

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027286.D
 Acq On : 30 Aug 2023 22:59
 Operator : MA/JU
 Sample : 04095-14DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230818DL

Quant Time: Aug 31 04:30:35 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)

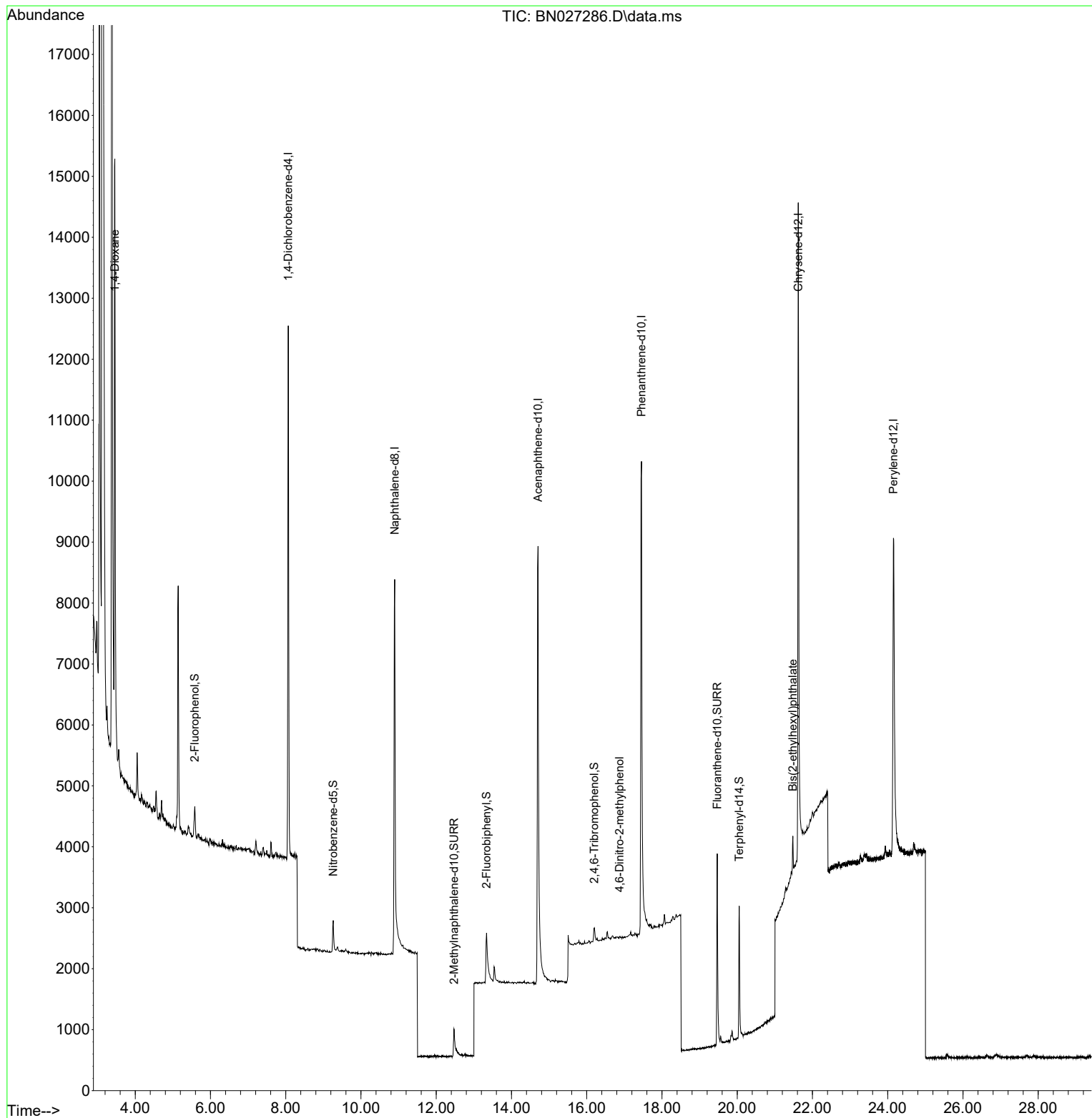
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4440	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	11052	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6820	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	16700	0.400	ng	# 0.01
29) Chrysene-d12	21.623	240	12853	0.400	ng	0.00
35) Perylene-d12	24.154	264	11043	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	387	0.033	ng	0.00
5) Phenol-d6	7.207	99	242	0.017	ng	0.00
8) Nitrobenzene-d5	9.262	82	546	0.068	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	1114	0.069	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	229	0.091	ng	0.01
15) 2-Fluorobiphenyl	13.336	172	1480	0.057	ng	0.01
27) Fluoranthene-d10	19.467	212	4124	0.099	ng	0.00
31) Terphenyl-d14	20.053	244	2592	0.100	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	7448	1.374	ng	# 93
20) 4,6-Dinitro-2-methylph...	16.872	198	5	0.021	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.480	149	646	0.030	ng	94

