

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
 Data File : BN011879.D
 Acq On : 23 Sep 2020 08:31
 Operator : CG/JU
 Sample : L4082-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200915

Quant Time: Sep 23 09:27:17 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 14:36:55 2020
 Response via : Initial Calibration

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

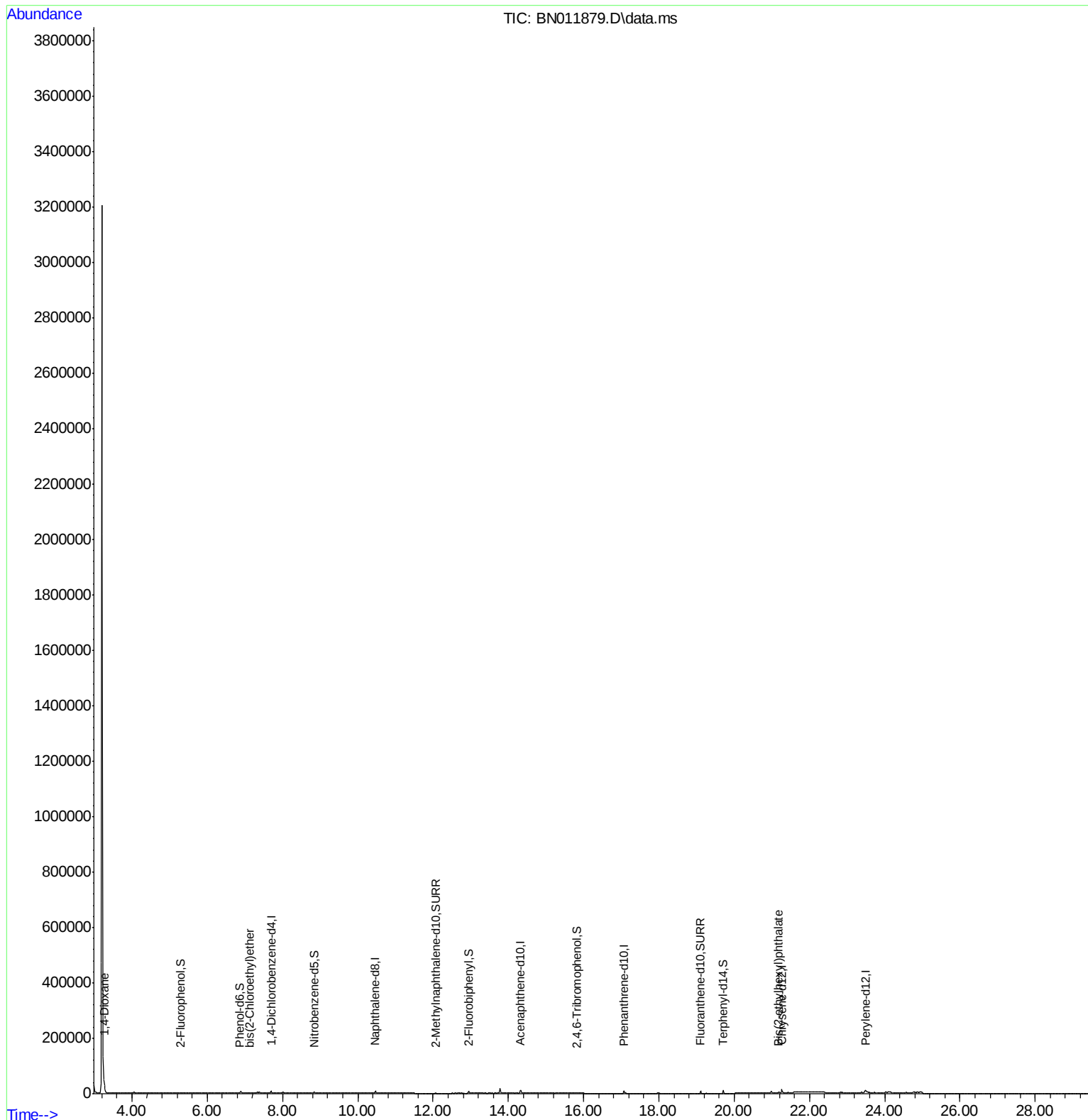
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	3096	0.40	ng	0.00
7) Naphthalene-d8	10.466	136	12841	0.40	ng	#-0.01
13) Acenaphthene-d10	14.332	164	6870	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	13644	0.40	ng	0.00
29) Chrysene-d12	21.269	240	12763	0.40	ng	# 0.00
36) Perylene-d12	23.487	264	12656	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	1329	0.15	ng	0.00
5) Phenol-d6	6.870	99	1033	0.09	ng	0.00
8) Nitrobenzene-d5	8.843	82	3474	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.064	152	5123	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1121	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	7587	0.26	ng	0.00
27) Fluoranthene-d10	19.107	212	11800	0.27	ng	0.00
31) Terphenyl-d14	19.708	244	12044	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.262	88	13364	2.91	ng	98
6) bis(2-Chloroethyl)ether	7.127	93	1033	0.10	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.184	149	3539	0.16	ng	92

