82	100		
128	42.0	28.2	42.4
54	44.7	32.1	48.1

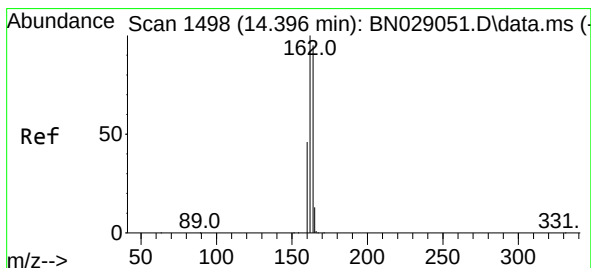
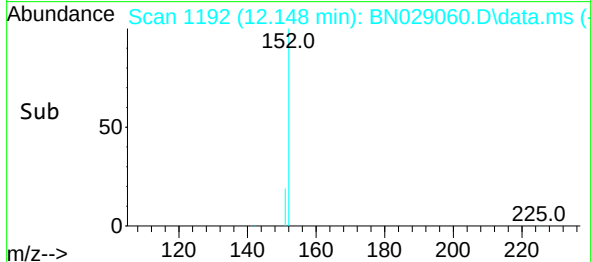
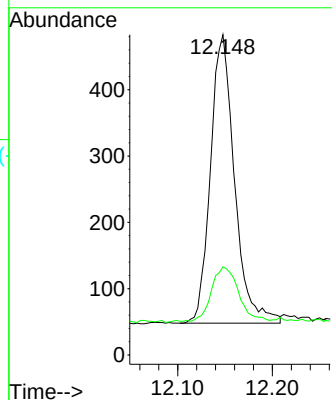
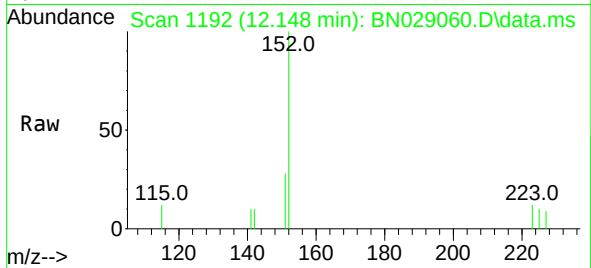




#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.148 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

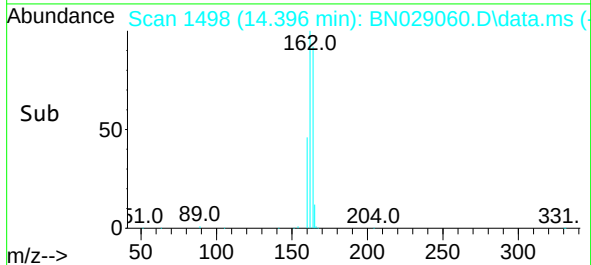
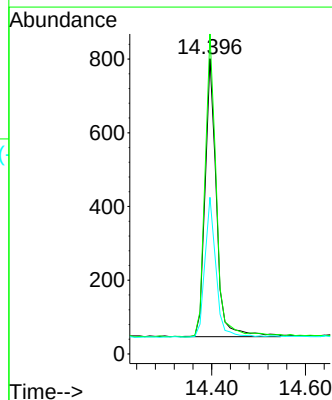
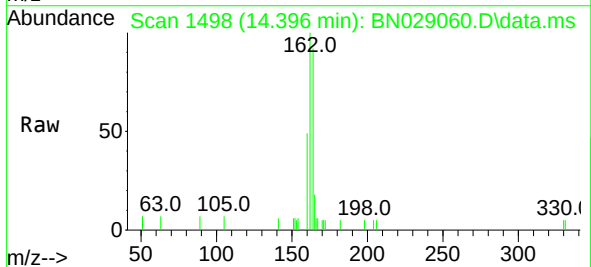
Instrument :
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ClientSampleId :
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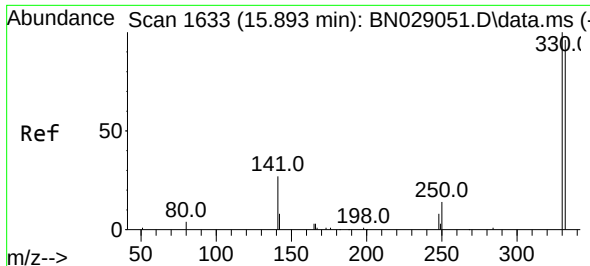
Tgt Ion:152 Resp: 767
Ion Ratio Lower Upper
152 100
151 20.9 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

