

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092120\
 Data File : BN011848.D
 Acq On : 21 Sep 2020 16:33
 Operator : CG/JU
 Sample : L4064-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200916

Quant Time: Sep 21 17:08:13 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 12:19:13 2020
 Response via : Initial Calibration

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

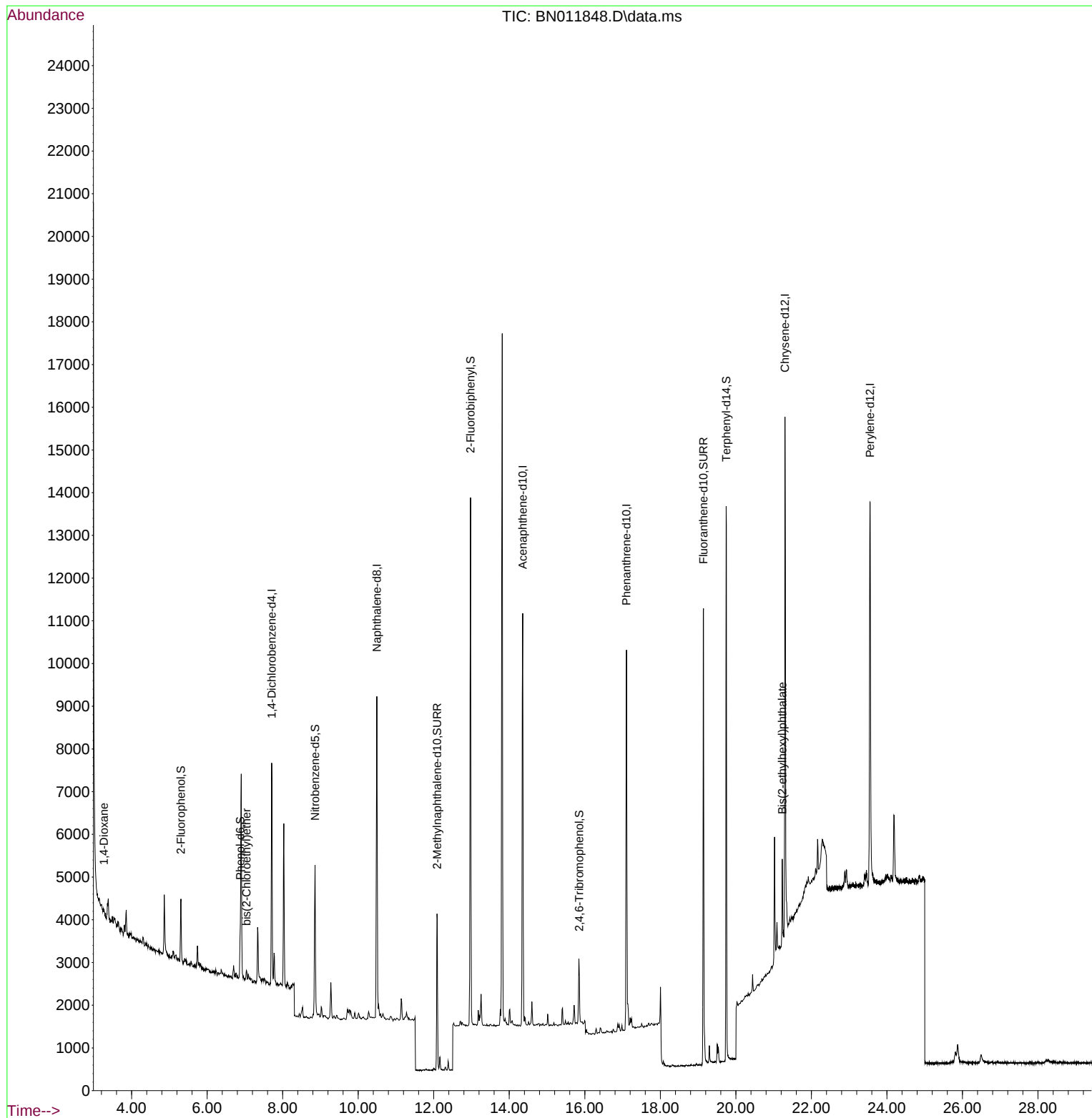
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	2474	0.40	ng	0.00
7) Naphthalene-d8	10.491	136	9857	0.40	ng	# 0.00
13) Acenaphthene-d10	14.357	164	5888	0.40	ng	0.00
19) Phenanthrene-d10	17.102	188	12514	0.40	ng	# 0.00
29) Chrysene-d12	21.301	240	12687	0.40	ng	# 0.00
36) Perylene-d12	23.552	264	12610	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	1133	0.16	ng	0.00
5) Phenol-d6	6.878	99	824	0.09	ng	0.00
8) Nitrobenzene-d5	8.856	82	3033	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	5033	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	1223	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	10682	0.42	ng	0.00
27) Fluoranthene-d10	19.142	212	12686	0.32	ng	0.00
31) Terphenyl-d14	19.742	244	13437	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	113	0.03	ng	# 60
6) bis(2-Chloroethyl)ether	7.039	93	360	0.05	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.227	149	1732	0.08	ng	96

