

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027285.D
 Acq On : 30 Aug 2023 22:22
 Operator : MA/JU
 Sample : 04095-12DL 2X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230818DL

Quant Time: Aug 31 04:30:24 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)

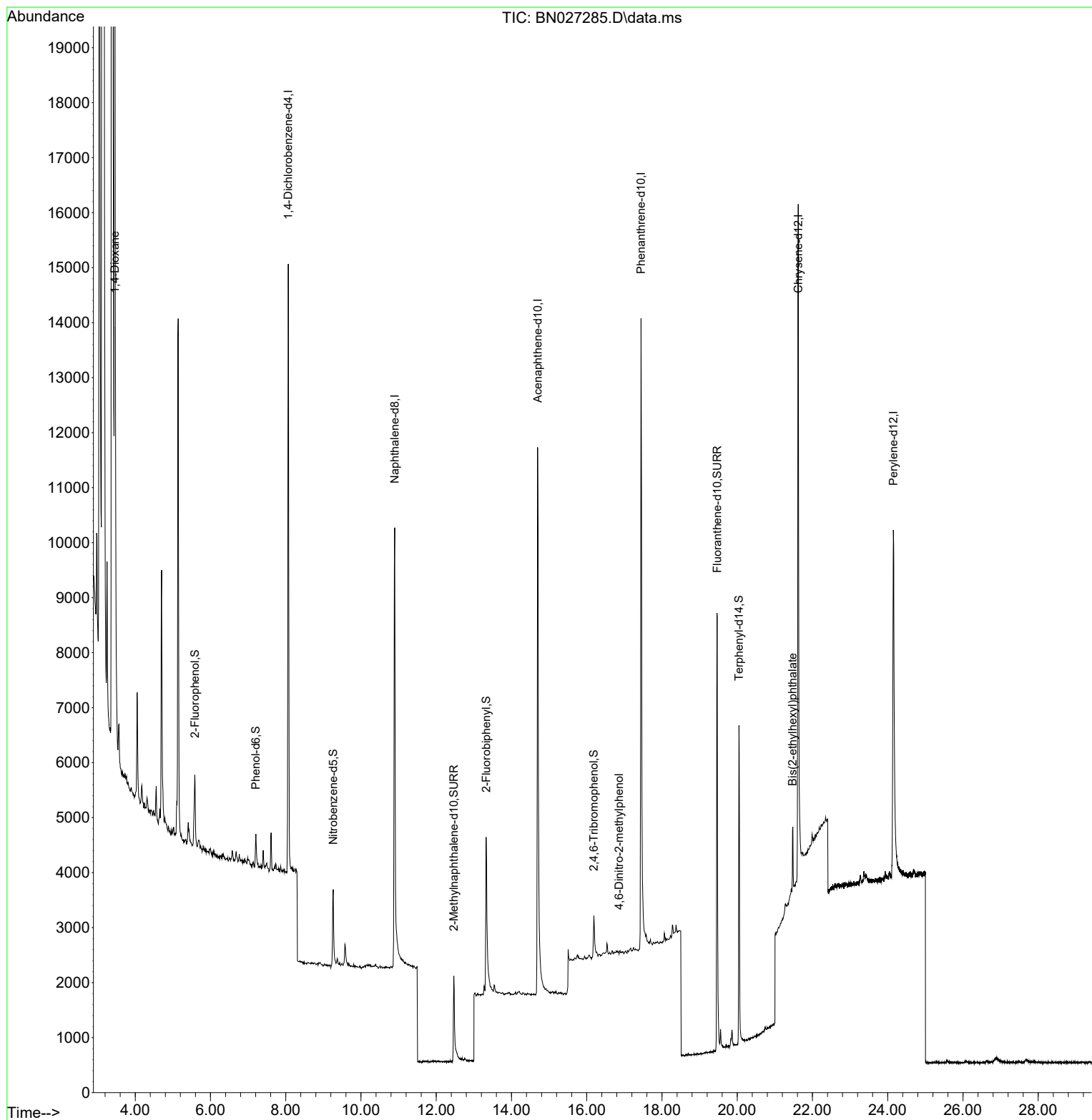
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5474	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	13646	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8086	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	19786	0.400	ng	0.00
29) Chrysene-d12	21.623	240	15019	0.400	ng	0.00
35) Perylene-d12	24.150	264	12744	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1044	0.073	ng	0.00
5) Phenol-d6	7.206	99	668	0.038	ng	0.00
8) Nitrobenzene-d5	9.262	82	1422	0.143	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	3384	0.169	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	562	0.188	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	4040	0.131	ng	0.00
27) Fluoranthene-d10	19.467	212	10257	0.209	ng	0.00
31) Terphenyl-d14	20.048	244	6297	0.209	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	20548	3.075	ng	Qvalue # 94
20) 4,6-Dinitro-2-methylph...	16.859	198	6	0.021	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.470	149	1358	0.055	ng	95

