

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027322.D
 Acq On : 31 Aug 2023 23:08
 Operator : MA/JU
 Sample : 04128-01
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20230821

Quant Time: Sep 01 04:04:19 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

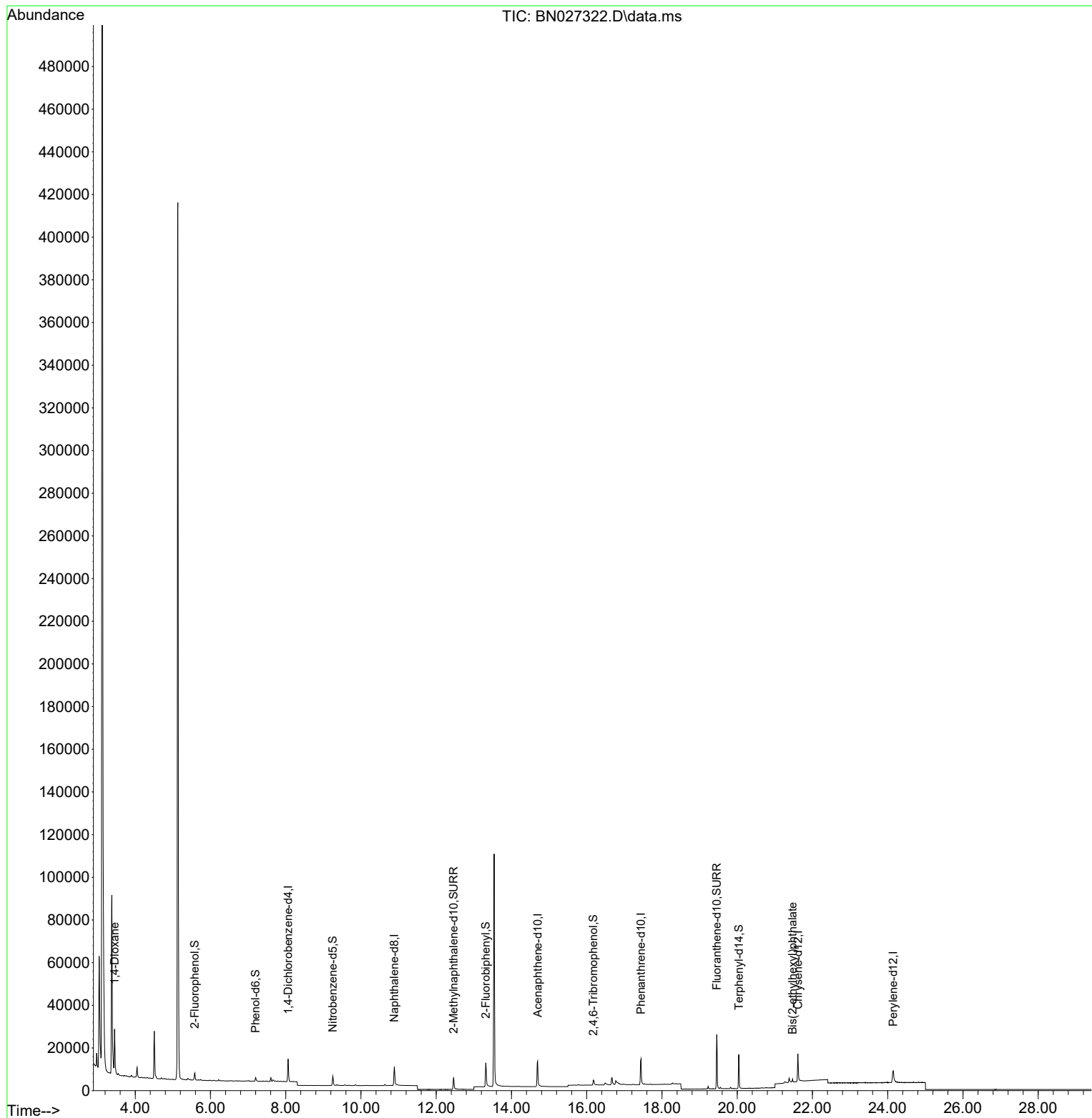
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5258	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	13671	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	8414	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20247	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	14664	0.400	ng	0.00
35) Perylene-d12	24.145	264	11419	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2799	0.204	ng	0.00
5) Phenol-d6	7.199	99	1866	0.112	ng	0.00
8) Nitrobenzene-d5	9.251	82	3736	0.375	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8924	0.444	ng	-0.01
14) 2,4,6-Tribromophenol	16.177	330	1627	0.522	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	11895	0.372	ng	-0.01
27) Fluoranthene-d10	19.458	212	27958	0.556	ng	0.00
31) Terphenyl-d14	20.043	244	16194	0.550	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	14236	2.218	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.471	149	1263	0.052	ng	96

