

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013193.D
 Acq On : 17 Dec 2020 19:25
 Operator : CG/JU
 Sample : L5053-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 03:05:25 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)

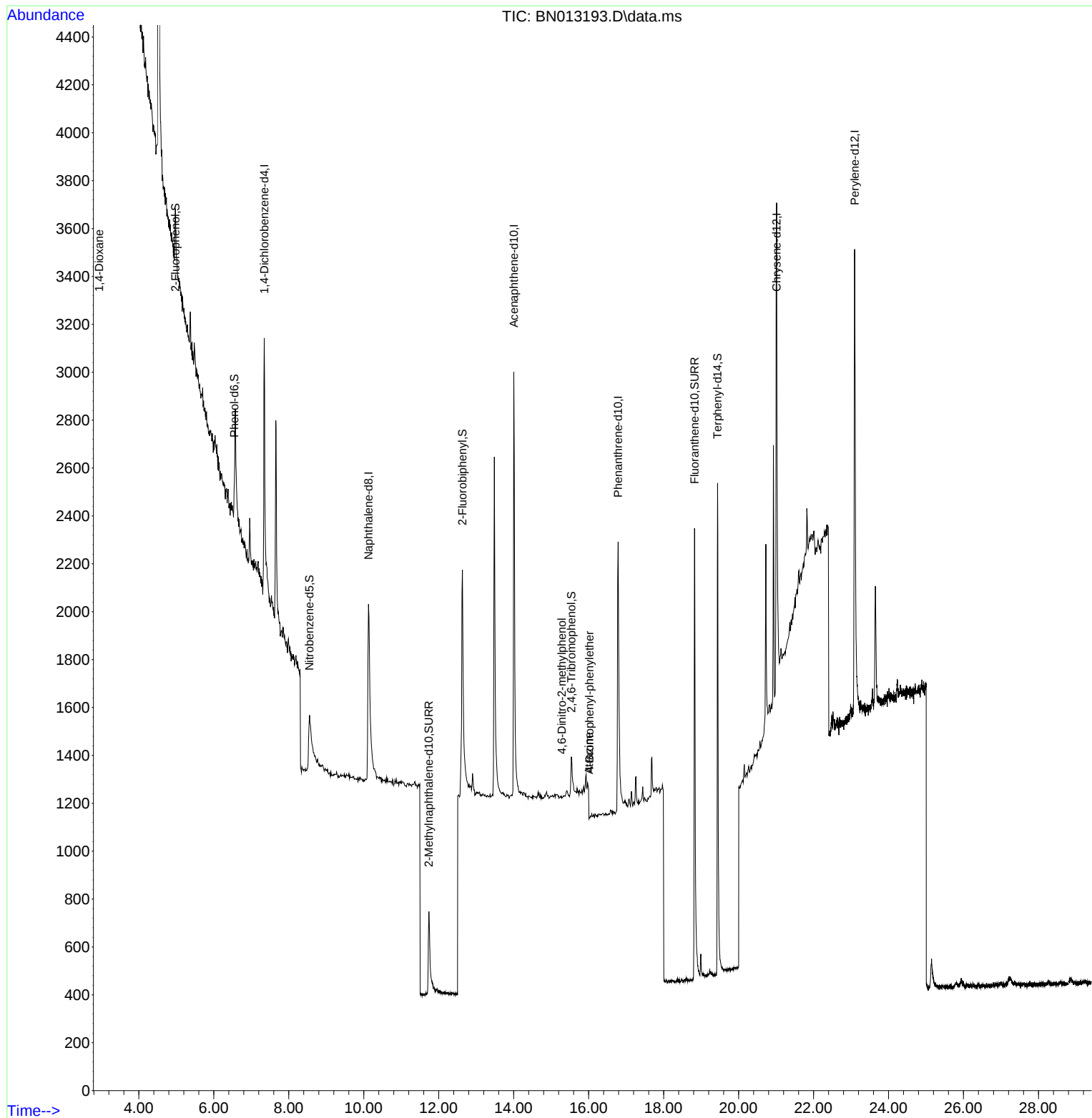
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	739	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2216	0.40	ng	# 0.01
13) Acenaphthene-d10	14.003	164	1404	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2970	0.40	ng	# 0.01
29) Chrysene-d12	21.013	240	3142	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	3277	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	288	0.10	ng	0.00
5) Phenol-d6	6.549	99	145	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	586	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	11.737	152	1038	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	201	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1535	0.26	ng	0.00
27) Fluoranthene-d10	18.823	212	3409	0.35	ng	0.00
31) Terphenyl-d14	19.439	244	2839	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.941	88	269	0.21	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	15.285	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.020	248	168	0.29	ng	# 75
23) Atrazine	16.008	200	170	0.10	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	865	Below Cal		# 96

