

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021257.D
 Acq On : 16 Aug 2022 16:05
 Operator : CG/JU
 Sample : N4043-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-080322

Quant Time: Aug 16 16:48:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

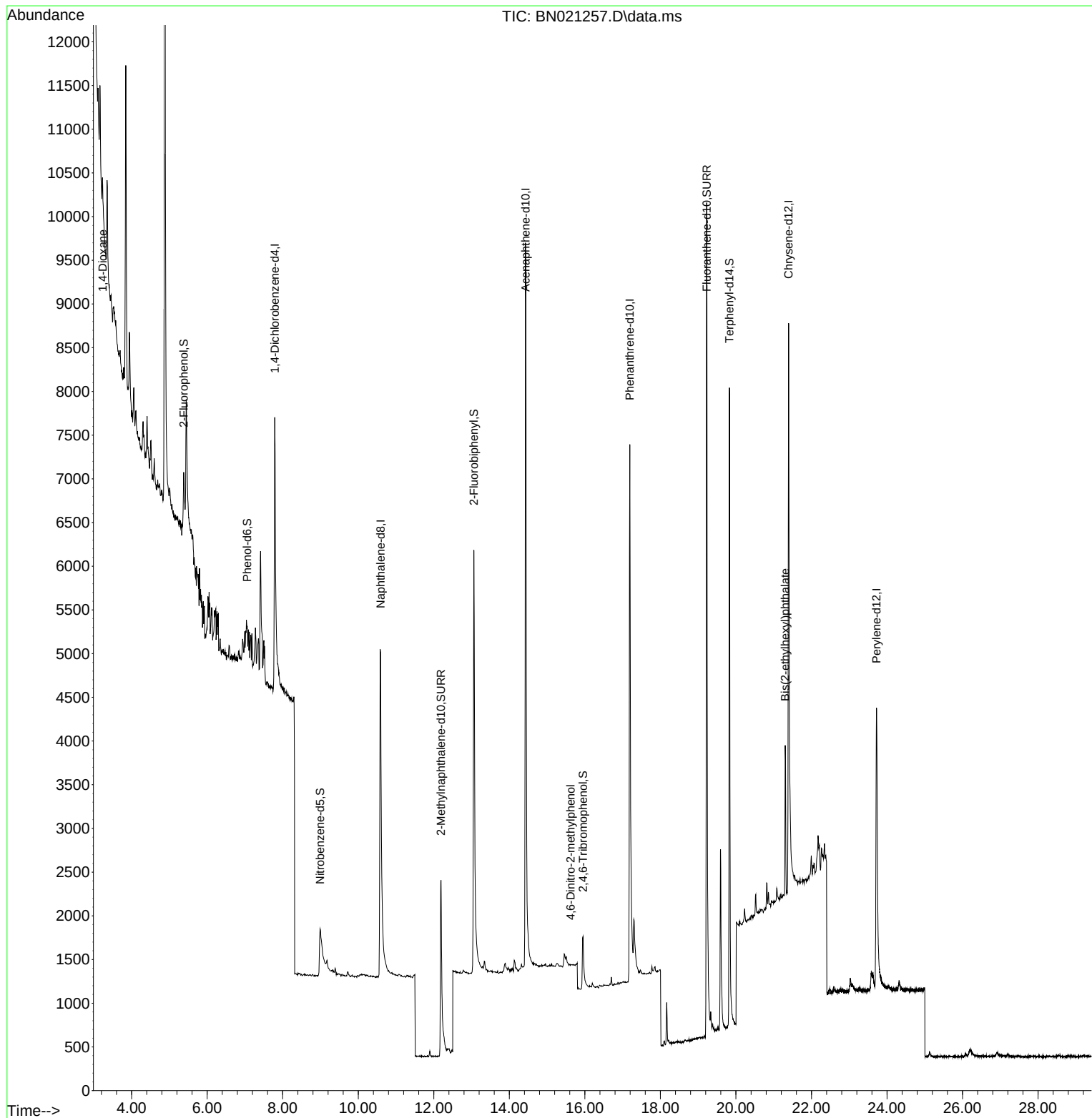
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	2839	0.400	ng	0.00
7) Naphthalene-d8	10.592	136	8854	0.400	ng	0.01
13) Acenaphthene-d10	14.429	164	6474	0.400	ng	0.00
19) Phenanthrene-d10	17.192	188	11704	0.400	ng	0.01
29) Chrysene-d12	21.395	240	8337	0.400	ng	0.00
35) Perylene-d12	23.723	264	6122	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	984	0.139	ng	0.00
5) Phenol-d6	7.061	99	277	0.034	ng	0.08
8) Nitrobenzene-d5	8.990	82	1331	0.293	ng	0.03
11) 2-Methylnaphthalene-d10	12.191	152	4904	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.951	330	536	0.253	ng	0.01
15) 2-Fluorobiphenyl	13.060	172	6094	0.237	ng	0.00
27) Fluoranthene-d10	19.227	212	13884	0.437	ng	0.00
31) Terphenyl-d14	19.825	244	9684	0.426	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.233	88	249	0.063	ng	Qvalue # 82
20) 4,6-Dinitro-2-methylph...	15.626	198	3	0.255	ng	# 6
34) Bis(2-ethylhexyl)phtha...	21.305	149	1812	0.098	ng	100