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

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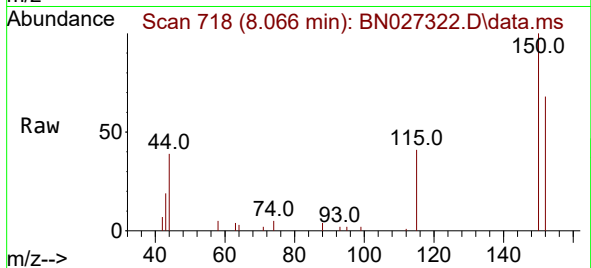
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



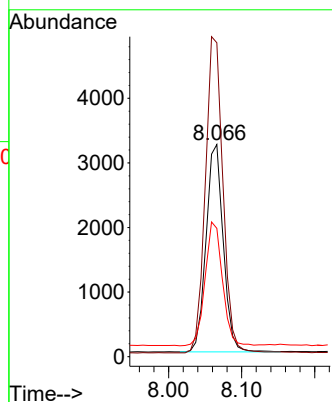
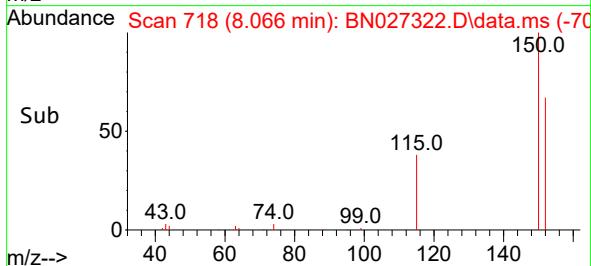


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027322.D
 Acq: 31 Aug 2023 23:08

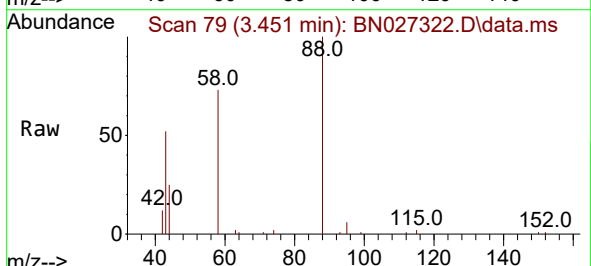
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 RE132D1-20230821



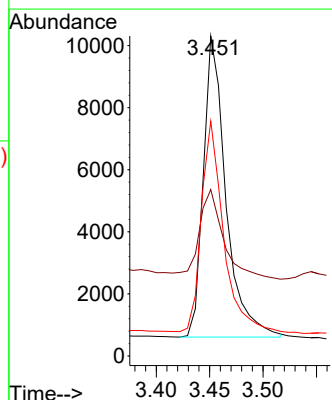
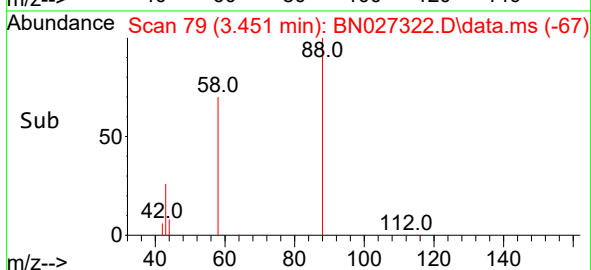
Tgt Ion:152 Resp: 5258
 Ion Ratio Lower Upper
 152 100
 150 147.9 122.7 184.1
 115 60.5 48.6 73.0



#2
 1,4-Dioxane
 Concen: 2.218 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.014 min
 Lab File: BN027322.D
 Acq: 31 Aug 2023 23:08



Tgt Ion: 88 Resp: 14236
 Ion Ratio Lower Upper
 88 100
 43 32.8 19.1 28.7#
 58 67.7 52.2 78.2

