

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027312.D
 Acq On : 31 Aug 2023 16:21
 Operator : MA/JU
 Sample : PB155217BL
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 18:13:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

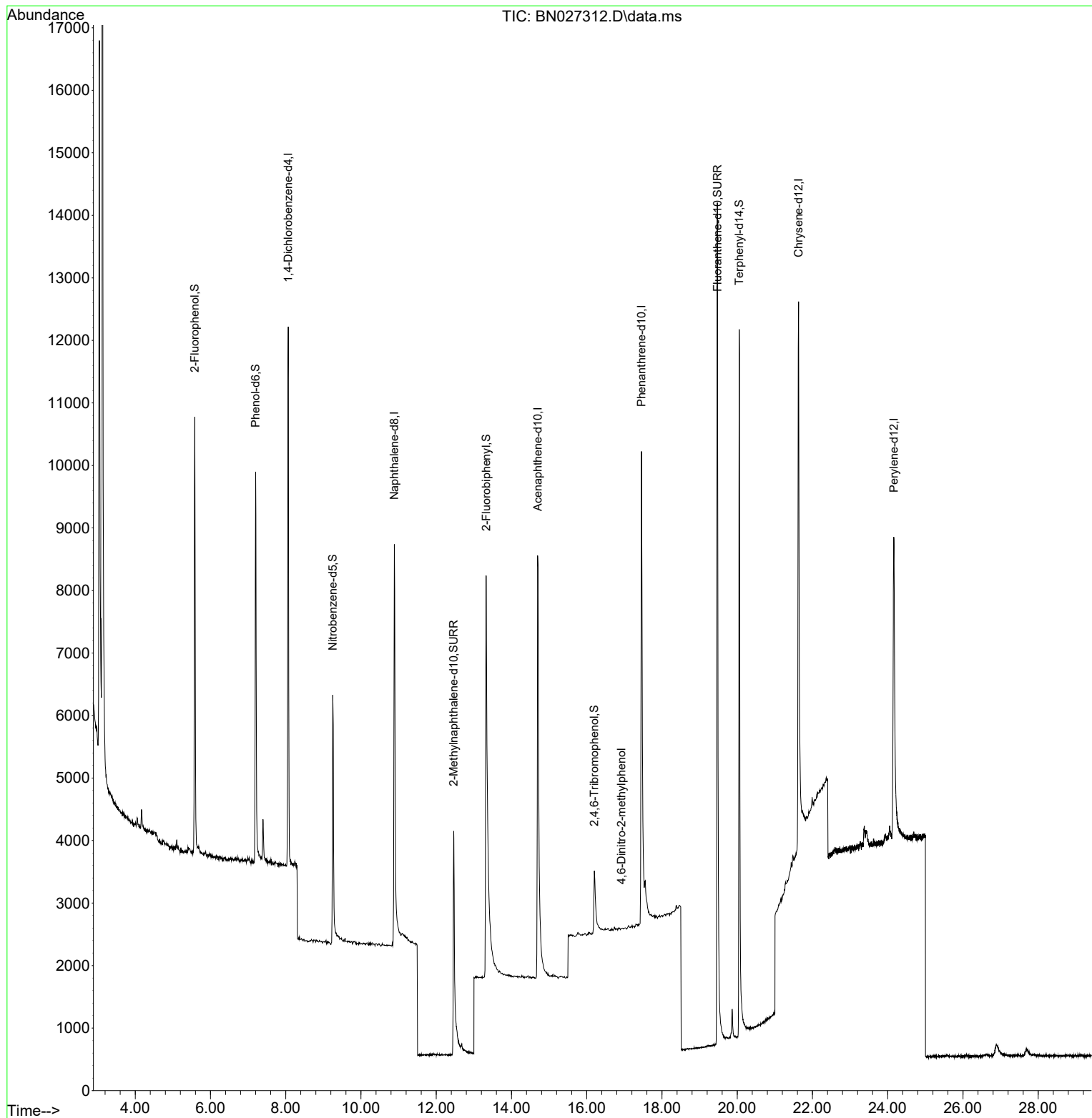
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4453	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11642	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	7136	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	16860	0.400	ng	0.01
29) Chrysene-d12	21.632	240	12539	0.400	ng	0.00
35) Perylene-d12	24.162	264	10732	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	6172	0.532	ng	0.00
5) Phenol-d6	7.199	99	6928	0.491	ng	0.00
8) Nitrobenzene-d5	9.251	82	4190	0.494	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	8244	0.482	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1019	0.386	ng	0.01
15) 2-Fluorobiphenyl	13.326	172	11185	0.412	ng	0.00
27) Fluoranthene-d10	19.472	212	21459	0.512	ng	0.00
31) Terphenyl-d14	20.053	244	14980	0.595	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.922	198	8	0.033	ng	# 22