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

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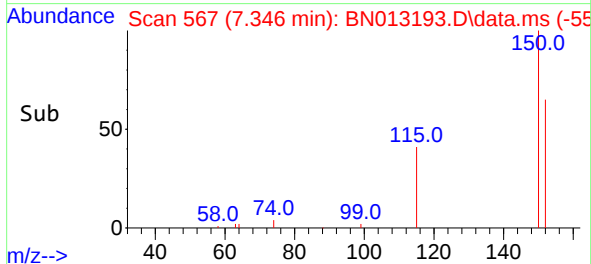
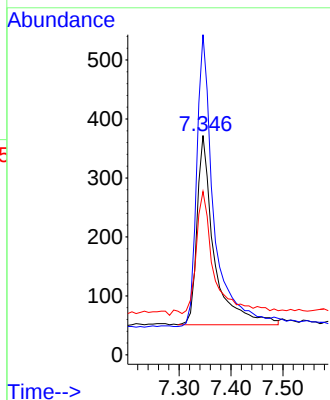
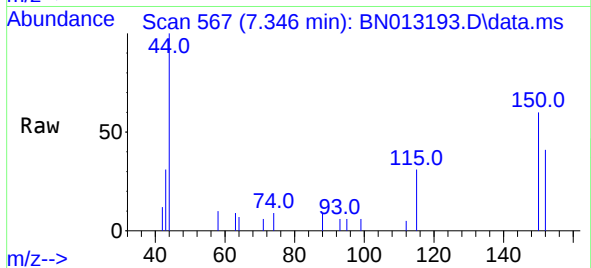




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

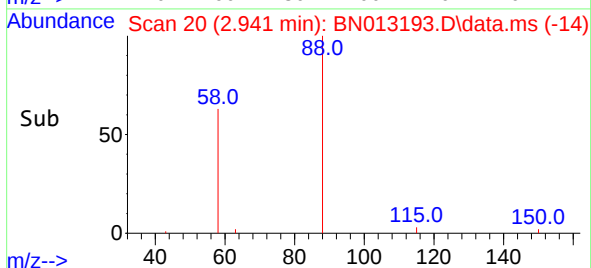
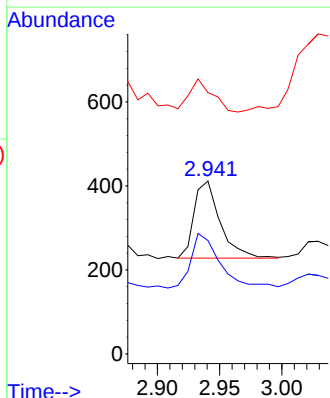
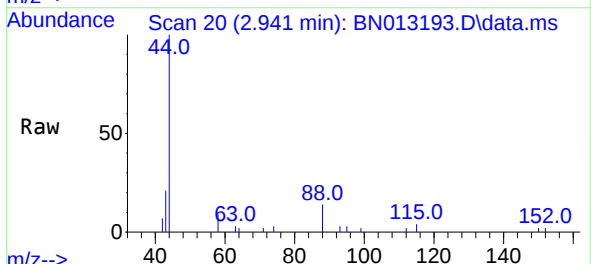
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 739
Ion Ratio Lower Upper
152 100
150 146.0 116.6 174.8
115 74.5 52.9 79.3



#2
1,4-Dioxane
Concen: 0.21 ng
RT: 2.941 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion: 88 Resp: 269
Ion Ratio Lower Upper
88 100
58 78.1 59.4 89.2
43 36.8 32.3 48.5

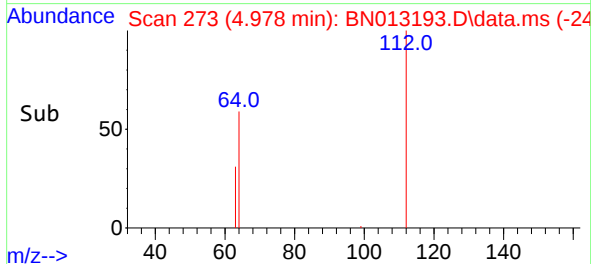
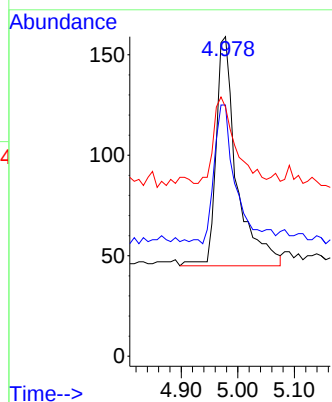
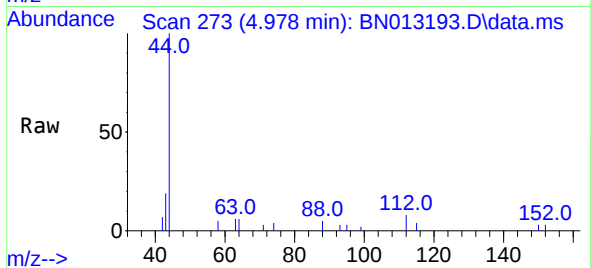




