

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026940.D
 Acq On : 17 Aug 2023 13:45
 Operator : MA/JU
 Sample : 04024-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20230815

Quant Time: Aug 18 03:11:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

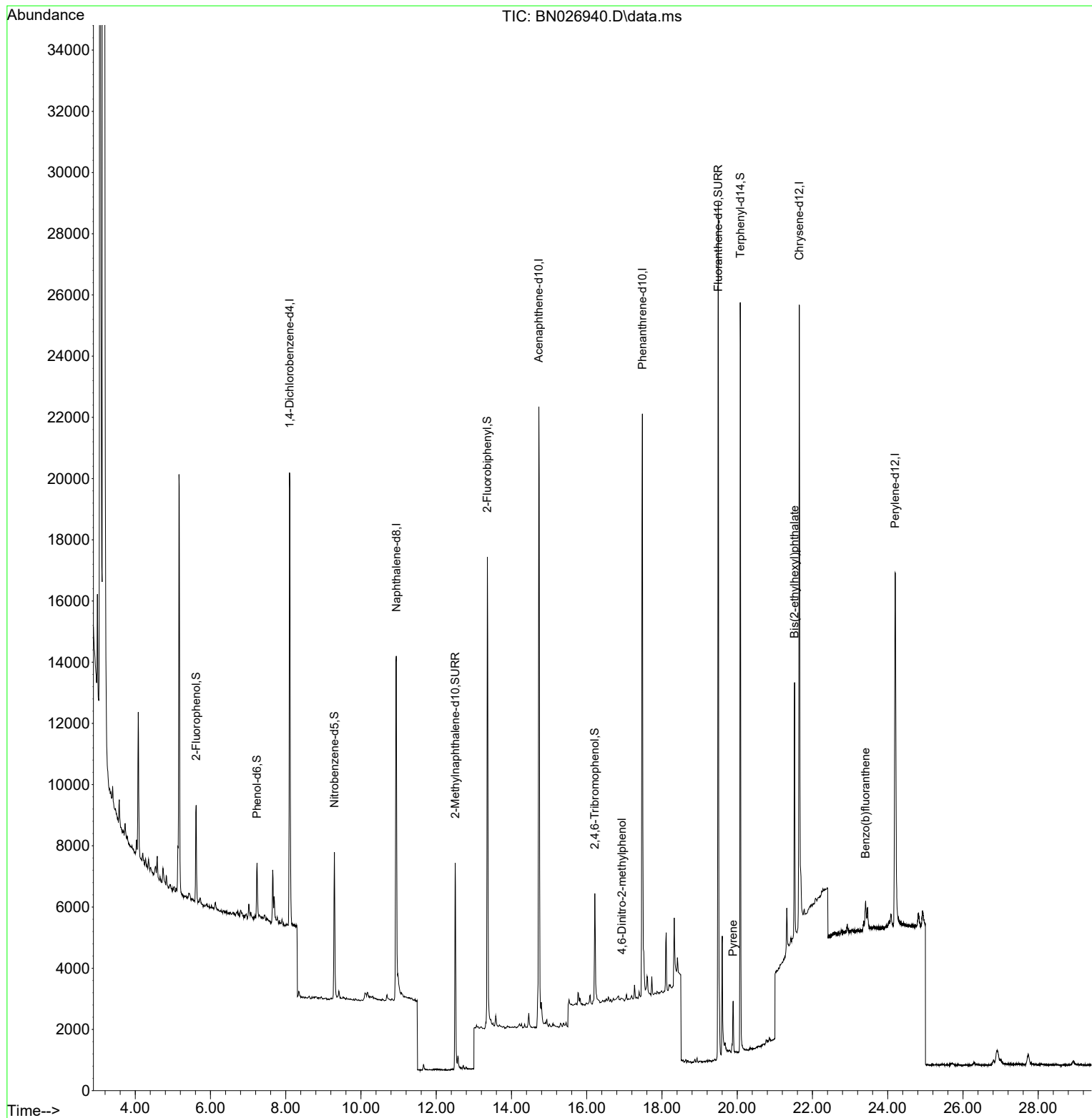
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	7437	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	18921	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	13295	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	29661	0.400	ng	0.00
29) Chrysene-d12	21.650	240	20054	0.400	ng	0.00
35) Perylene-d12	24.197	264	19108	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	2788	0.133	ng	0.00
5) Phenol-d6	7.235	99	1974	0.076	ng	0.00
8) Nitrobenzene-d5	9.294	82	4155	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	9825	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	2222	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	14915	0.302	ng	0.00
27) Fluoranthene-d10	19.495	212	30405	0.400	ng	0.00
31) Terphenyl-d14	20.080	244	24366	0.581	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.934	198	10	0.021	ng	# 10
30) Pyrene	19.890	202	1604	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	21.524	149	8369	0.161	ng	99
37) Benzo(b)fluoranthene	23.408	252	1292	0.020	ng	# 1

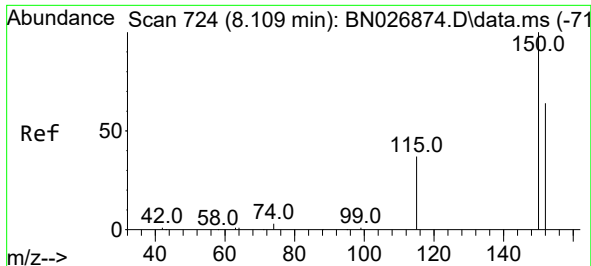
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
Data File : BN026940.D
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Instrument :
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RE104D3-20230815

