

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024535.D
 Acq On : 24 Mar 2023 07:43
 Operator : CG/JU
 Sample : 01941-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20230313

Quant Time: Mar 24 08:12:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 03:05:57 2023
 Response via : Initial Calibration

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

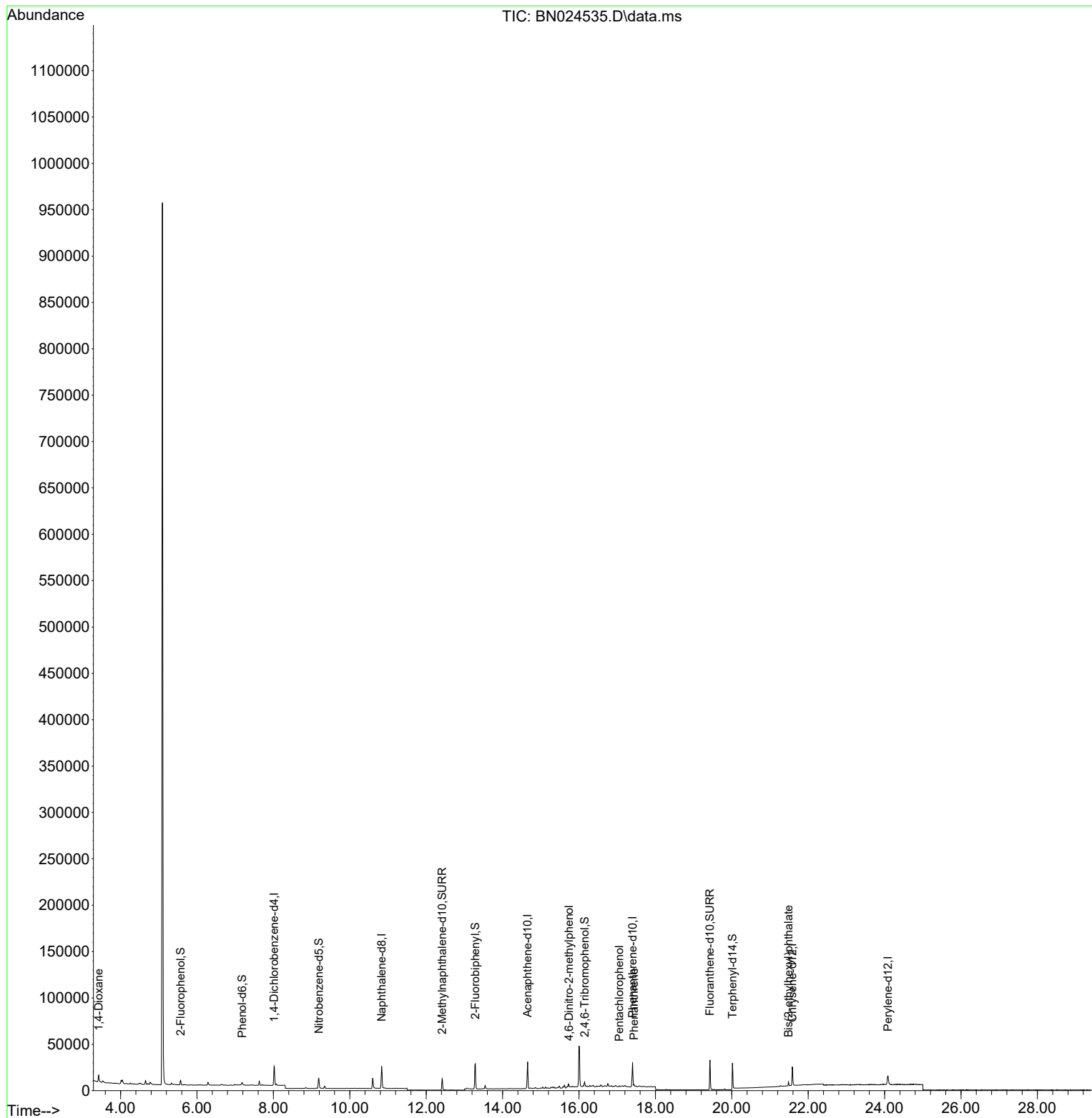
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	10531	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	30296	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	15437	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	33535	0.400	ng	0.00
29) Chrysene-d12	21.583	240	19662	0.400	ng	# 0.00
35) Perylene-d12	24.085	264	15788	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3946	0.169	ng	0.00
5) Phenol-d6	7.181	99	2692	0.090	ng	0.00
8) Nitrobenzene-d5	9.190	82	9602	0.474	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	16288	0.437	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	3033	0.384	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	25487	0.437	ng	0.00
27) Fluoranthene-d10	19.429	212	34181	0.481	ng	0.00
31) Terphenyl-d14	20.016	244	19273	0.581	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	4230	0.369	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.737	198	17	0.181	ng	# 1
24) Pentachlorophenol	17.053	266	47	0.132	ng	# 70
25) Phenanthrene	17.438	178	2471	0.025	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.484	149	3928	0.127	ng	# 99

