

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027172.D
 Acq On : 27 Aug 2023 02:28
 Operator : MA/JU
 Sample : 04051-15
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20230816

Quant Time: Aug 27 03:46:22 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)

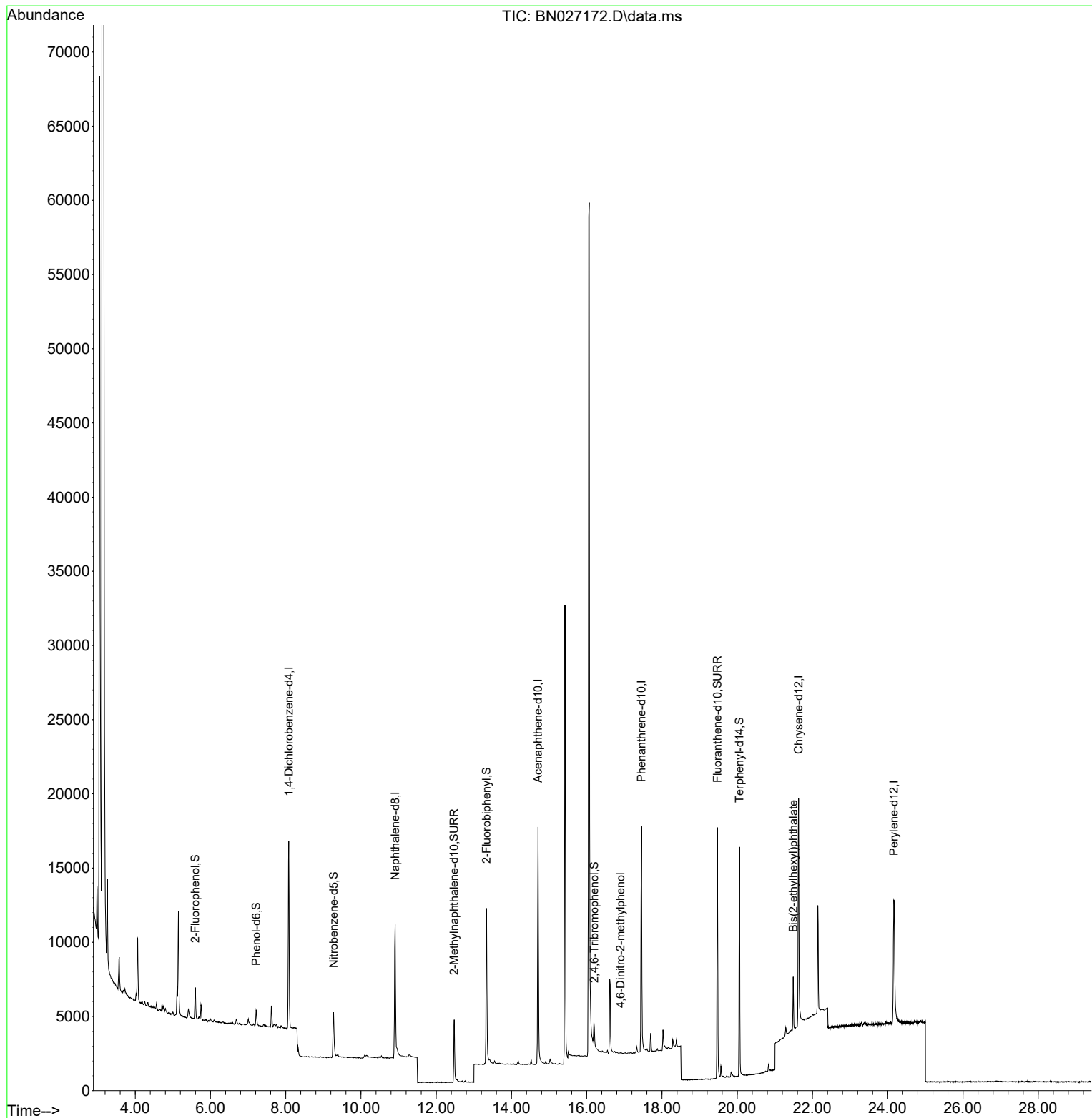
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	6349	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14455	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9607	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	22650	0.400	ng	0.00
29) Chrysene-d12	21.632	240	17027	0.400	ng	0.00
35) Perylene-d12	24.162	264	15411	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1789	0.100	ng	0.00
5) Phenol-d6	7.214	99	1164	0.053	ng	0.00
8) Nitrobenzene-d5	9.273	82	2999	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	6648	0.289	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1068	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10388	0.291	ng	0.00
27) Fluoranthene-d10	19.472	212	19140	0.329	ng	0.00
31) Terphenyl-d14	20.057	244	14970	0.421	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.897	198	10	0.028	ng	# 3
34) Bis(2-ethylhexyl)phtha...	21.489	149	3331	0.075	ng	97