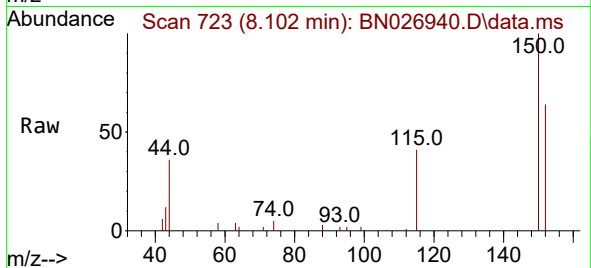
Quant Time: Aug 18 03:11:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration



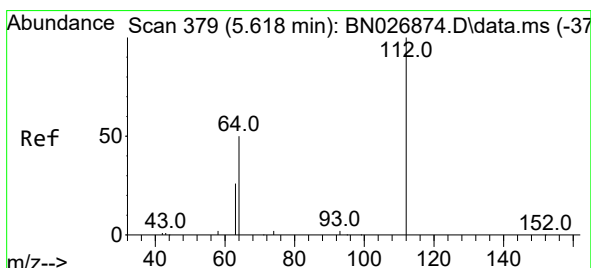
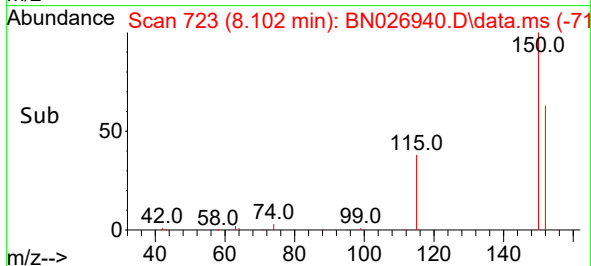
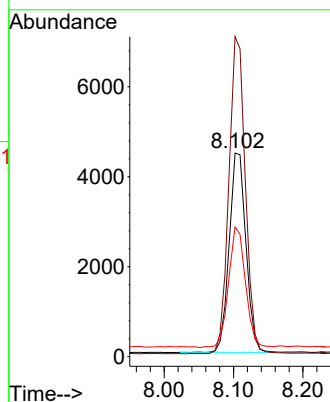


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.102 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

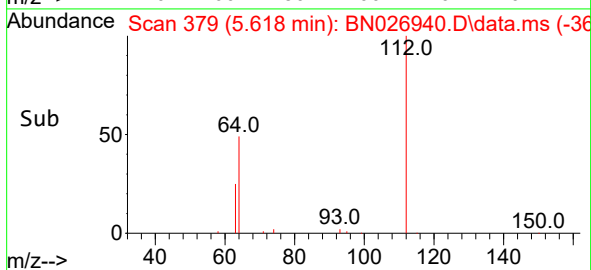
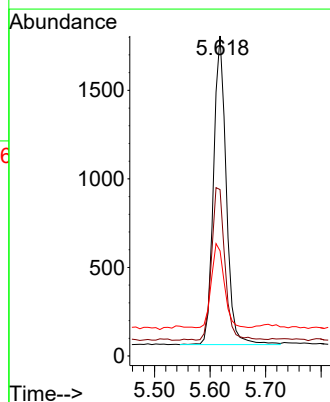
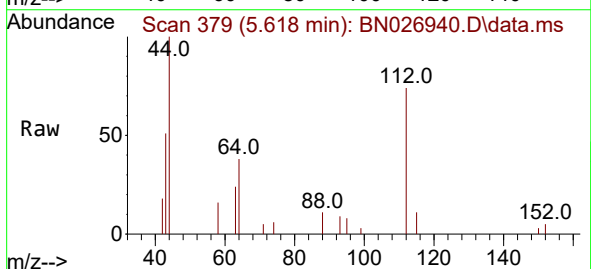


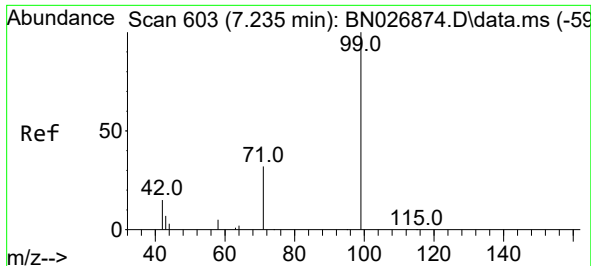
Tgt Ion:152 Resp: 7437
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 63.7 49.7 74.5



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:112 Resp: 2788
Ion Ratio Lower Upper
112 100
64 51.8 41.5 62.3
63 27.5 21.7 32.5

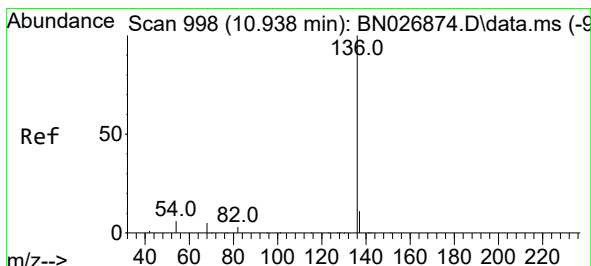
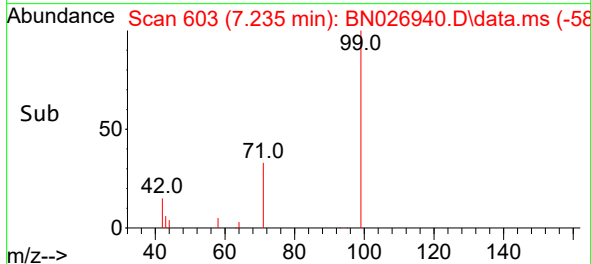
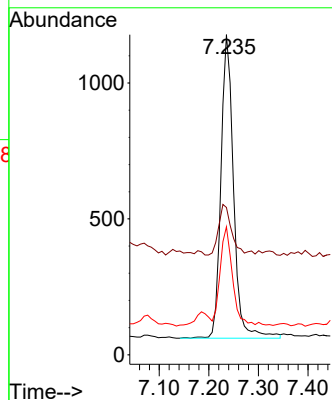
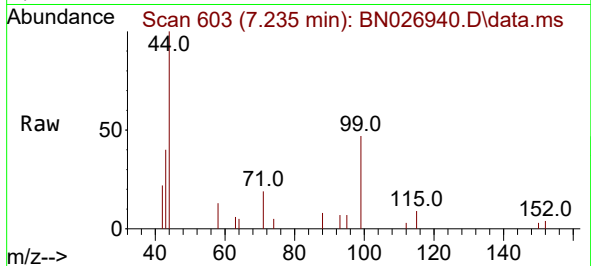




