

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013200.D
 Acq On : 18 Dec 2020 02:05
 Operator : CG/JU
 Sample : PB133530BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 03:29:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

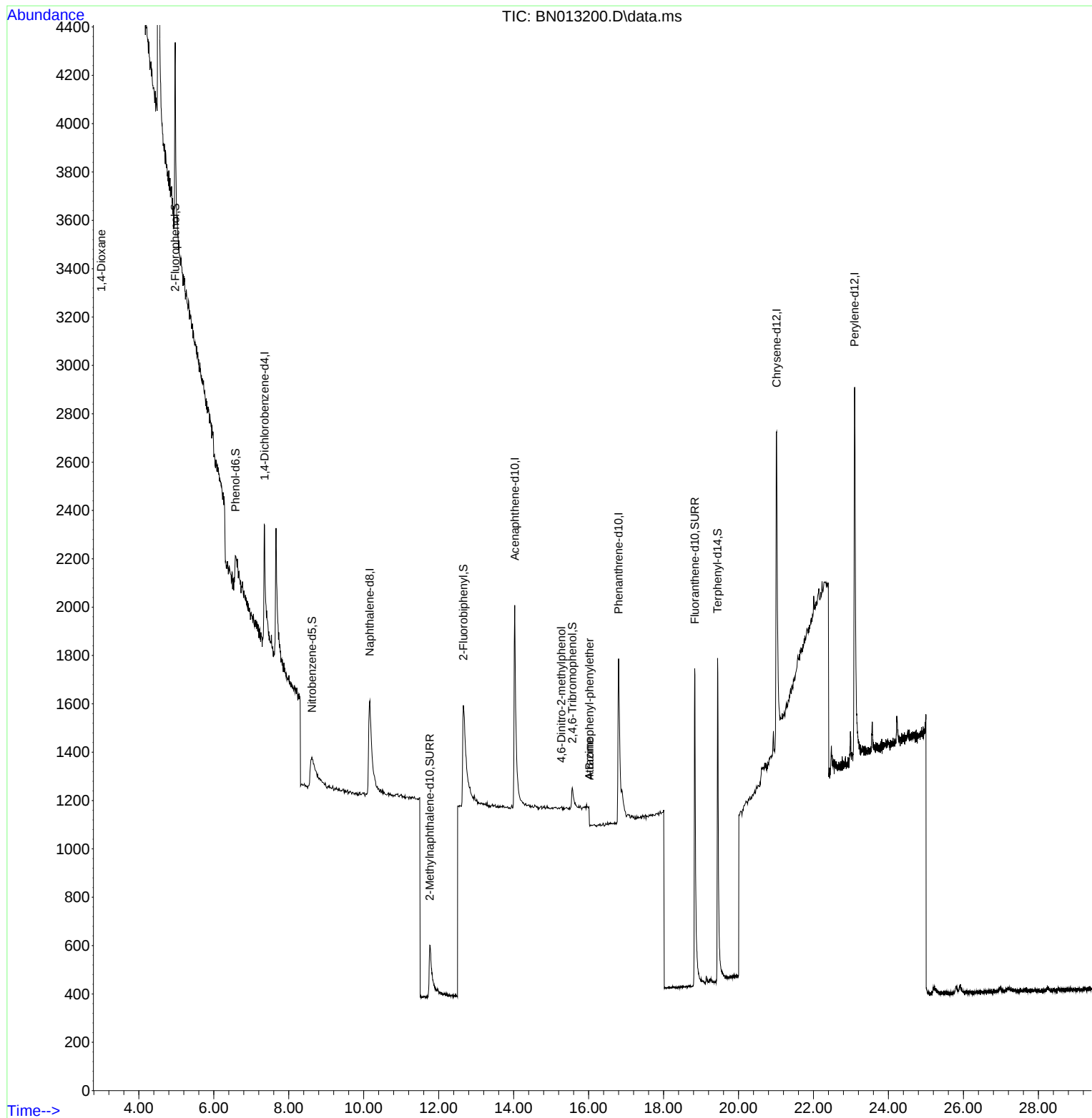
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.354	152	564	0.40	ng	# 0.00
7) Naphthalene-d8	10.163	136	1613	0.40	ng	# 0.05
13) Acenaphthene-d10	14.029	164	1098	0.40	ng	0.03
19) Phenanthrene-d10	16.800	188	2360	0.40	ng	# 0.02
29) Chrysene-d12	21.016	240	2518	0.40	ng	# 0.01
36) Perylene-d12	23.095	264	2873	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	827	0.36	ng	0.00
5) Phenol-d6	6.581	99	426	0.18	ng	0.03
8) Nitrobenzene-d5	8.616	82	421	0.25	ng	0.10
11) 2-Methylnaphthalene-d10	11.764	152	888	0.31	ng	0.04
14) 2,4,6-Tribromophenol	15.564	330	155	0.22	ng	0.03
15) 2-Fluorobiphenyl	12.659	172	1220	0.26	ng	0.03
27) Fluoranthene-d10	18.831	212	2767	0.36	ng	0.00
31) Terphenyl-d14	19.441	244	2356	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.997	88	86	0.09	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.272	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	34	0.07	ng	# 78
23) Atrazine	16.021	200	34	0.02	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	91	Below Cal		# 93