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

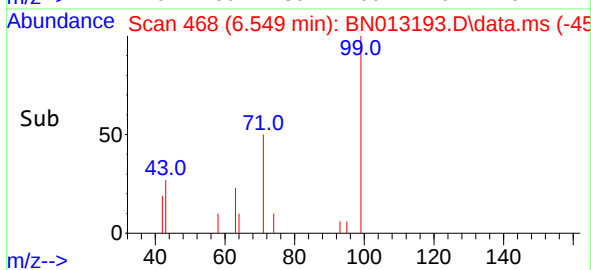
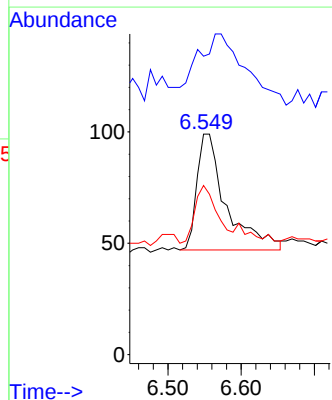
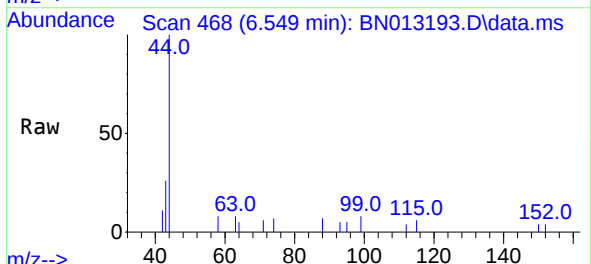
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 288
Ion Ratio Lower Upper
112 100
64 58.7 49.5 74.3
63 41.0 32.0 48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion: 99 Resp: 145
Ion Ratio Lower Upper
99 100
42 100.0 22.4 33.6#
71 37.9 37.8 56.6



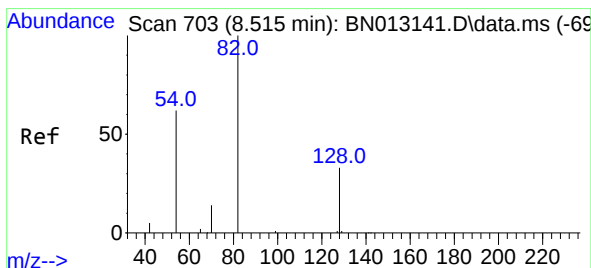
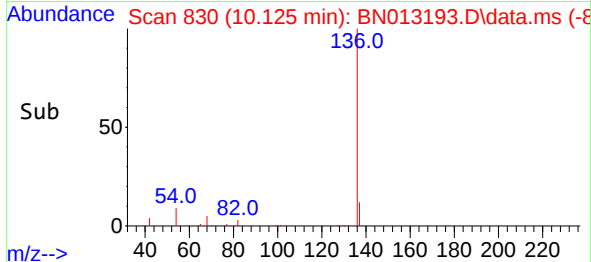
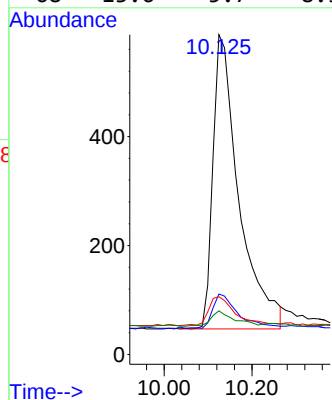
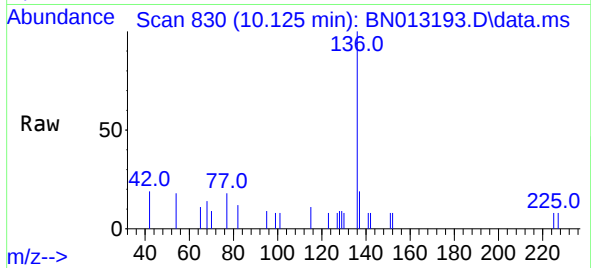


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Instrument :
BNA_N
ClientSampled :

Tgt Ion: 136 Resp: 2216

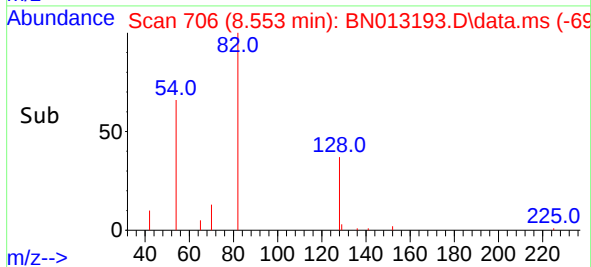
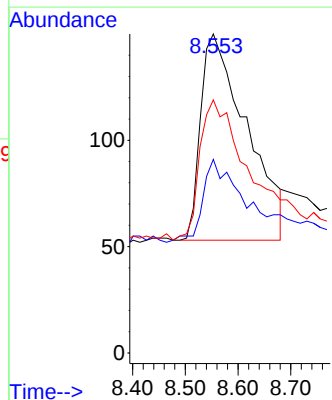
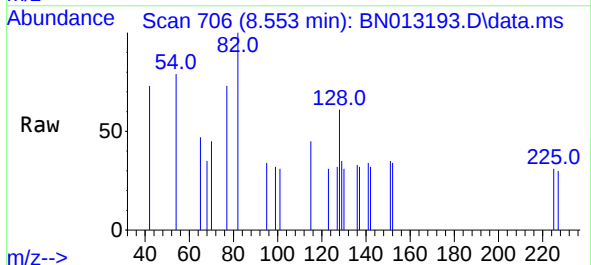
Ion	Ratio	Lower	Upper
136	100		
137	18.9	10.6	15.8#
54	18.1	8.6	12.8#
68	13.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion: 82 Resp: 586