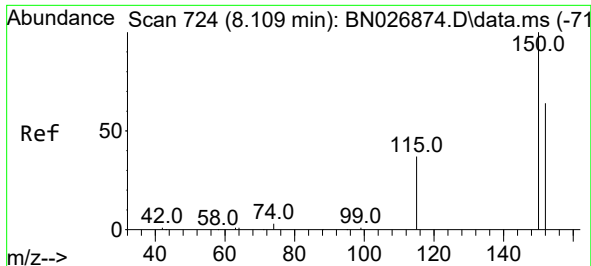
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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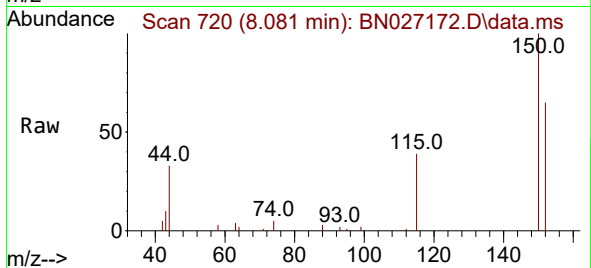
Quant Time: Aug 27 03:46:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



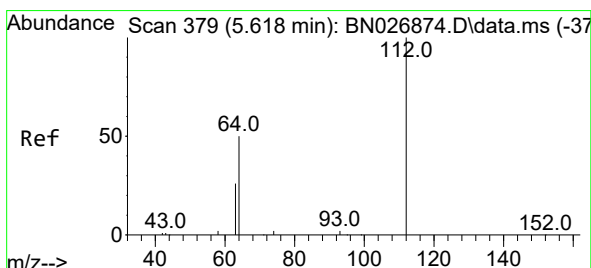
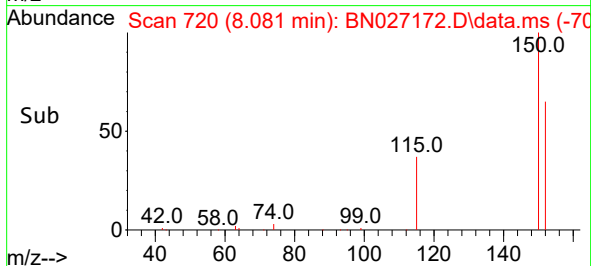
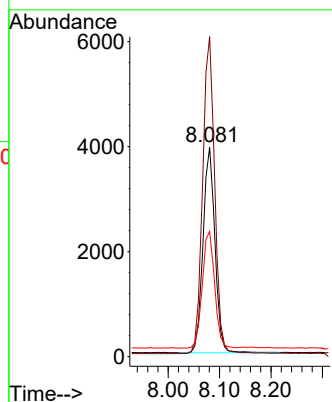


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.081 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20230816

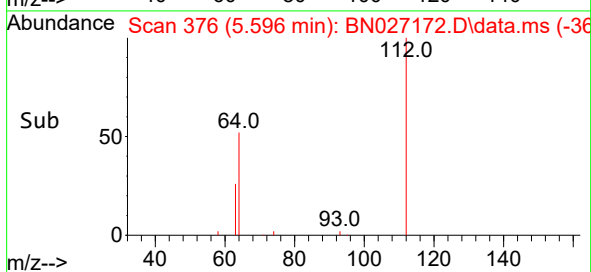
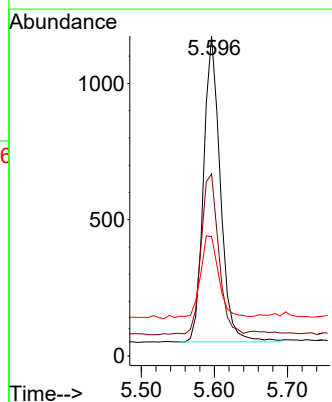
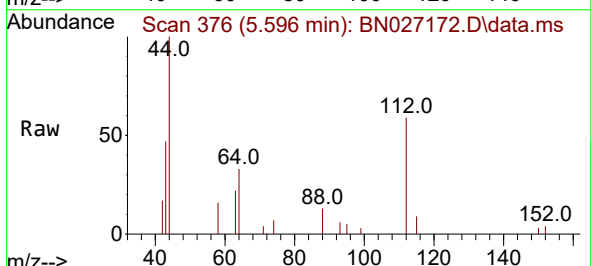


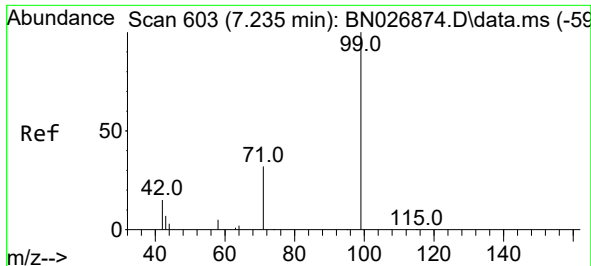
Tgt Ion:152 Resp: 6349
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 59.8 49.7 74.5



#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.596 min Scan# 376
Delta R.T. -0.007 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Tgt Ion:112 Resp: 1789
Ion Ratio Lower Upper
112 100
64 55.3 41.5 62.3
63 30.6 21.7 32.5

