

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024294.D
 Acq On : 15 Mar 2023 15:30
 Operator : CG/JU
 Sample : 01843-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306

Quant Time: Mar 16 01:18:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

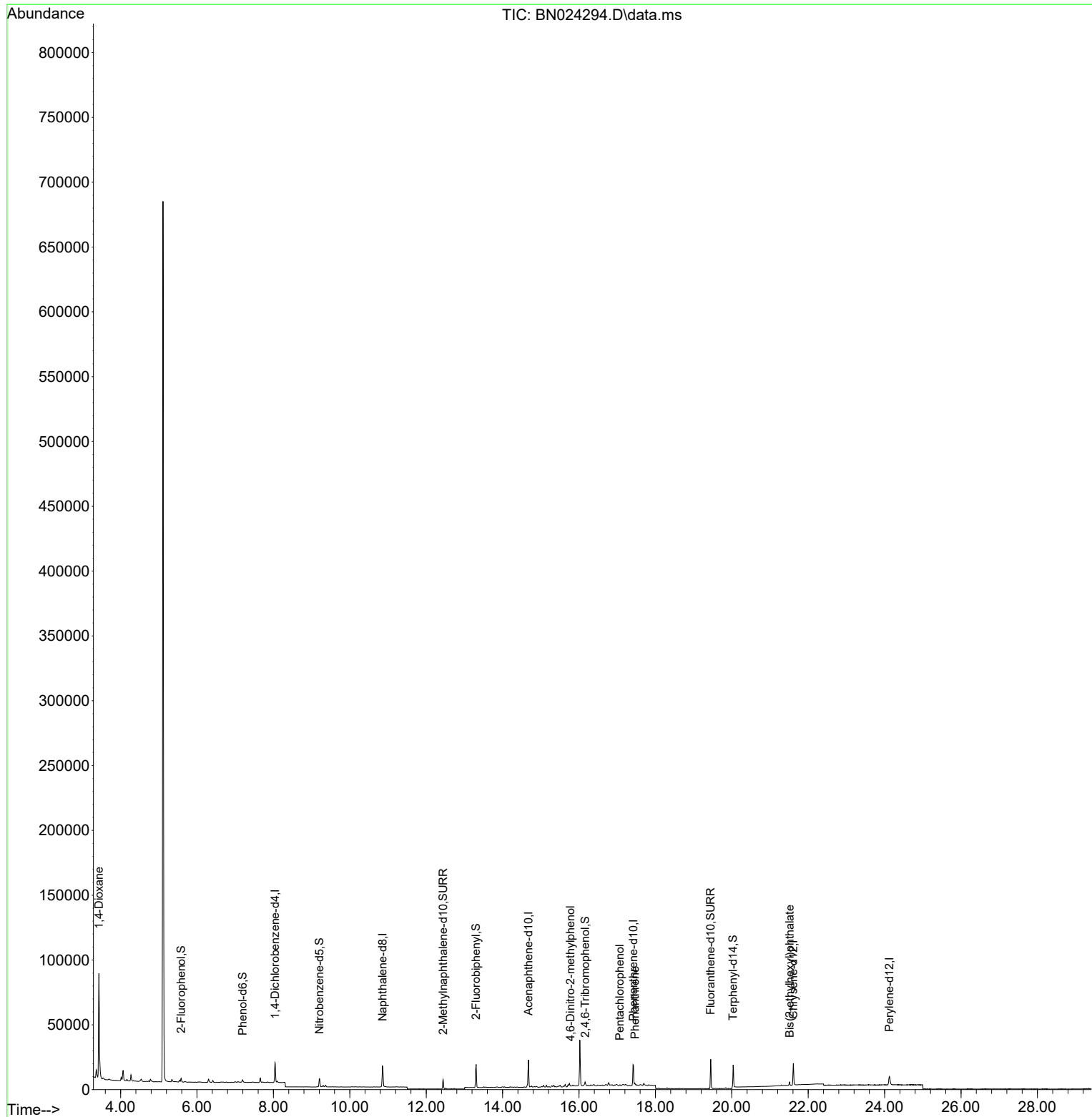
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7278	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21591	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10967	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	23429	0.400	ng	0.00
29) Chrysene-d12	21.610	240	15898	0.400	ng	# 0.00
35) Perylene-d12	24.123	264	12144	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2297	0.143	ng	0.00
5) Phenol-d6	7.195	99	1664	0.080	ng	0.00
8) Nitrobenzene-d5	9.200	82	5520	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	9695	0.365	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1535	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	15314	0.370	ng	0.00
27) Fluoranthene-d10	19.446	212	22625	0.456	ng	0.00
31) Terphenyl-d14	20.033	244	13559	0.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	52374	6.614	ng	98
20) 4,6-Dinitro-2-methylph...	15.774	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	22	0.131	ng	92
25) Phenanthrene	17.462	178	1795	0.026	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.511	149	2464	0.099	ng	# 97