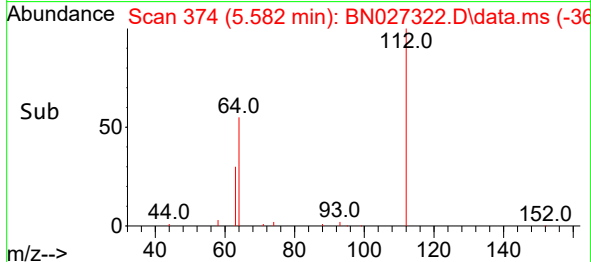
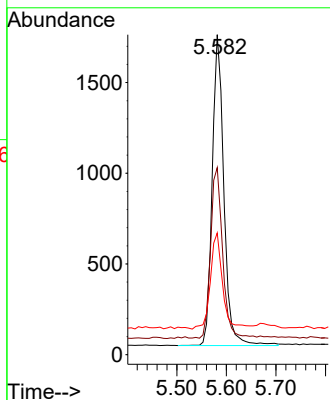
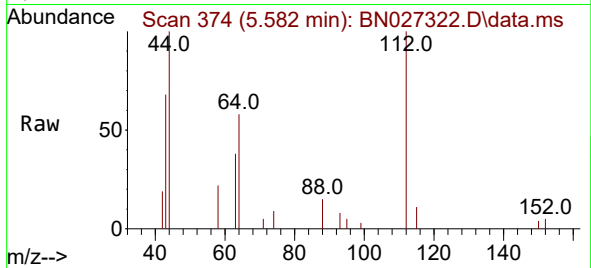




#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

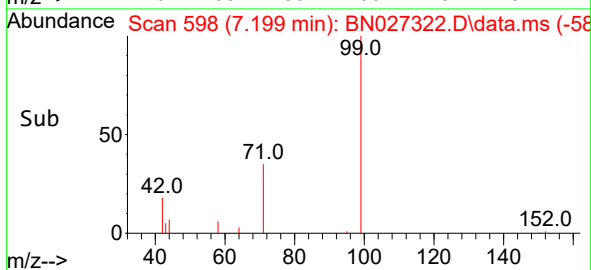
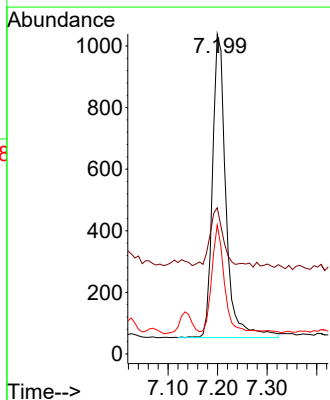
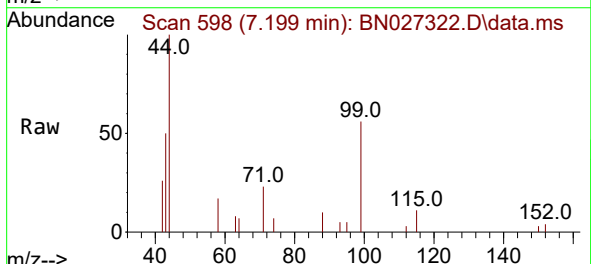
Instrument :
BNA_N
ClientSampleId :
RE132D1-20230821

Tgt Ion:112 Resp: 2799
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 32.3 23.1 34.7



#5
Phenol-d6
Concen: 0.112 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

Tgt Ion: 99 Resp: 1866
Ion Ratio Lower Upper
99 100
42 16.5 14.5 21.7
71 31.4 25.8 38.6

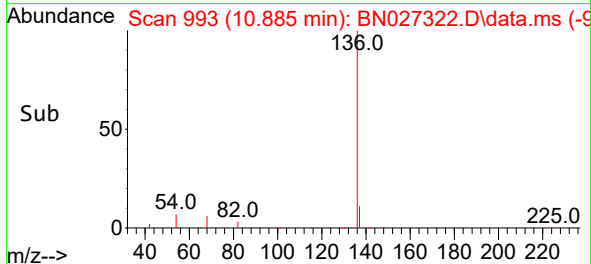
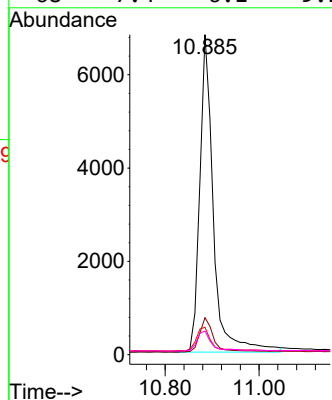
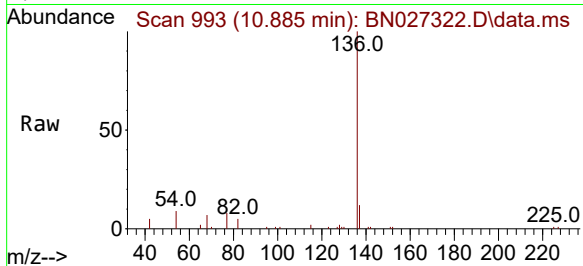