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

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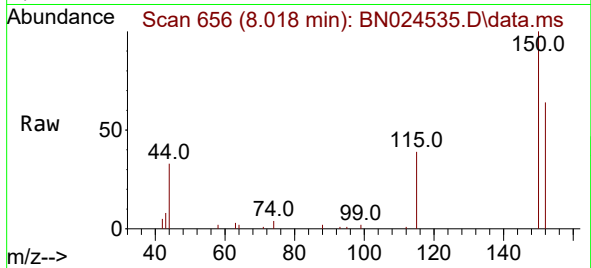
Quant Time: Mar 24 08:12:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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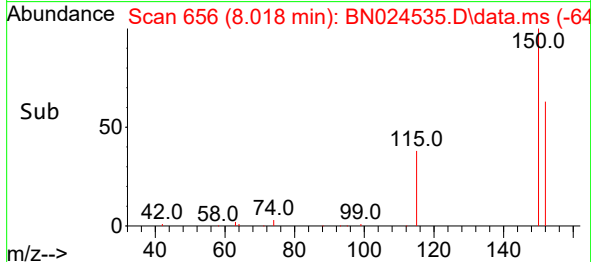
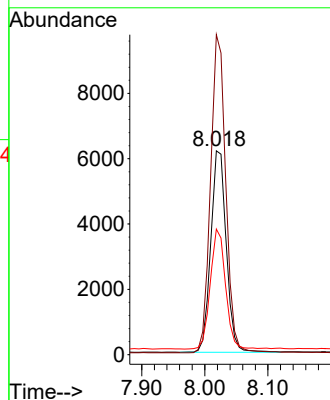


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.018 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024535.D
 Acq: 24 Mar 2023 07:43

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20230313

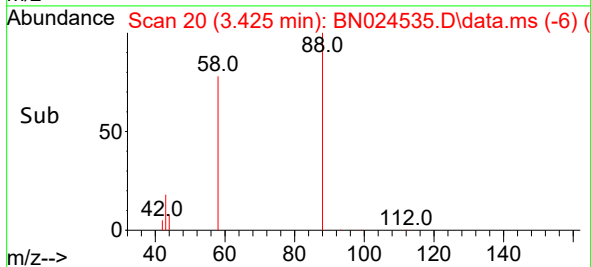
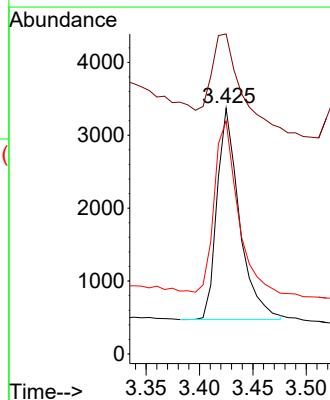
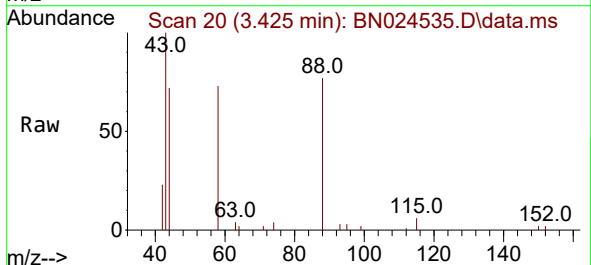


Tgt Ion:152 Resp: 10531
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 61.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.369 ng
 RT: 3.425 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN024535.D
 Acq: 24 Mar 2023 07:43

Tgt Ion: 88 Resp: 4230
 Ion Ratio Lower Upper
 88 100
 43 55.3 29.0 43.4#
 58 85.1 67.3 100.9

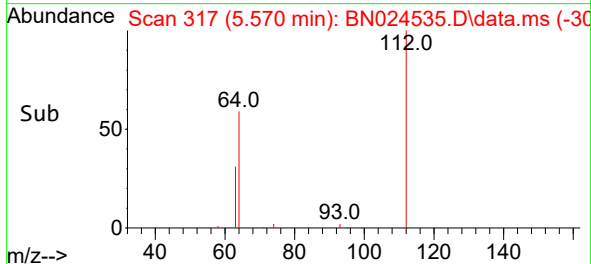
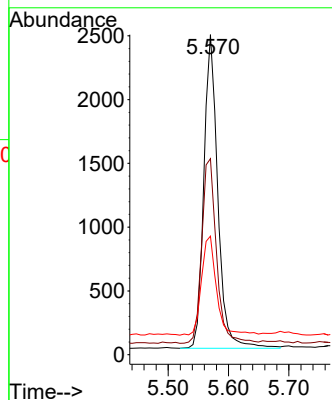
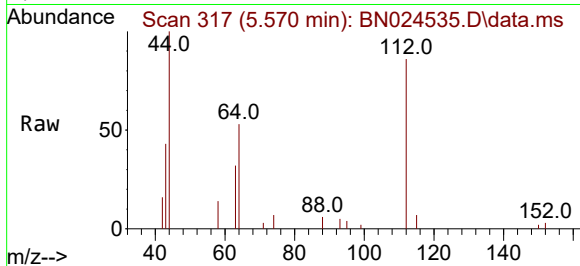




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.570 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

