

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014166.D
 Acq On : 01 Apr 2021 06:51
 Operator : CG/JU
 Sample : M1842-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20210324

Quant Time: Apr 01 07:38:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

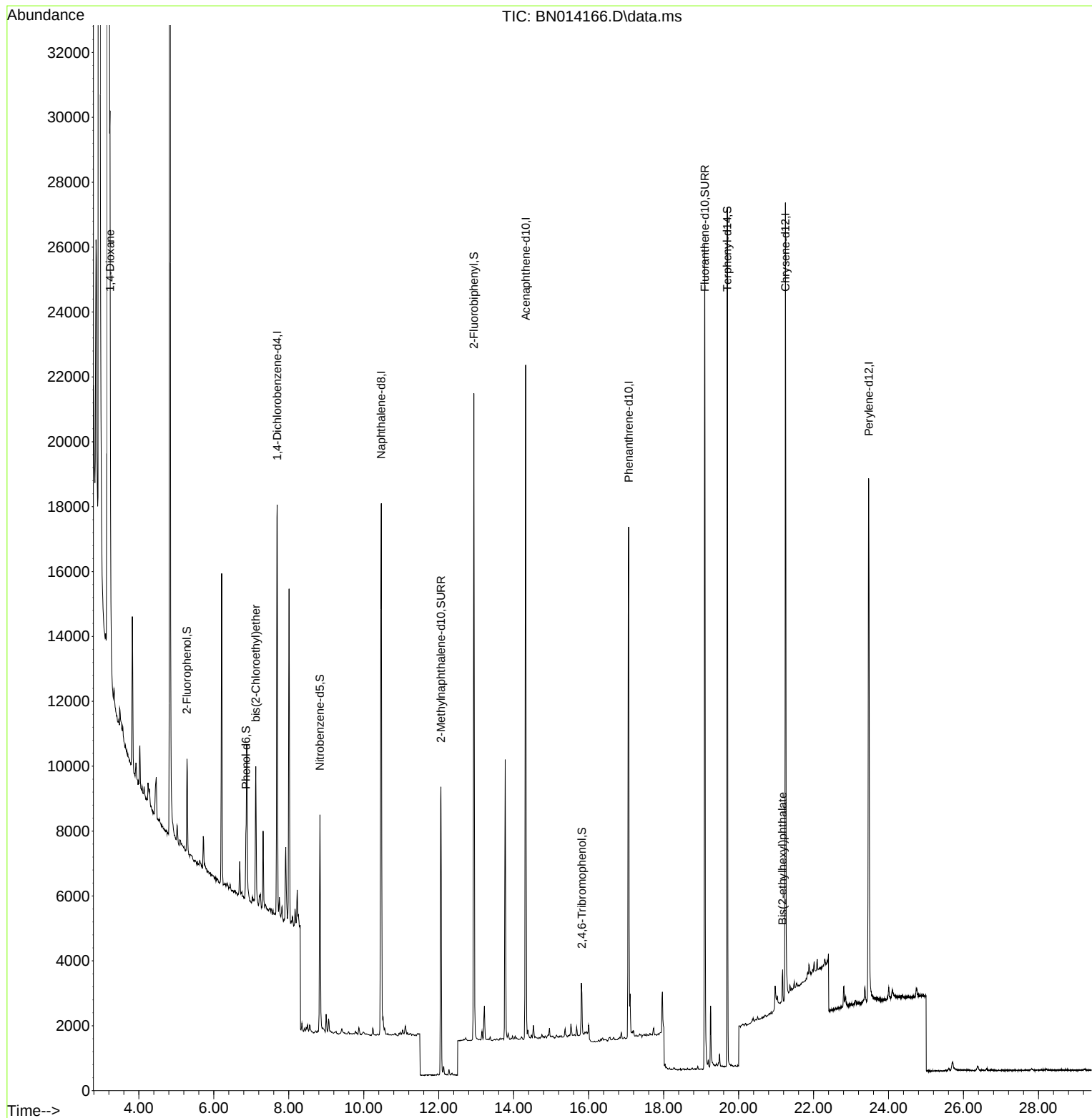
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6135	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	22520	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	11921	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	23325	0.40	ng	0.00
29) Chrysene-d12	21.250	240	22688	0.40	ng	0.00
36) Perylene-d12	23.472	264	22084	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2262	0.14	ng	0.00
5) Phenol-d6	6.855	99	1648	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	5345	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	12285	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1258	0.33	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	16689	0.37	ng	0.00
27) Fluoranthene-d10	19.099	212	29131	0.48	ng	0.00
31) Terphenyl-d14	19.700	244	25581	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	7473	0.95	ng	Qvalue # 88
6) bis(2-Chloroethyl)ether	7.120	93	3268	0.21	ng	99
34) Bis(2-ethylhexyl)phtha...	21.176	149	1129	0.06	ng	# 94

