

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
 Data File : BN027216.D
 Acq On : 28 Aug 2023 14:20
 Operator : MA/JU
 Sample : 04051-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20230816

Quant Time: Aug 29 03:24:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 03:21:06 2023
 Response via : Initial Calibration

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

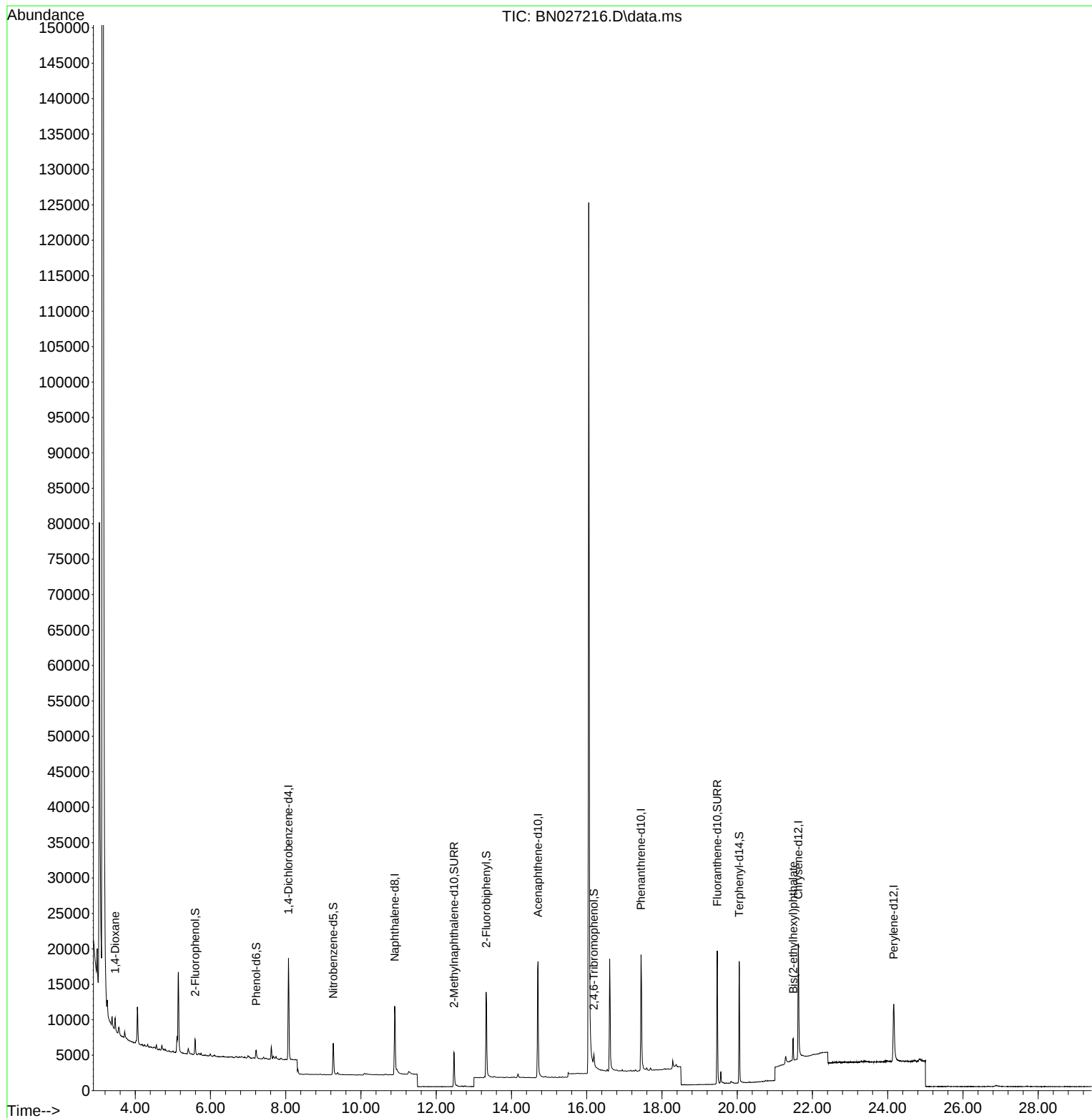
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	7115	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	15511	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	10957	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	25730	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	18335	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	15168	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1840	0.092	ng	0.00
5) Phenol-d6	7.214	99	1327	0.054	ng	0.00
8) Nitrobenzene-d5	9.262	82	3940	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7654	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	966	0.166	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	12239	0.301	ng	0.00
27) Fluoranthene-d10	19.467	212	22040	0.334	ng	0.00
31) Terphenyl-d14	20.053	244	16612	0.434	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	1435	0.188	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.488	149	3542	0.074	ng	# 96