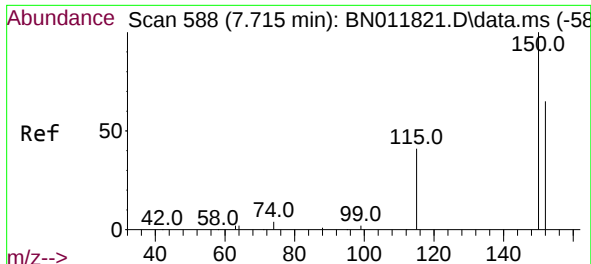
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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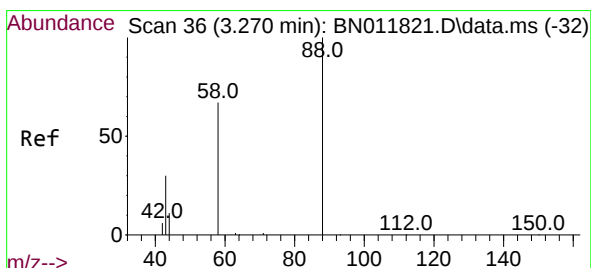
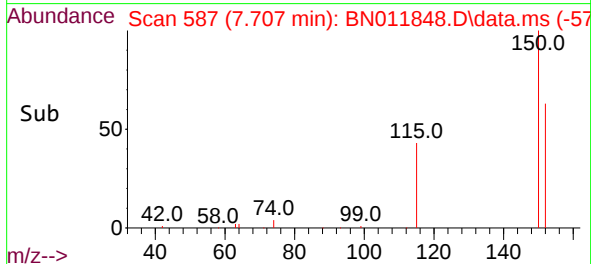
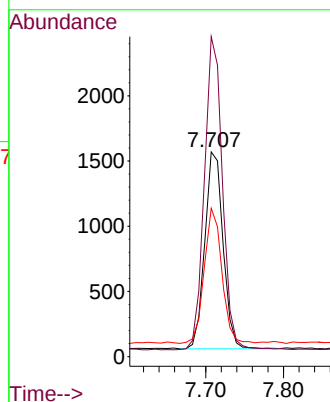
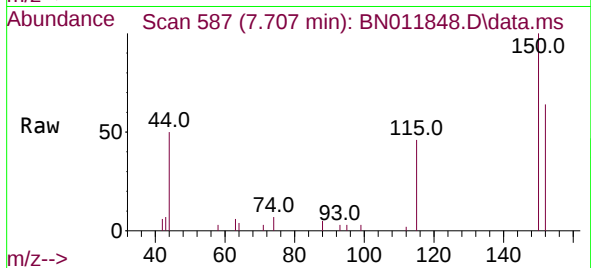




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.707 min Scan# 587
Delta R.T. -0.008 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

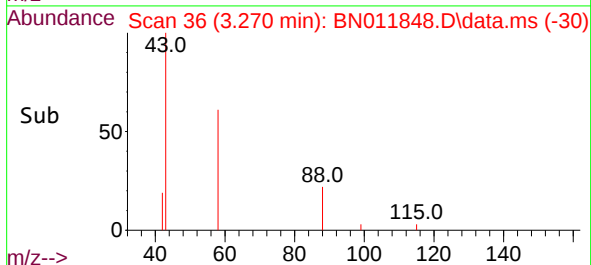
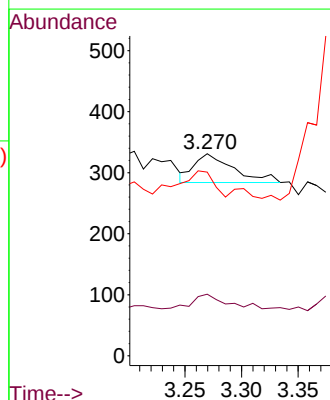
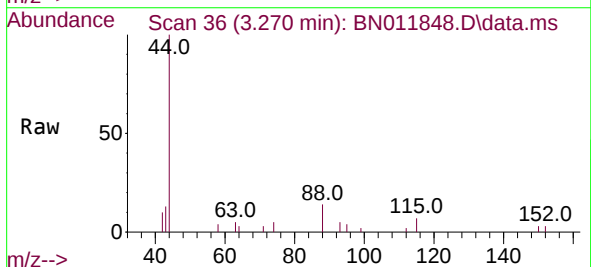
Instrument :
BNA_N
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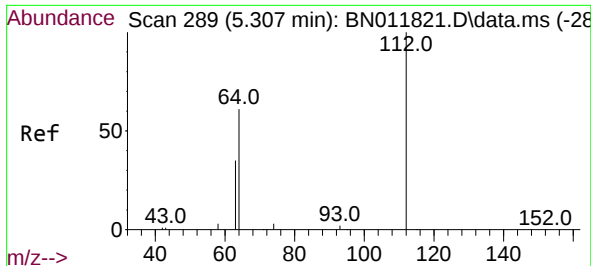
Tgt Ion:152 Resp: 2474
Ion Ratio Lower Upper
152 100
150 156.3 118.3 177.5
115 72.5 51.3 76.9



#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.270 min Scan# 36
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
58 42.5 63.3 94.9#
43 63.7 33.0 49.4#

