

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013297.D
 Acq On : 23 Dec 2020 10:43
 Operator : CG/JU
 Sample : PB1323673BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133673BL

Quant Time: Dec 23 11:14:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

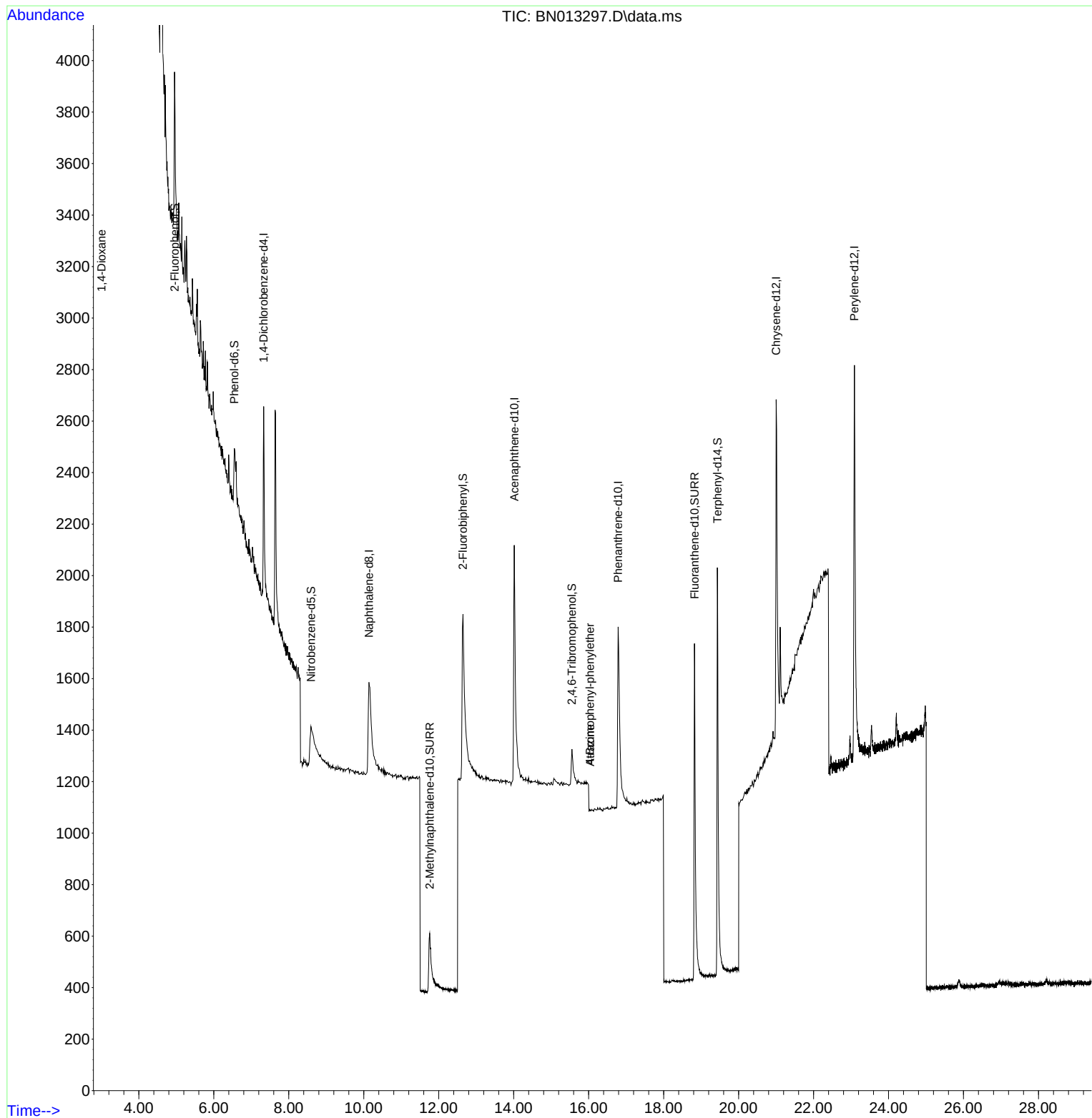
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	502	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1513	0.40	ng	# 0.04
13) Acenaphthene-d10	14.016	164	1118	0.40	ng	0.03
19) Phenanthrene-d10	16.787	188	2646	0.40	ng	# 0.02
29) Chrysene-d12	21.003	240	2538	0.40	ng	# 0.00
36) Perylene-d12	23.089	264	2910	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.954	112	661	0.32	ng	0.00
5) Phenol-d6	6.549	99	508	0.24	ng	0.00
8) Nitrobenzene-d5	8.591	82	439	0.28	ng	0.09
11) 2-Methylnaphthalene-d10	11.760	152	934	0.35	ng	0.05
14) 2,4,6-Tribromophenol	15.552	330	228	0.32	ng	0.03
15) 2-Fluorobiphenyl	12.646	172	1567	0.33	ng	0.04
27) Fluoranthene-d10	18.823	212	2942	0.34	ng	0.00
31) Terphenyl-d14	19.434	244	3037	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.005	88	43	0.05	ng	# 20
21) 4-Bromophenyl-phenylether	16.033	248	167	0.32	ng	# 83
23) Atrazine	16.045	200	200	0.13	ng	# 4
34) Bis(2-ethylhexyl)phtha...	20.918	149	48	Below	Cal	# 85

