

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027345.D
 Acq On : 01 Sep 2023 14:16
 Operator : MA/JU
 Sample : 04229-08
 Misc :
 ALS Vial : 126 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082923-FD

Quant Time: Sep 02 01:53:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

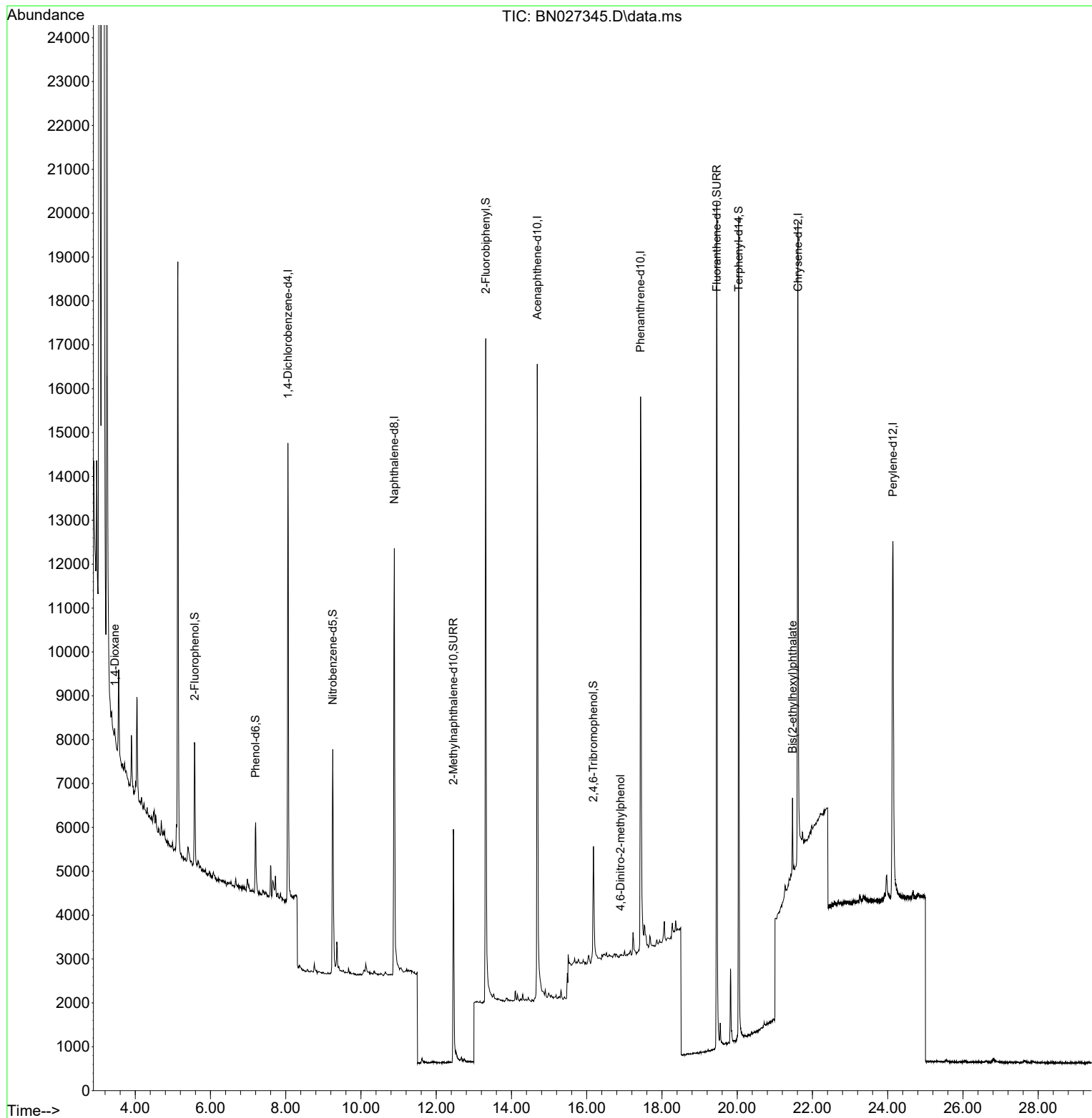
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5088	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	14665	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	9852	0.400	ng	0.00
19) Phenanthrene-d10	17.430	188	21595	0.400	ng	0.00
29) Chrysene-d12	21.614	240	16701	0.400	ng	# 0.00
35) Perylene-d12	24.136	264	15009	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2542	0.192	ng	0.00
5) Phenol-d6	7.199	99	1713	0.106	ng	0.00
8) Nitrobenzene-d5	9.251	82	4484	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	8359	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	1878	0.515	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	14578	0.389	ng	0.00
27) Fluoranthene-d10	19.458	212	23346	0.435	ng	0.00
31) Terphenyl-d14	20.039	244	18605	0.555	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	301	0.048	ng	# 82
20) 4,6-Dinitro-2-methylph...	16.897	198	10	0.033	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.471	149	1731	0.063	ng	96