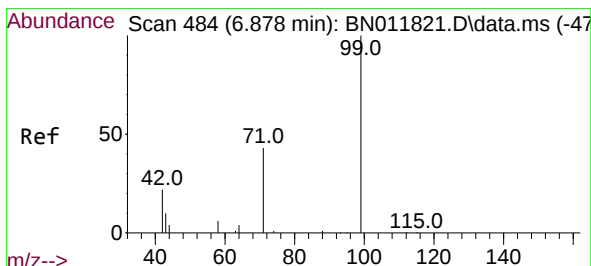
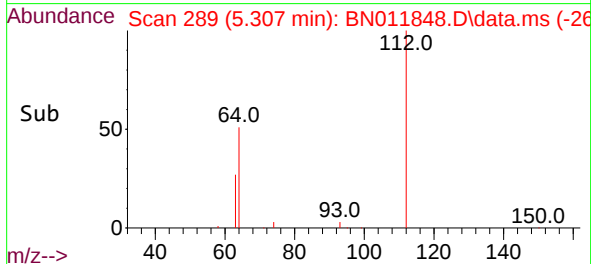
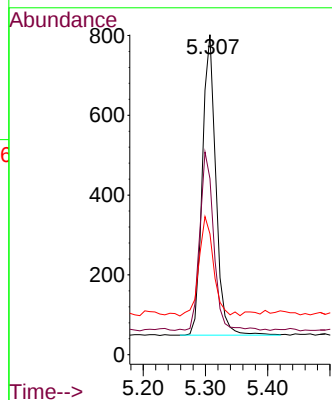
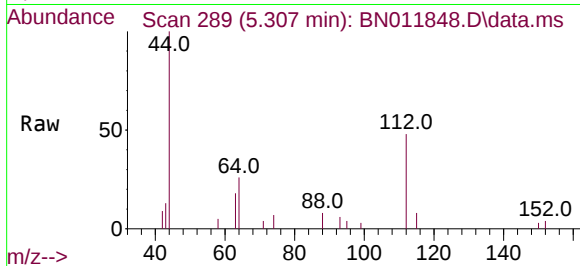




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.307 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

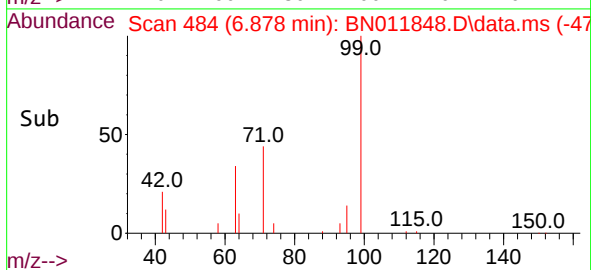
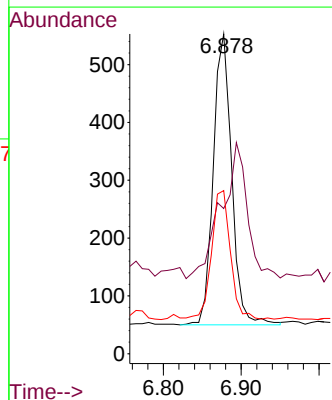
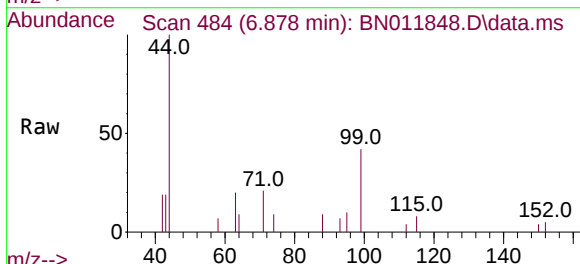
Instrument :
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ClientSampleId :
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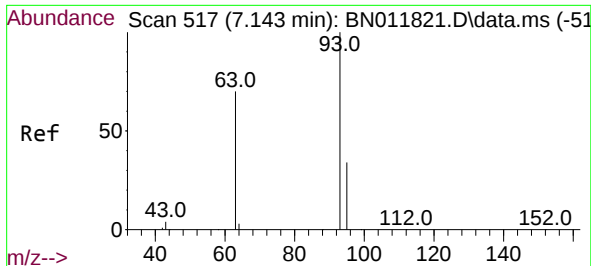
Tgt Ion:	112	Resp:	1133
Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.0	73.6
63	35.7	31.8	47.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.878 min Scan# 484
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion:	99	Resp:	824
Ion	Ratio	Lower	Upper
99	100		
42	68.6	23.4	35.0#
71	45.3	38.1	57.1

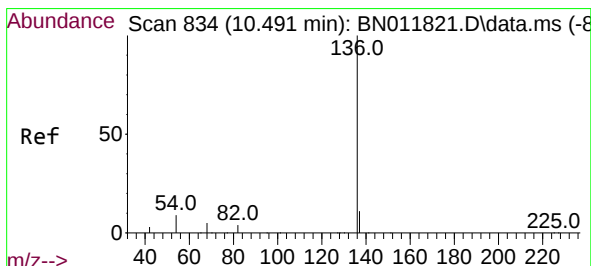
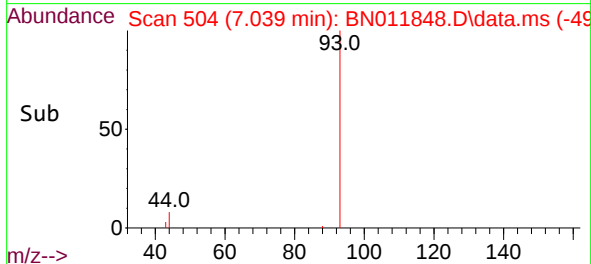
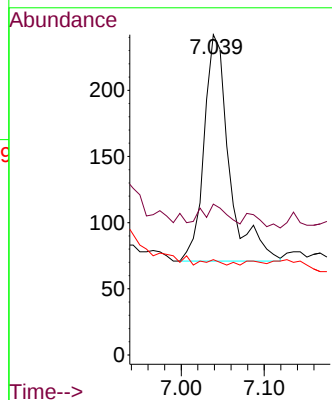
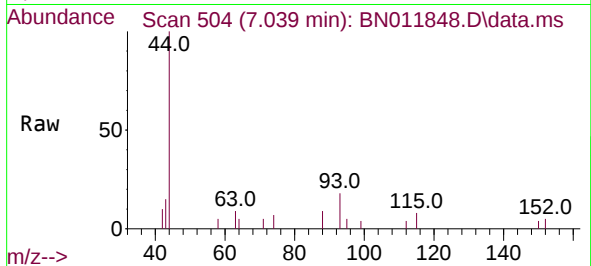