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

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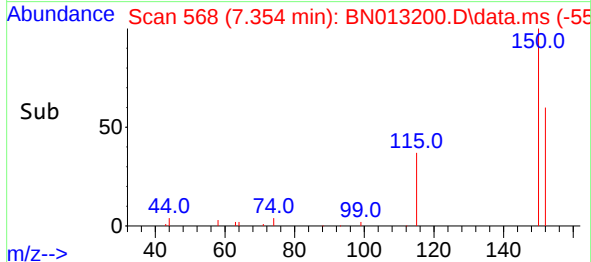
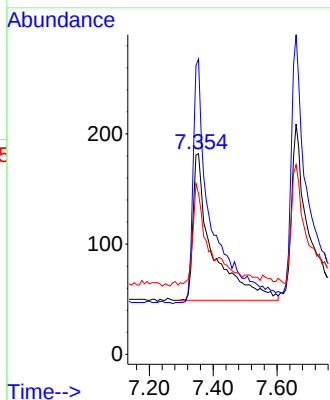
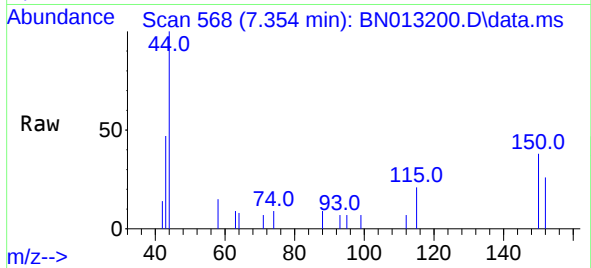




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. 0.008 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

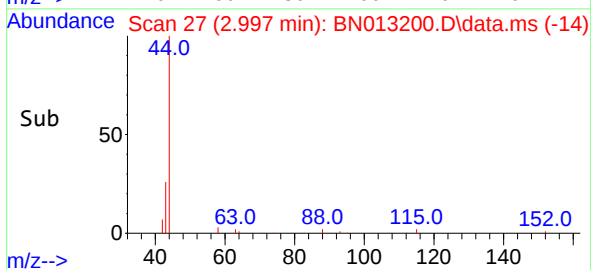
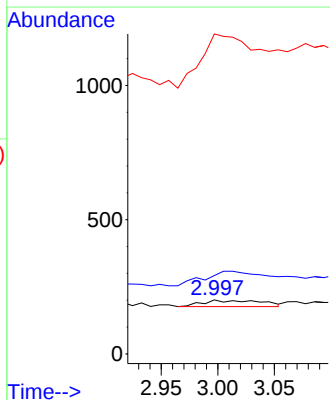
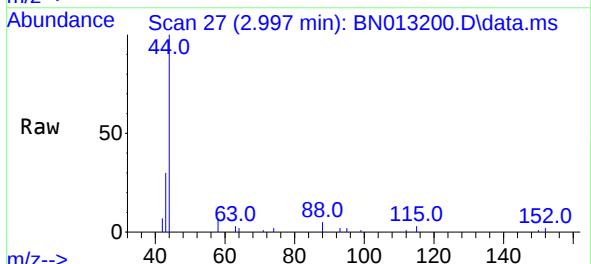
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 564
Ion Ratio Lower Upper
152 100
150 147.3 116.6 174.8
115 80.2 52.9 79.3#



#2
1,4-Dioxane
Concen: 0.09 ng
RT: 2.997 min Scan# 27
Delta R.T. 0.056 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 288.4 59.4 89.2#
43 810.5 32.3 48.5#

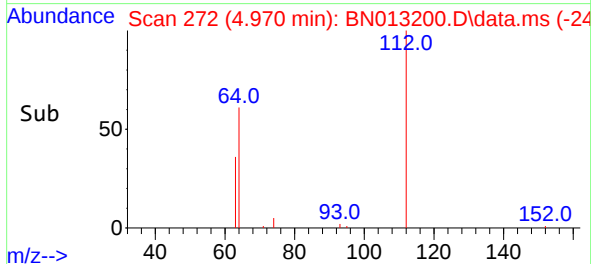
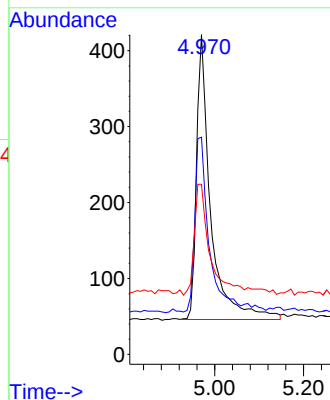
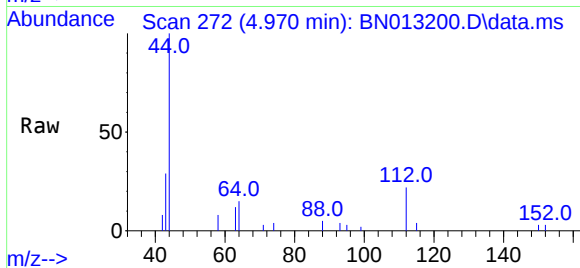




#4
2-Fluorophenol
Concen: 0.36 ng
RT: 4.970 min Scan# 272
Delta R.T. -0.000 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