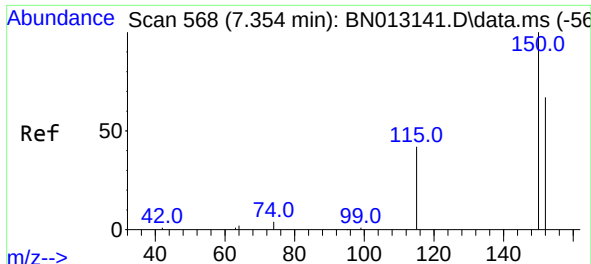
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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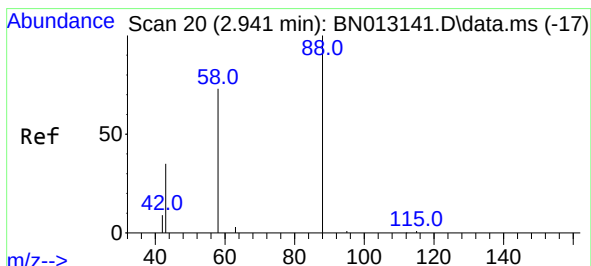
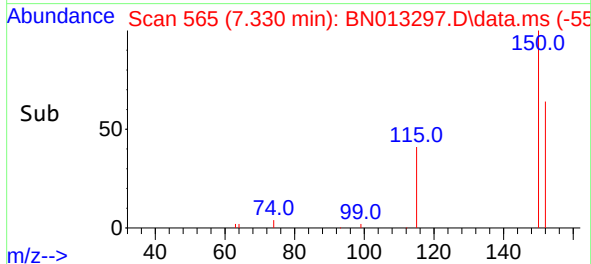
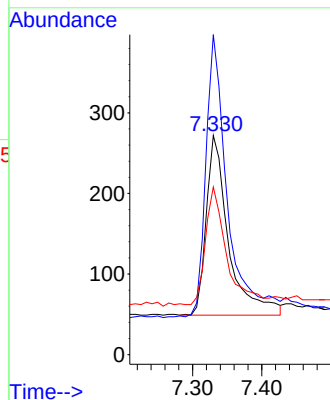
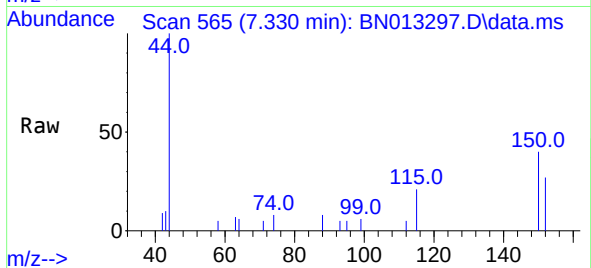




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

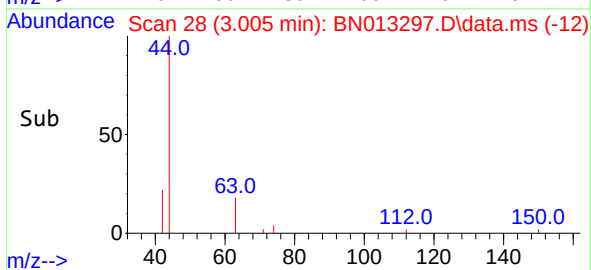
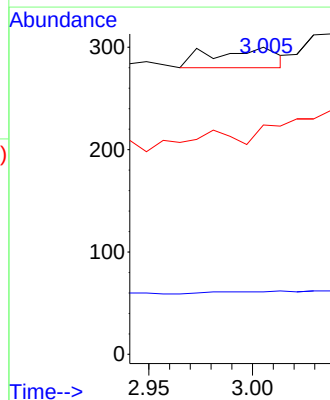
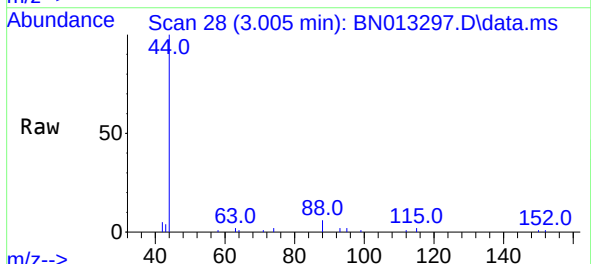
Instrument :
BNA_N
ClientSampleId :
PB133673BL

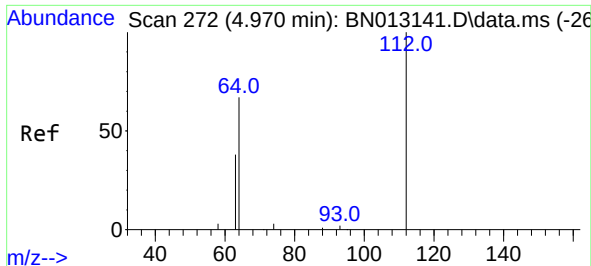
Tgt Ion: 152 Resp: 502
Ion Ratio Lower Upper
152 100
150 146.0 116.6 174.8
115 76.5 52.9 79.3



#2
1,4-Dioxane
Concen: 0.05 ng
RT: 3.005 min Scan# 28
Delta R.T. 0.081 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
58 0.0 59.4 89.2#
43 0.0 32.3 48.5#

