

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021394.D
 Acq On : 26 Aug 2022 20:49
 Operator : CG/JU
 Sample : N4281-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20220818

Quant Time: Aug 26 23:43:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

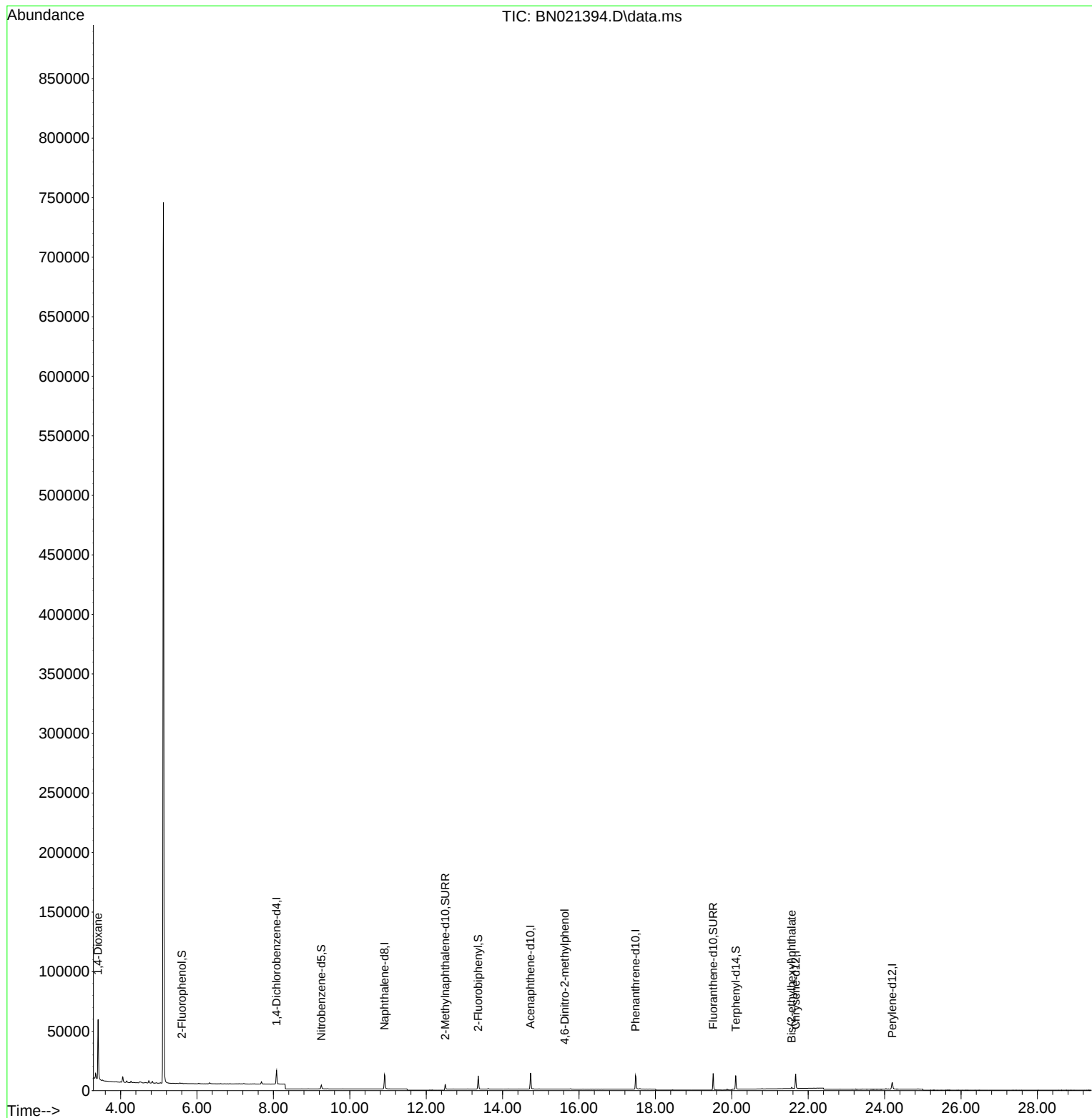
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	5645	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16601	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8162	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16322	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	11677	0.400	ng	0.00
35) Perylene-d12	24.200	264	9061	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	332	0.022	ng	0.00
5) Phenol-d6	7.231	99	342	0.018	ng	0.00
8) Nitrobenzene-d5	9.254	82	2837	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	8402	0.300	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	2	0.001	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	9968	0.273	ng	0.00
27) Fluoranthene-d10	19.514	212	15688	0.322	ng	0.00
31) Terphenyl-d14	20.106	244	11092	0.450	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	30371	3.879	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.626	198	1	0.047	ng	92
34) Bis(2-ethylhexyl)phtha...	21.566	149	1154	0.054	ng	# 98