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

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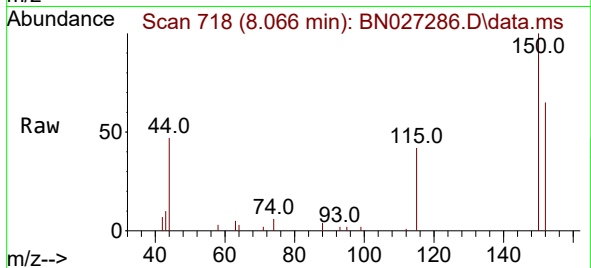
Quant Time: Aug 31 04:30:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



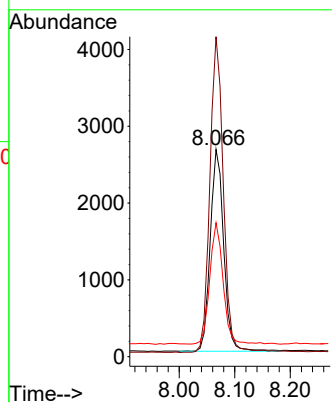
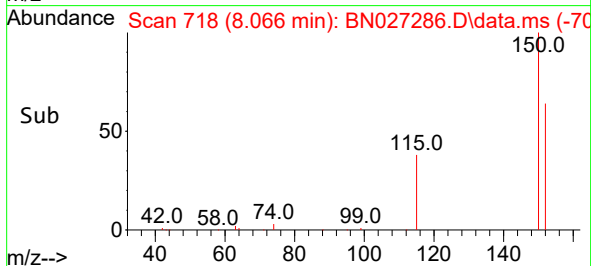


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818DL

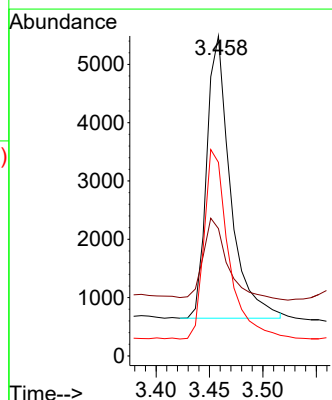
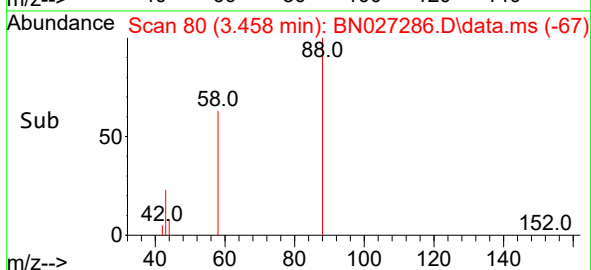
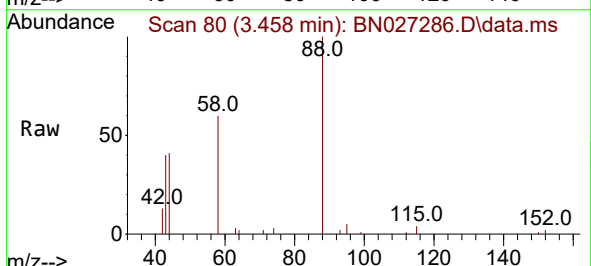


Tgt Ion:152 Resp: 4440
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 64.6 48.6 73.0



#2
1,4-Dioxane
Concen: 1.374 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

Tgt Ion: 88 Resp: 7448
Ion Ratio Lower Upper
88 100
43 29.1 19.1 28.7#
58 69.9 52.2 78.2





#4

2-Fluorophenol

Concen: 0.033 ng

RT: 5.582 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027286.D

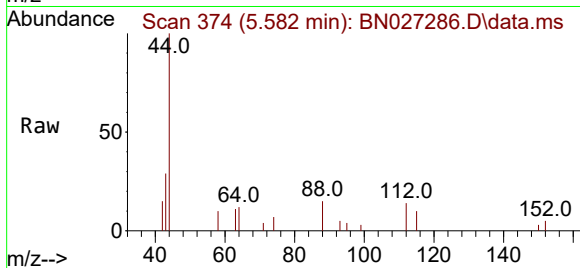
Acq: 30 Aug 2023 22:59

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230818DL



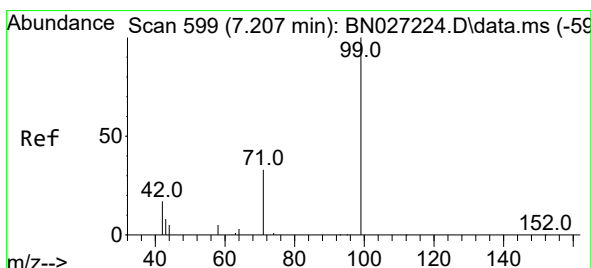
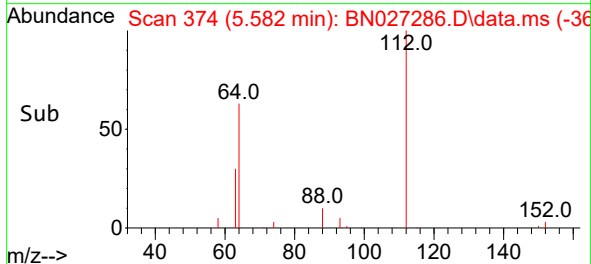
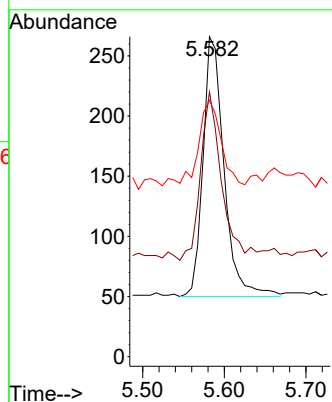
Tgt Ion:112 Resp: 387