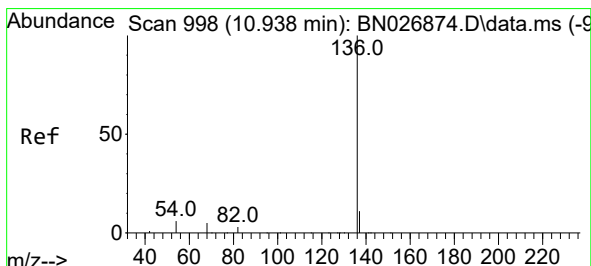
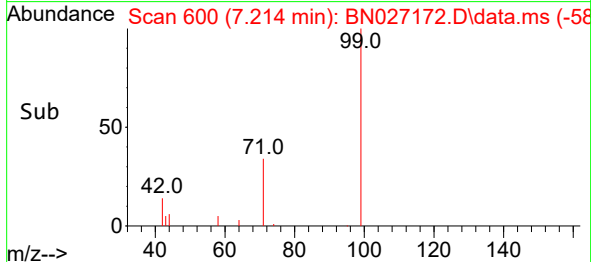
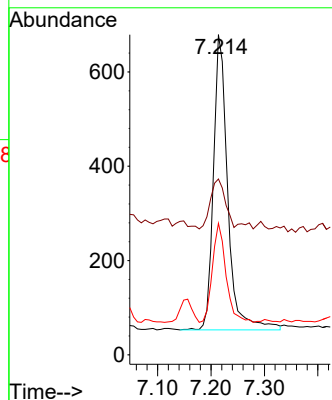
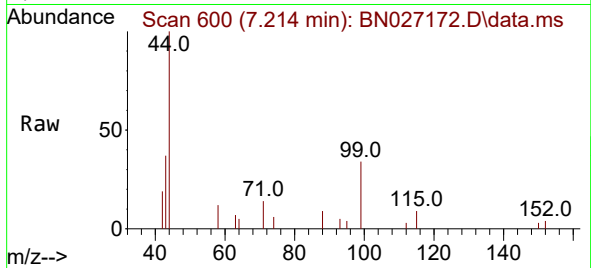




#5
Phenol-d6
Concen: 0.053 ng
RT: 7.214 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

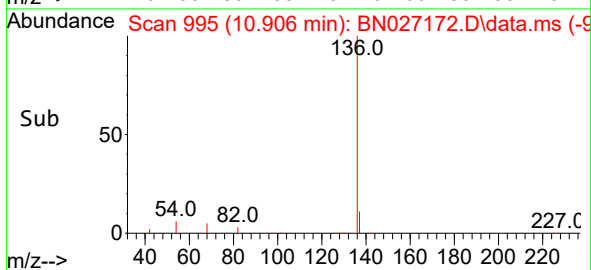
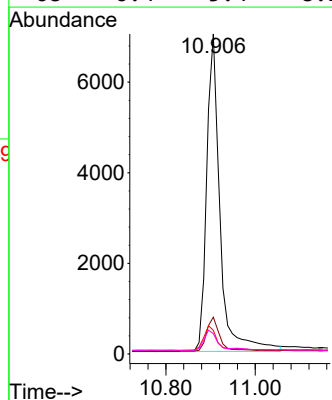
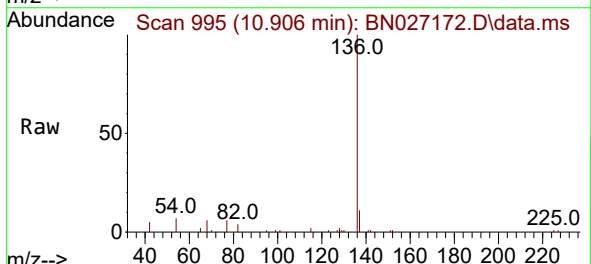
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20230816

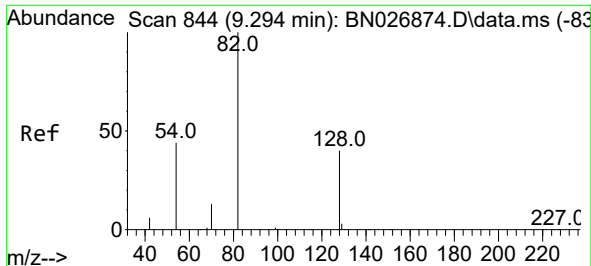
Tgt Ion: 99 Resp: 1164
Ion Ratio Lower Upper
99 100
42 17.9 13.6 20.4
71 31.7 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Tgt Ion: 136 Resp: 14455
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.4 5.5 8.3
68 6.4 5.4 8.2