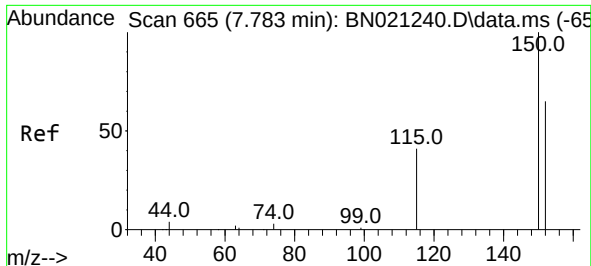
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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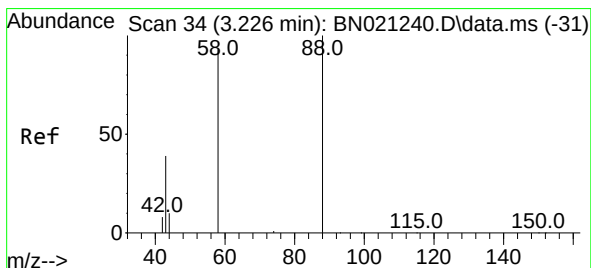
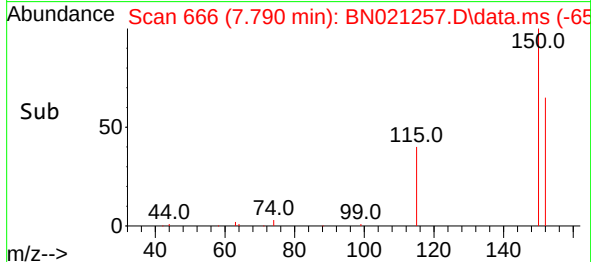
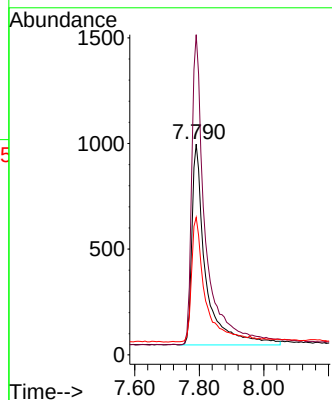
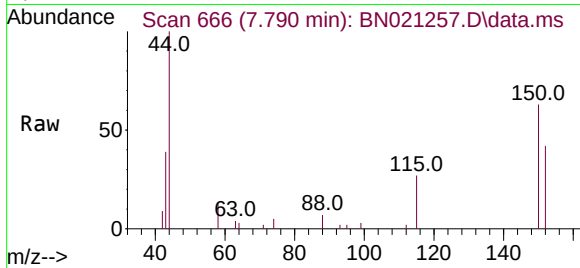




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

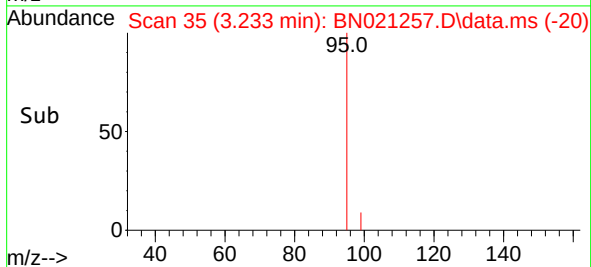
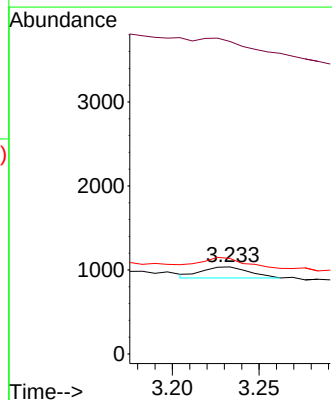
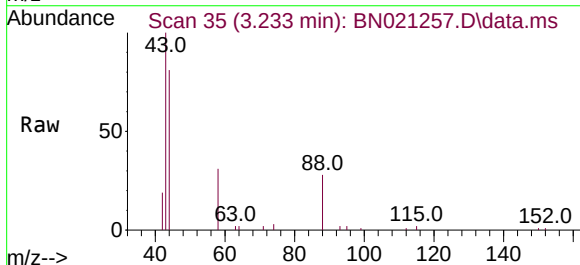
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-080322

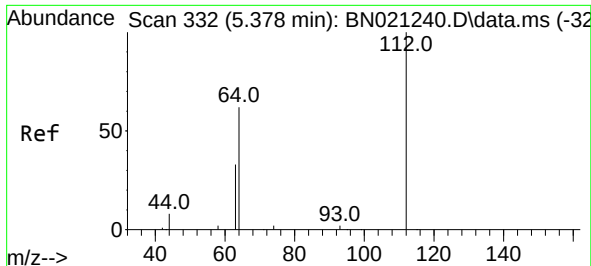
Tgt Ion:152 Resp: 2839
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.1 184.7
 115 65.2 52.2 78.4



#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.233 min Scan# 35
 Delta R.T. 0.007 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

Tgt Ion: 88 Resp: 249
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.6 42.8#
 58 91.2 74.5 111.7