Ion Ratio Lower Upper

112 100

64 65.9 44.4 66.6

63 36.7 23.1 34.7#



#5

Phenol-d6

Concen: 0.017 ng

RT: 7.207 min Scan# 599

Delta R.T. 0.000 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

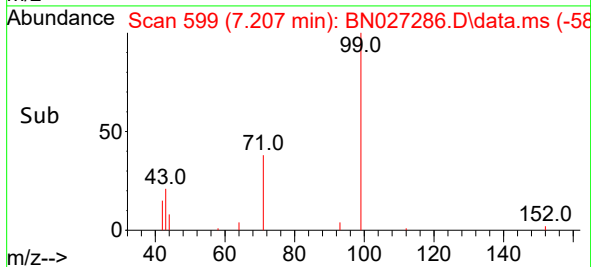
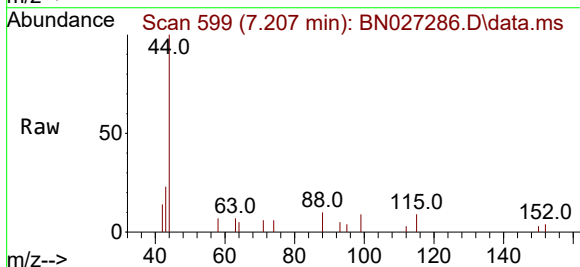
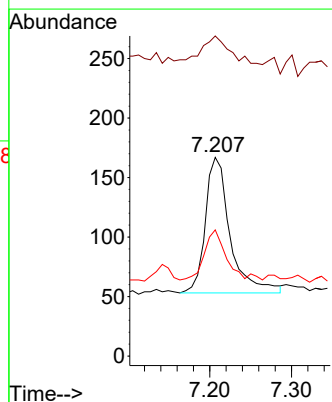
Tgt Ion: 99 Resp: 242

Ion Ratio Lower Upper

99 100

42 29.8 14.5 21.7#

71 36.0 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.896 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230818DL

Tgt Ion:136 Resp: 11052

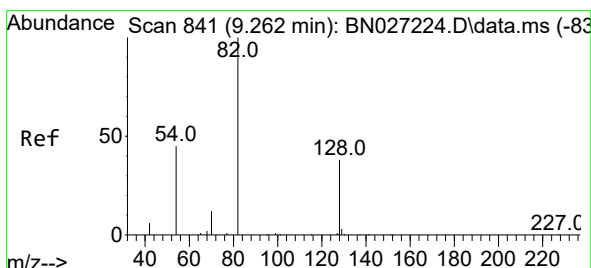
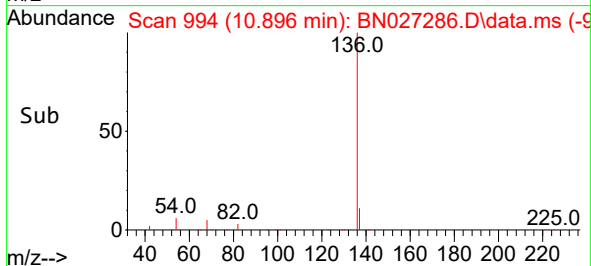
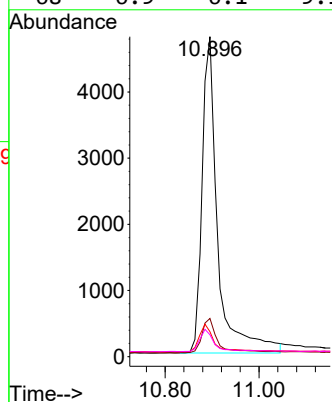
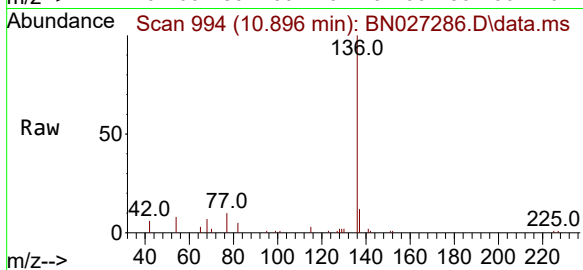
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 7.8 6.7 10.1