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

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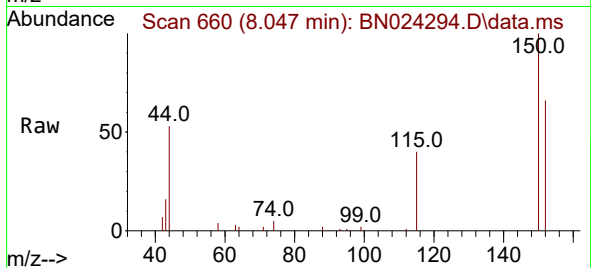
Quant Time: Mar 16 01:18:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 16 01:06:57 2023
Response via : Initial Calibration



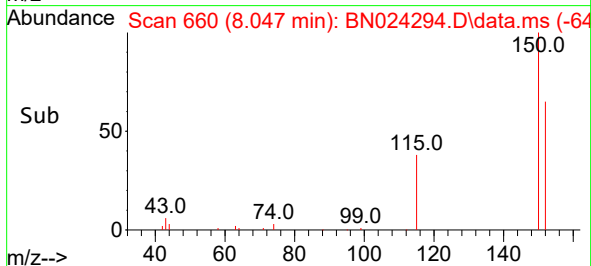
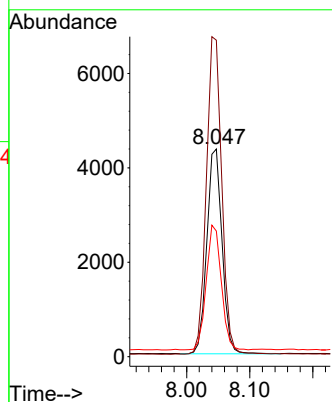


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.007 min
 Lab File: BN024294.D
 Acq: 15 Mar 2023 15:30

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306

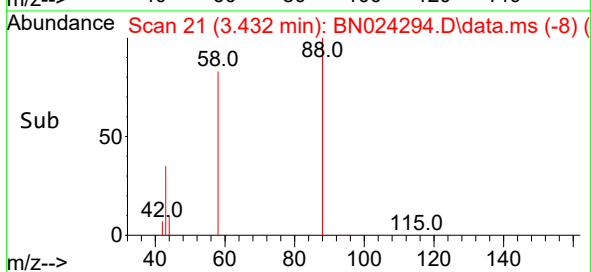
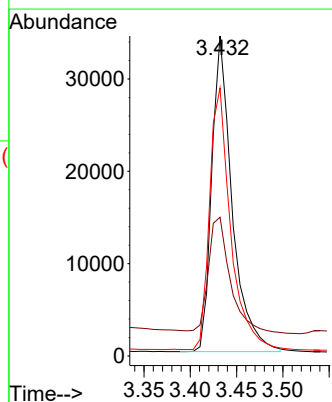
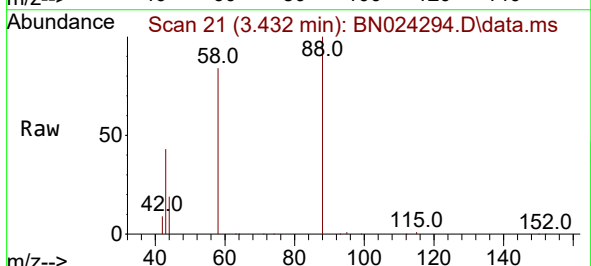


Tgt Ion:152 Resp: 7278
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.7 187.1
 115 60.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 6.614 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024294.D
 Acq: 15 Mar 2023 15:30

Tgt Ion: 88 Resp: 52374
 Ion Ratio Lower Upper
 88 100
 43 39.0 29.0 43.4
 58 85.2 67.3 100.9





#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306

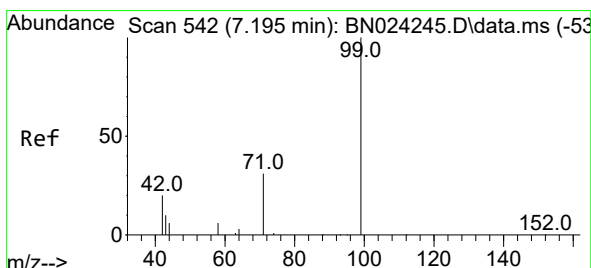
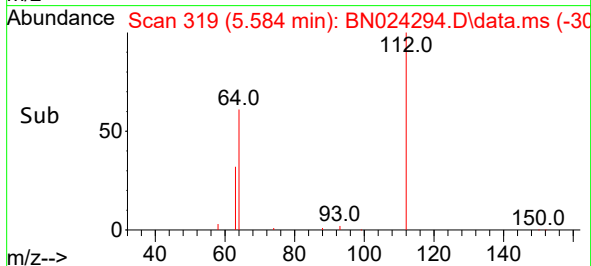
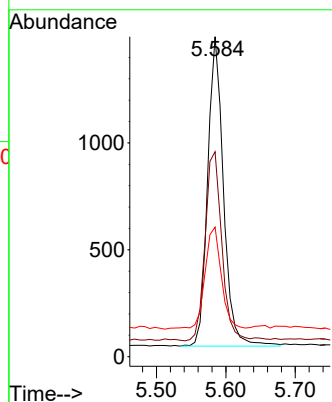
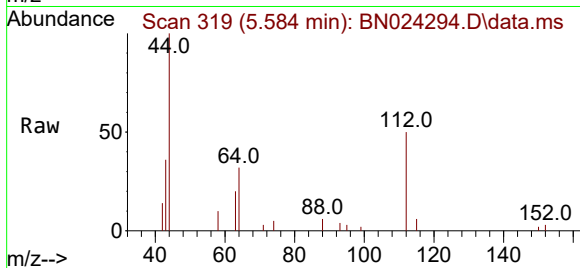
Tgt Ion:112 Resp: 2297

