

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027184.D
 Acq On : 27 Aug 2023 10:57
 Operator : MA/JU
 Sample : 04051-12
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230816

Quant Time: Aug 28 00:43:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

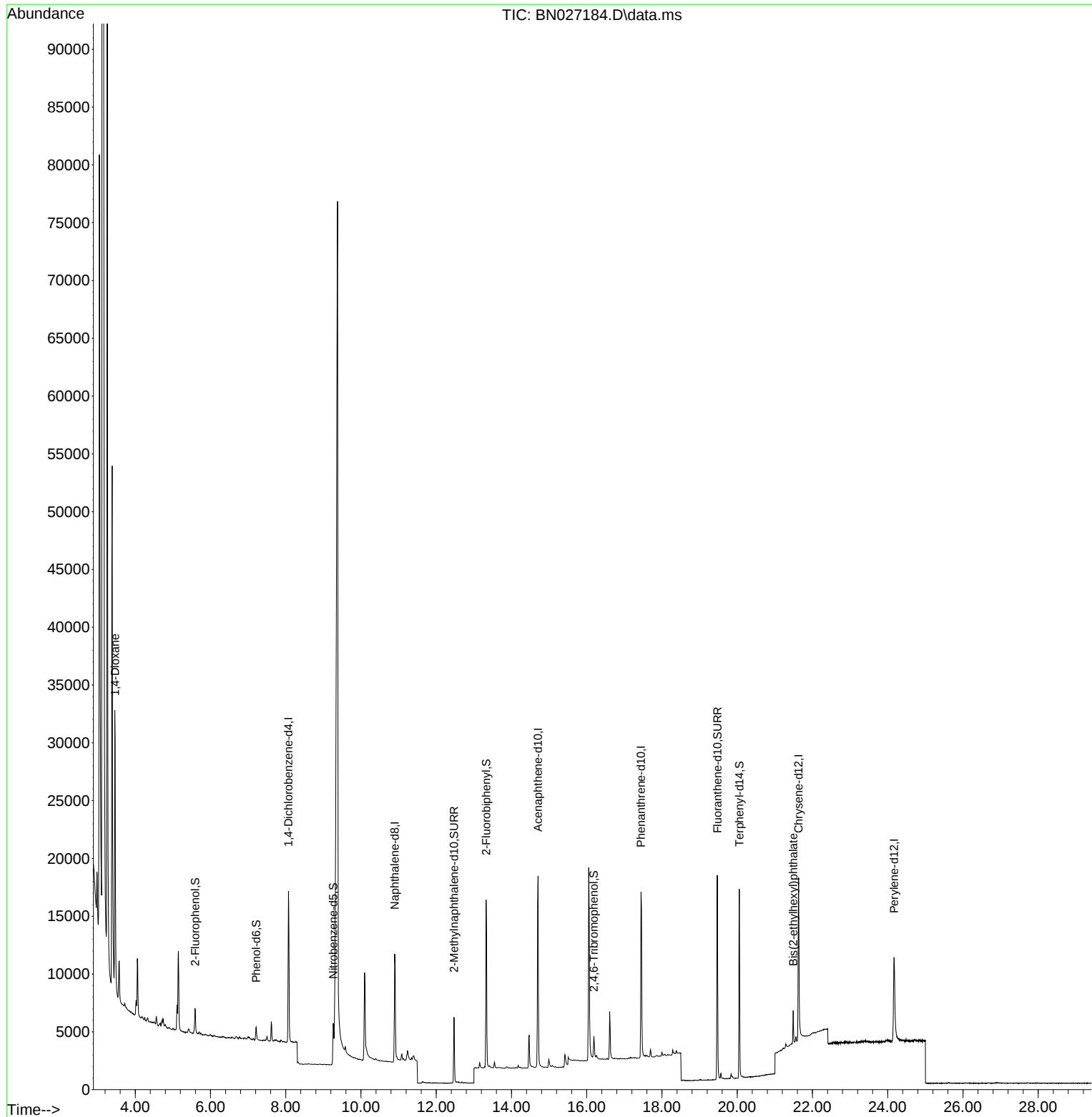
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6504	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	14448	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	10283	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	23489	0.400	ng	#-0.01
29) Chrysene-d12	21.632	240	16666	0.400	ng	0.00
35) Perylene-d12	24.171	264	13951	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1880	0.103	ng	0.00
5) Phenol-d6	7.214	99	1195	0.053	ng	0.00
8) Nitrobenzene-d5	9.262	82	3194	0.262	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	7832	0.341	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1208	0.221	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	12892	0.338	ng	-0.01
27) Fluoranthene-d10	19.472	212	21068	0.350	ng	0.00
31) Terphenyl-d14	20.057	244	16839	0.484	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	16848	2.409	ng	# 97
34) Bis(2-ethylhexyl)phtha...	21.489	149	2744	0.063	ng	96