#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.039 min Scan# 504
Delta R.T. -0.096 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

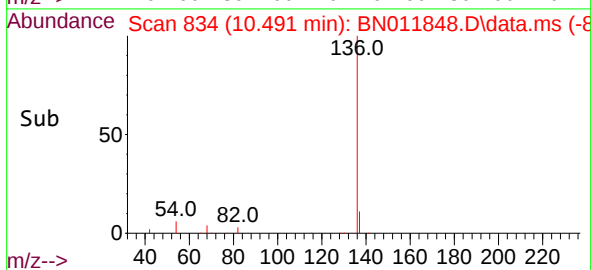
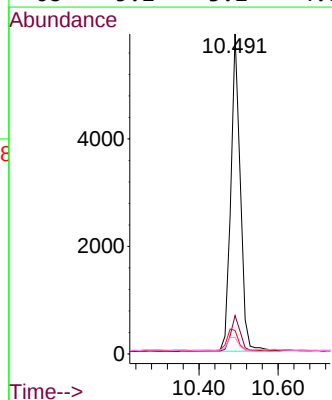
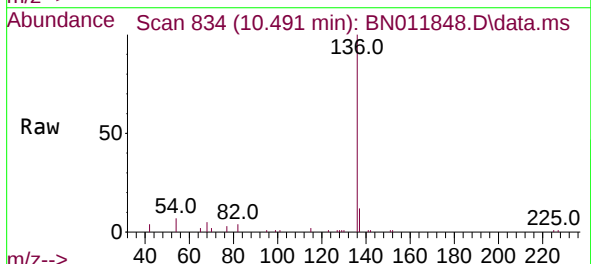
Instrument :
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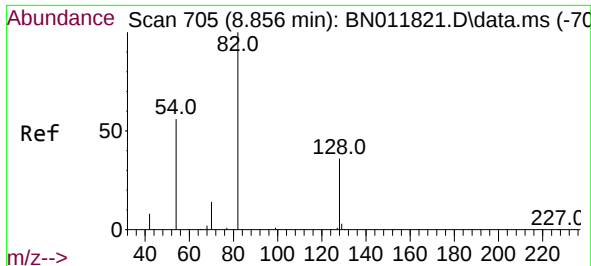
Tgt Ion: 93 Resp: 360
Ion Ratio Lower Upper
93 100
63 7.5 61.1 91.7#
95 0.0 25.5 38.3#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.491 min Scan# 834
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 136 Resp: 9857
Ion Ratio Lower Upper
136 100
137 12.0 9.5 14.3
54 7.3 5.6 8.4
68 5.2 3.2 4.8#

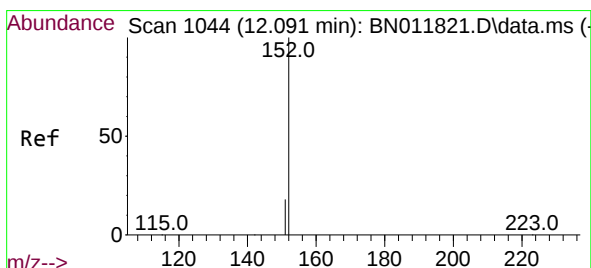
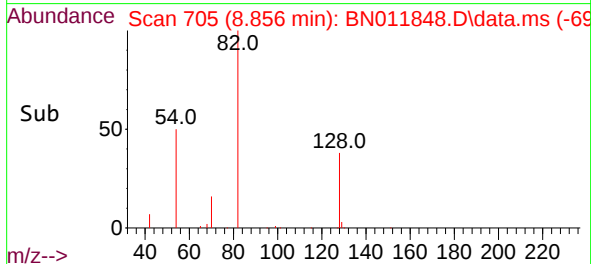
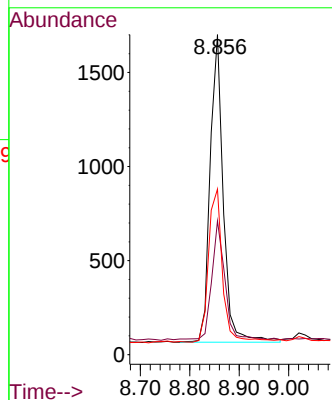
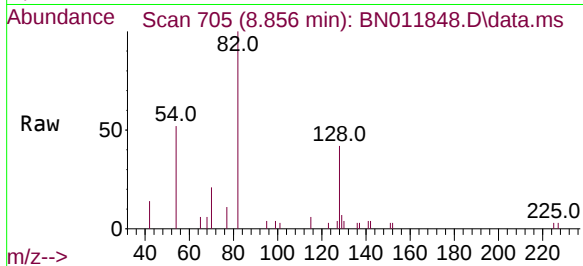