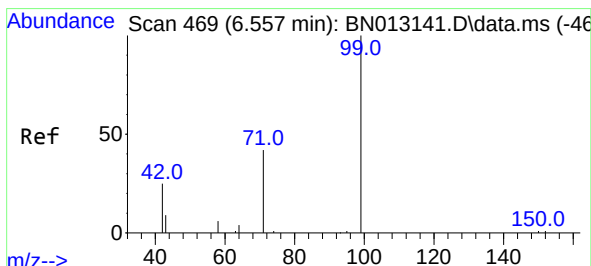
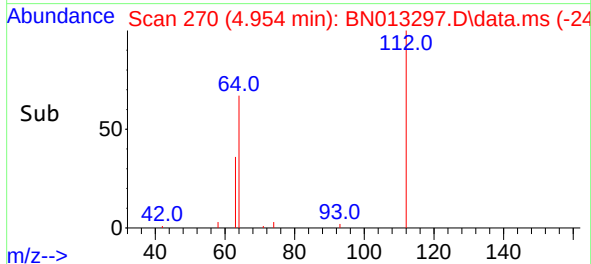
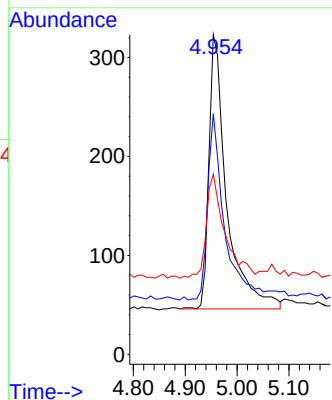
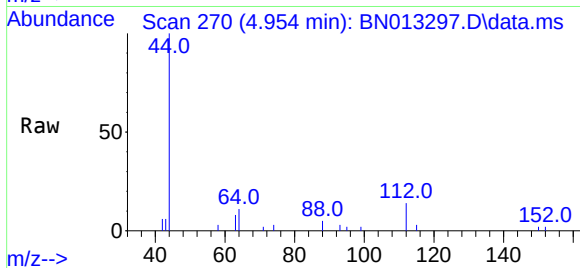




#4
2-Fluorophenol
Concen: 0.32 ng
RT: 4.954 min Scan# 270
Delta R.T. 0.000 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

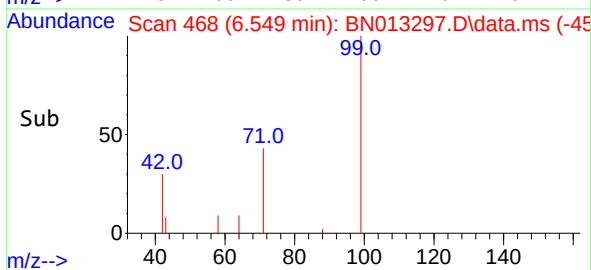
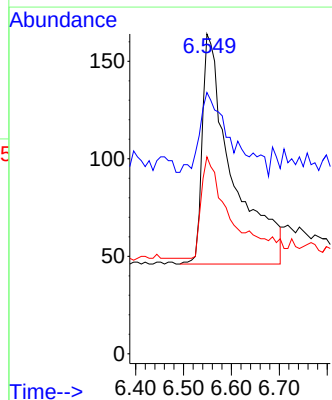
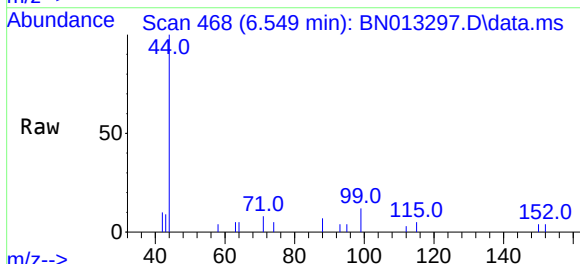
Instrument :
BNA_N
ClientSampleId :
PB133673BL

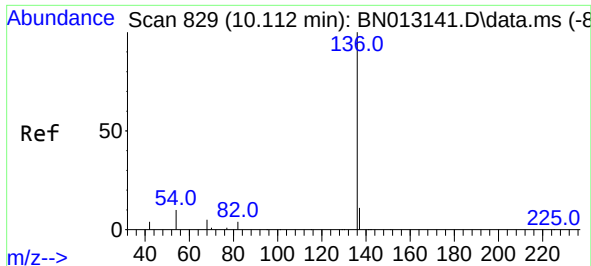
Tgt Ion:	112	Resp:	661
Ion	Ratio	Lower	Upper
112	100		
64	64.3	49.5	74.3
63	39.6	32.0	48.0



#5
Phenol-d6
Concen: 0.24 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.008 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion:	99	Resp:	508
Ion	Ratio	Lower	Upper
99	100		
42	31.7	22.4	33.6
71	41.5	37.8	56.6

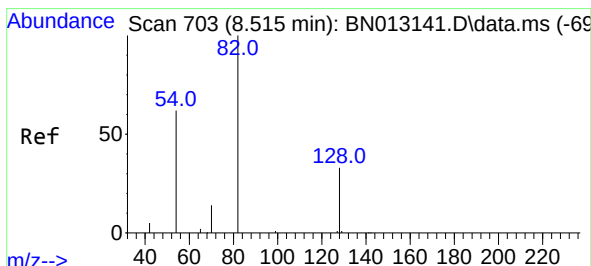
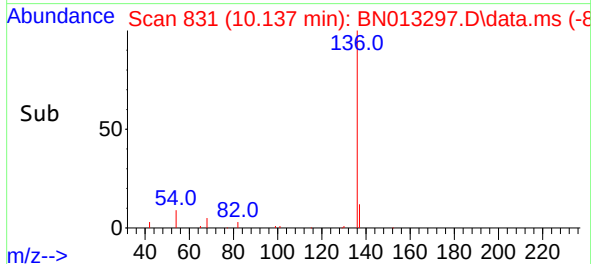
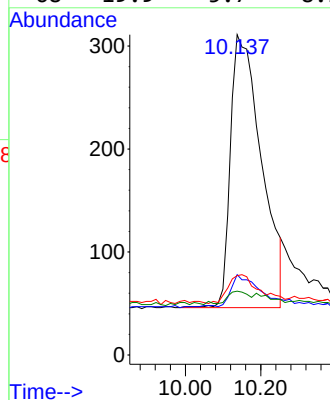
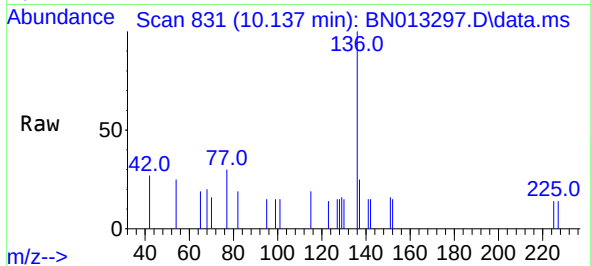