Ion	Ratio	Lower	Upper
82	100		
128	60.7	30.6	46.0#
54	79.3	48.3	72.5#

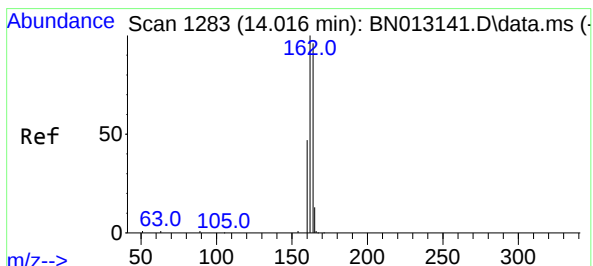
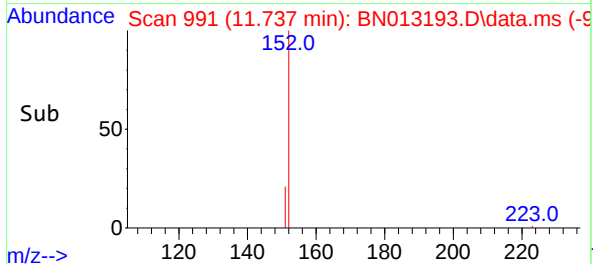
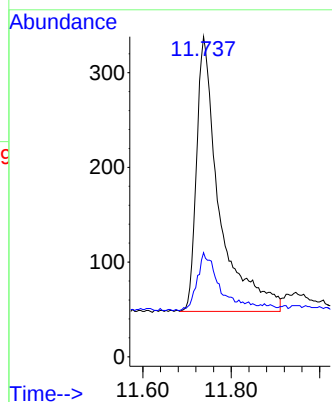
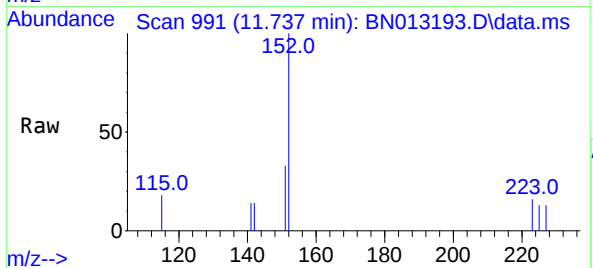




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.009 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

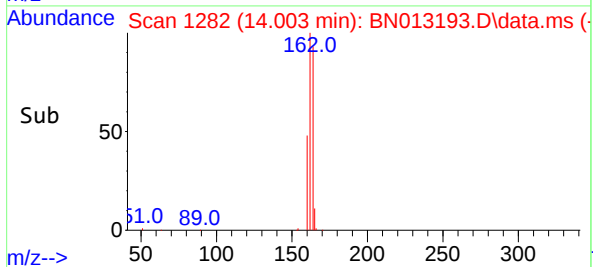
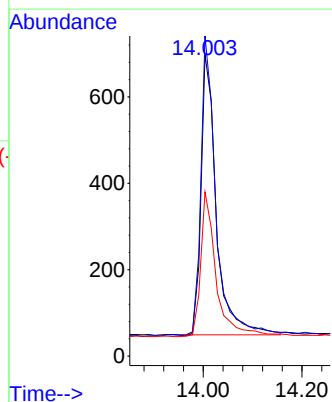
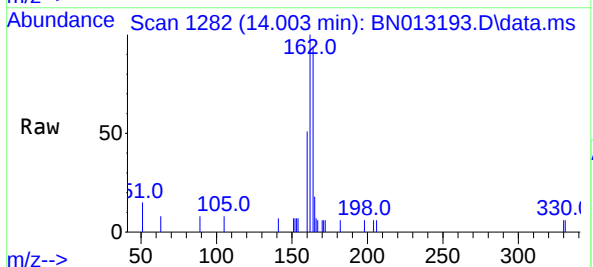
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 1038
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion:164 Resp: 1404
Ion Ratio Lower Upper
164 100
162 106.2 80.6 120.8
160 54.4 39.5 59.3

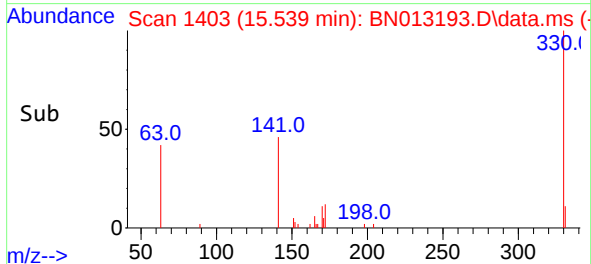
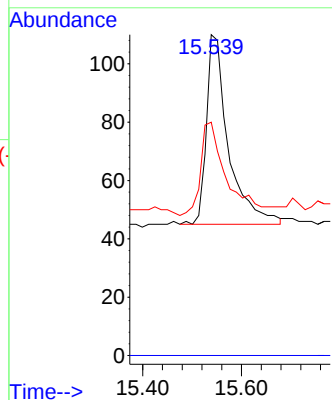
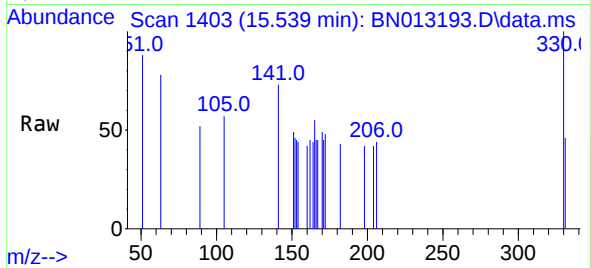