68 6.9 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.068 ng

RT: 9.262 min Scan# 841

Delta R.T. 0.000 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

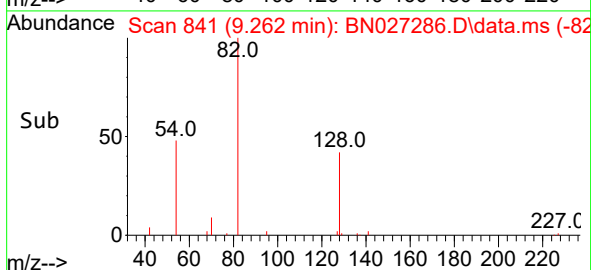
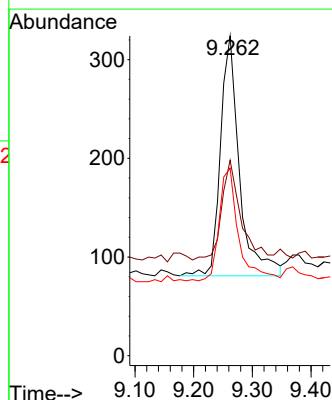
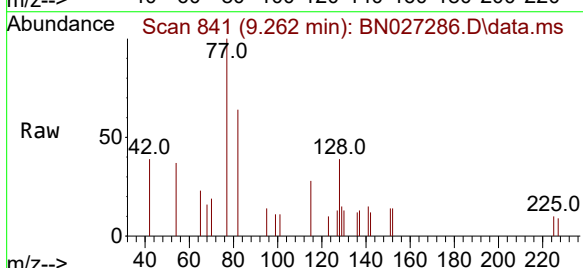
Tgt Ion: 82 Resp: 546

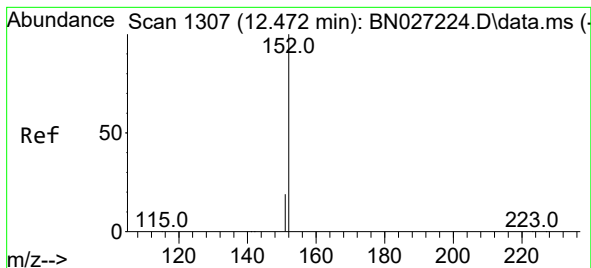
Ion Ratio Lower Upper

82 100

128 61.1 33.4 50.0#

54 58.6 37.7 56.5#

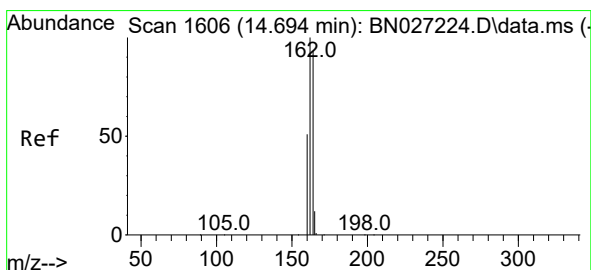
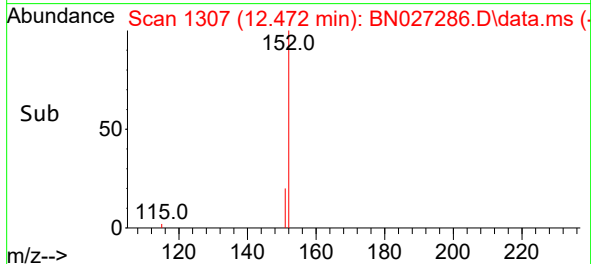
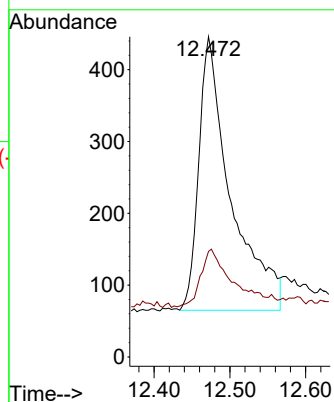
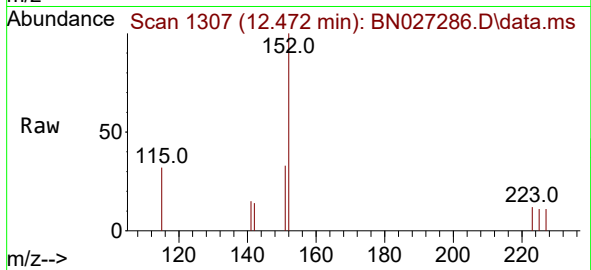




#11
2-Methylnaphthalene-d10
Concen: 0.069 ng
RT: 12.472 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