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

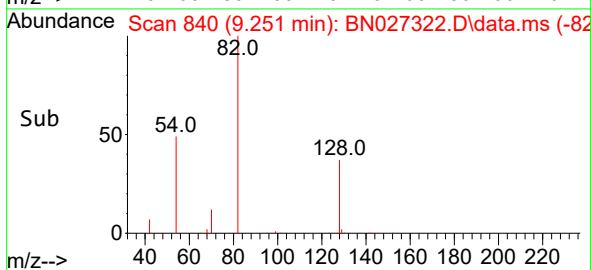
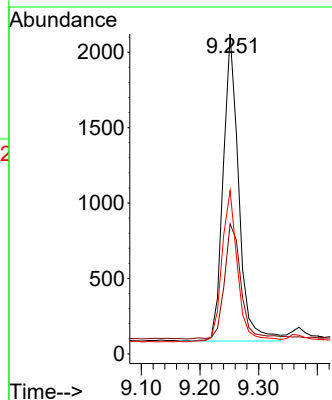
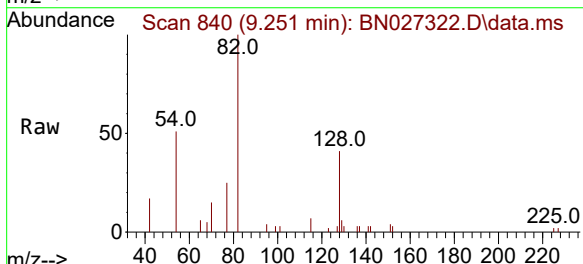
Instrument :
BNA_N
ClientSampleId :
RE132D1-20230821

Tgt Ion:	136	Resp:	13671
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.5	6.7	10.1
68	7.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

Tgt Ion:	82	Resp:	3736
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.4	50.0
54	51.1	37.7	56.5

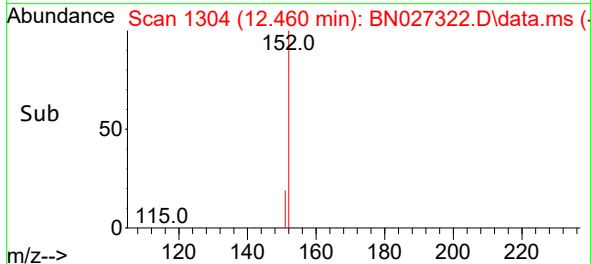
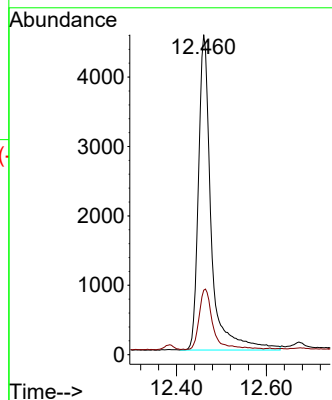
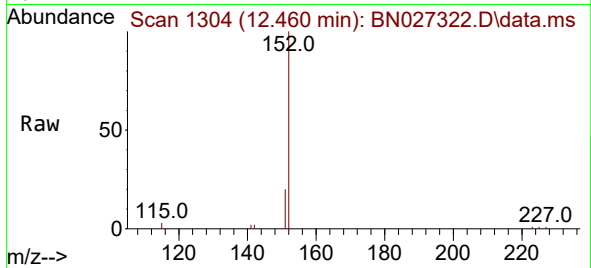




#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 12.460 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