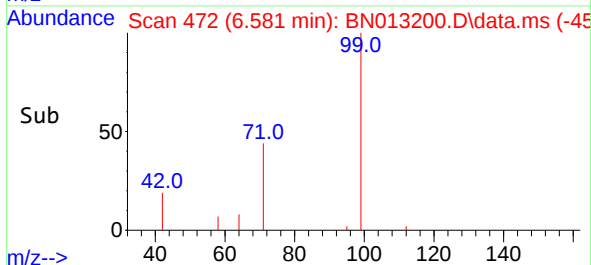
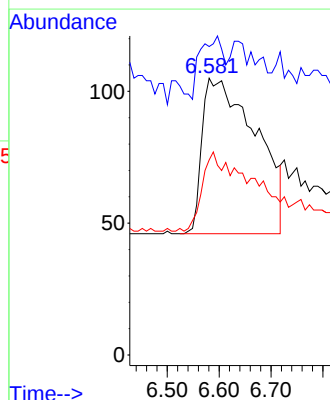
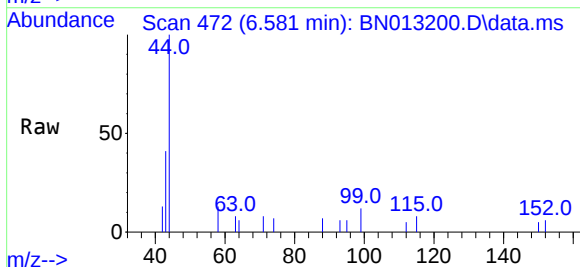
Instrument :
BNA_N
ClientSampleId :

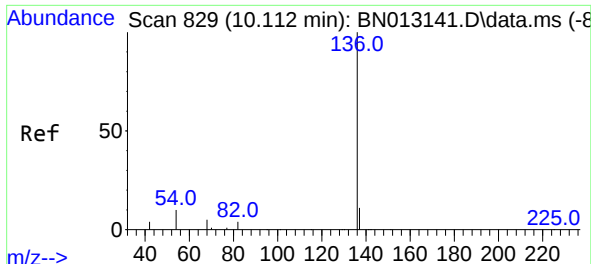
Tgt Ion:	112	Resp:	827
Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.5	74.3
63	39.7	32.0	48.0



#5
Phenol-d6
Concen: 0.18 ng
RT: 6.581 min Scan# 472
Delta R.T. 0.032 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

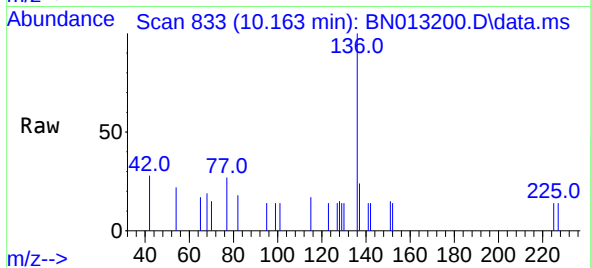
Tgt Ion:	99	Resp:	426
Ion	Ratio	Lower	Upper
99	100		
42	16.4	22.4	33.6#
71	47.2	37.8	56.6





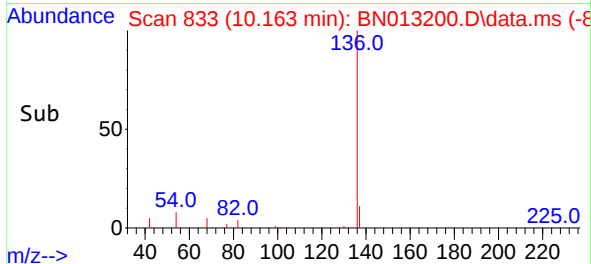
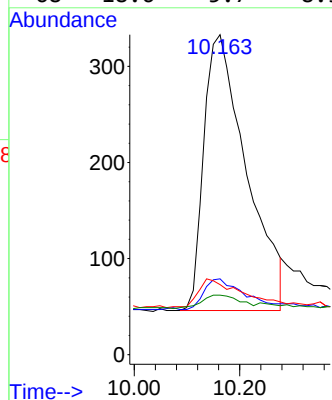
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.051 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Instrument :
BNA_N
ClientSampled :



Tgt Ion: 136 Resp: 1613

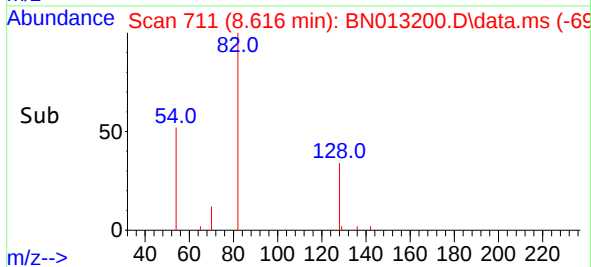
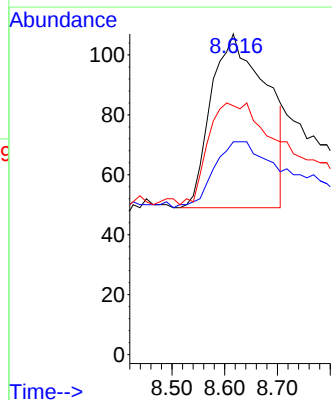
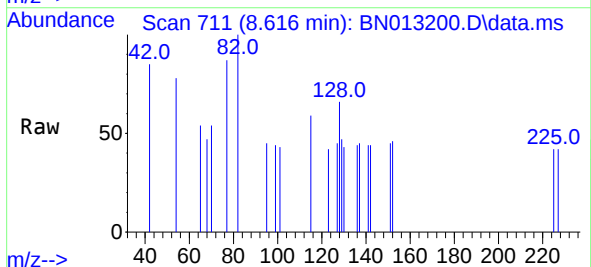
Ion	Ratio	Lower	Upper
136	100		
137	23.7	10.6	15.8#
54	21.9	8.6	12.8#
68	18.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.616 min Scan# 711
Delta R.T. 0.101 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion: 82 Resp: 421