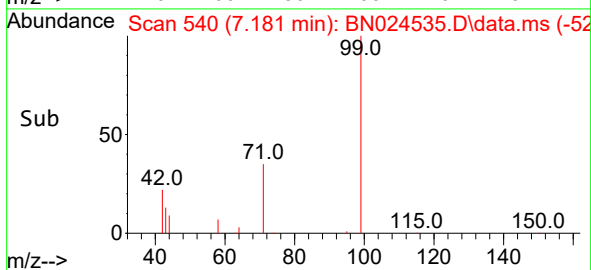
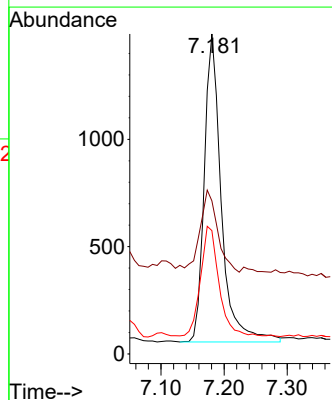
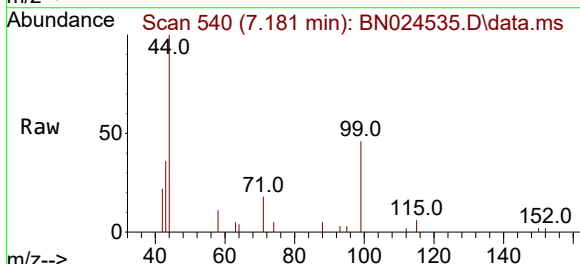
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230313

Tgt Ion:112 Resp: 3946
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.6
63 33.9 25.7 38.5



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

Tgt Ion: 99 Resp: 2692
Ion Ratio Lower Upper
99 100
42 27.2 20.1 30.1
71 39.2 25.8 38.8#

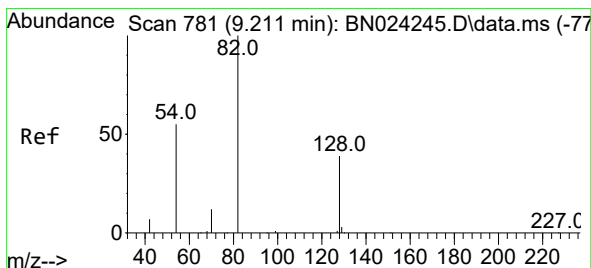
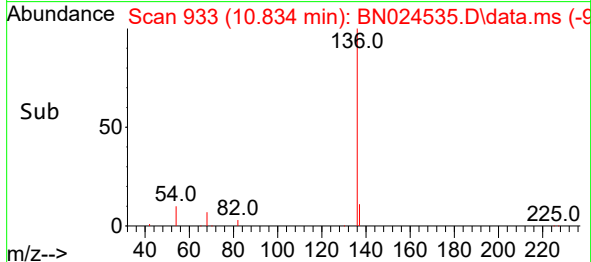
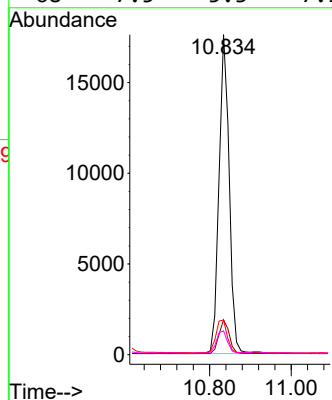
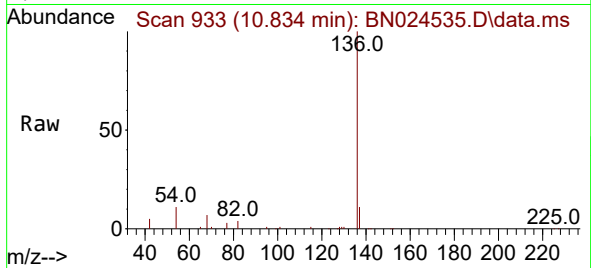




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

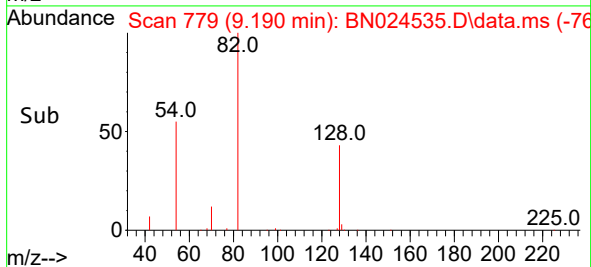
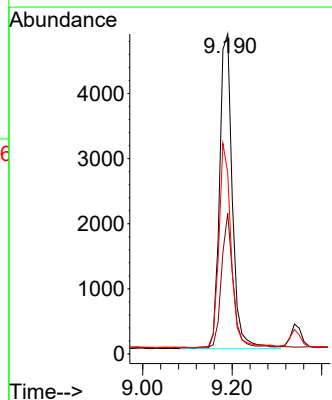
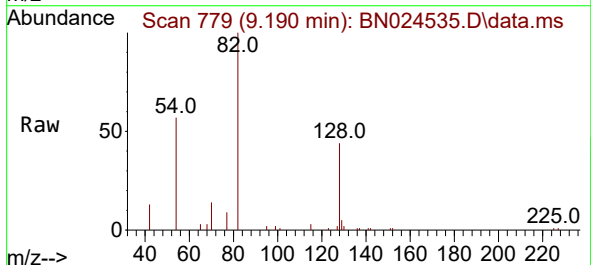
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230313