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

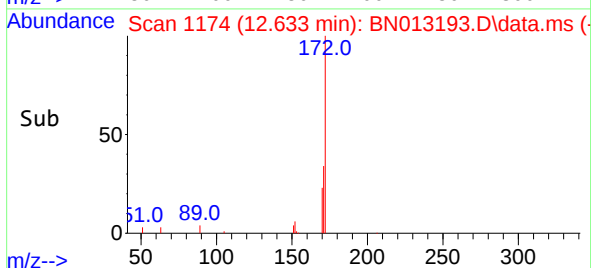
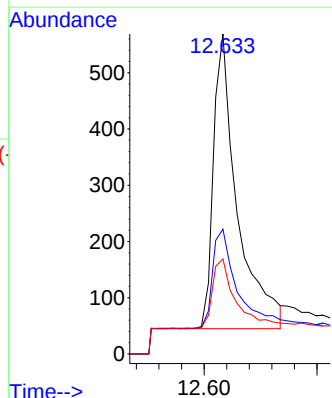
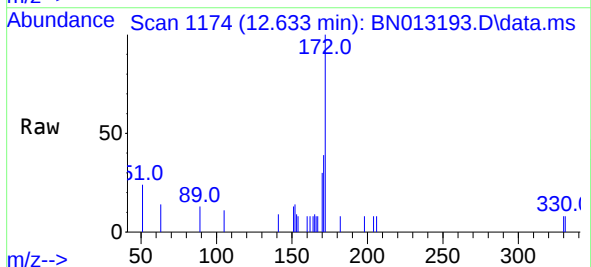
Instrument :
BNA_N
ClientSampled :

Tgt Ion:330 Resp: 201
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.7 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion:172 Resp: 1535
Ion Ratio Lower Upper
172 100
171 39.0 28.2 42.4
170 29.7 20.0 30.0

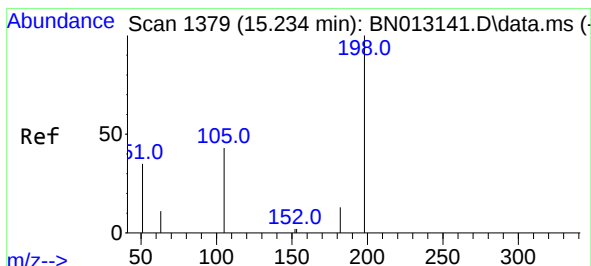
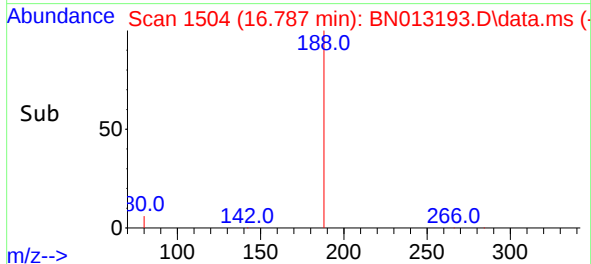
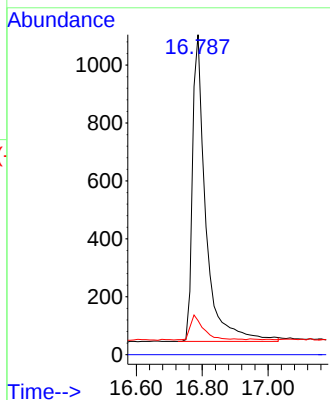
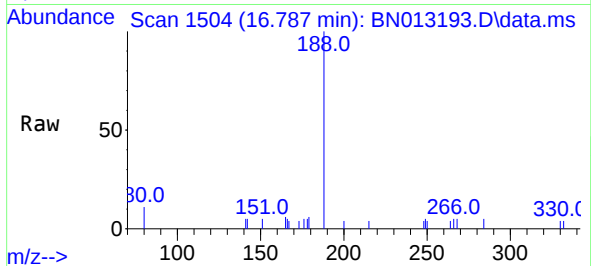