Ion	Ratio	Lower	Upper
82	100		
128	66.4	30.6	46.0#
54	77.6	48.3	72.5#

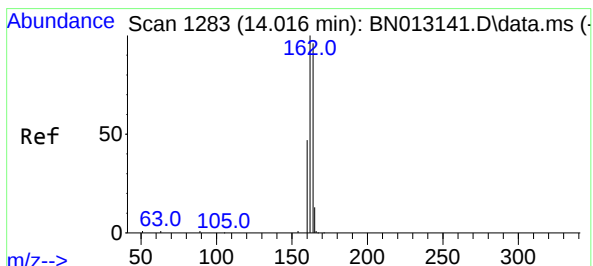
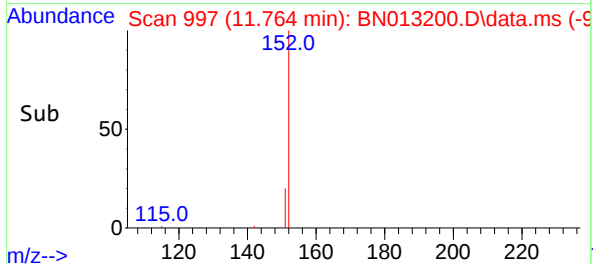
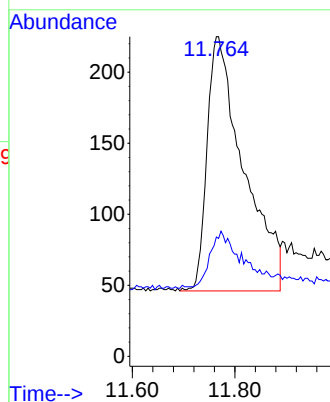
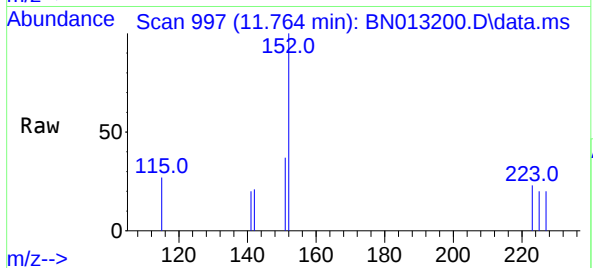




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.764 min Scan# 997
Delta R.T. 0.036 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

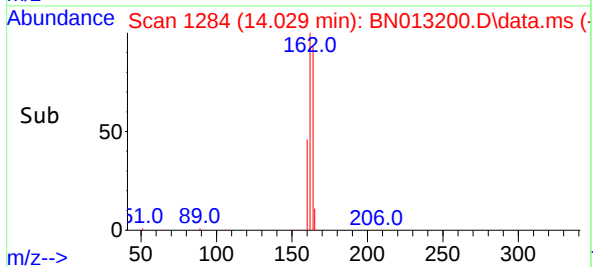
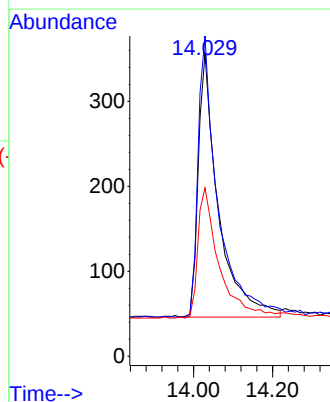
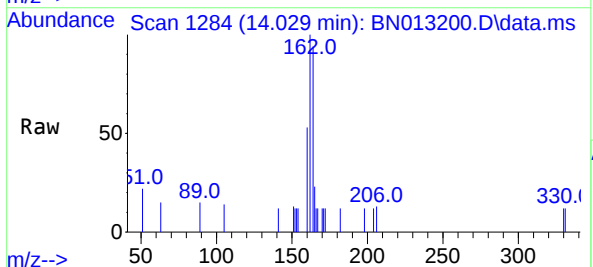
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 888
Ion Ratio Lower Upper
152 100
151 13.3 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:164 Resp: 1098
Ion Ratio Lower Upper
164 100
162 105.9 80.6 120.8
160 55.6 39.5 59.3