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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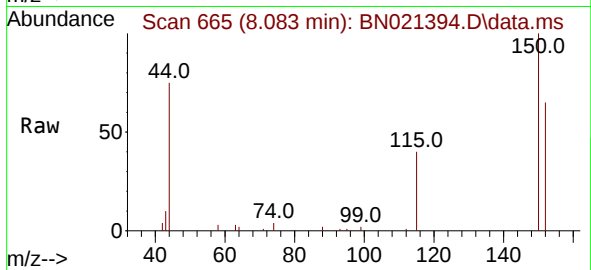
Quant Time: Aug 26 23:43:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
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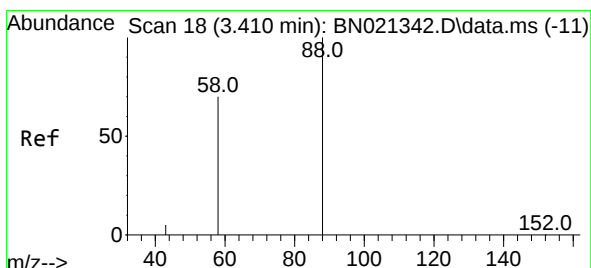
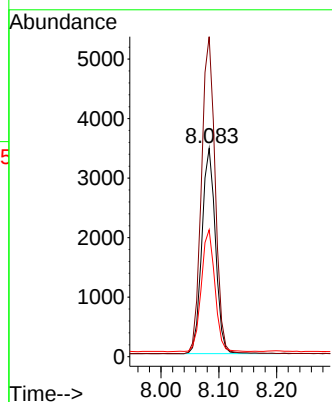
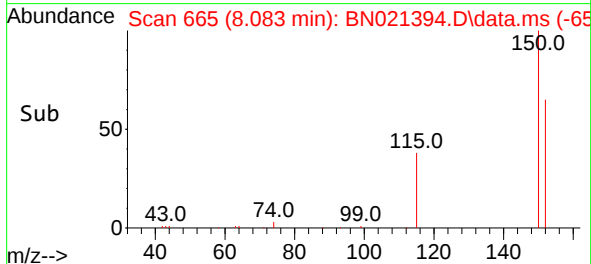


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BN021394.D
 Acq: 26 Aug 2022 20:49

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20220818

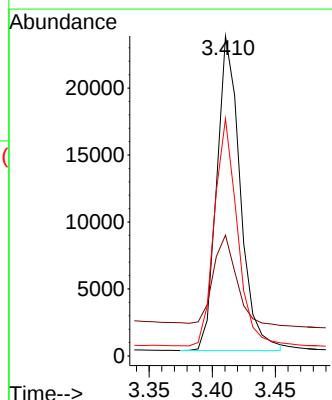
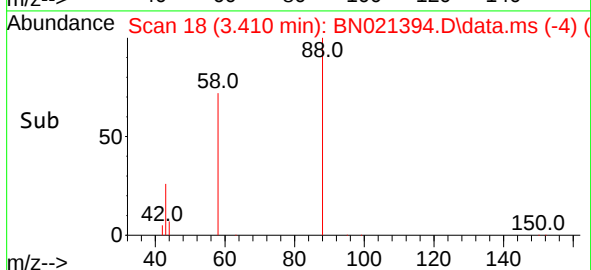
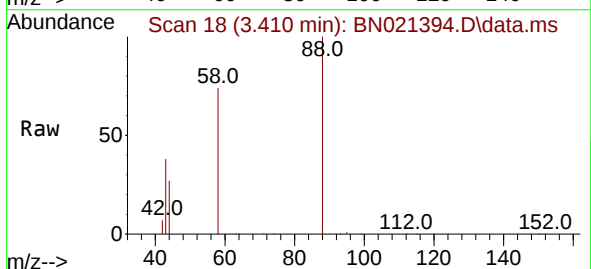


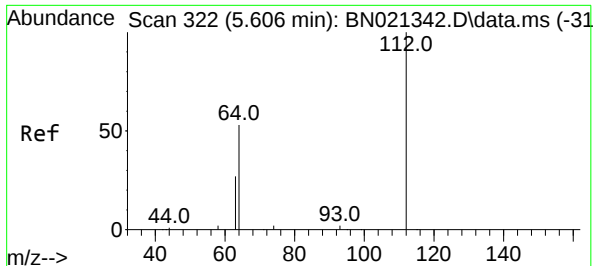
Tgt Ion:152 Resp: 5645
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.4 182.0
 115 60.9 48.6 72.8



#2
 1,4-Dioxane
 Concen: 3.879 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021394.D
 Acq: 26 Aug 2022 20:49

Tgt Ion: 88 Resp: 30371
 Ion Ratio Lower Upper
 88 100
 43 28.5 35.8 53.8#
 58 70.4 57.1 85.7





#4

2-Fluorophenol

Concen: 0.022 ng

RT: 5.606 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN021394.D

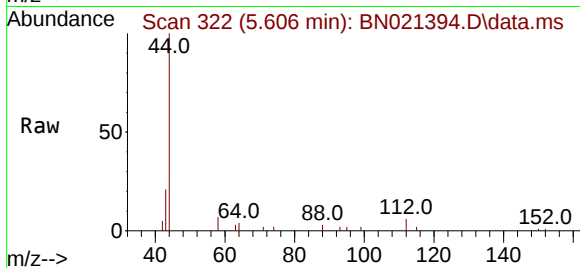
Acq: 26 Aug 2022 20:49

Instrument :