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

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Instrument :
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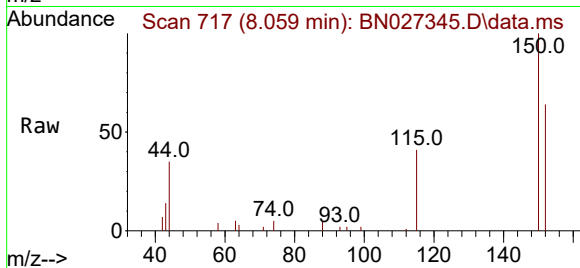
Quant Time: Sep 02 01:53:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration



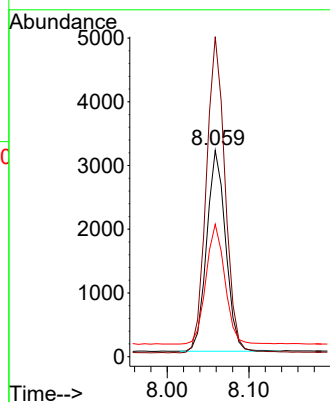
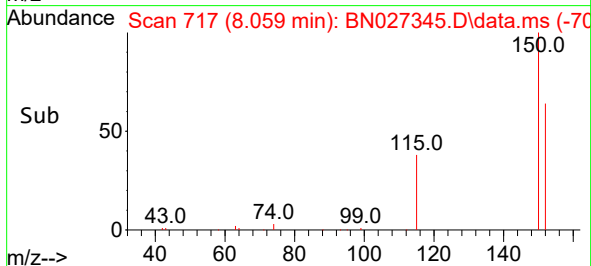


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.059 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923-FD

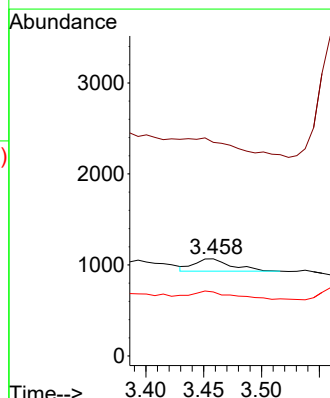
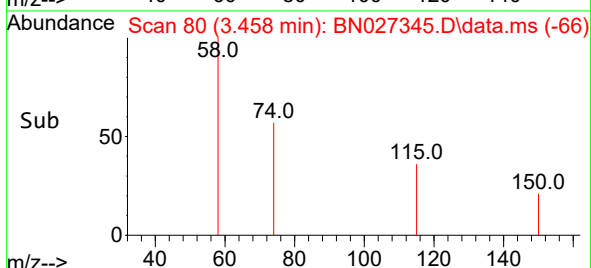
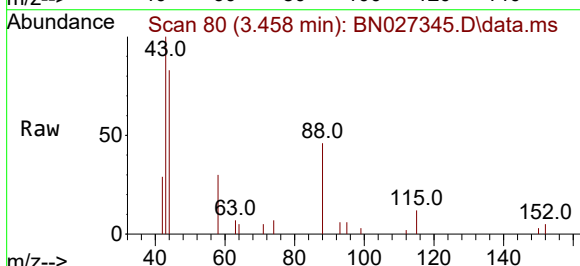


Tgt Ion:152 Resp: 5088
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 64.3 48.6 73.0



#2
1,4-Dioxane
Concen: 0.048 ng
RT: 3.458 min Scan# 80
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

Tgt Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
43 0.0 19.1 28.7#
58 70.4 52.2 78.2

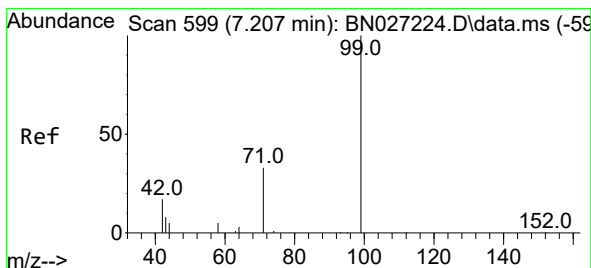
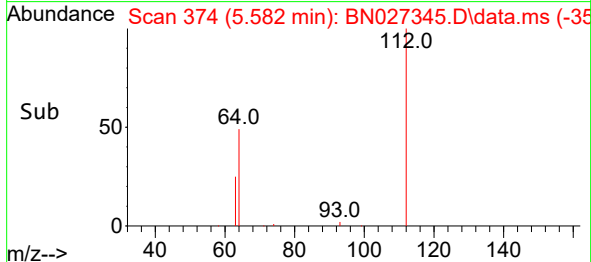
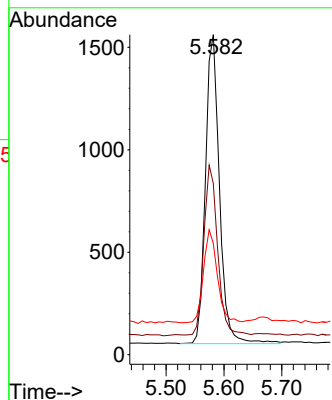
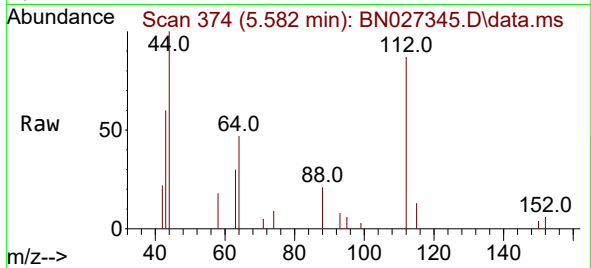