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.038 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

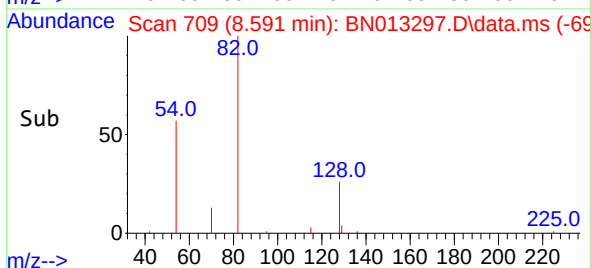
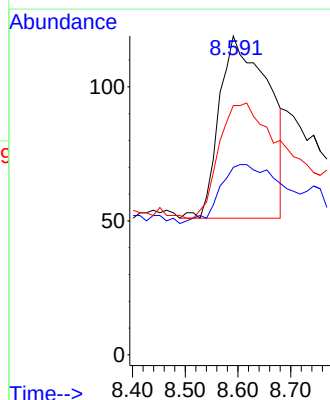
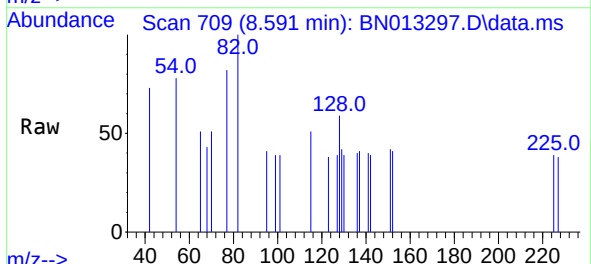
Instrument :
BNA_N
ClientSampleId :
PB133673BL

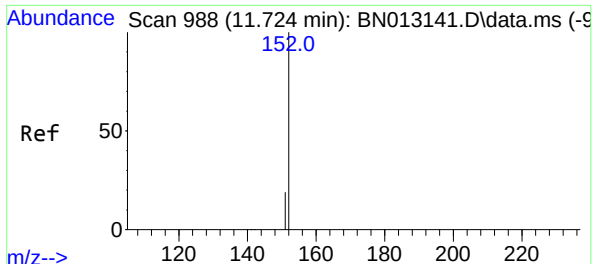
Tgt Ion:	136	Resp:	1513
Ion	Ratio	Lower	Upper
136	100		
137	25.1	10.6	15.8#
54	24.8	8.6	12.8#
68	19.9	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion:	82	Resp:	439
Ion	Ratio	Lower	Upper
82	100		
128	58.8	30.6	46.0#
54	78.2	48.3	72.5#

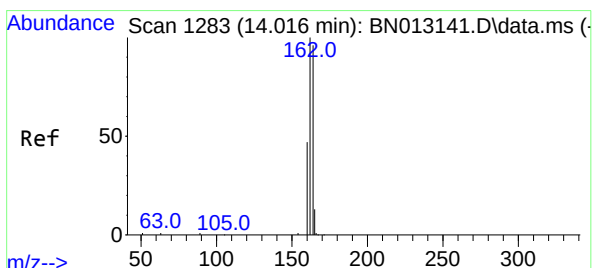
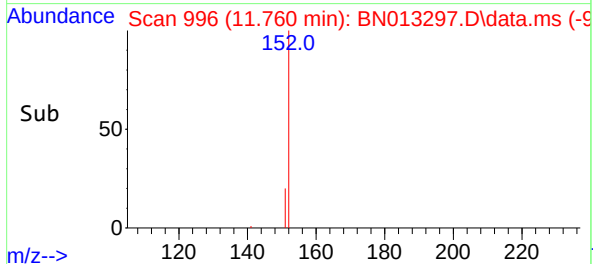
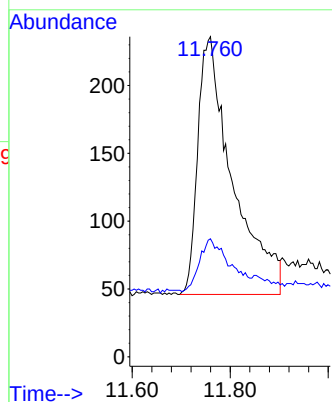
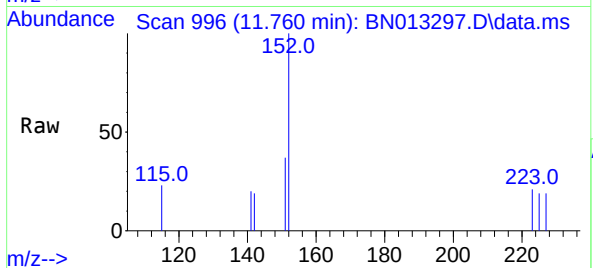




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 11.760 min Scan# 996
Delta R.T. 0.053 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