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

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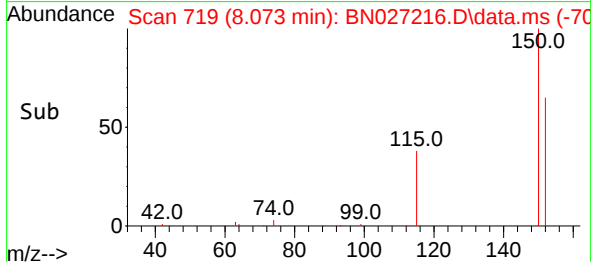
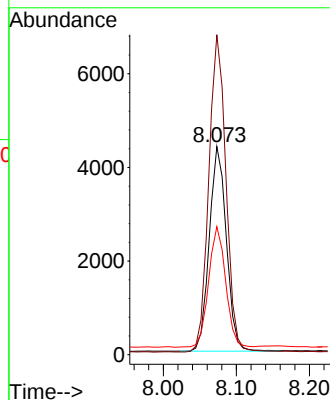
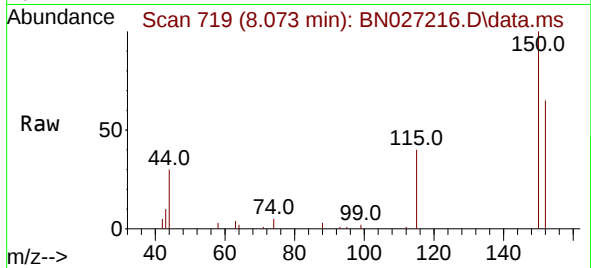




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027216.D
 Acq: 28 Aug 2023 14:20

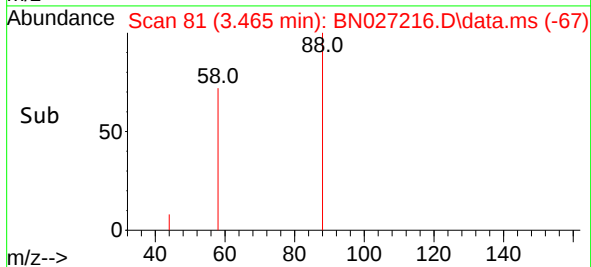
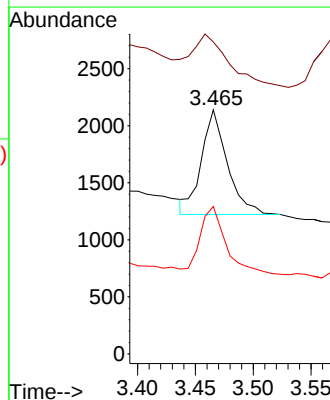
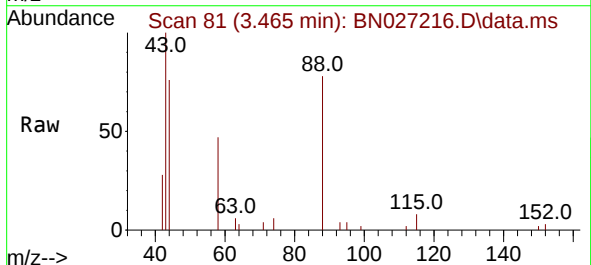
Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20230816

Tgt Ion:152 Resp: 7115
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.8 185.6
 115 61.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.188 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BN027216.D
 Acq: 28 Aug 2023 14:20

Tgt Ion: 88 Resp: 1435
 Ion Ratio Lower Upper
 88 100
 43 67.2 19.2 28.8#
 58 64.9 54.5 81.7





#4

2-Fluorophenol

Concen: 0.092 ng

RT: 5.596 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN027216.D

Acq: 28 Aug 2023 14:20

Instrument :

BNA_N

ClientSampleId :