#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.582 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

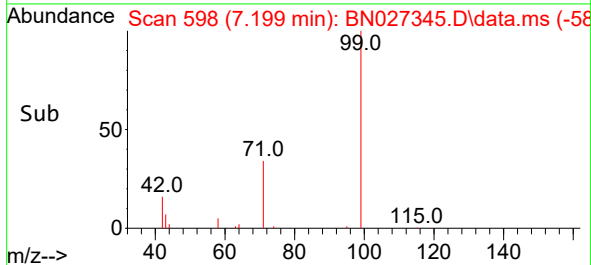
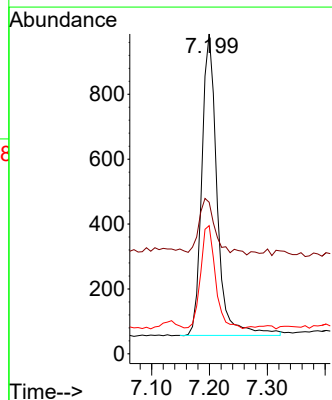
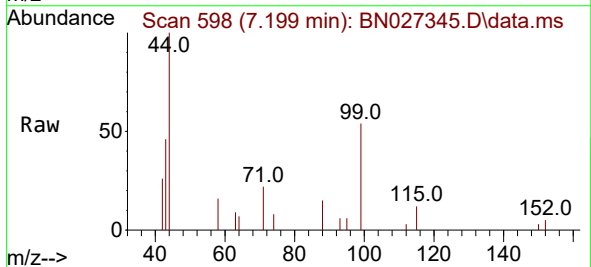
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923-FD

Tgt Ion:112 Resp: 2542
Ion Ratio Lower Upper
112 100
64 53.7 44.4 66.6
63 29.7 23.1 34.7



#5
Phenol-d6
Concen: 0.106 ng
RT: 7.199 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

Tgt Ion: 99 Resp: 1713
Ion Ratio Lower Upper
99 100
42 20.1 14.5 21.7
71 33.0 25.8 38.6

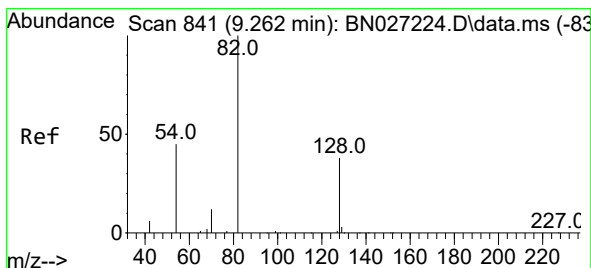
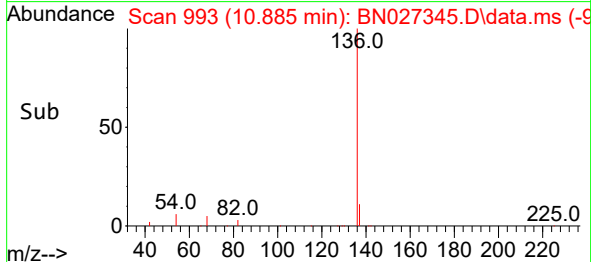
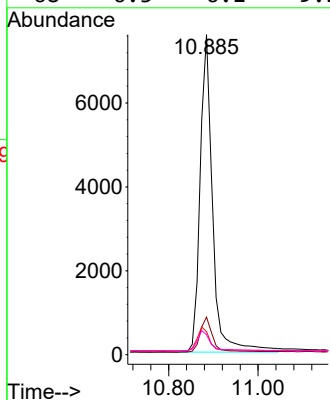
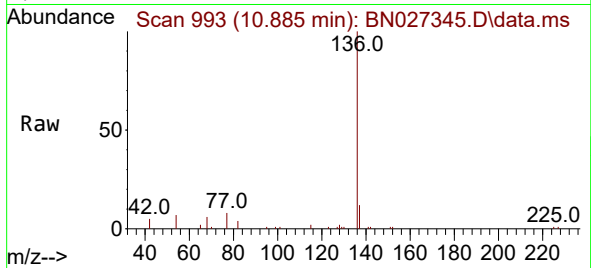




