

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
 Data File : BN011874.D
 Acq On : 23 Sep 2020 05:30
 Operator : CG/JU
 Sample : L4082-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20200915

Quant Time: Sep 23 08:30:27 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

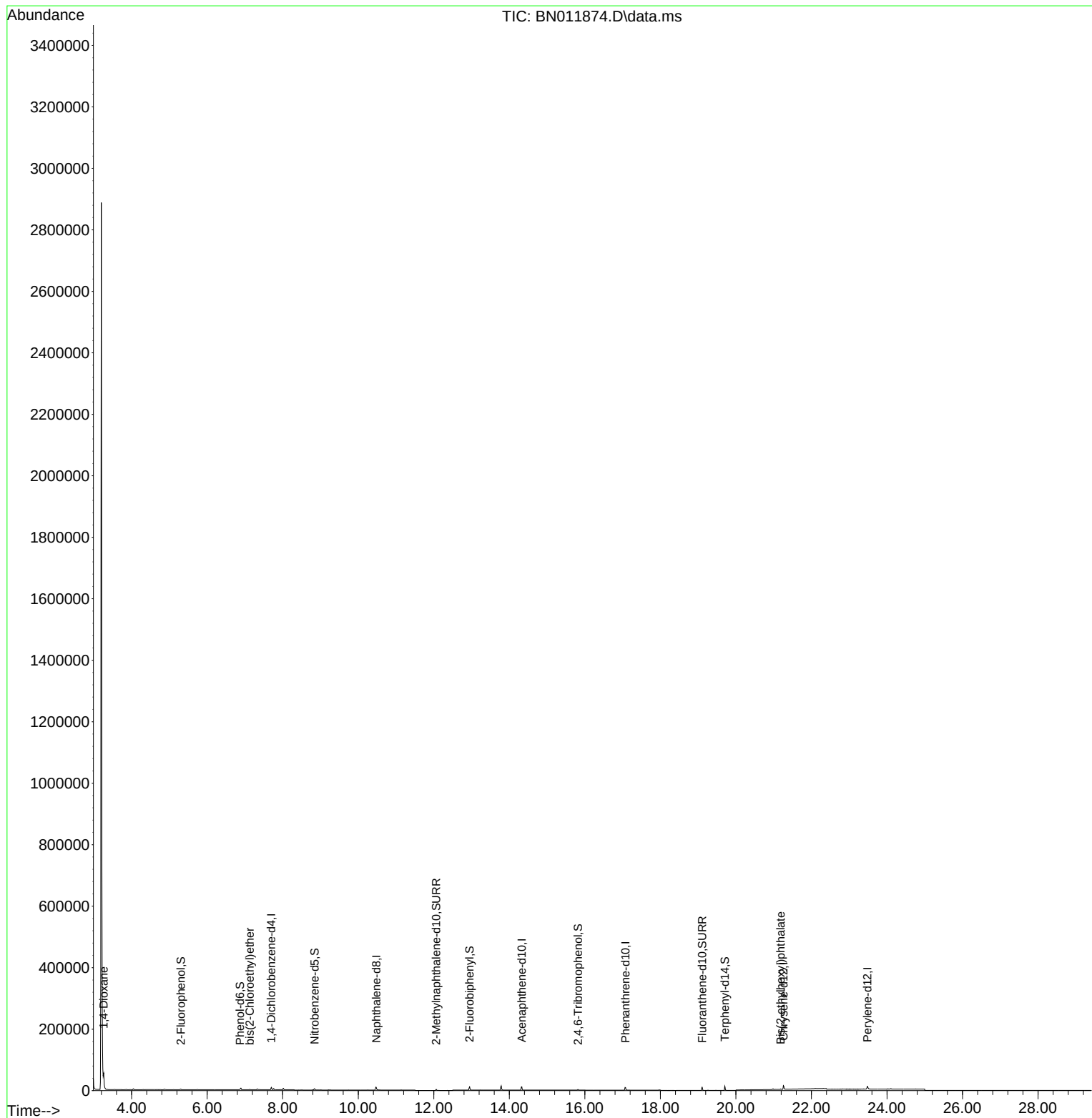
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	3329	0.40	ng	0.00
7) Naphthalene-d8	10.478	136	13988	0.40	ng	# 0.00
13) Acenaphthene-d10	14.331	164	7589	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	15021	0.40	ng	0.00
29) Chrysene-d12	21.259	240	13515	0.40	ng	#-0.01
36) Perylene-d12	23.484	264	13125	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	1464	0.15	ng	0.00
5) Phenol-d6	6.869	99	1064	0.09	ng	0.00
8) Nitrobenzene-d5	8.843	82	3831	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.064	152	5500	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	1299	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.948	172	9741	0.30	ng	0.00
27) Fluoranthene-d10	19.107	212	13114	0.28	ng	0.00
31) Terphenyl-d14	19.707	244	13407	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	20177	4.08	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	7.127	93	703	0.07	ng	87
34) Bis(2-ethylhexyl)phtha...	21.184	149	1430	0.06	ng	# 90

