

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013190.D
 Acq On : 17 Dec 2020 17:37
 Operator : CG/JU
 Sample : L5053-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20201209

Quant Time: Dec 18 03:04:54 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)

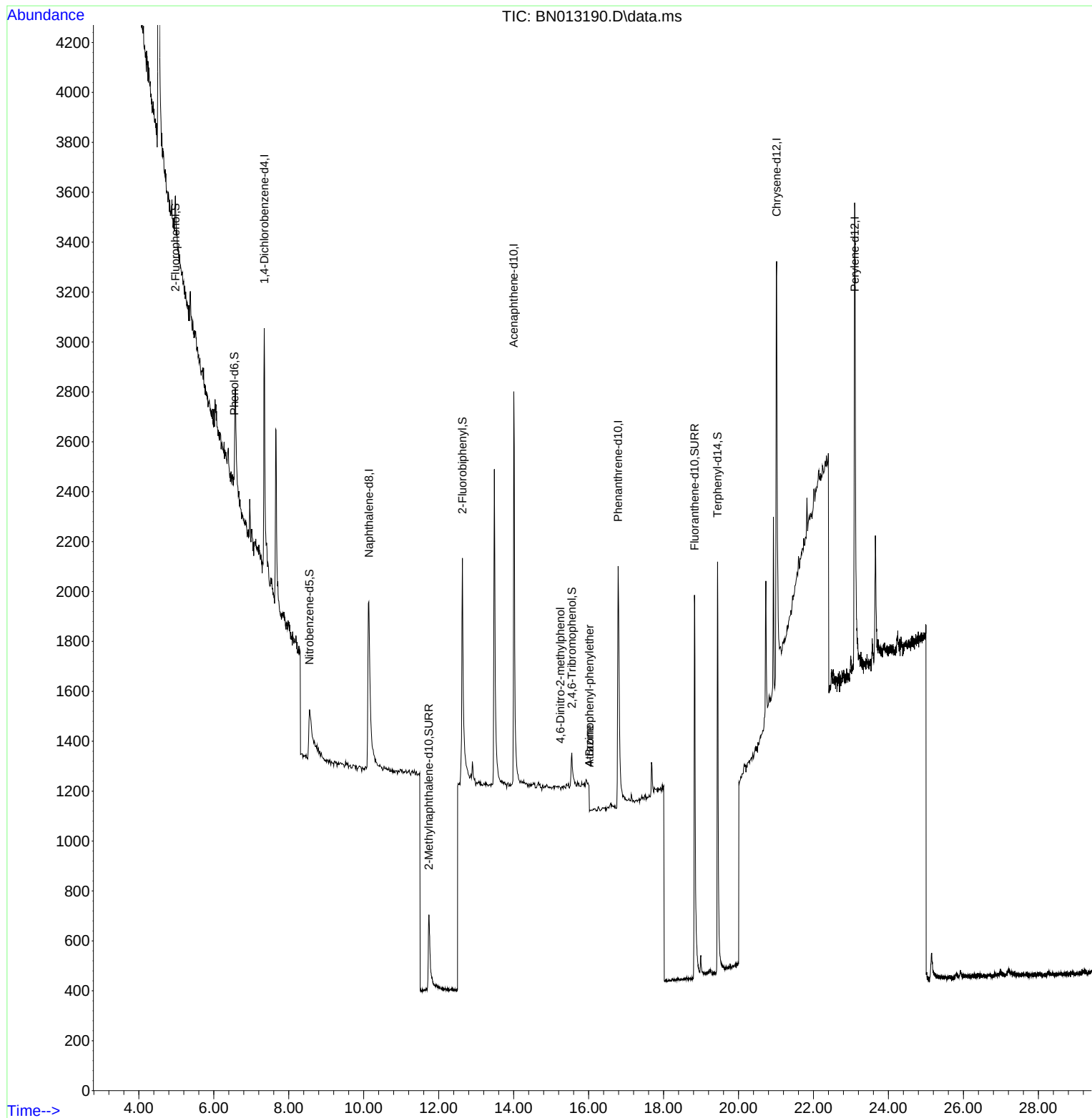
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2083	0.40	ng	# 0.03
13) Acenaphthene-d10	14.003	164	1319	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	2761	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2880	0.40	ng	# 0.01
36) Perylene-d12	23.099	264	3163	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	229	0.08	ng	0.00
5) Phenol-d6	6.549	99	128	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	502	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.737	152	896	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.551	330	180	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1401	0.25	ng	0.00
27) Fluoranthene-d10	18.826	212	2963	0.33	ng	0.00
31) Terphenyl-d14	19.441	244	2496	0.34	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.247	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	168	0.31	ng	# 78
23) Atrazine	16.021	200	101	0.06	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	568	Below Cal		# 97