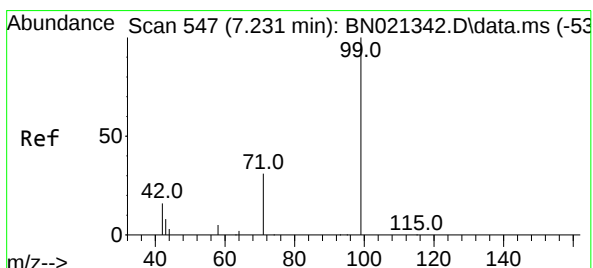
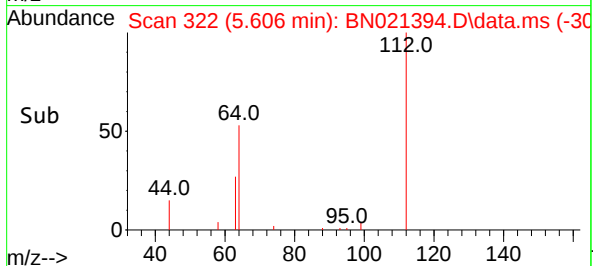
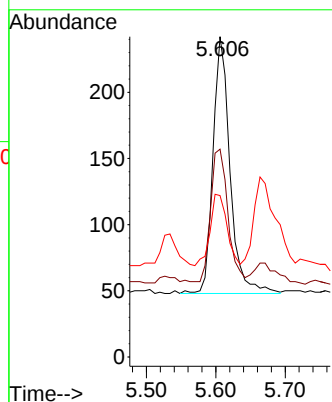
BNA_N

ClientSampleId :

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Tgt Ion:	112	Resp:	332
Ion Ratio	Lower	Upper	
112	100		
64	52.7	43.5	65.3
63	27.1	22.6	34.0



#5

Phenol-d6

Concen: 0.018 ng

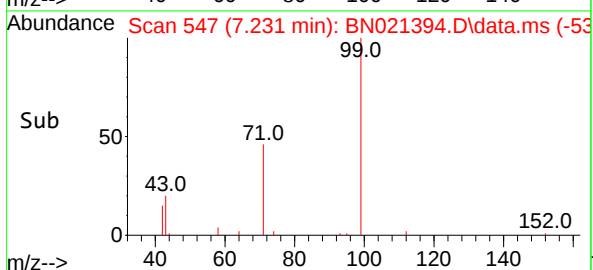
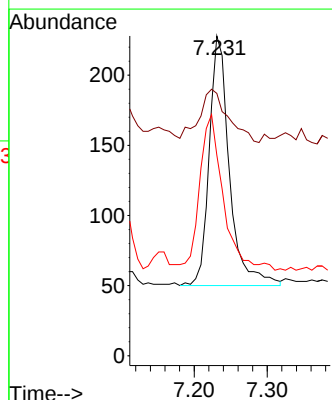
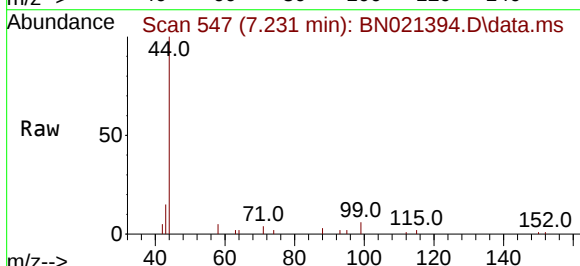
RT: 7.231 min Scan# 547

Delta R.T. -0.000 min

Lab File: BN021394.D

Acq: 26 Aug 2022 20:49

Tgt Ion:	99	Resp:	342
Ion Ratio	Lower	Upper	
99	100		
42	30.4	15.5	23.3#
71	72.2	24.2	36.2#

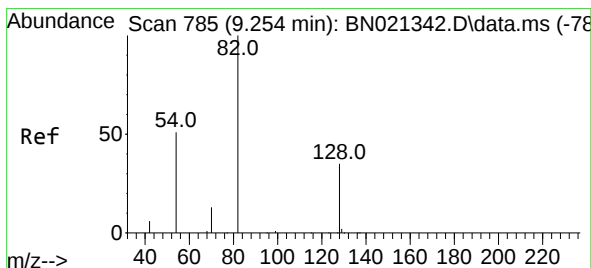
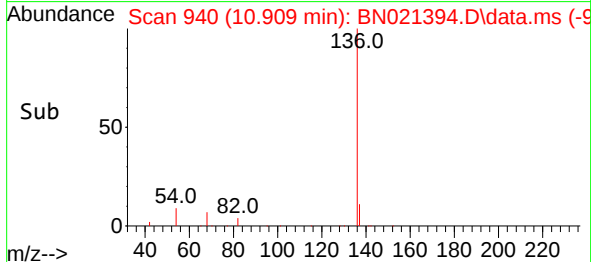
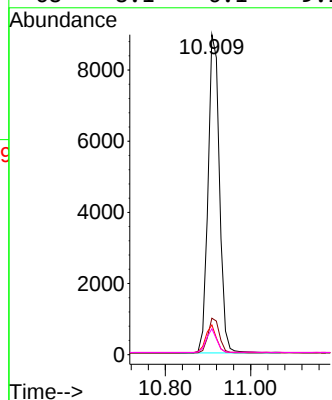
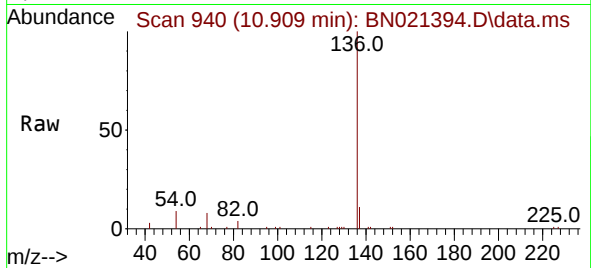