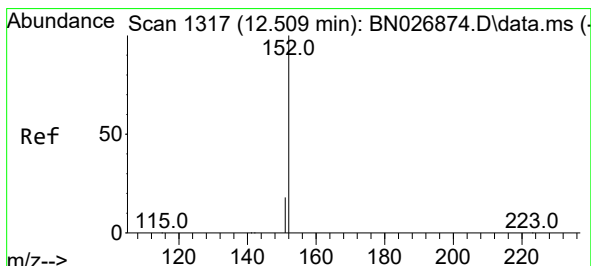
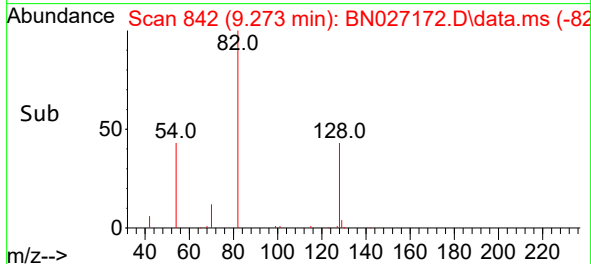
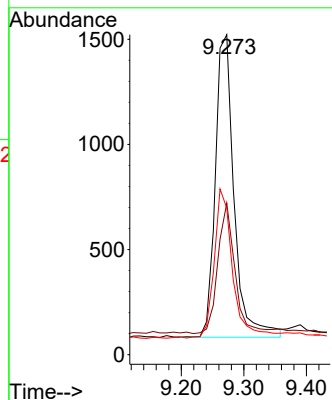
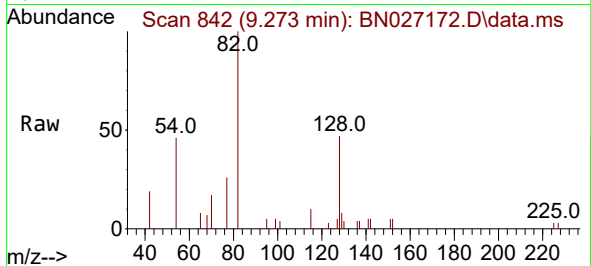




#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.273 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

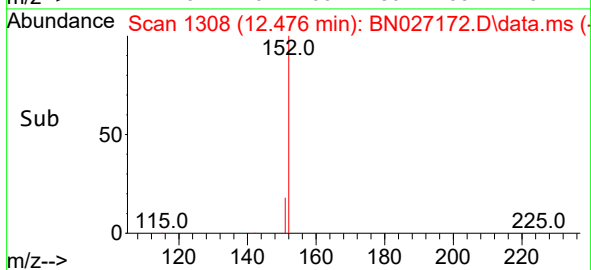
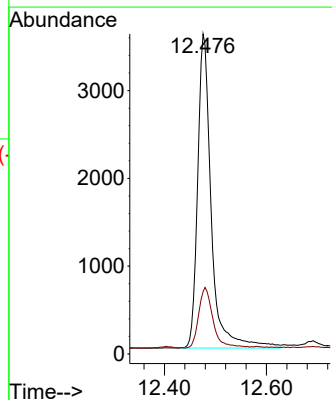
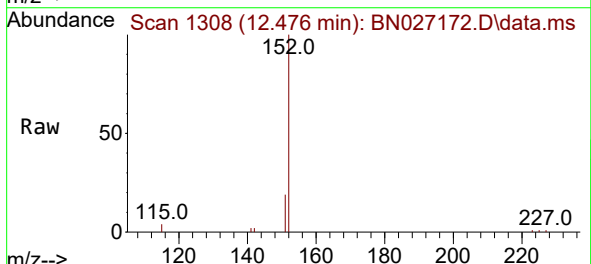
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20230816

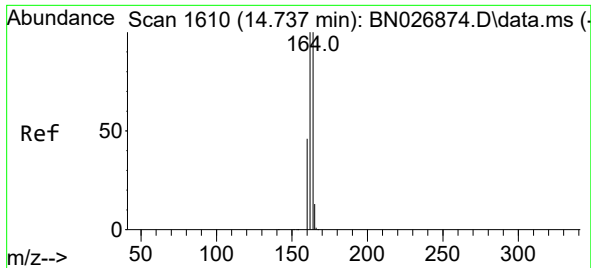
Tgt Ion: 82 Resp: 2999
Ion Ratio Lower Upper
82 100
128 47.4 34.1 51.1
54 45.8 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.476 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Tgt Ion: 152 Resp: 6648
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