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

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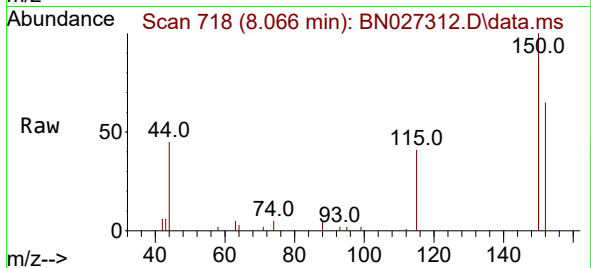
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



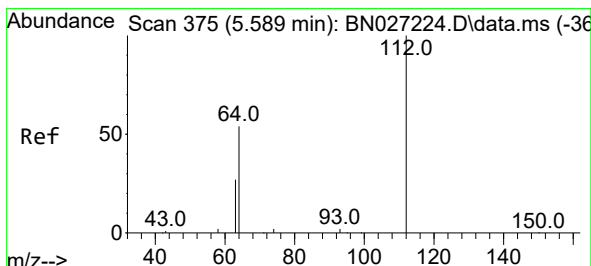
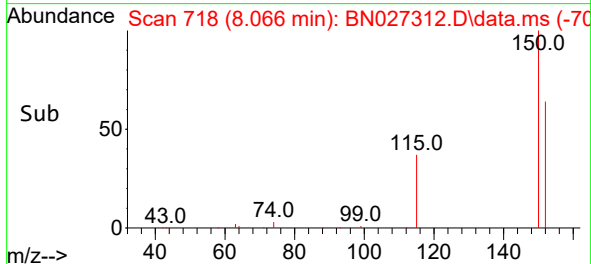
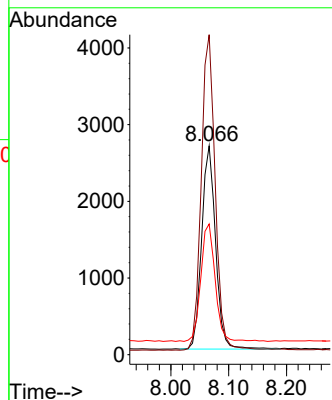


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Instrument :
BNA_N
ClientSampleId :

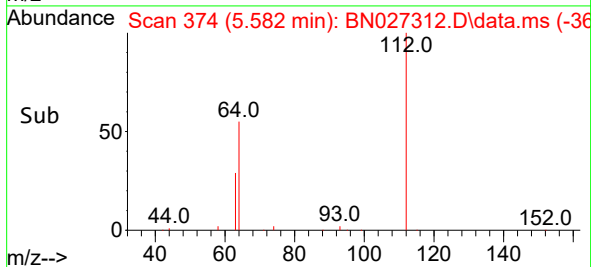
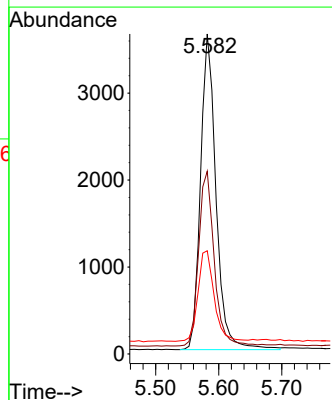
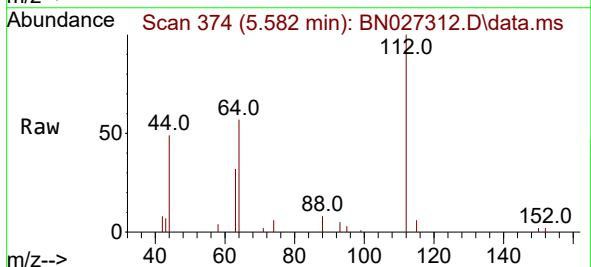


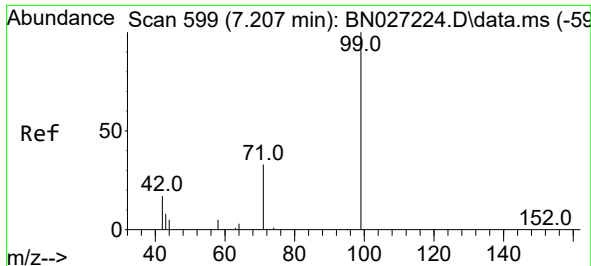
Tgt Ion:152 Resp: 4453
Ion Ratio Lower Upper
152 100
150 153.3 122.7 184.1
115 62.6 48.6 73.0



#4
2-Fluorophenol
Concen: 0.532 ng
RT: 5.582 min Scan# 374
Delta R.T. -0.007 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