Tgt Ion:136 Resp: 30296
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.9 7.1 10.7#
68 7.5 5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.474 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

Tgt Ion: 82 Resp: 9602
Ion Ratio Lower Upper
82 100
128 44.0 32.4 48.6
54 56.5 45.2 67.8

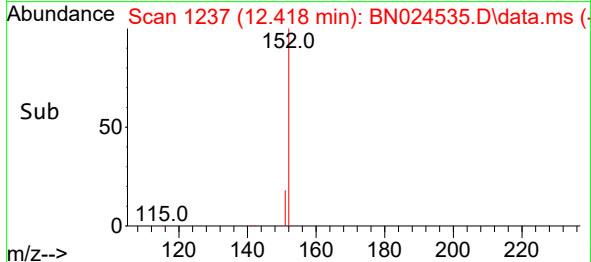
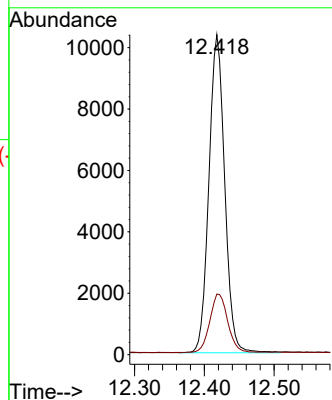
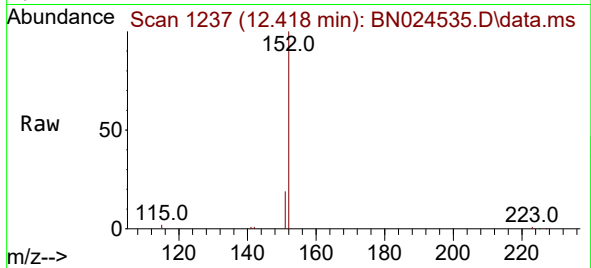




#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

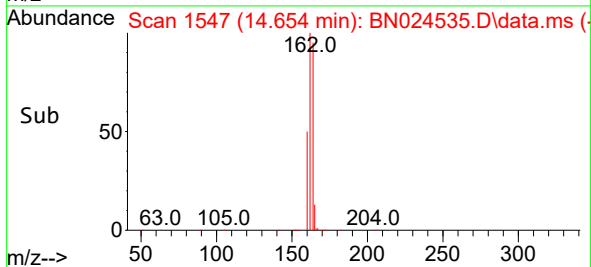
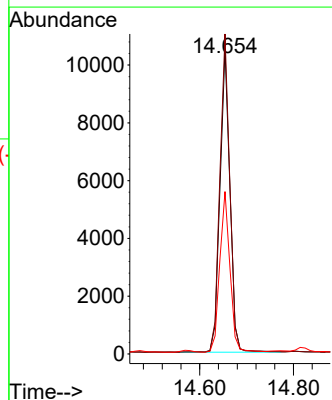
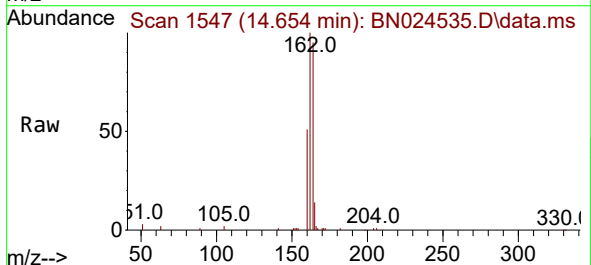
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230313

Tgt Ion:152 Resp: 16288
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

Tgt Ion:164 Resp: 15437
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 53.3 44.6 66.8

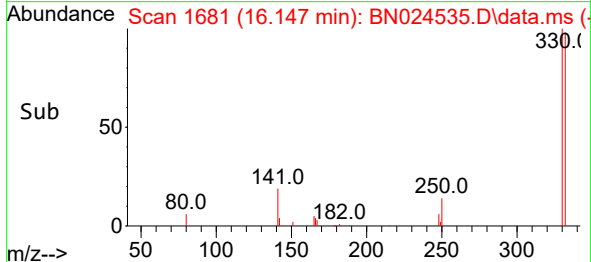
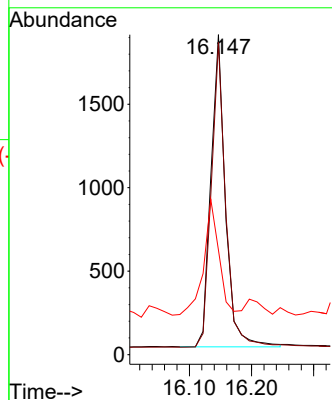
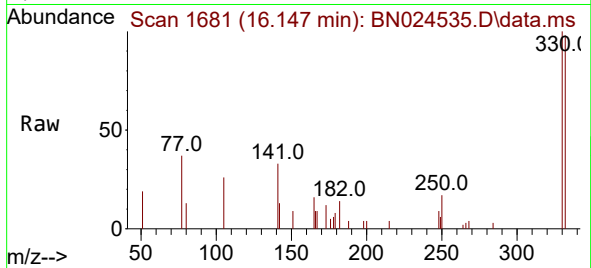