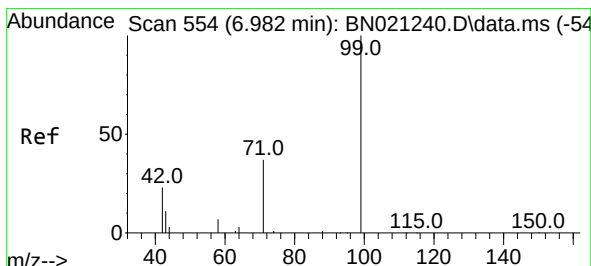
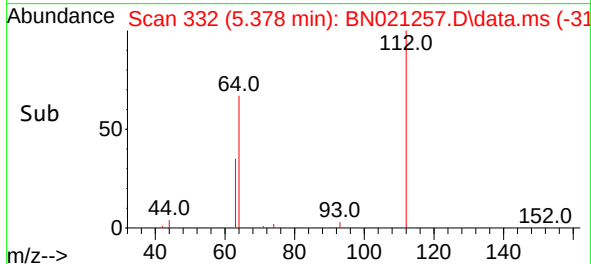
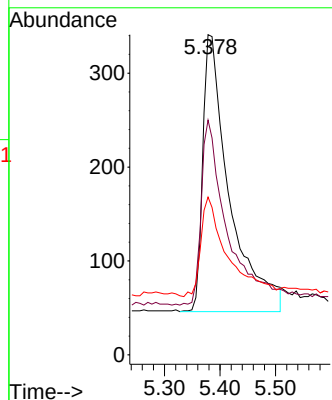
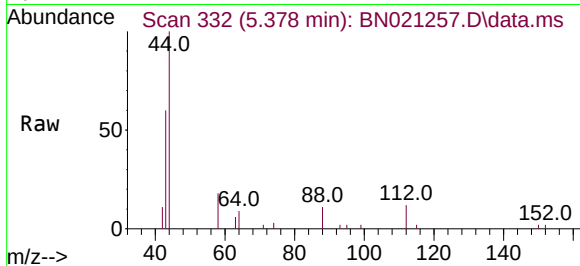




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.378 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021257.D
Acq: 16 Aug 2022 16:05

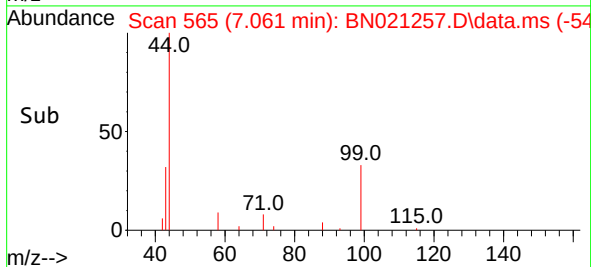
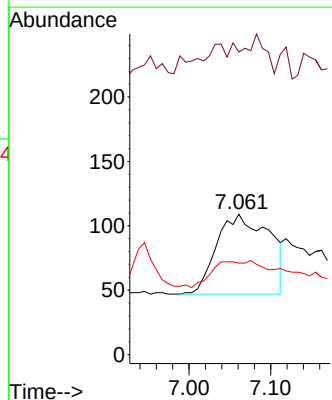
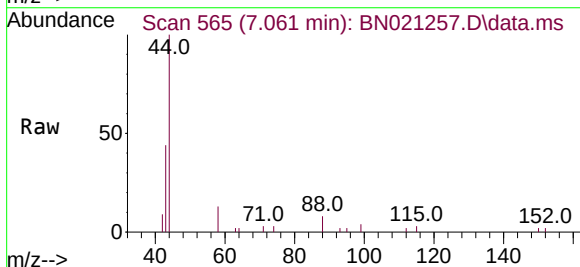
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-U-080322

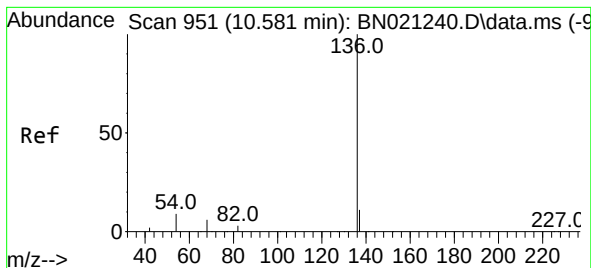
Tgt Ion:112 Resp: 984
Ion Ratio Lower Upper
112 100
64 64.7 52.0 78.0
63 36.4 27.5 41.3



#5
Phenol-d6
Concen: 0.034 ng
RT: 7.061 min Scan# 565
Delta R.T. 0.079 min
Lab File: BN021257.D
Acq: 16 Aug 2022 16:05

Tgt Ion: 99 Resp: 277
Ion Ratio Lower Upper
99 100
42 0.0 19.1 28.7#
71 0.0 28.9 43.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.592 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN021257.D

Acq: 16 Aug 2022 16:05

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-U-080322

Tgt Ion:136 Resp: 8854

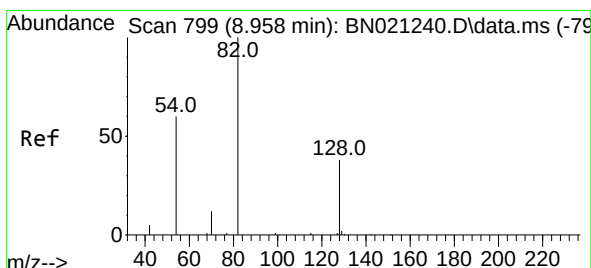
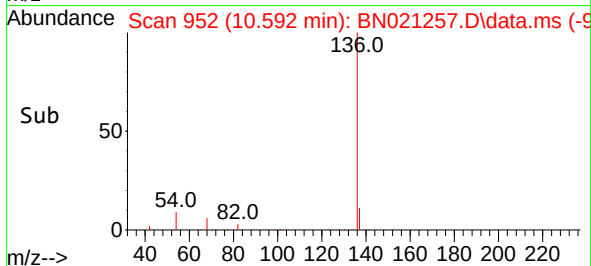
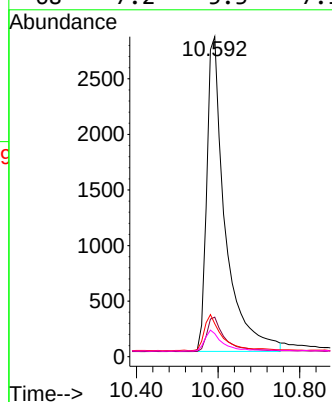
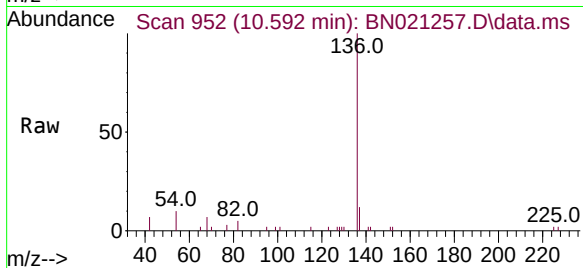
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 10.3 8.2 12.2