#5
Phenol-d6
Concen: 0.076 ng
RT: 7.235 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

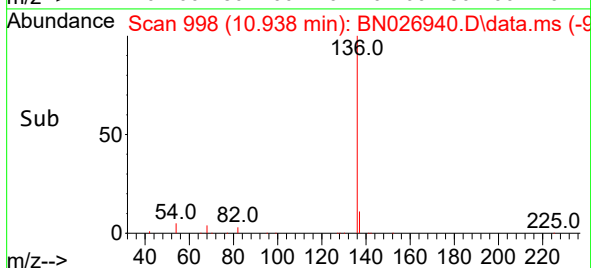
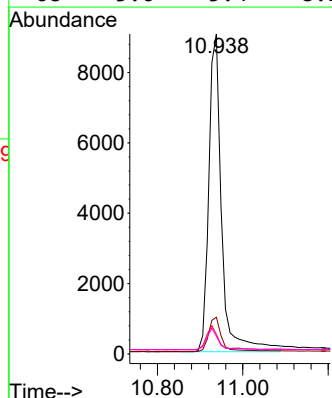
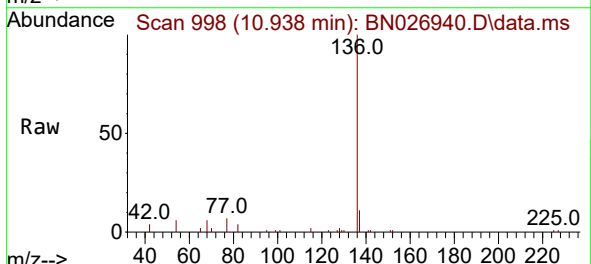
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

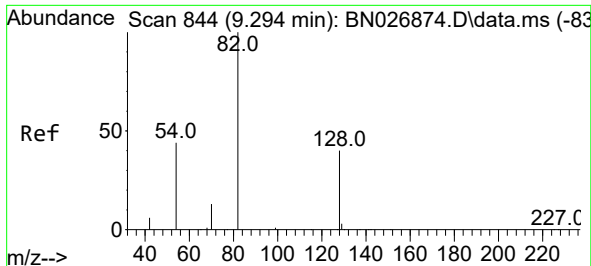
Tgt Ion: 99 Resp: 1974
Ion Ratio Lower Upper
99 100
42 17.1 13.6 20.4
71 31.7 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion: 136 Resp: 18921
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 6.1 5.5 8.3
68 5.6 5.4 8.2

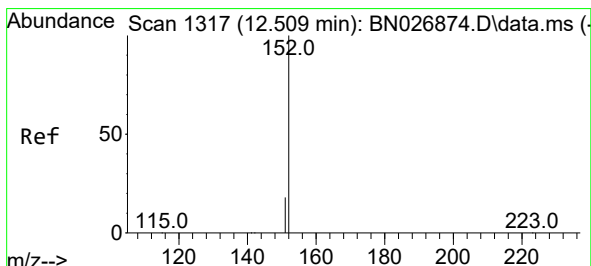
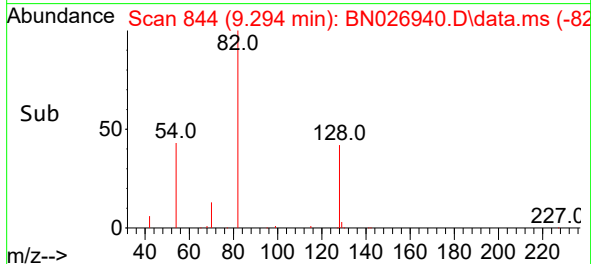
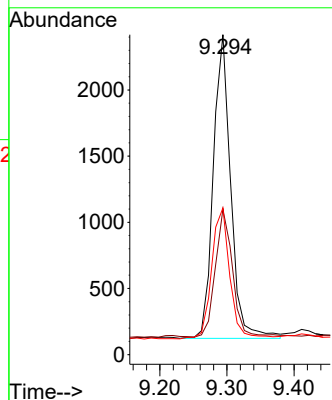
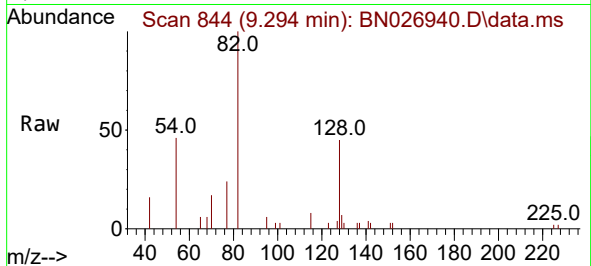