#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

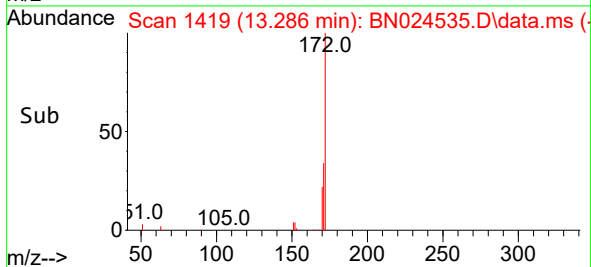
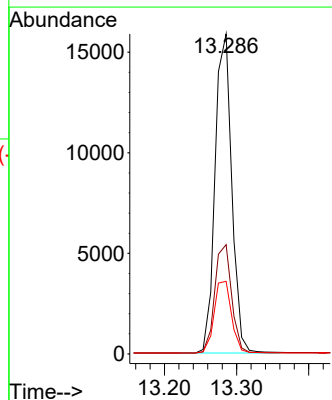
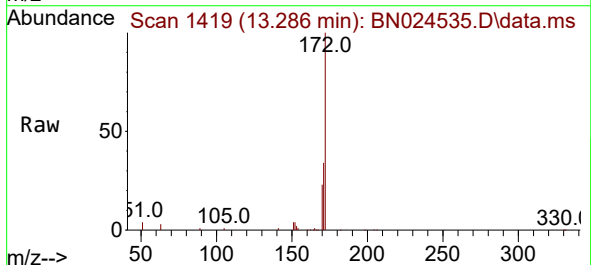
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230313

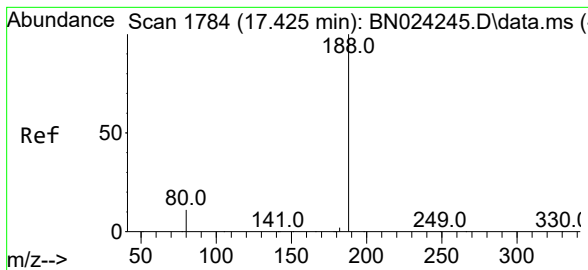
Tgt Ion:330 Resp: 3033
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 38.9 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

Tgt Ion:172 Resp: 25487
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.7 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024535.D

Acq: 24 Mar 2023 07:43

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230313

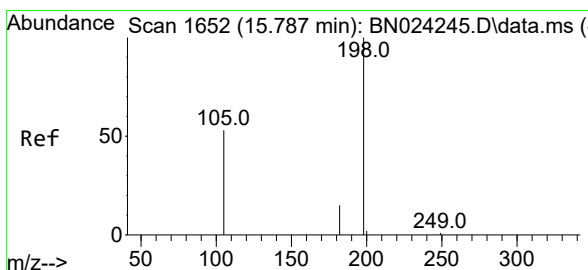
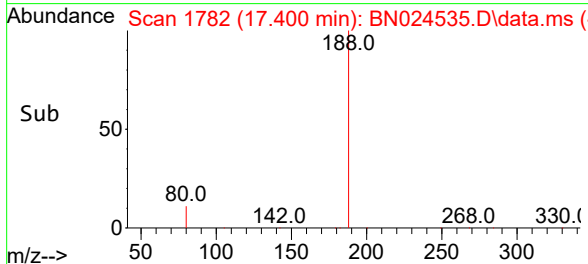
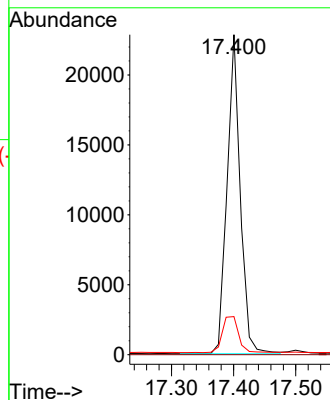
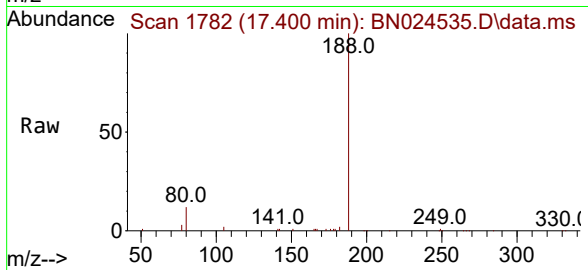
Tgt Ion:188 Resp: 33535