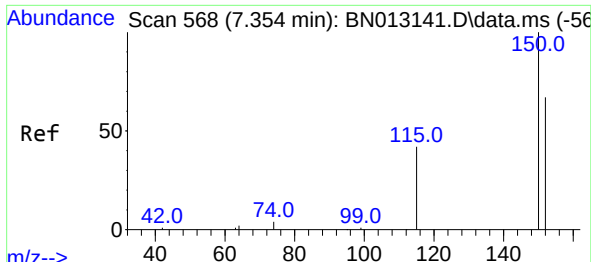
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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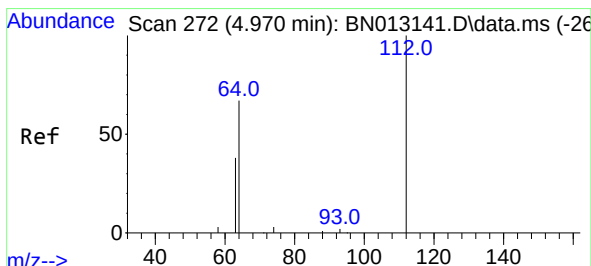
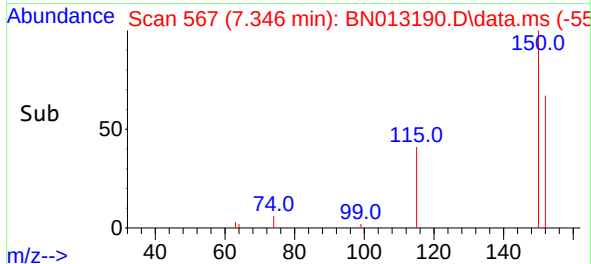
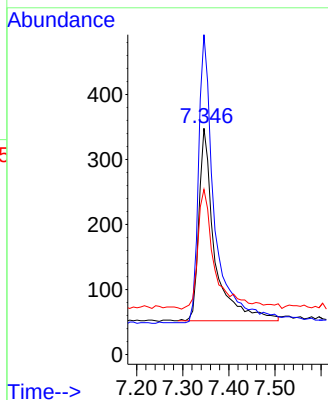
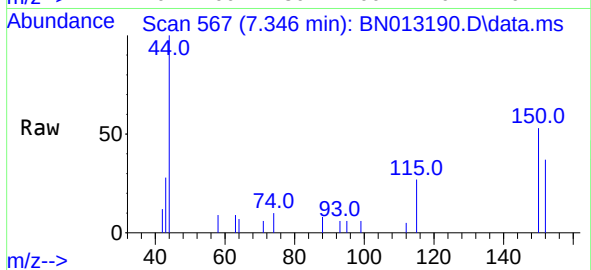




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

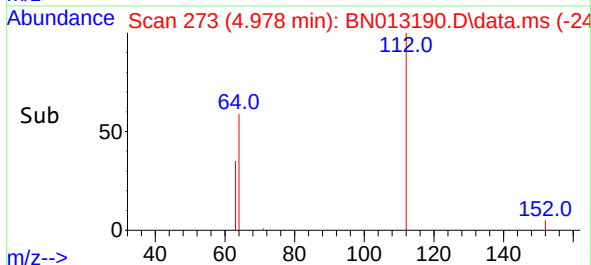
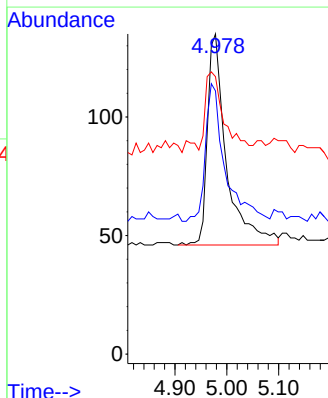
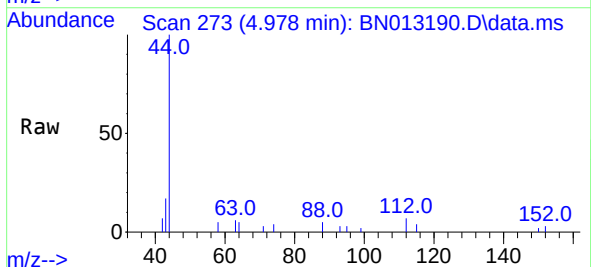
Instrument :
BNA_N
ClientSampleId :
RE122D3-20201209