Tgt Ion:164 Resp: 1268
Ion Ratio Lower Upper
164 100
162 108.4 85.0 127.6
160 53.1 41.3 61.9

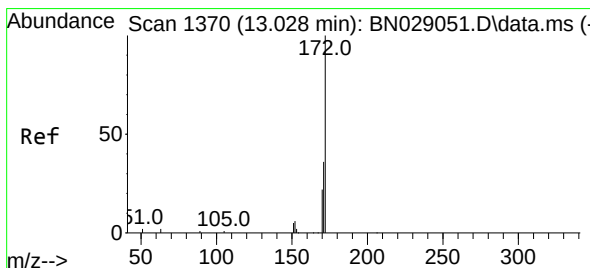
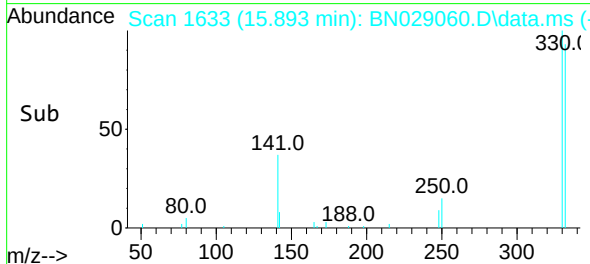
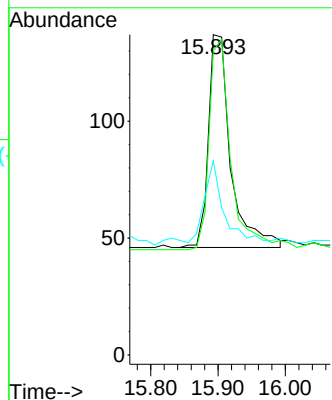
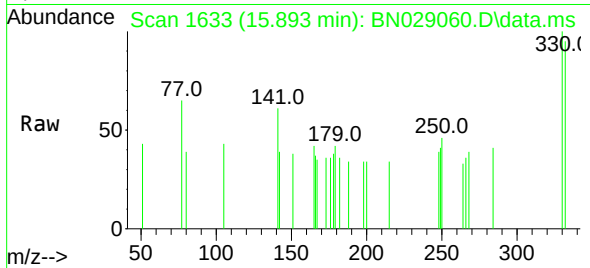




#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

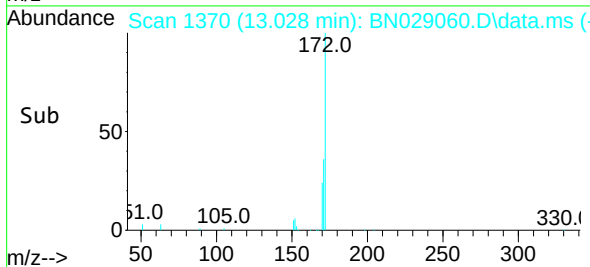
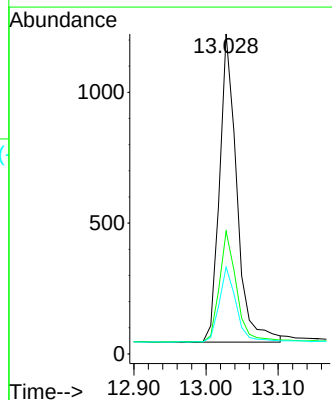
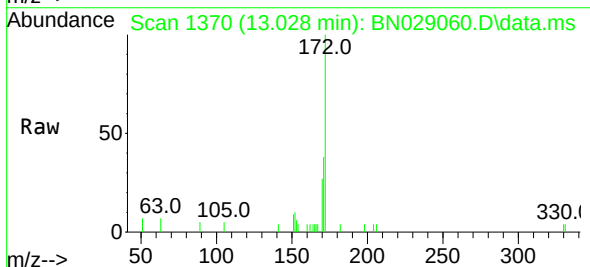
Instrument :
BNA_N
ClientSampleId :
RE103D2-20231110