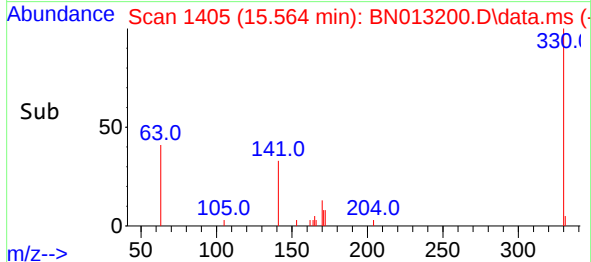
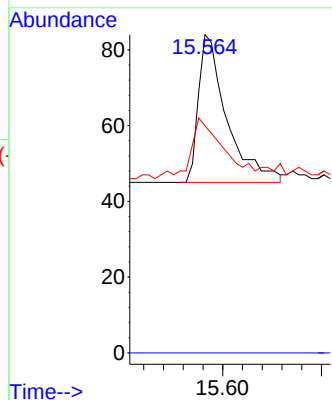
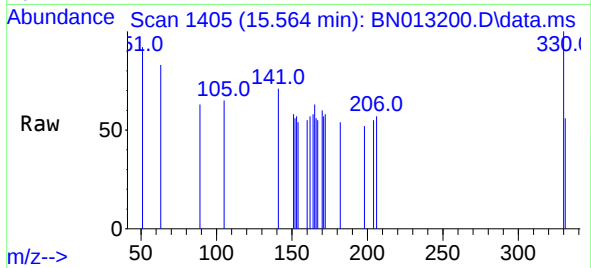




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

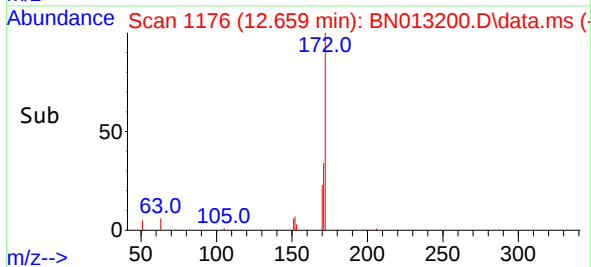
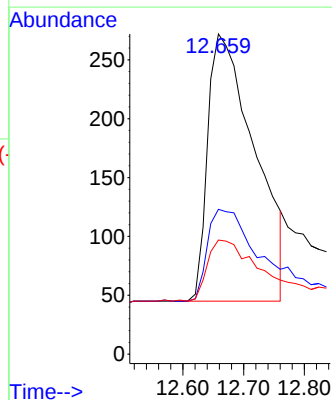
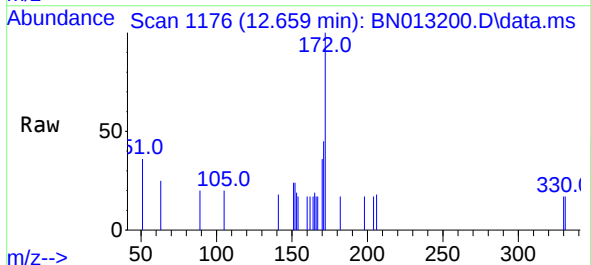
Instrument :
BNA_N
ClientSampled :

Tgt Ion:330 Resp: 155
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.659 min Scan# 1176
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:172 Resp: 1220
Ion Ratio Lower Upper
172 100
171 45.2 28.2 42.4#
170 35.7 20.0 30.0#

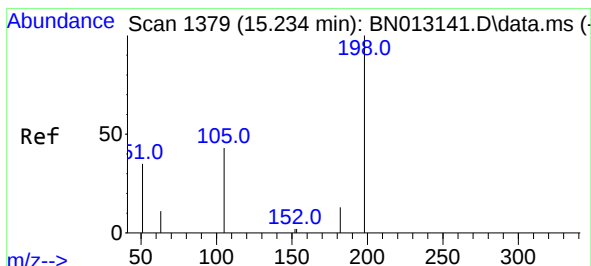
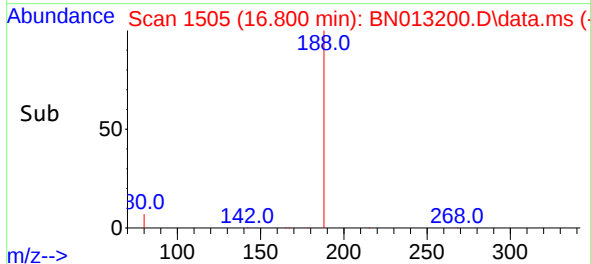
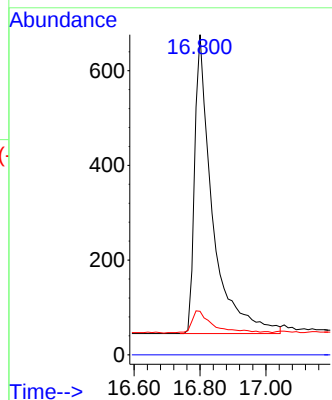
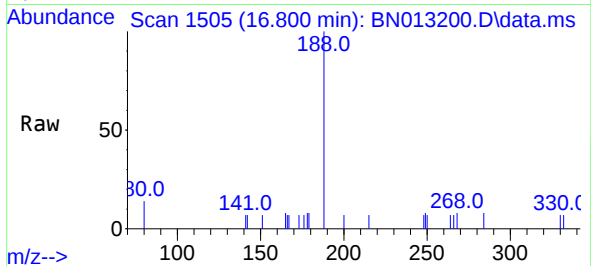




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.024 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