MW181S-20230816

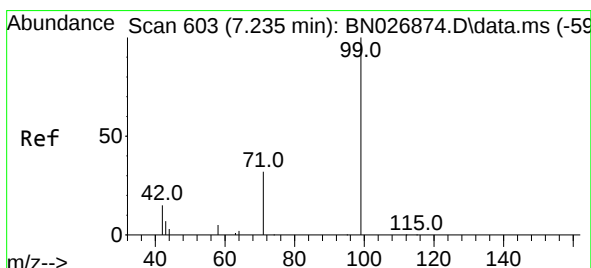
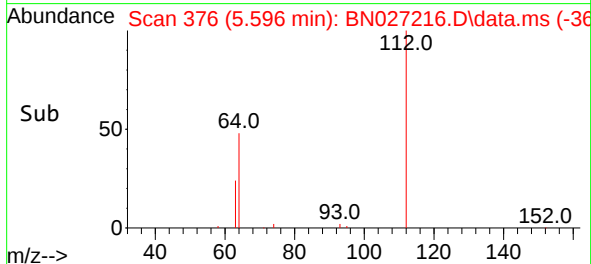
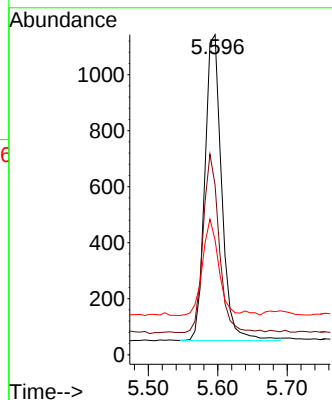
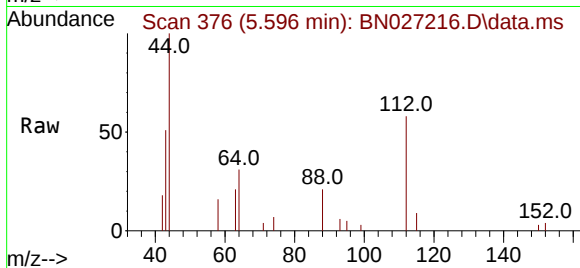
Tgt Ion:112 Resp: 1840

Ion Ratio Lower Upper

112 100

64 55.2 41.5 62.3

63 30.1 21.7 32.5



#5

Phenol-d6

Concen: 0.054 ng

RT: 7.214 min Scan# 600

Delta R.T. 0.007 min

Lab File: BN027216.D

Acq: 28 Aug 2023 14:20

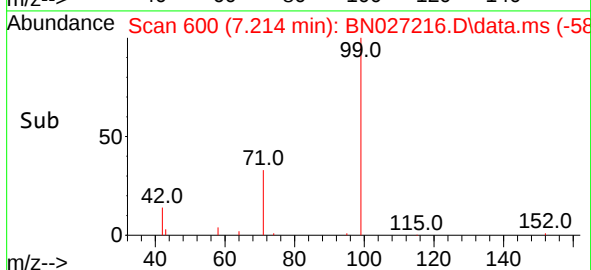
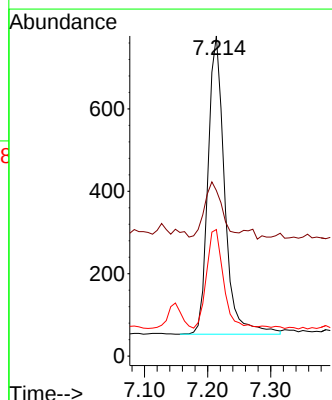
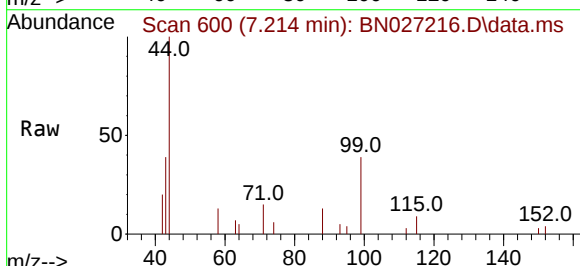
Tgt Ion: 99 Resp: 1327

Ion Ratio Lower Upper

99 100

42 19.0 13.6 20.4

71 33.3 26.0 39.0

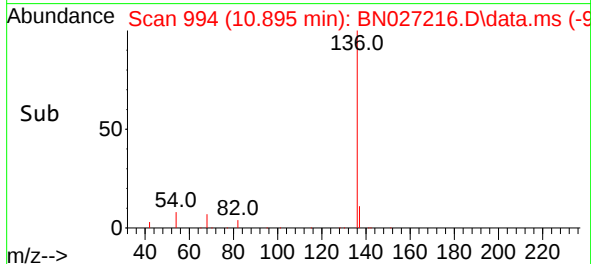
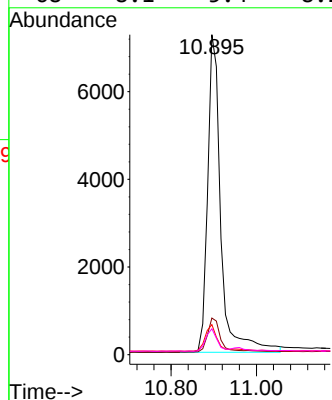
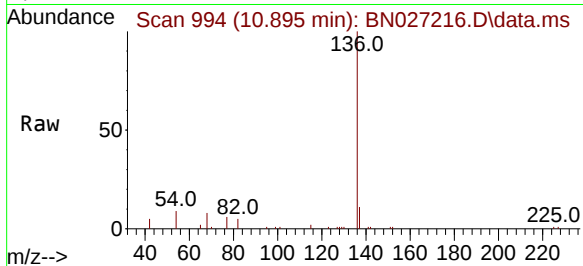