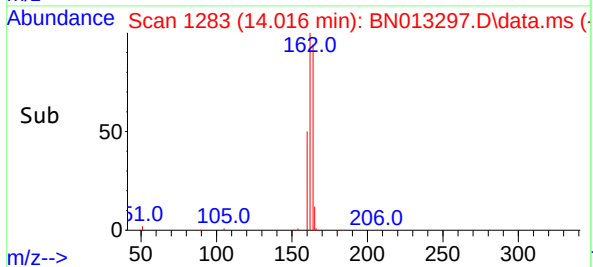
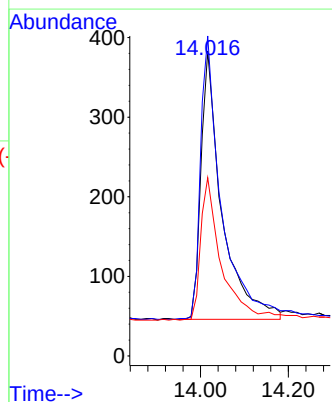
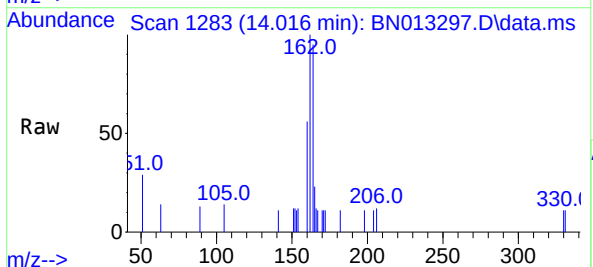
Instrument :
BNA_N
ClientSampleId :
PB133673BL

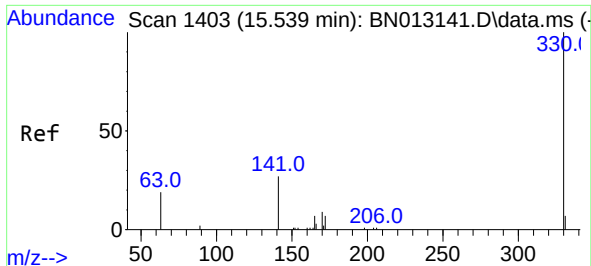
Tgt Ion:152 Resp: 934
Ion Ratio Lower Upper
152 100
151 17.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.025 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion:164 Resp: 1118
Ion Ratio Lower Upper
164 100
162 105.0 80.6 120.8
160 58.5 39.5 59.3

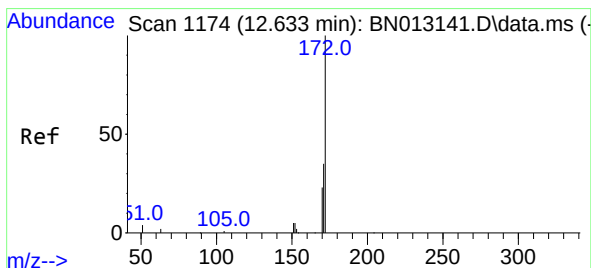
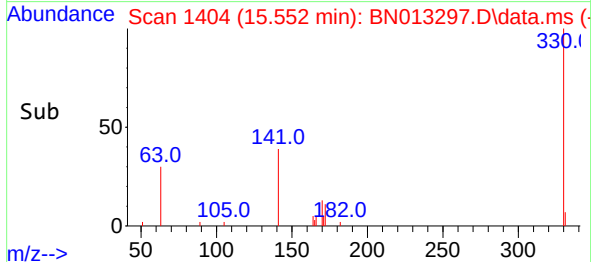
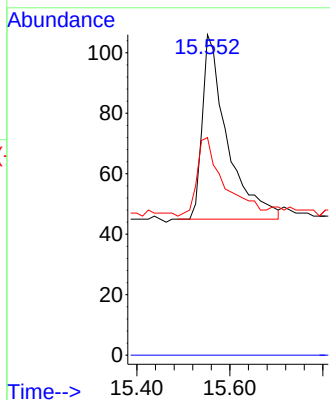
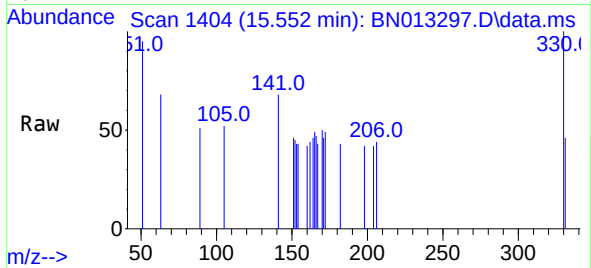




#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.025 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

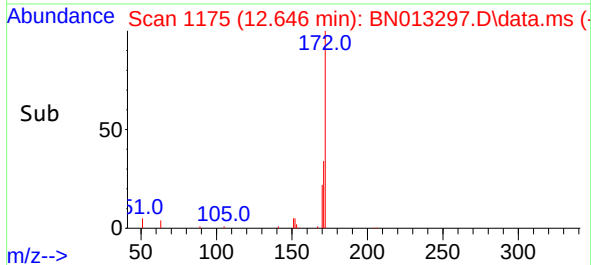
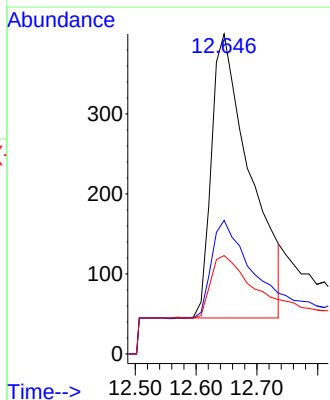
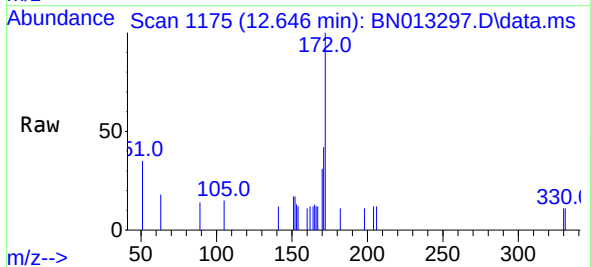
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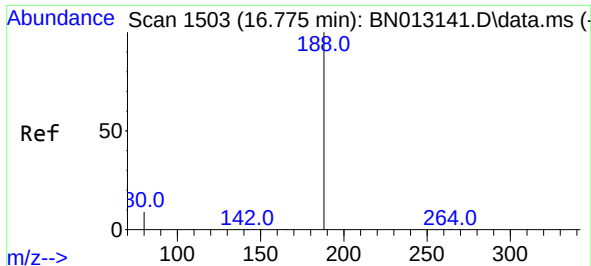
Tgt Ion:330 Resp: 228
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.038 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion:172 Resp: 1567
Ion Ratio Lower Upper
172 100
171 41.8 28.2 42.4
170 30.8 20.0 30.0#