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

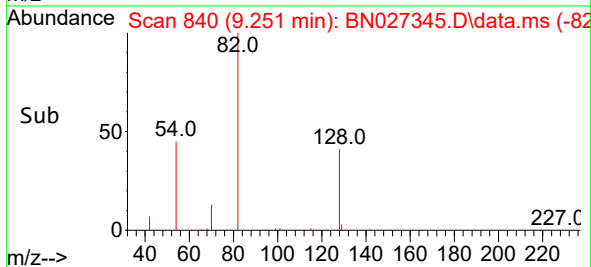
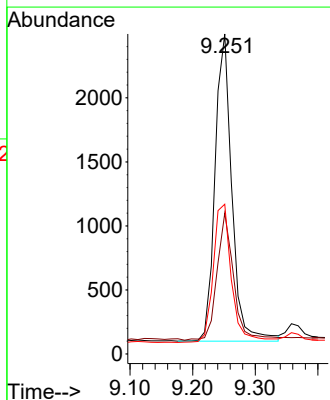
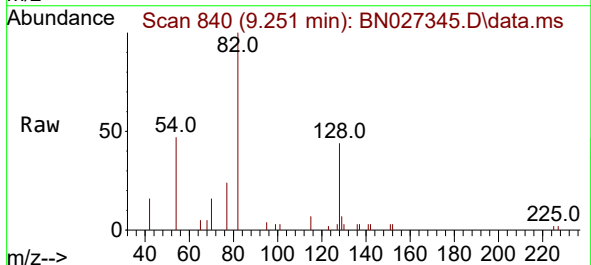
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923-FD

Tgt Ion:	136	Resp:	14665
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	7.2	6.7	10.1
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.251 min Scan# 840
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

Tgt Ion:	82	Resp:	4484
Ion Ratio	Lower	Upper	
82	100		
128	44.0	33.4	50.0
54	46.8	37.7	56.5

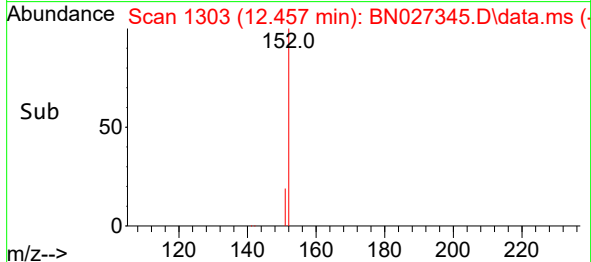
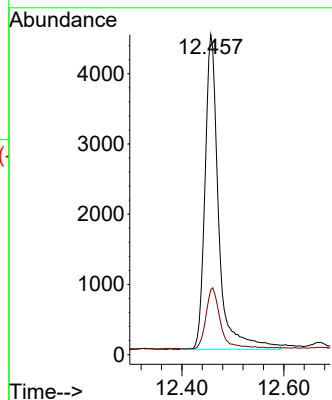
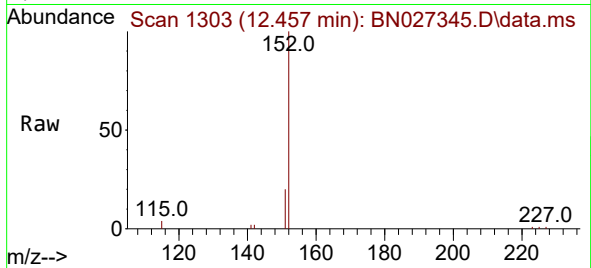




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

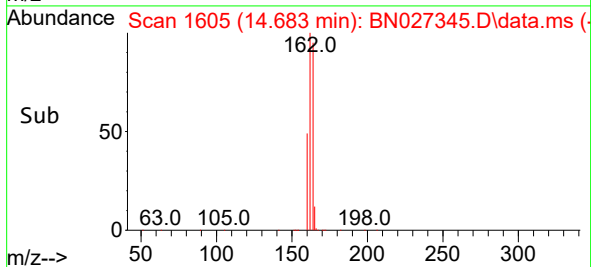
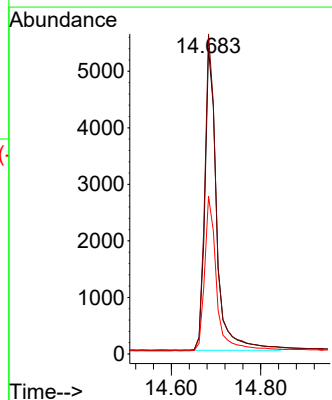
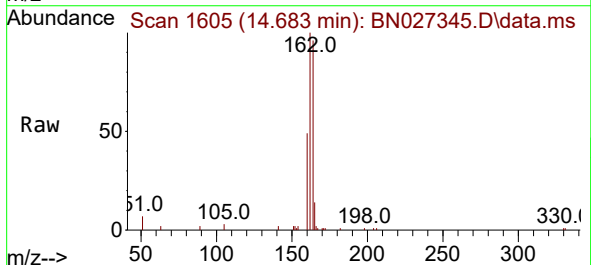
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923-FD