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

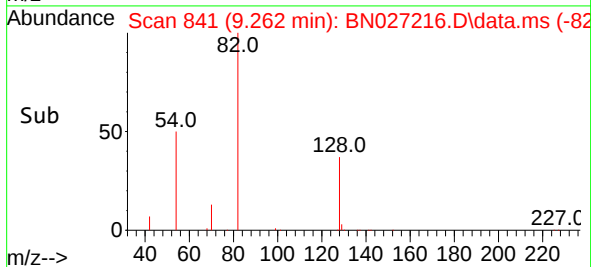
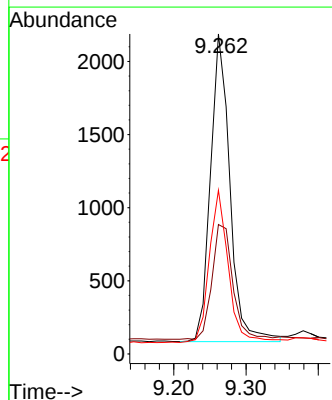
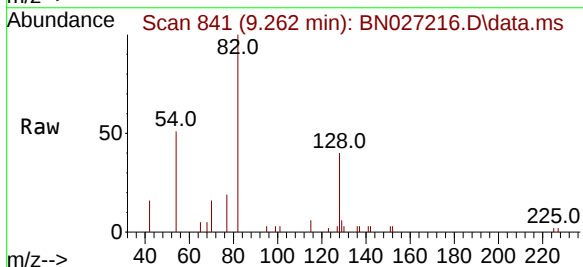
Instrument :
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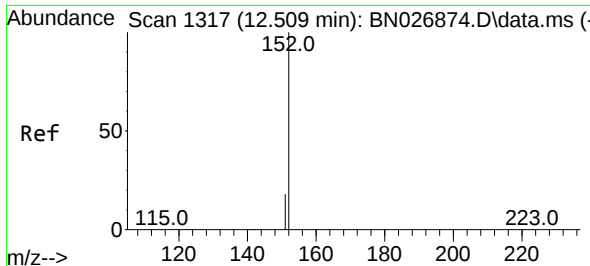
Tgt Ion:	136	Resp:	15511
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	9.4	5.5	8.3
68	8.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Tgt Ion:	82	Resp:	3940
Ion Ratio	Lower	Upper	
82	100		
128	40.4	34.1	51.1
54	51.1	37.0	55.4

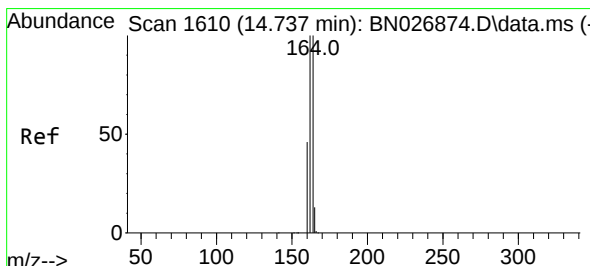
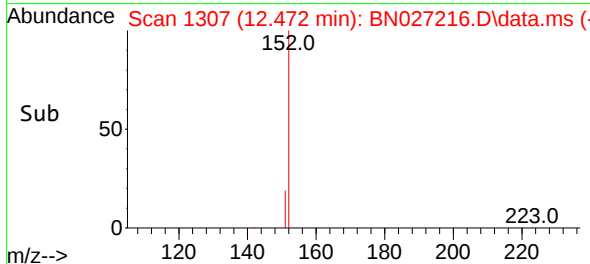
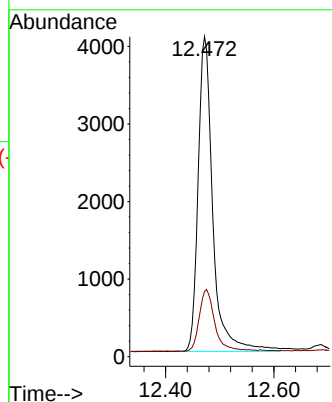
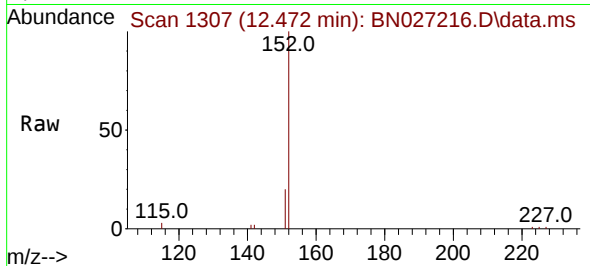