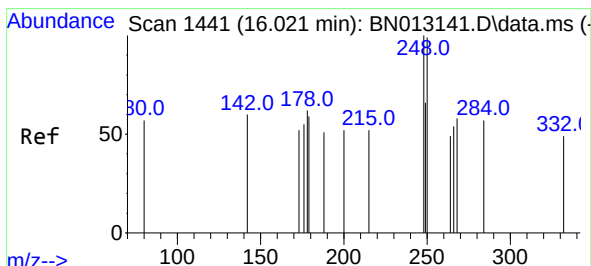
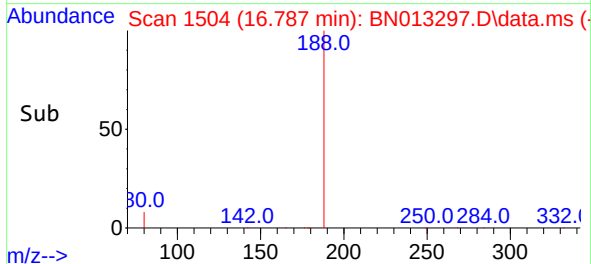
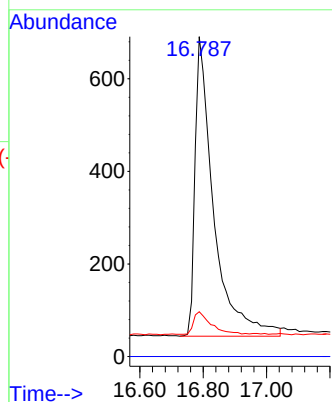
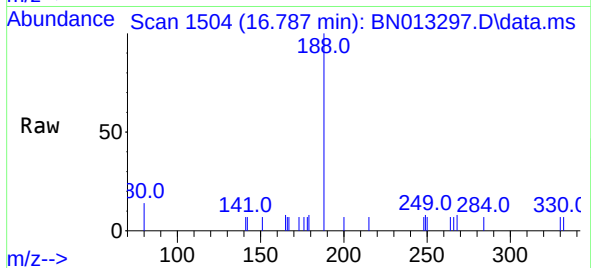




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.024 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

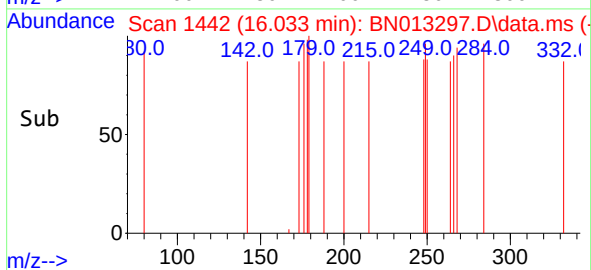
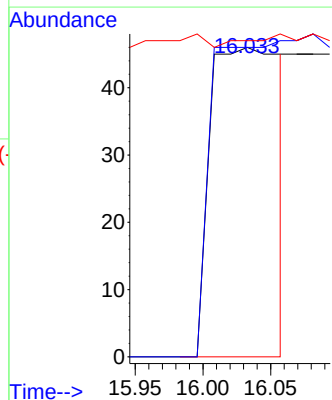
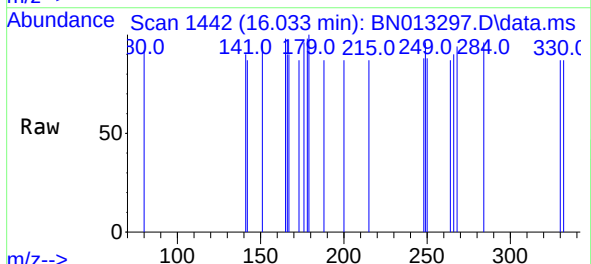
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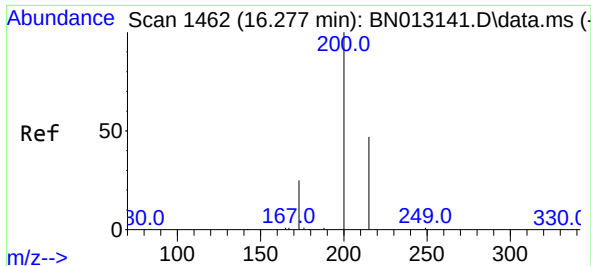
Tgt Ion:188 Resp: 2646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 5.0 7.4#



#21
4-Bromophenyl-phenylether
Concen: 0.32 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

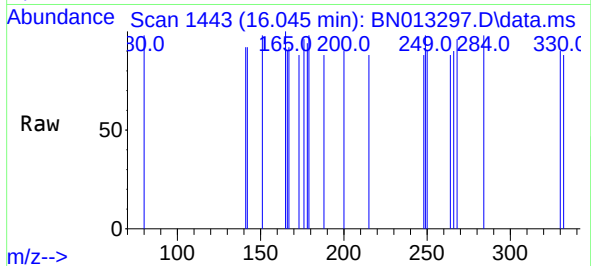
Tgt Ion:248 Resp: 167
Ion Ratio Lower Upper
248 100
250 100.0 77.3 115.9
141 102.2 57.8 86.8#