Tgt Ion:152 Resp: 8359
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

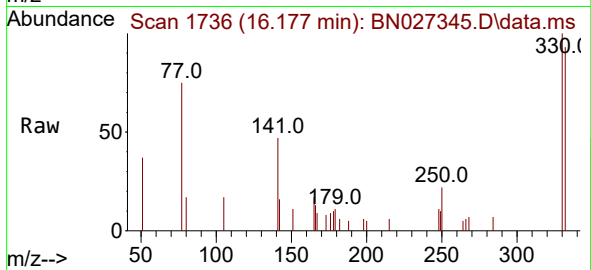
Tgt Ion:164 Resp: 9852
Ion Ratio Lower Upper
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162 104.7 85.8 128.8
160 51.5 44.2 66.2



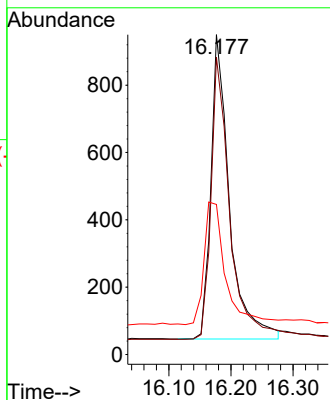
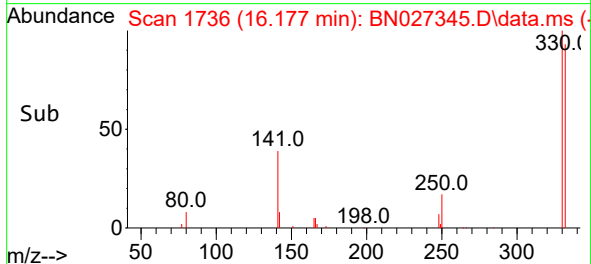


#14
2,4,6-Tribromophenol
Concen: 0.515 ng
RT: 16.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

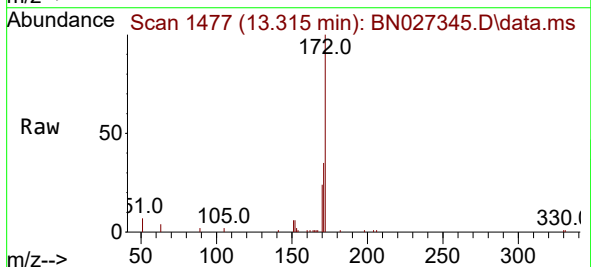
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923-FD



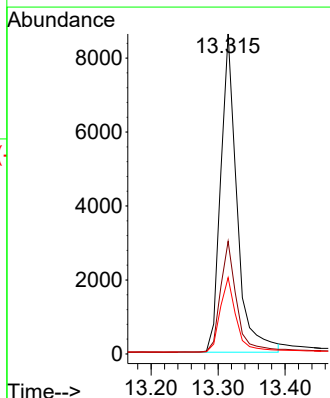
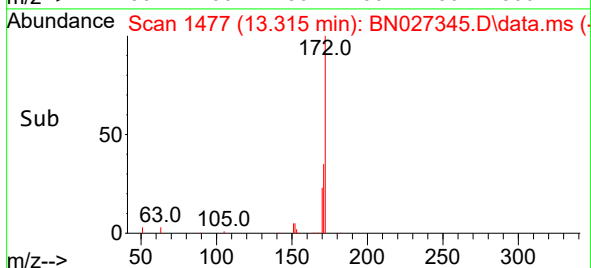
Tgt Ion:330 Resp: 1878
Ion Ratio Lower Upper
330 100
332 93.6 75.2 112.8
141 46.5 36.2 54.4

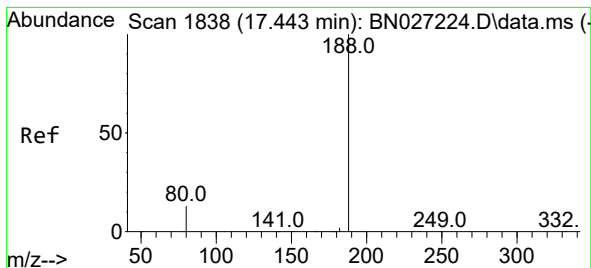


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.315 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16



Tgt Ion:172 Resp: 14578
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.8 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.430 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BN027345.D

Acq: 01 Sep 2023 14:16

Instrument :

BNA_N

ClientSampleId :