#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

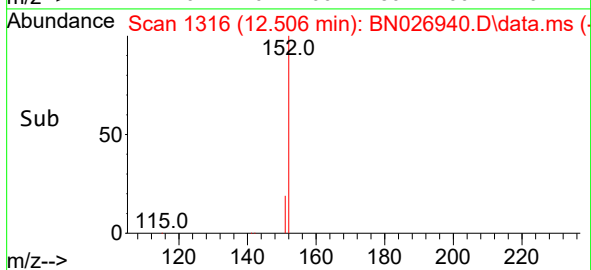
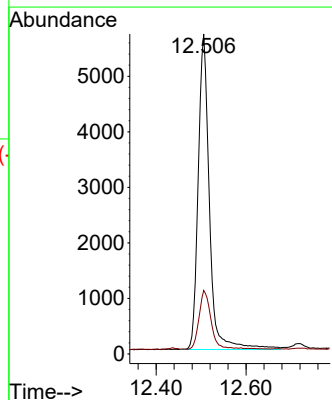
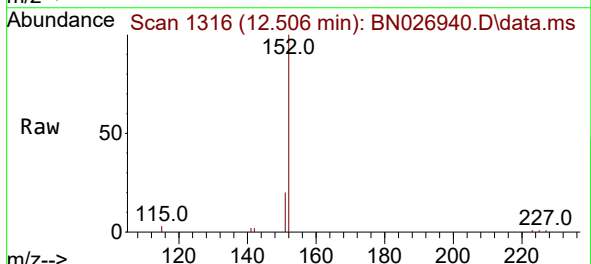
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

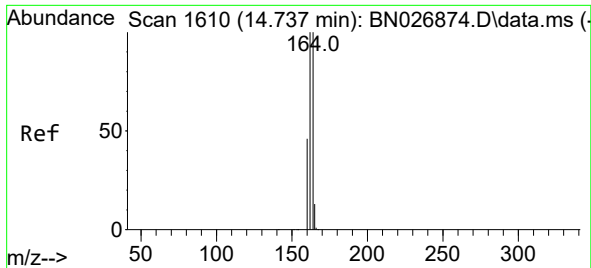
Tgt Ion:	82	Resp:	4155
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.1	51.1
54	45.8	37.0	55.4



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.506 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:	152	Resp:	9825
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5

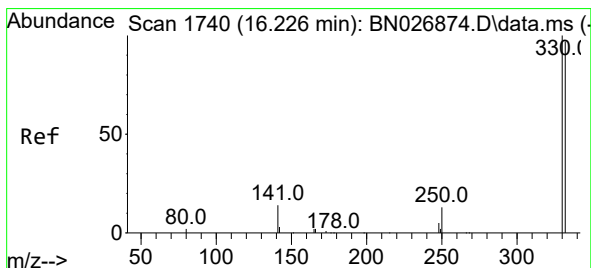
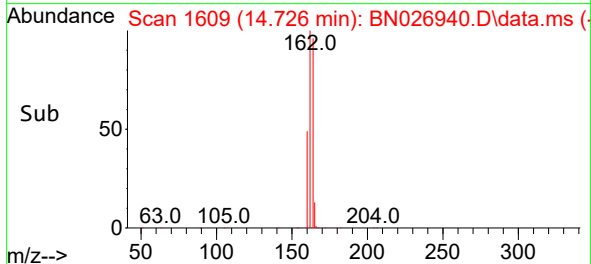
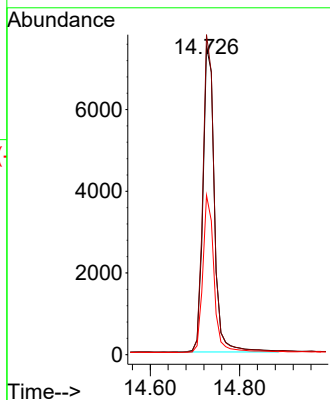
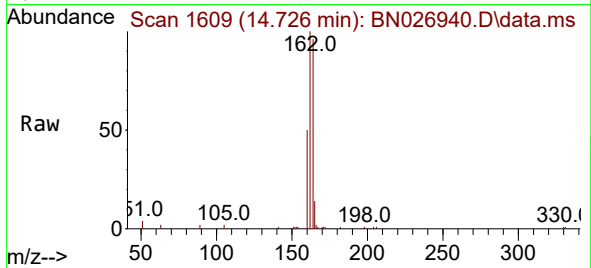




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

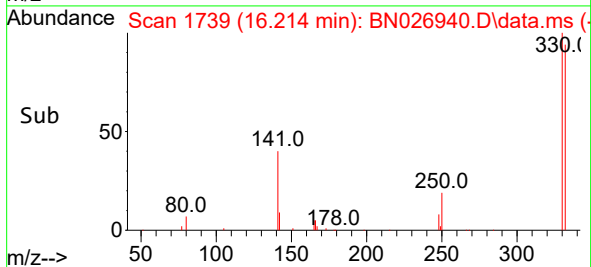
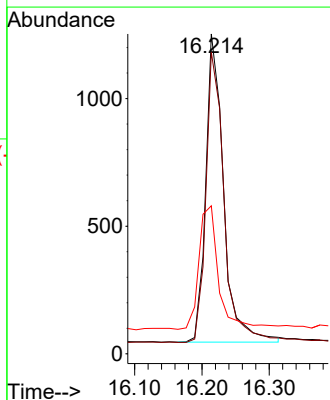
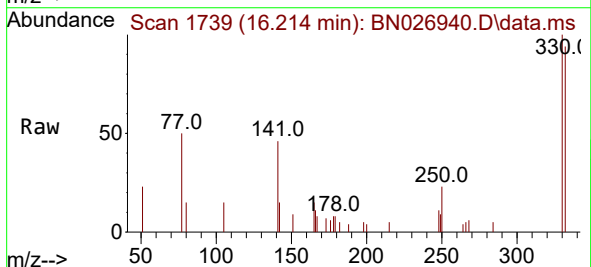
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