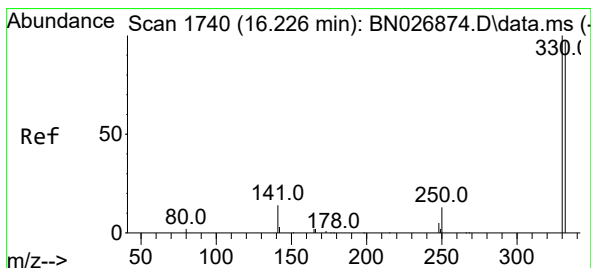
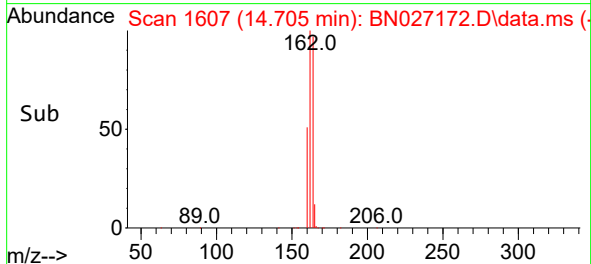
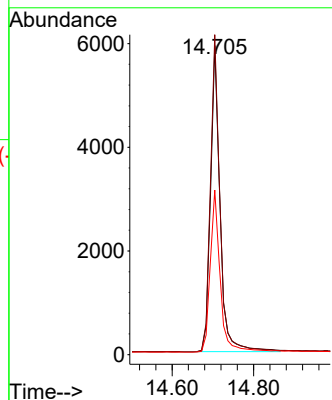
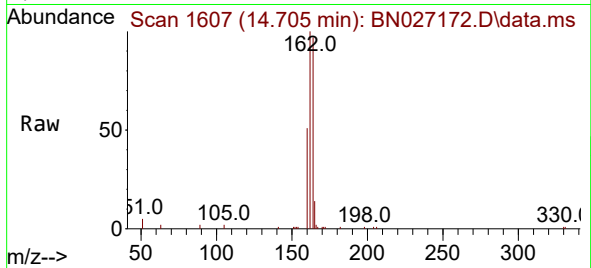




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

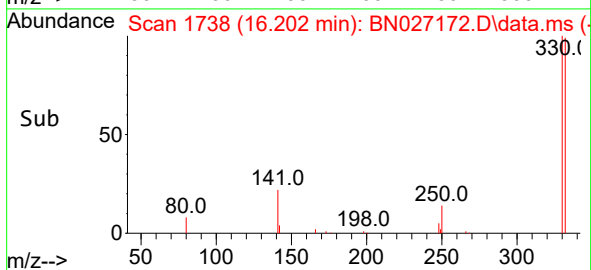
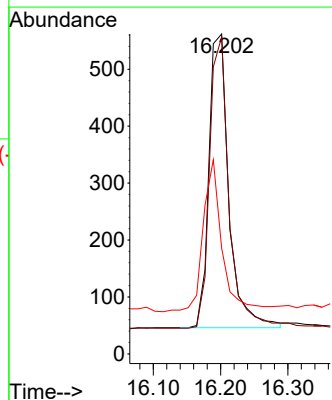
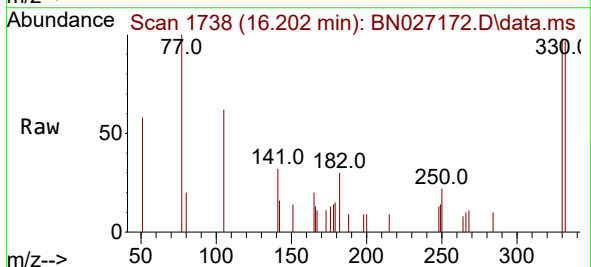
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BNA_N
ClientSampleId :
BPOW1-8-20230816

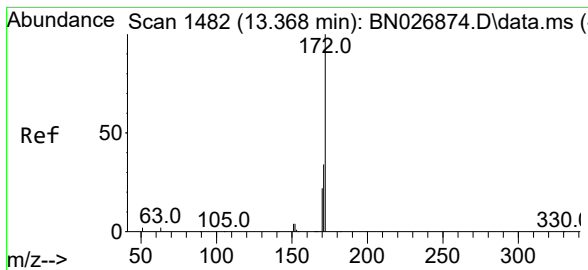
Tgt Ion:164 Resp: 9607
Ion Ratio Lower Upper
164 100
162 103.5 79.7 119.5
160 53.3 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Tgt Ion:330 Resp: 1068
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 46.1 32.3 48.5

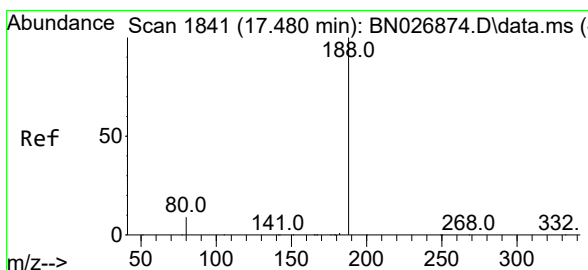
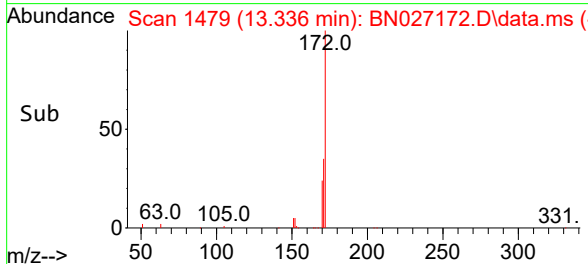
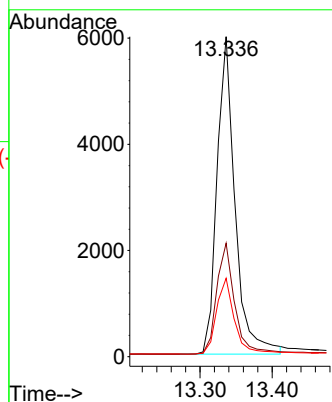
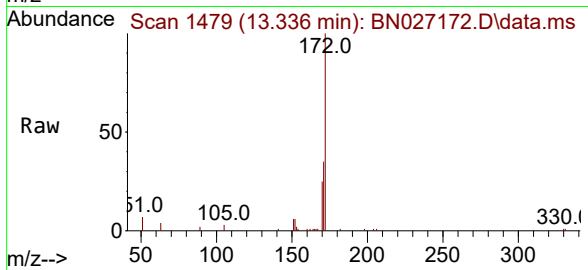