Ion Ratio Lower Upper

112 100

64 64.1 49.0 73.6

63 34.2 25.7 38.5



#5

Phenol-d6

Concen: 0.080 ng

RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

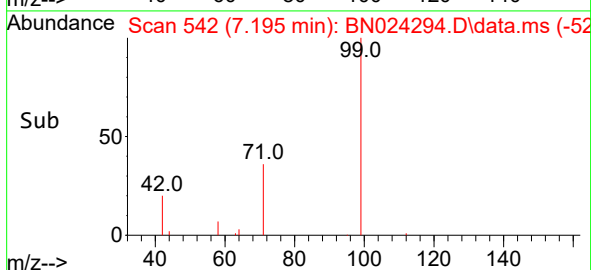
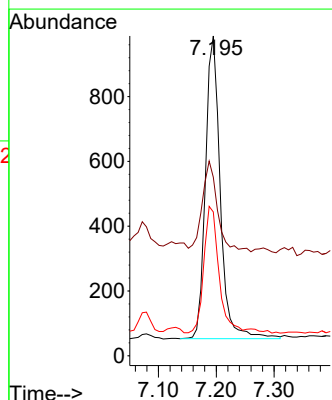
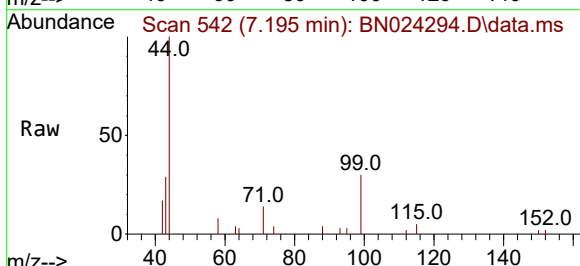
Tgt Ion: 99 Resp: 1664

Ion Ratio Lower Upper

99 100

42 31.1 20.1 30.1#

71 42.6 25.8 38.8#

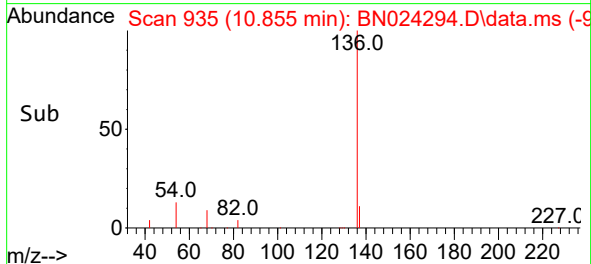
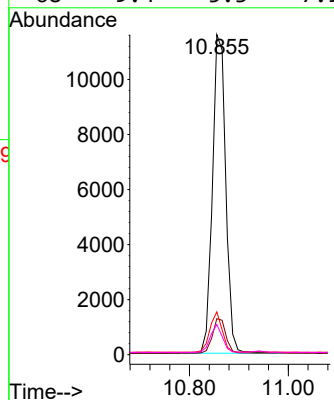
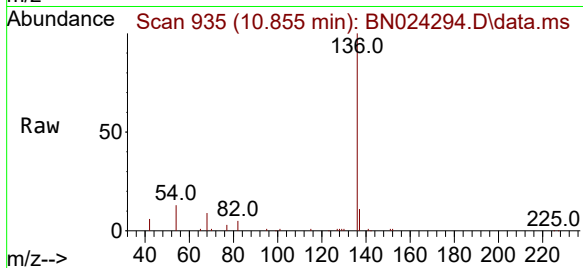




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

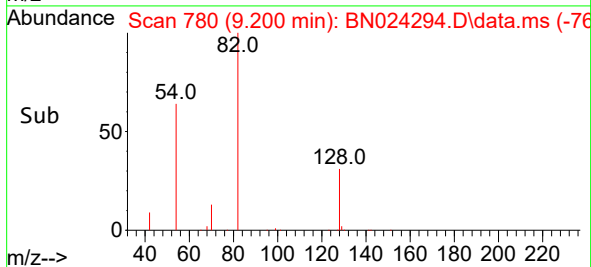
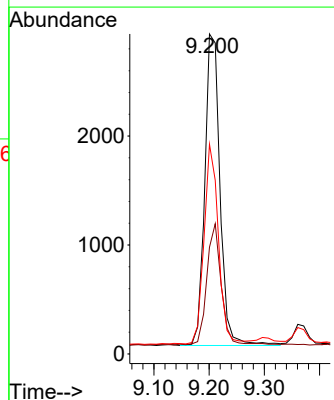
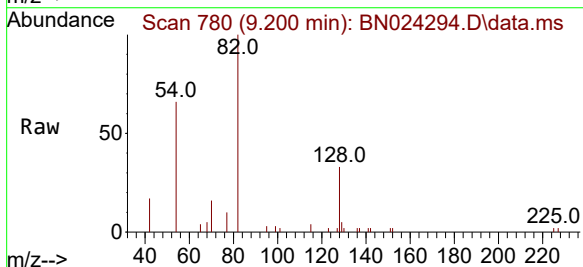
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