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.737 min Scan# 1648

Delta R.T. -0.037 min

Lab File: BN024535.D

Acq: 24 Mar 2023 07:43

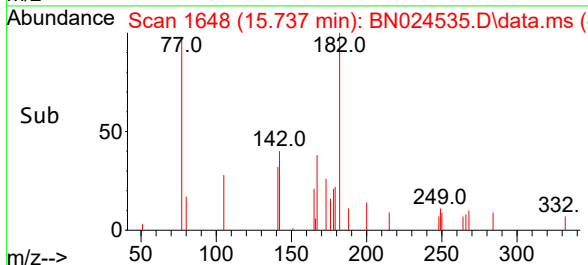
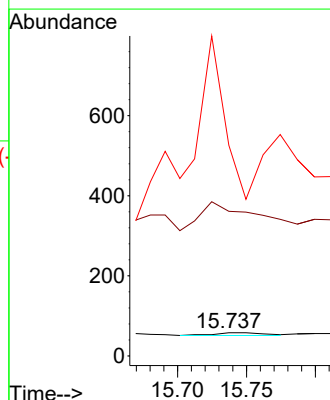
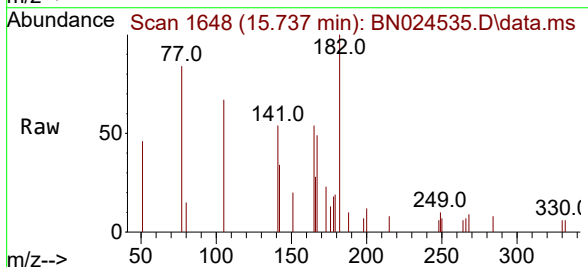
Tgt Ion:198 Resp: 17

Ion Ratio Lower Upper

198 100

51 622.4 68.2 102.2#

105 906.9 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.053 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024535.D

Acq: 24 Mar 2023 07:43

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230313

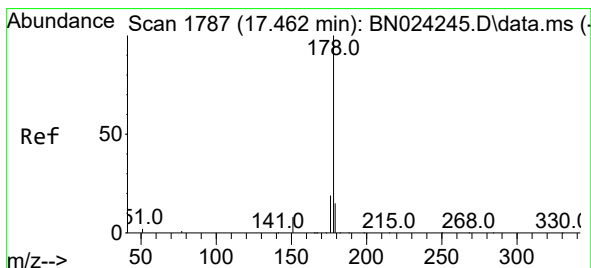
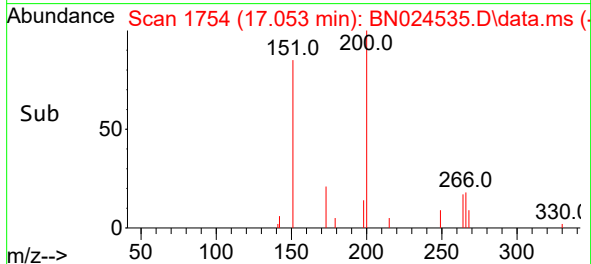
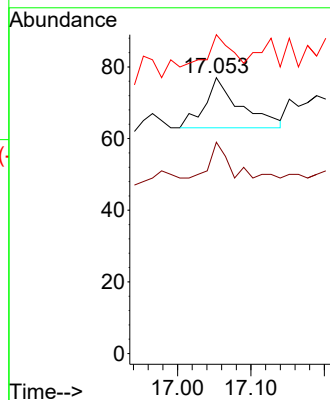
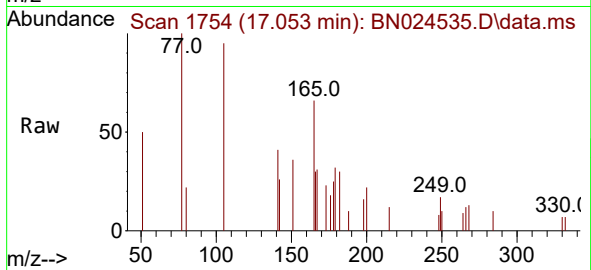
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

264 36.2 51.1 76.7#

268 85.1 52.2 78.4#



#25

Phenanthrene

Concen: 0.025 ng

RT: 17.438 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BN024535.D

Acq: 24 Mar 2023 07:43

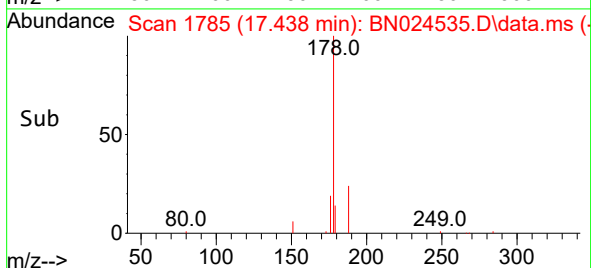
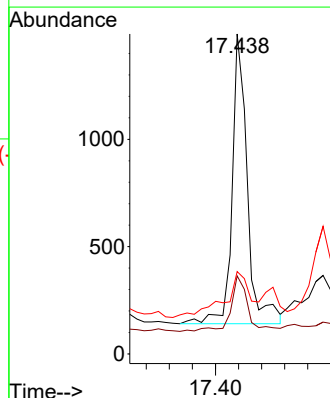
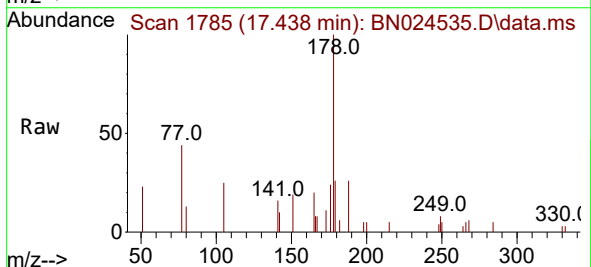
Tgt Ion:178 Resp: 2471