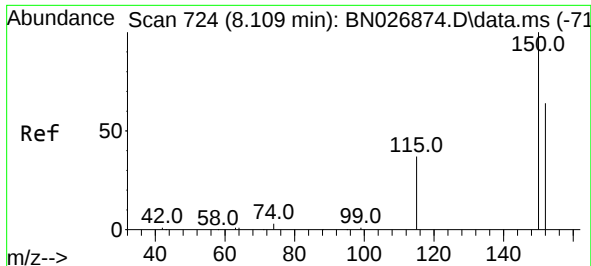
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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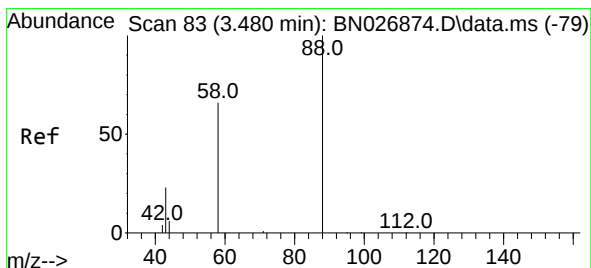
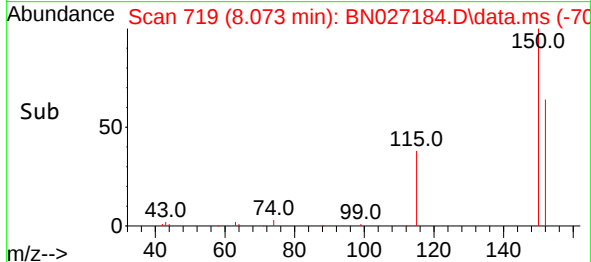
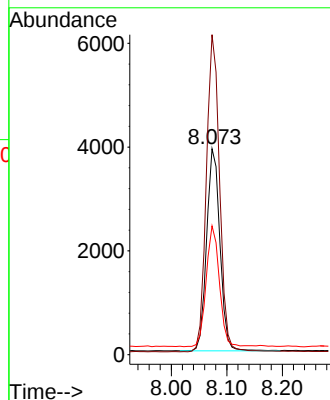
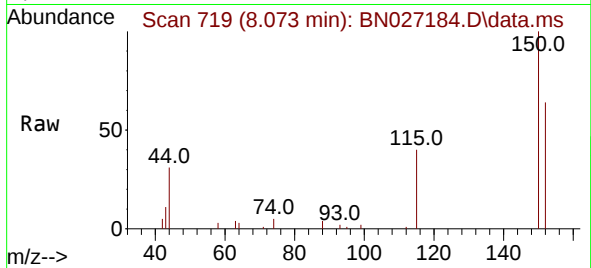




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027184.D
 Acq: 27 Aug 2023 10:57

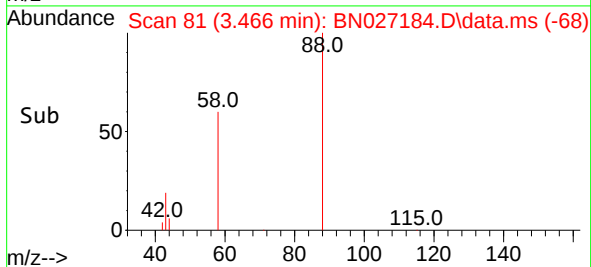
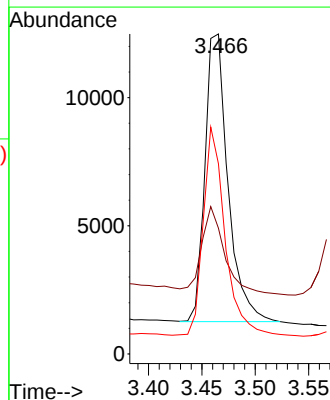
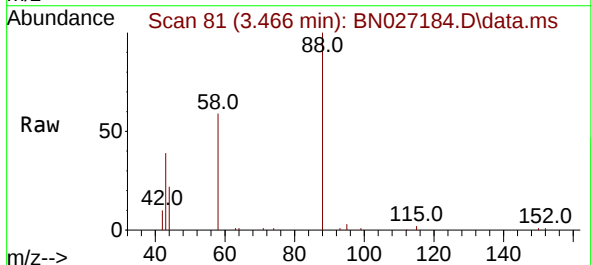
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230816

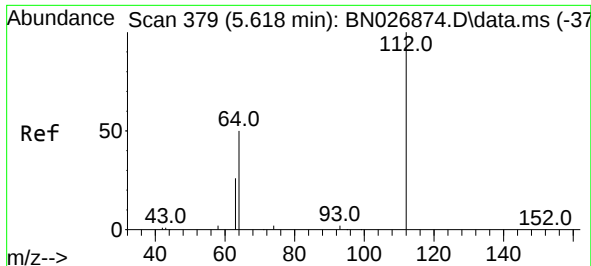
Tgt Ion:152 Resp: 6504
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.6
 115 62.6 49.7 74.5



#2
 1,4-Dioxane
 Concen: 2.409 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027184.D
 Acq: 27 Aug 2023 10:57