MW-02-9-082923-FD

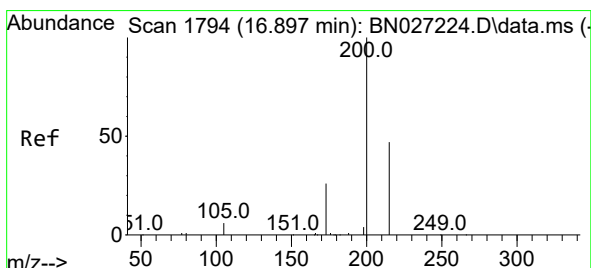
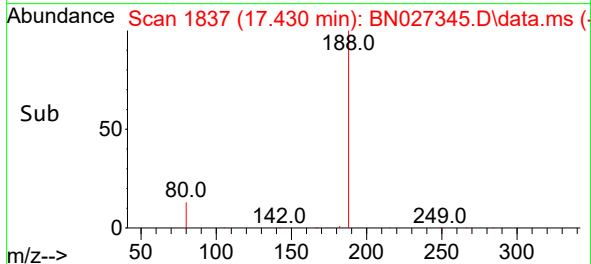
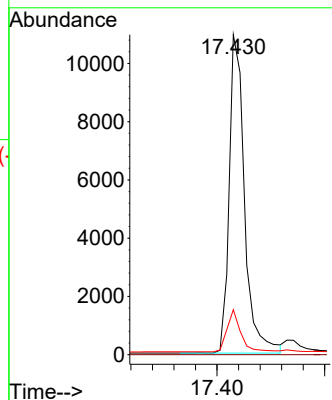
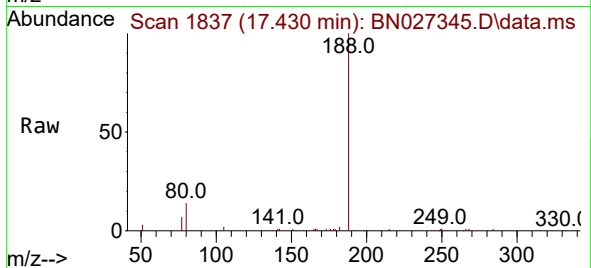
Tgt Ion:188 Resp: 21595

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.033 ng

RT: 16.897 min Scan# 1794

Delta R.T. 0.013 min

Lab File: BN027345.D

Acq: 01 Sep 2023 14:16

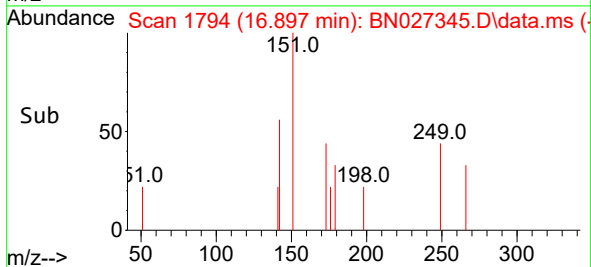
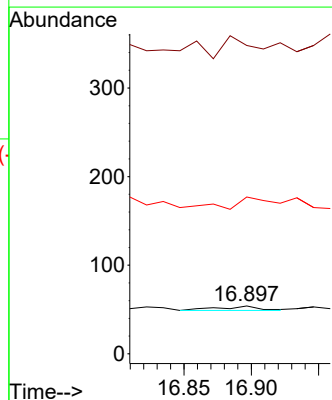
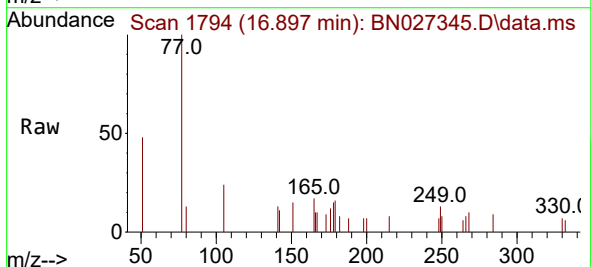
Tgt Ion:198 Resp: 10