Tgt Ion:	136	Resp:	21591
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	13.4	7.1	10.7#
68	9.4	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

Tgt Ion:	82	Resp:	5520
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.4	48.6
54	65.5	45.2	67.8

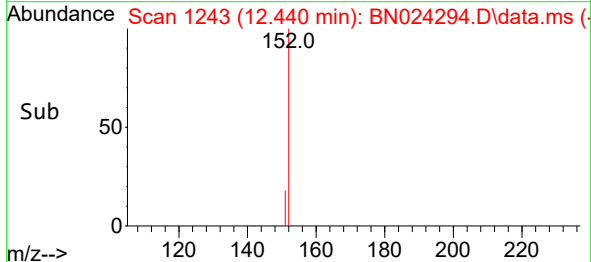
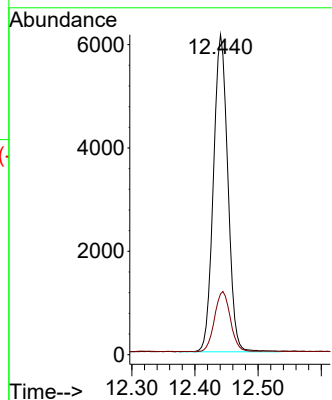
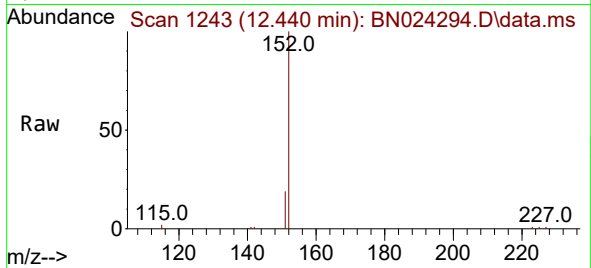




#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.440 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

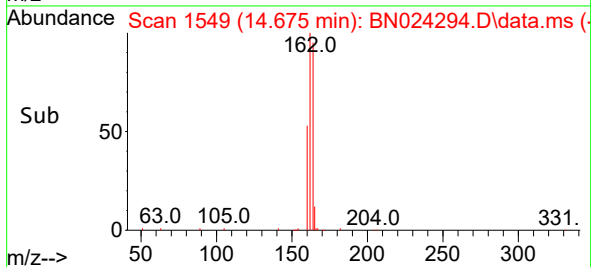
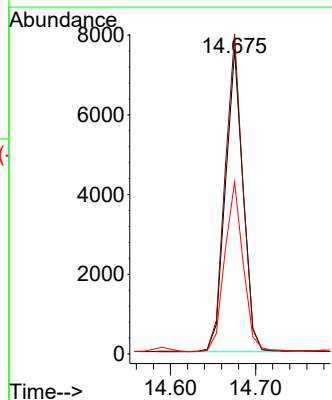
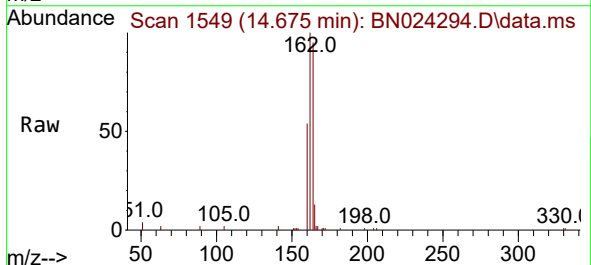
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

Tgt Ion:152 Resp: 9695
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

Tgt Ion:164 Resp: 10967
Ion Ratio Lower Upper
164 100
162 105.1 84.7 127.1
160 56.5 44.6 66.8

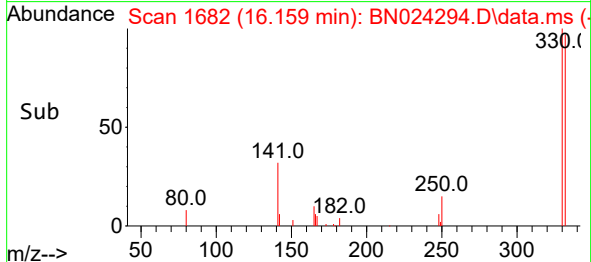
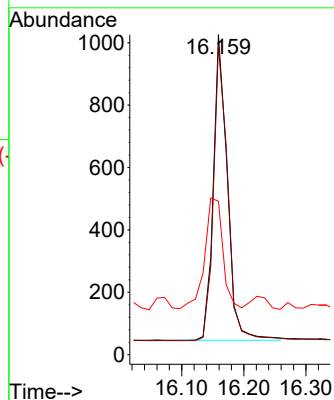
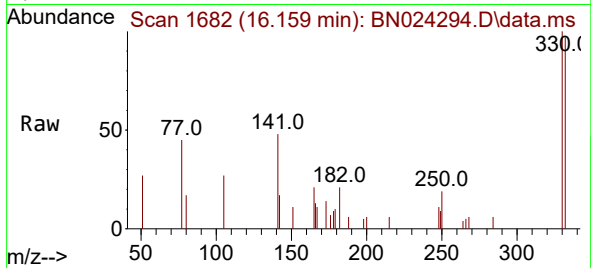