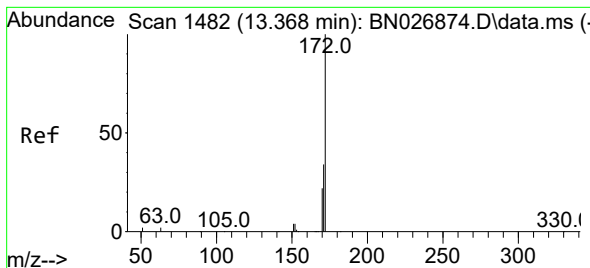
Tgt Ion:164 Resp: 13295
Ion Ratio Lower Upper
164 100
162 103.9 79.7 119.5
160 51.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:330 Resp: 2222
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 44.9 32.3 48.5

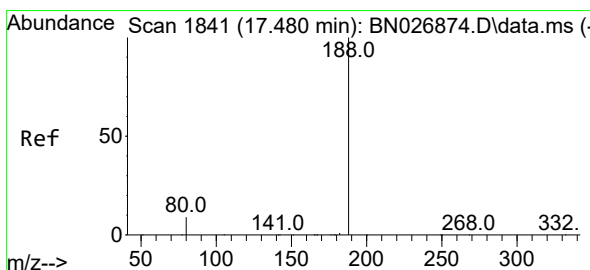
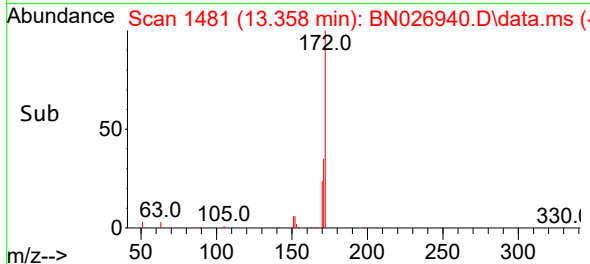
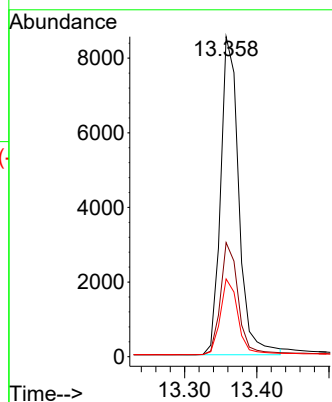
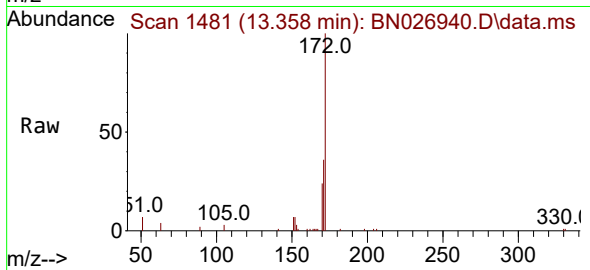




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.358 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

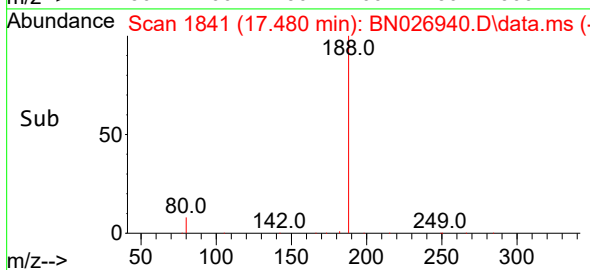
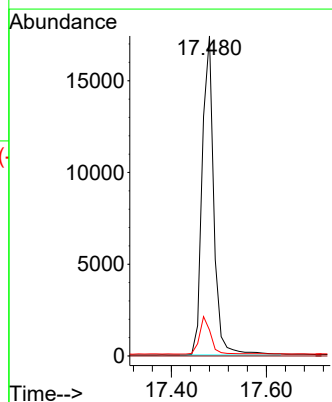
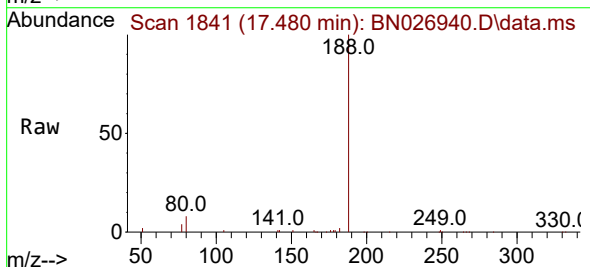
Instrument :
BNA_N
ClientSampleId :
RE104D3-20230815

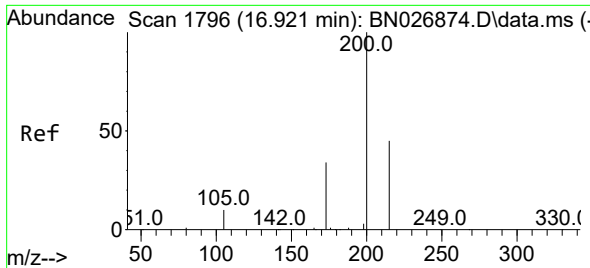
Tgt Ion:	172	Resp:	14915
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.4	41.0
170	24.3	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:	188	Resp:	29661
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.1	7.4	11.2