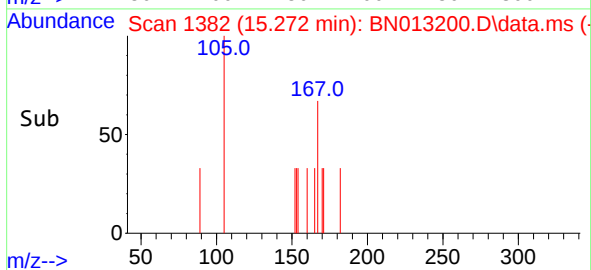
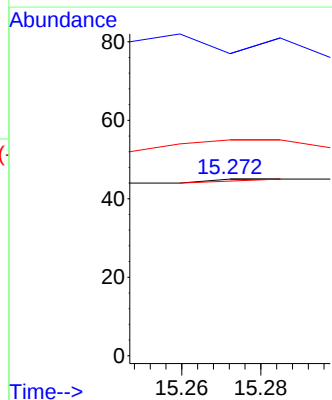
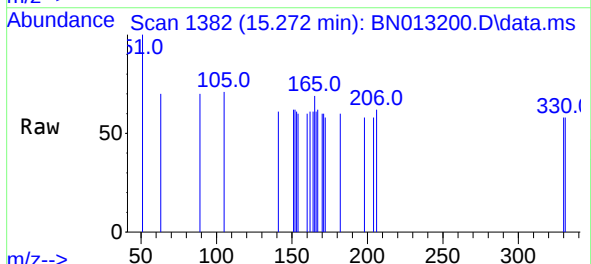
Instrument :
BNA_N
ClientSampled :

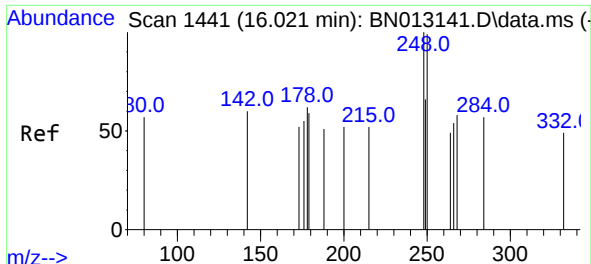
Tgt Ion:188 Resp: 2360
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 171.1 43.5 65.3#
105 122.2 27.2 40.8#

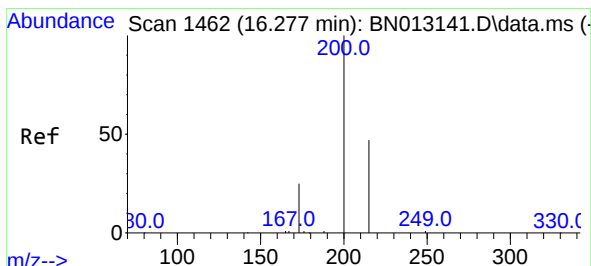
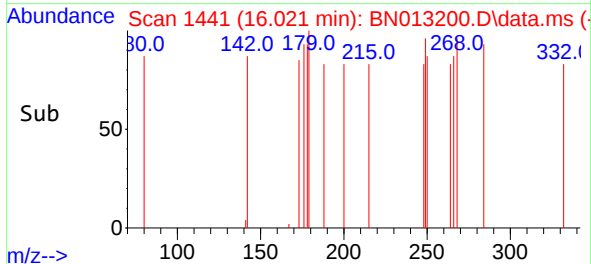
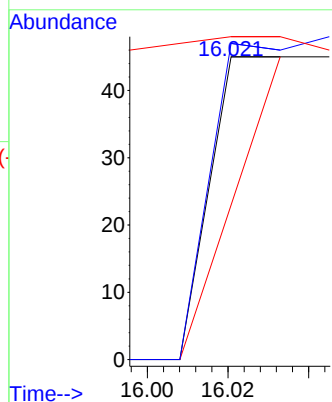
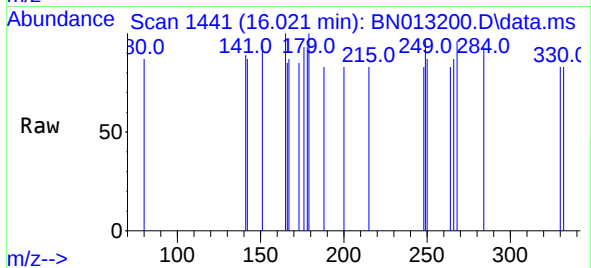




#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

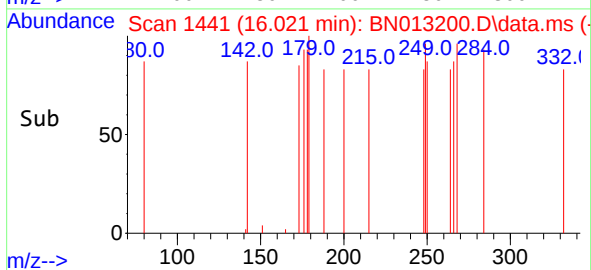
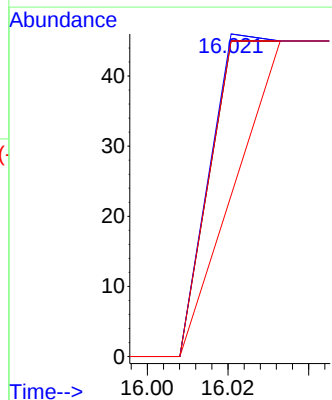
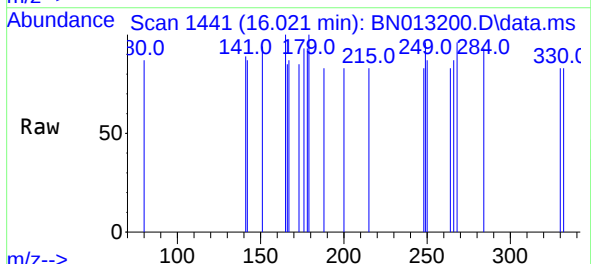
Instrument :
BNA_N
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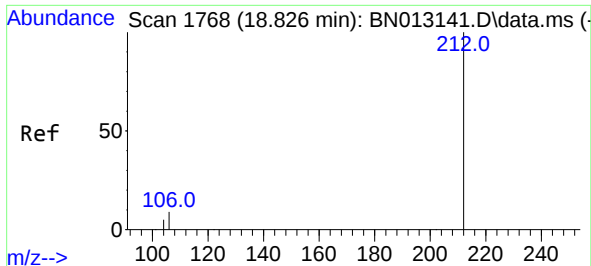
Tgt Ion:248 Resp: 34
Ion Ratio Lower Upper
248 100
250 104.4 77.3 115.9
141 106.7 57.8 86.8#