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.336 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

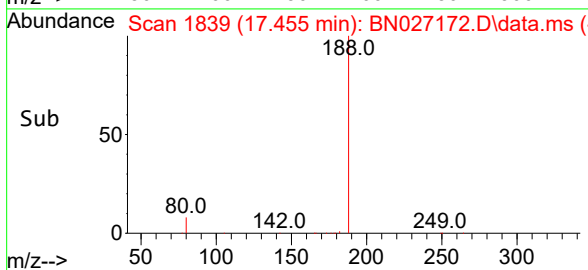
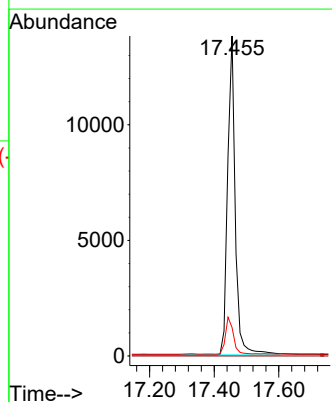
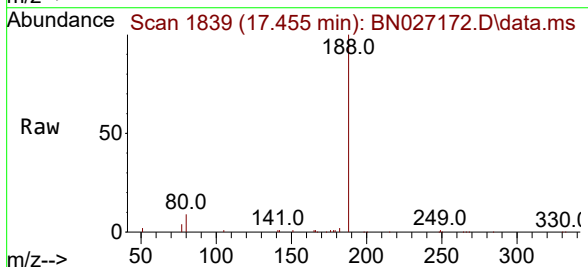
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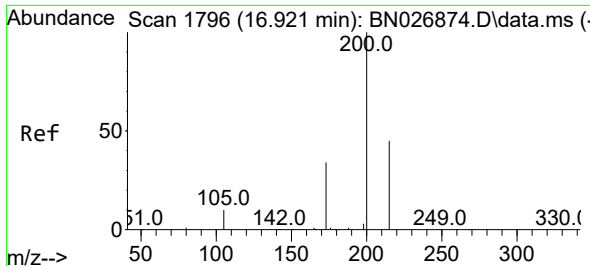
Tgt Ion:172	Resp:	10388
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.4 41.0
170	24.5	18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Tgt Ion:188	Resp:	22650
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.9	7.4 11.2

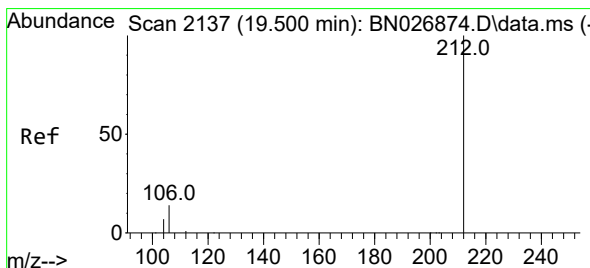
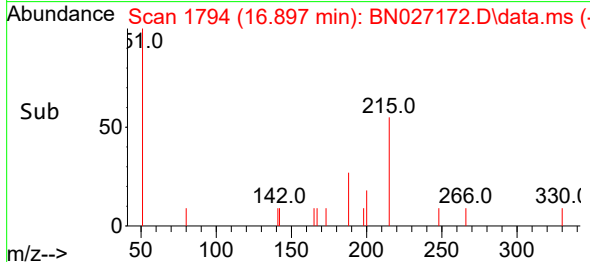
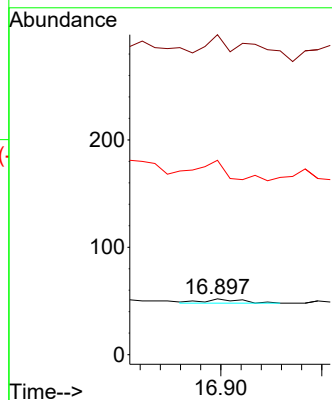
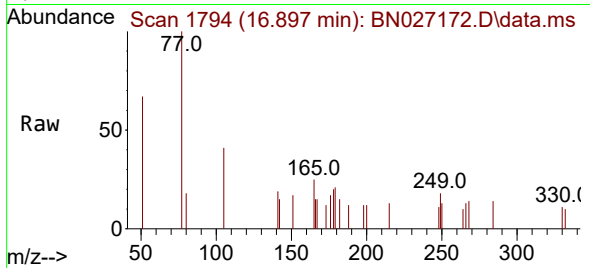