#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

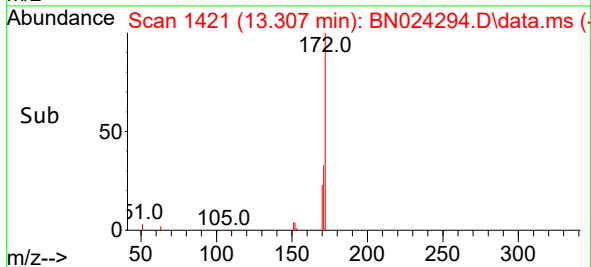
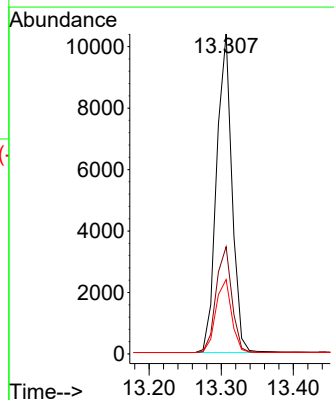
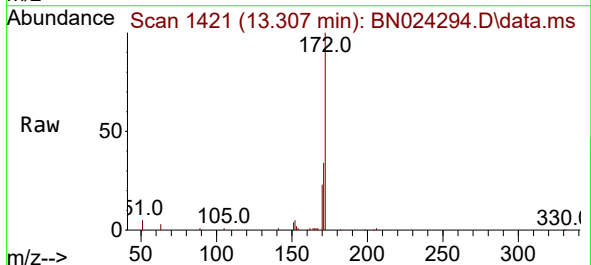
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

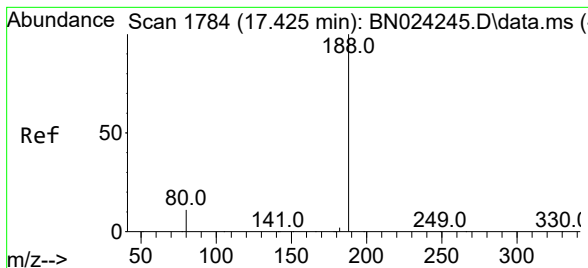
Tgt Ion: 330 Resp: 1535
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 46.8 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

Tgt Ion: 172 Resp: 15314
Ion Ratio Lower Upper
172 100
171 33.5 27.8 41.8
170 23.3 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306

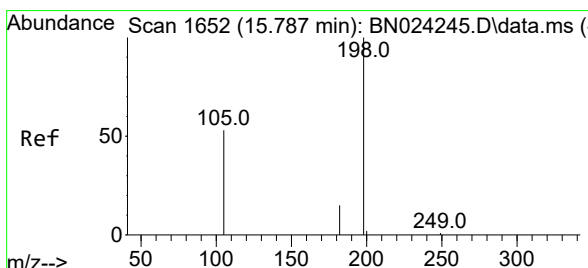
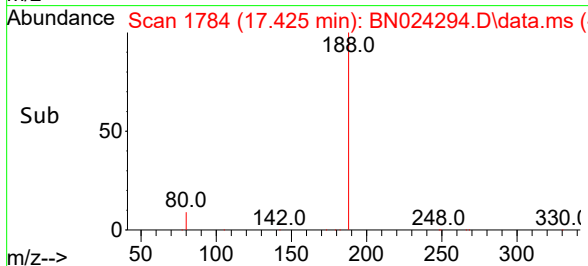
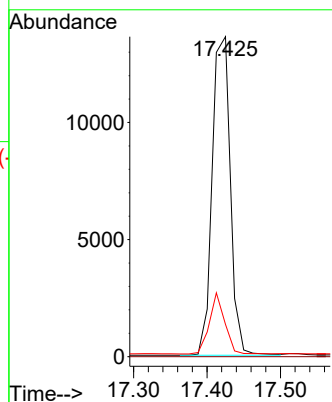
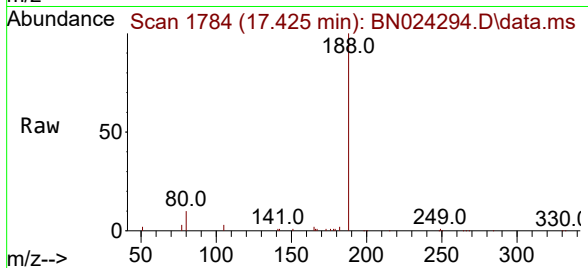
Tgt Ion:188 Resp: 23429

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.012 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