#23
Atrazine
Concen: 0.02 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:200 Resp: 34
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#

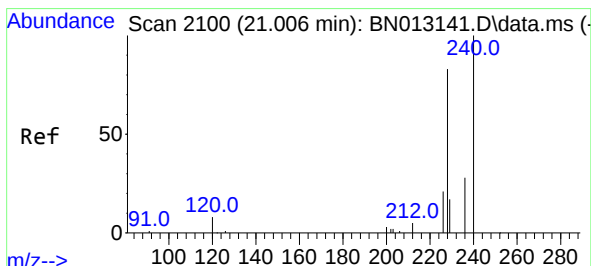
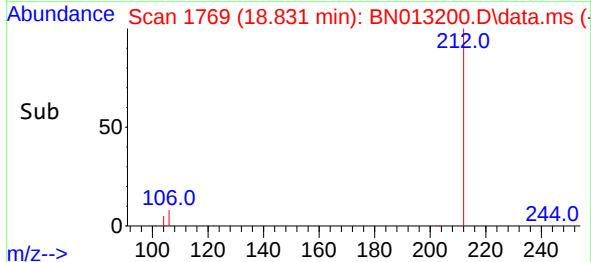
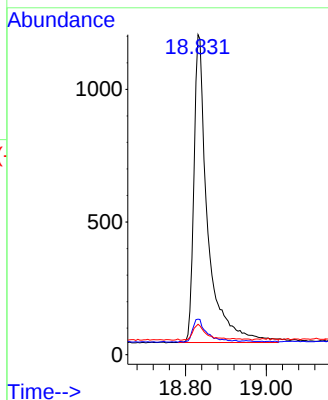
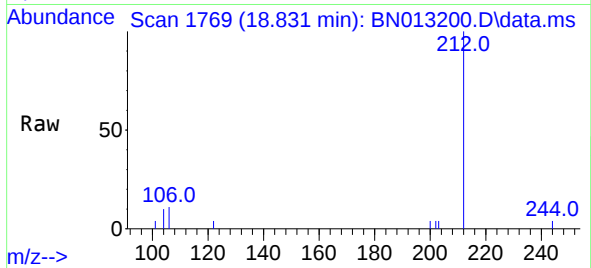




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

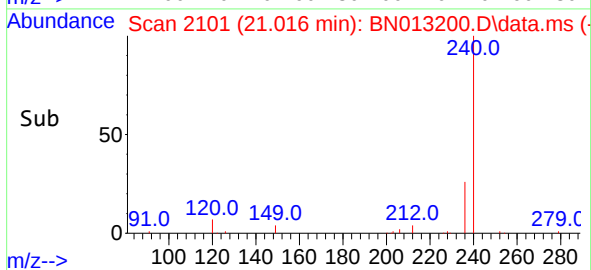
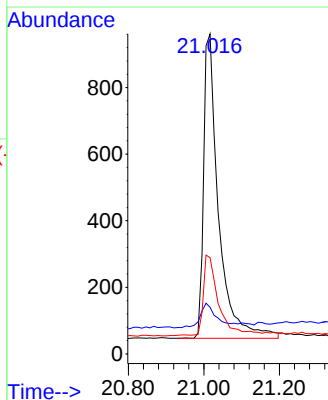
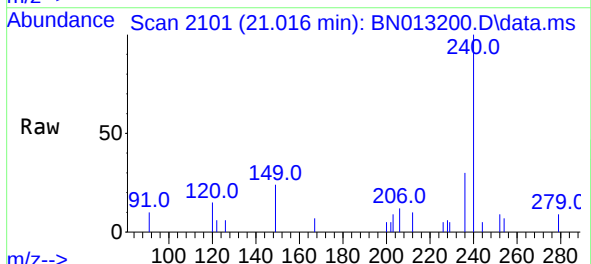
Instrument :
BNA_N
ClientSampleId :

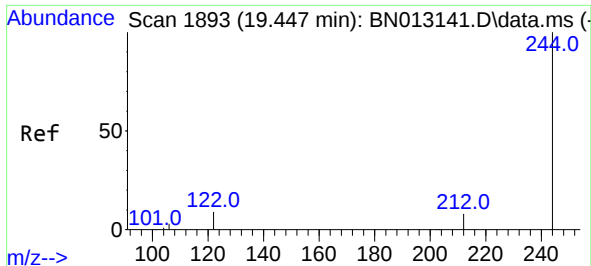
Tgt Ion:212	Resp:	2767
Ion Ratio	Lower	Upper
212	100	
106	7.7	6.8 10.2
104	5.0	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:240	Resp:	2518
Ion Ratio	Lower	Upper
240	100	
120	14.6	5.3 7.9#
236	30.1	21.8 32.8