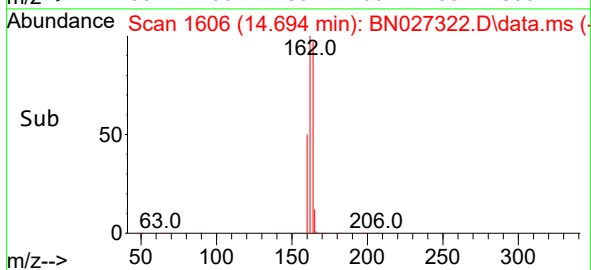
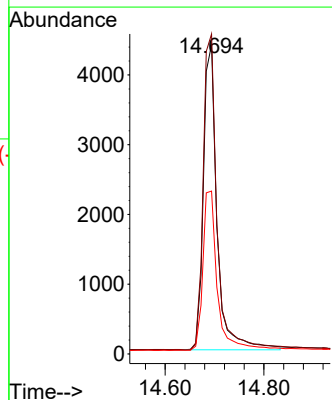
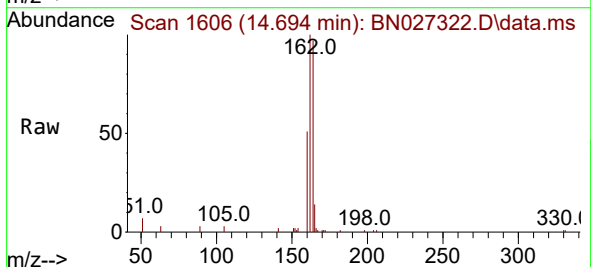
Instrument :
BNA_N
ClientSampleId :
RE132D1-20230821

Tgt Ion:152 Resp: 8924
Ion Ratio Lower Upper
152 100
151 20.4 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: BN027322.D
Acq: 31 Aug 2023 23:08

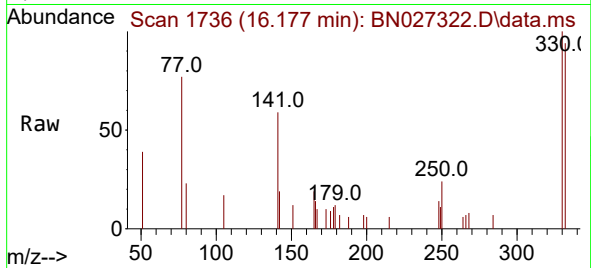
Tgt Ion:164 Resp: 8414
Ion Ratio Lower Upper
164 100
162 103.4 85.8 128.8
160 52.6 44.2 66.2



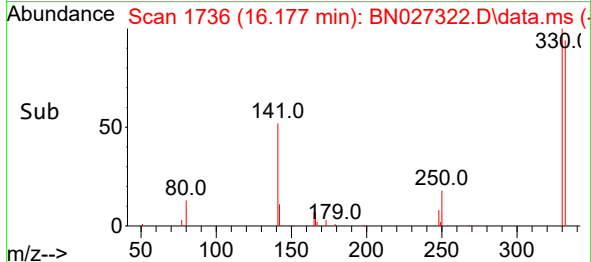
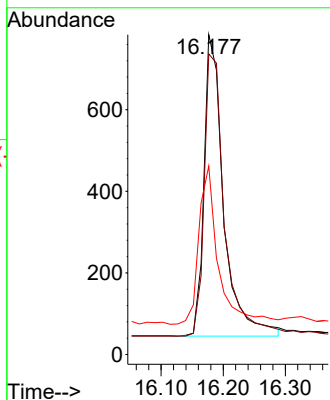


#14
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 16.177 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