68 7.2 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.293 ng

RT: 8.990 min Scan# 802

Delta R.T. 0.032 min

Lab File: BN021257.D

Acq: 16 Aug 2022 16:05

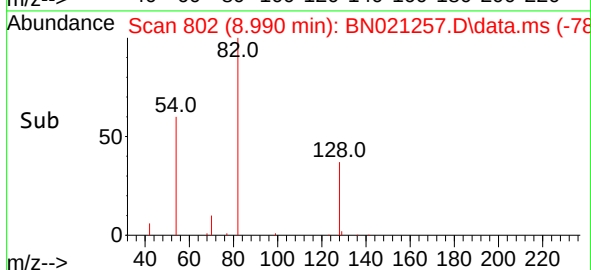
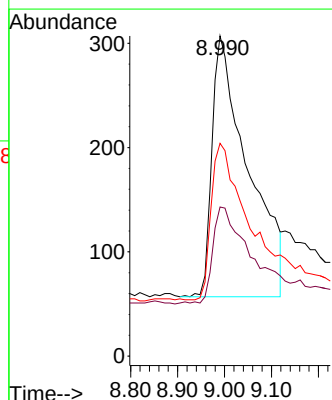
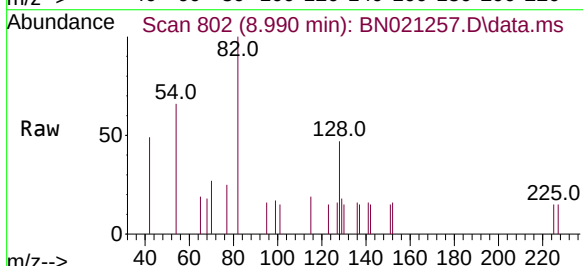
Tgt Ion: 82 Resp: 1331

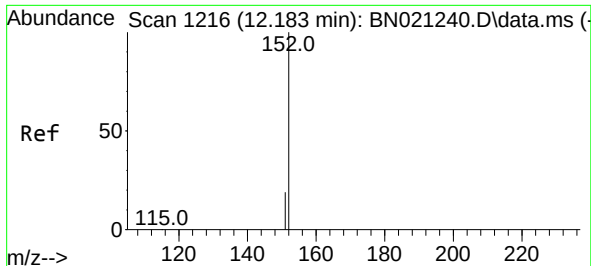
Ion Ratio Lower Upper

82 100

128 46.6 33.6 50.4

54 66.4 50.2 75.2

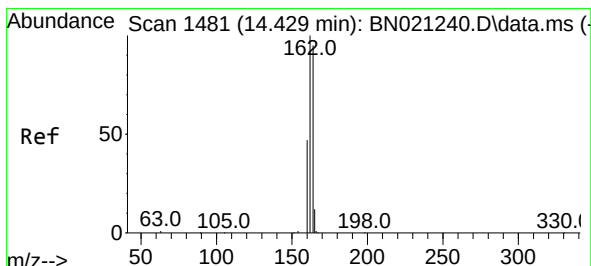
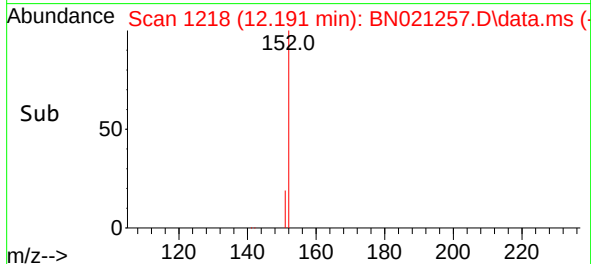
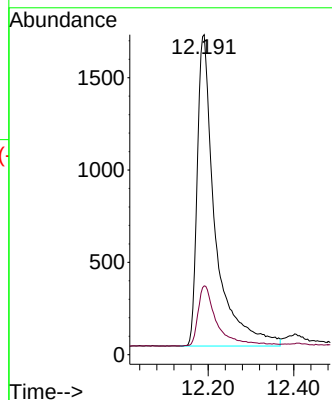
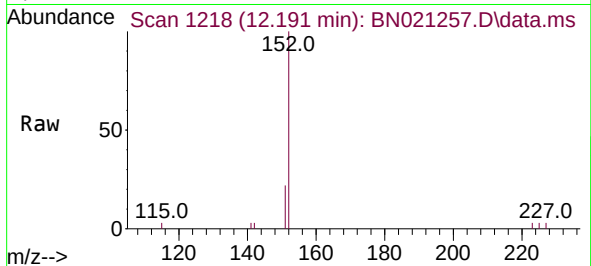




