

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021534.D
 Acq On : 01 Sep 2022 20:30
 Operator : CG/JU
 Sample : N4357-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220822

Quant Time: Sep 02 01:00:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

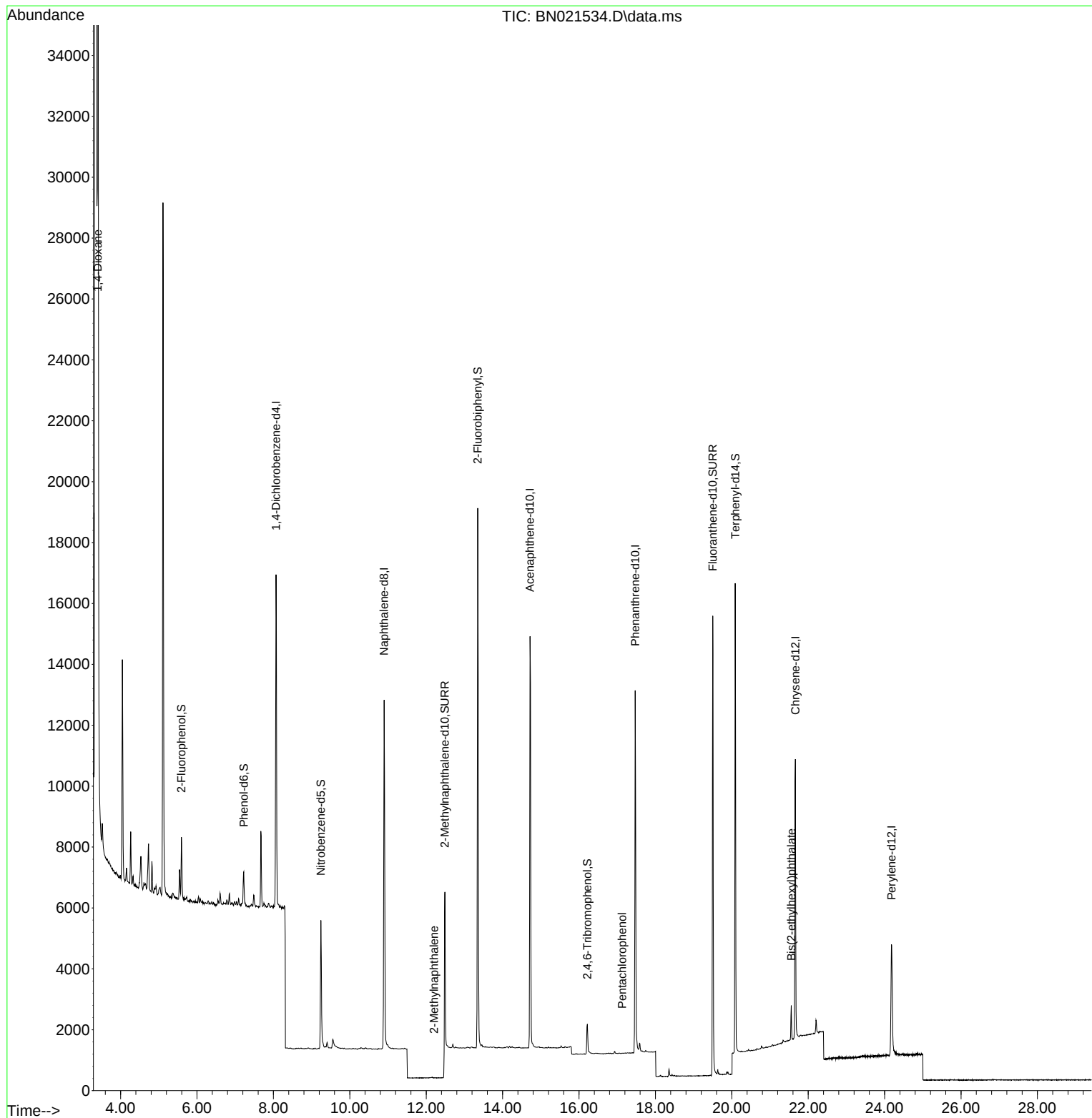
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5268	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16022	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8345	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16814	0.400	ng	# 0.00
29) Chrysene-d12	21.664	240	9423	0.400	ng	0.00
35) Perylene-d12	24.179	264	6307	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1742	0.169	ng	0.00
5) Phenol-d6	7.224	99	1243	0.095	ng	0.00
8) Nitrobenzene-d5	9.243	82	3817	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	13771	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	680	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	15681	0.430	ng	0.00
27) Fluoranthene-d10	19.501	212	17000	0.393	ng	0.00
31) Terphenyl-d14	20.088	244	13444	0.635	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	38185	5.795	ng	# 90
12) 2-Methylnaphthalene	12.206	142	3	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	9	0.205	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.557	149	1168	0.088	ng	# 95