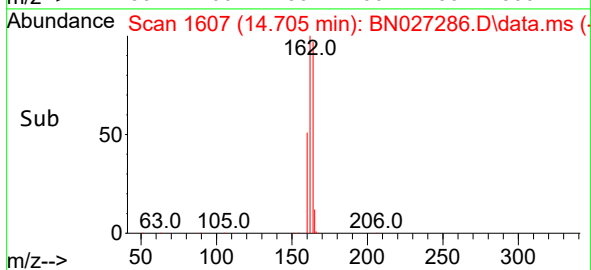
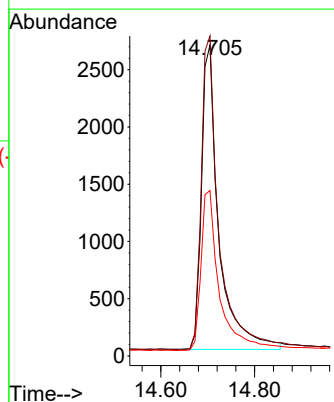
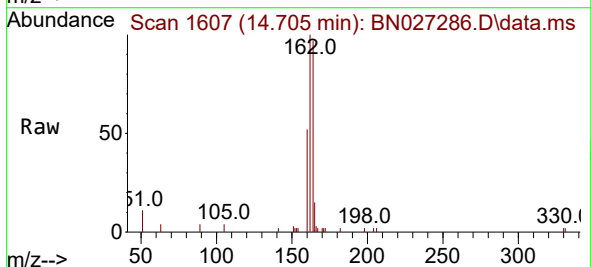
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818DL

Tgt Ion:152 Resp: 1114
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

Tgt Ion:164 Resp: 6820
Ion Ratio Lower Upper
164 100
162 103.0 85.8 128.8
160 53.2 44.2 66.2

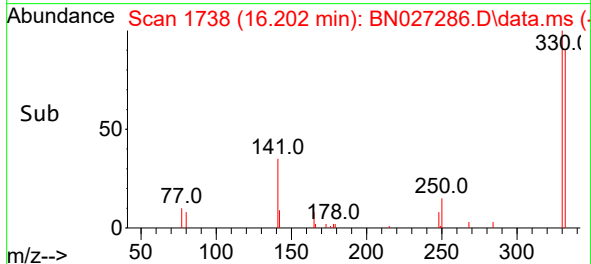
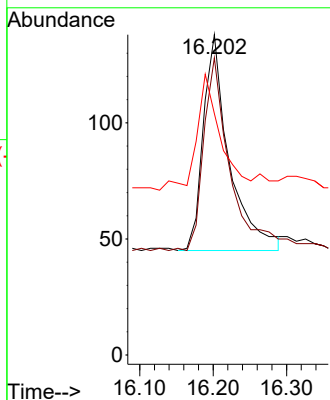
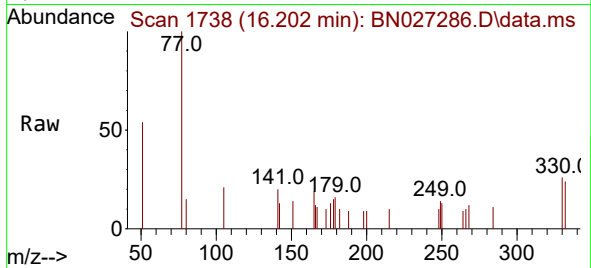




#14
2,4,6-Tribromophenol
Concen: 0.091 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.013 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

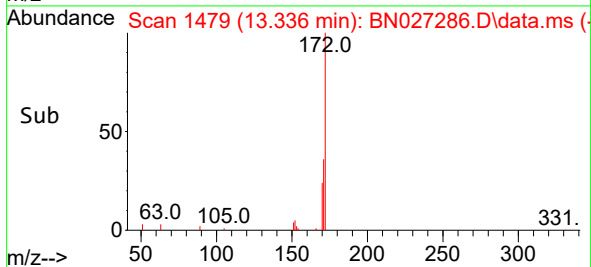
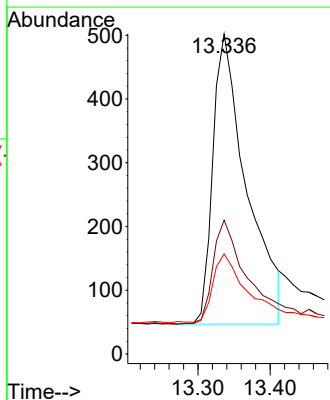
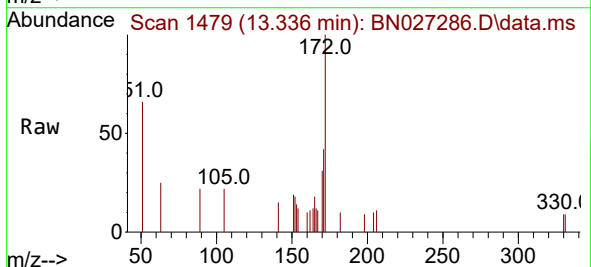
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818DL

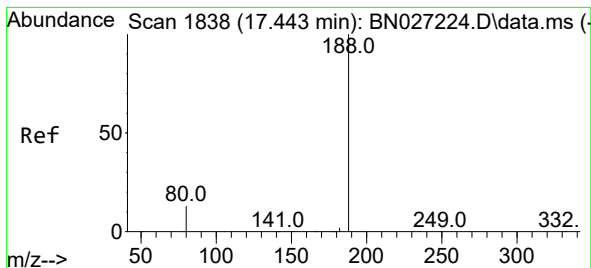
Tgt Ion:330 Resp: 229
Ion Ratio Lower Upper
330 100
332 89.5 75.2 112.8
141 48.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.057 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.011 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