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.856 min Scan# 705
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

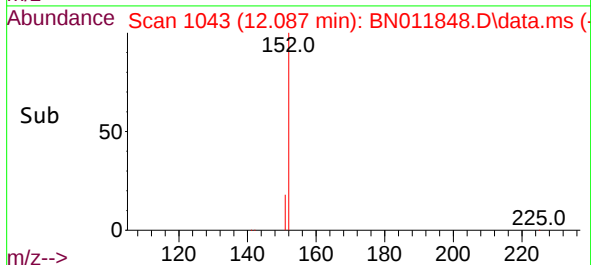
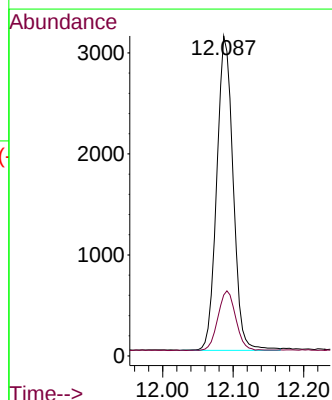
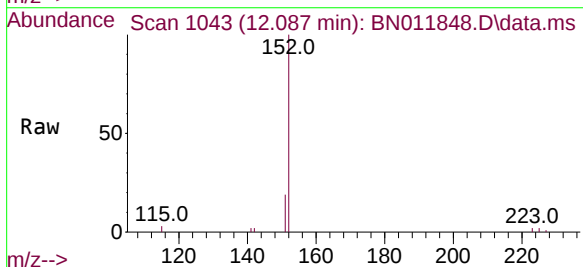
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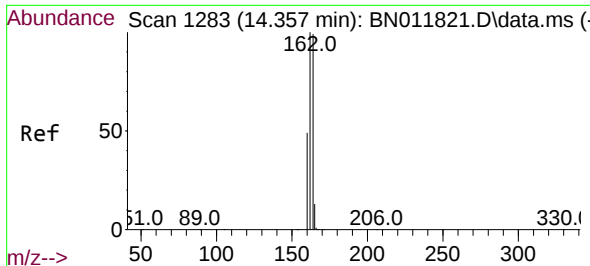
Tgt Ion: 82 Resp: 3033
Ion Ratio Lower Upper
82 100
128 41.8 34.2 51.2
54 51.7 43.1 64.7



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.087 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion: 152 Resp: 5033
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1

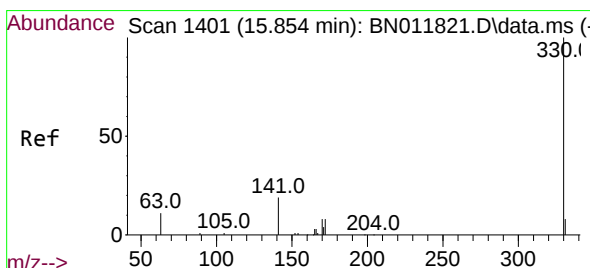
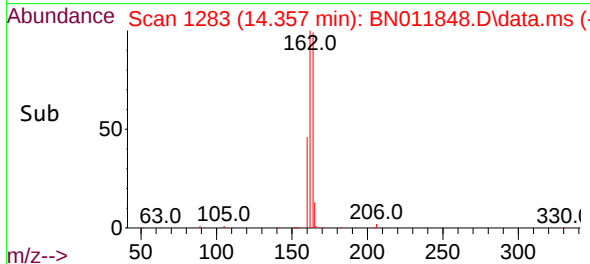
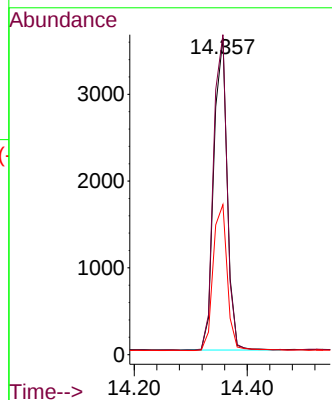
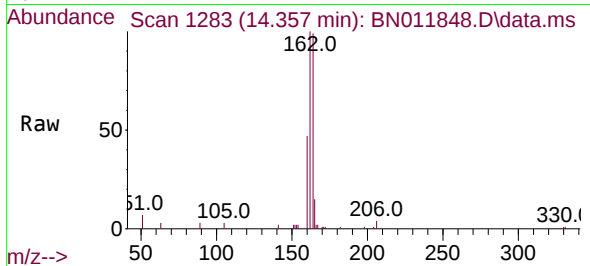




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.357 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