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.191 min Scan# 1218
Delta R.T. 0.008 min
Lab File: BN021257.D
Acq: 16 Aug 2022 16:05

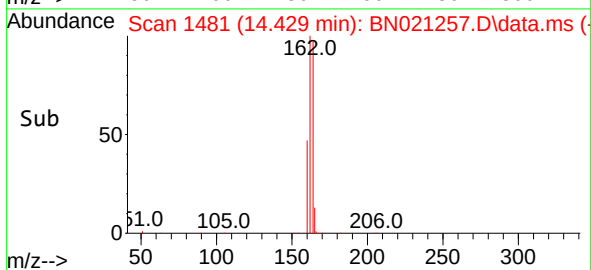
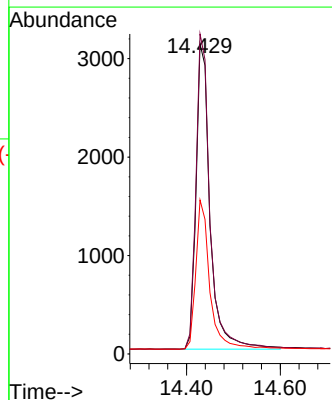
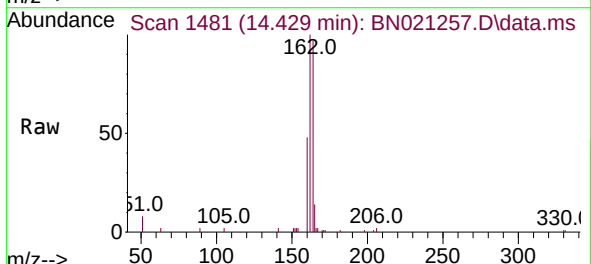
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-U-080322

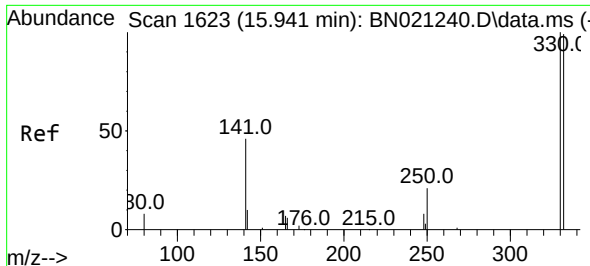
Tgt Ion:152 Resp: 4904
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN021257.D
Acq: 16 Aug 2022 16:05

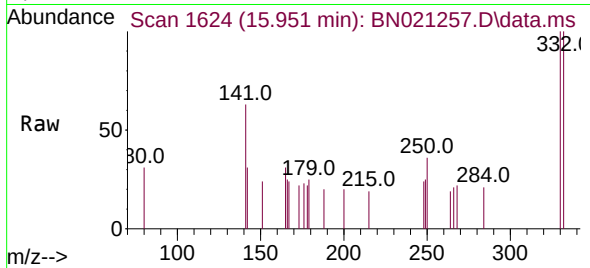
Tgt Ion:164 Resp: 6474
Ion Ratio Lower Upper
164 100
162 103.2 83.8 125.6
160 49.7 39.8 59.6





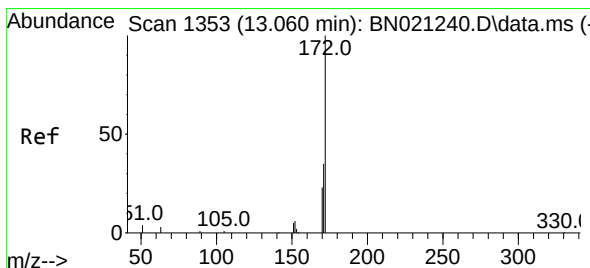
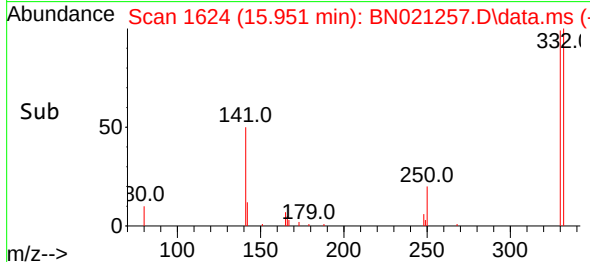
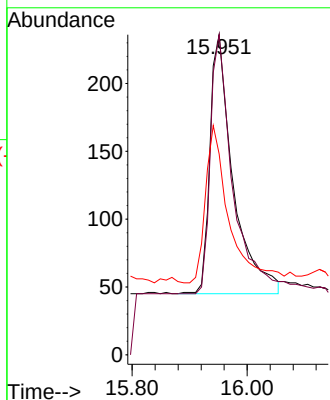
#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 15.951 min Scan# 1624
 Delta R.T. 0.010 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-080322