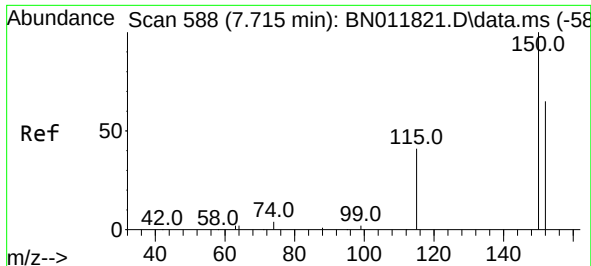
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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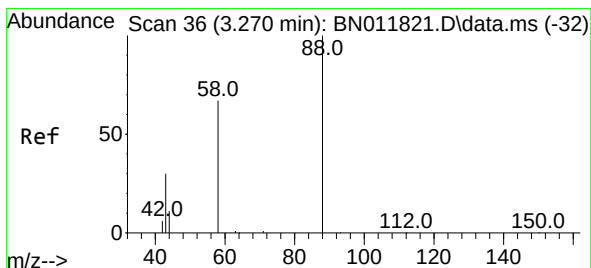
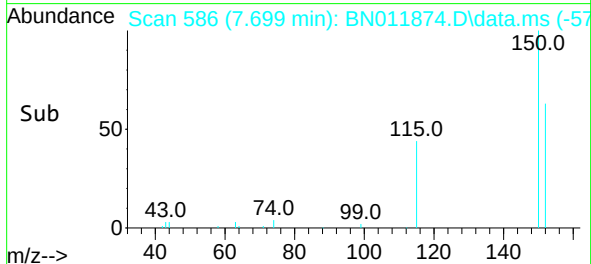
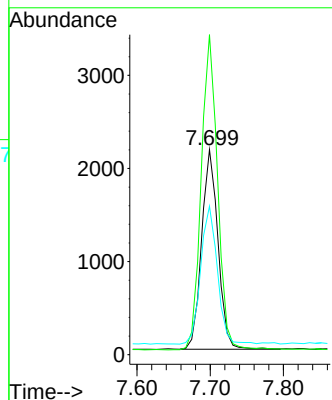
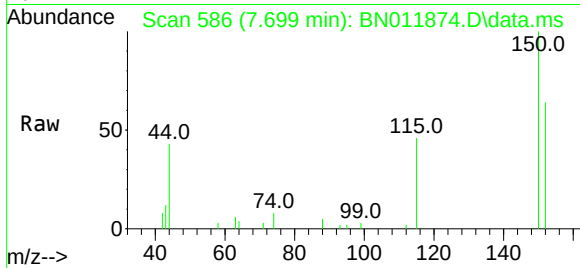




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.699 min Scan# 586
 Delta R.T. -0.000 min
 Lab File: BN011874.D
 Acq: 23 Sep 2020 05:30

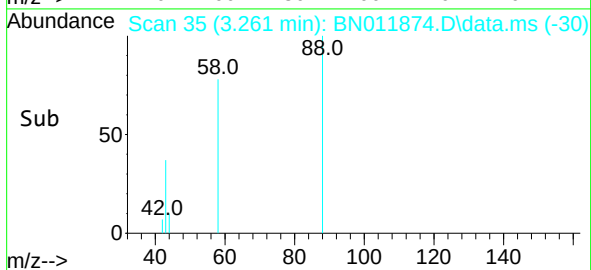
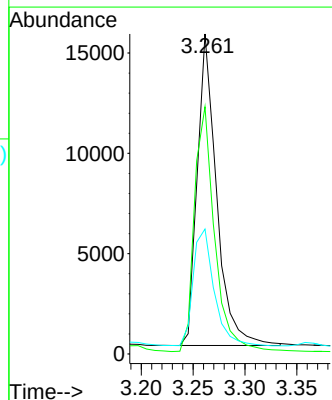
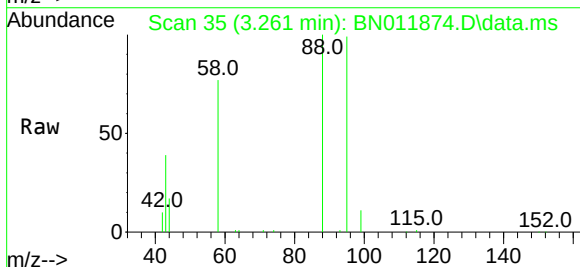
Instrument :
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 RE105D2-20200915

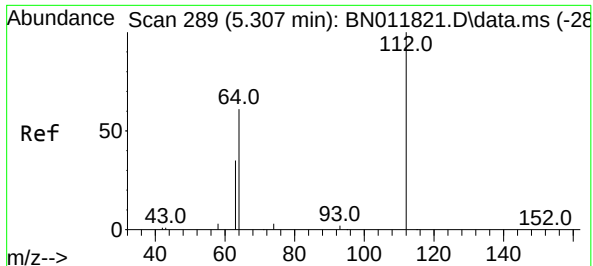
Tgt Ion: 152 Resp: 3329
 Ion Ratio Lower Upper
 152 100
 150 156.0 118.3 177.5
 115 72.4 51.3 76.9



#2
 1,4-Dioxane
 Concen: 4.08 ng
 RT: 3.261 min Scan# 35
 Delta R.T. -0.008 min
 Lab File: BN011874.D
 Acq: 23 Sep 2020 05:30

Tgt Ion: 88 Resp: 20177
 Ion Ratio Lower Upper
 88 100
 58 81.8 63.3 94.9
 43 40.5 33.0 49.4