Tgt Ion:172 Resp: 1480
Ion Ratio Lower Upper
172 100
171 41.8 27.8 41.8#
170 31.3 19.3 28.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 1839

Delta R.T. 0.012 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230818DL

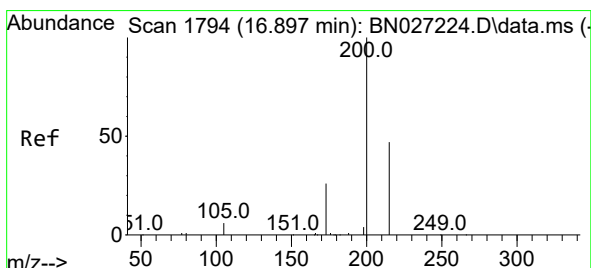
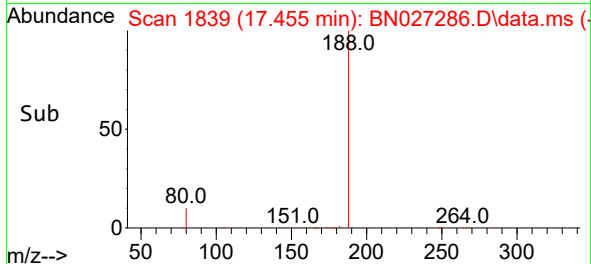
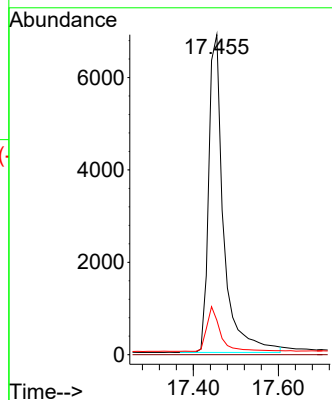
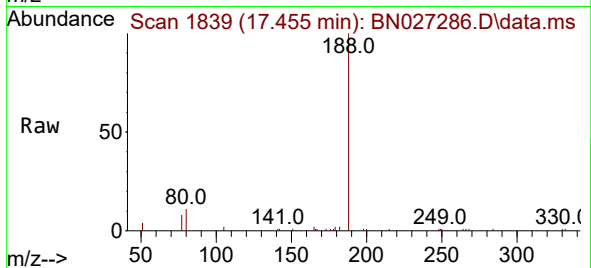
Tgt Ion:188 Resp: 16700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 11.0 16.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.021 ng

RT: 16.872 min Scan# 1792

Delta R.T. -0.025 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

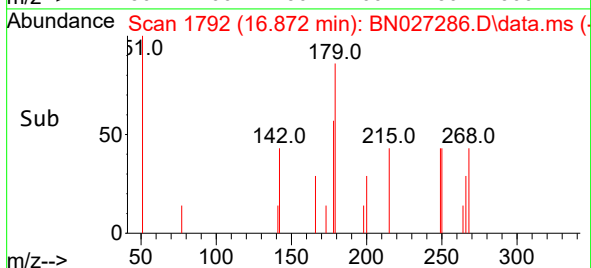
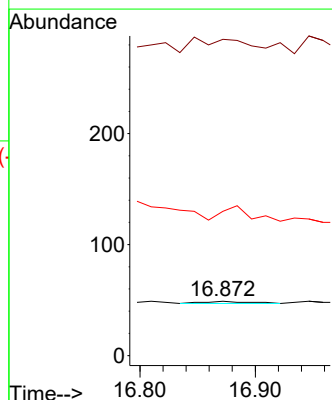
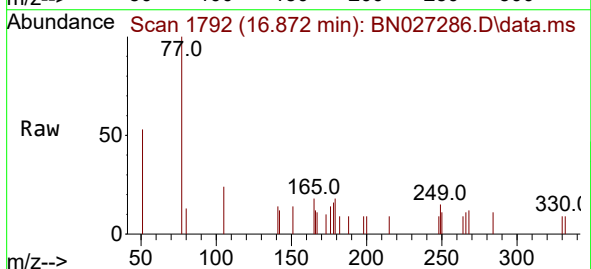
Tgt Ion:198 Resp: 5