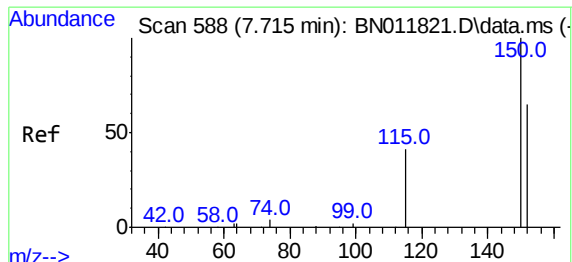
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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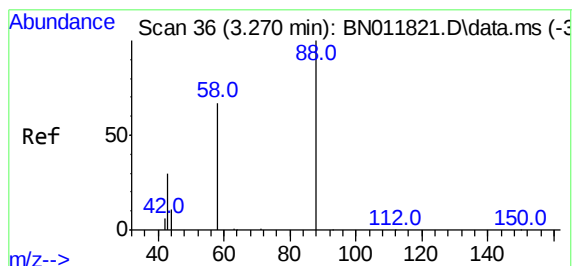
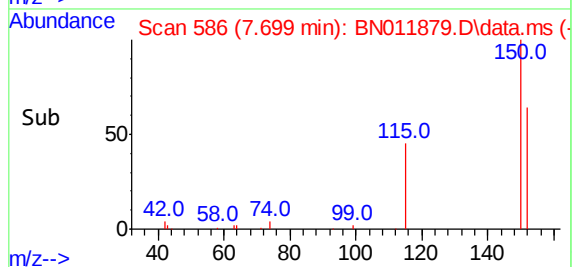
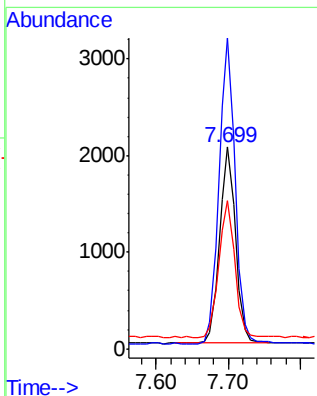
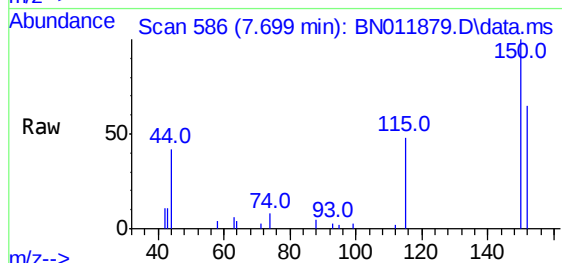




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.699 min Scan# 586
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

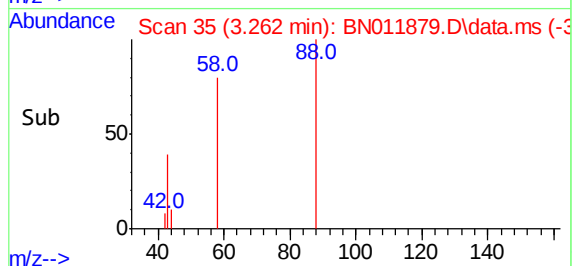
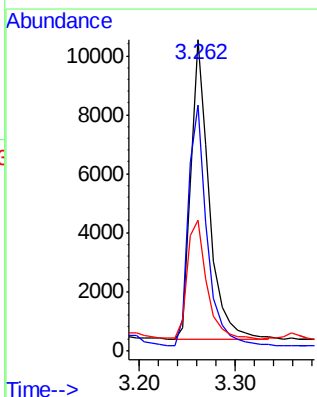
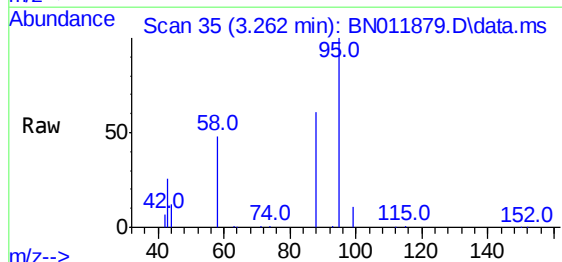
Instrument :
BNA_N
ClientSampleId :
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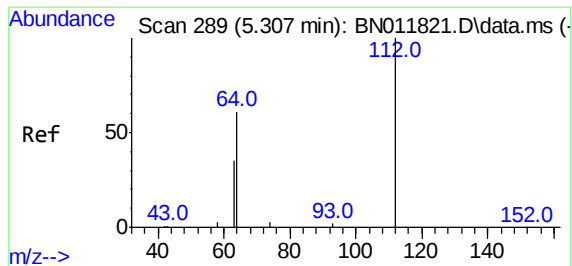
Tgt Ion:152 Resp: 3096
Ion Ratio Lower Upper
152 100
150 154.1 118.3 177.5
115 73.5 51.3 76.9



#2
1,4-Dioxane
Concen: 2.91 ng
RT: 3.262 min Scan# 35
Delta R.T. -0.008 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Tgt Ion: 88 Resp: 13364
Ion Ratio Lower Upper
88 100
58 81.7 63.3 94.9
43 42.1 33.0 49.4