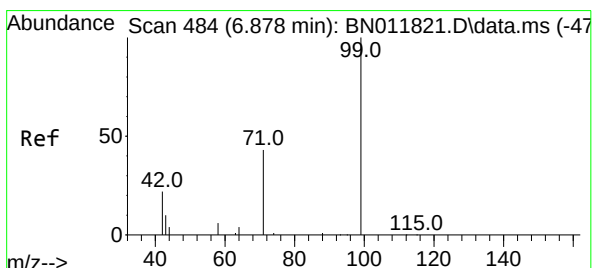
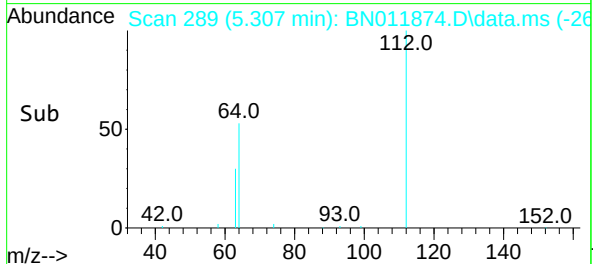
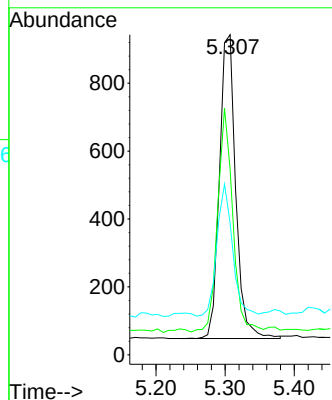
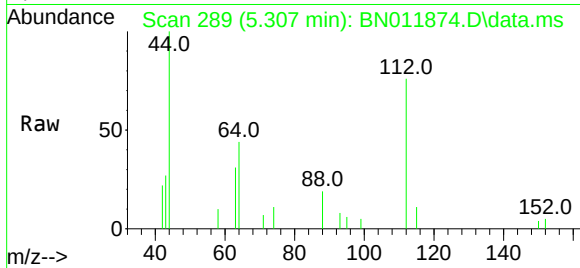




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.307 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

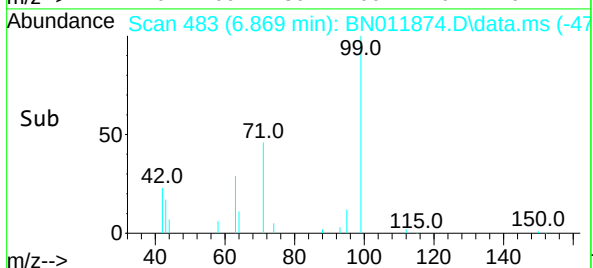
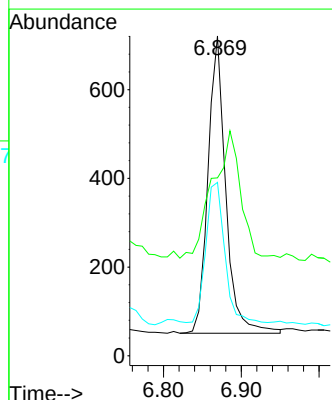
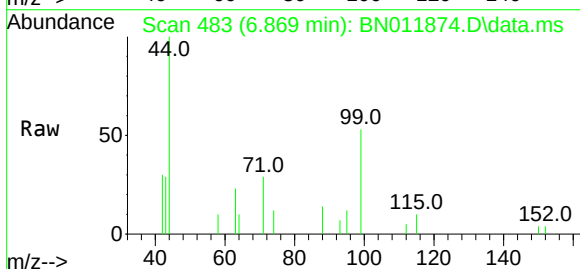
Instrument :
BNA_N
ClientSampleId :
RE105D2-20200915

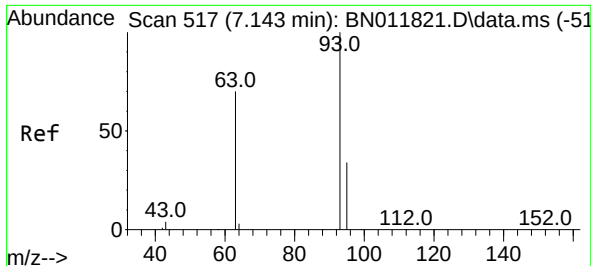
Tgt Ion:112 Resp: 1464
Ion Ratio Lower Upper
112 100
64 68.3 49.0 73.6
63 41.6 31.8 47.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.869 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

Tgt Ion: 99 Resp: 1064
Ion Ratio Lower Upper
99 100
42 66.5 23.4 35.0#
71 50.8 38.1 57.1