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

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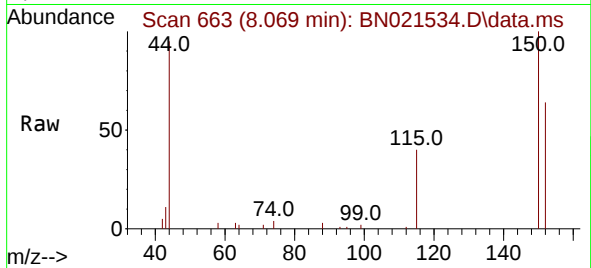
Quant Time: Sep 02 01:00:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



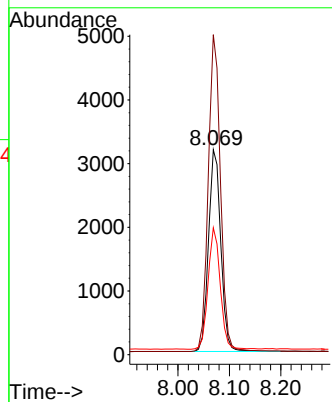
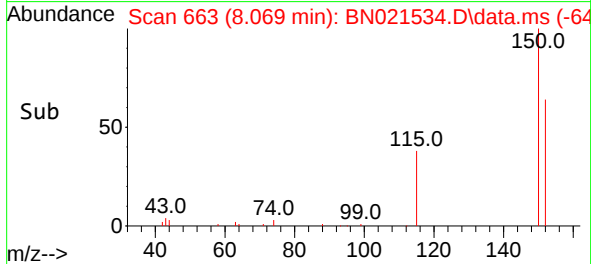


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021534.D
 Acq: 01 Sep 2022 20:30

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220822

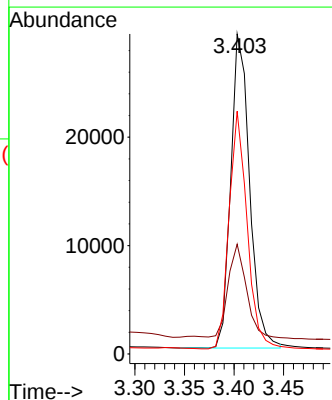
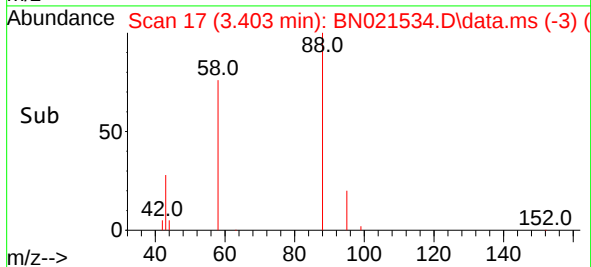
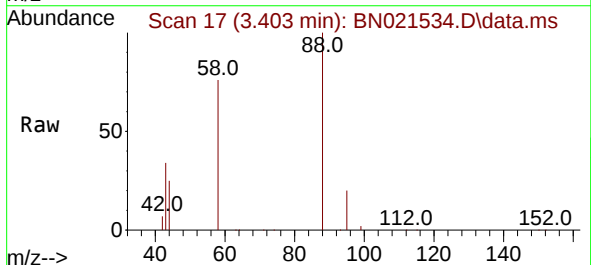


Tgt Ion:152 Resp: 5268
 Ion Ratio Lower Upper
 152 100
 150 156.2 121.4 182.0
 115 61.9 48.6 72.8



#2
 1,4-Dioxane
 Concen: 5.795 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021534.D
 Acq: 01 Sep 2022 20:30

Tgt Ion: 88 Resp: 38185
 Ion Ratio Lower Upper
 88 100
 43 28.6 35.8 53.8#
 58 72.4 57.1 85.7

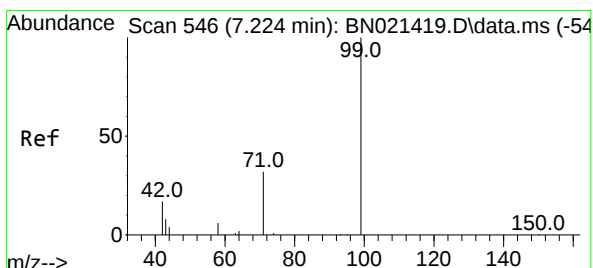
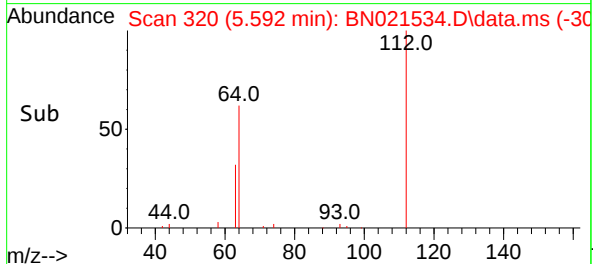
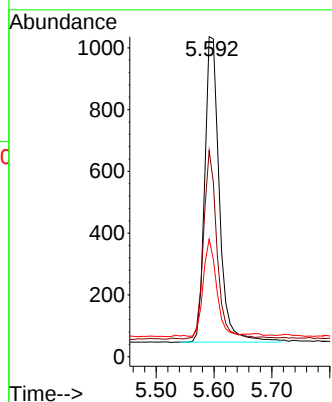
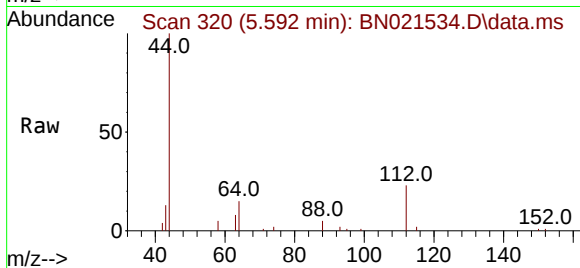