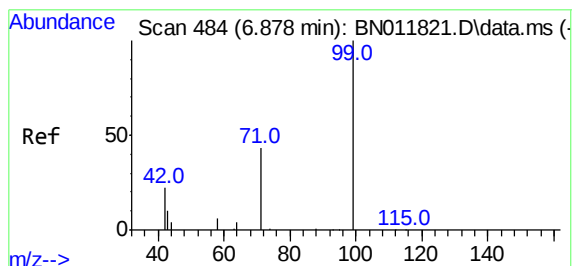
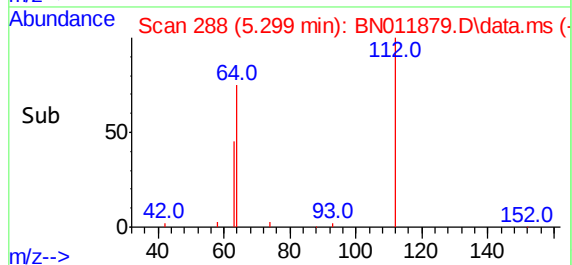
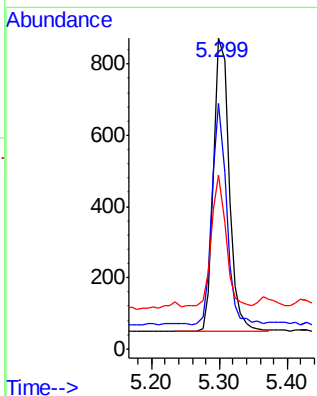
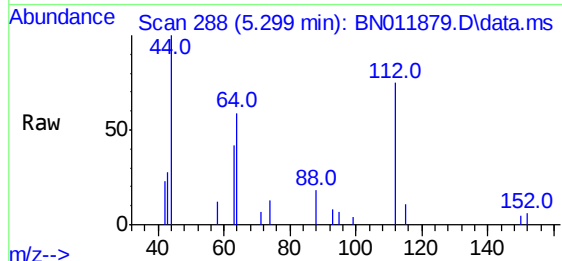




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.299 min Scan# 288
Delta R.T. -0.008 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

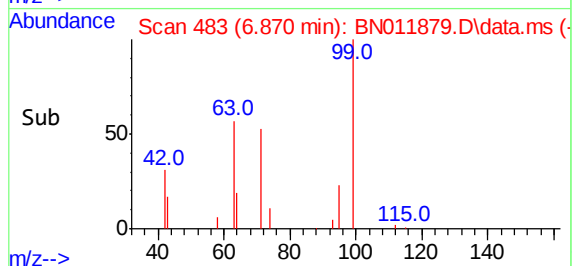
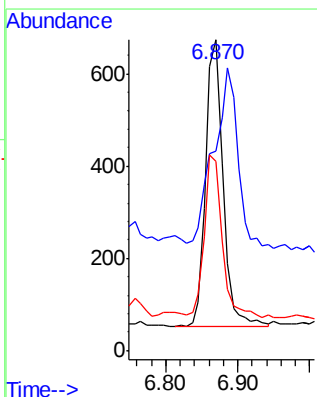
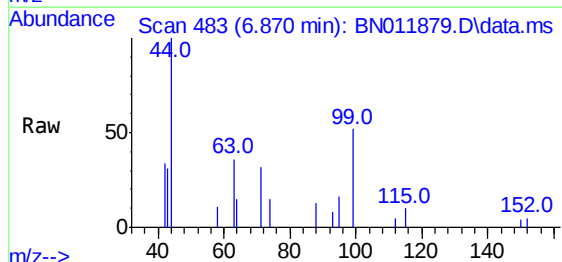
Instrument :
BNA_N
ClientSampleId :
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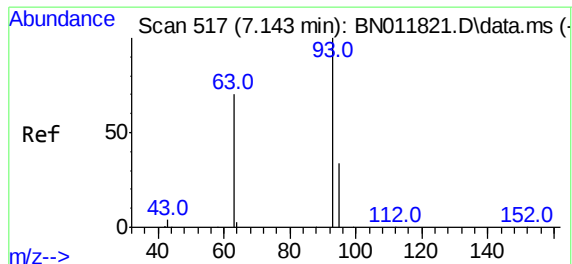
Tgt Ion:112 Resp: 1329
Ion Ratio Lower Upper
112 100
64 69.5 49.0 73.6
63 43.4 31.8 47.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.870 min Scan# 483
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Tgt Ion: 99 Resp: 1033
Ion Ratio Lower Upper
99 100
42 0.0 23.4 35.0#
71 57.4 38.1 57.1#

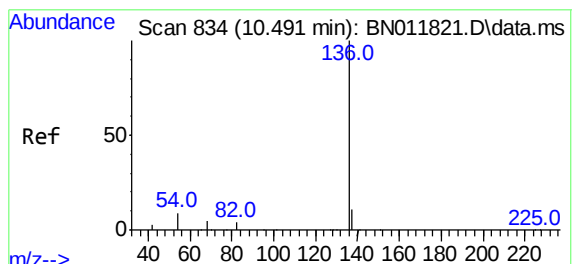
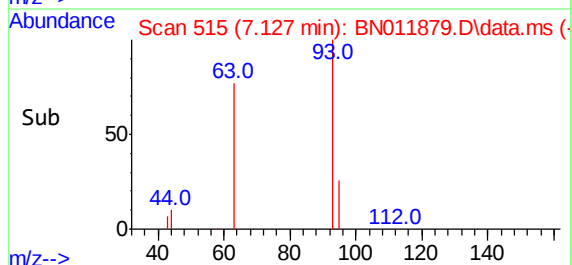
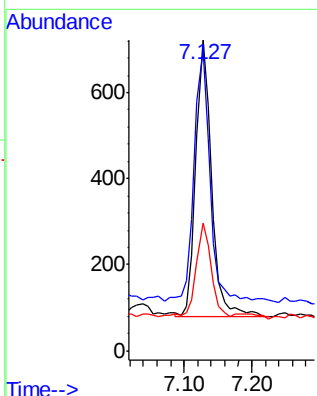
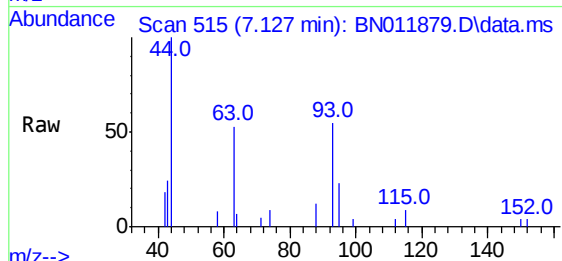