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

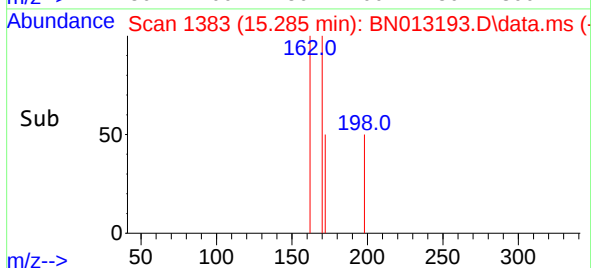
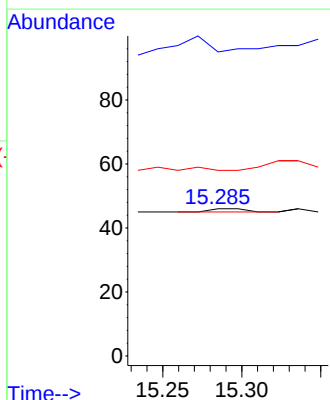
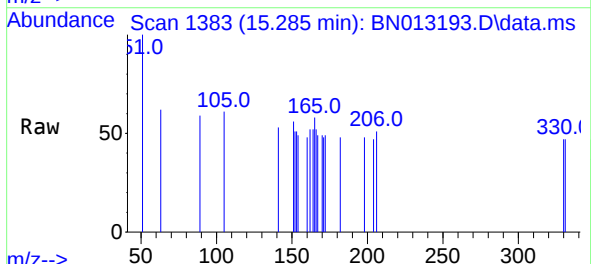
Instrument :
BNA_N
ClientSampled :

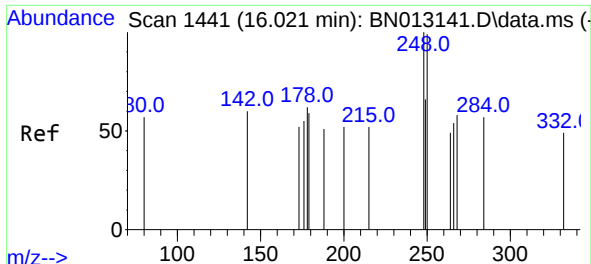
Tgt Ion:	188	Resp:	2970
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.038 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion:	198	Resp:	2
Ion	Ratio	Lower	Upper
198	100		
51	206.5	43.5	65.3#
105	126.1	27.2	40.8#

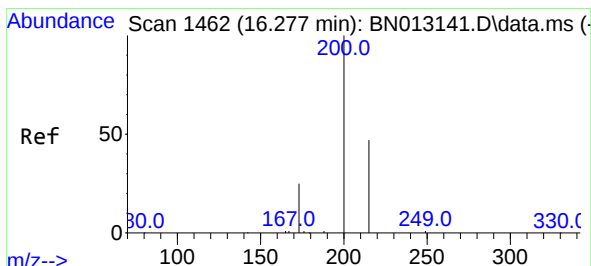
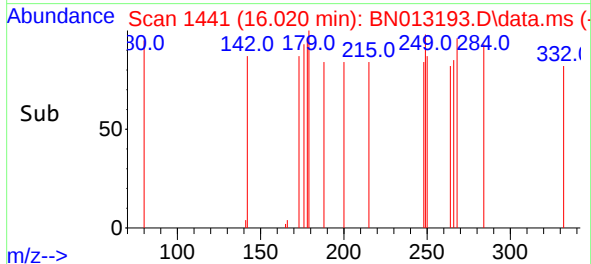
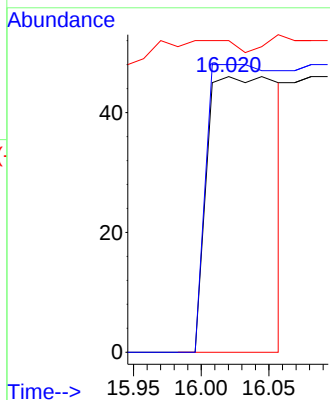
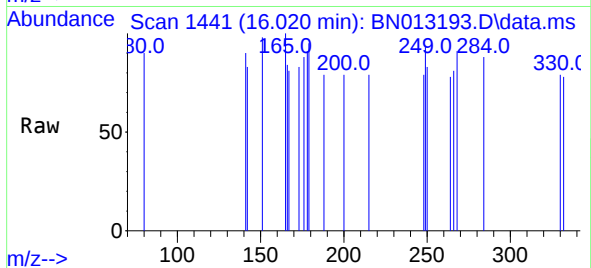




#21
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

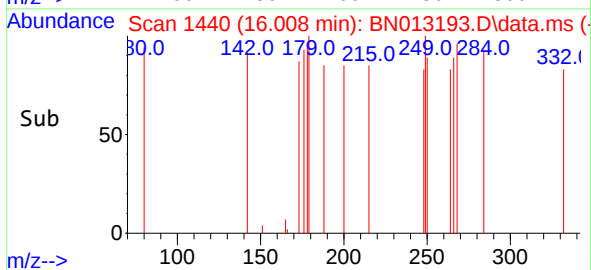
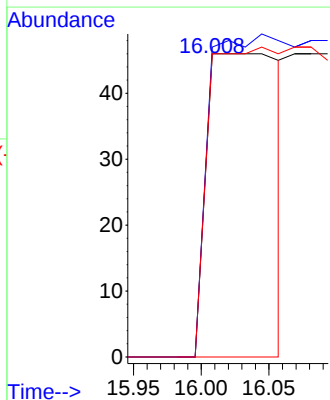
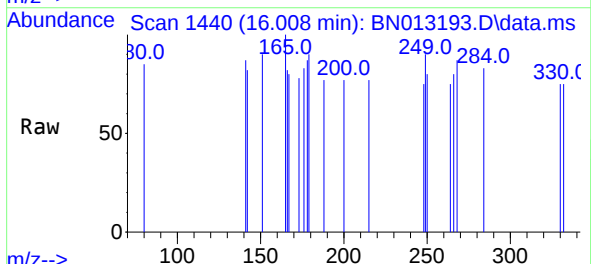
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BNA_N
ClientSampled :