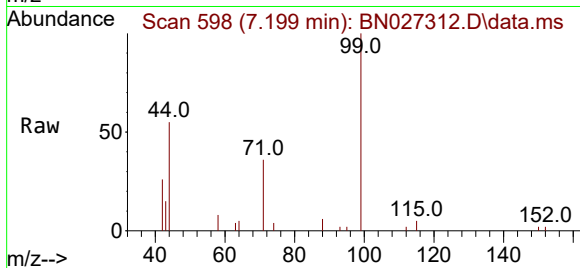
Tgt Ion:112 Resp: 6172
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 29.8 23.1 34.7



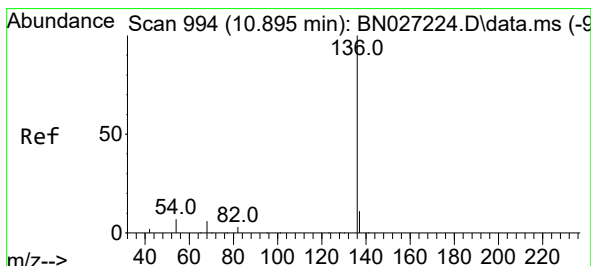
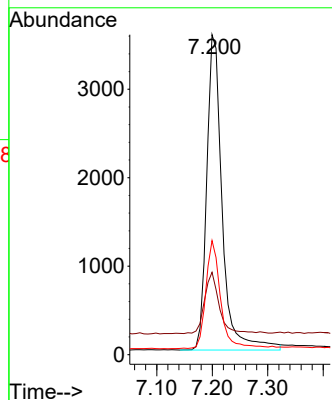
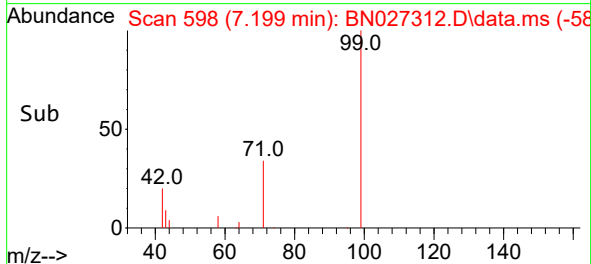


#5
Phenol-d6
Concen: 0.491 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Instrument :
BNA_N
ClientSampleId :

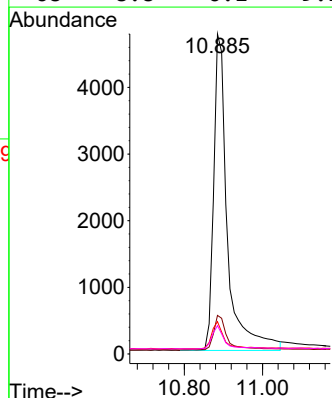
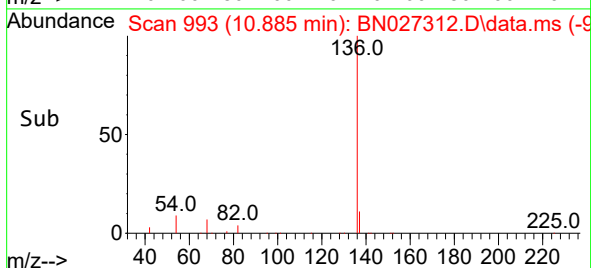
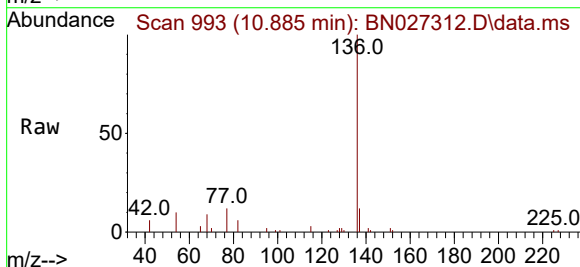


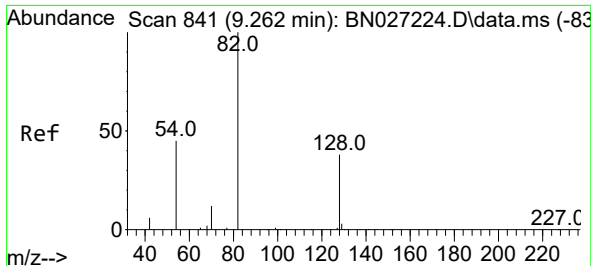
Tgt Ion: 99 Resp: 6928
Ion Ratio Lower Upper
99 100
42 18.4 14.5 21.7
71 33.0 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 993
Delta R.T. -0.011 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