#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.127 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

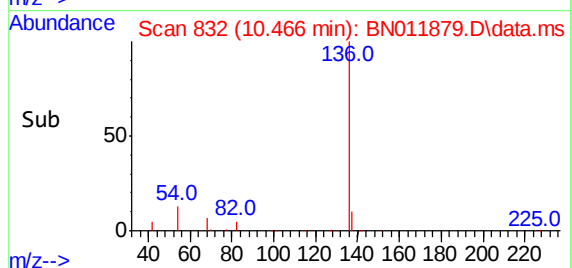
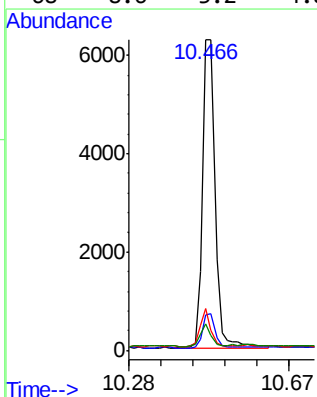
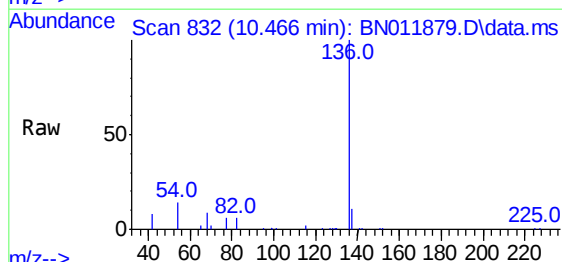
Instrument :
BNA_N
ClientSampleId :
RE108D2-20200915

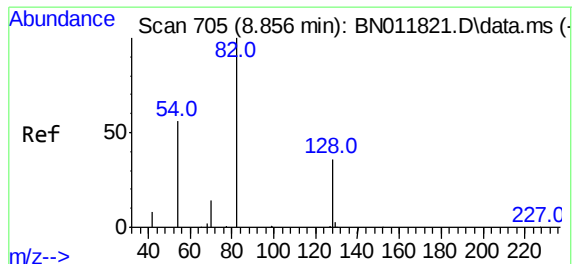
Tgt Ion:	93	Resp:	1033
Ion	Ratio	Lower	Upper
93	100		
63	94.6	61.1	91.7#
95	33.7	25.5	38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.466 min Scan# 832
Delta R.T. -0.013 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Tgt Ion:	136	Resp:	12841
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	13.6	5.6	8.4#
68	8.6	3.2	4.8#

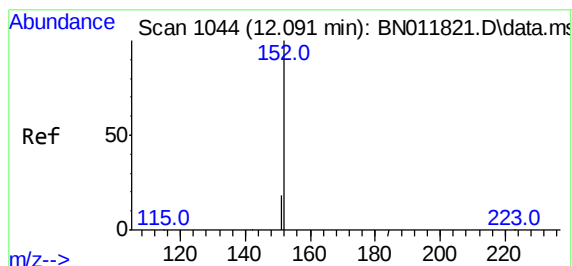
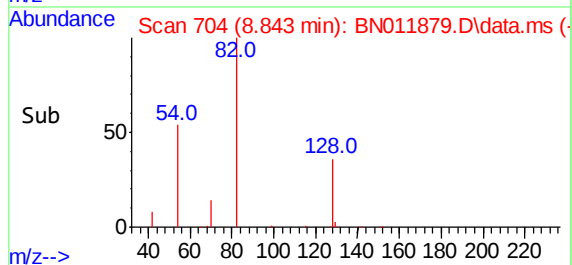
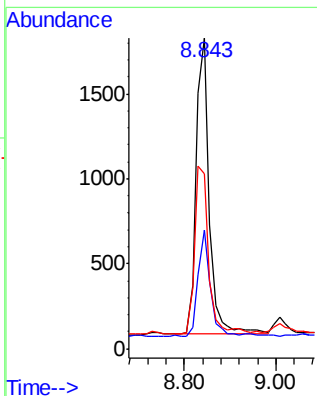
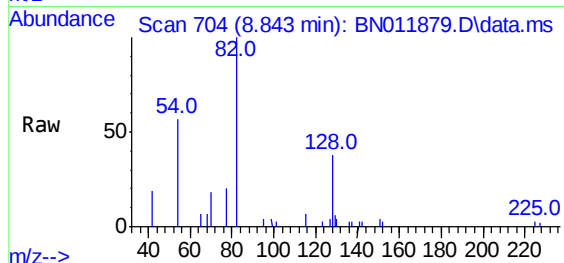