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

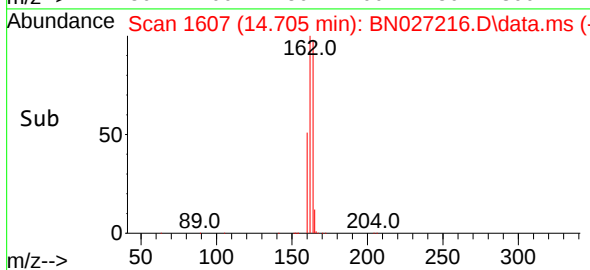
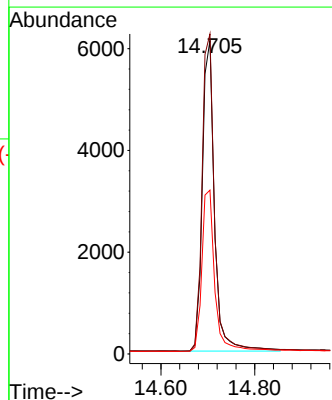
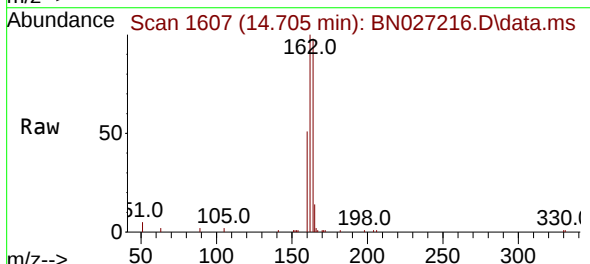
Instrument :
BNA_N
ClientSampleId :
MW181S-20230816

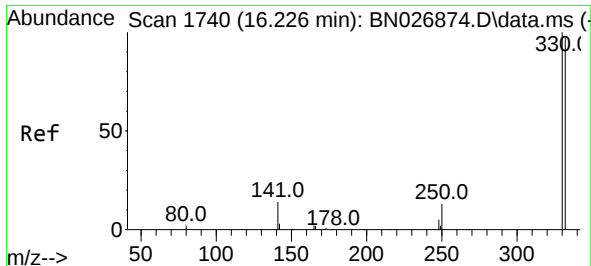
Tgt Ion:152 Resp: 7654
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Tgt Ion:164 Resp: 10957
Ion Ratio Lower Upper
164 100
162 102.0 79.7 119.5
160 52.2 37.4 56.0

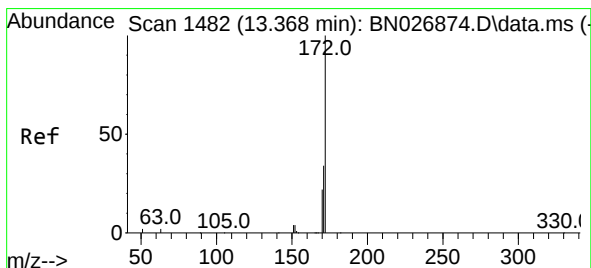
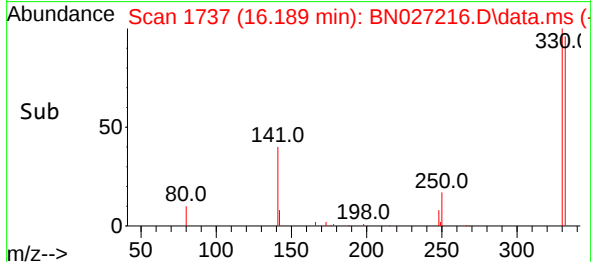
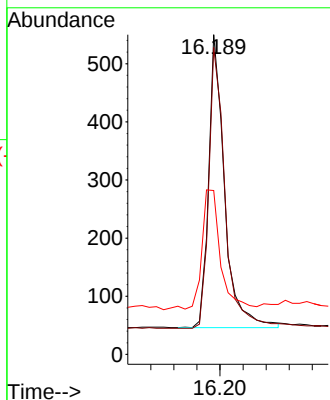
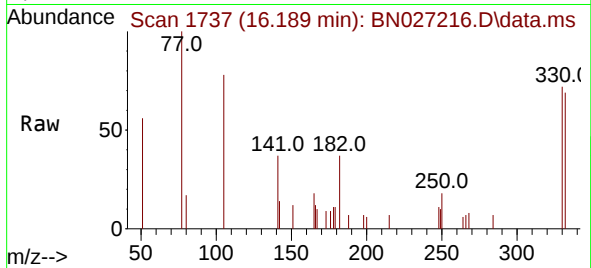