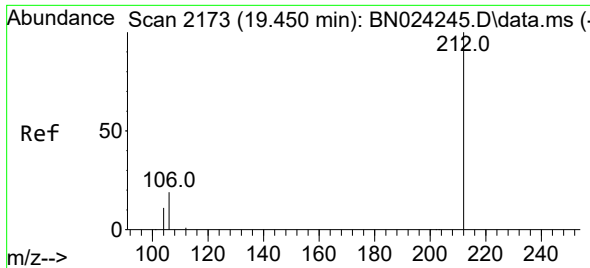
Ion Ratio Lower Upper

178 100

176 21.6 15.4 23.0

179 27.0 12.2 18.2#

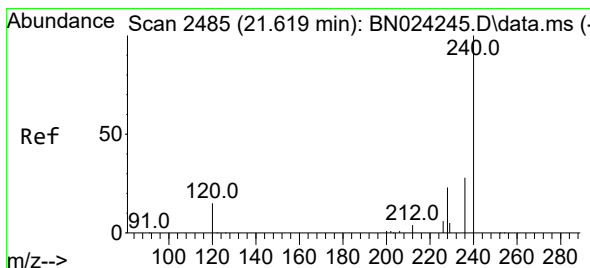
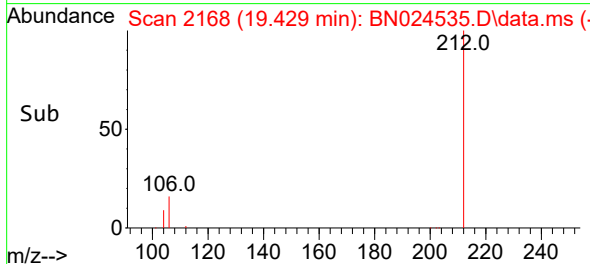
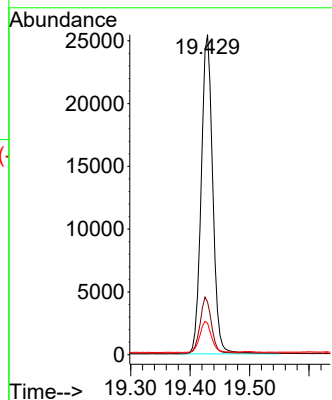
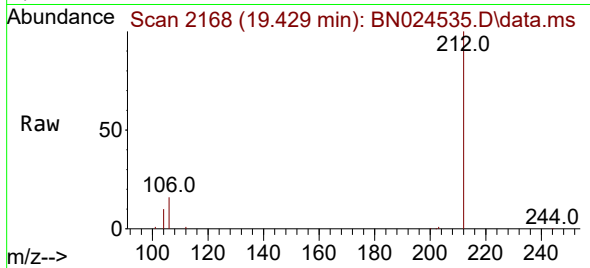




#27
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.429 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

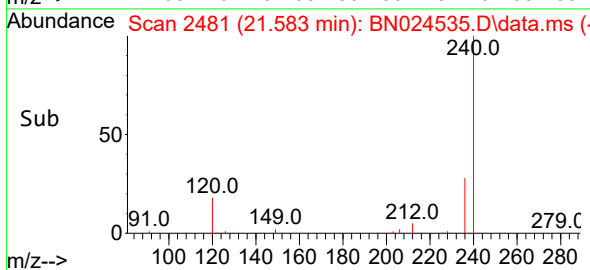
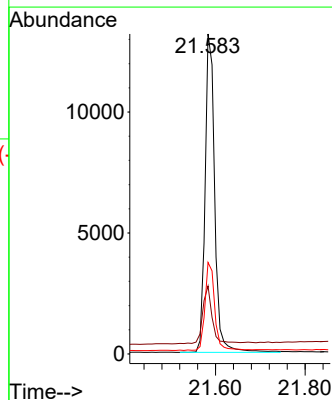
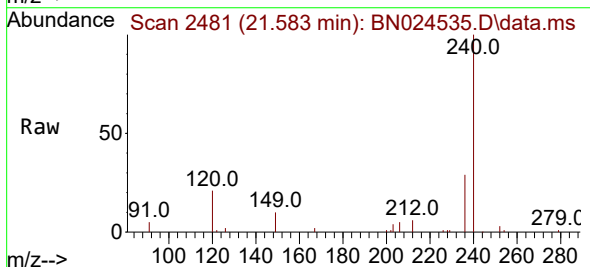
Instrument :
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TT163S1-20230313

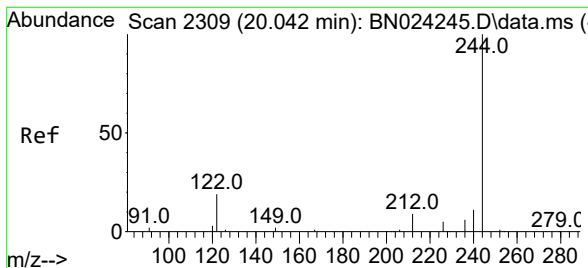
Tgt Ion:212 Resp: 34181
Ion Ratio Lower Upper
212 100
106 17.2 15.4 23.2
104 9.8 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.583 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN024535.D
Acq: 24 Mar 2023 07:43

Tgt Ion:240 Resp: 19662
Ion Ratio Lower Upper
240 100
120 21.2 12.8 19.2#
236 28.6 22.5 33.7