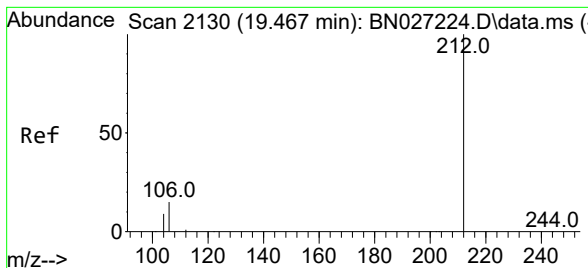
Ion Ratio Lower Upper

198 100

51 581.6 282.2 423.2#

105 265.3 168.7 253.1#





#27

Fluoranthene-d10

Concen: 0.099 ng

RT: 19.467 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230818DL

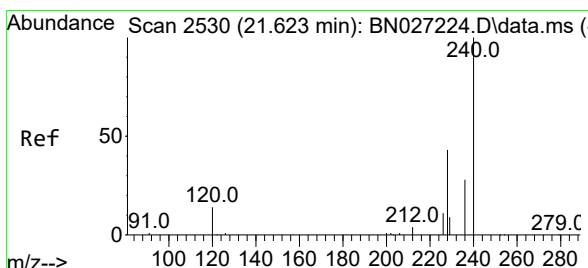
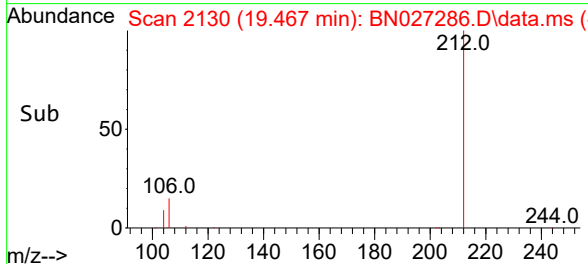
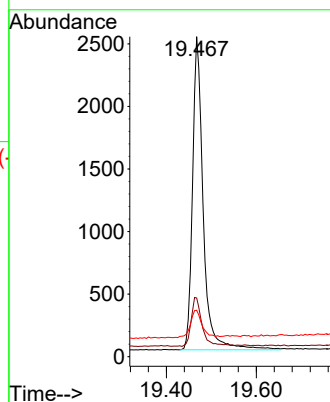
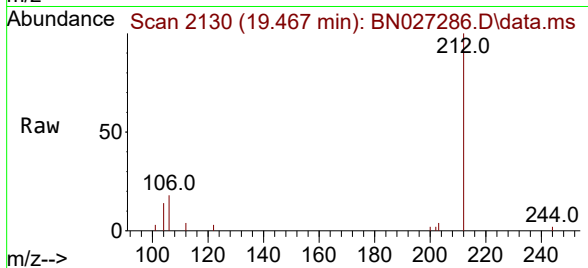
Tgt Ion:212 Resp: 4124

Ion Ratio Lower Upper

212 100

106 16.0 12.1 18.1

104 9.5 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BN027286.D

Acq: 30 Aug 2023 22:59

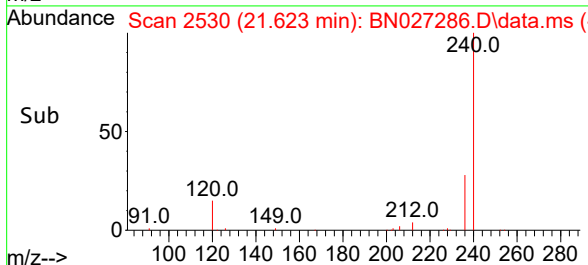
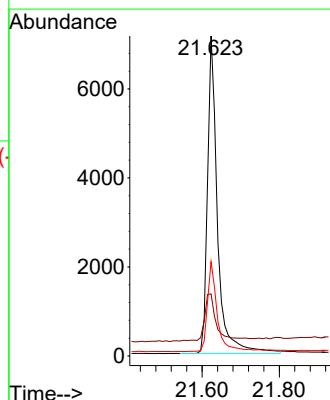
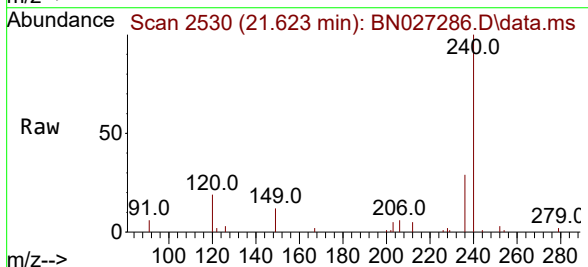
Tgt Ion:240 Resp: 12853