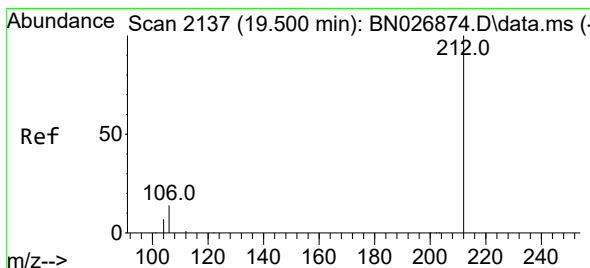
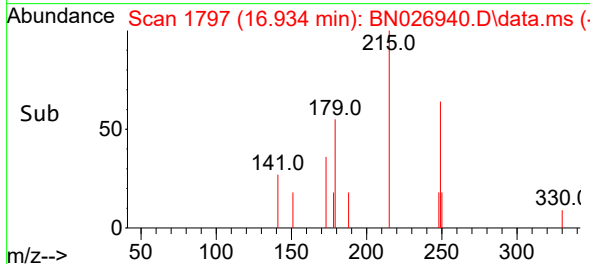
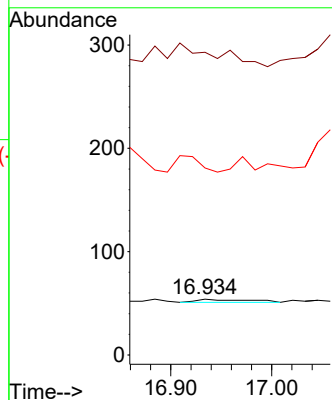
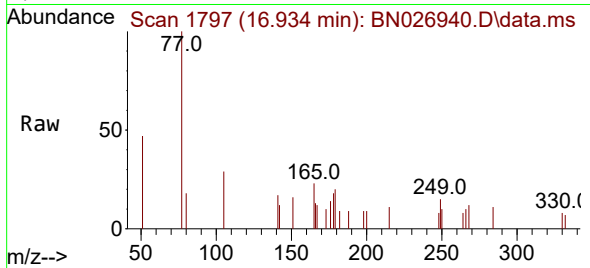




#20
4,6-Dinitro-2-methylphenol
Concen: 0.021 ng
RT: 16.934 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

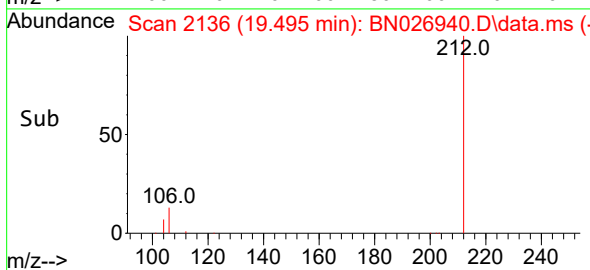
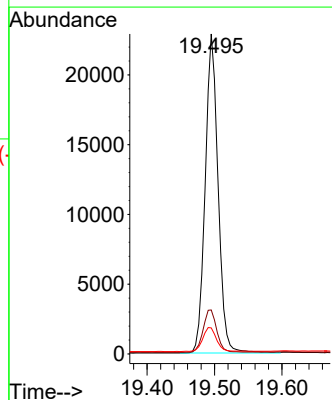
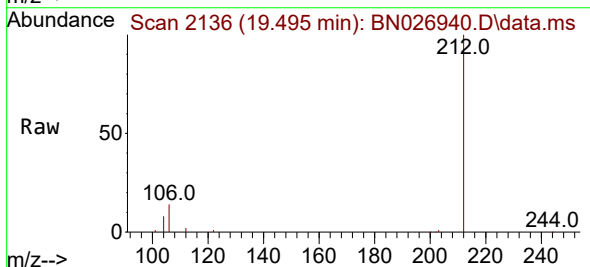
Instrument :
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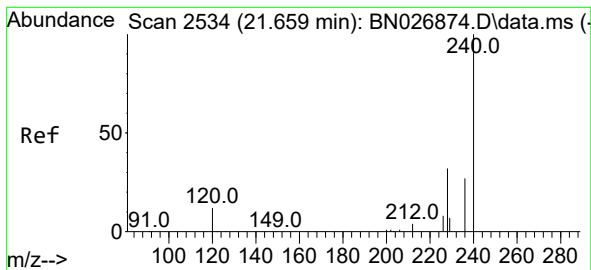
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 542.6 143.8 215.8#
105 335.2 273.5 410.3



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026940.D
Acq: 17 Aug 2023 13:45

Tgt Ion:212 Resp: 30405
Ion Ratio Lower Upper
212 100
106 14.2 10.9 16.3
104 8.0 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.650 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN026940.D

Acq: 17 Aug 2023 13:45

Instrument :

BNA_N

ClientSampleId :