Tgt Ion: 88 Resp: 16848
 Ion Ratio Lower Upper
 88 100
 43 30.4 19.2 28.8#
 58 68.1 54.5 81.7

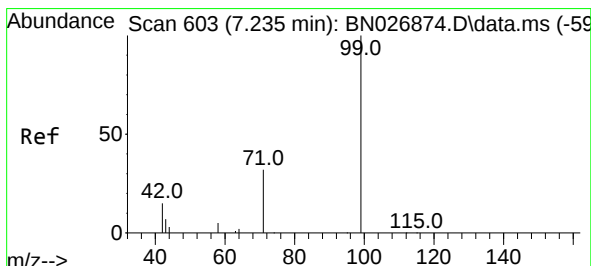
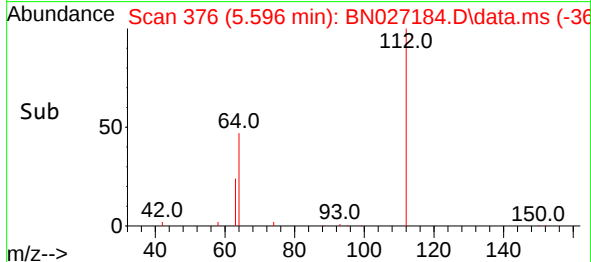
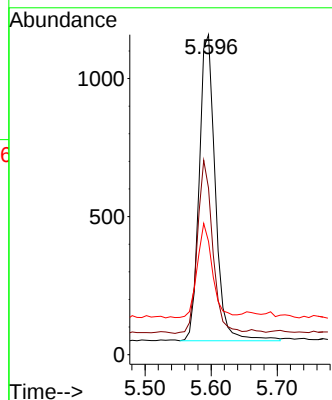
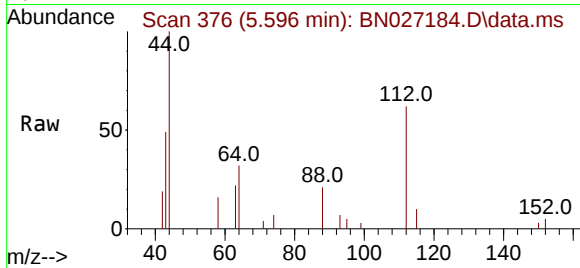




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

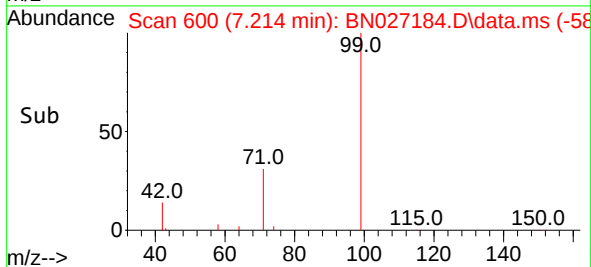
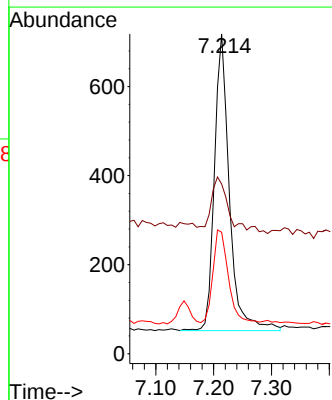
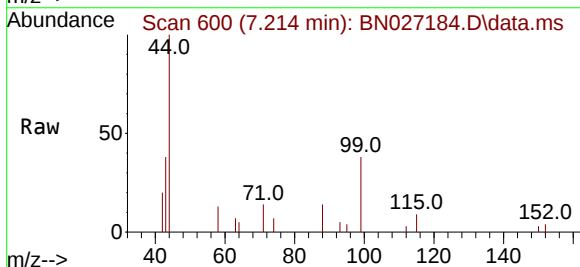
Instrument :
BNA_N
ClientSampleId :
DUP04-20230816

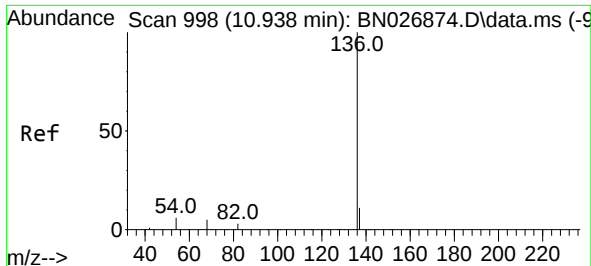
Tgt Ion:112 Resp: 1880
Ion Ratio Lower Upper
112 100
64 53.5 41.5 62.3
63 28.6 21.7 32.5



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

Tgt Ion: 99 Resp: 1195
Ion Ratio Lower Upper
99 100
42 23.3 13.6 20.4#
71 32.2 26.0 39.0