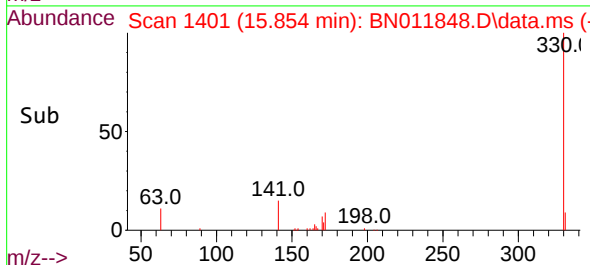
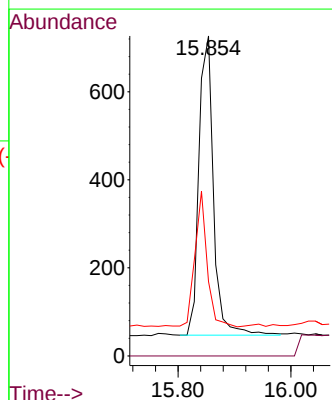
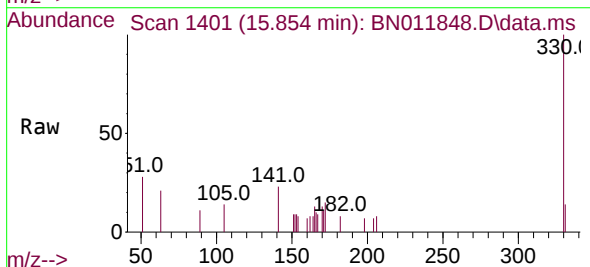
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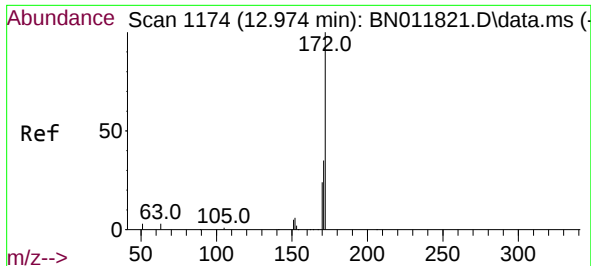
Tgt Ion:164 Resp: 5888
Ion Ratio Lower Upper
164 100
162 101.0 83.6 125.4
160 47.3 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.854 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion:330 Resp: 1223
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.7 33.7 50.5

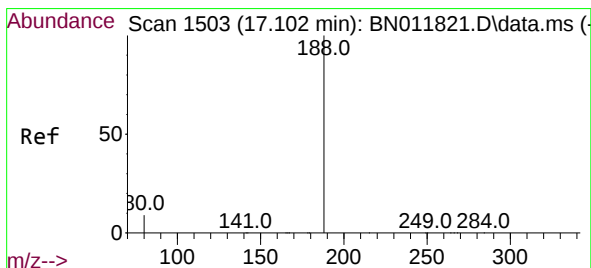
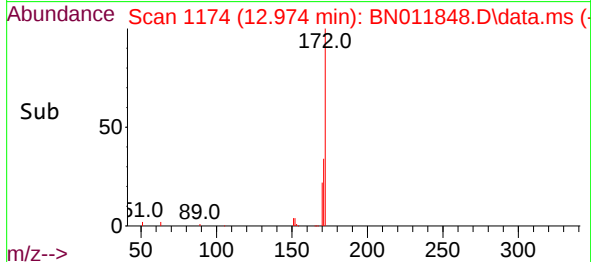
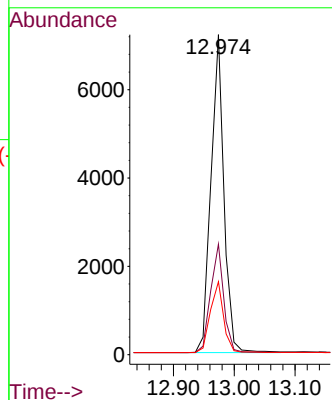
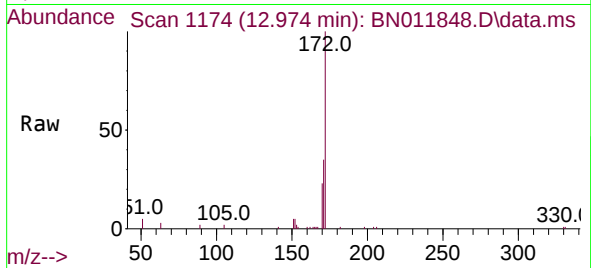




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 12.974 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

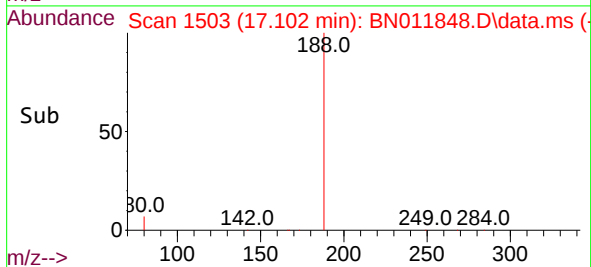
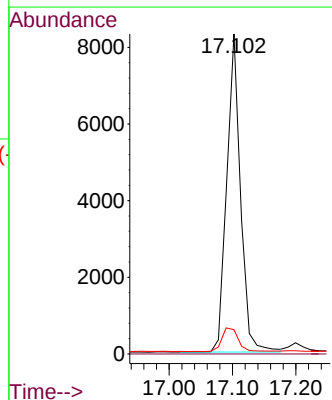
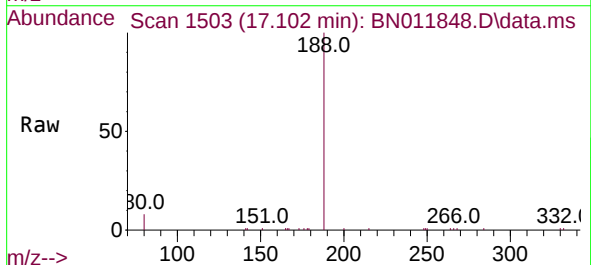
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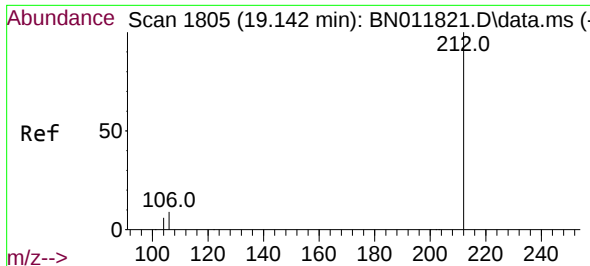
Tgt Ion:	172	Resp:	10682
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.4	41.2
170	22.8	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion:	188	Resp:	12514
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	7.7	11.5