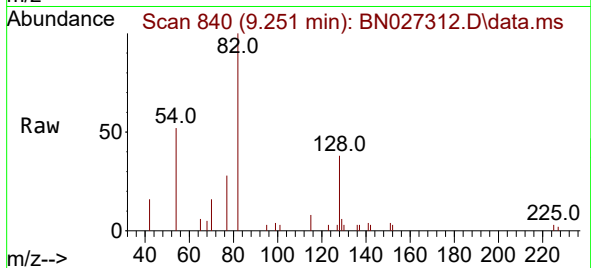
Tgt Ion: 136 Resp: 11642
Ion Ratio Lower Upper
136 100
137 12.0 9.3 13.9
54 10.1 6.7 10.1#
68 8.8 6.1 9.1



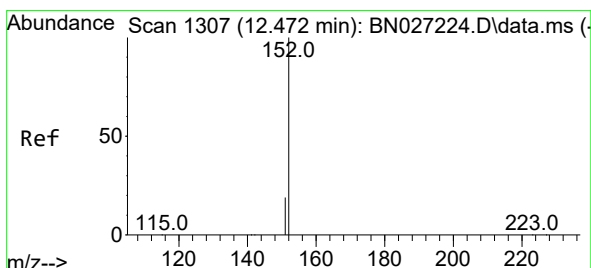
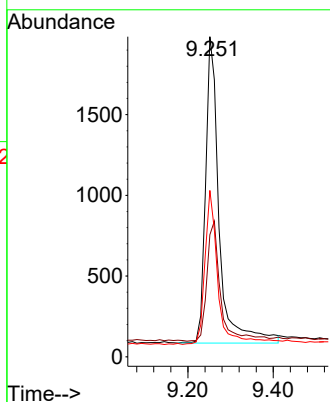
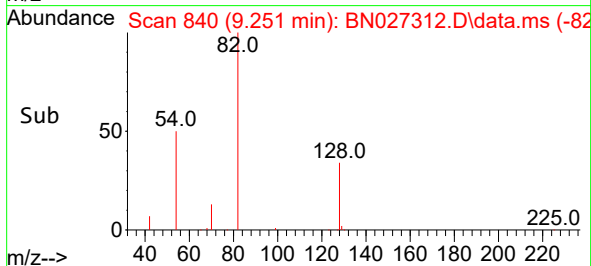


#8
Nitrobenzene-d5
Concen: 0.494 ng
RT: 9.251 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Instrument :
BNA_N
ClientSampleId :

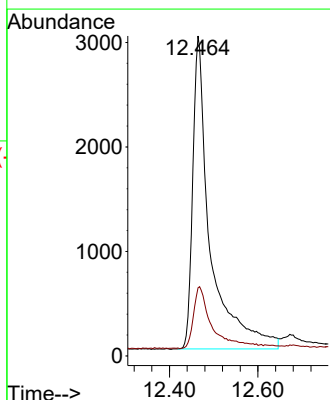
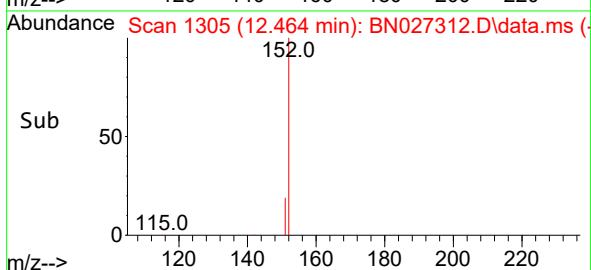
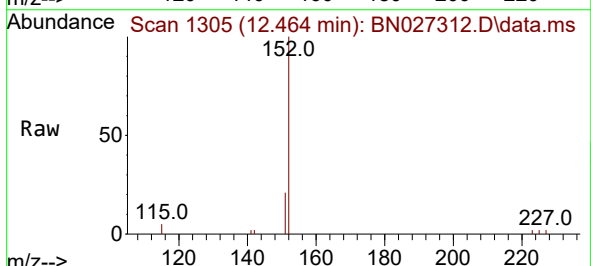


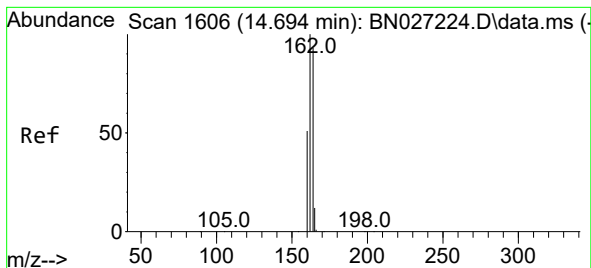
Tgt Ion: 82 Resp: 4190
Ion Ratio Lower Upper
82 100
128 38.1 33.4 50.0
54 51.9 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.482 ng
RT: 12.464 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Tgt Ion: 152 Resp: 8244
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. 0.000 min