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.843 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

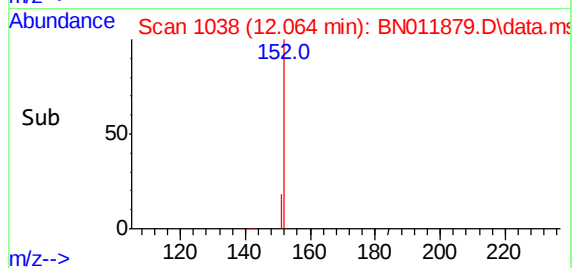
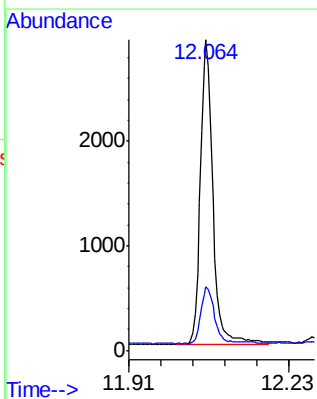
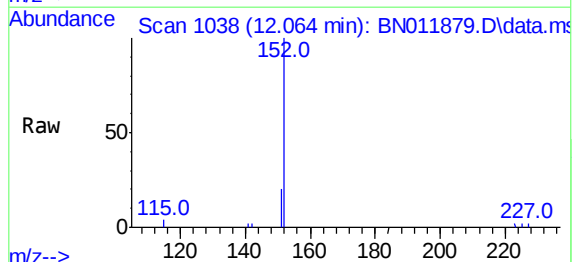
Instrument :
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ClientSampleId :
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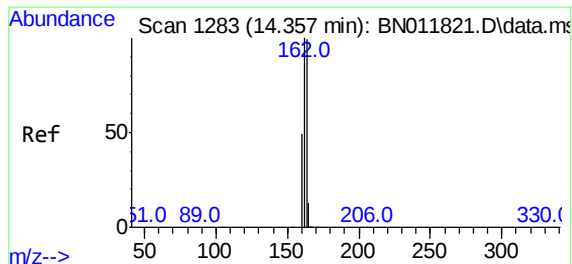
Tgt Ion: 82 Resp: 3474
Ion Ratio Lower Upper
82 100
128 38.0 34.2 51.2
54 56.5 43.1 64.7



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.064 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Tgt Ion: 152 Resp: 5123
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1

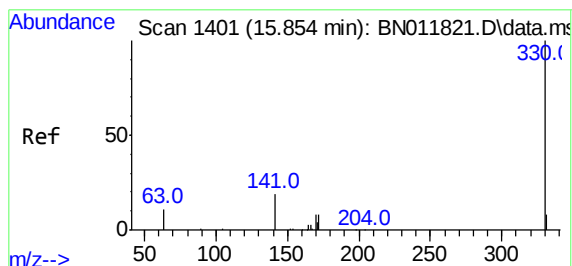
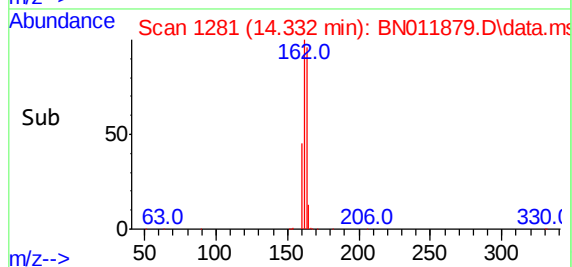
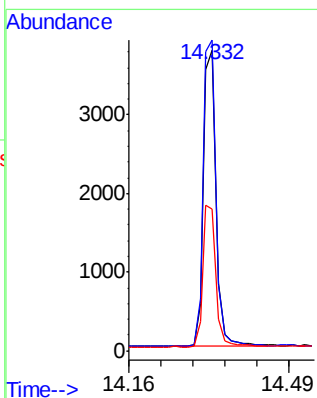
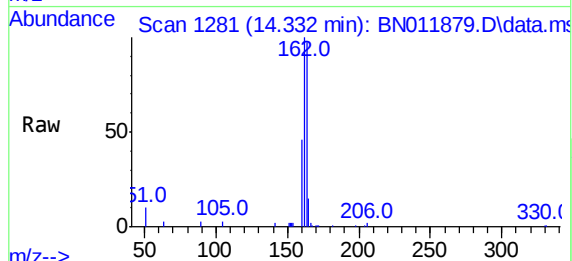