#31

Terphenyl-d14

Concen: 0.581 ng

RT: 20.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024535.D

Acq: 24 Mar 2023 07:43

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230313

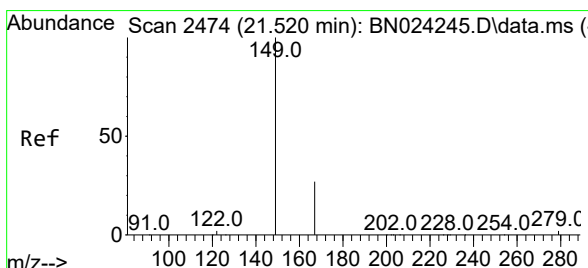
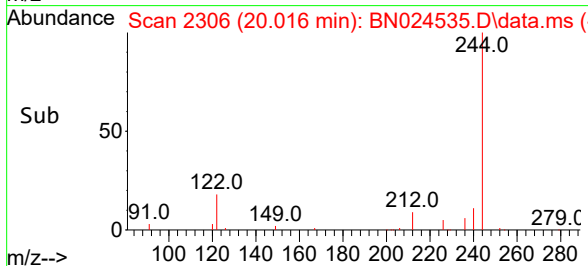
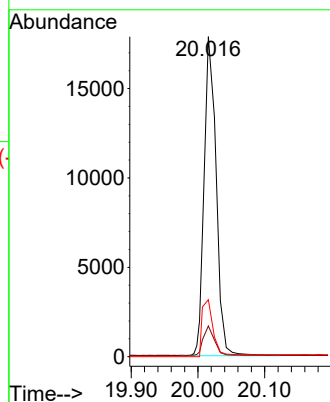
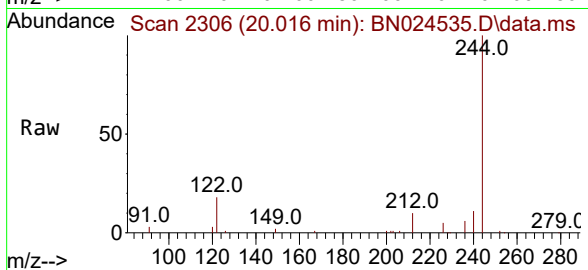
Tgt Ion:244 Resp: 19273

Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 17.8 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.484 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BN024535.D

Acq: 24 Mar 2023 07:43

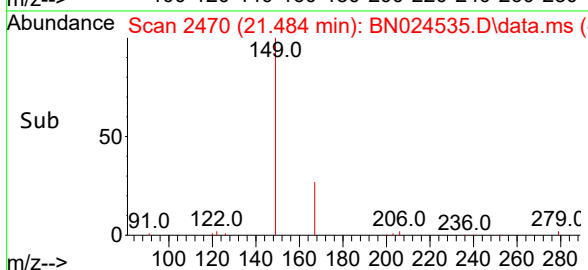
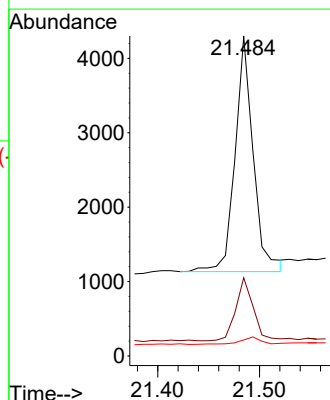
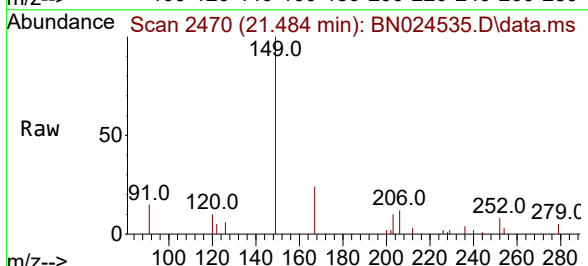
Tgt Ion:149 Resp: 3928

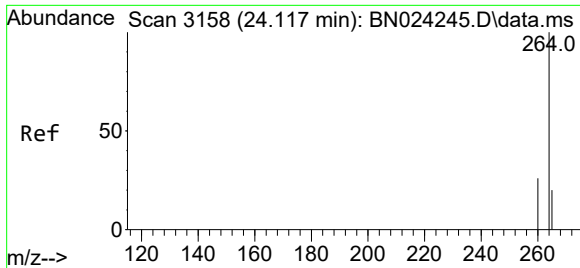
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 3.7 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.085 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN024535.D

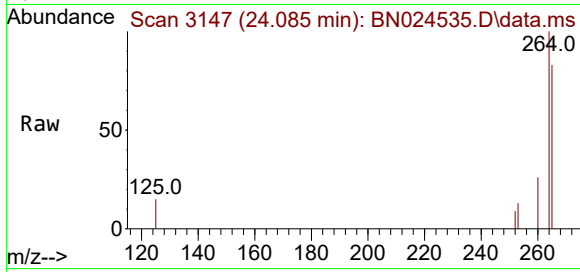
Acq: 24 Mar 2023 07:43

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230313



Tgt Ion:264 Resp: 15788

Ion Ratio Lower Upper

264 100

260 26.5 21.4 32.2

265 83.4 35.7 53.5#