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

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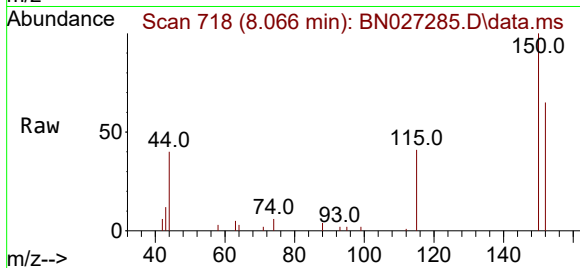
Quant Time: Aug 31 04:30:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



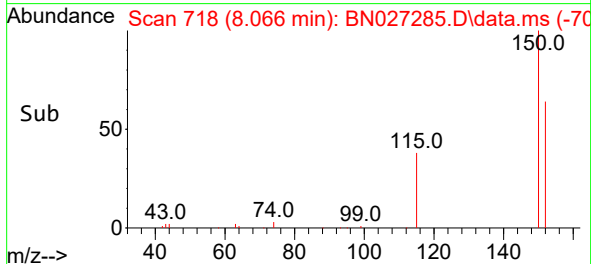
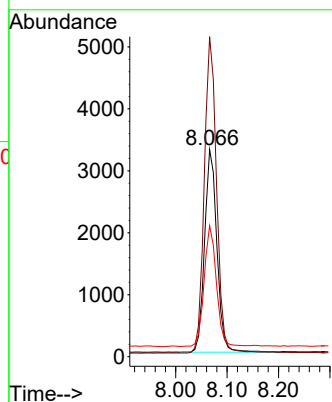


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818DL

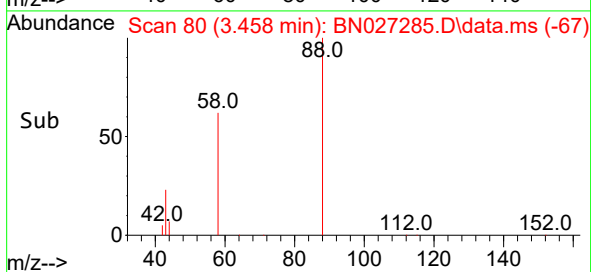
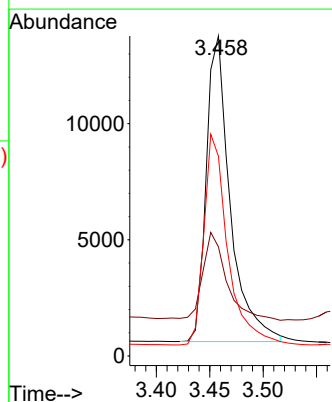
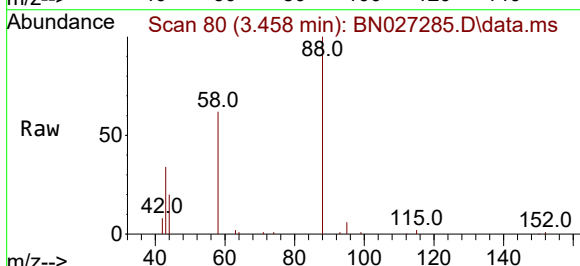


Tgt Ion:152 Resp: 5474
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 63.2 48.6 73.0



#2
1,4-Dioxane
Concen: 3.075 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

Tgt Ion: 88 Resp: 20548
Ion Ratio Lower Upper
88 100
43 28.9 19.1 28.7#
58 68.7 52.2 78.2

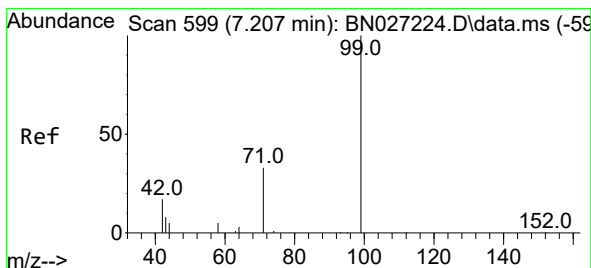
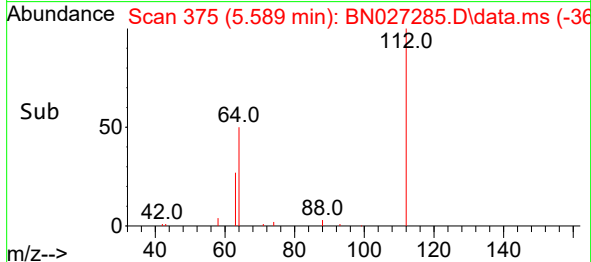
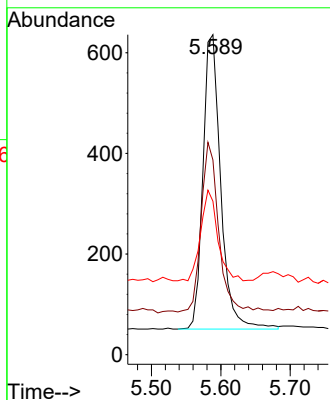
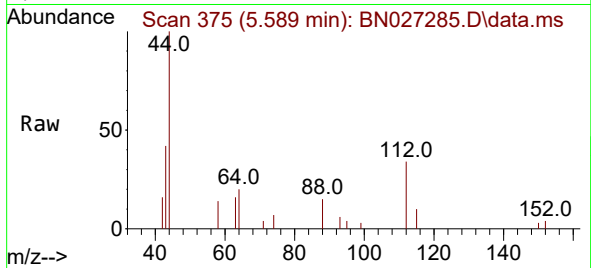