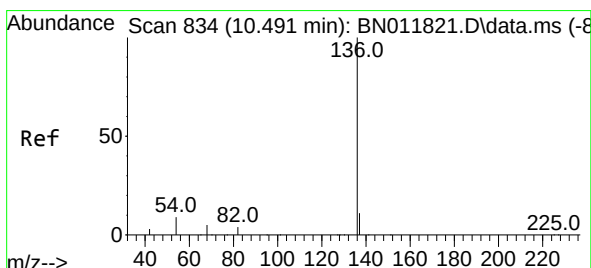
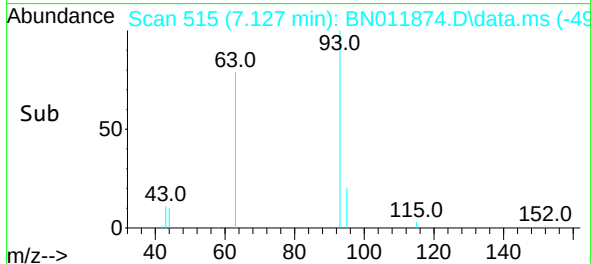
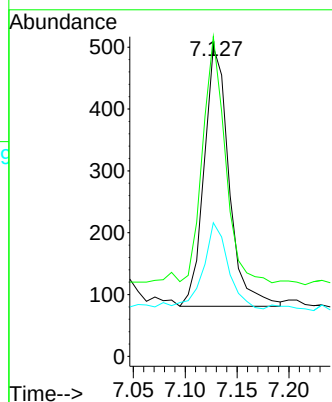
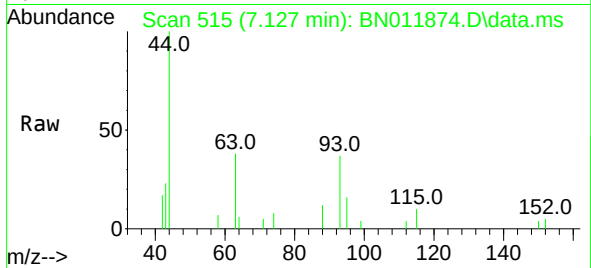




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.127 min Scan# 515
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

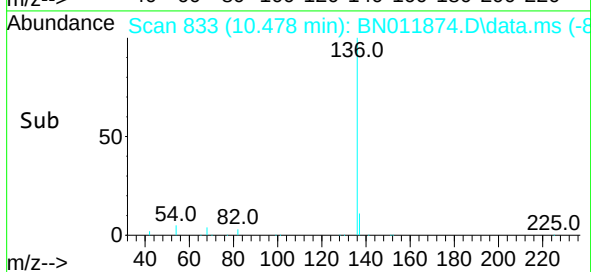
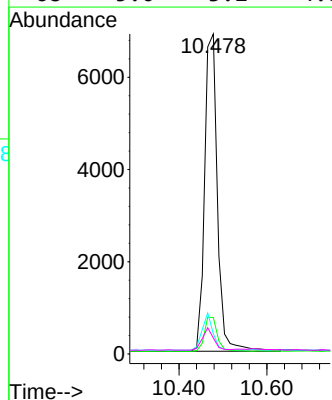
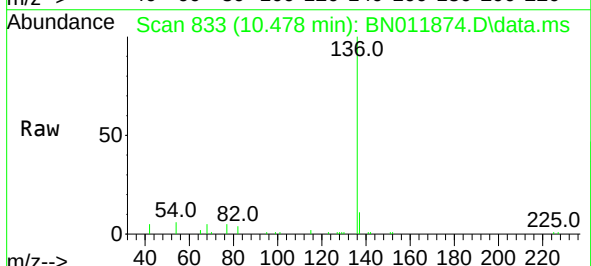
Instrument :
BNA_N
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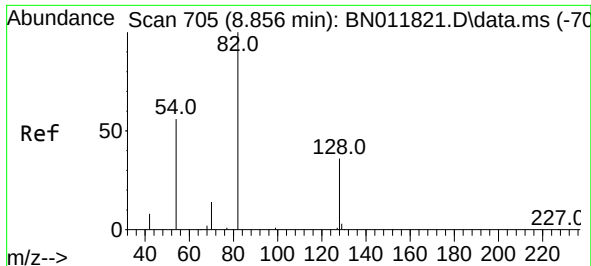
Tgt Ion:	93	Resp:	703
Ion	Ratio	Lower	Upper
93	100		
63	91.3	61.1	91.7
95	33.9	25.5	38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.478 min Scan# 833
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

Tgt Ion:	136	Resp:	13988
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	6.3	5.6	8.4
68	5.0	3.2	4.8

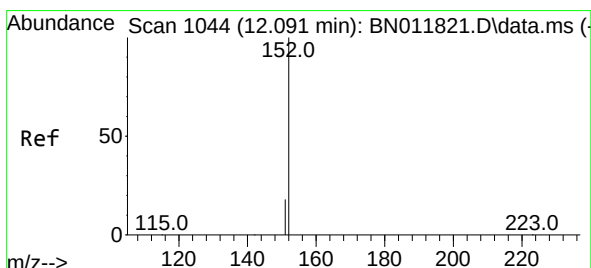
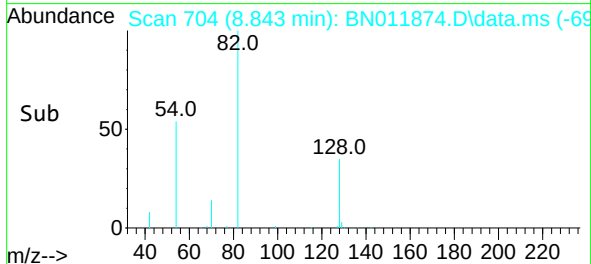
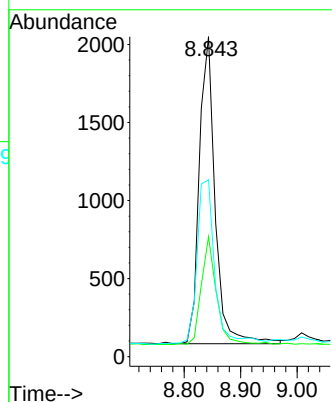
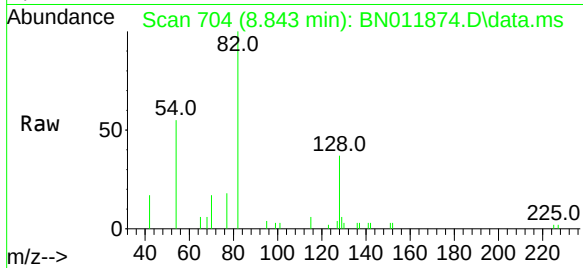