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

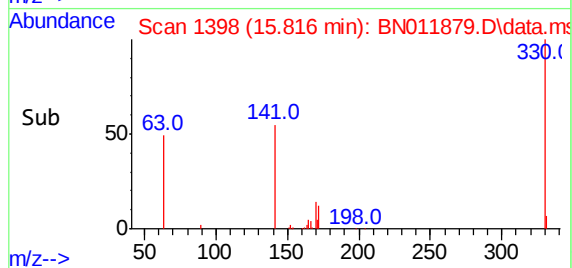
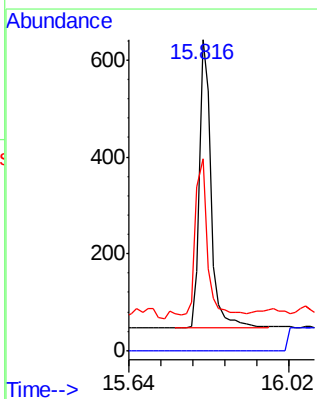
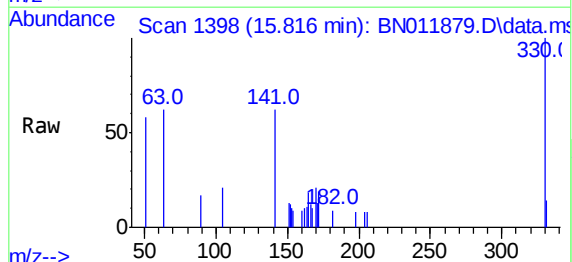
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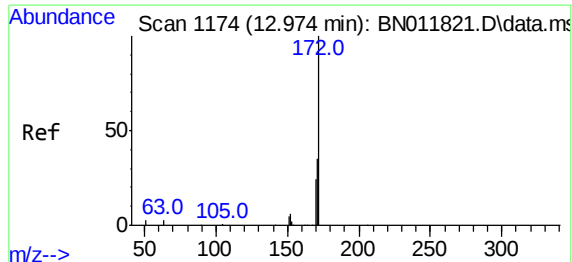
Tgt Ion:164 Resp: 6870
Ion Ratio Lower Upper
164 100
162 103.5 83.6 125.4
160 47.4 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

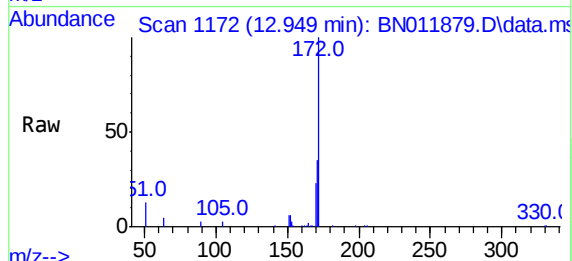
Tgt Ion:330 Resp: 1121
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.3 33.7 50.5#



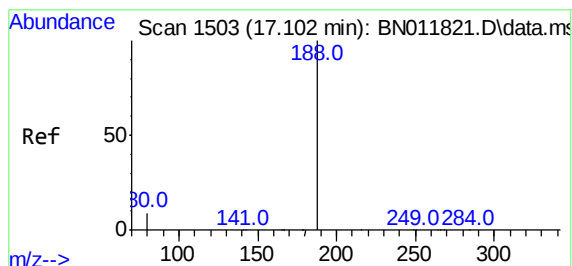
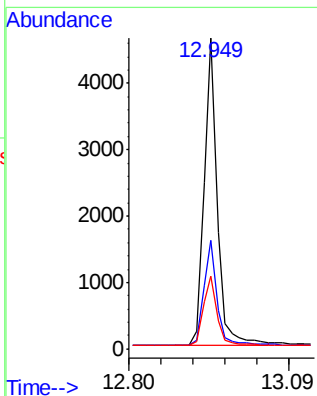
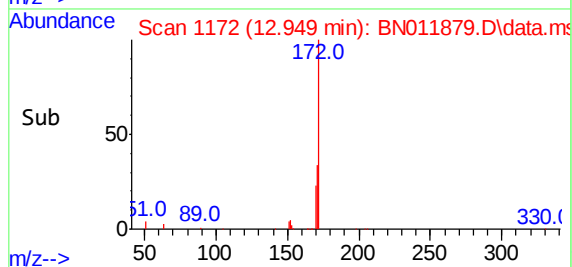


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.949 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Instrument :
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ClientSampleId :
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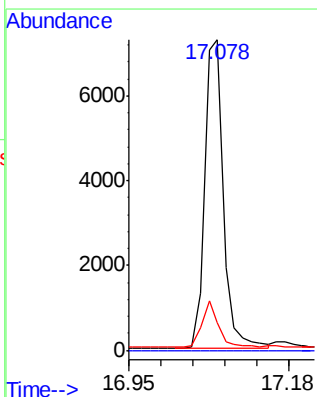
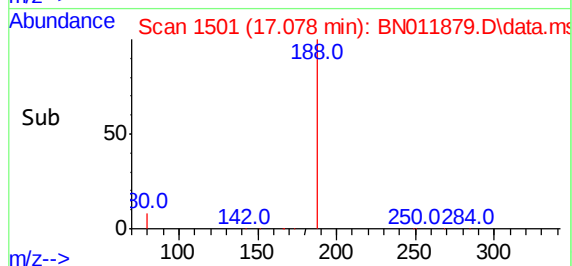
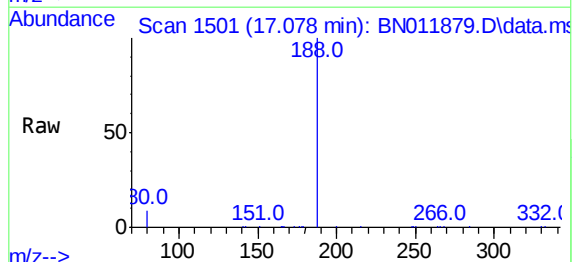