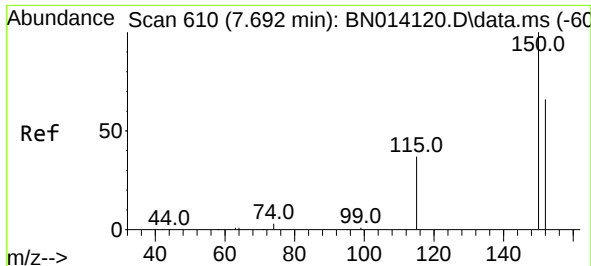
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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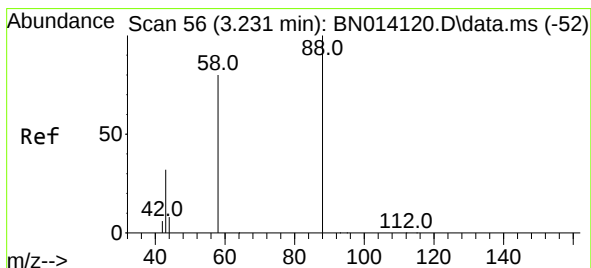
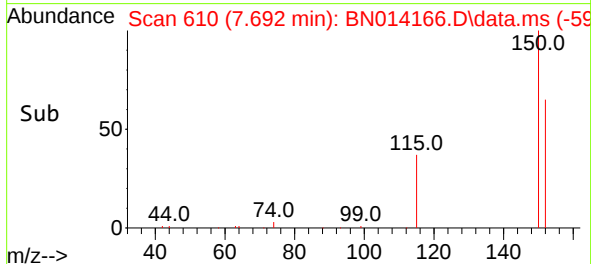
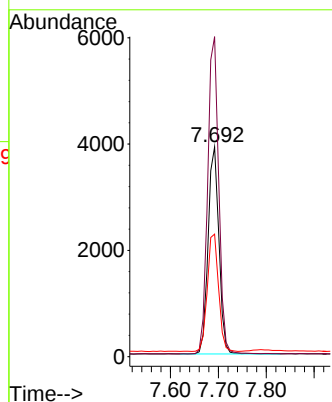
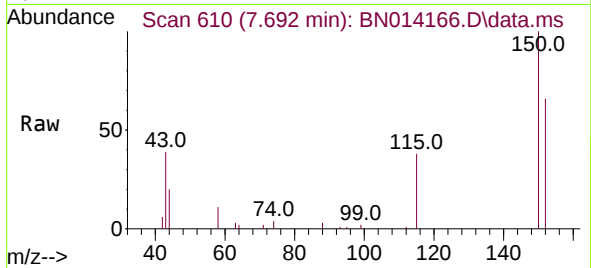




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014166.D
 Acq: 01 Apr 2021 06:51

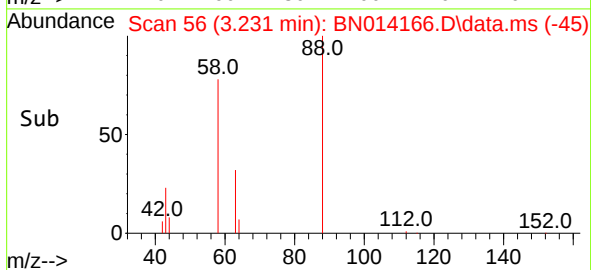
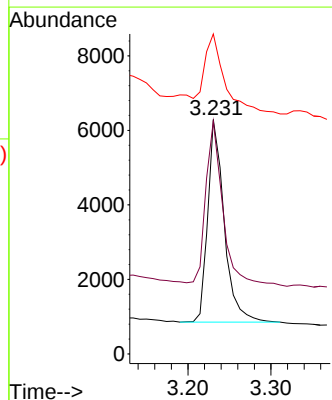
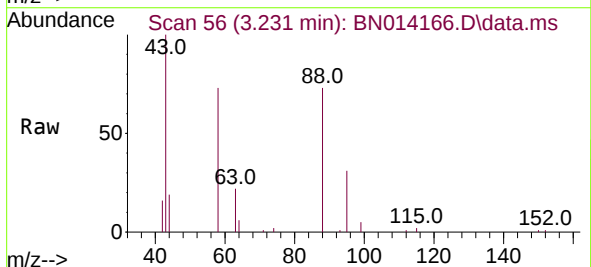
Instrument :
 BNA_N
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 MW17811-20210324

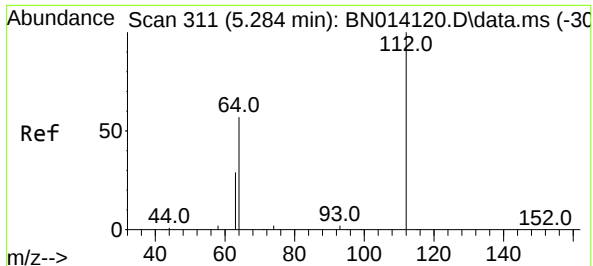
Tgt Ion:152 Resp: 6135
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.2 181.8
 115 58.4 46.2 69.2



#2
 1,4-Dioxane
 Concen: 0.95 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014166.D
 Acq: 01 Apr 2021 06:51

Tgt Ion: 88 Resp: 7473
 Ion Ratio Lower Upper
 88 100
 58 83.1 63.1 94.7
 43 50.1 26.2 39.2#