#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

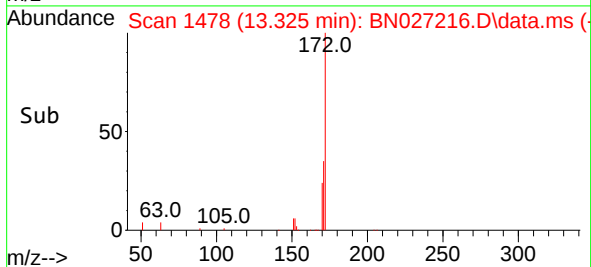
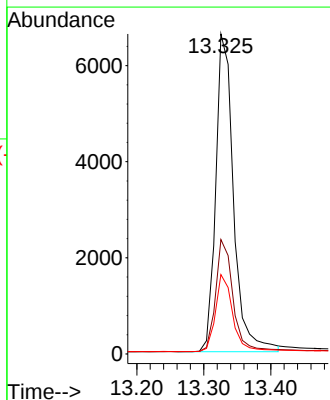
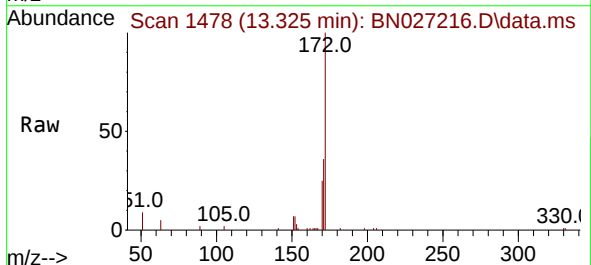
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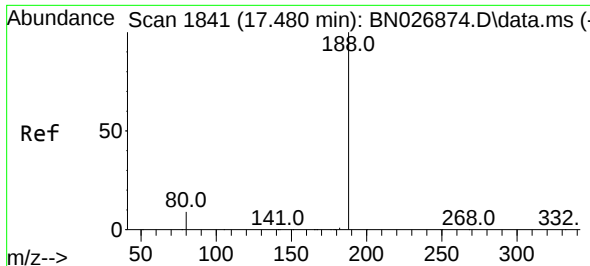
Tgt Ion:	330	Resp:	966
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.6	114.8
141	46.5	32.3	48.5



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Tgt Ion:	172	Resp:	12239
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.4	41.0
170	24.8	18.0	27.0

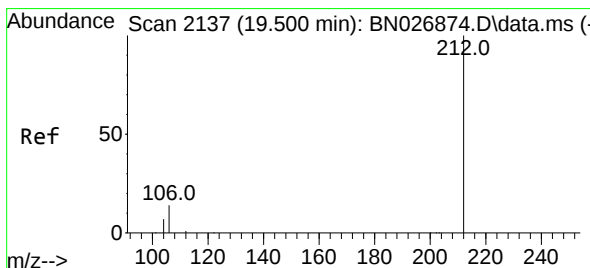
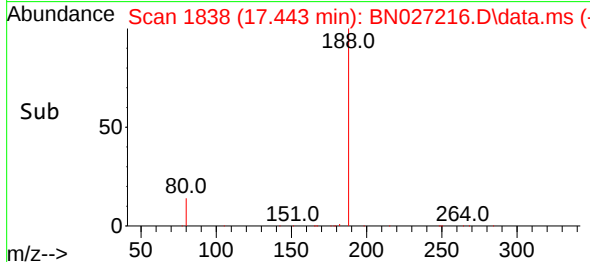
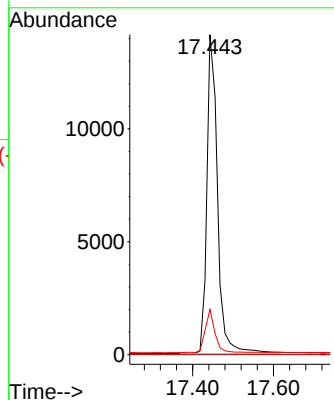
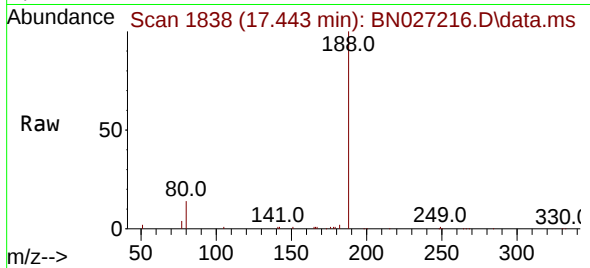