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

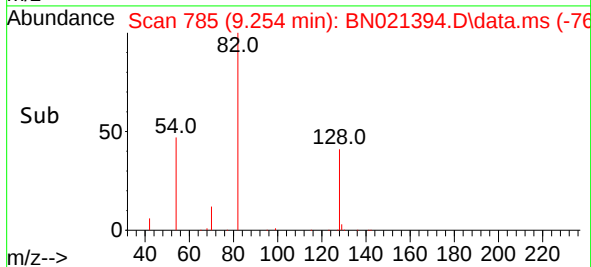
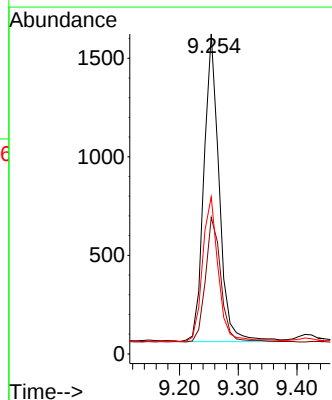
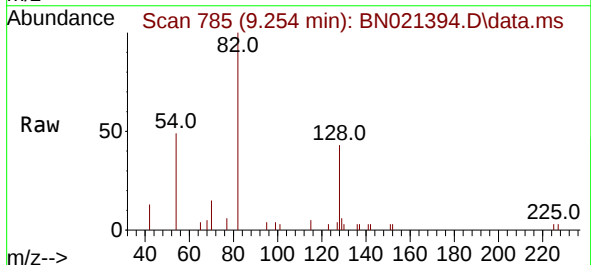
Instrument :
BNA_N
ClientSampleId :
RE132D2-20220818

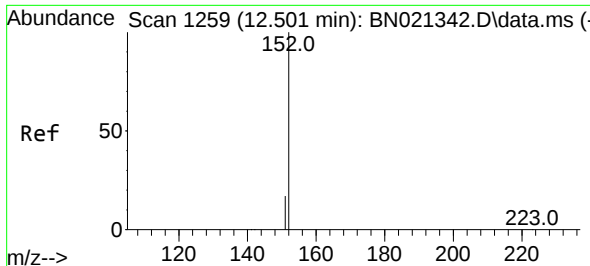
Tgt Ion:	136	Resp:	16601
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.3	6.9	10.3
68	8.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

Tgt Ion:	82	Resp:	2837
Ion	Ratio	Lower	Upper
82	100		
128	42.7	30.9	46.3
54	49.1	42.7	64.1

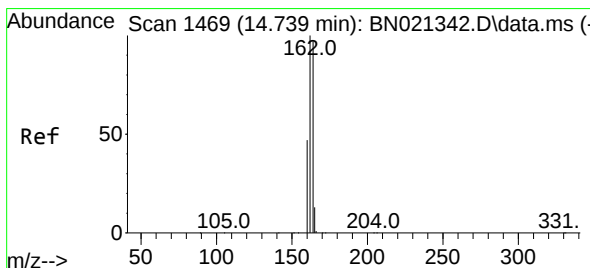
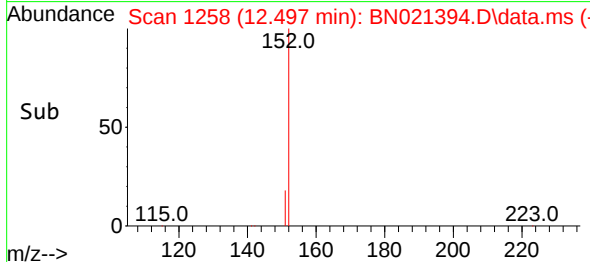
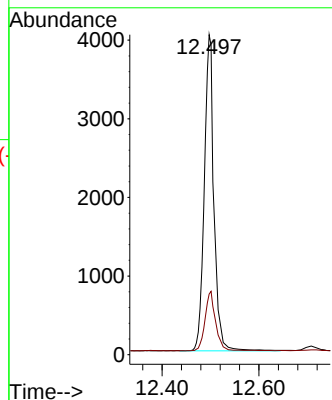
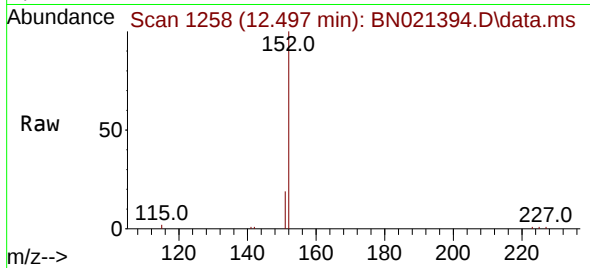




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.497 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