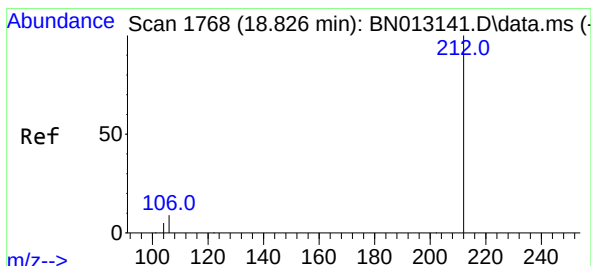
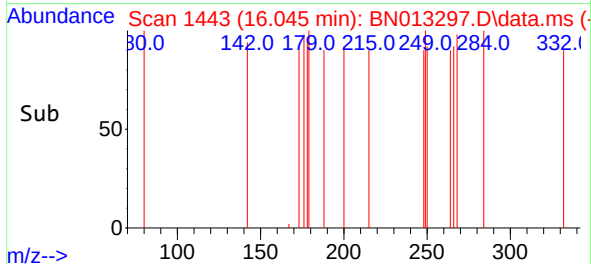
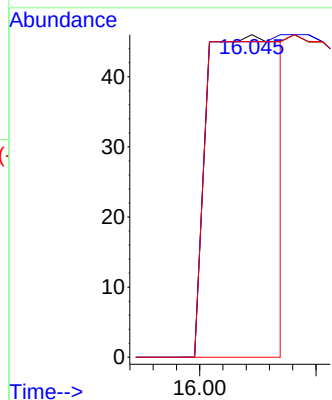


#23
Atrazine
Concen: 0.13 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.220 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Instrument :
BNA_N
ClientSampleId :
PB133673BL

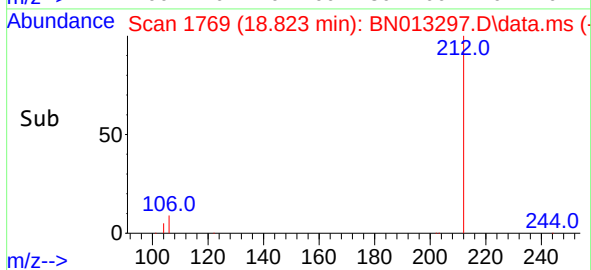
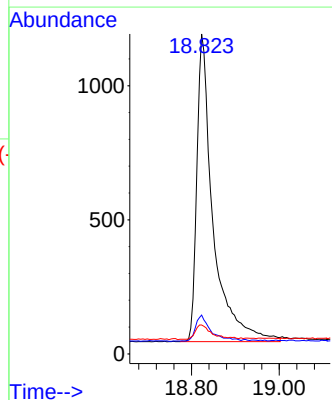
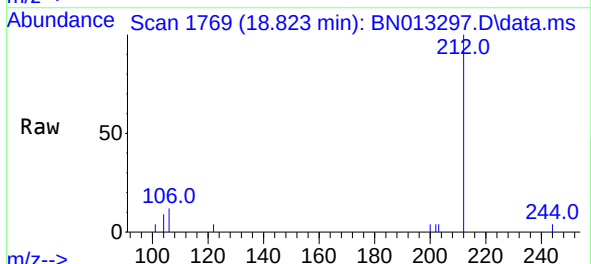


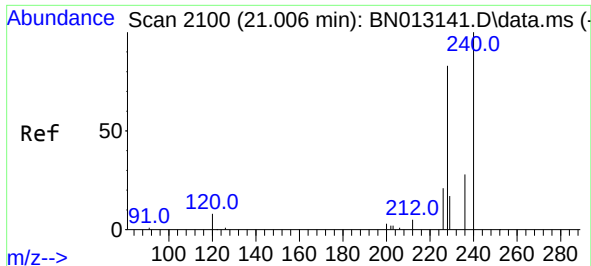
Tgt Ion:200 Resp: 200
Ion Ratio Lower Upper
200 100
173 97.8 22.8 34.2#
215 97.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.823 min Scan# 1769
Delta R.T. 0.007 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion:212 Resp: 2942
Ion Ratio Lower Upper
212 100
106 8.1 6.8 10.2
104 4.4 4.1 6.1

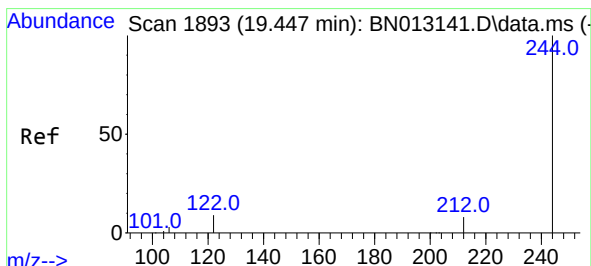
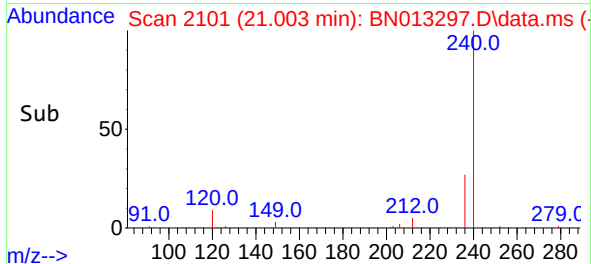
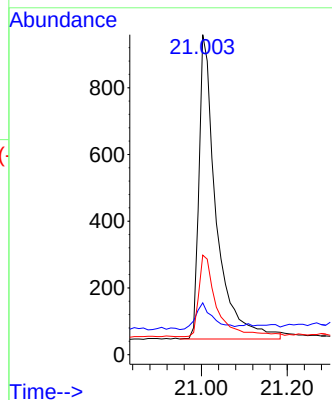
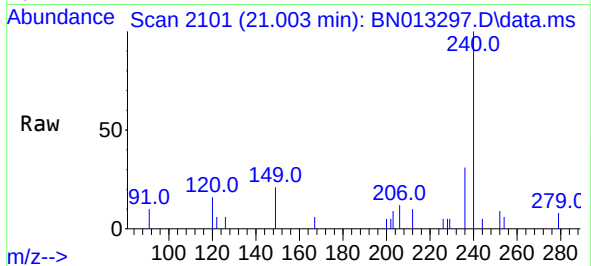