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

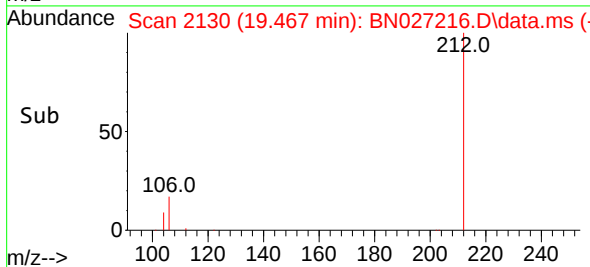
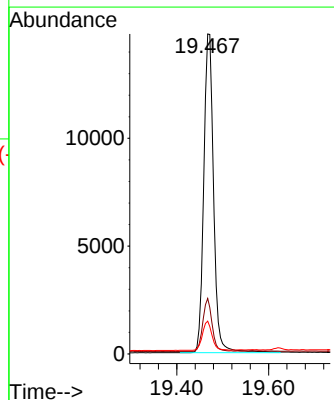
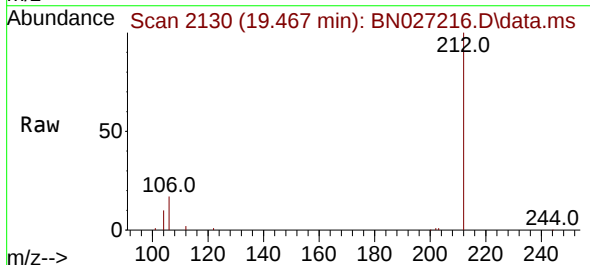
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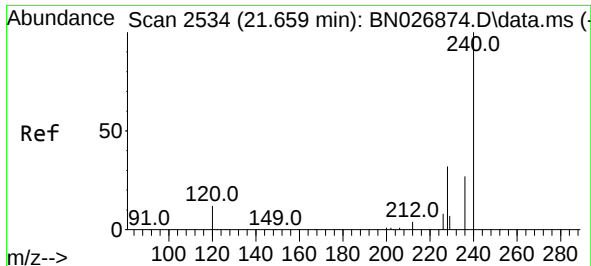
Tgt Ion:188 Resp: 25730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Tgt Ion:212 Resp: 22040
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 8.8 5.9 8.9

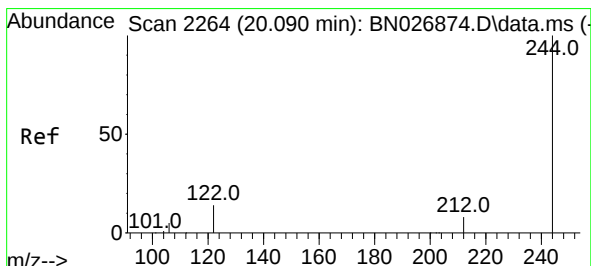
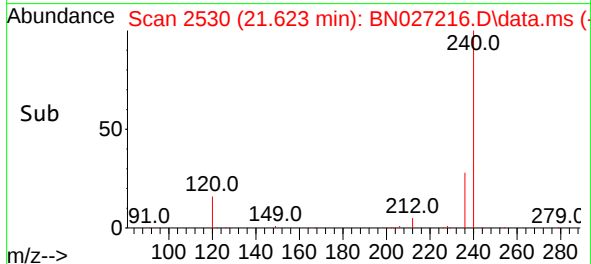
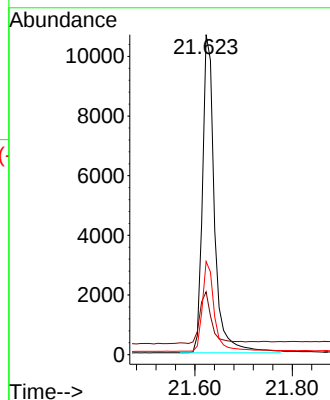
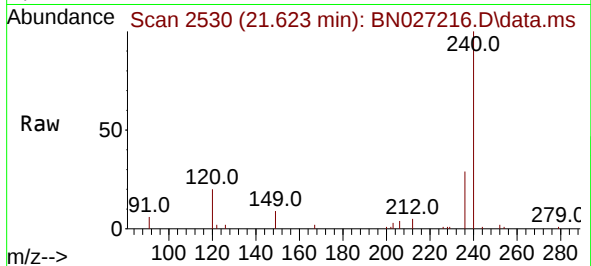




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 216
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