RE104D3-20230815

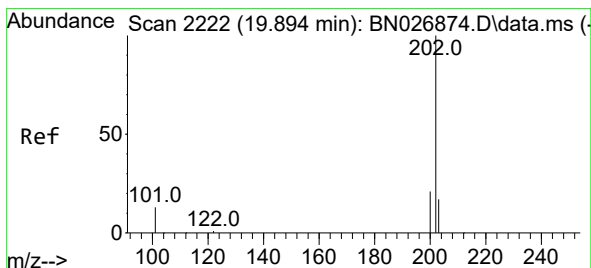
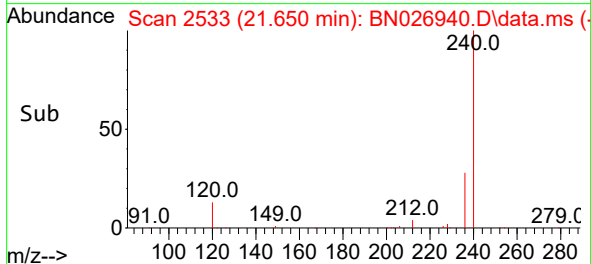
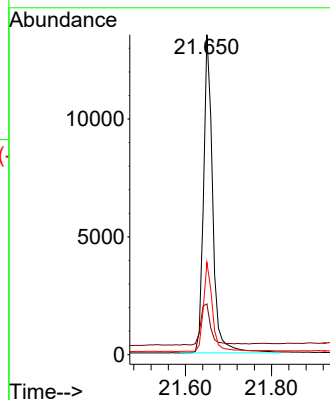
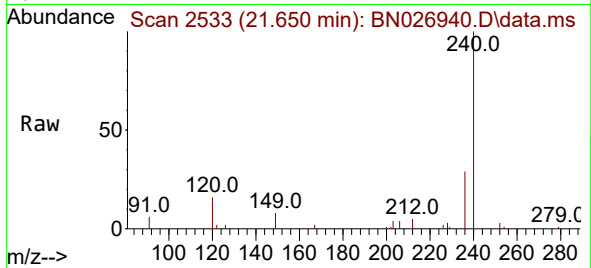
Tgt Ion:240 Resp: 20054

Ion Ratio Lower Upper

240 100

120 15.9 11.1 16.7

236 28.8 22.2 33.2



#30

Pyrene

Concen: 0.021 ng

RT: 19.890 min Scan# 2221

Delta R.T. -0.005 min

Lab File: BN026940.D

Acq: 17 Aug 2023 13:45

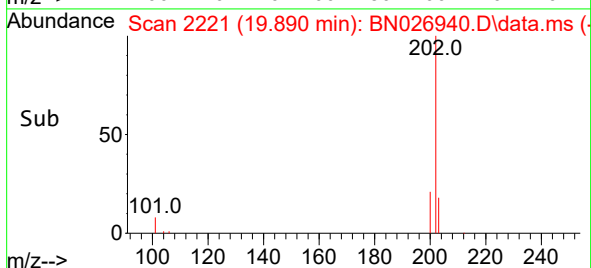
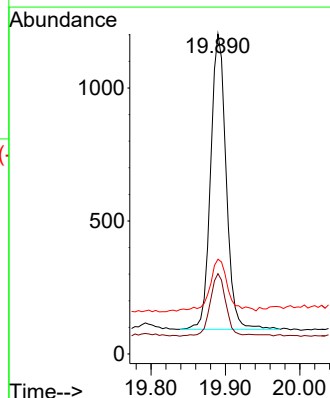
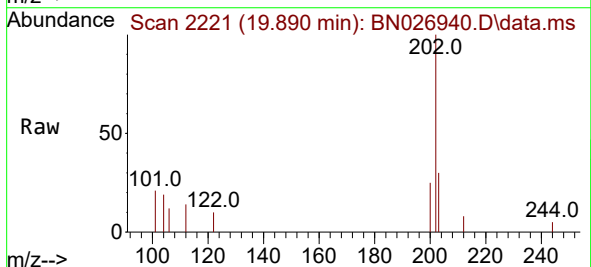
Tgt Ion:202 Resp: 1604

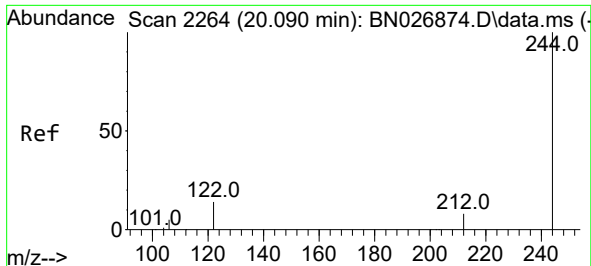
Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

203 21.3 14.4 21.6

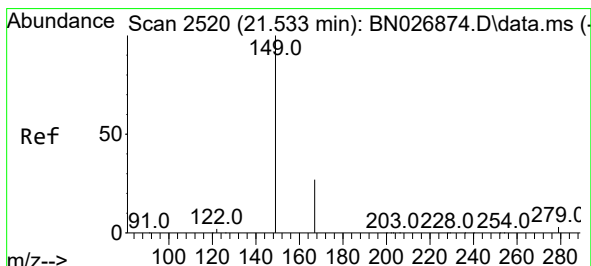
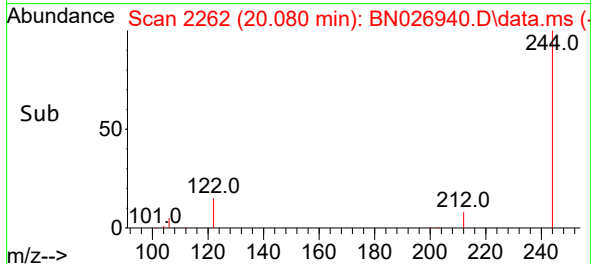
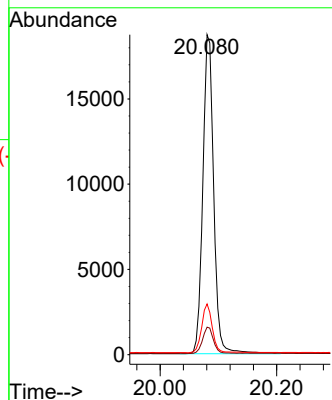
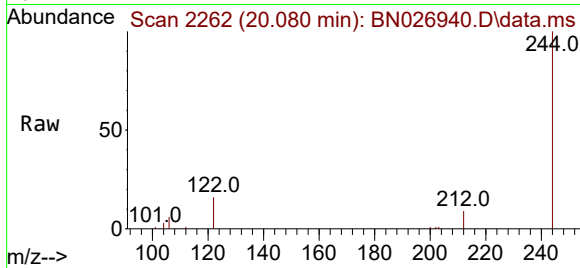