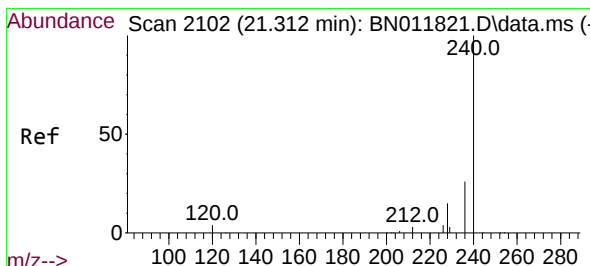
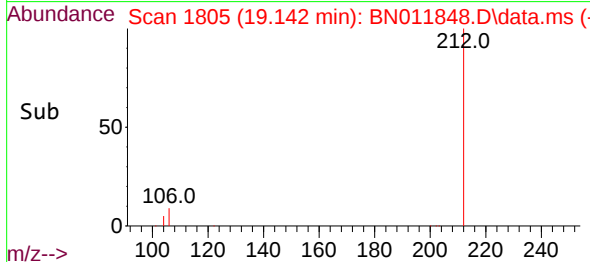
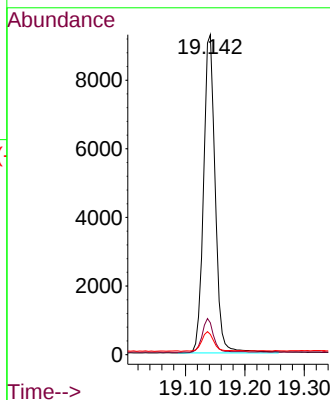
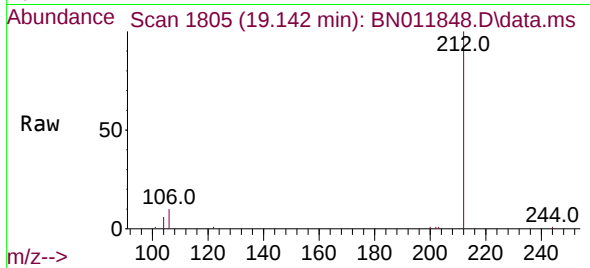




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.142 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

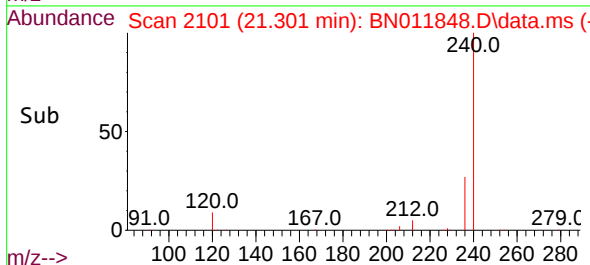
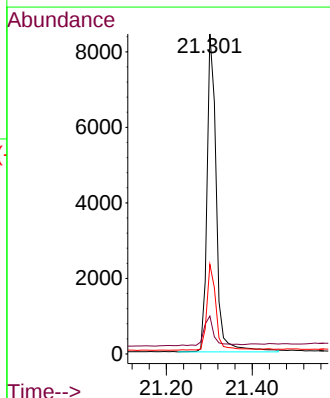
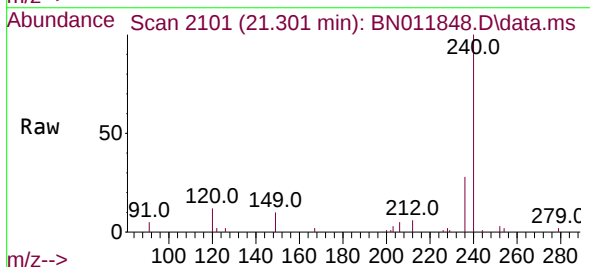
Instrument :
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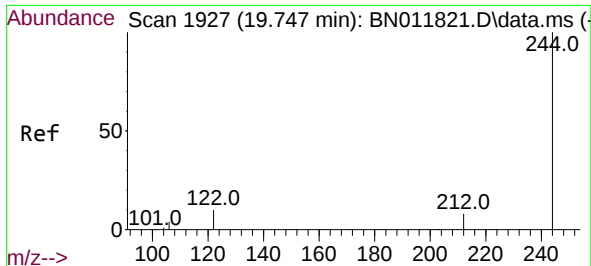
Tgt Ion:212 Resp: 12686
Ion Ratio Lower Upper
212 100
106 10.2 6.4 9.6#
104 6.5 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.301 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN011848.D
Acq: 21 Sep 2020 16:33