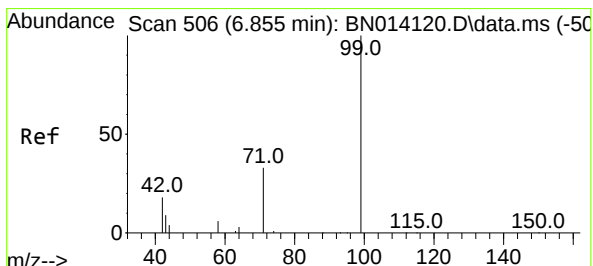
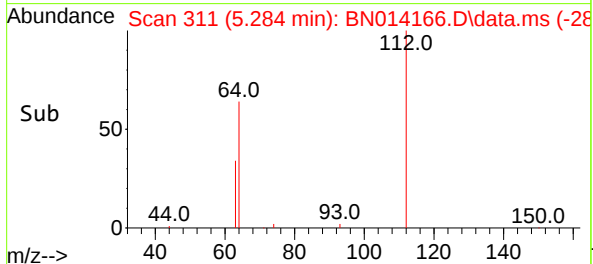
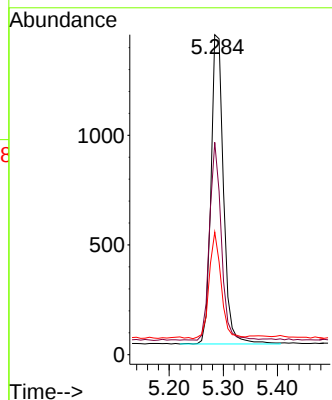
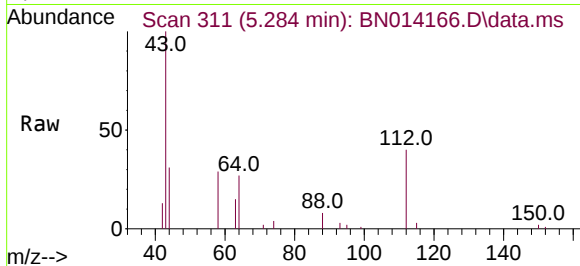




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

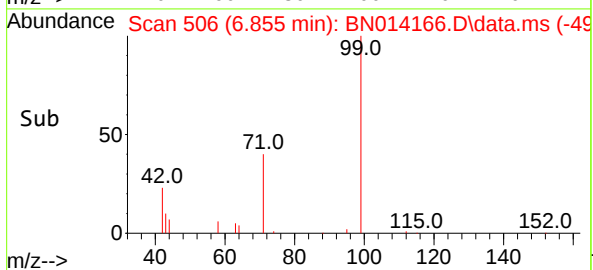
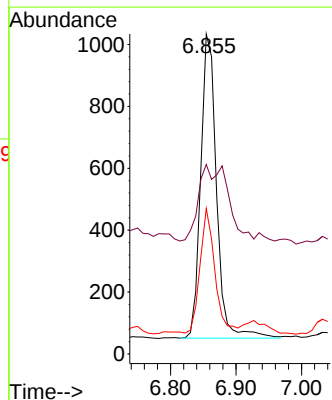
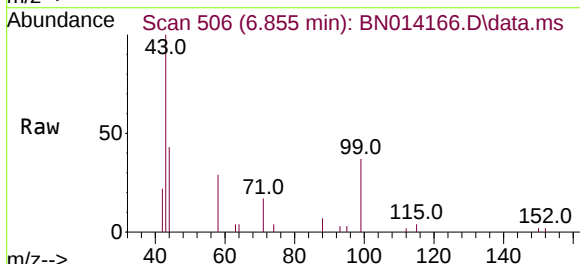
Instrument :
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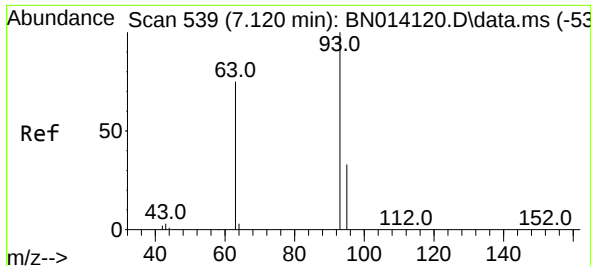
Tgt Ion:	112	Resp:	2262
Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.3	72.5
63	33.0	25.4	38.0



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:	99	Resp:	1648
Ion	Ratio	Lower	Upper
99	100		
42	46.1	18.2	27.4#
71	38.5	26.7	40.1