#8
 Nitrobenzene-d5
 Concen: 0.27 ng
 RT: 8.843 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: BN011874.D
 Acq: 23 Sep 2020 05:30

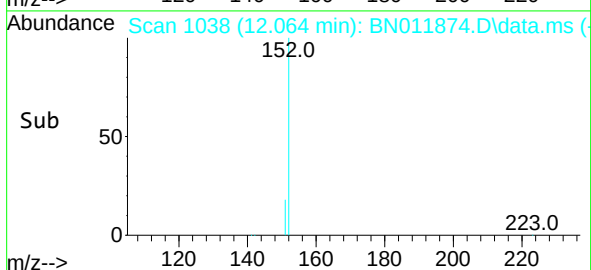
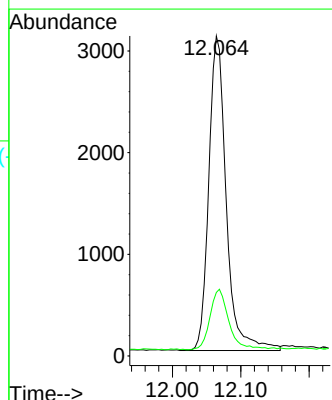
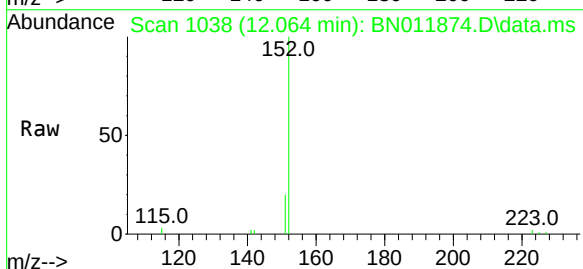
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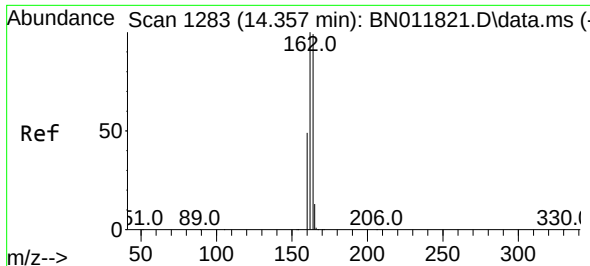
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.2	51.2
54	55.3	43.1	64.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.22 ng
 RT: 12.064 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: BN011874.D
 Acq: 23 Sep 2020 05:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

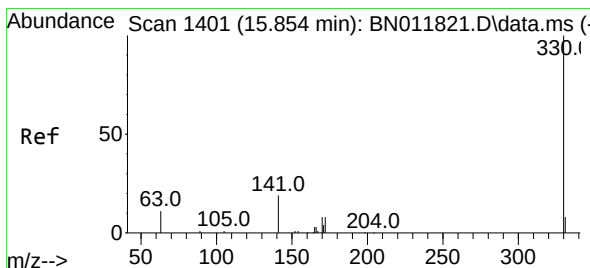
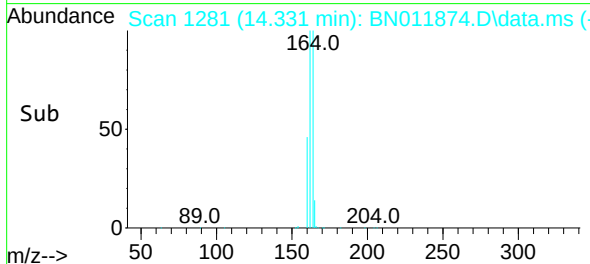
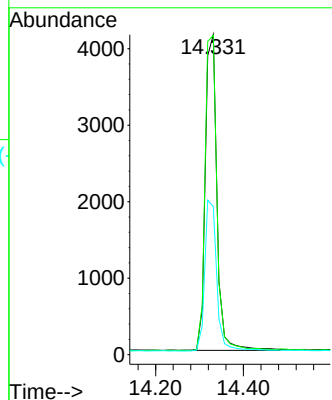
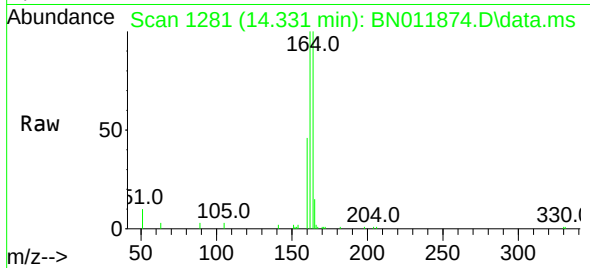




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.331 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