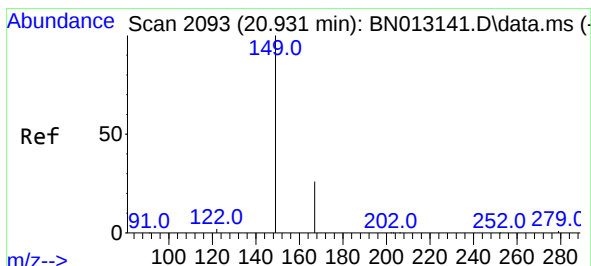
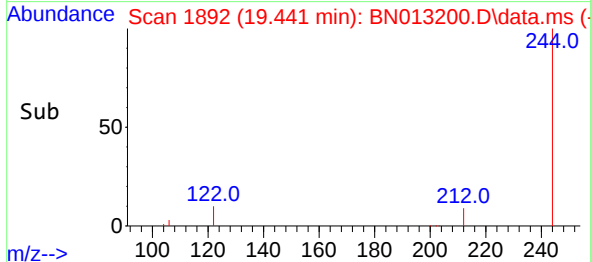
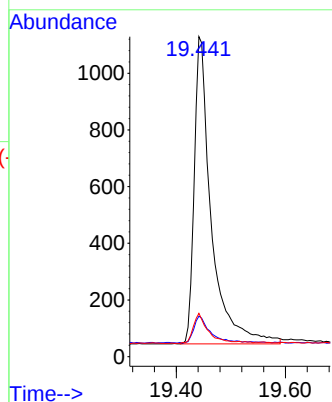
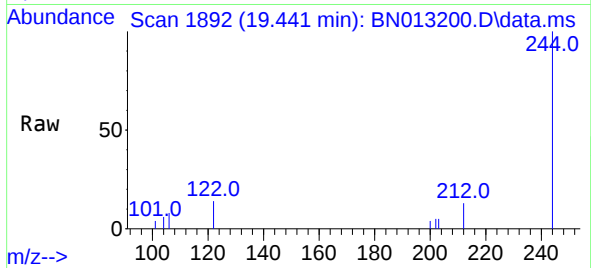




#31
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 19.441 min Scan# 1892
 Delta R.T. -0.010 min
 Lab File: BN013200.D
 Acq: 18 Dec 2020 02:05

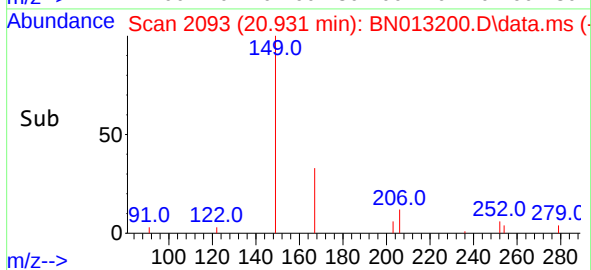
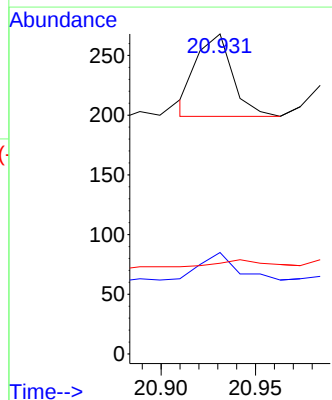
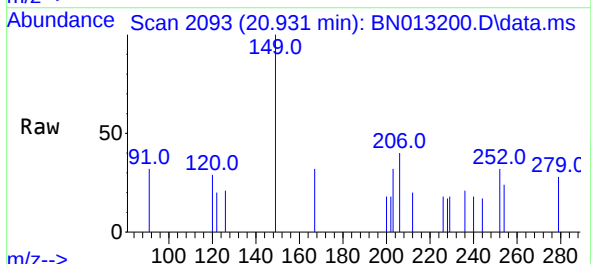
Instrument :
 BNA_N
 ClientSampleId :

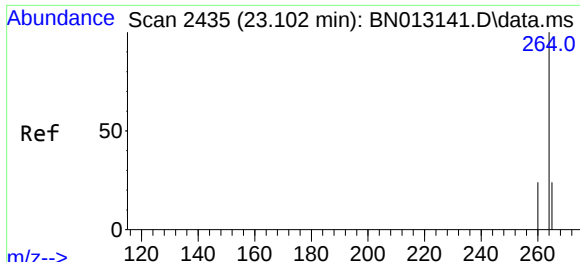
Tgt Ion:244 Resp: 2356
 Ion Ratio Lower Upper
 244 100
 212 12.7 7.3 10.9#
 122 13.6 7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.931 min Scan# 2093
 Delta R.T. -0.000 min
 Lab File: BN013200.D
 Acq: 18 Dec 2020 02:05

Tgt Ion:149 Resp: 91
 Ion Ratio Lower Upper
 149 100
 167 31.9 23.2 34.8
 279 11.0 3.9 5.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.095 min Scan# 2433
 Delta R.T. -0.003 min
 Lab File: BN013200.D
 Acq: 18 Dec 2020 02:05

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 2873

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.6
265	87.0	51.4	77.0#