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.592 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

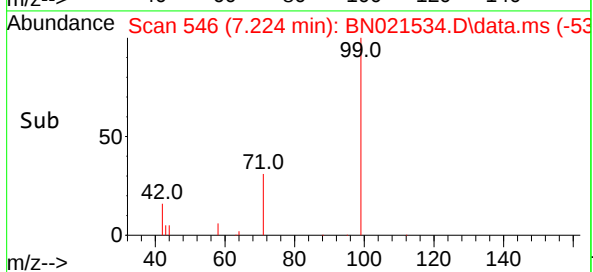
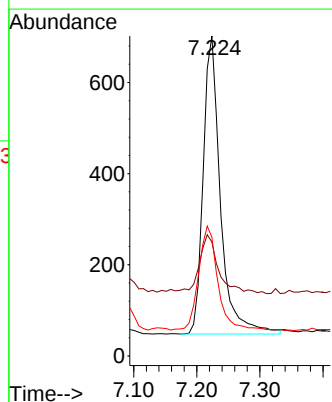
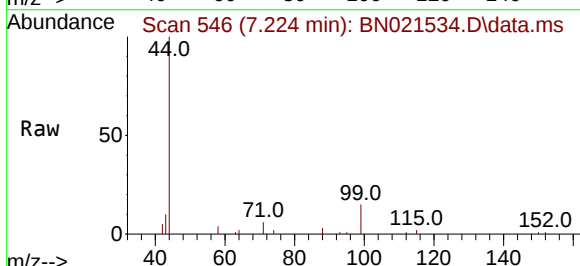
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822

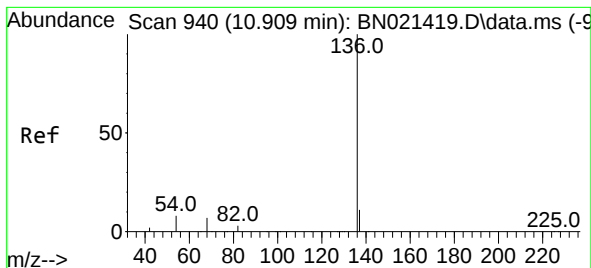
Tgt Ion:112 Resp: 1742
Ion Ratio Lower Upper
112 100
64 57.0 43.5 65.3
63 28.8 22.6 34.0



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

Tgt Ion: 99 Resp: 1243
Ion Ratio Lower Upper
99 100
42 23.0 15.5 23.3
71 39.5 24.2 36.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.898 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN021534.D

Acq: 01 Sep 2022 20:30

Instrument :

BNA_N

ClientSampleId :

RE120D2-20220822

Tgt Ion:136 Resp: 16022

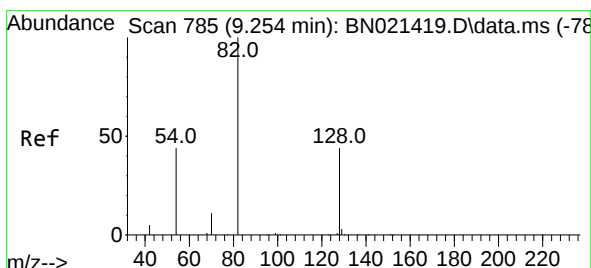
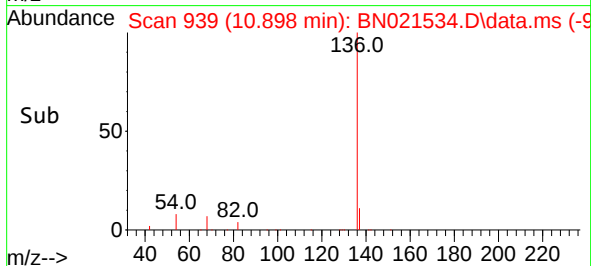
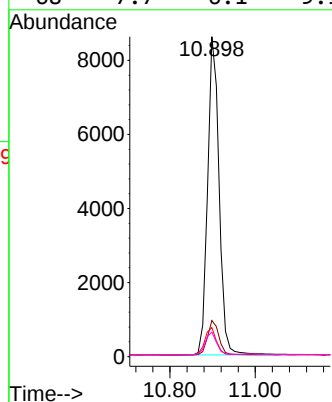
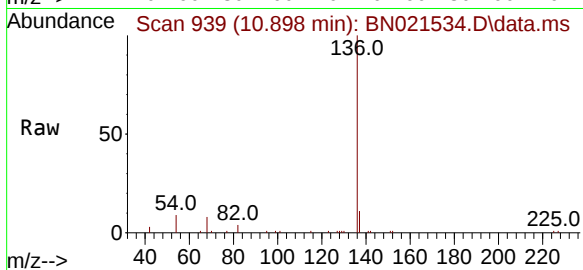
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 9.1 6.9 10.3