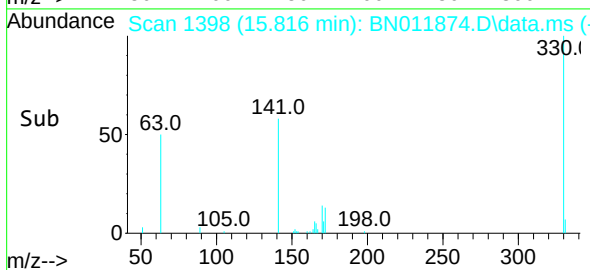
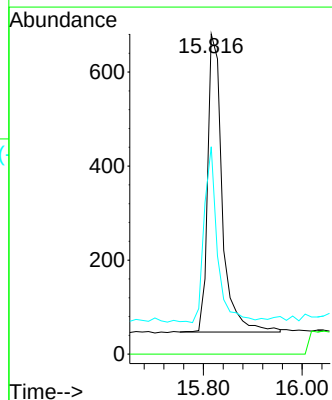
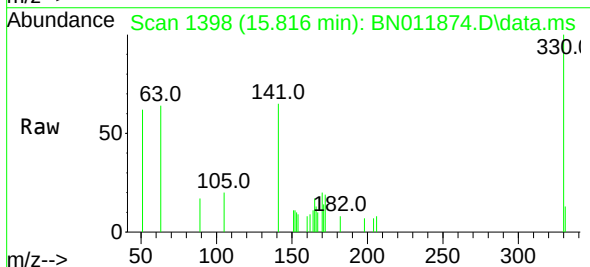
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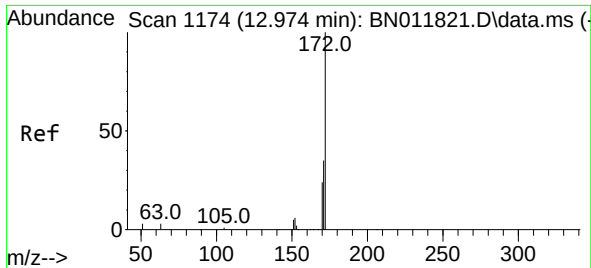
Tgt Ion:164 Resp: 7589
Ion Ratio Lower Upper
164 100
162 99.8 83.6 125.4
160 46.3 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.816 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

Tgt Ion:330 Resp: 1299
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.8 33.7 50.5#

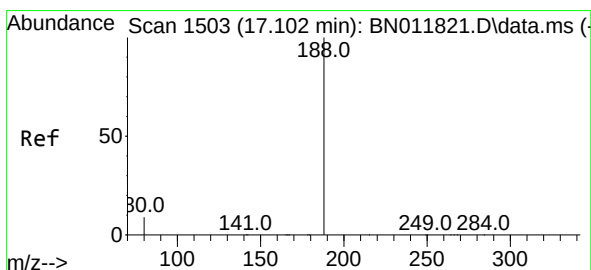
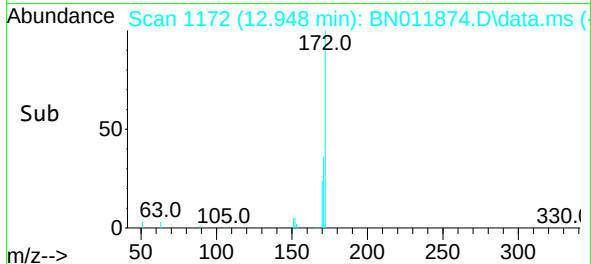
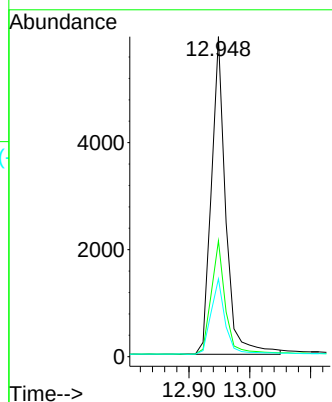
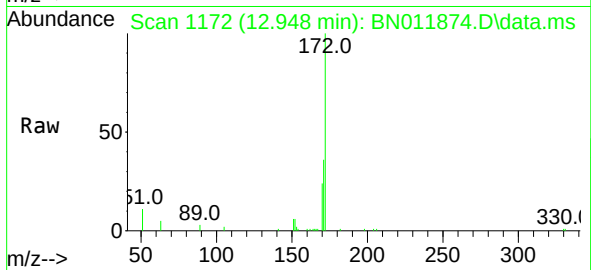




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.948 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

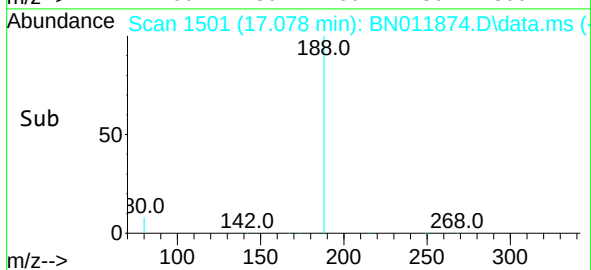
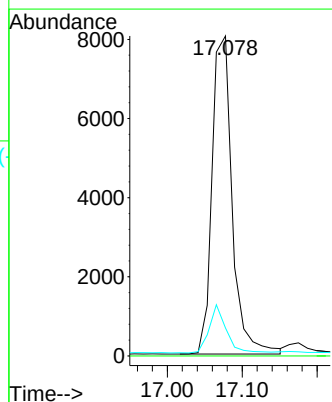
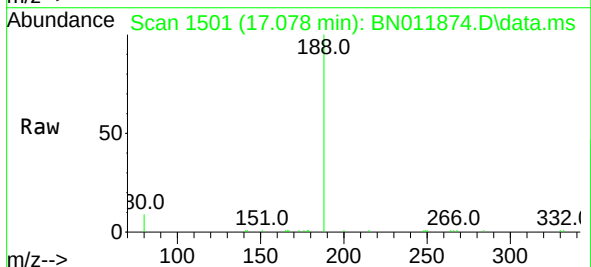
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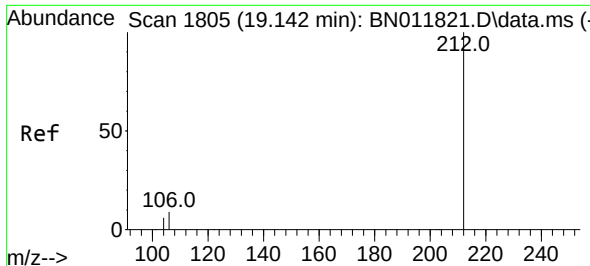
Tgt Ion:	172	Resp:	9741
Ion Ratio	Lower	Upper	
172	100		
171	36.2	27.4	41.2
170	24.3	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