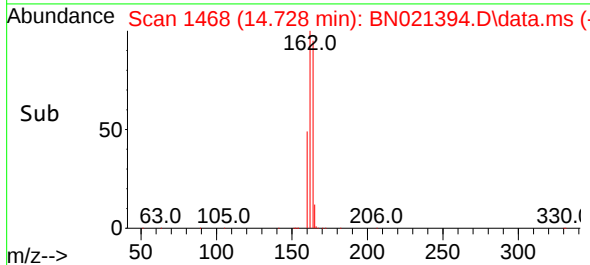
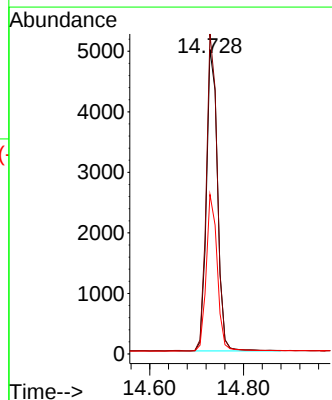
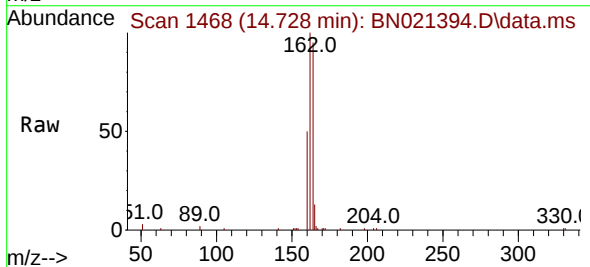
Instrument :
BNA_N
ClientSampleId :
RE132D2-20220818

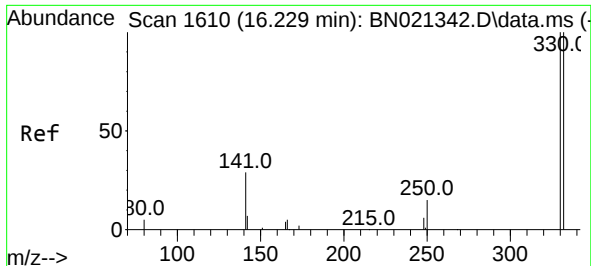
Tgt Ion:152 Resp: 8402
Ion Ratio Lower Upper
152 100
151 19.5 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

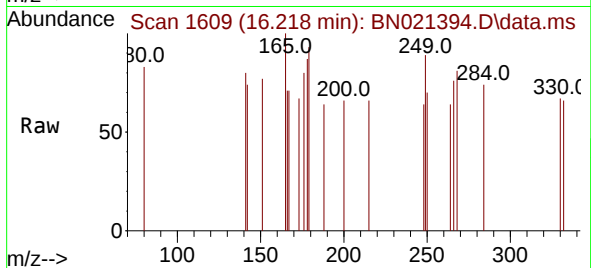
Tgt Ion:164 Resp: 8162
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 52.4 39.5 59.3



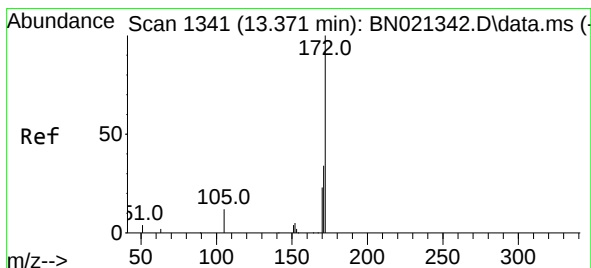
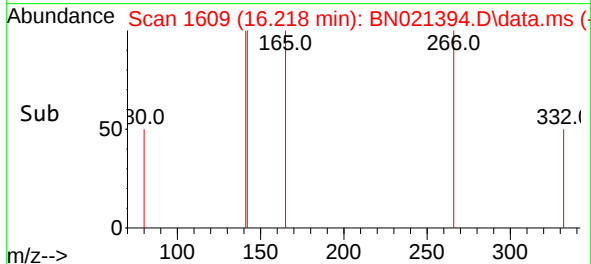
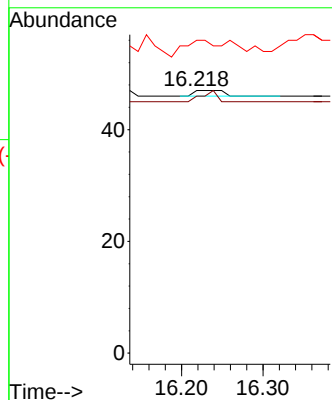


#14
2,4,6-Tribromophenol
Concen: 0.001 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

Instrument :
BNA_N
ClientSampleId :
RE132D2-20220818

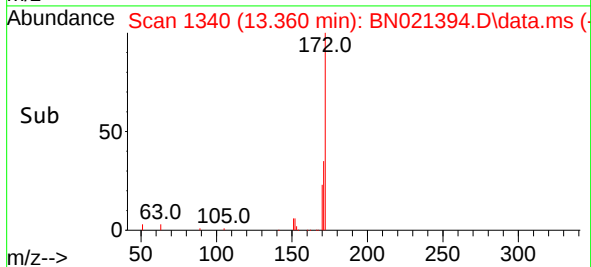
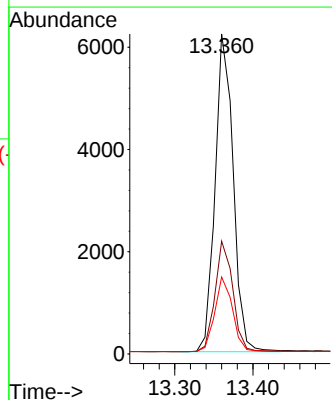
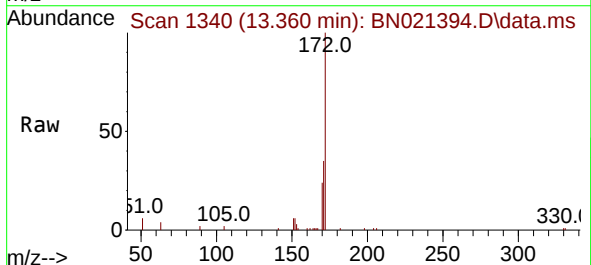