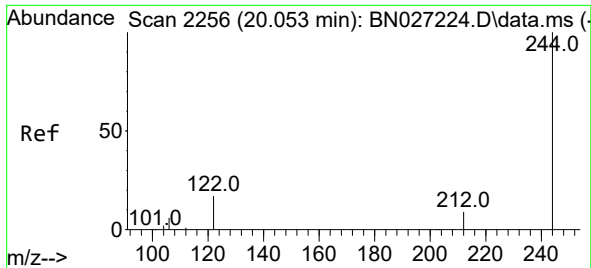
Ion Ratio Lower Upper

240 100

120 19.4 14.2 21.4

236 29.4 22.9 34.3

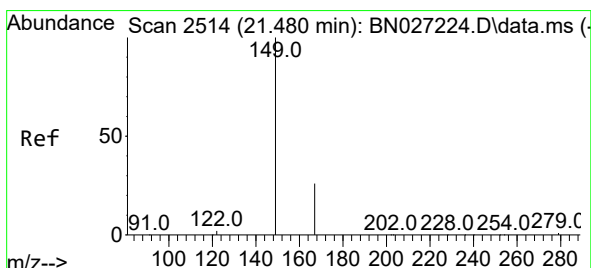
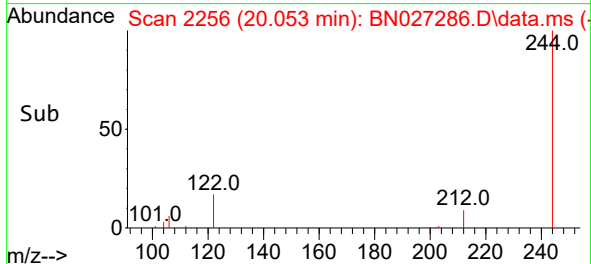
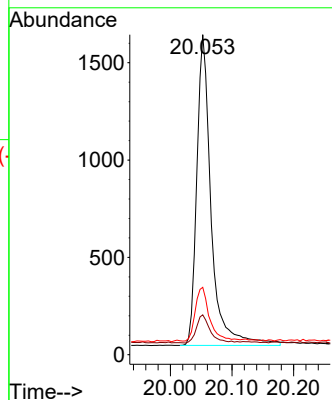
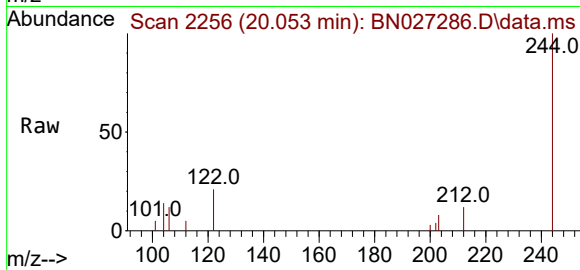




#31
Terphenyl-d14
Concen: 0.100 ng
RT: 20.053 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

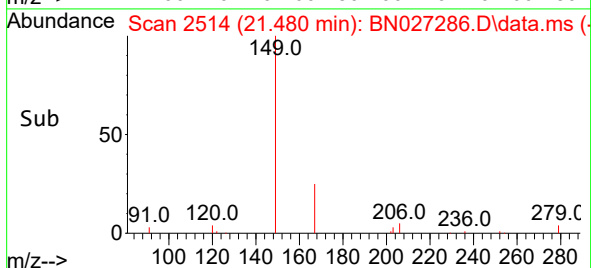
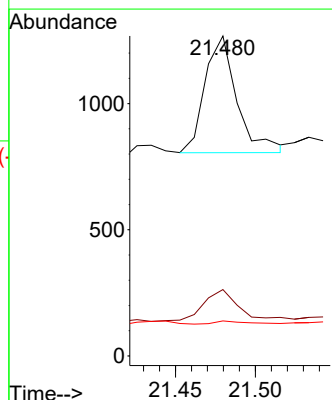
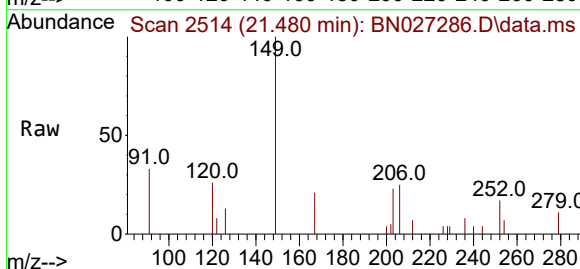
Instrument :
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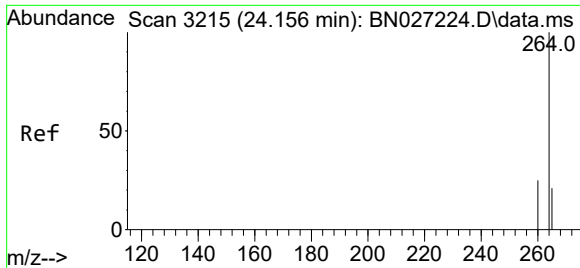
Tgt Ion:244 Resp: 2592
Ion Ratio Lower Upper
244 100
212 12.5 7.5 11.3#
122 21.0 14.0 21.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.030 ng
RT: 21.480 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BN027286.D
Acq: 30 Aug 2023 22:59

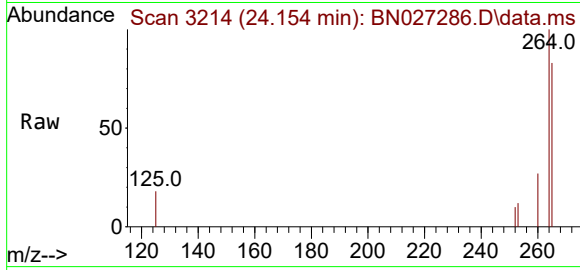
Tgt Ion:149 Resp: 646
Ion Ratio Lower Upper
149 100
167 31.1 22.1 33.1
279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.154 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN027286.D
 Acq: 30 Aug 2023 22:59

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230818DL



Tgt Ion:264 Resp: 11043

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.7	31.1
265	83.5	53.3	79.9