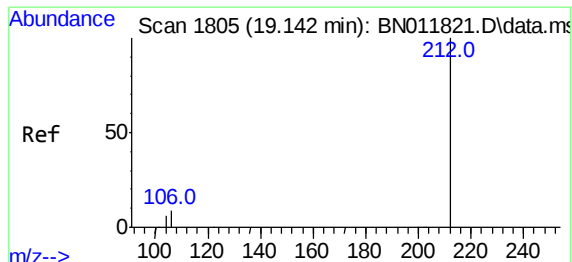
Tgt Ion:	172	Resp:	7587
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.2
170	23.4	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Tgt Ion:	188	Resp:	13644
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.7	11.5

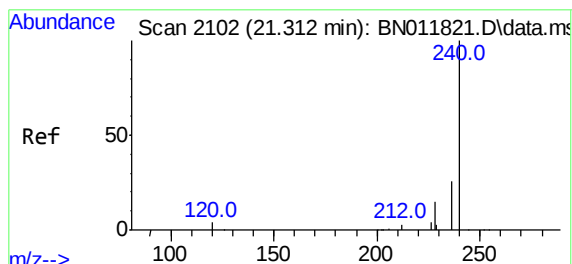
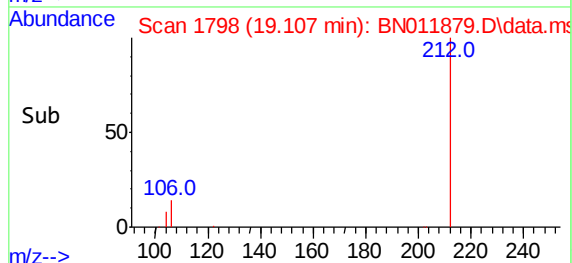
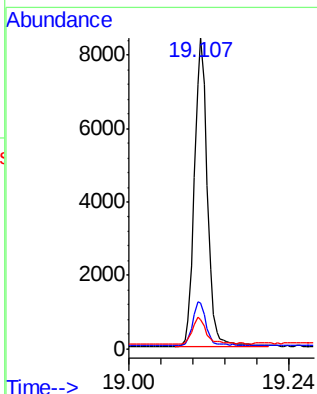
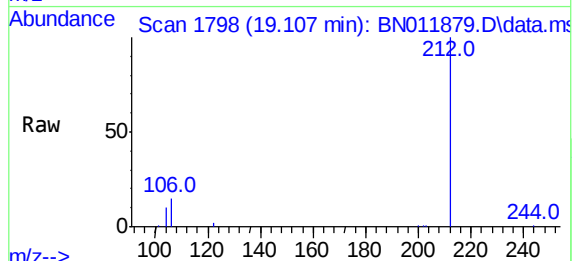




#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.107 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

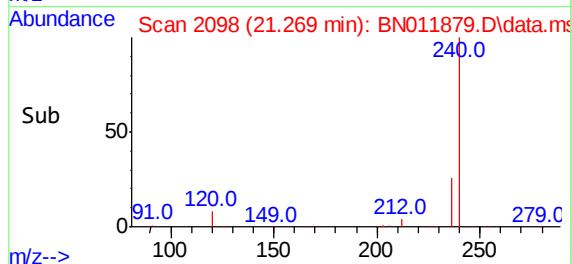
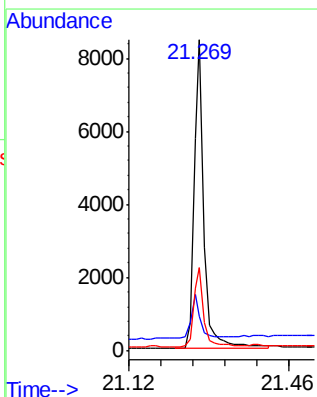
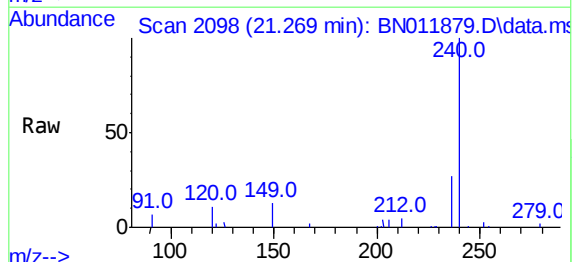
Instrument :
BNA_N
ClientSampleId :
RE108D2-20200915

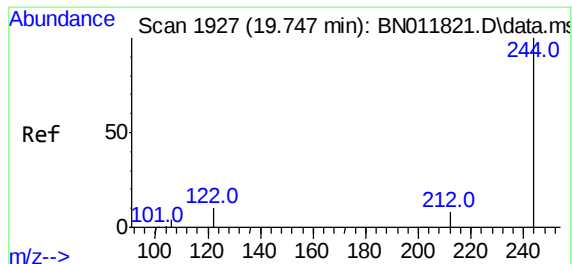
Tgt Ion:212 Resp: 11800
Ion Ratio Lower Upper
212 100
106 14.7 6.4 9.6#
104 9.2 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.269 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Tgt Ion:240 Resp: 12763
Ion Ratio Lower Upper
240 100
120 11.2 3.5 5.3#
236 26.6 20.5 30.7