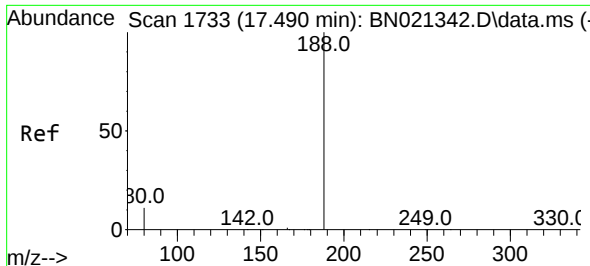
Tgt Ion:330 Resp: 2
Ion Ratio Lower Upper
330 100
332 0.0 79.3 118.9#
141 450.0 37.1 55.7#



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

Tgt Ion:172 Resp: 9968
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 24.0 18.6 28.0

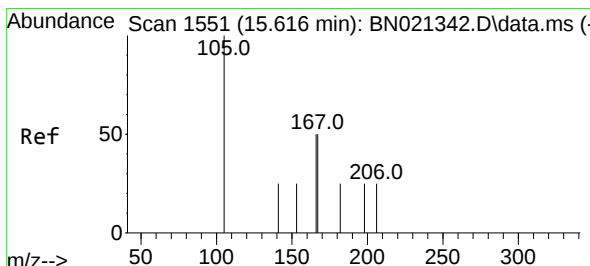
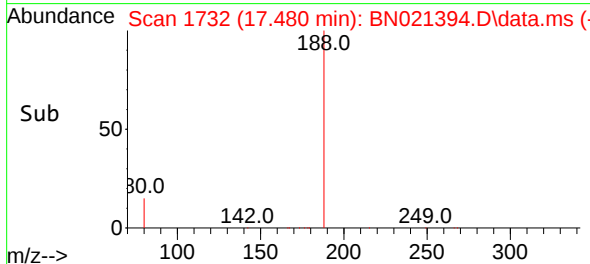
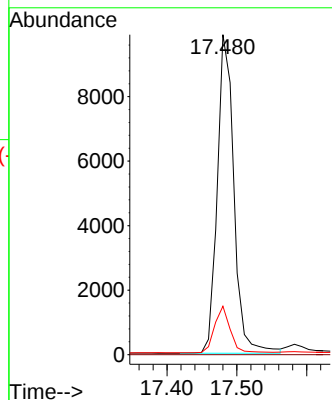
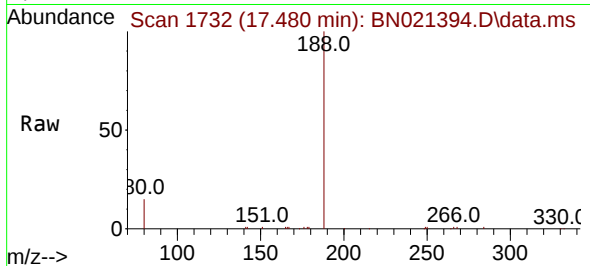




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

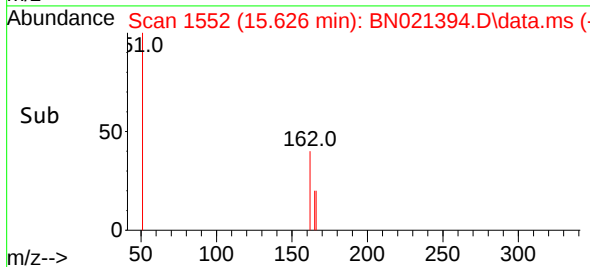
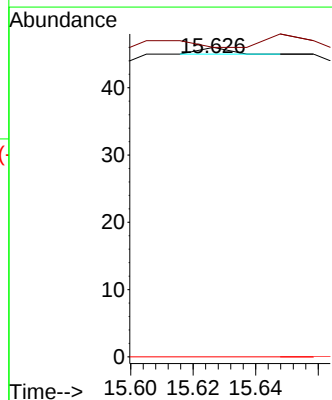
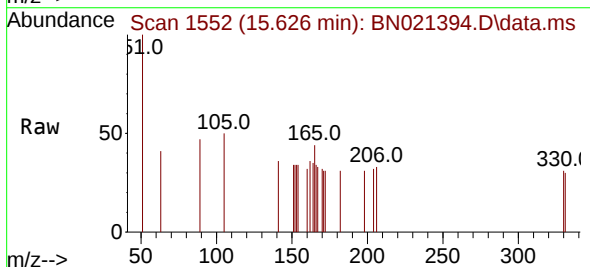
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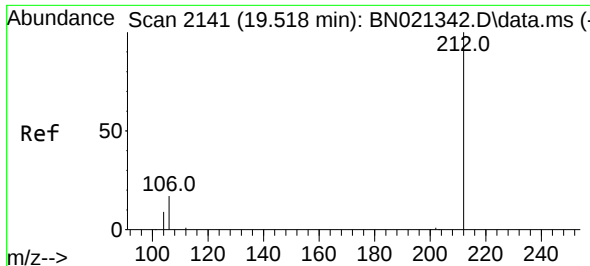
Tgt Ion:188 Resp: 16322
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 9.5 14.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.047 ng
RT: 15.626 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 100.0 86.6 130.0
77 0.0 0.0 0.0