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

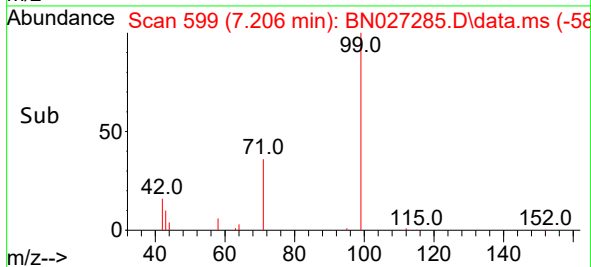
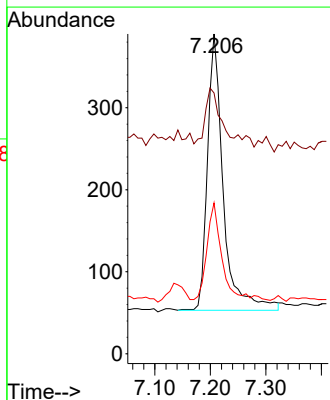
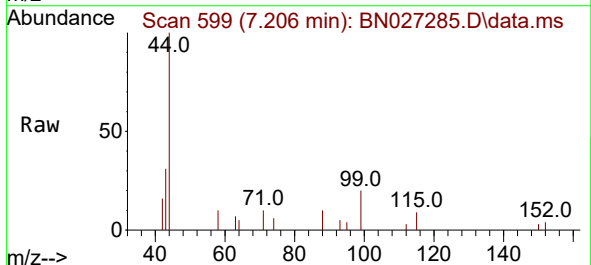
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818DL

Tgt Ion:112 Resp: 1044
Ion Ratio Lower Upper
112 100
64 57.1 44.4 66.6
63 29.3 23.1 34.7



#5
Phenol-d6
Concen: 0.038 ng
RT: 7.206 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

Tgt Ion: 99 Resp: 668
Ion Ratio Lower Upper
99 100
42 18.1 14.5 21.7
71 33.5 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. -0.000 min

Lab File: BN027285.D

Acq: 30 Aug 2023 22:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230818DL

Tgt Ion:136 Resp: 13646

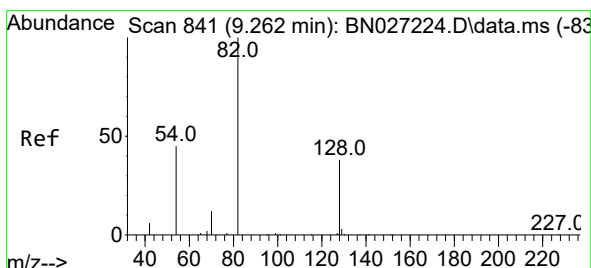
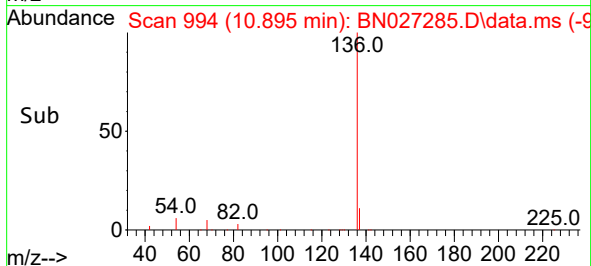
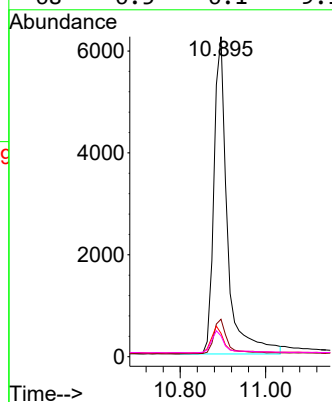
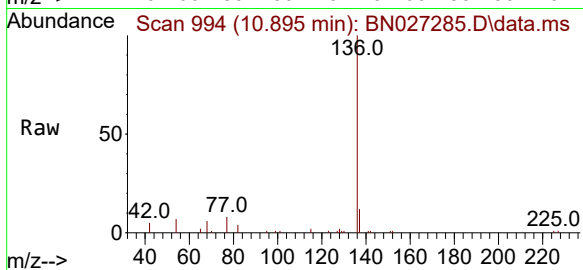
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.3 6.7 10.1