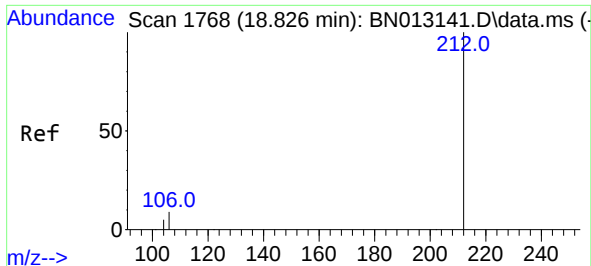
Tgt Ion:248 Resp: 168
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 113.0 57.8 86.8#



#23
Atrazine
Concen: 0.10 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#

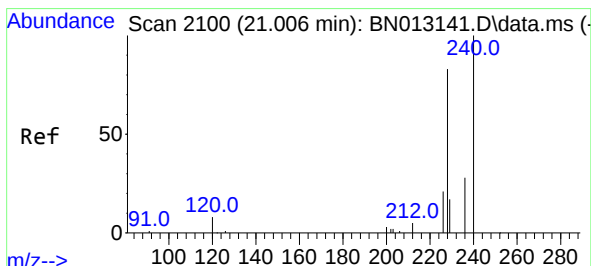
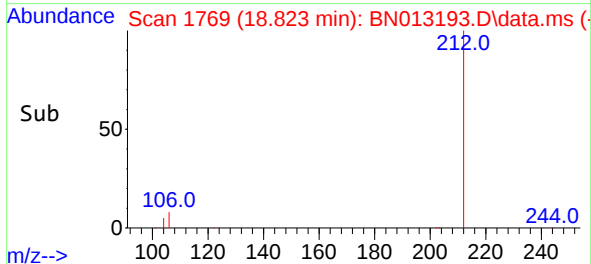
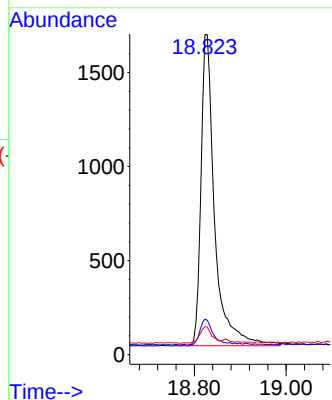
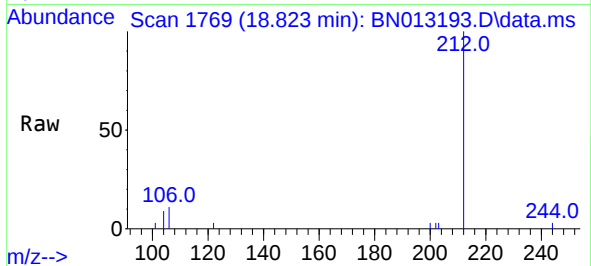




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

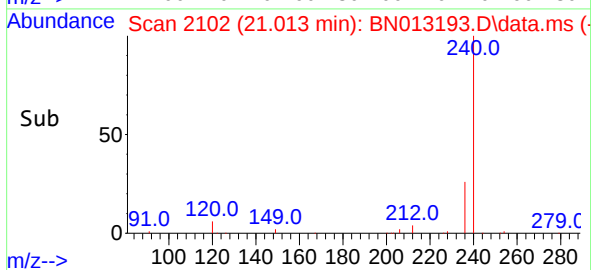
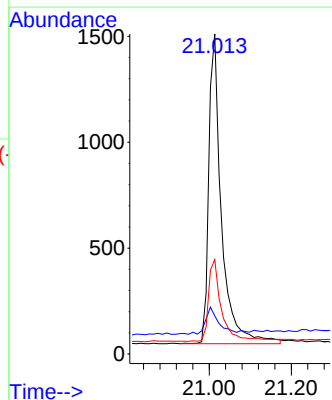
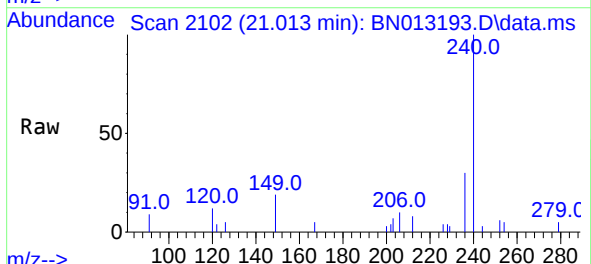
Instrument :
BNA_N
ClientSampled :