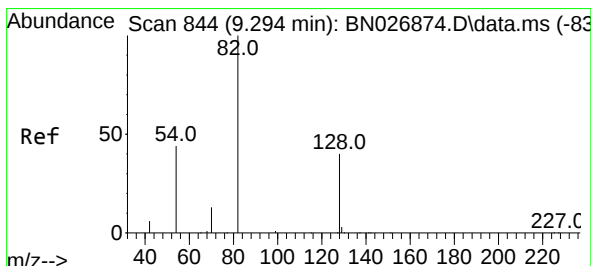
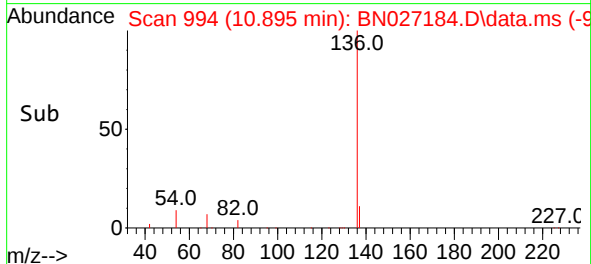
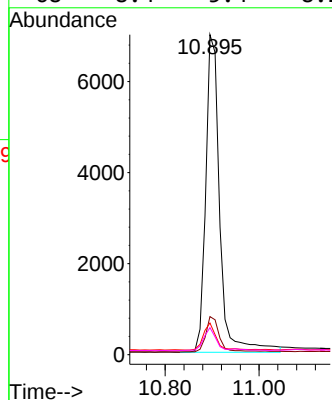
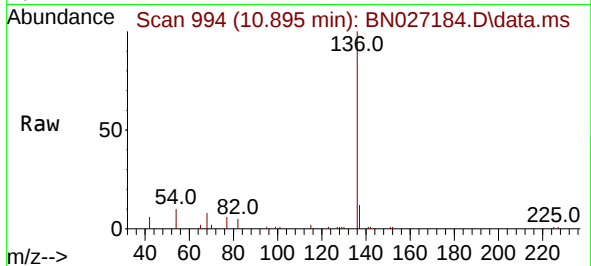




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

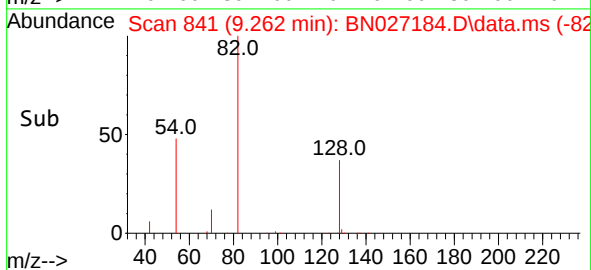
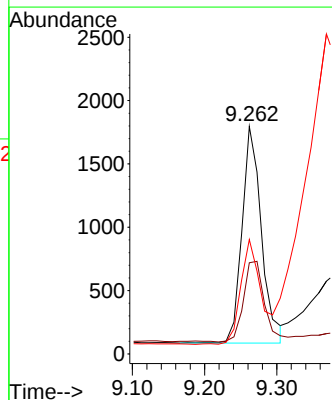
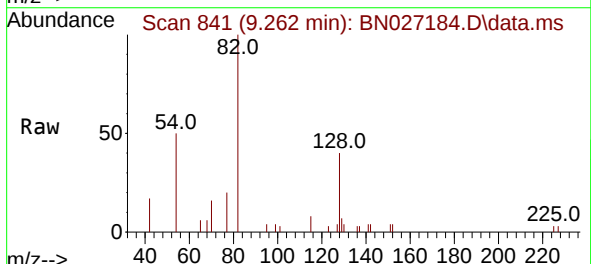
Instrument :
BNA_N
ClientSampleId :
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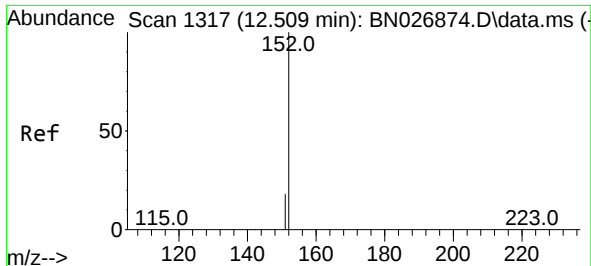
Tgt Ion:	136	Resp:	14448
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	9.9	5.5	8.3#
68	8.4	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

Tgt Ion:	82	Resp:	3194
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.1	51.1
54	50.3	37.0	55.4