Tgt Ion:	188	Resp:	15021
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.8	7.7	11.5

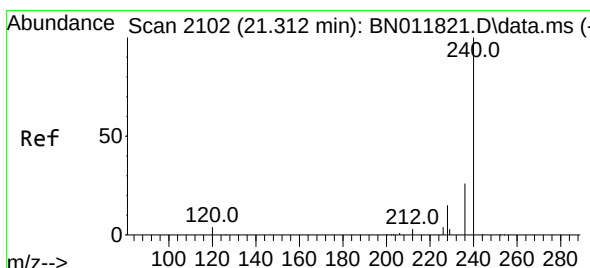
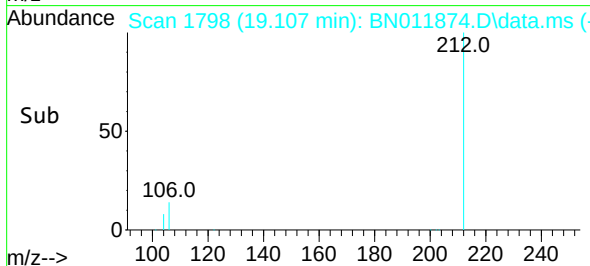
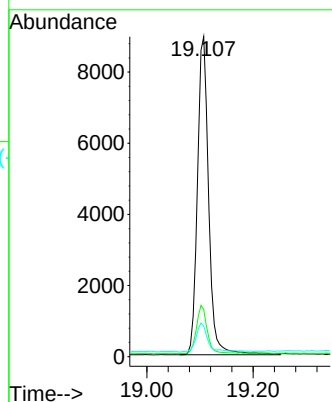
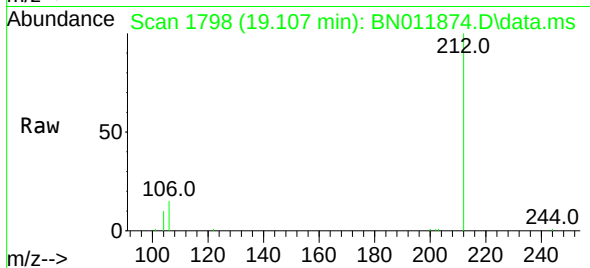




#27
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.107 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

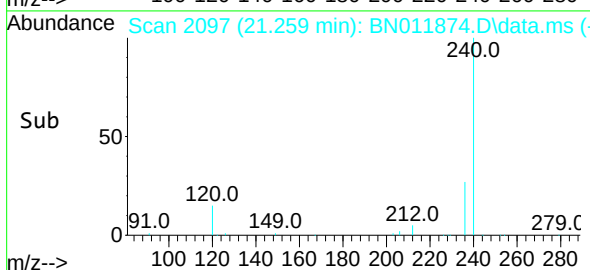
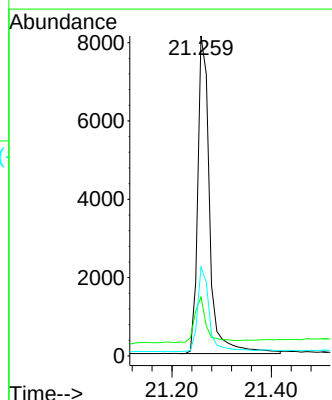
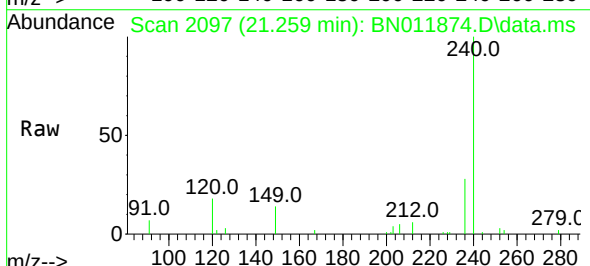
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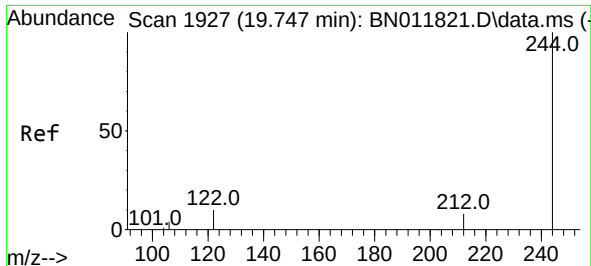
Tgt Ion:212 Resp: 13114
Ion Ratio Lower Upper
212 100
106 14.6 6.4 9.6#
104 9.3 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