68 7.7 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 9.243 min Scan# 784

Delta R.T. -0.000 min

Lab File: BN021534.D

Acq: 01 Sep 2022 20:30

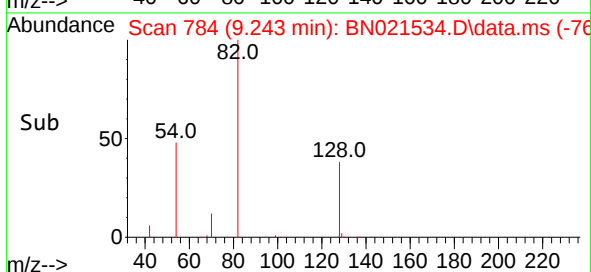
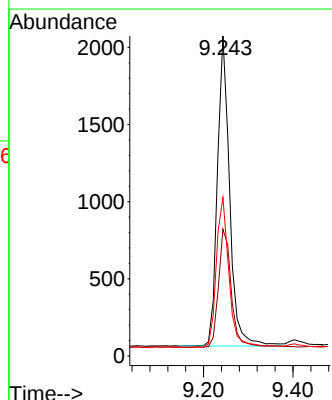
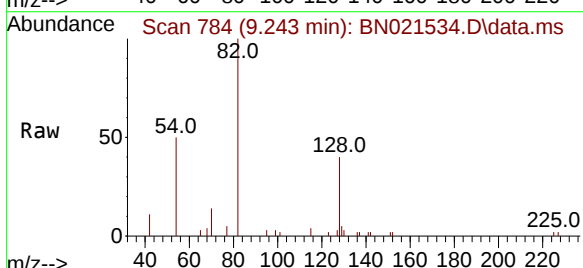
Tgt Ion: 82 Resp: 3817

Ion Ratio Lower Upper

82 100

128 39.6 30.9 46.3

54 49.6 42.7 64.1

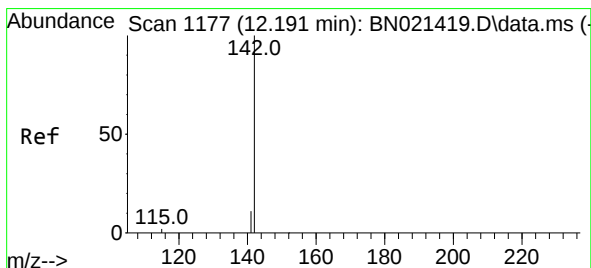
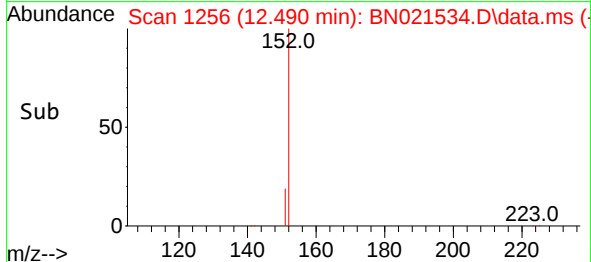
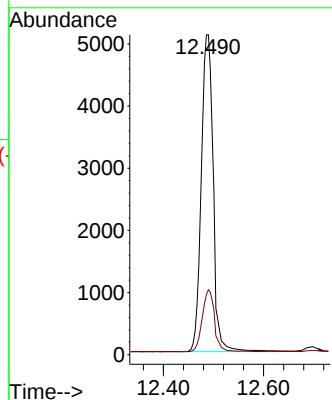
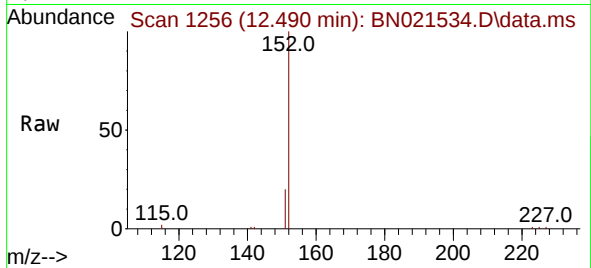




#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.490 min Scan# 1181
Delta R.T. 0.004 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

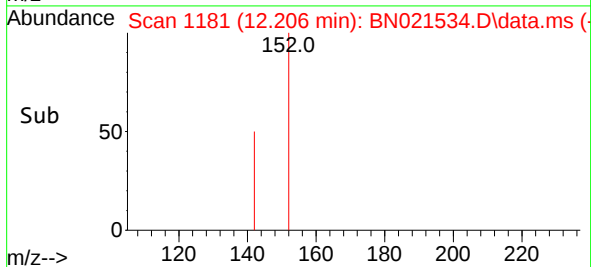
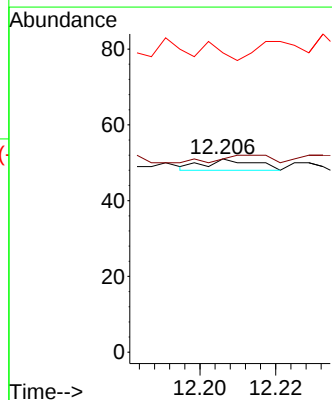
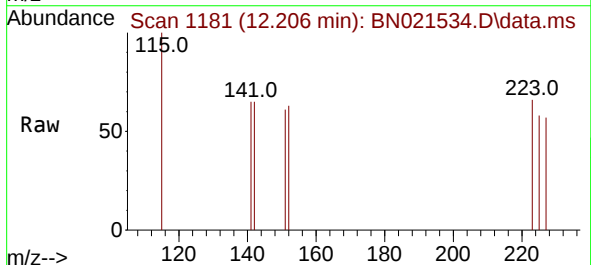
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822