Tgt Ion: 330 Resp: 536

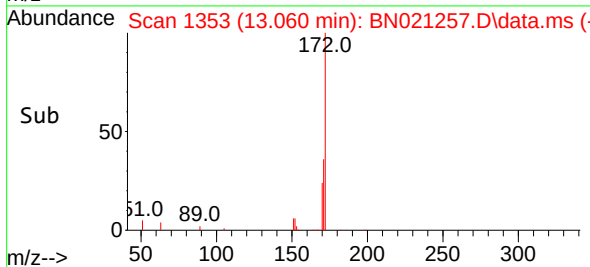
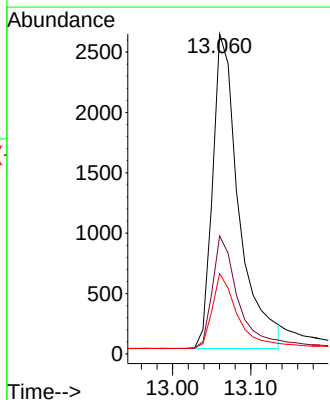
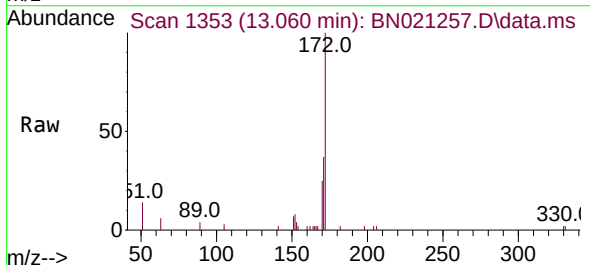
Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.1	117.1
141	61.4	45.4	68.0

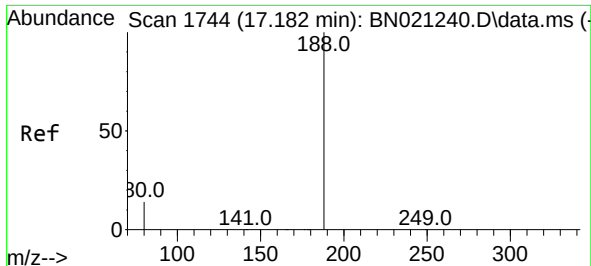


#15
 2-Fluorobiphenyl
 Concen: 0.237 ng
 RT: 13.060 min Scan# 1353
 Delta R.T. -0.000 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

Tgt Ion: 172 Resp: 6094

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.4	42.6
170	25.1	19.0	28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.192 min Scan# 11

Delta R.T. 0.010 min

Lab File: BN021257.D

Acq: 16 Aug 2022 16:05

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-U-080322

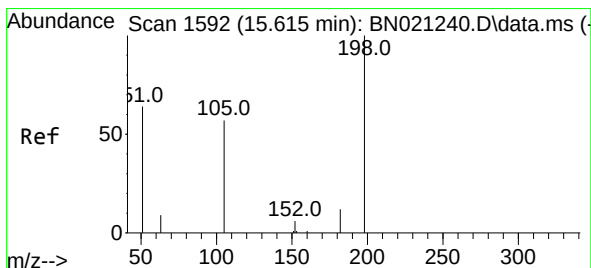
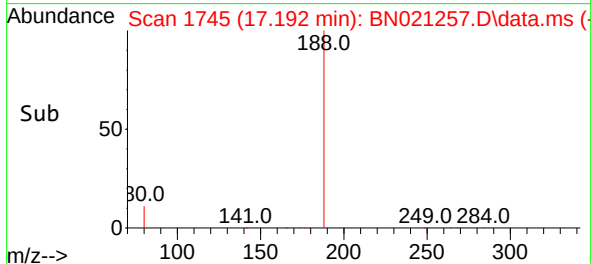
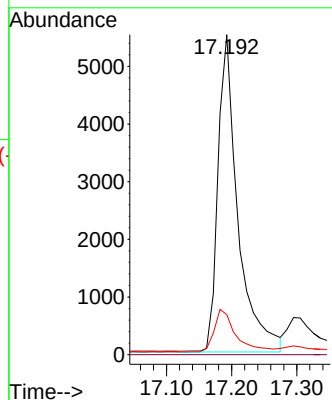
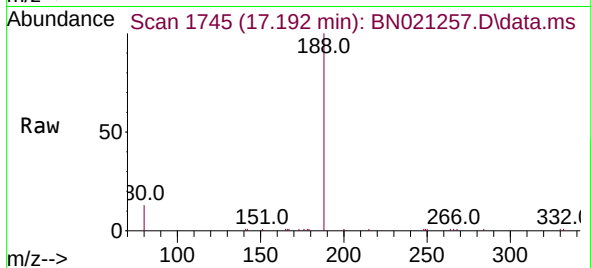
Tgt Ion:188 Resp: 11704

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 11.8 17.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.255 ng

RT: 15.626 min Scan# 1593

Delta R.T. 0.011 min

Lab File: BN021257.D

Acq: 16 Aug 2022 16:05

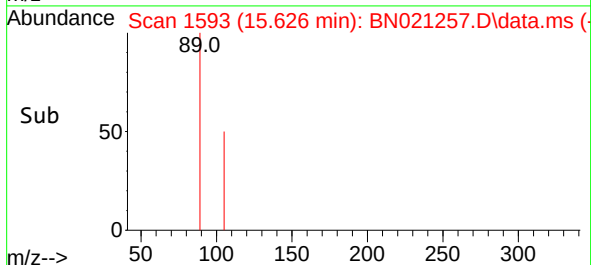
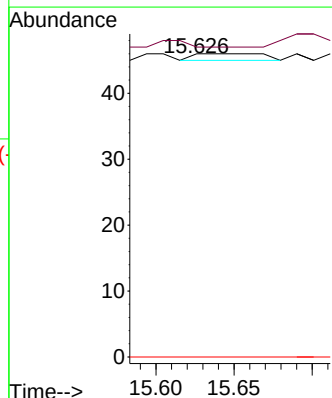
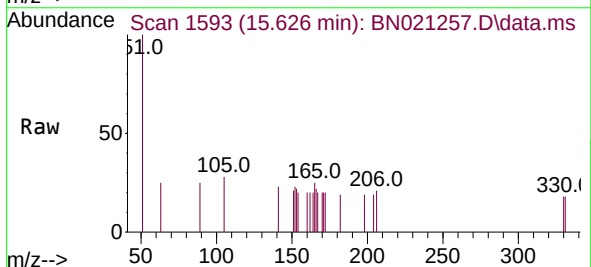
Tgt Ion:198 Resp: 3