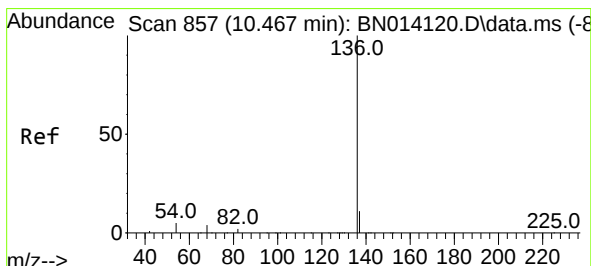
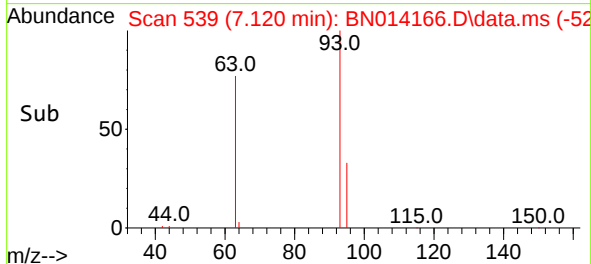
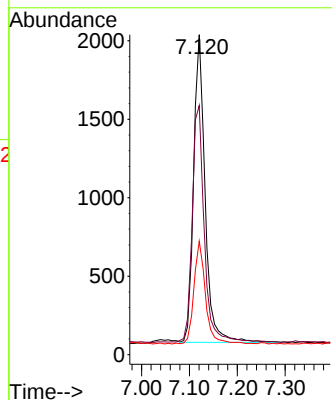
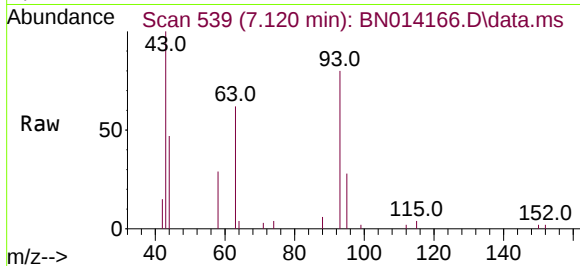




#6
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

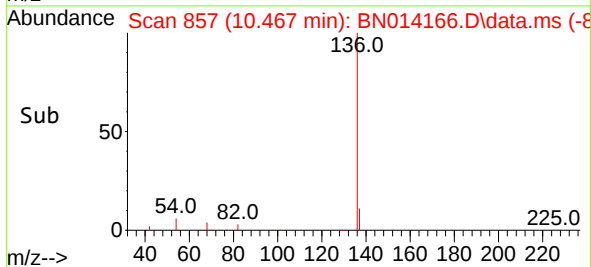
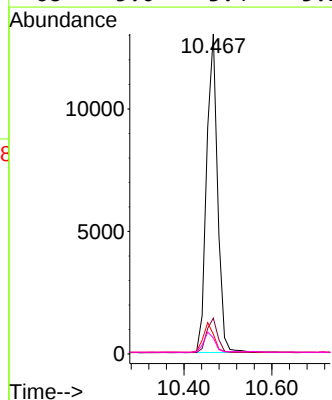
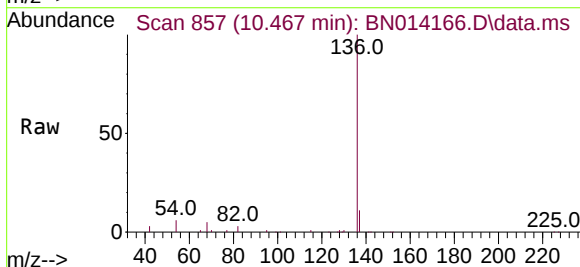
Instrument :
BNA_N
ClientSampleId :
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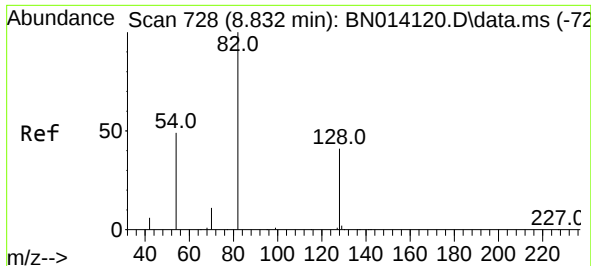
Tgt Ion:	93	Resp:	3268
Ion	Ratio	Lower	Upper
93	100		
63	80.9	65.1	97.7
95	33.8	26.6	39.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:	136	Resp:	22520
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.2	4.3	6.5
68	5.0	3.4	5.2

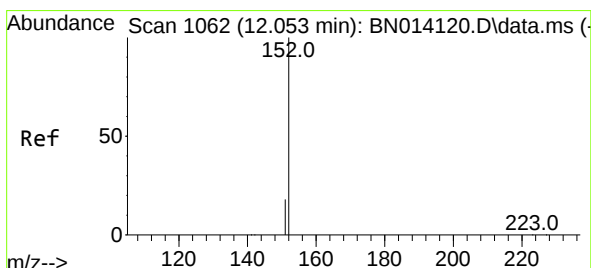
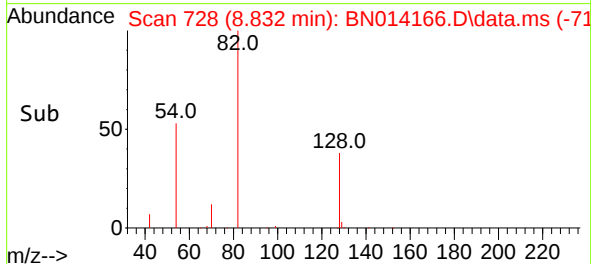
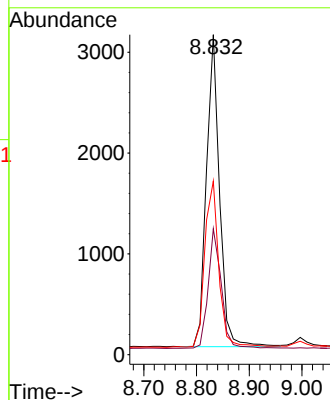
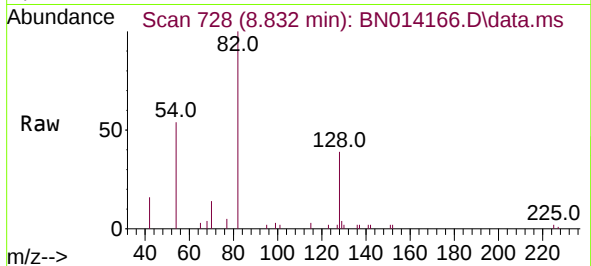