Tgt Ion:152 Resp: 13771
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.206 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

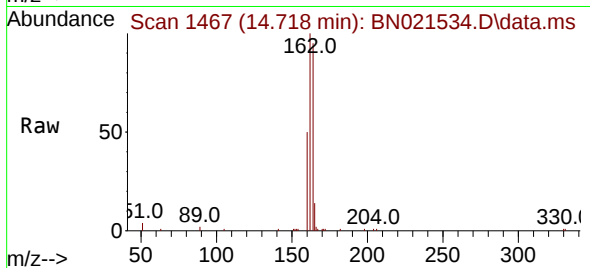
Tgt Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 154.9 7.9 11.9#



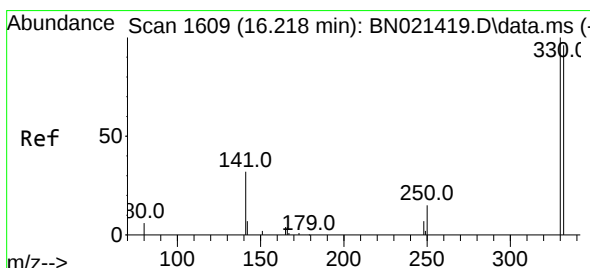
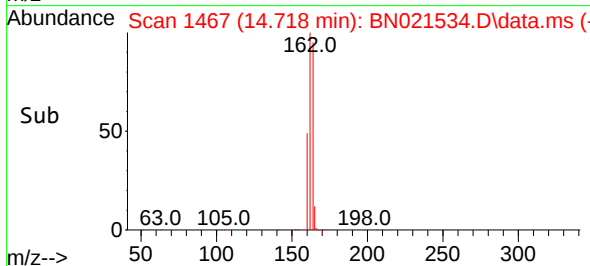
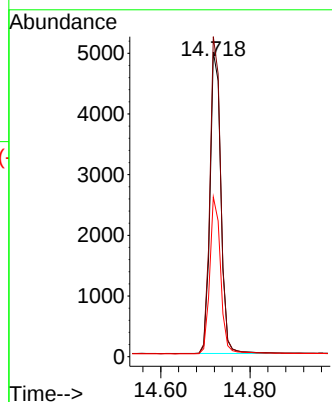


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822

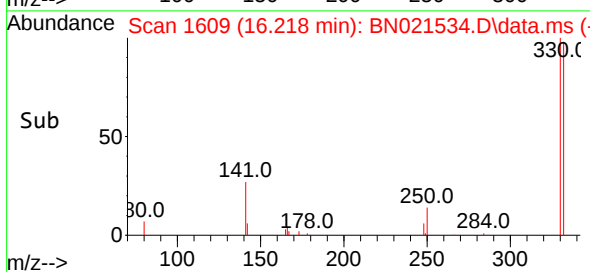
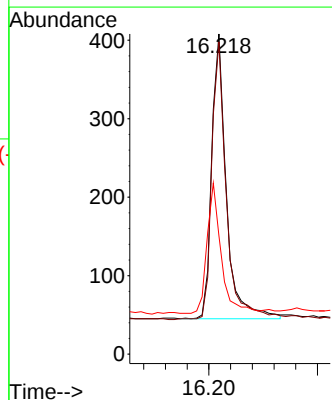
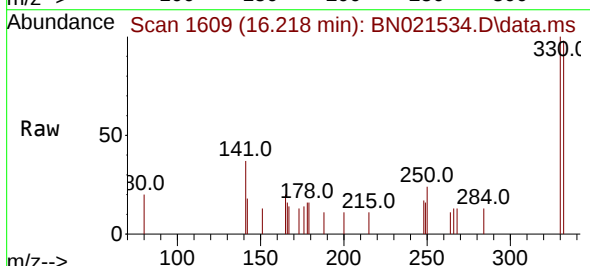


Tgt Ion:164 Resp: 8345
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 52.4 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

Tgt Ion:330 Resp: 680
Ion Ratio Lower Upper
330 100
332 97.4 79.3 118.9
141 43.8 37.1 55.7