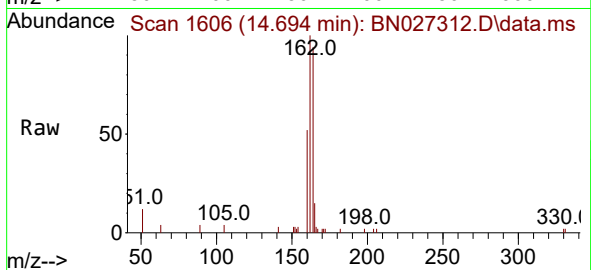
Lab File: BN027312.D

Acq: 31 Aug 2023 16:21

Instrument :

BNA_N

ClientSampleId :



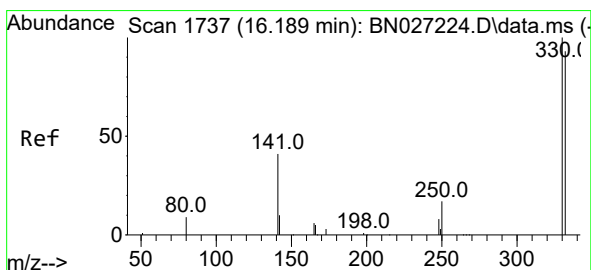
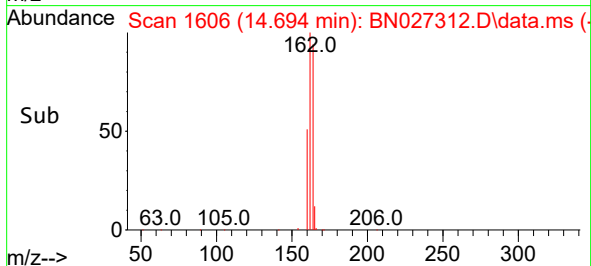
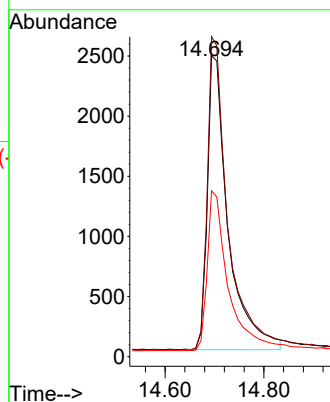
Tgt Ion:164 Resp: 7136

Ion Ratio Lower Upper

164 100

162 106.4 85.8 128.8

160 55.2 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.386 ng

RT: 16.202 min Scan# 1738

Delta R.T. 0.013 min

Lab File: BN027312.D

Acq: 31 Aug 2023 16:21

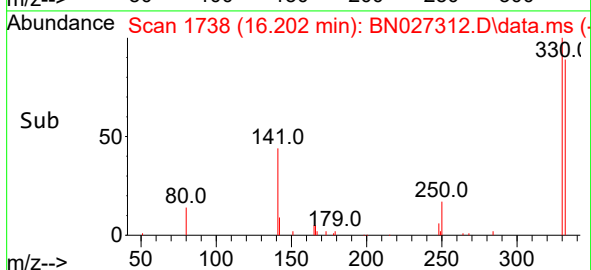
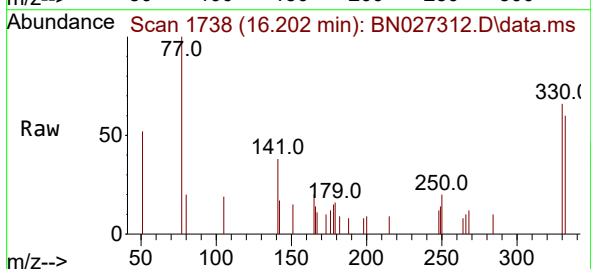
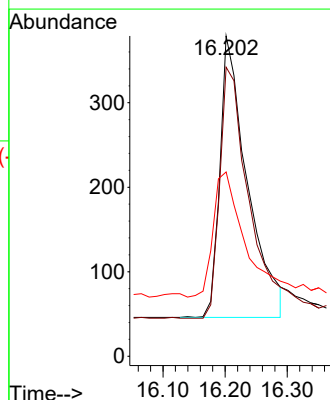
Tgt Ion:330 Resp: 1019