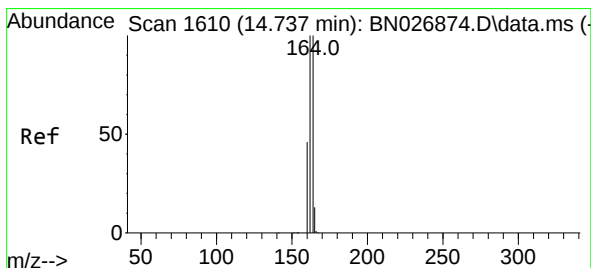
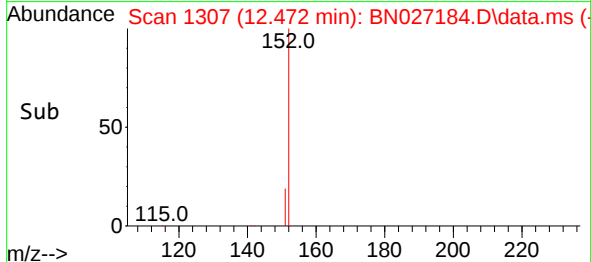
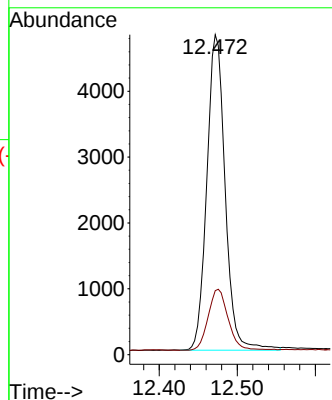
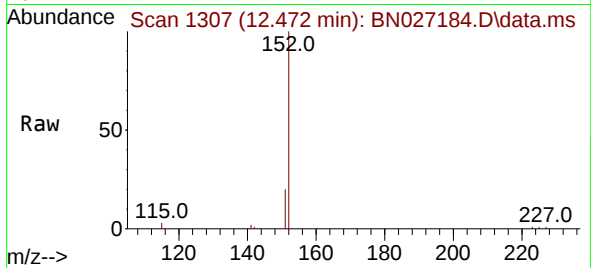




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

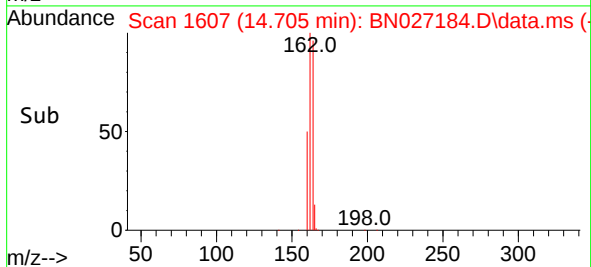
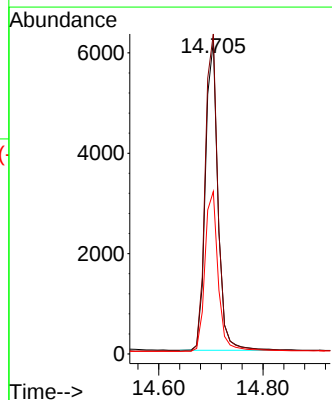
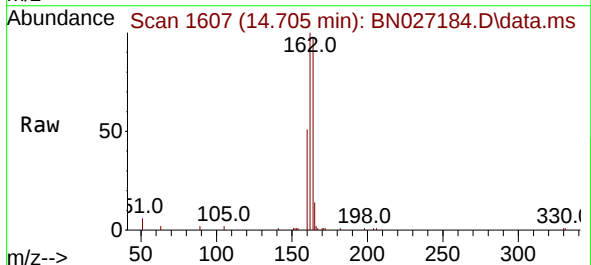
Instrument :
BNA_N
ClientSampleId :
DUP04-20230816

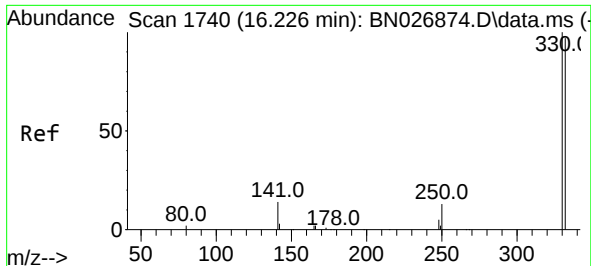
Tgt Ion:152 Resp: 7832
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

Tgt Ion:164 Resp: 10283
Ion Ratio Lower Upper
164 100
162 102.4 79.7 119.5
160 52.0 37.4 56.0

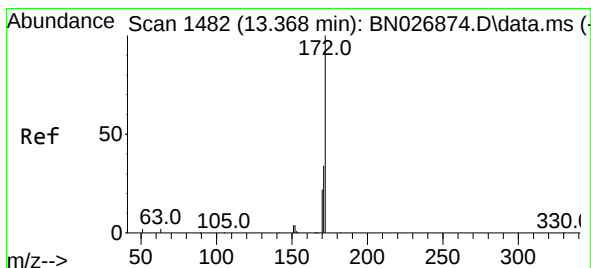
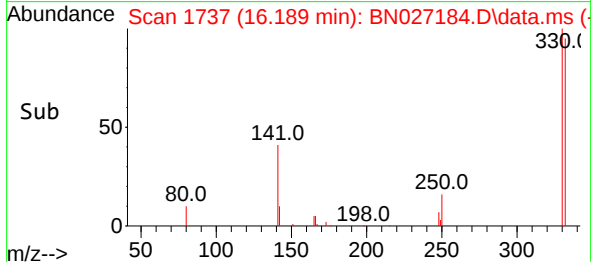
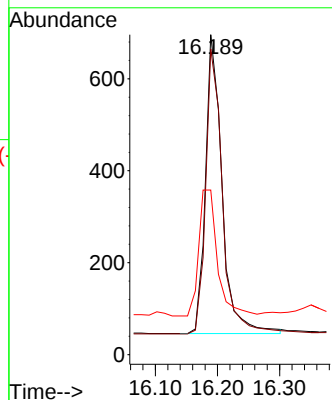
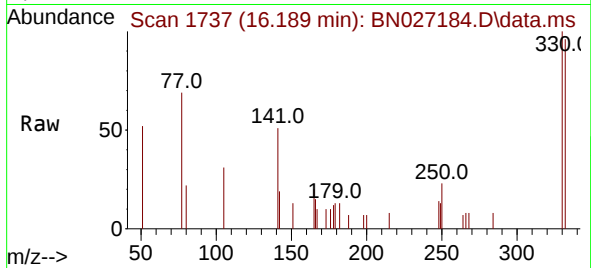