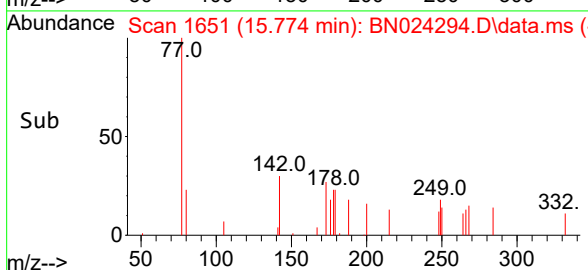
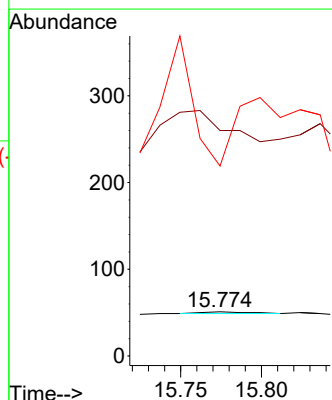
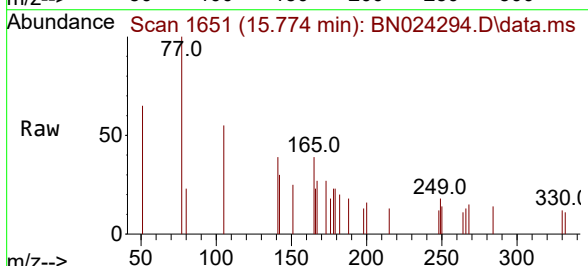
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 509.8 68.2 102.2#

105 429.4 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

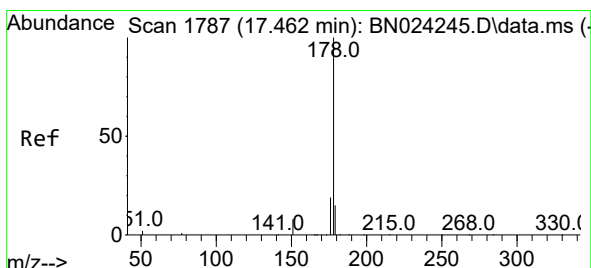
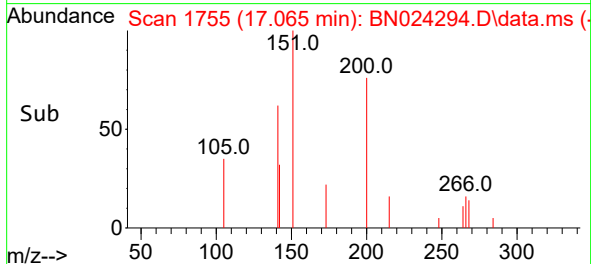
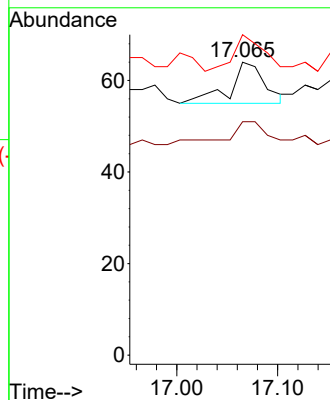
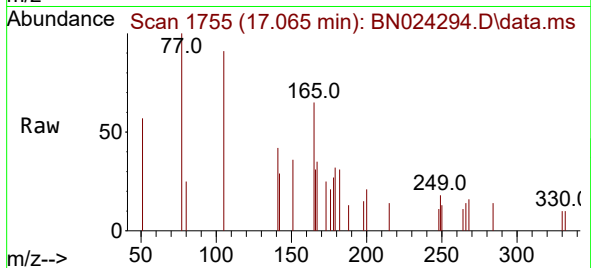
Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306

Tgt Ion:	266	Resp:	22
Ion Ratio	Lower	Upper	
266	100		
264	63.6	51.1	76.7
268	77.3	52.2	78.4



#25

Phenanthrene

Concen: 0.026 ng

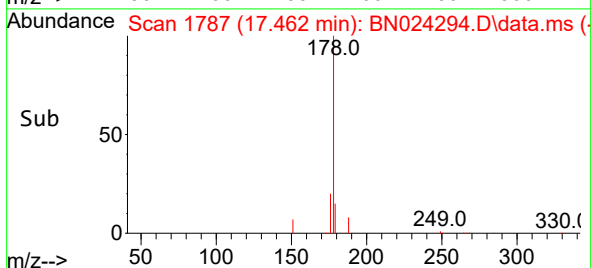
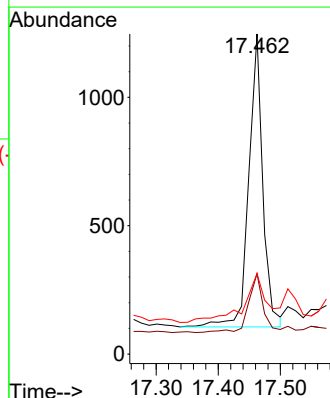
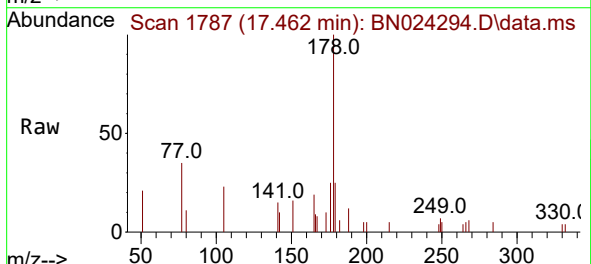
RT: 17.462 min Scan# 1787