68 6.5 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.143 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.000 min

Lab File: BN027285.D

Acq: 30 Aug 2023 22:22

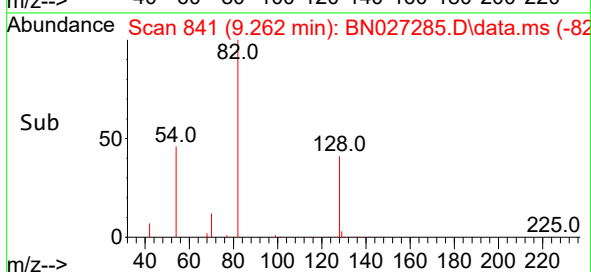
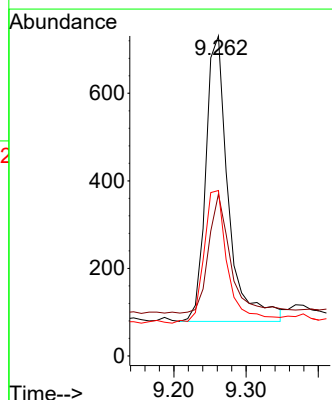
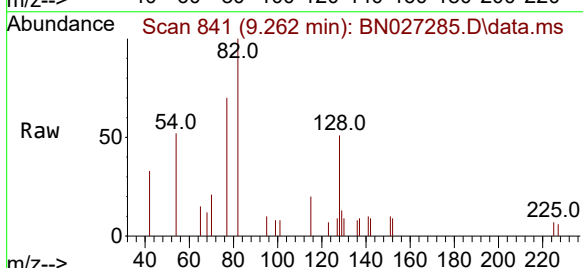
Tgt Ion: 82 Resp: 1422

Ion Ratio Lower Upper

82 100

128 50.6 33.4 50.0#

54 51.7 37.7 56.5

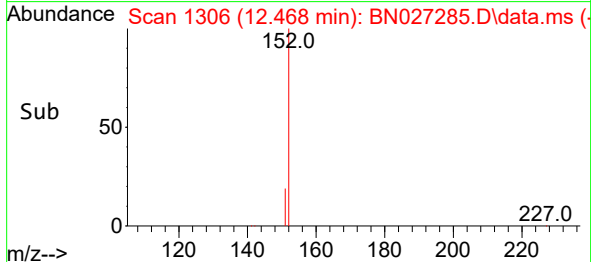
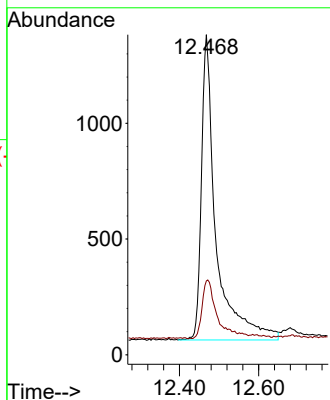
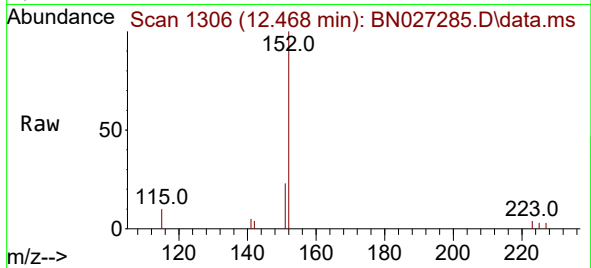




#11
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

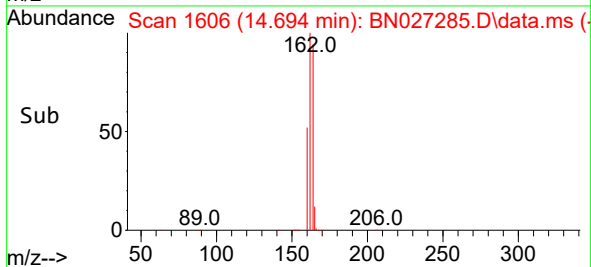
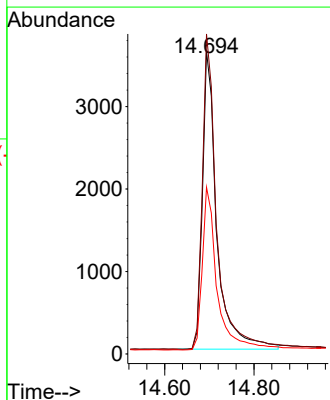
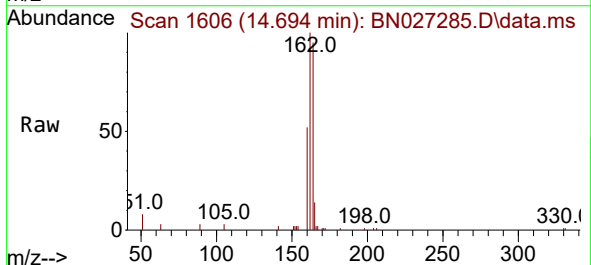
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230818DL