Tgt Ion:240 Resp: 13515
Ion Ratio Lower Upper
240 100
120 18.4 3.5 5.3#
236 27.8 20.5 30.7

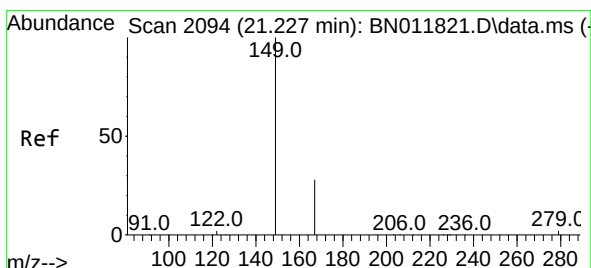
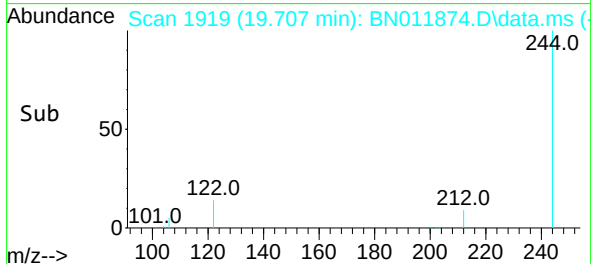
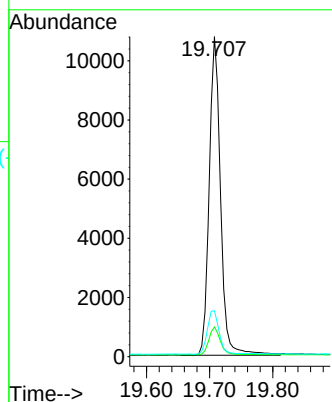
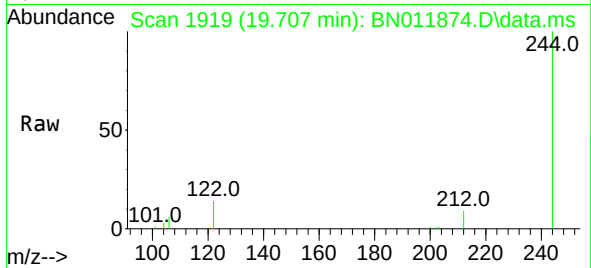




#31
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 19.707 min Scan# 1919
 Delta R.T. -0.005 min
 Lab File: BN011874.D
 Acq: 23 Sep 2020 05:30

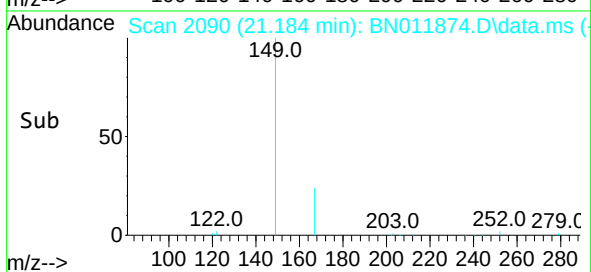
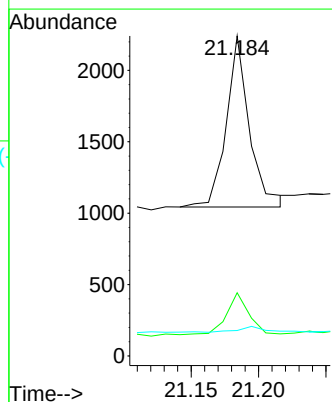
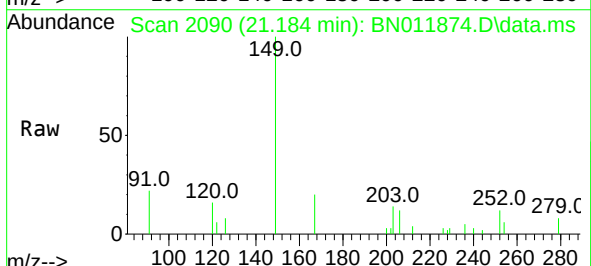
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20200915

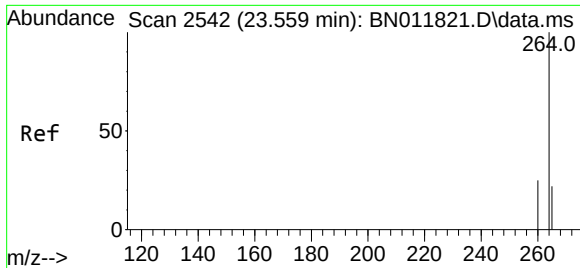
Tgt Ion:244 Resp: 13407
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.3 10.9
 122 14.3 7.8 11.6#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.184 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: BN011874.D
 Acq: 23 Sep 2020 05:30

Tgt Ion:149 Resp: 1430
 Ion Ratio Lower Upper
 149 100
 167 23.8 23.6 35.4
 279 3.6 4.0 6.0#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.484 min Scan# 2520
Delta R.T. -0.007 min
Lab File: BN011874.D
Acq: 23 Sep 2020 05:30

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200915

Tgt Ion:264 Resp: 13125
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 67.7 38.6 58.0#