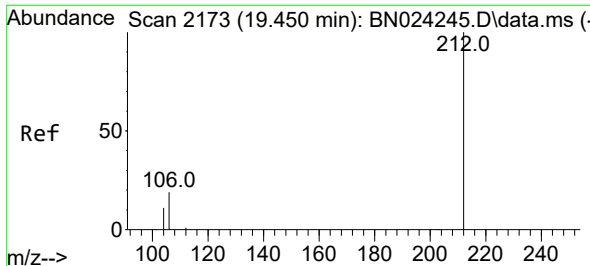
Delta R.T. -0.000 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

Tgt Ion:	178	Resp:	1795
Ion Ratio	Lower	Upper	
178	100		
176	20.8	15.4	23.0
179	26.1	12.2	18.2

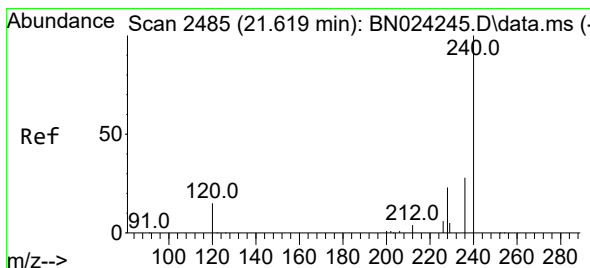
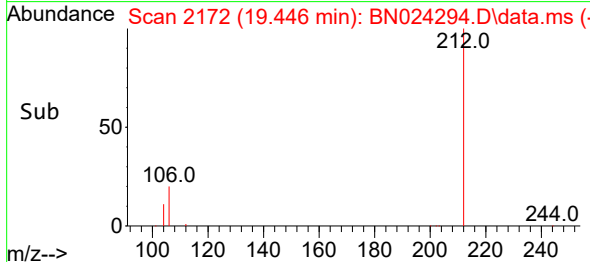
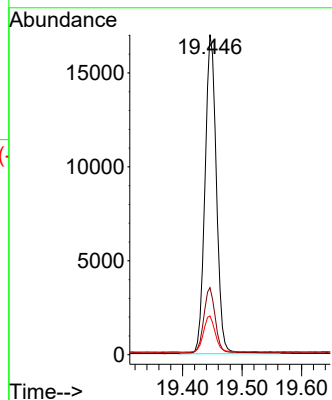
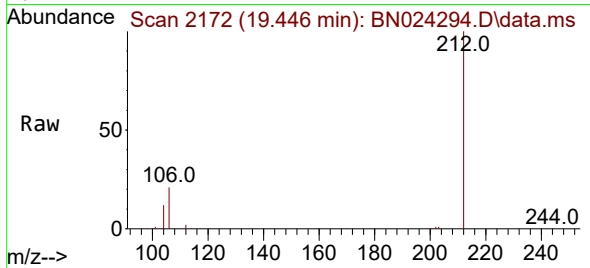




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

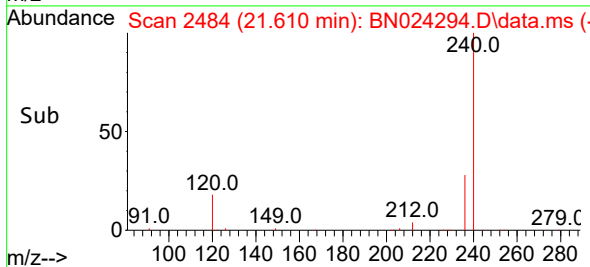
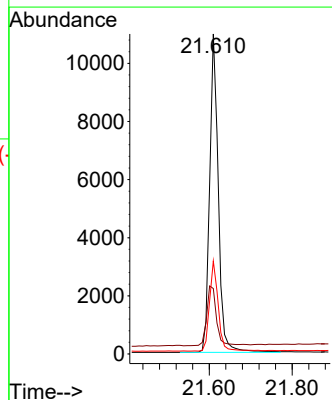
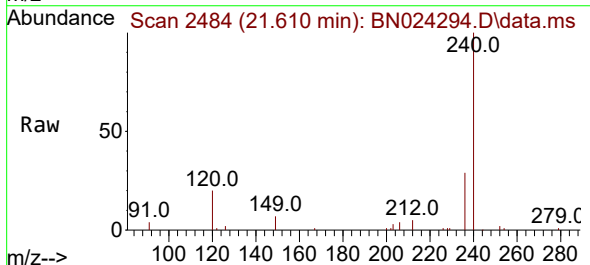
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

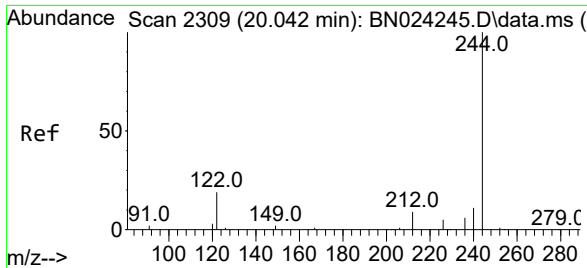
Tgt Ion:212 Resp: 22625
Ion Ratio Lower Upper
212 100
106 20.2 15.4 23.2
104 11.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

Tgt Ion:240 Resp: 15898
Ion Ratio Lower Upper
240 100
120 20.4 12.8 19.2#
236 29.0 22.5 33.7