Tgt Ion:152 Resp: 3384
Ion Ratio Lower Upper
152 100
151 19.1 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

Tgt Ion:164 Resp: 8086
Ion Ratio Lower Upper
164 100
162 105.8 85.8 128.8
160 55.1 44.2 66.2

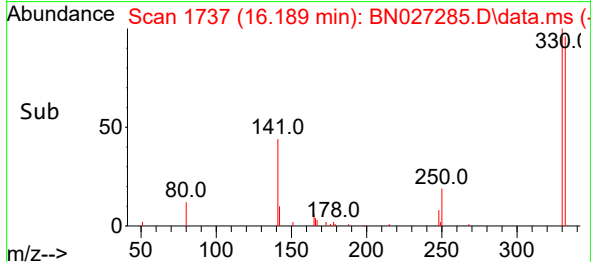
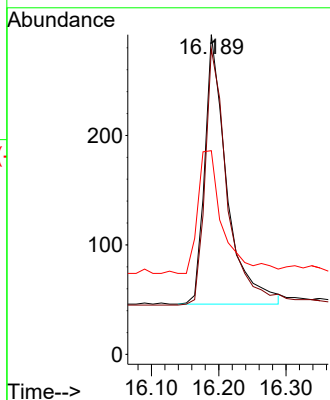
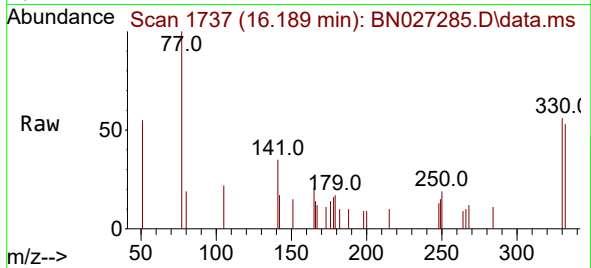




#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

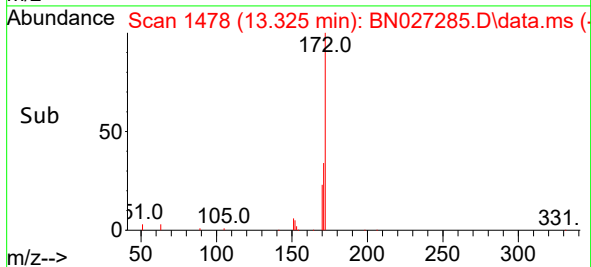
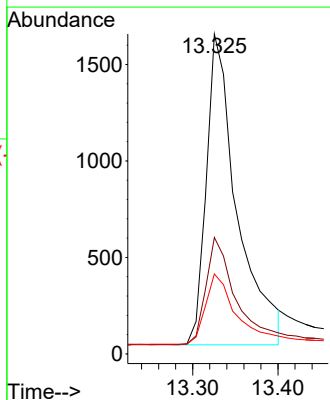
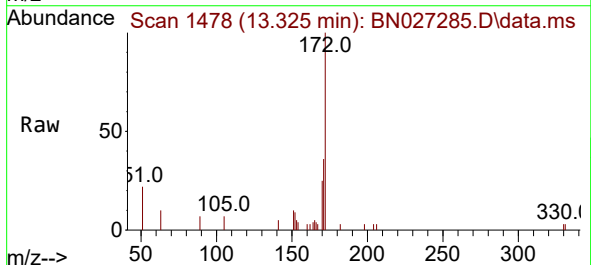
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RE134D3-20230818DL

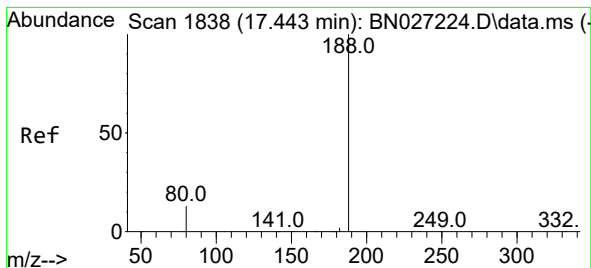
Tgt Ion:330 Resp: 562
Ion Ratio Lower Upper
330 100
332 94.5 75.2 112.8
141 51.6 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

Tgt Ion:172 Resp: 4040
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.8
170 25.0 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027285.D

Acq: 30 Aug 2023 22:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230818DL