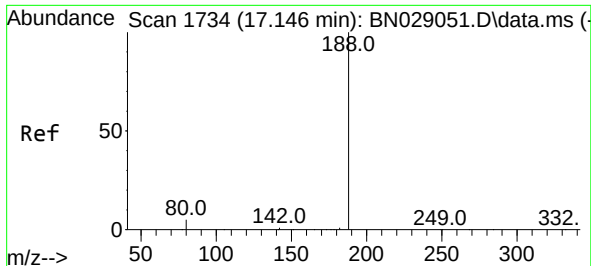
Tgt Ion: 330 Resp: 209
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 33.0 28.7 43.1



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

Tgt Ion: 172 Resp: 1958
Ion Ratio Lower Upper
172 100
171 38.3 30.1 45.1
170 27.1 20.3 30.5

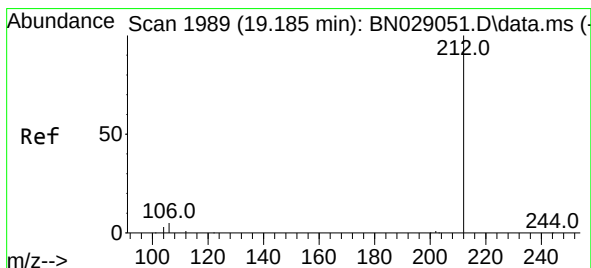
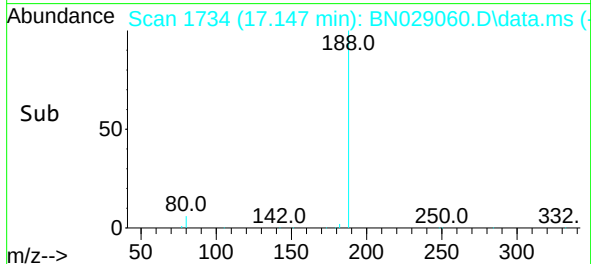
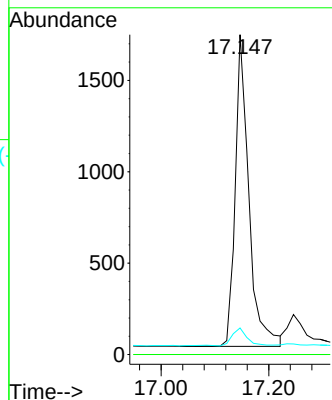
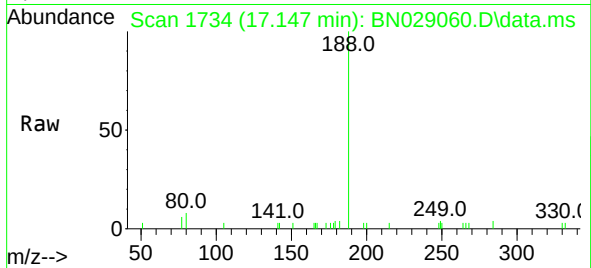




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

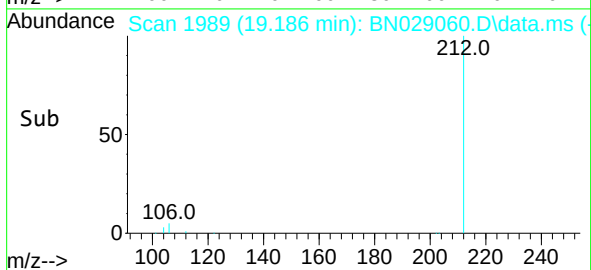
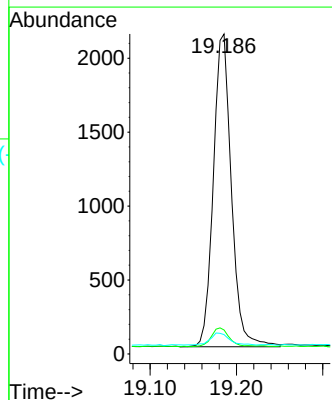
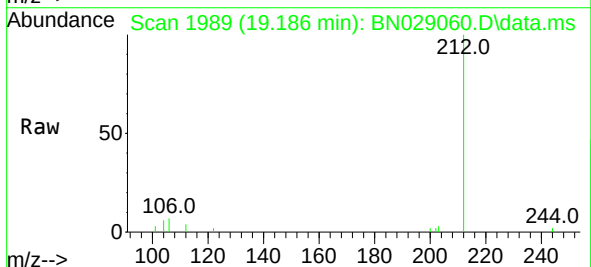
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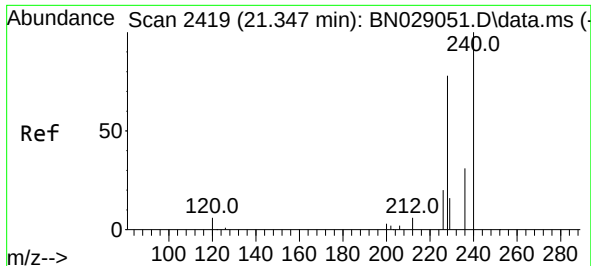
Tgt Ion:188 Resp: 2988
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 5.4 8.0#