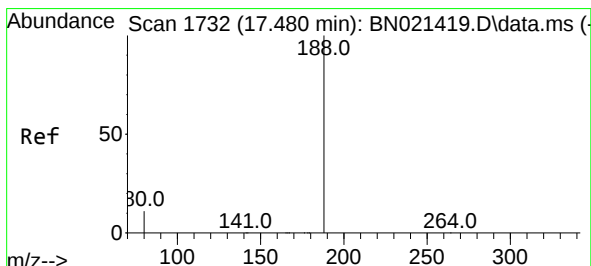
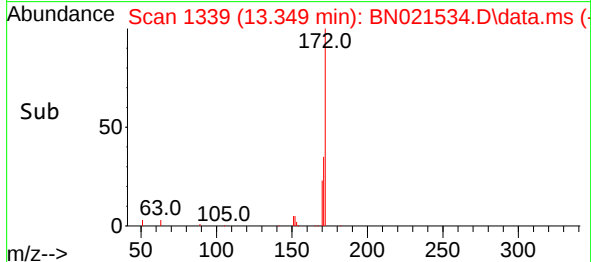
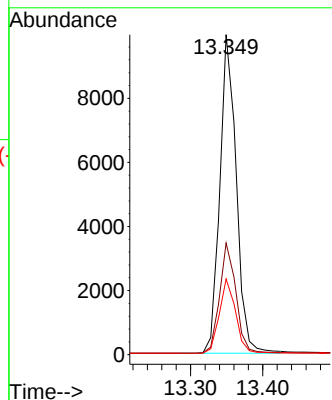
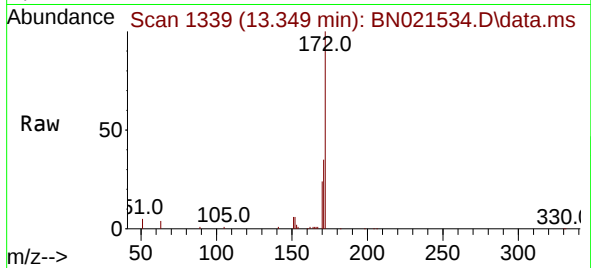




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

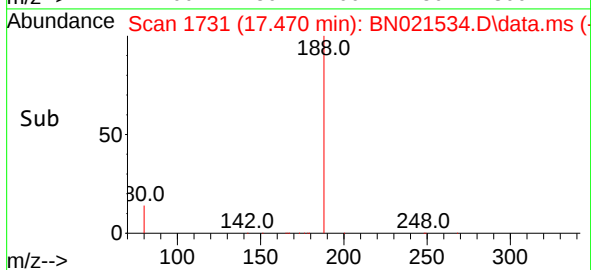
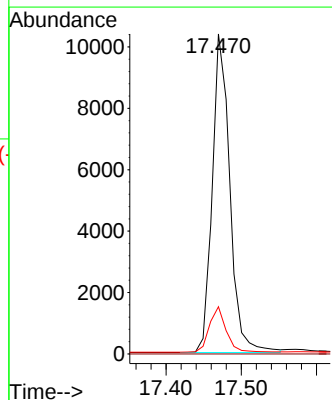
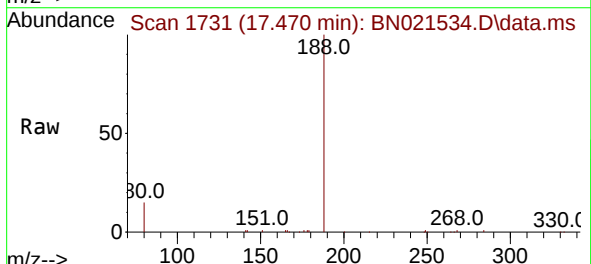
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822

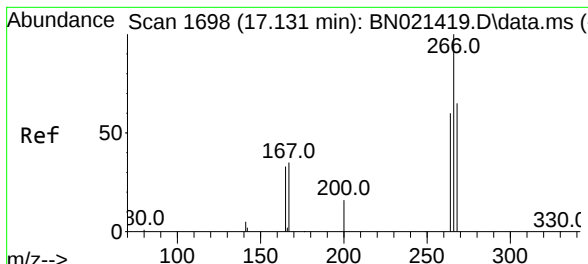
Tgt Ion:172 Resp: 15681
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

Tgt Ion:188 Resp: 16814
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 9.5 14.3#

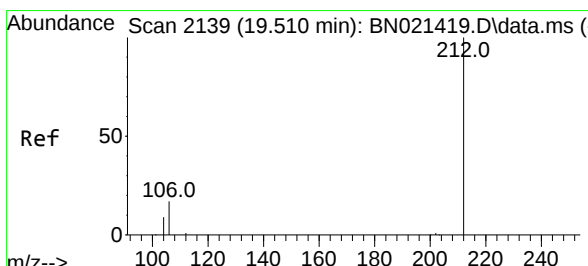
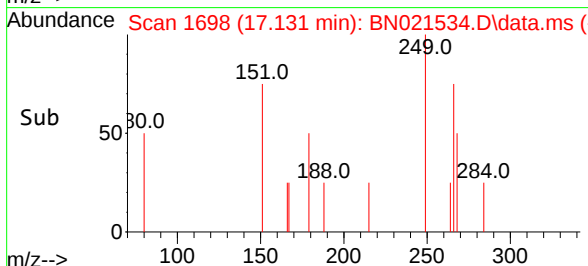
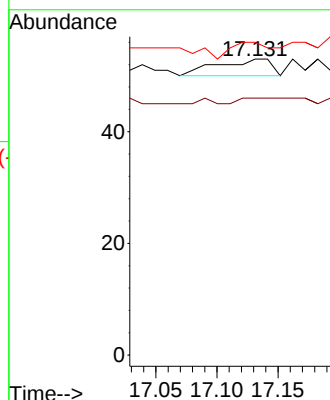
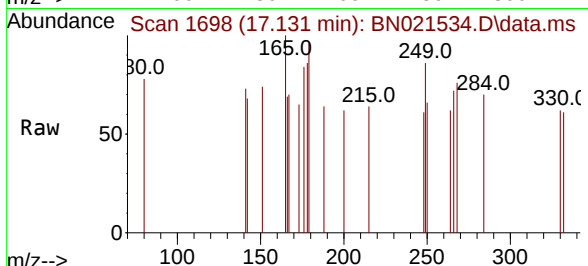