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

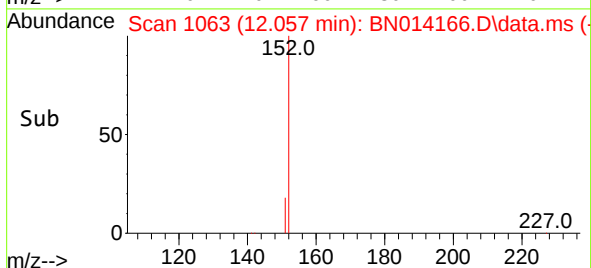
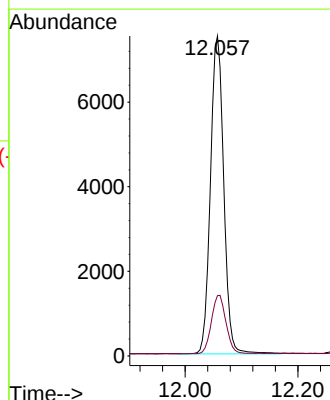
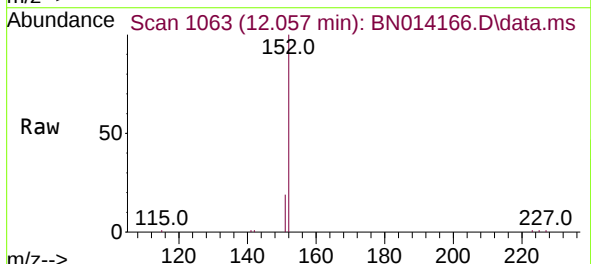
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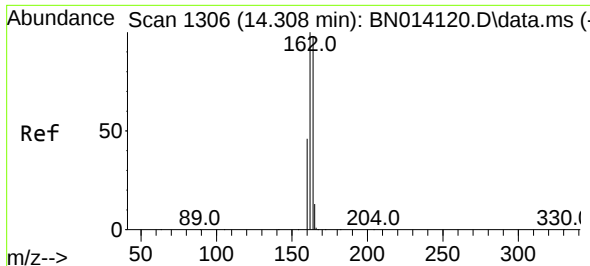
Tgt Ion:	82	Resp:	5345
Ion Ratio	Lower	Upper	
82	100		
128	39.4	33.5	50.3
54	54.3	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:	152	Resp:	12285
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.1	24.1

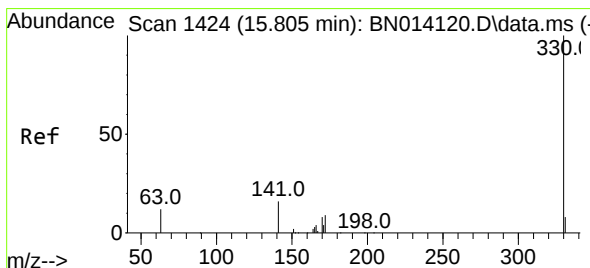
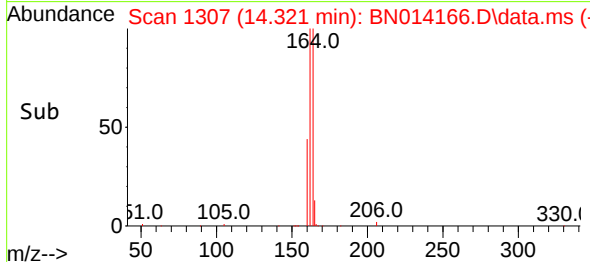
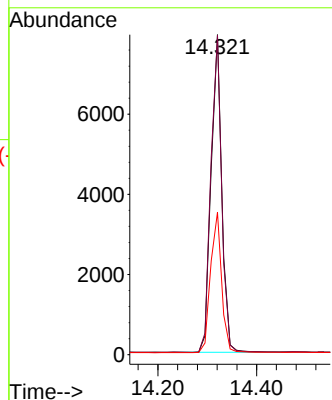
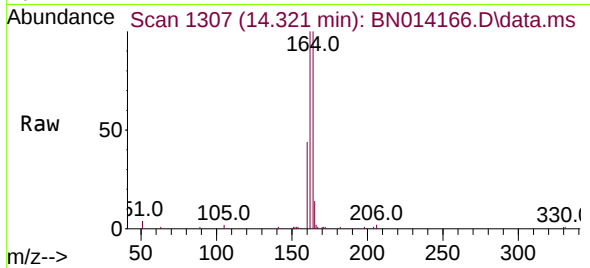