Instrument :
BNA_N
ClientSampleId :
RE132D1-20230821

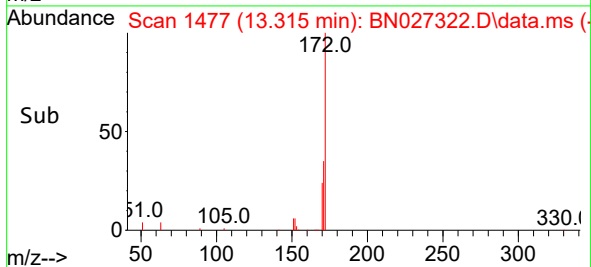
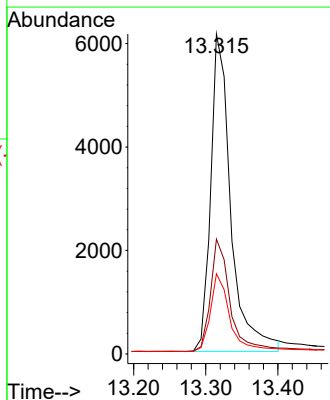
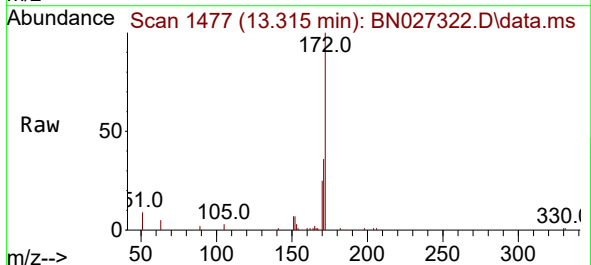


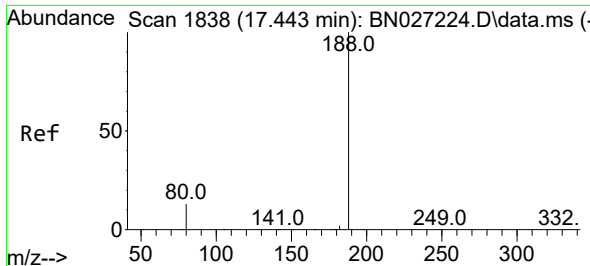
Tgt Ion:330 Resp: 1627
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 52.2 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.315 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

Tgt Ion:172 Resp: 11895
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 25.1 19.3 28.9

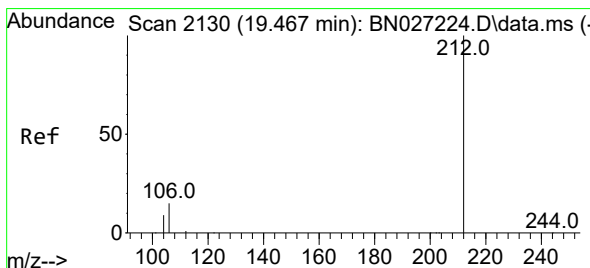
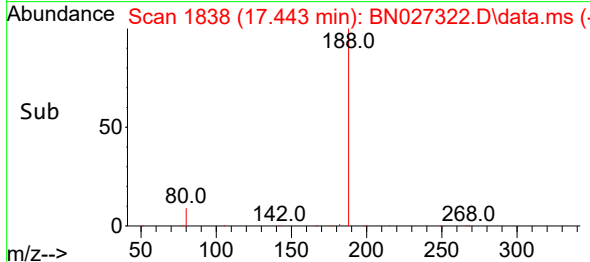
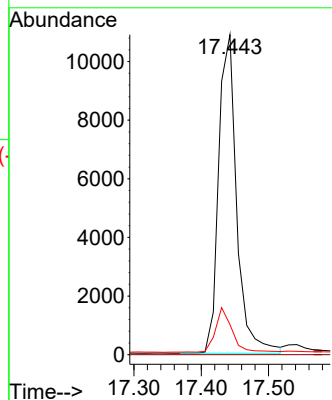
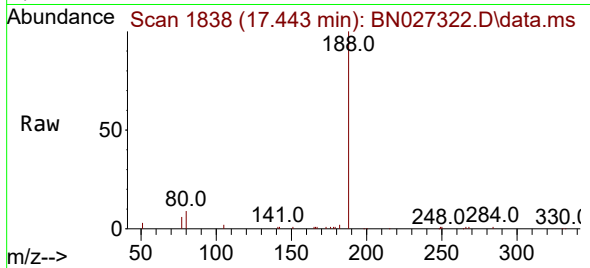