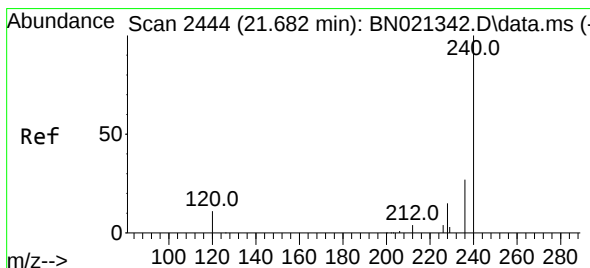
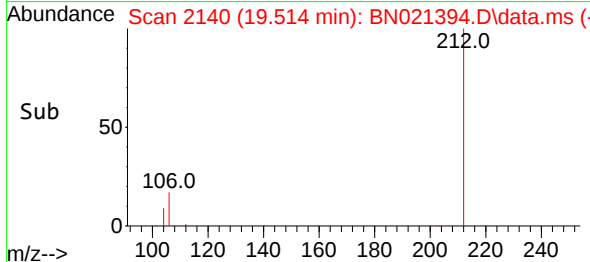
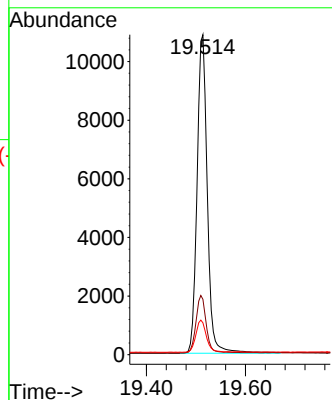
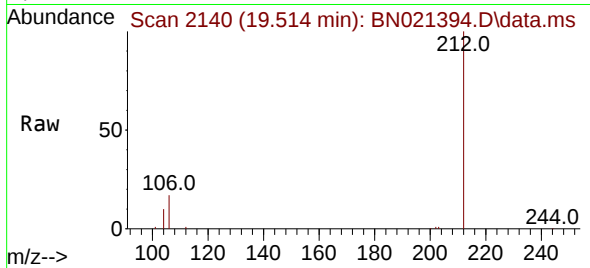




#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.514 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

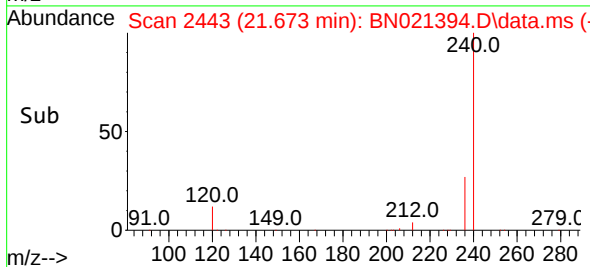
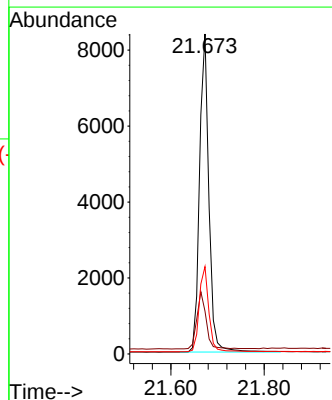
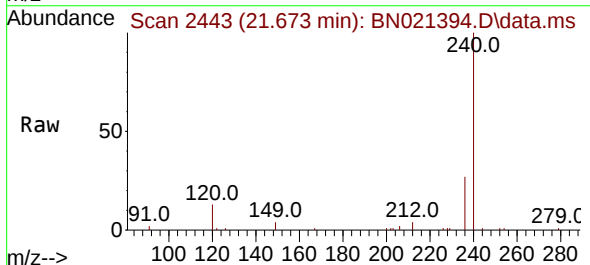
Instrument :
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RE132D2-20220818

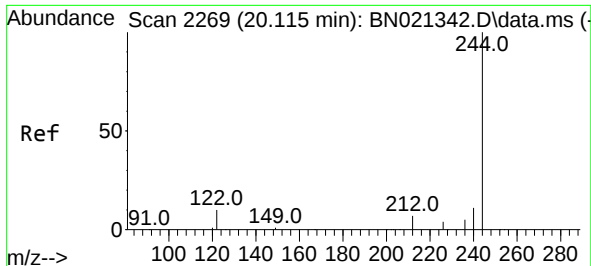
Tgt Ion:212 Resp: 15688
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

Tgt Ion:240 Resp: 11677
Ion Ratio Lower Upper
240 100
120 13.3 10.2 15.4
236 27.3 22.1 33.1