#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 16.897 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

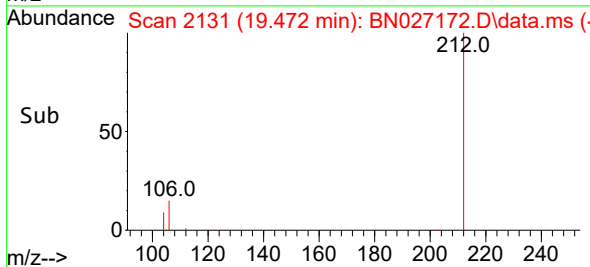
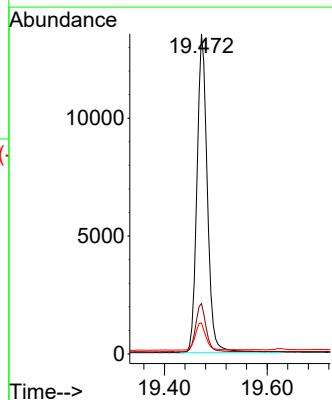
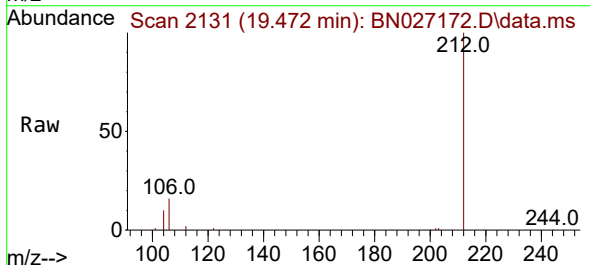
Instrument :
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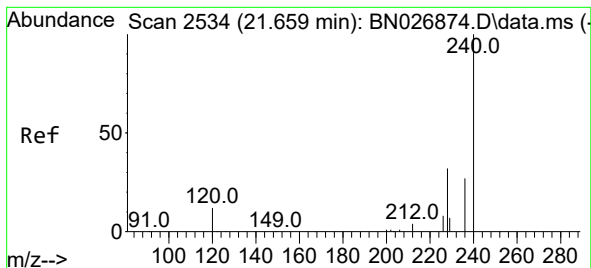
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 573.1 143.8 215.8#
105 348.1 273.5 410.3



#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027172.D
Acq: 27 Aug 2023 02:28

Tgt Ion:212 Resp: 19140
Ion Ratio Lower Upper
212 100
106 15.1 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: BN027172.D

Acq: 27 Aug 2023 02:28

Instrument :

BNA_N

ClientSampleId :

BPOW1-8-20230816

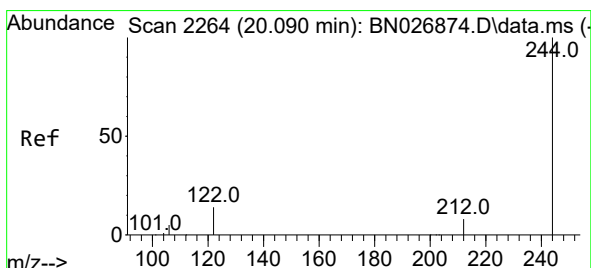
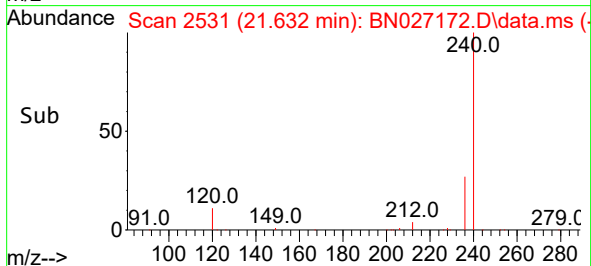
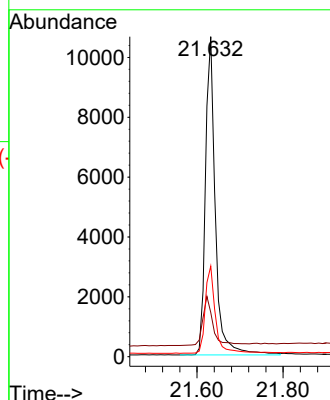
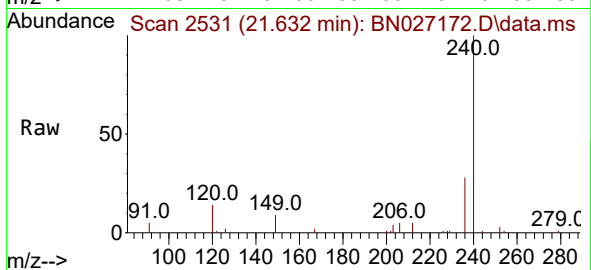
Tgt Ion:240 Resp: 17027