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

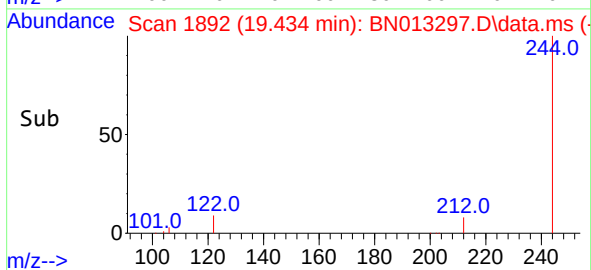
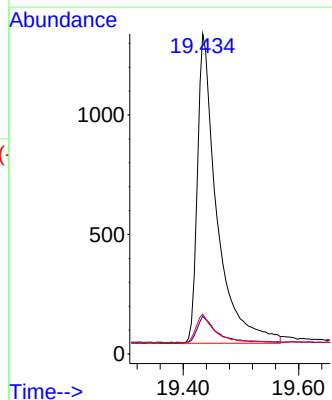
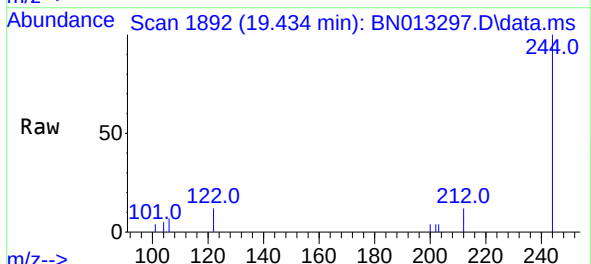
Instrument :
BNA_N
ClientSampleId :
PB133673BL

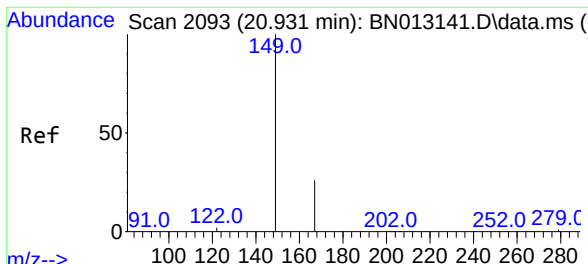
Tgt Ion:240 Resp: 2538
Ion Ratio Lower Upper
240 100
120 16.2 5.3 7.9#
236 31.1 21.8 32.8



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.434 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BN013297.D
Acq: 23 Dec 2020 10:43

Tgt Ion:244 Resp: 3037
Ion Ratio Lower Upper
244 100
212 11.8 7.3 10.9#
122 12.4 7.3 10.9#



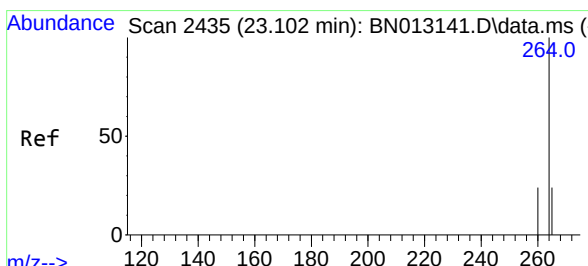
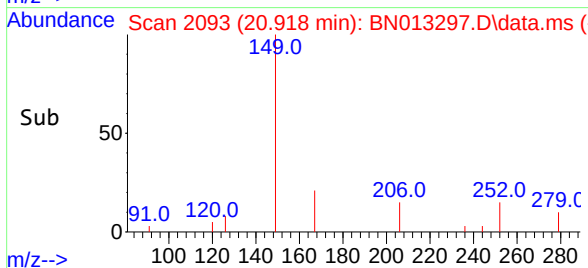
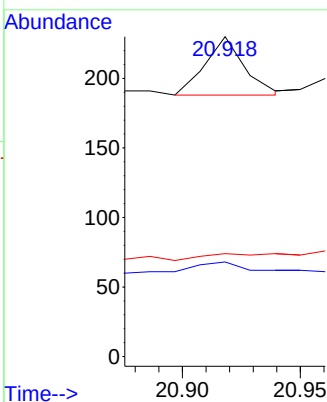
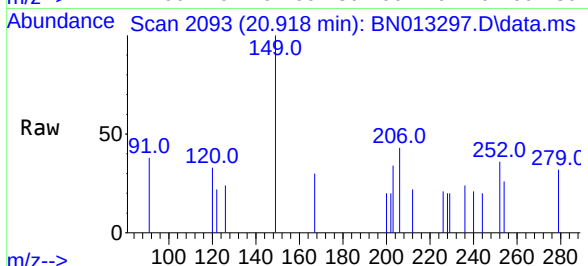


#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013297.D
 Acq: 23 Dec 2020 10:43

Instrument :
 BNA_N
 ClientSampleId :
 PB133673BL

Tgt Ion:149 Resp: 48

Ion	Ratio	Lower	Upper
149	100		
167	20.8	23.2	34.8#
279	0.0	3.9	5.9#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.089 min Scan# 2433
 Delta R.T. 0.004 min
 Lab File: BN013297.D
 Acq: 23 Dec 2020 10:43

Tgt Ion:264 Resp: 2910

Ion	Ratio	Lower	Upper
264	100		
260	27.0	19.8	29.6
265	86.8	51.4	77.0#