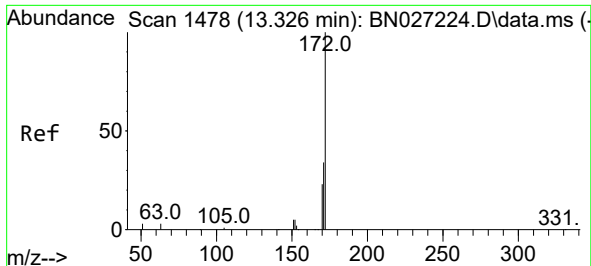
Ion Ratio Lower Upper

330 100

332 93.8 75.2 112.8

141 50.5 36.2 54.4

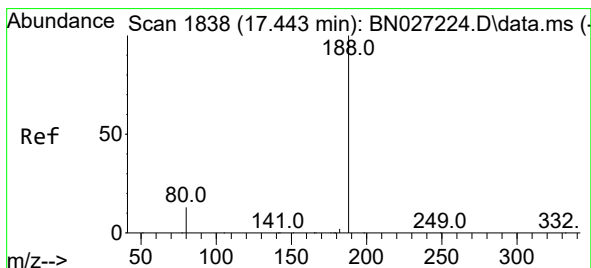
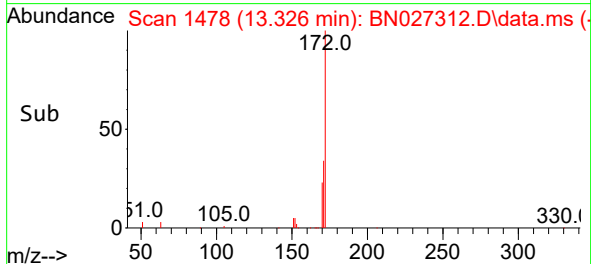
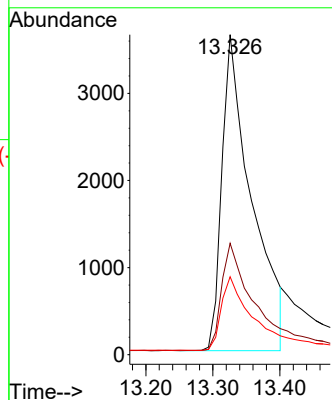
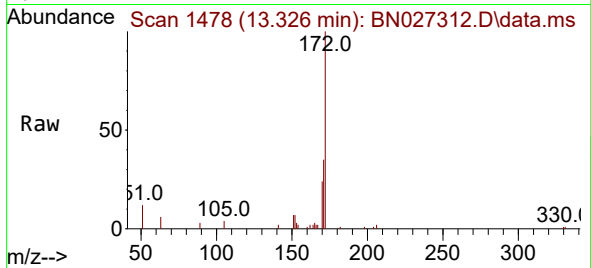




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

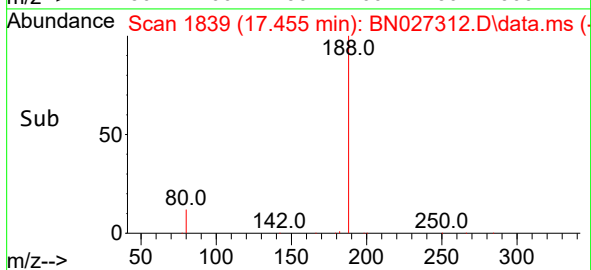
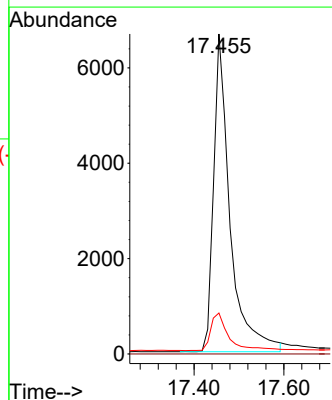
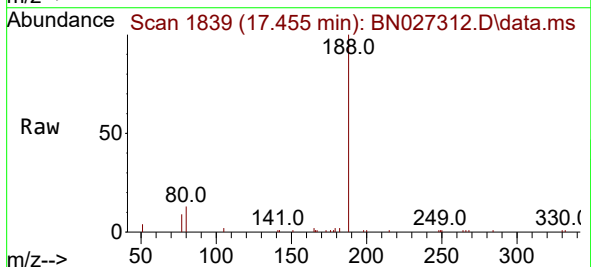
Instrument :
BNA_N
ClientSampleId :

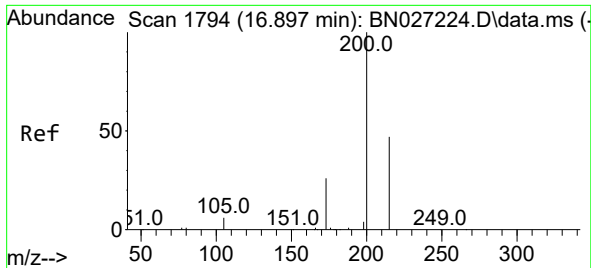
Tgt Ion:172 Resp: 11185
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 24.4 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.013 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Tgt Ion:188 Resp: 16860
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 11.0 16.6