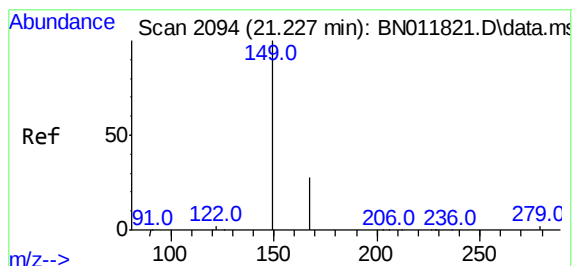
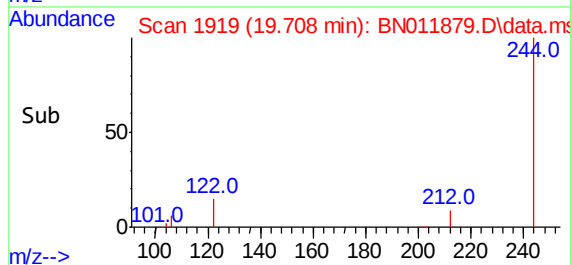
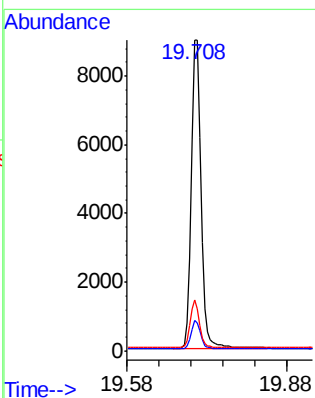
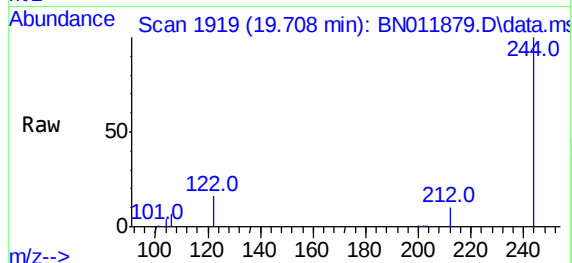




#31
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 19.708 min Scan# 1919
 Delta R.T. -0.005 min
 Lab File: BN011879.D
 Acq: 23 Sep 2020 08:31

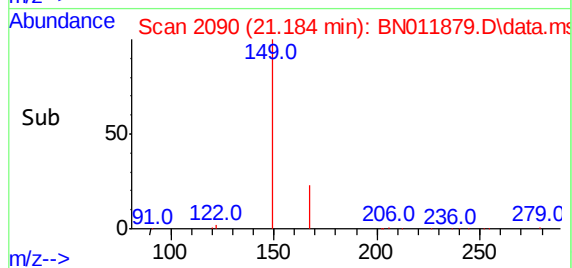
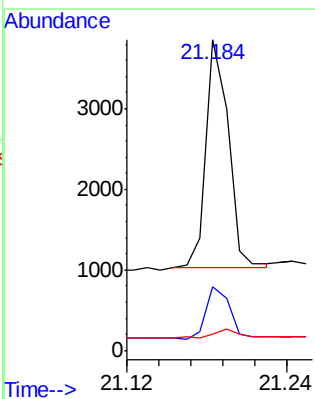
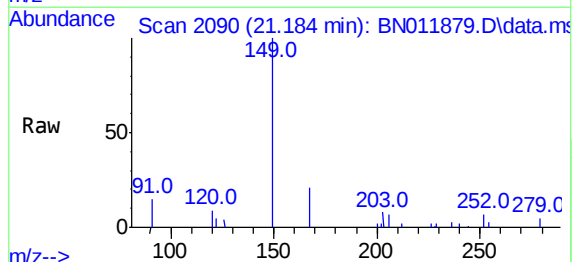
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200915

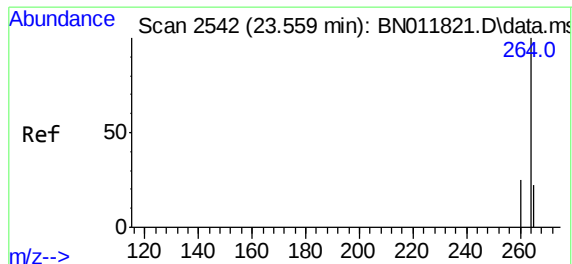
Tgt Ion:	244	Resp:	12044
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	16.2	7.8	11.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.184 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: BN011879.D
 Acq: 23 Sep 2020 08:31

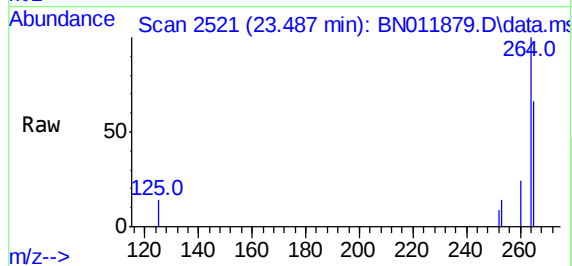
Tgt Ion:	149	Resp:	3539
Ion	Ratio	Lower	Upper
149	100		
167	24.8	23.6	35.4
279	4.2	4.0	6.0





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.487 min Scan# 2521
Delta R.T. -0.003 min
Lab File: BN011879.D
Acq: 23 Sep 2020 08:31

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200915



Tgt Ion:264 Resp: 12656
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 66.3 38.6 58.0#