Tgt Ion:240 Resp: 12687
Ion Ratio Lower Upper
240 100
120 11.9 3.5 5.3#
236 28.0 20.5 30.7

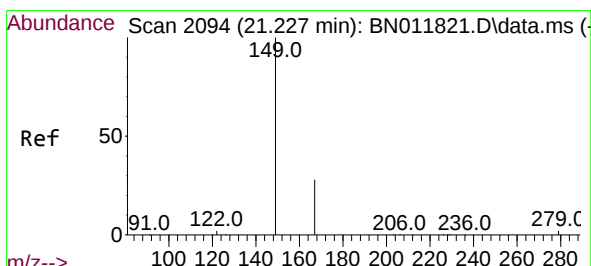
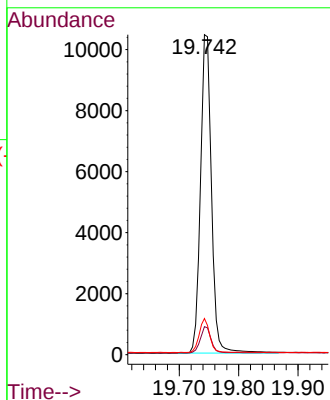
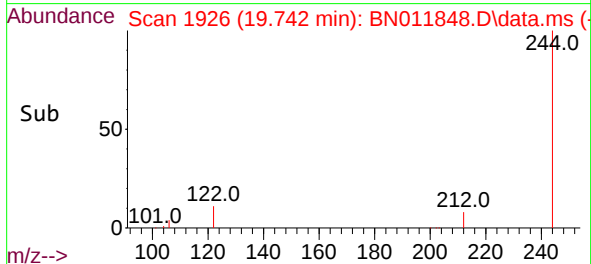
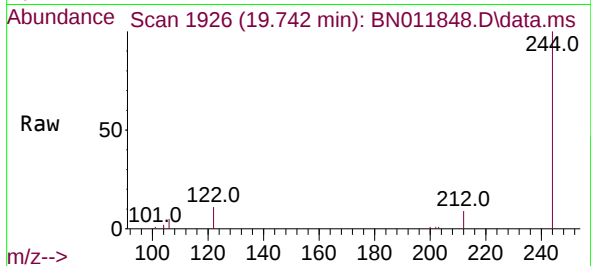




#31
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.742 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BN011848.D
 Acq: 21 Sep 2020 16:33

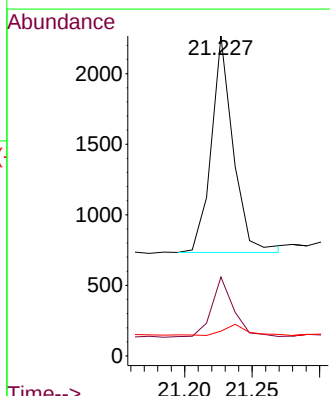
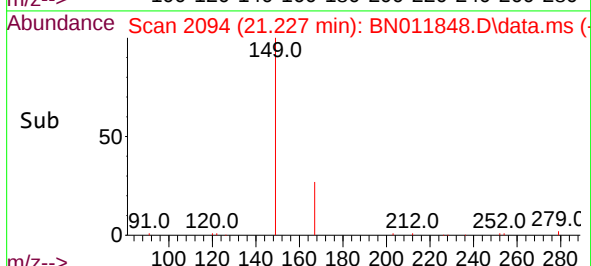
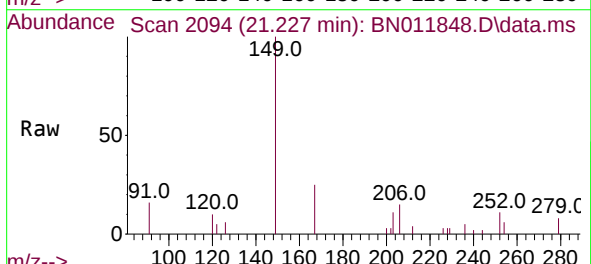
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200916

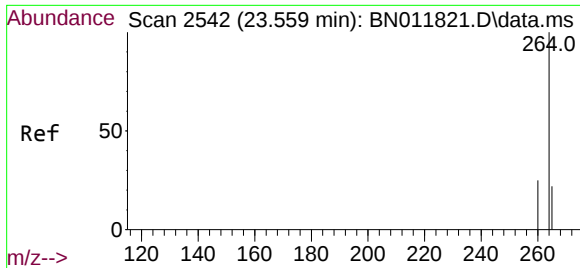
Tgt Ion:244	Resp:	13437
Ion Ratio	Lower	Upper
244	100	
212	8.7	7.3 10.9
122	11.3	7.8 11.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.227 min Scan# 2094
 Delta R.T. 0.000 min
 Lab File: BN011848.D
 Acq: 21 Sep 2020 16:33

Tgt Ion:149	Resp:	1732
Ion Ratio	Lower	Upper
149	100	
167	27.1	23.6 35.4
279	5.5	4.0 6.0





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.552 min Scan# 2540
 Delta R.T. 0.000 min
 Lab File: BN011848.D
 Acq: 21 Sep 2020 16:33

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200916

Tgt Ion:264	Resp:	12610
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.6 29.4
265	69.0	38.6 58.0#