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

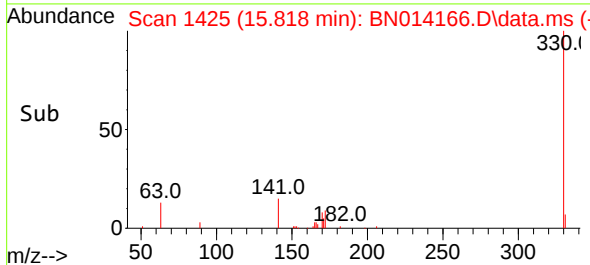
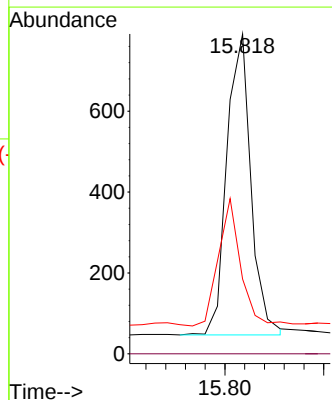
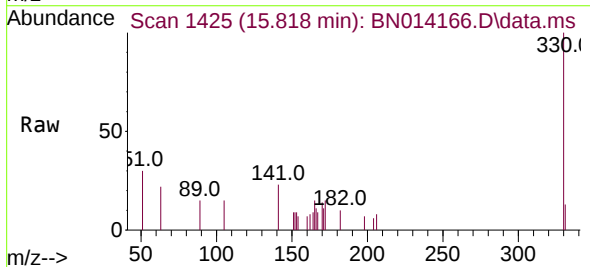
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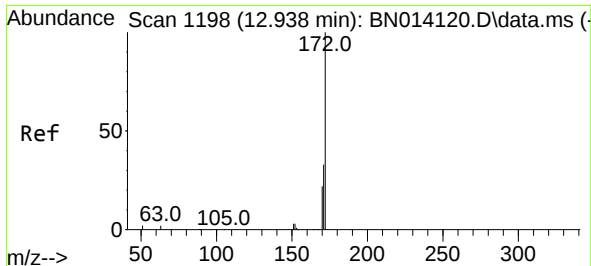
Tgt Ion:164 Resp: 11921
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.2
160 44.5 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:330 Resp: 1258
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 31.2 46.8

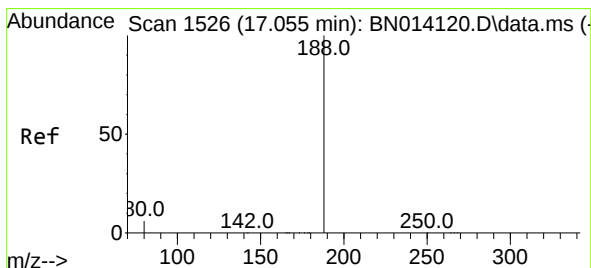
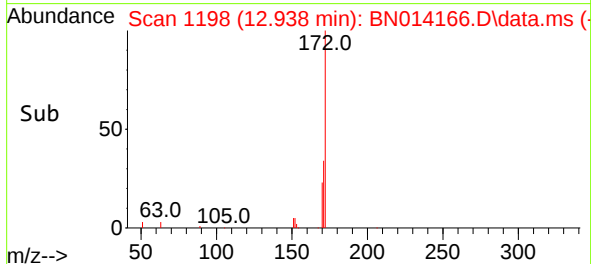
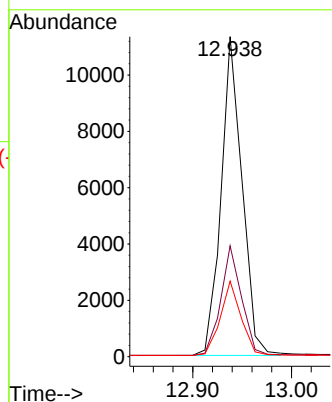
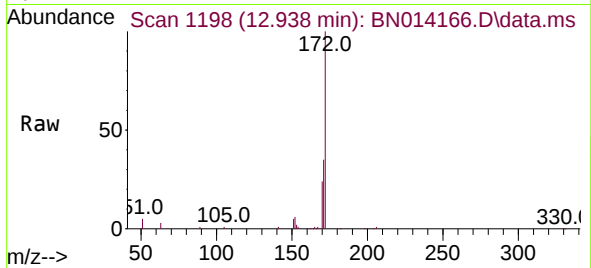




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

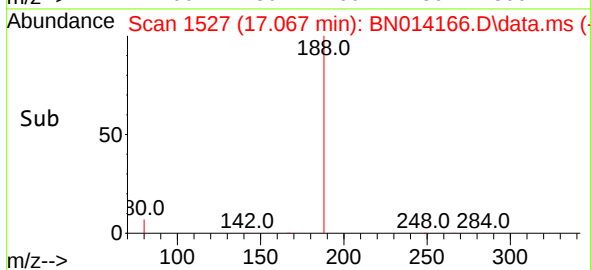
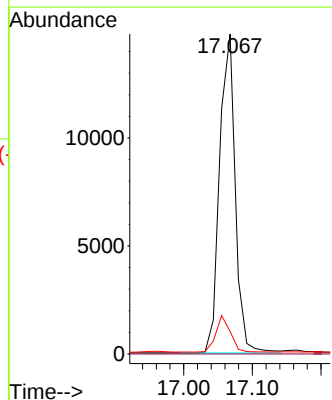
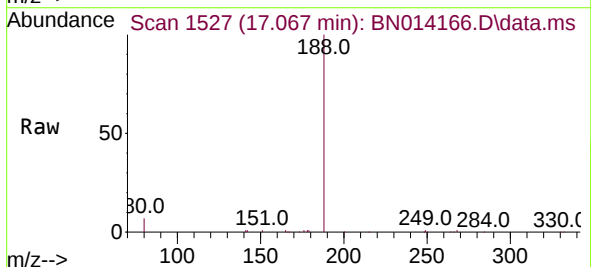
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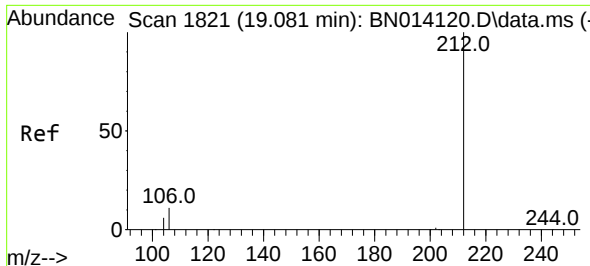
Tgt Ion:172 Resp: 16689
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.6 17.8 26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:188 Resp: 23325
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 5.2 7.8