#31

Terphenyl-d14

Concen: 0.506 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306

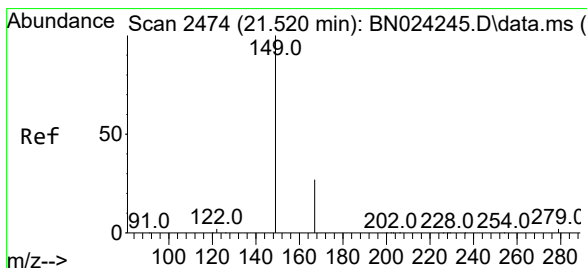
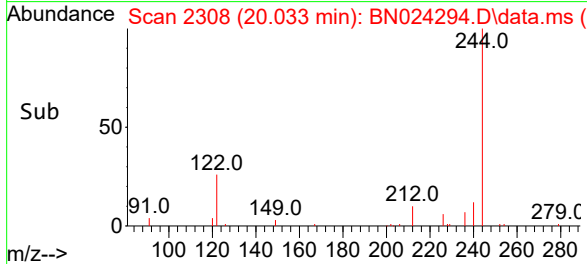
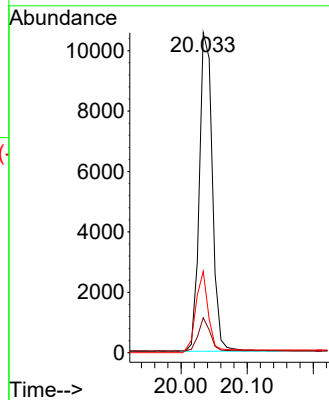
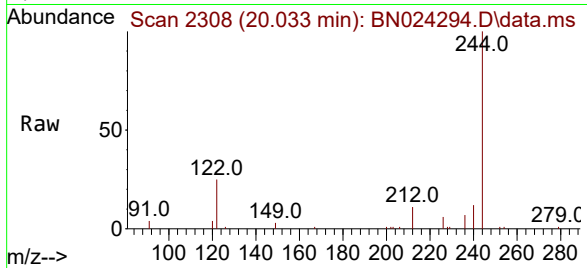
Tgt Ion:244 Resp: 13559

Ion Ratio Lower Upper

244 100

212 10.9 7.6 11.4

122 25.4 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.099 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.000 min

Lab File: BN024294.D

Acq: 15 Mar 2023 15:30

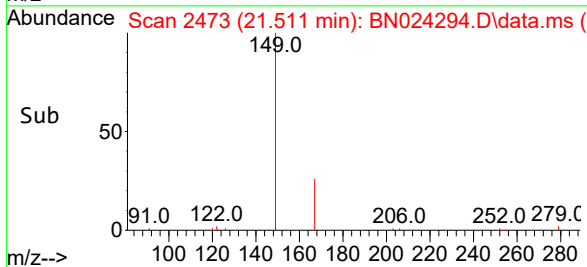
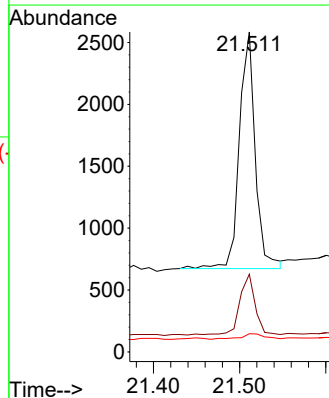
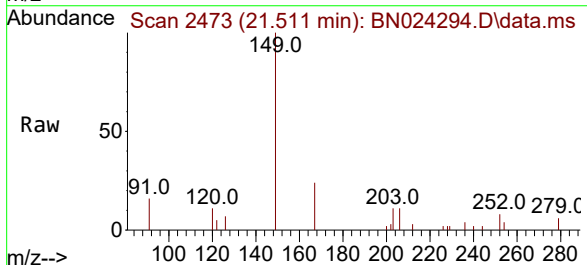
Tgt Ion:149 Resp: 2464

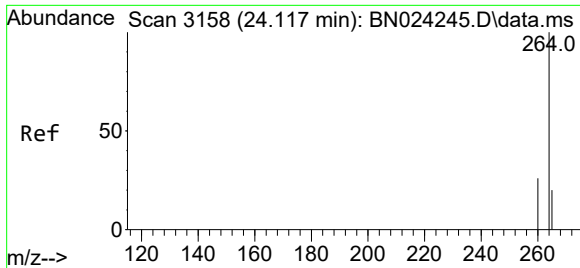
Ion Ratio Lower Upper

149 100

167 25.1 21.2 31.8

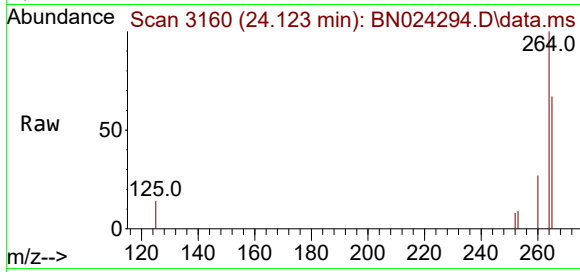
279 3.6 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN024294.D
 Acq: 15 Mar 2023 15:30

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306



Tgt Ion:264 Resp: 12144

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	66.7	35.7	53.5