#24
Pentachlorophenol
Concen: 0.205 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

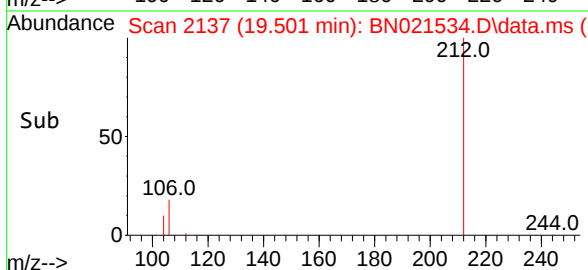
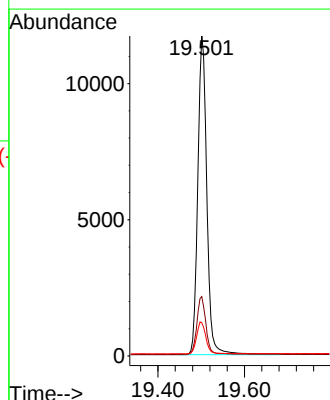
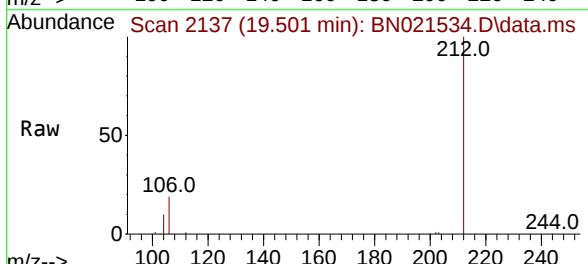
Instrument :
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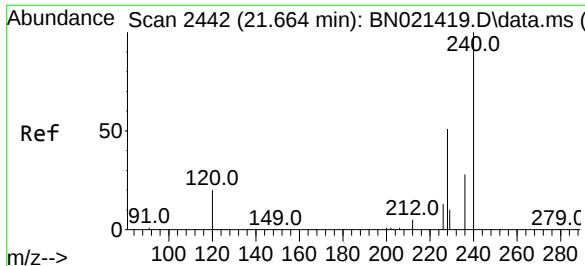
Tgt Ion:266	Resp:	9
Ion Ratio	Lower	Upper
266	100	
264	44.4	49.0 73.6#
268	66.7	50.9 76.3



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

Tgt Ion:212	Resp:	17000
Ion Ratio	Lower	Upper
212	100	
106	18.2	14.2 21.2
104	10.2	7.8 11.6

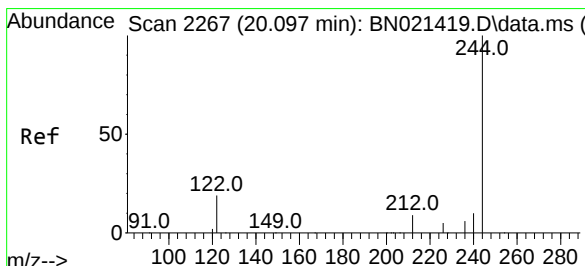
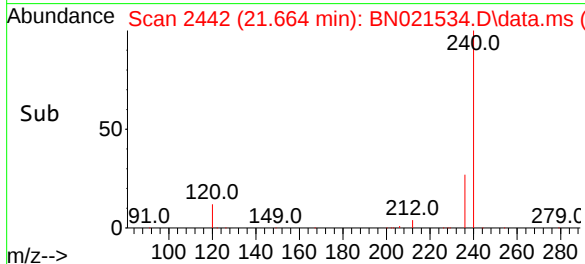
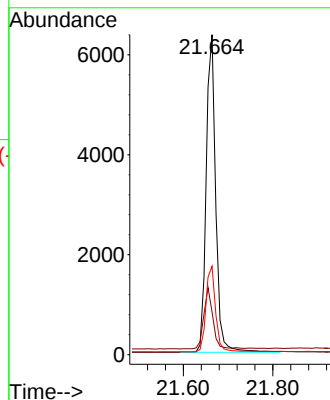
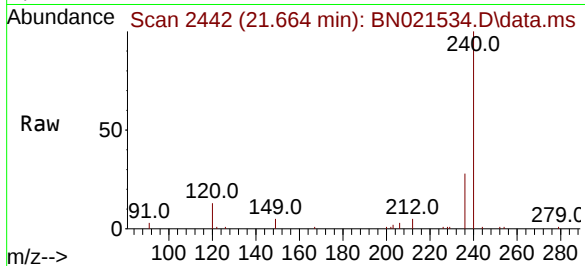