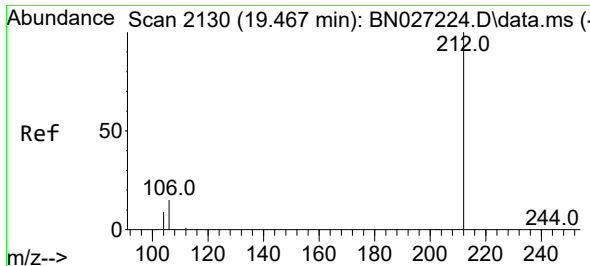
Ion Ratio Lower Upper

198 100

51 644.4 282.2 423.2#

105 327.8 168.7 253.1#

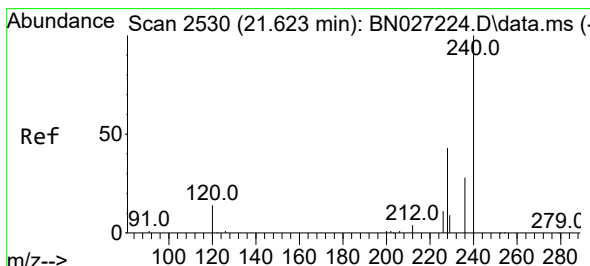
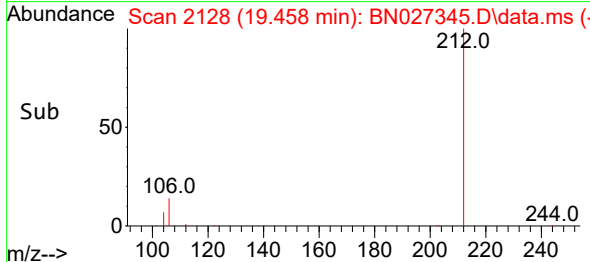
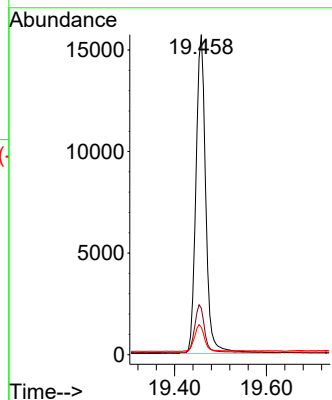
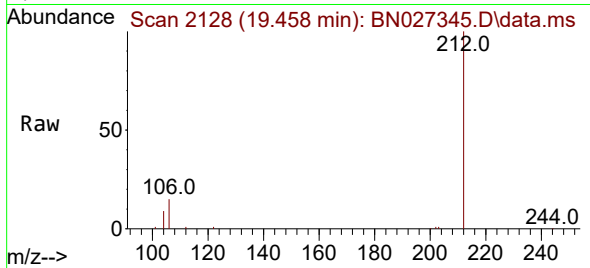




#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.458 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

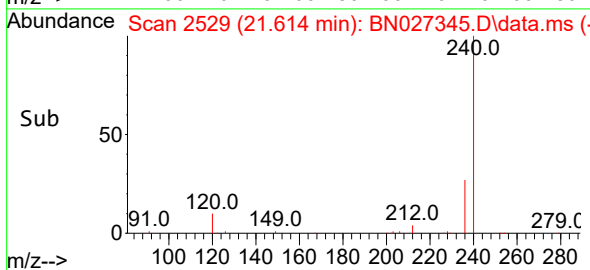
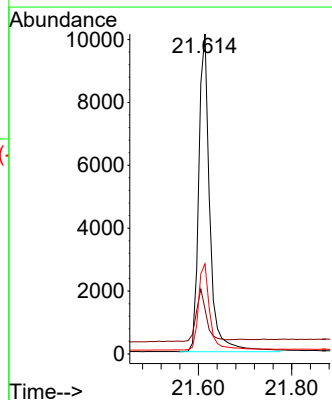
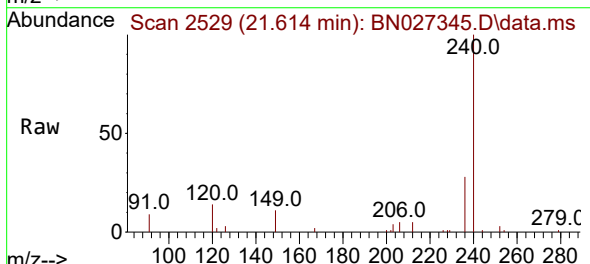
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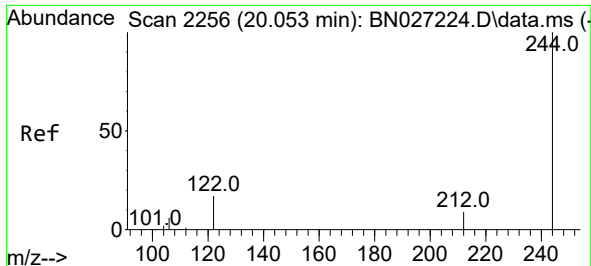
Tgt Ion:212 Resp: 23346
Ion Ratio Lower Upper
212 100
106 14.7 12.1 18.1
104 8.5 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BN027345.D
Acq: 01 Sep 2023 14:16

Tgt Ion:240 Resp: 16701
Ion Ratio Lower Upper
240 100
120 14.1 14.2 21.4#
236 28.2 22.9 34.3