#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

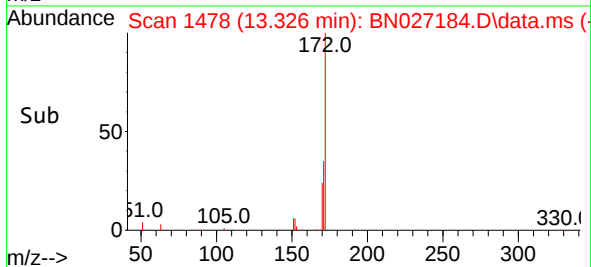
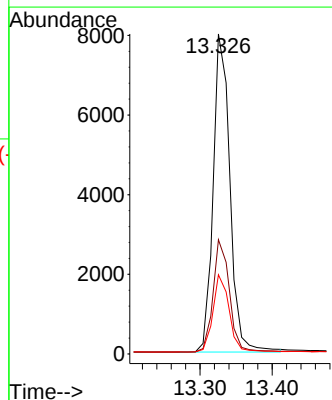
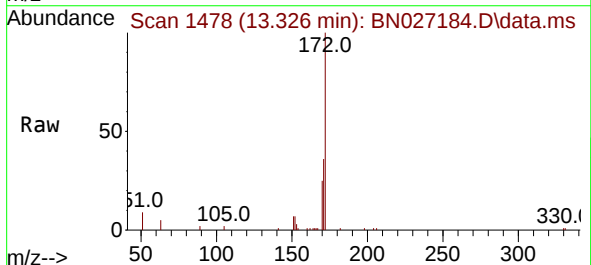
Instrument :
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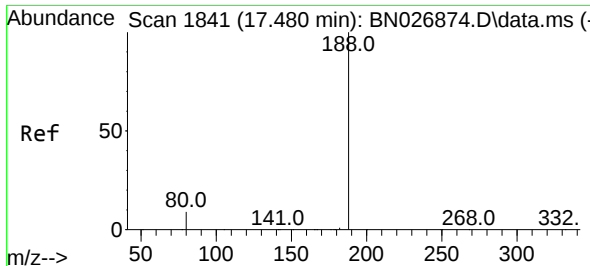
Tgt Ion:330 Resp: 1208
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 47.4 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

Tgt Ion:172 Resp: 12892
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.0
170 24.8 18.0 27.0

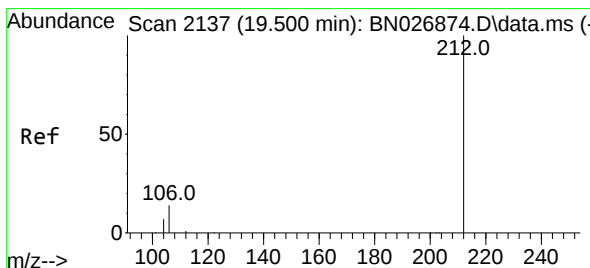
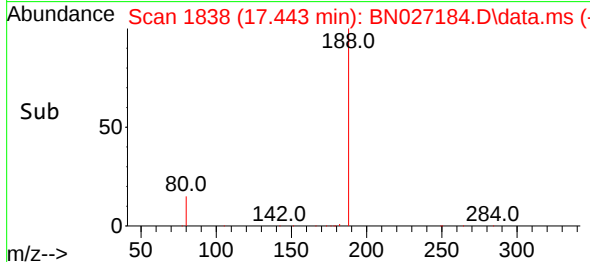
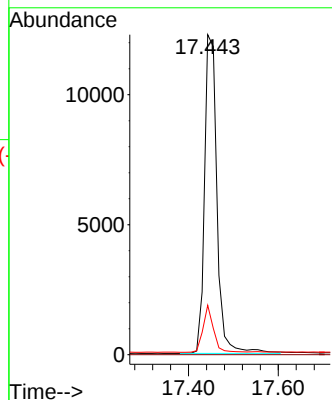
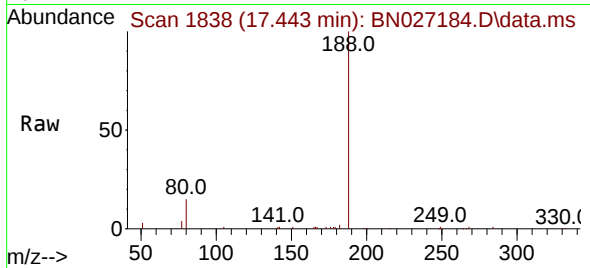