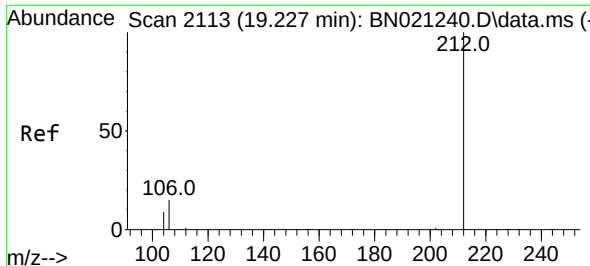
Ion Ratio Lower Upper

198 100

182 102.2 33.9 50.9#

77 0.0 0.0 0.0

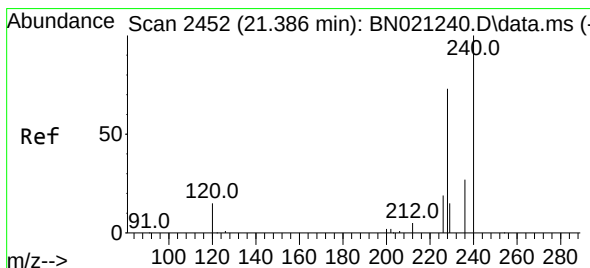
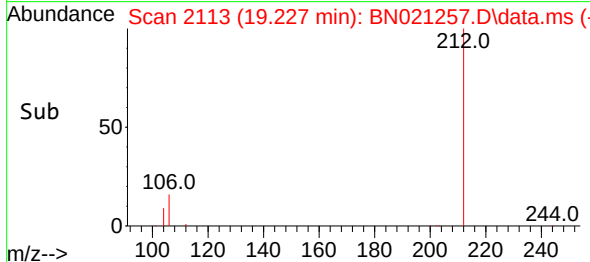
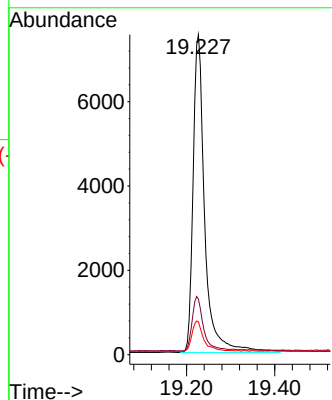
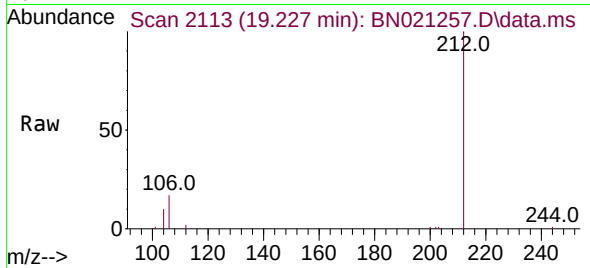




#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.227 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN021257.D
Acq: 16 Aug 2022 16:05

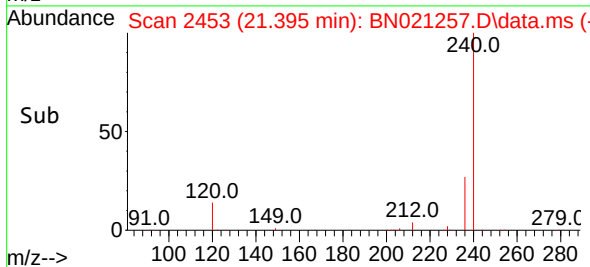
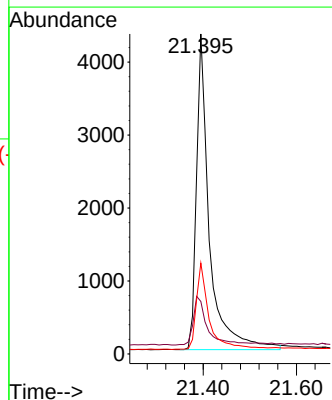
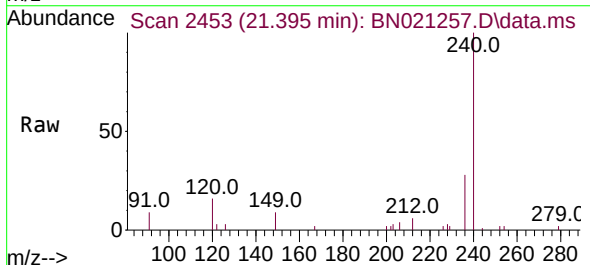
Instrument :
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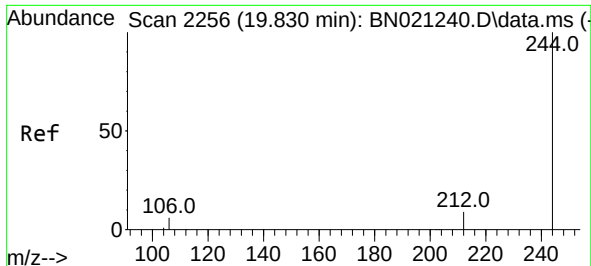
Tgt Ion:212 Resp: 13884
Ion Ratio Lower Upper
212 100
106 16.7 12.6 18.8
104 9.8 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BN021257.D
Acq: 16 Aug 2022 16:05