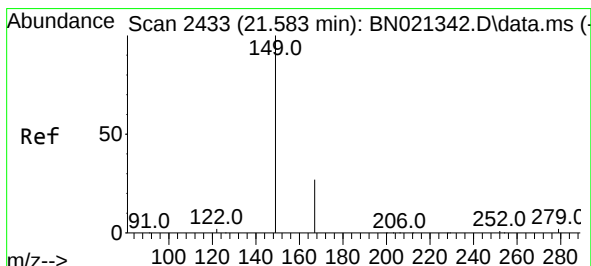
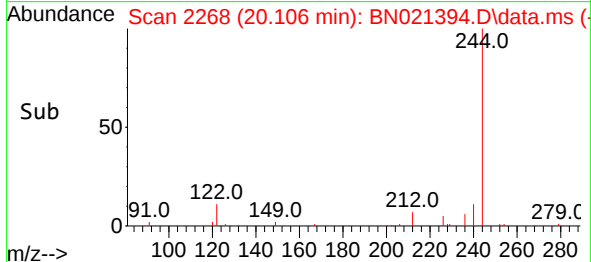
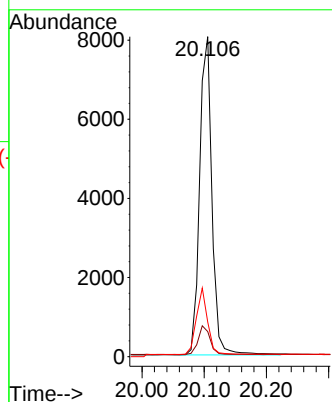
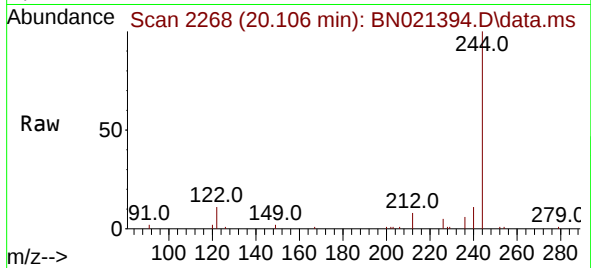




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021394.D
 Acq: 26 Aug 2022 20:49

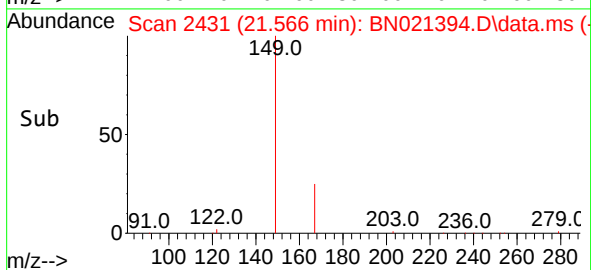
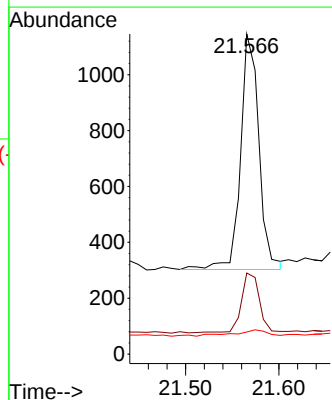
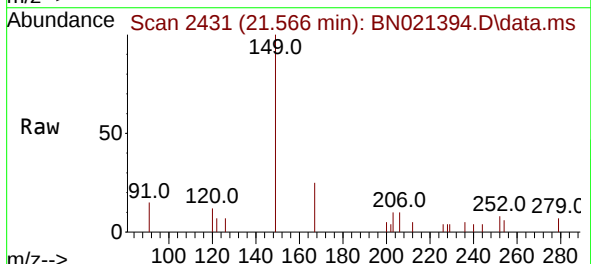
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20220818

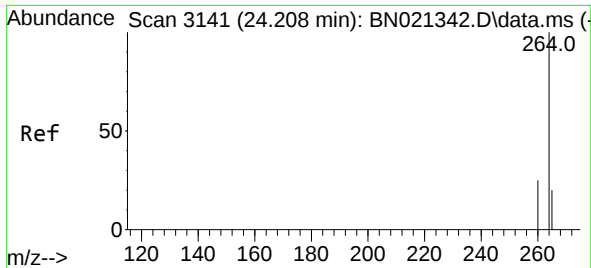
Tgt Ion:244 Resp: 11092
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.8 9.1 13.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021394.D
 Acq: 26 Aug 2022 20:49

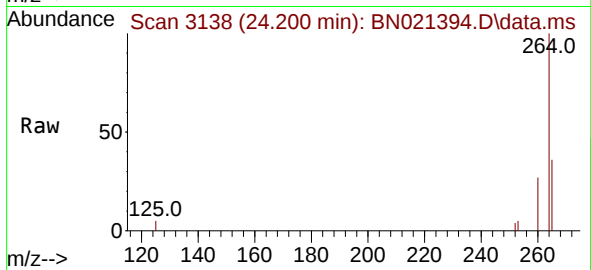
Tgt Ion:149 Resp: 1154
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 3.3 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.200 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN021394.D
Acq: 26 Aug 2022 20:49

Instrument :
BNA_N
ClientSampleId :
RE132D2-20220818



Tgt Ion:264 Resp: 9061
Ion Ratio Lower Upper
264 100
260 26.7 21.0 31.6
265 35.8 32.2 48.2