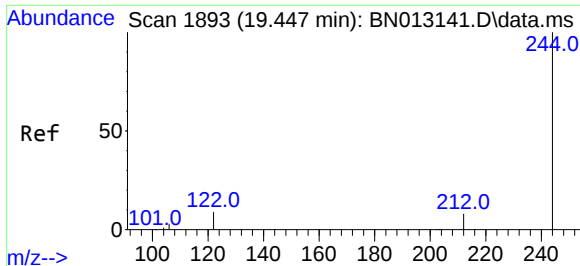
Tgt Ion:212 Resp: 3409
Ion Ratio Lower Upper
212 100
106 8.2 6.8 10.2
104 4.4 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.013 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion:240 Resp: 3142
Ion Ratio Lower Upper
240 100
120 11.9 5.3 7.9#
236 29.5 21.8 32.8

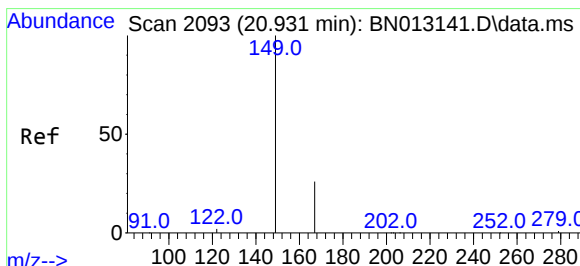
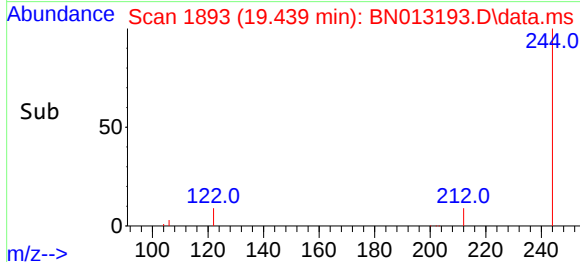
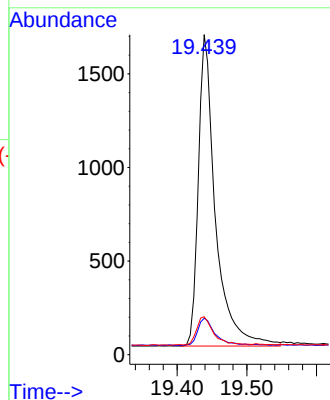
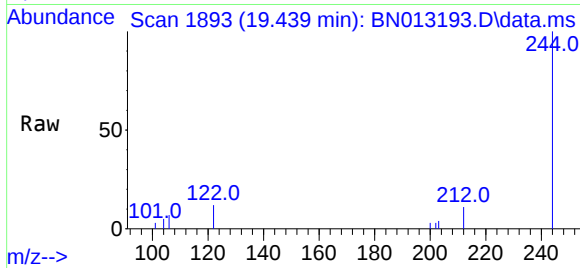




#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

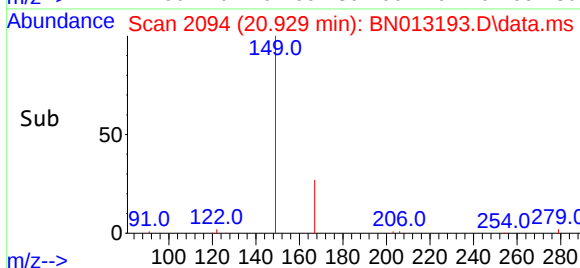
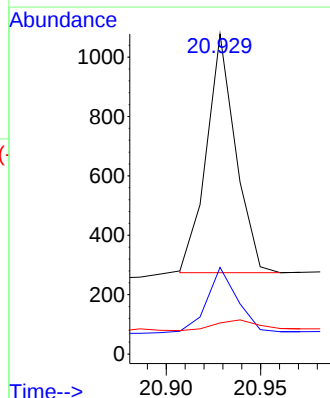
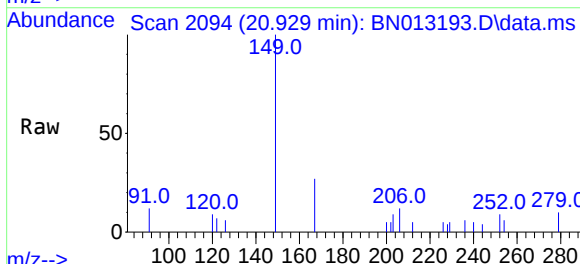
Instrument :
BNA_N
ClientSampled :

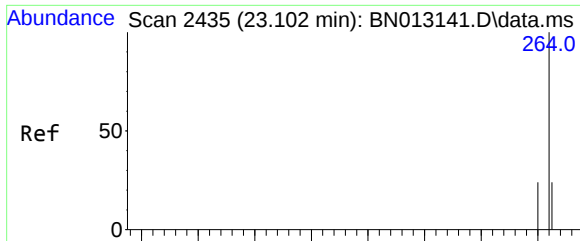
Tgt Ion:244 Resp: 2839
Ion Ratio Lower Upper
244 100
212 11.4 7.3 10.9#
122 11.9 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013193.D
Acq: 17 Dec 2020 19:25

Tgt Ion:149 Resp: 865
Ion Ratio Lower Upper
149 100
167 27.1 23.2 34.8
279 7.3 3.9 5.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.096 min Scan# 2435
 Delta R.T. -0.003 min
 Lab File: BN013193.D
 Acq: 17 Dec 2020 19:25

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:264 Resp: 3277

Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.8	29.6
265	84.7	51.4	77.0#