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

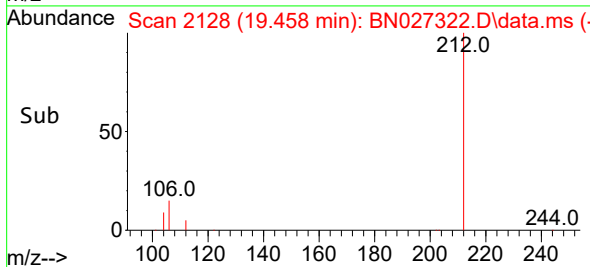
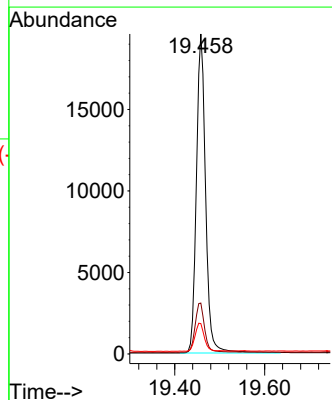
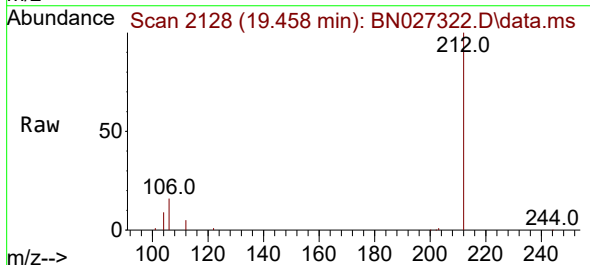
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ClientSampleId :
RE132D1-20230821

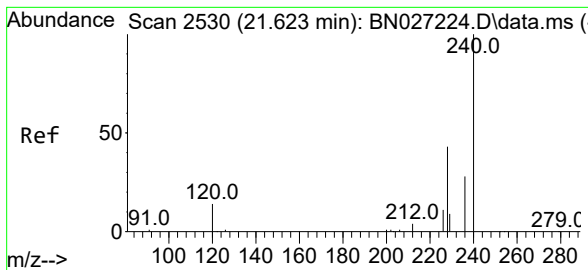
Tgt Ion:188 Resp: 20247
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 11.0 16.6#



#27
Fluoranthene-d10
Concen: 0.556 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027322.D
Acq: 31 Aug 2023 23:08

Tgt Ion:212 Resp: 27958
Ion Ratio Lower Upper
212 100
106 16.0 12.1 18.1
104 8.9 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027322.D

Acq: 31 Aug 2023 23:08

Instrument :

BNA_N

ClientSampleId :

RE132D1-20230821

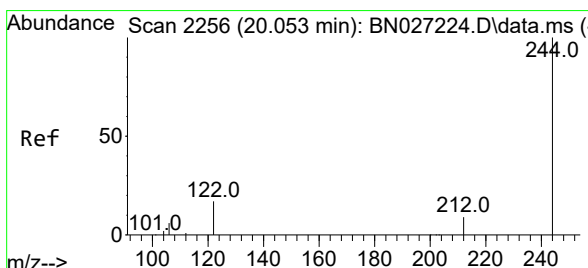
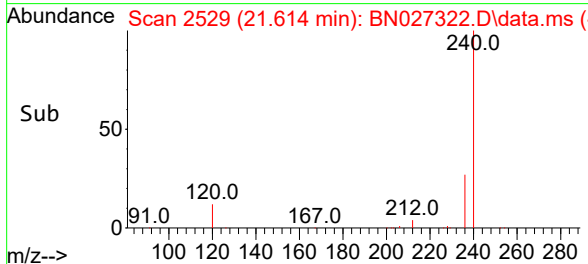
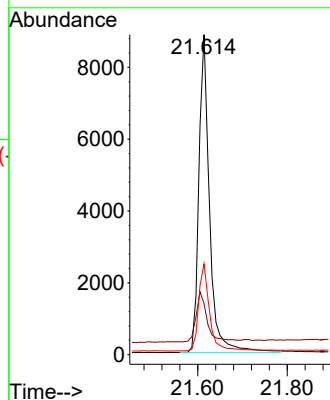
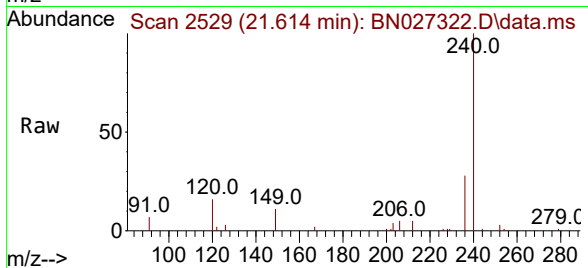
Tgt Ion:240 Resp: 14664