Ion Ratio Lower Upper

240 100

120 13.8 11.1 16.7

236 28.3 22.2 33.2



#31

Terphenyl-d14

Concen: 0.421 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027172.D

Acq: 27 Aug 2023 02:28

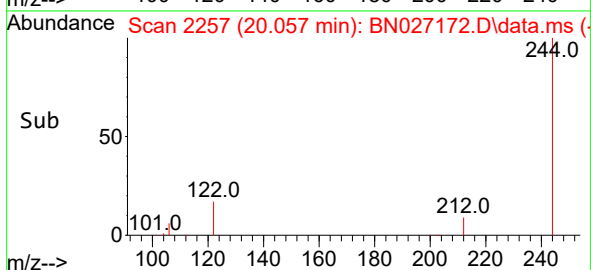
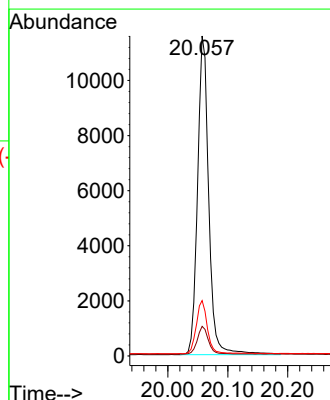
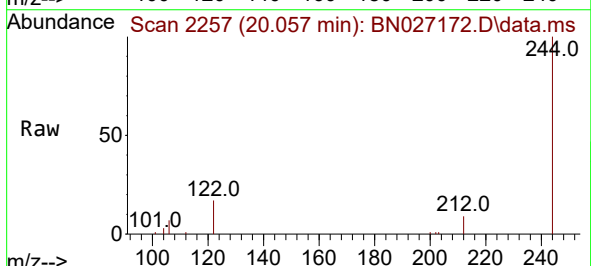
Tgt Ion:244 Resp: 14970

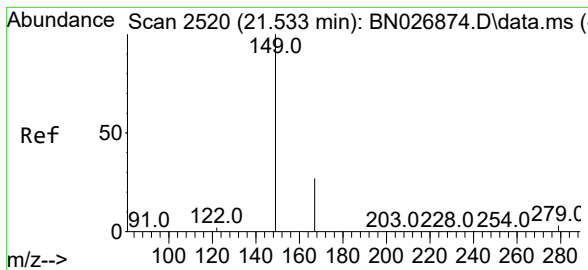
Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

122 17.3 11.9 17.9

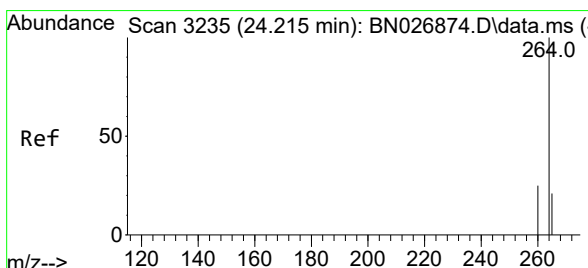
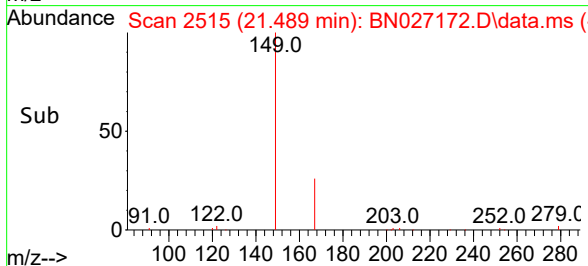
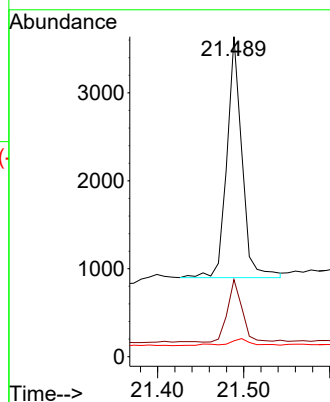
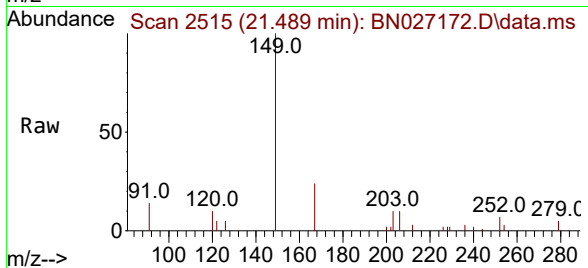




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.489 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027172.D
 Acq: 27 Aug 2023 02:28

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20230816

Tgt Ion:149 Resp: 3331
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.4 32.0
 279 4.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3217
 Delta R.T. -0.009 min
 Lab File: BN027172.D
 Acq: 27 Aug 2023 02:28

Tgt Ion:264 Resp: 15411
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.4 30.6
 265 68.3 27.0 40.6#