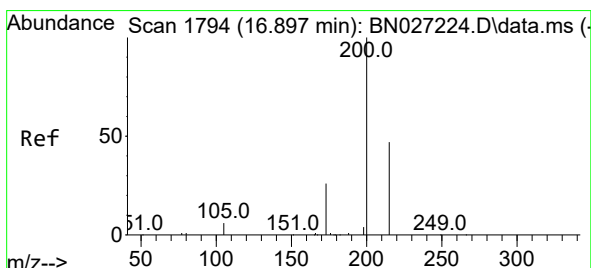
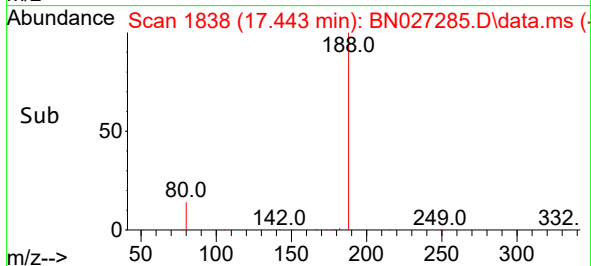
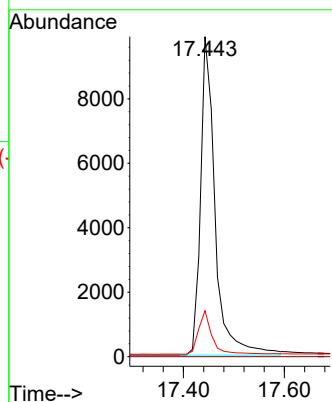
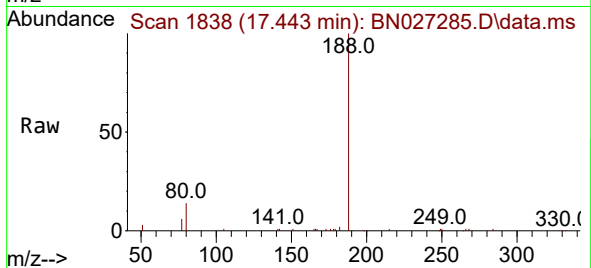
Tgt Ion:188 Resp: 19786

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.021 ng

RT: 16.859 min Scan# 1791

Delta R.T. -0.037 min

Lab File: BN027285.D

Acq: 30 Aug 2023 22:22

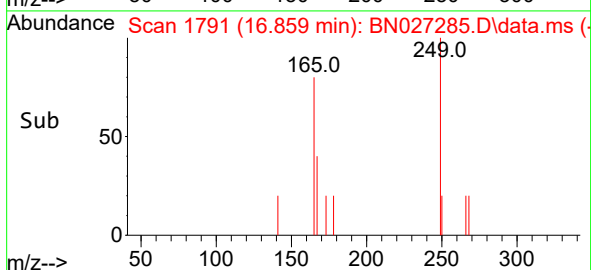
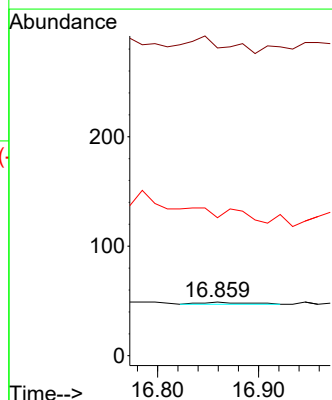
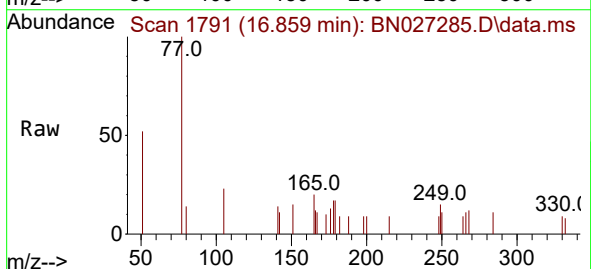
Tgt Ion:198 Resp: 6