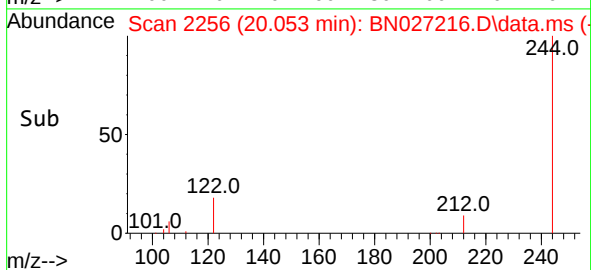
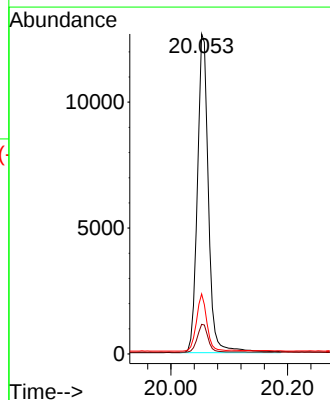
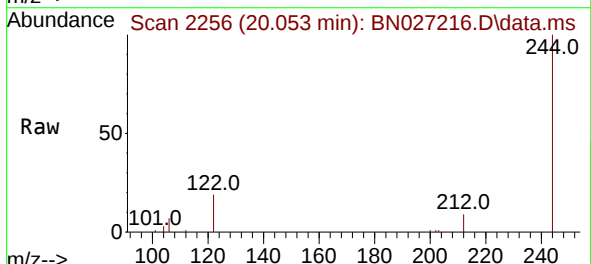
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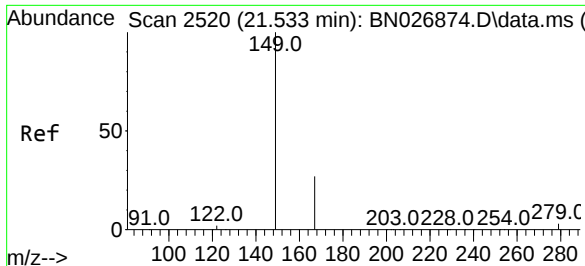
Tgt Ion:240 Resp: 18335
Ion Ratio Lower Upper
240 100
120 19.6 11.1 16.7#
236 29.1 22.2 33.2



#31
Terphenyl-d14
Concen: 0.434 ng
RT: 20.053 min Scan# 2256
Delta R.T. -0.005 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Tgt Ion:244 Resp: 16612
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 18.8 11.9 17.9#

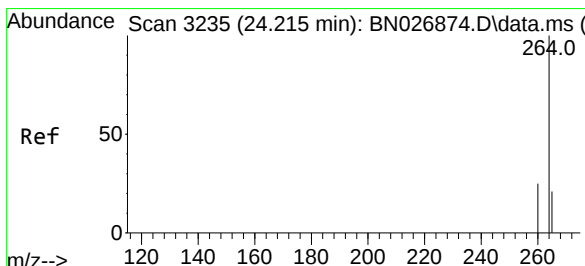
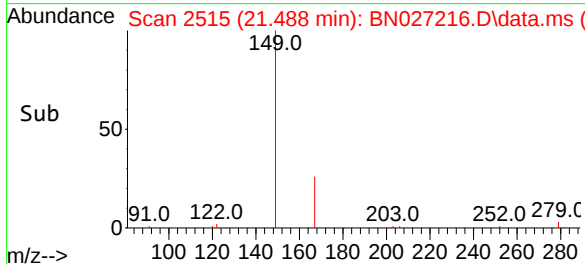
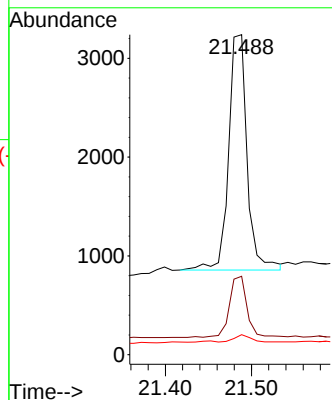
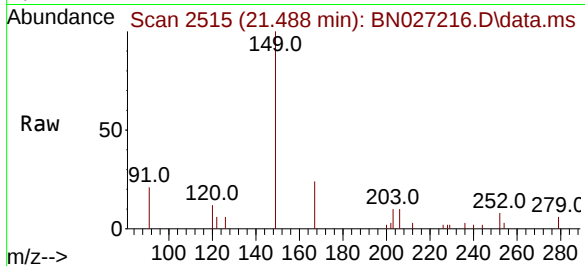




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.488 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Instrument :
BNA_N
ClientSampleId :
MW181S-20230816

Tgt Ion:149 Resp: 3542
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.0
279 3.3 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BN027216.D
Acq: 28 Aug 2023 14:20

Tgt Ion:264 Resp: 15168
Ion Ratio Lower Upper
264 100
260 27.0 20.4 30.6
265 64.6 27.0 40.6#