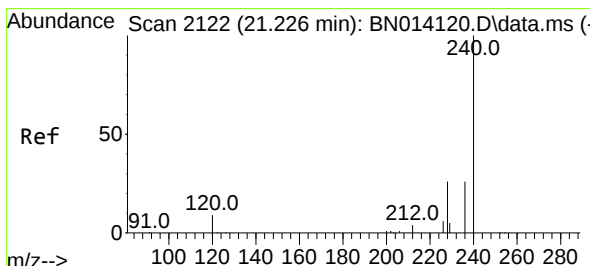
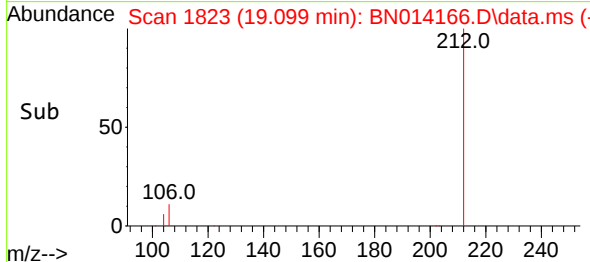
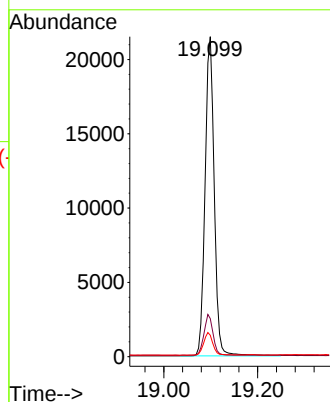
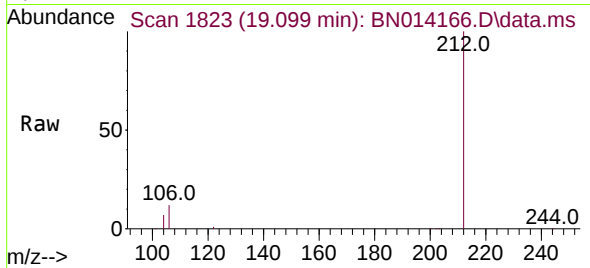




#27
Fluoranthene-d10
Concen: 0.48 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.002 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

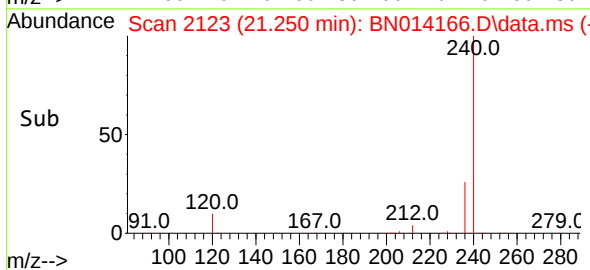
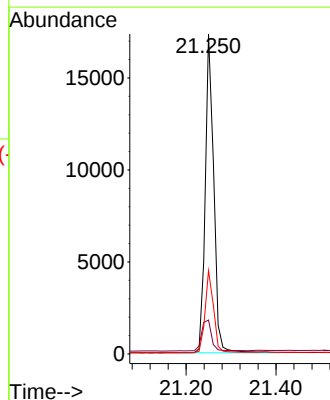
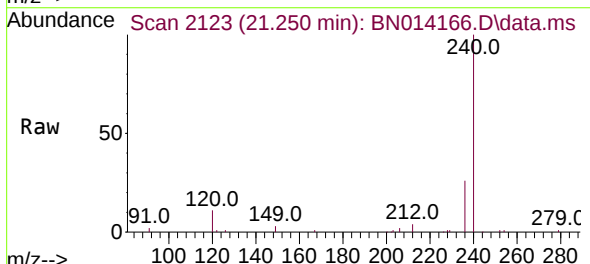
Instrument :
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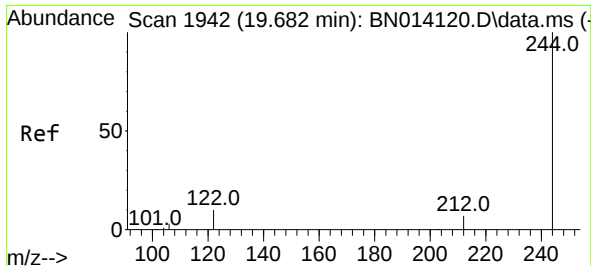
Tgt Ion:212 Resp: 29131
Ion Ratio Lower Upper
212 100
106 12.7 10.1 15.1
104 7.0 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:240 Resp: 22688
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.0 21.0 31.6