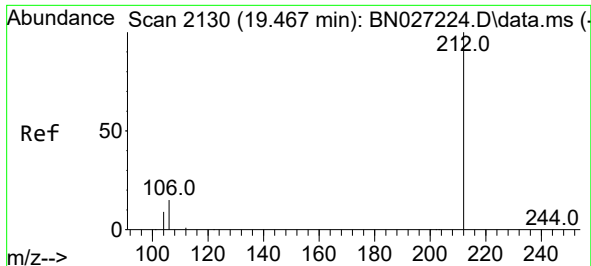
Ion Ratio Lower Upper

198 100

51 573.5 282.2 423.2#

105 257.1 168.7 253.1#

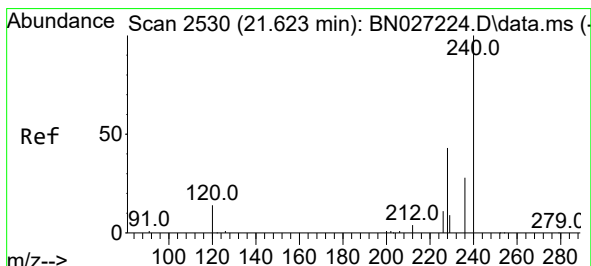
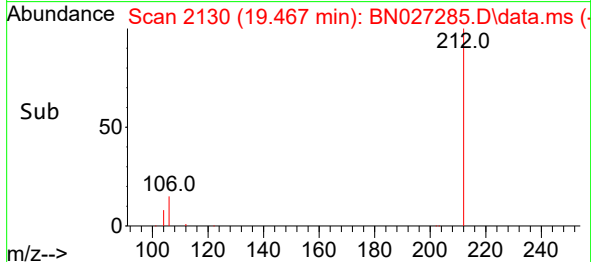
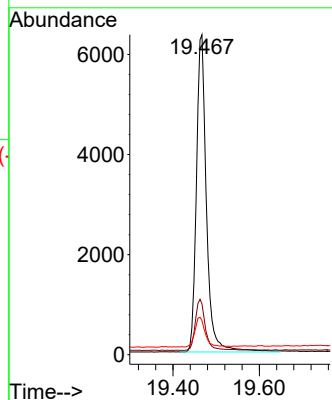
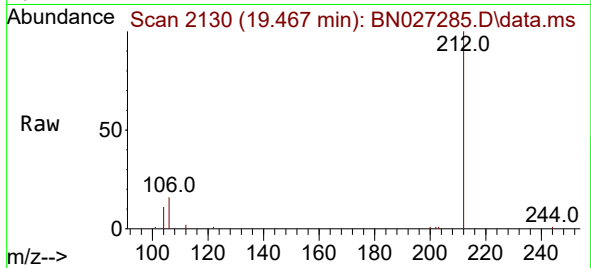




#27
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

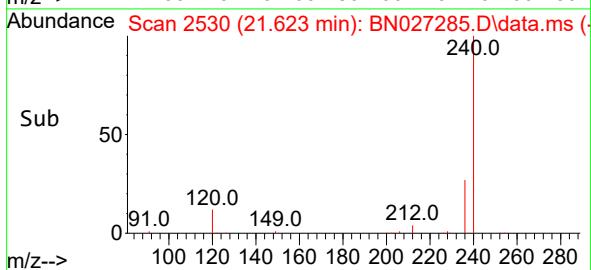
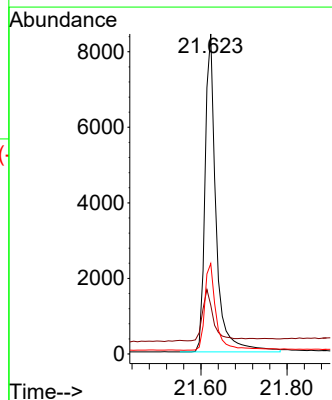
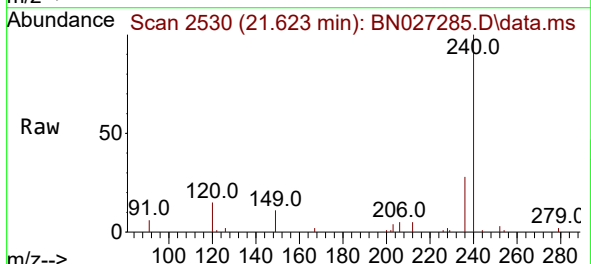
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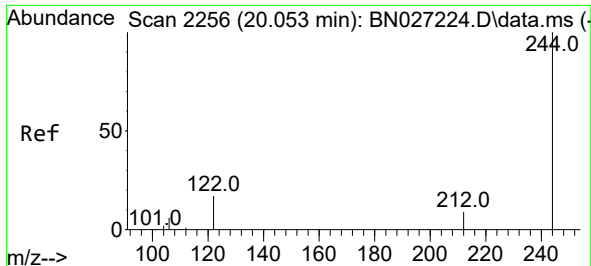
Tgt Ion:212 Resp: 10257
Ion Ratio Lower Upper
212 100
106 16.1 12.1 18.1
104 9.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BN027285.D
Acq: 30 Aug 2023 22:22

Tgt Ion:240 Resp: 15019
Ion Ratio Lower Upper
240 100
120 15.3 14.2 21.4
236 28.3 22.9 34.3