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

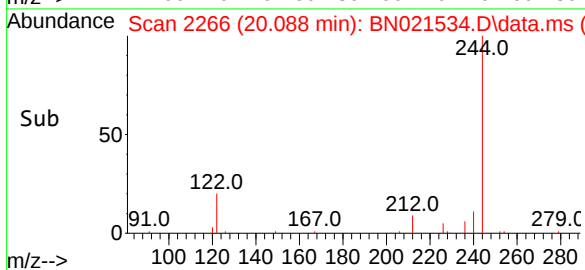
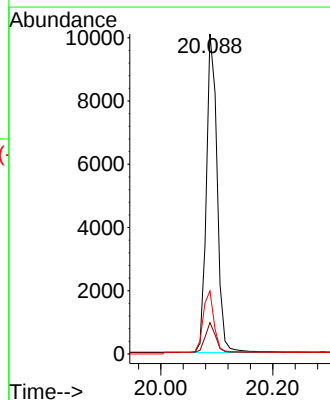
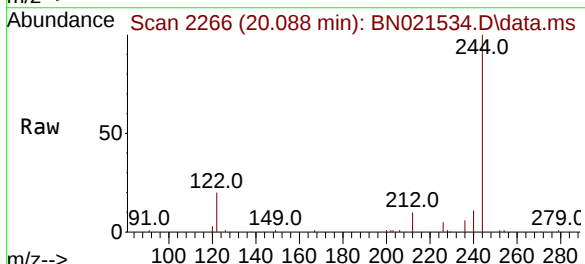
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822

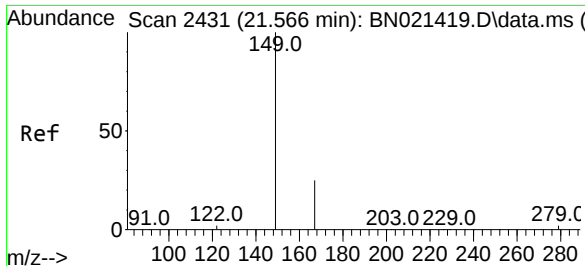
Tgt Ion:240 Resp: 9423
Ion Ratio Lower Upper
240 100
120 13.3 10.2 15.4
236 27.6 22.1 33.1



#31
Terphenyl-d14
Concen: 0.635 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021534.D
Acq: 01 Sep 2022 20:30

Tgt Ion:244 Resp: 13444
Ion Ratio Lower Upper
244 100
212 9.8 6.5 9.7#
122 19.7 9.1 13.7#

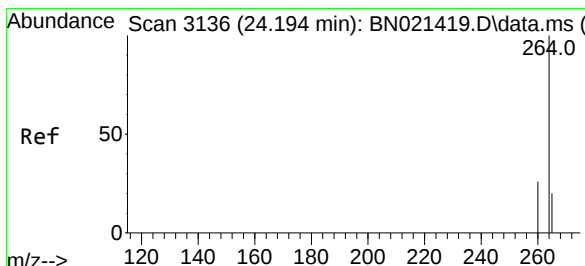
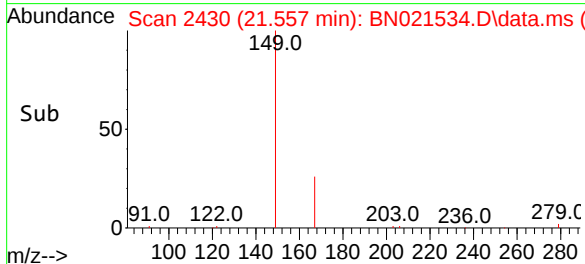
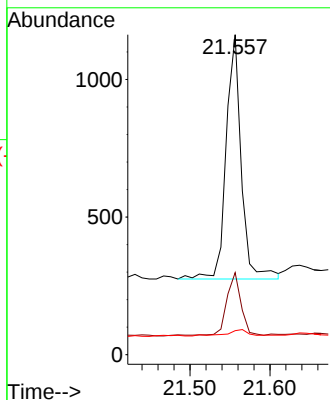
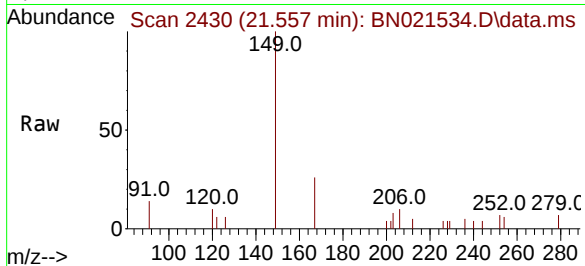




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. -0.000 min
 Lab File: BN021534.D
 Acq: 01 Sep 2022 20:30

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220822

Tgt Ion:149 Resp: 1168
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.4 32.0
 279 3.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.179 min Scan# 3131
 Delta R.T. -0.006 min
 Lab File: BN021534.D
 Acq: 01 Sep 2022 20:30

Tgt Ion:264 Resp: 6307
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.0 31.6
 265 42.3 32.2 48.2