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

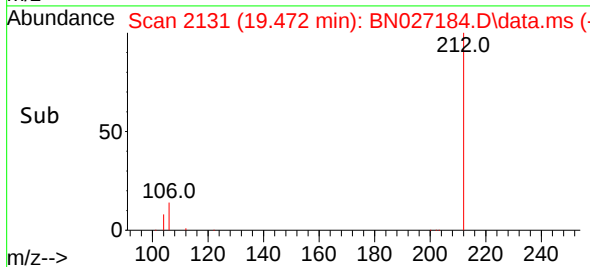
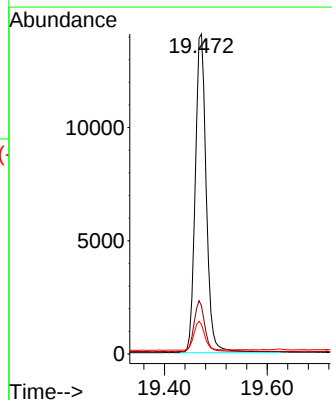
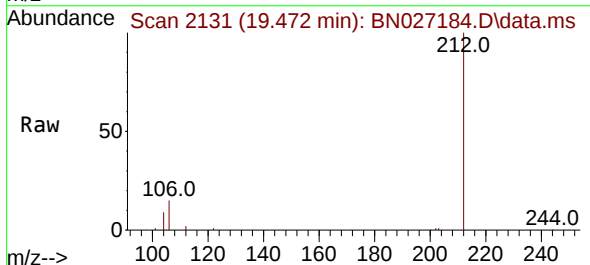
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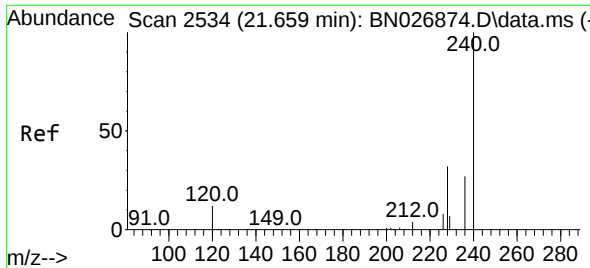
Tgt Ion:188 Resp: 23489
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

Tgt Ion:212 Resp: 21068
Ion Ratio Lower Upper
212 100
106 15.8 10.9 16.3
104 8.8 5.9 8.9

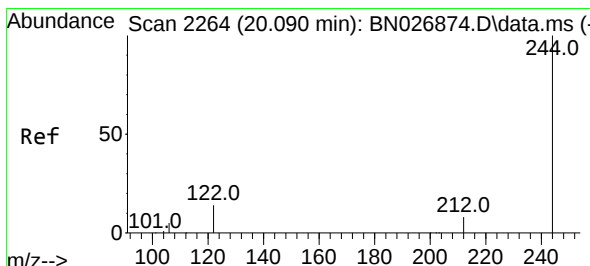
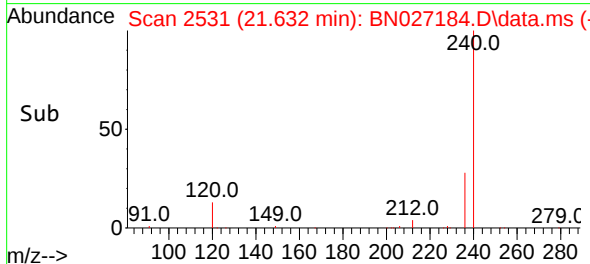
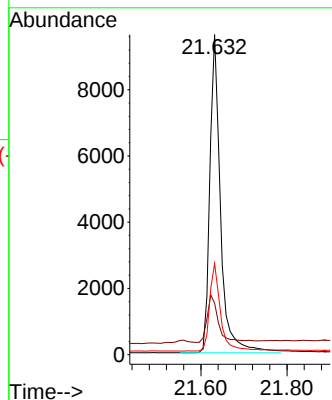
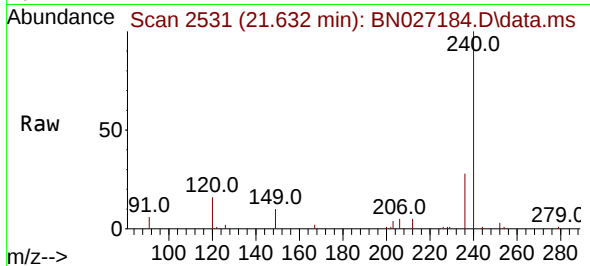