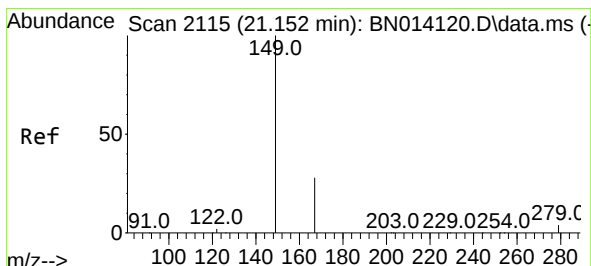
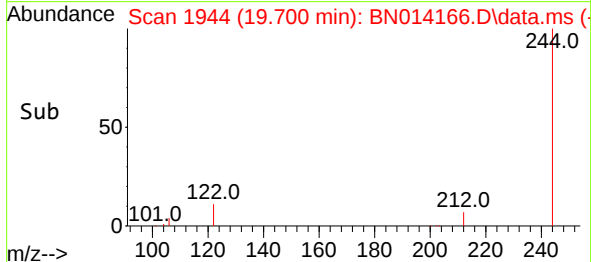
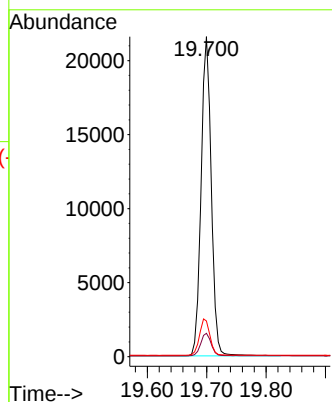
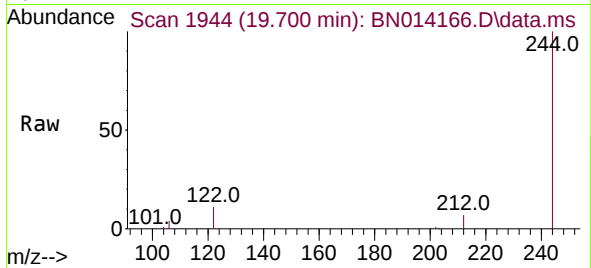




#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

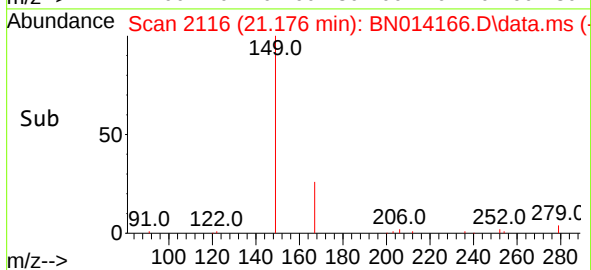
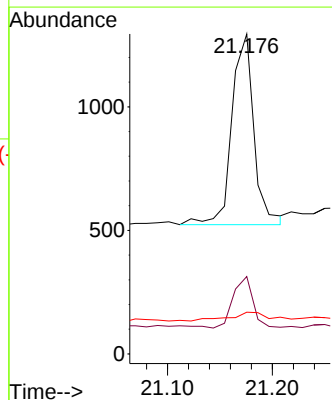
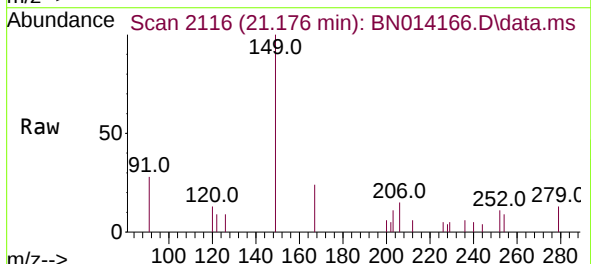
Instrument :
BNA_N
ClientSampleId :
MW17811-20210324

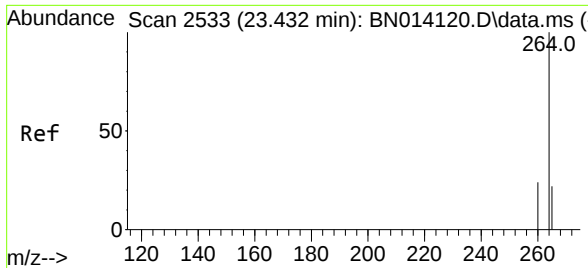
Tgt Ion:244 Resp: 25581
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.2 8.6 13.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN014166.D
Acq: 01 Apr 2021 06:51

Tgt Ion:149 Resp: 1129
Ion Ratio Lower Upper
149 100
167 24.2 21.4 32.2
279 8.7 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.472 min Scan# 2543
 Delta R.T. 0.006 min
 Lab File: BN014166.D
 Acq: 01 Apr 2021 06:51

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20210324

Tgt Ion:264	Resp:	22084
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.8 29.8
265	32.3	30.7 46.1