#31
 Terphenyl-d14
 Concen: 0.581 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026940.D
 Acq: 17 Aug 2023 13:45

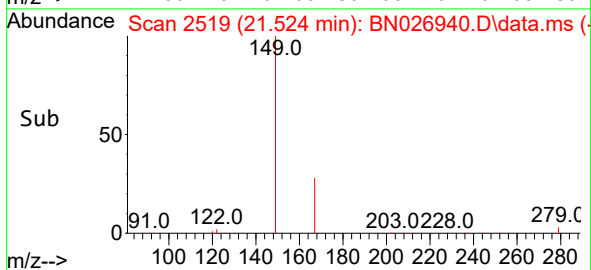
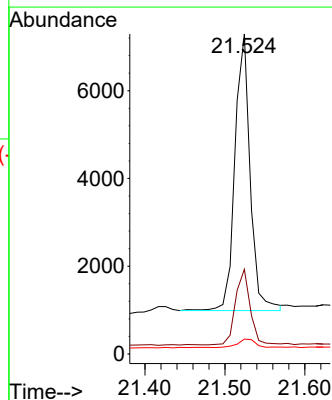
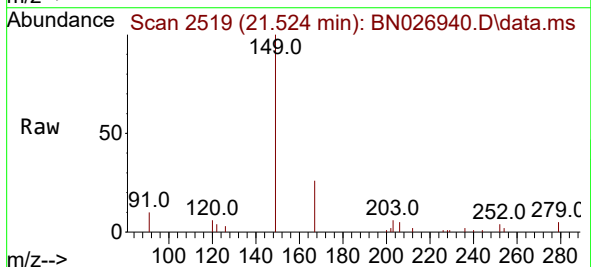
Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20230815

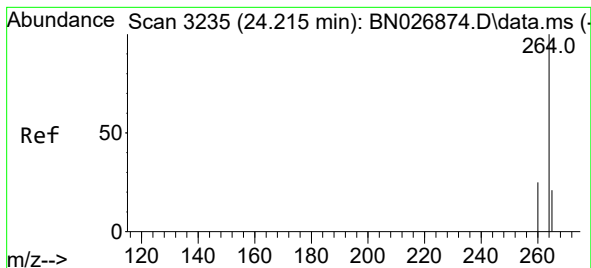
Tgt Ion:244 Resp: 24366
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 15.8 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.524 min Scan# 2519
 Delta R.T. 0.000 min
 Lab File: BN026940.D
 Acq: 17 Aug 2023 13:45

Tgt Ion:149 Resp: 8369
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 3.7 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.197 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN026940.D

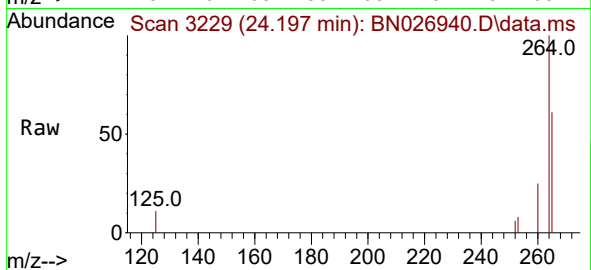
Acq: 17 Aug 2023 13:45

Instrument :

BNA_N

ClientSampleId :

RE104D3-20230815



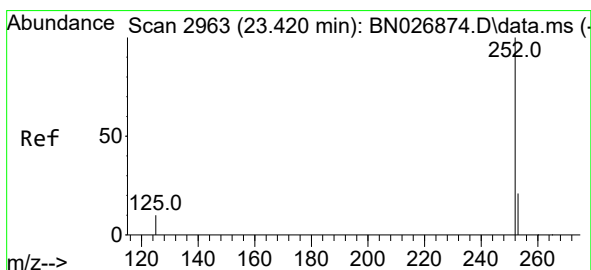
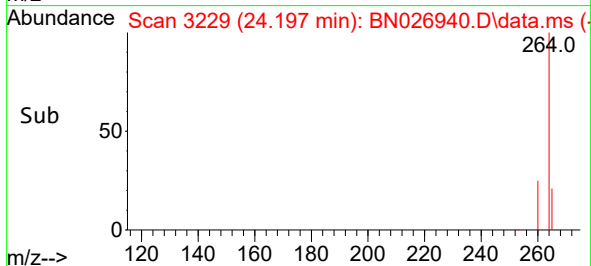
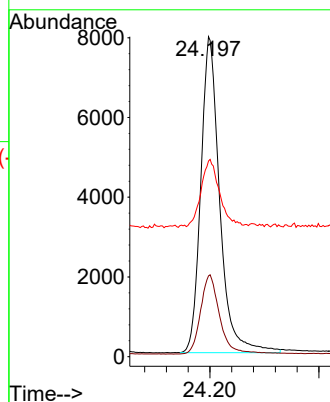
Tgt Ion:264 Resp: 19108

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 61.1 27.0 40.6#



#37

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 23.408 min Scan# 2959

Delta R.T. -0.006 min

Lab File: BN026940.D

Acq: 17 Aug 2023 13:45

Tgt Ion:252 Resp: 1292

Ion Ratio Lower Upper

252 100

253 68.2 18.4 27.6#

125 89.9 10.2 15.2#