Tgt Ion:240 Resp: 8337
Ion Ratio Lower Upper
240 100
120 16.4 13.4 20.2
236 28.4 22.6 33.8

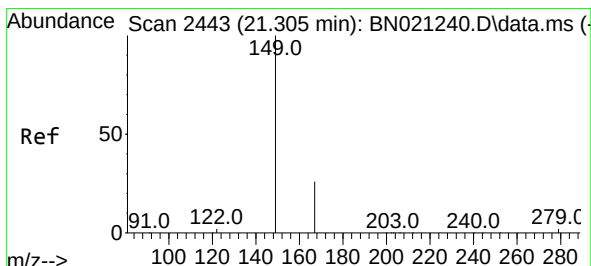
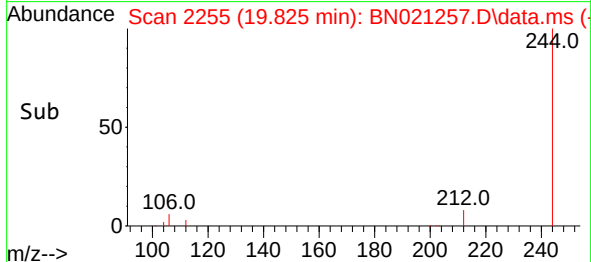
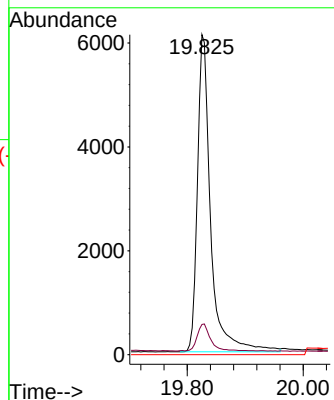
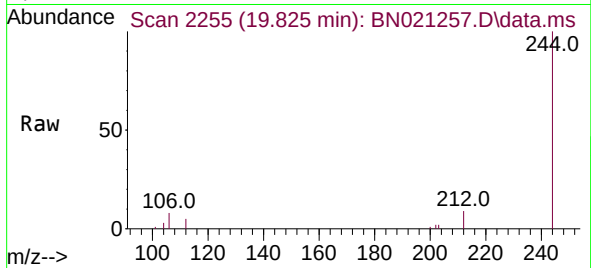




#31
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 19.825 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

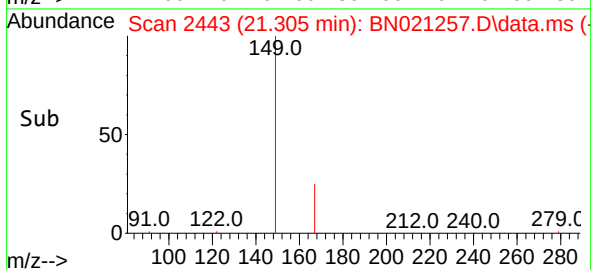
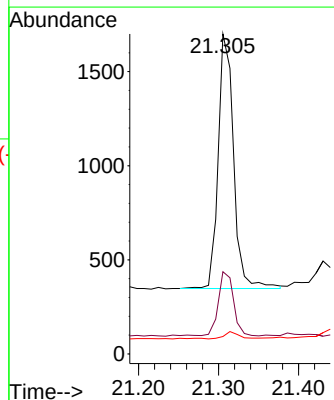
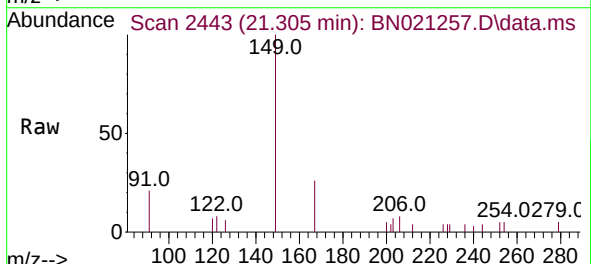
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-080322

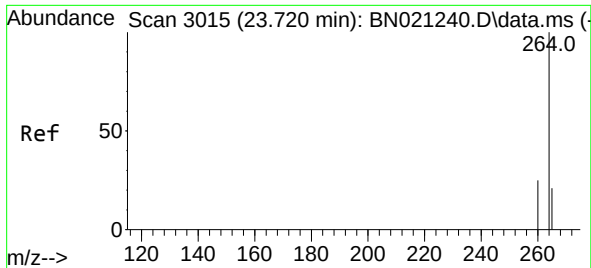
Tgt Ion:244 Resp: 9684
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.3 12.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

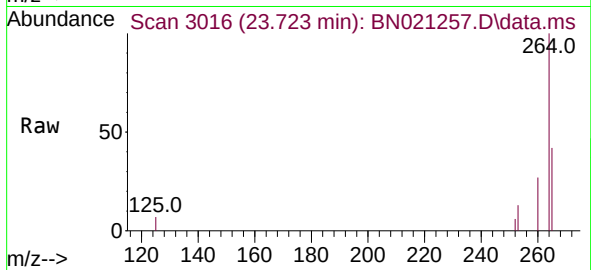
Tgt Ion:149 Resp: 1812
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.6 31.0
 279 2.8 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.723 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN021257.D
 Acq: 16 Aug 2022 16:05

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-U-080322



Tgt Ion: 264 Resp: 6122

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.4	32.2
265	42.1	34.3	51.5