Ion Ratio Lower Upper

240 100

120 16.0 14.2 21.4

236 28.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.550 ng

RT: 20.043 min Scan# 2254

Delta R.T. -0.009 min

Lab File: BN027322.D

Acq: 31 Aug 2023 23:08

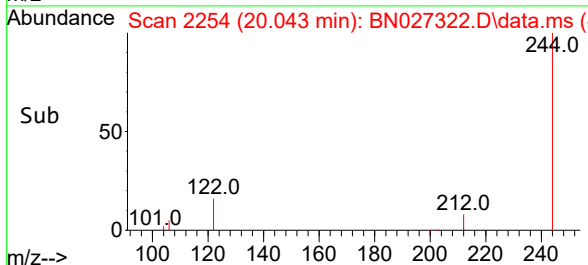
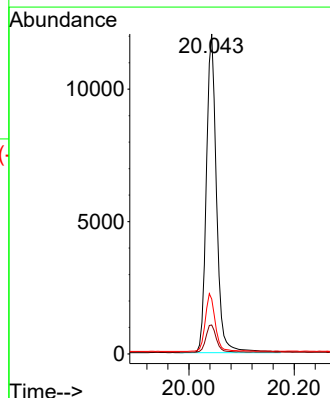
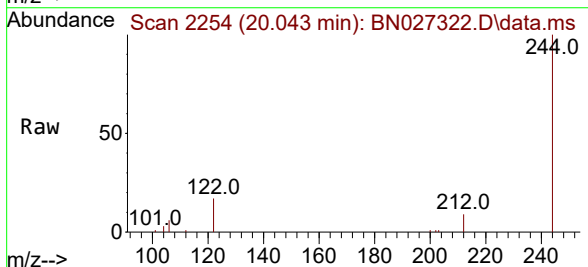
Tgt Ion:244 Resp: 16194

Ion Ratio Lower Upper

244 100

212 9.1 7.5 11.3

122 17.1 14.0 21.0

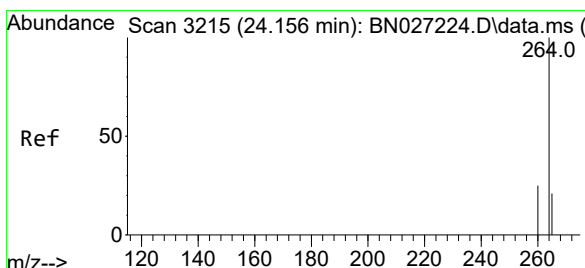
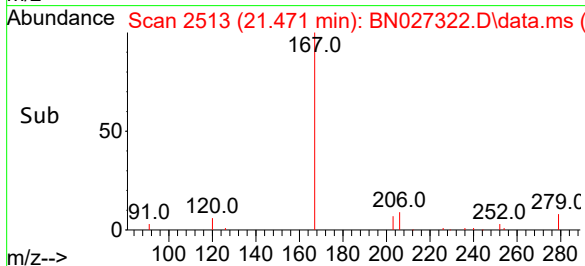
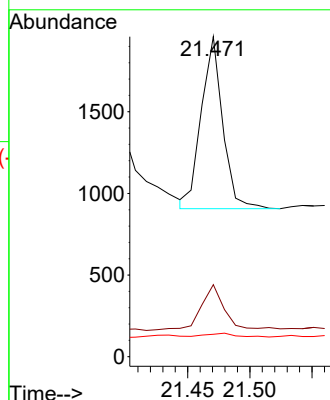
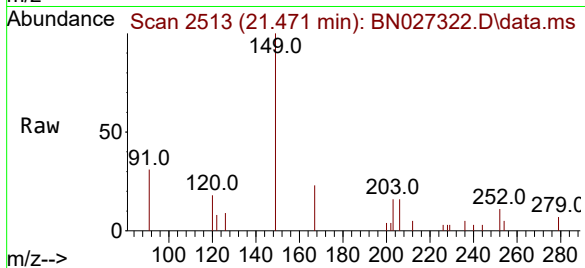




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.471 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027322.D
 Acq: 31 Aug 2023 23:08

Instrument :
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 RE132D1-20230821

Tgt Ion:149 Resp: 1263
 Ion Ratio Lower Upper
 149 100
 167 29.9 22.1 33.1
 279 3.3 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 3211
 Delta R.T. -0.012 min
 Lab File: BN027322.D
 Acq: 31 Aug 2023 23:08

Tgt Ion:264 Resp: 11419
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.7 31.1
 265 79.8 53.3 79.9