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

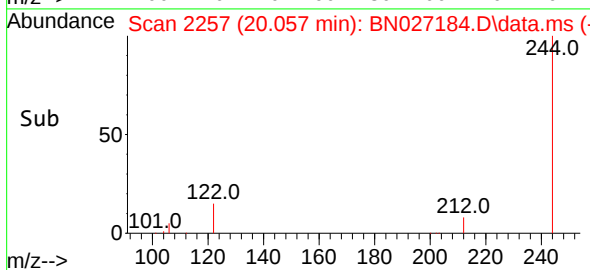
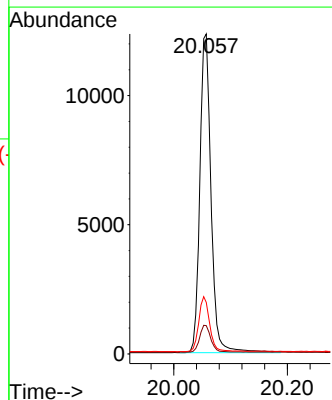
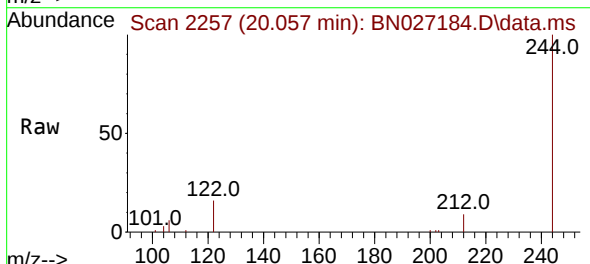
Instrument :
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DUP04-20230816

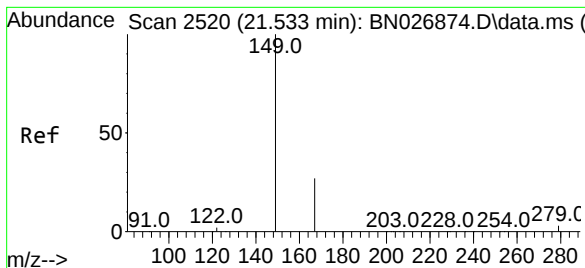
Tgt Ion:240 Resp: 16666
Ion Ratio Lower Upper
240 100
120 16.1 11.1 16.7
236 28.5 22.2 33.2



#31
Terphenyl-d14
Concen: 0.484 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027184.D
Acq: 27 Aug 2023 10:57

Tgt Ion:244 Resp: 16839
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 16.1 11.9 17.9

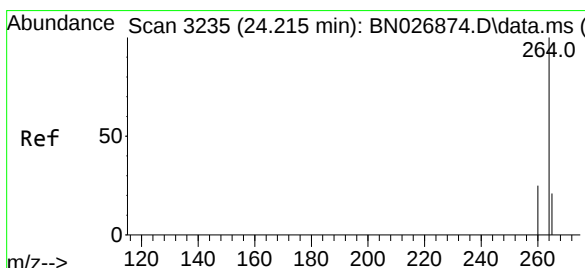
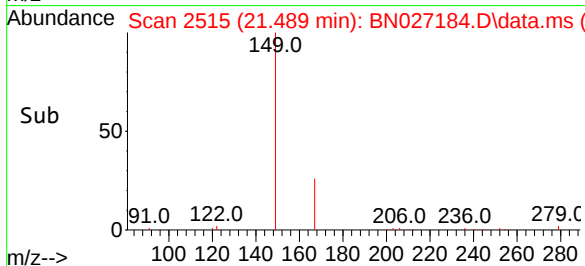
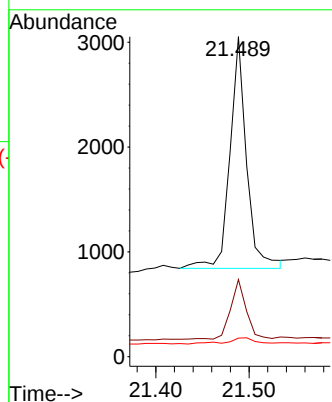
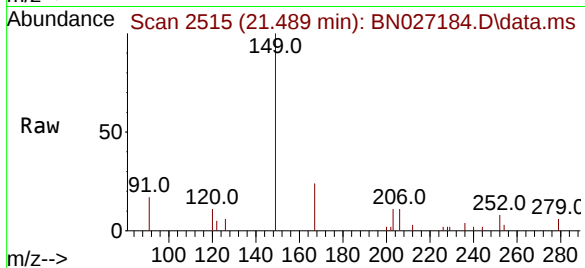




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.489 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027184.D
 Acq: 27 Aug 2023 10:57

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230816

Tgt Ion:149 Resp: 2744
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.4 32.0
 279 4.6 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.171 min Scan# 3220
 Delta R.T. 0.000 min
 Lab File: BN027184.D
 Acq: 27 Aug 2023 10:57

Tgt Ion:264 Resp: 13951
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.4 30.6
 265 70.8 27.0 40.6#