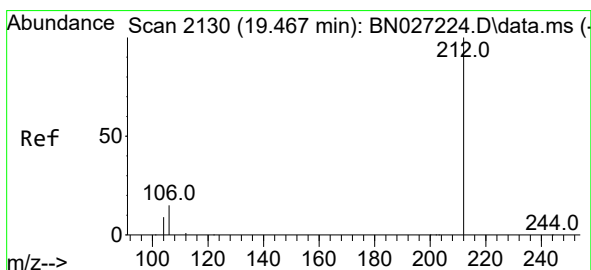
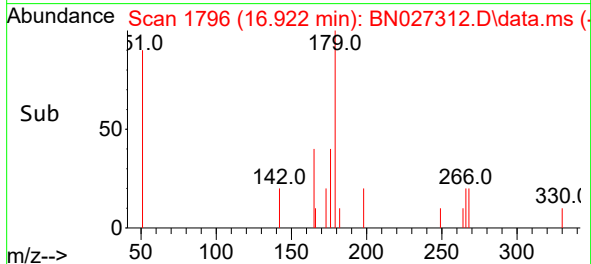
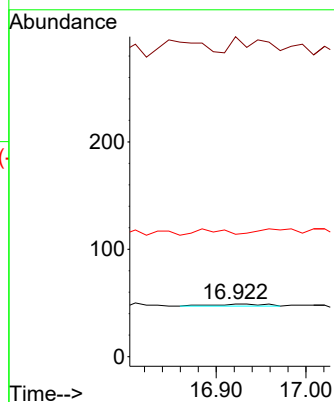
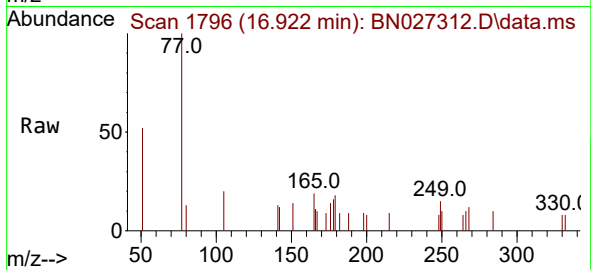




#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 16.922 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

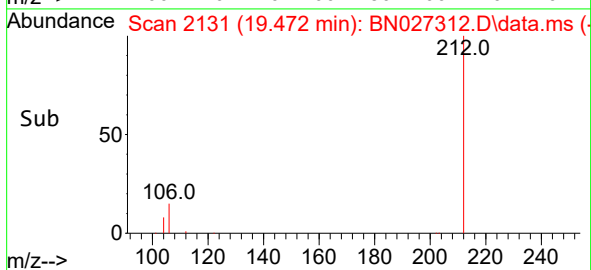
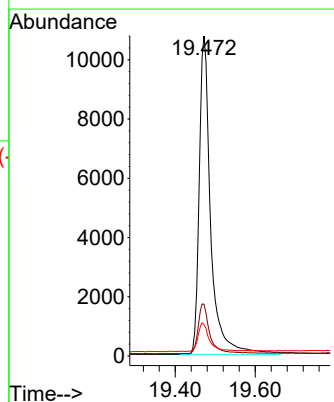
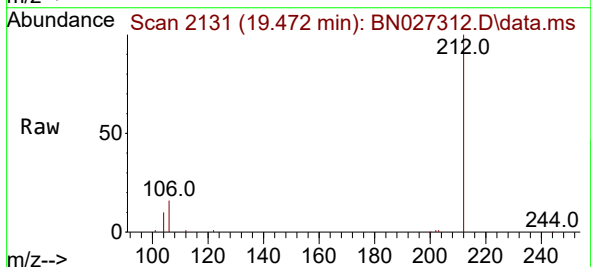
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BNA_N
ClientSampleId :

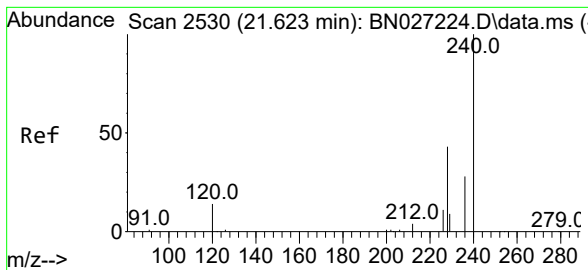
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 608.2 282.2 423.2#
105 232.7 168.7 253.1



#27
Fluoranthene-d10
Concen: 0.512 ng
RT: 19.472 min Scan# 2131
Delta R.T. 0.005 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Tgt Ion:212 Resp: 21459
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 8.8 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027312.D

Acq: 31 Aug 2023 16:21

Instrument :

BNA_N

ClientSampleId :