#27
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.186 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

Tgt Ion:212 Resp: 3077
Ion Ratio Lower Upper
212 100
106 6.0 3.9 5.9#
104 4.1 2.6 3.8#

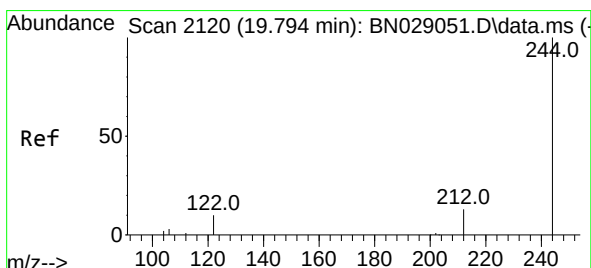
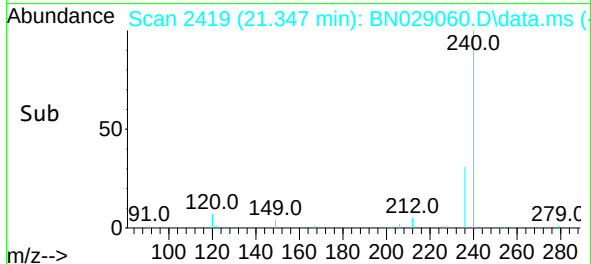
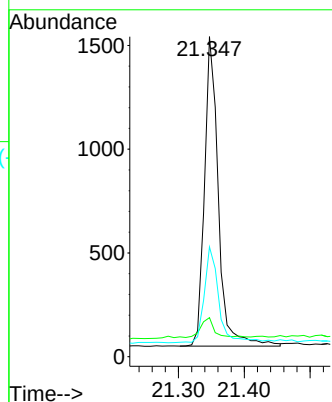
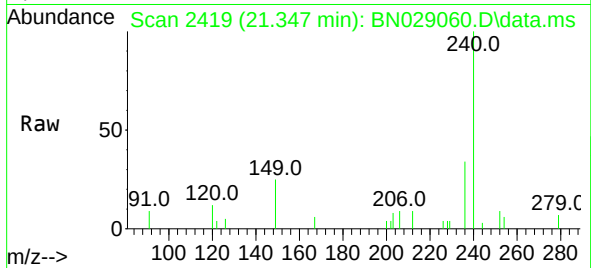