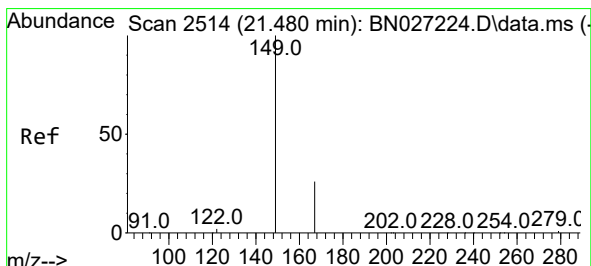
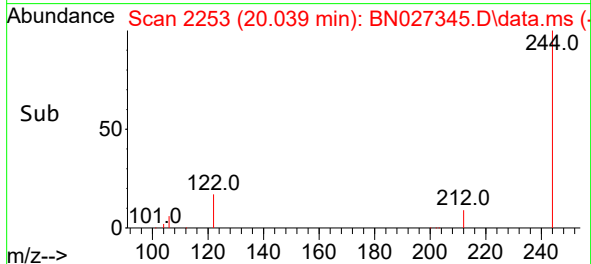
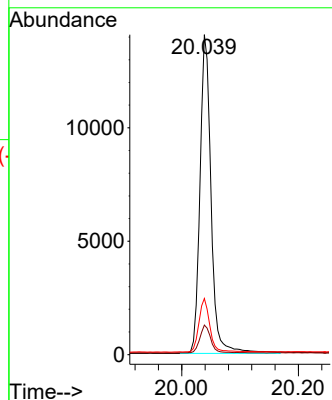
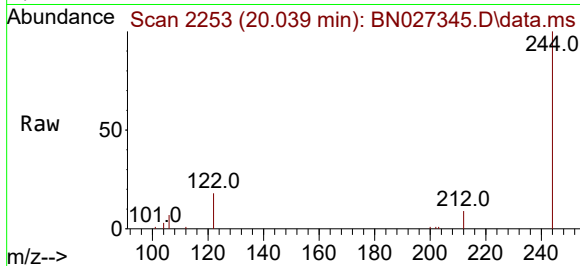




#31
 Terphenyl-d14
 Concen: 0.555 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027345.D
 Acq: 01 Sep 2023 14:16

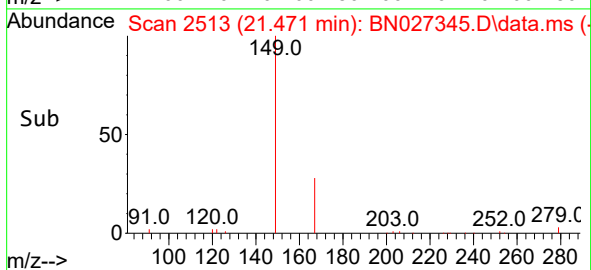
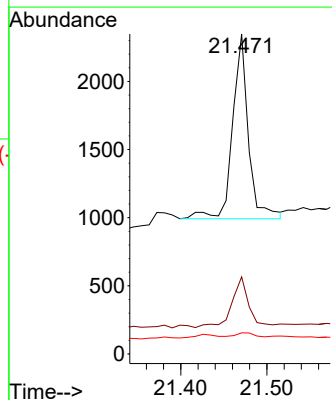
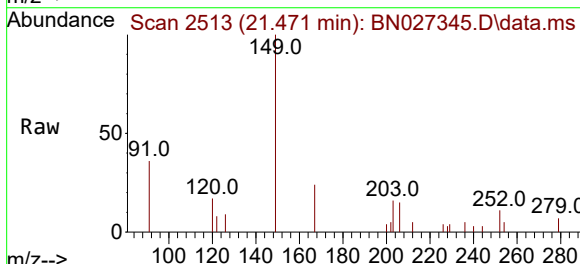
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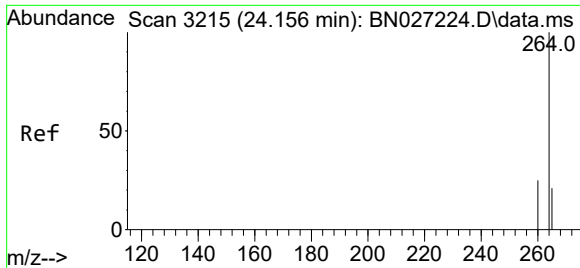
Tgt Ion:244 Resp: 18605
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 17.5 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.471 min Scan# 2513
 Delta R.T. 0.000 min
 Lab File: BN027345.D
 Acq: 01 Sep 2023 14:16

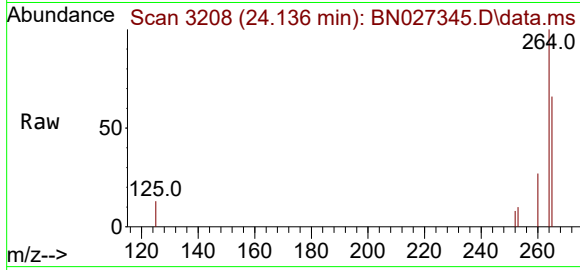
Tgt Ion:149 Resp: 1731
 Ion Ratio Lower Upper
 149 100
 167 29.7 22.1 33.1
 279 3.0 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.136 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027345.D
 Acq: 01 Sep 2023 14:16

Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082923-FD



Tgt Ion:264 Resp: 15009

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.7	31.1
265	66.0	53.3	79.9