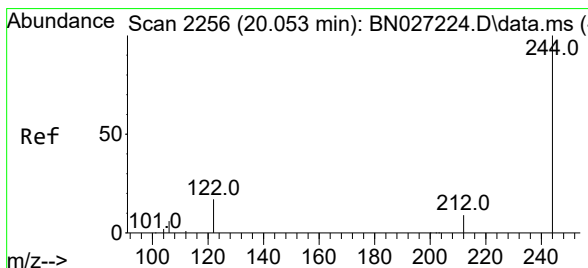
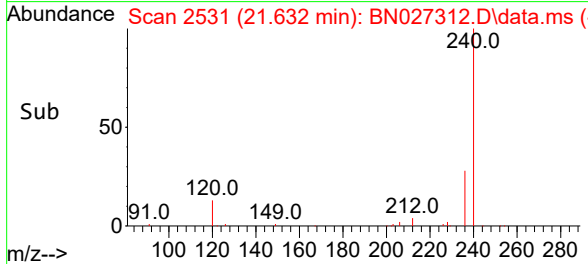
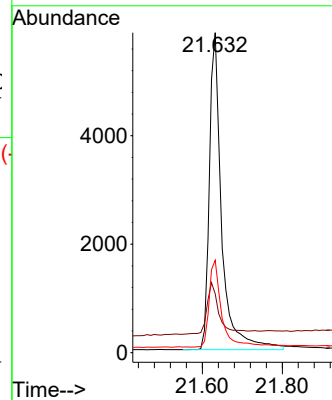
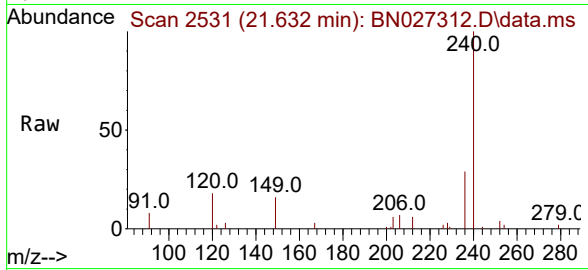
Tgt Ion:240 Resp: 12539

Ion Ratio Lower Upper

240 100

120 18.4 14.2 21.4

236 28.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.595 ng

RT: 20.053 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BN027312.D

Acq: 31 Aug 2023 16:21

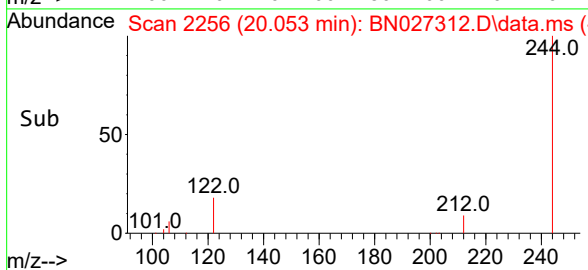
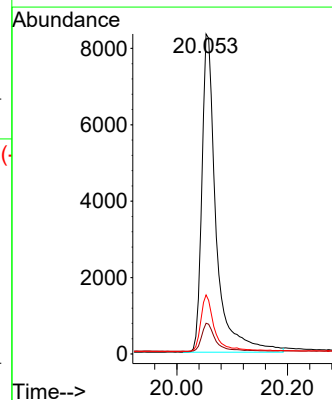
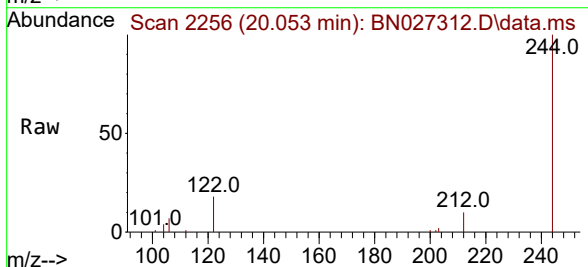
Tgt Ion:244 Resp: 14980

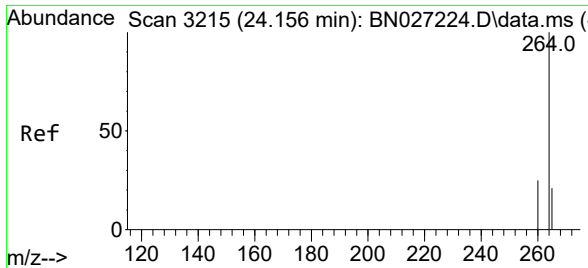
Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

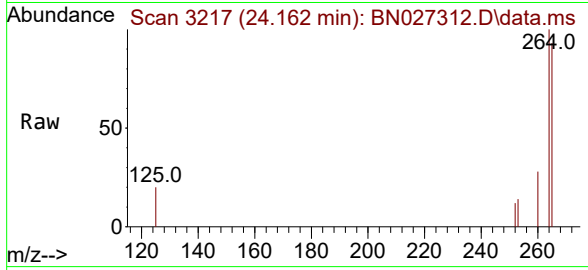
122 18.5 14.0 21.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN027312.D
Acq: 31 Aug 2023 16:21

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 10732

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.7	31.1
265	92.8	53.3	79.9