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

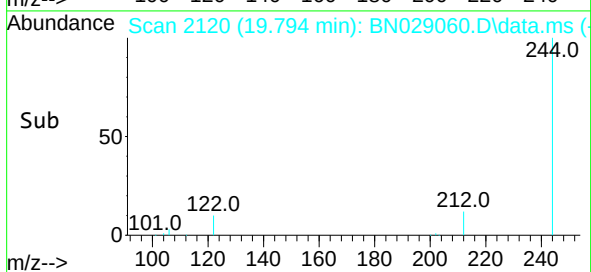
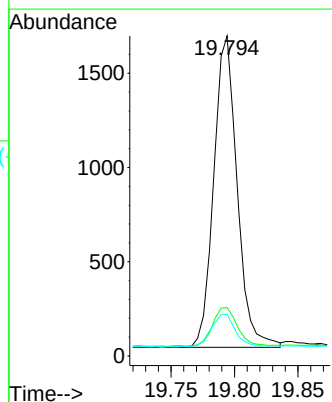
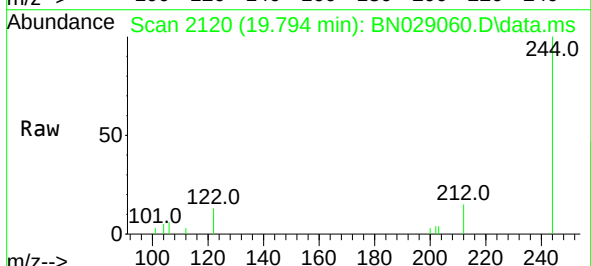
Instrument :
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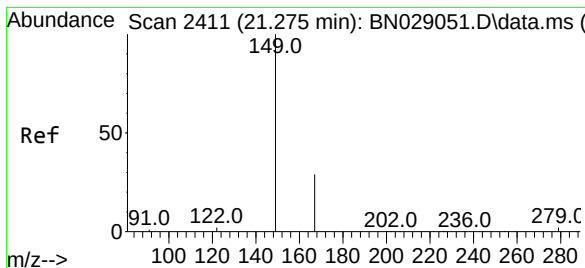
Tgt Ion:240 Resp: 2197
Ion Ratio Lower Upper
240 100
120 12.2 6.7 10.1#
236 34.3 25.7 38.5



#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.794 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN029060.D
Acq: 06 Dec 2023 17:49

Tgt Ion:244 Resp: 2115
Ion Ratio Lower Upper
244 100
212 15.1 11.6 17.4
122 13.0 8.2 12.4#

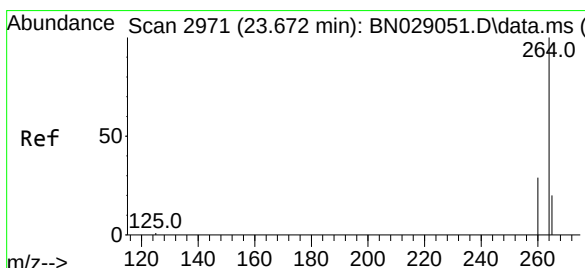
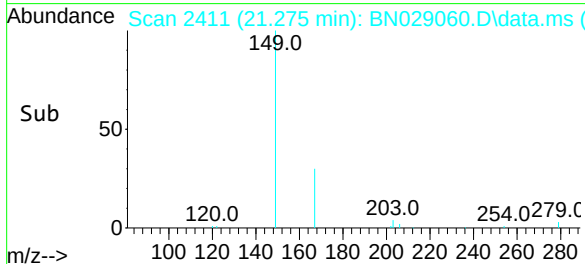
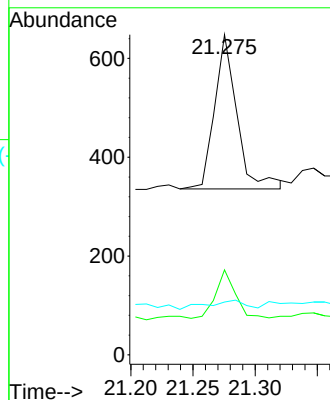
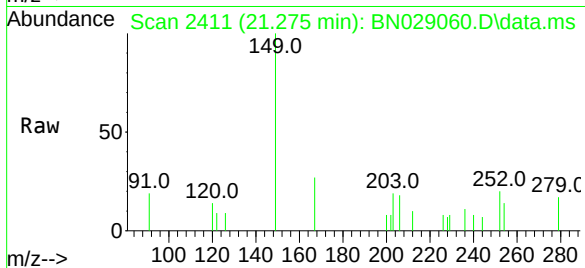




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029060.D
 Acq: 06 Dec 2023 17:49

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20231110

Tgt Ion:149 Resp: 390
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.2
 279 10.0 3.4 5.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.670 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BN029060.D
 Acq: 06 Dec 2023 17:49

Tgt Ion:264 Resp: 2220
 Ion Ratio Lower Upper
 264 100
 260 31.6 23.9 35.9
 265 90.7 52.7 79.1#