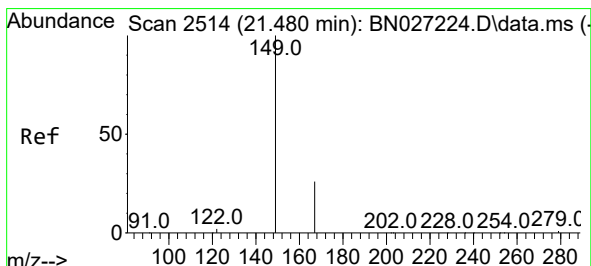
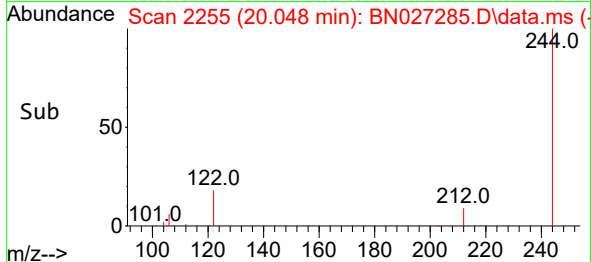
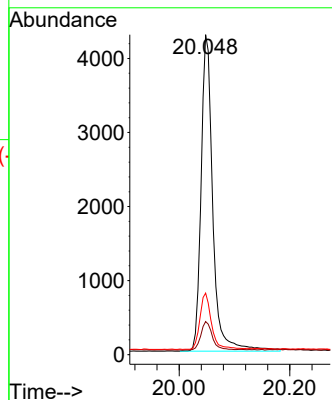
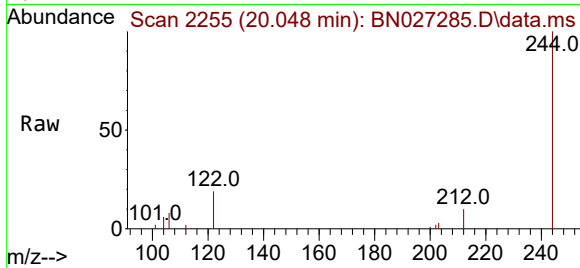




#31
 Terphenyl-d14
 Concen: 0.209 ng
 RT: 20.048 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027285.D
 Acq: 30 Aug 2023 22:22

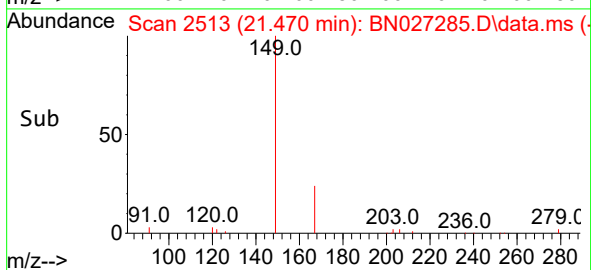
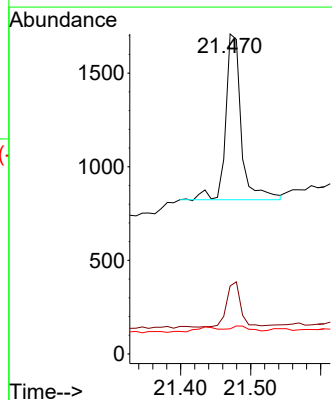
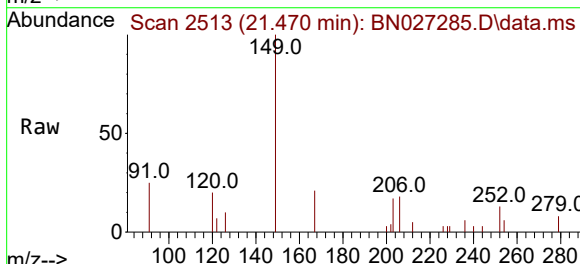
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 RE134D3-20230818DL

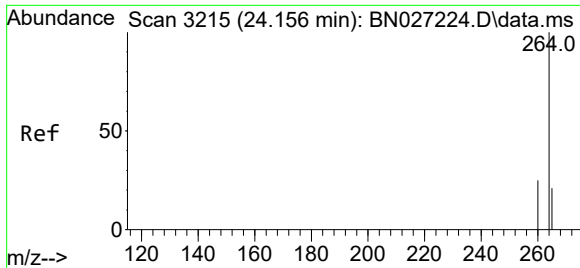
Tgt Ion:244 Resp: 6297
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.5 11.3
 122 19.3 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.470 min Scan# 2513
 Delta R.T. -0.009 min
 Lab File: BN027285.D
 Acq: 30 Aug 2023 22:22

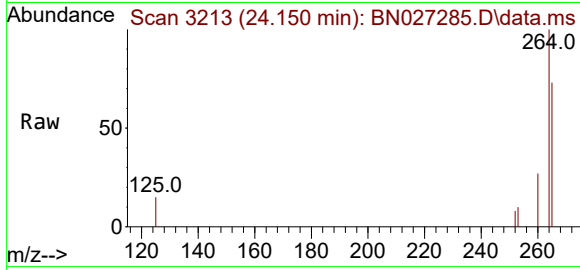
Tgt Ion:149 Resp: 1358
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.1 33.1
 279 3.5 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.150 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN027285.D
 Acq: 30 Aug 2023 22:22

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230818DL



Tgt Ion:264 Resp: 12744

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.7	31.1
265	72.9	53.3	79.9