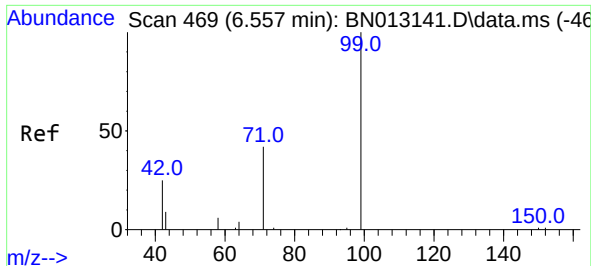
Tgt Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
150 141.4 116.6 174.8
115 73.0 52.9 79.3



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:112 Resp: 229
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 37.1 32.0 48.0

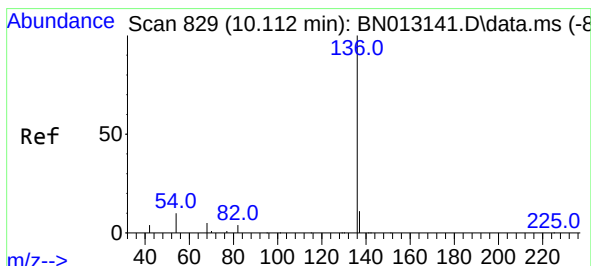
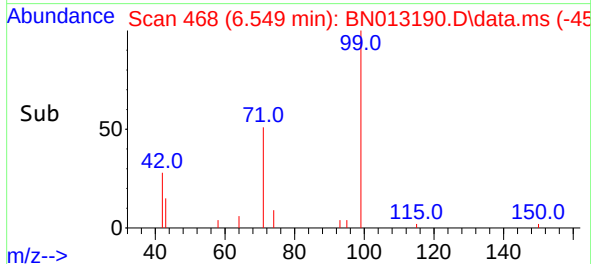
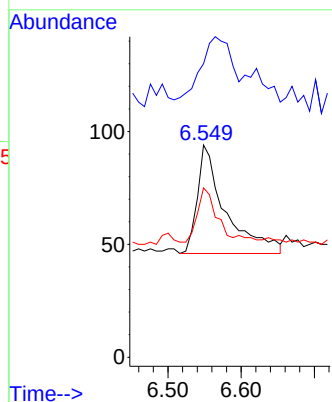
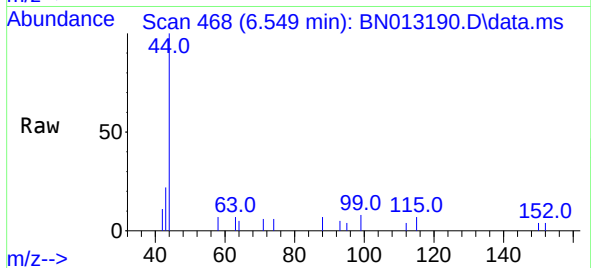




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

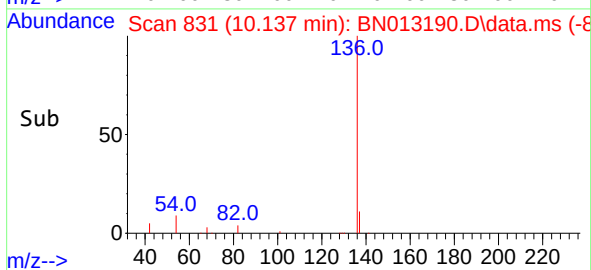
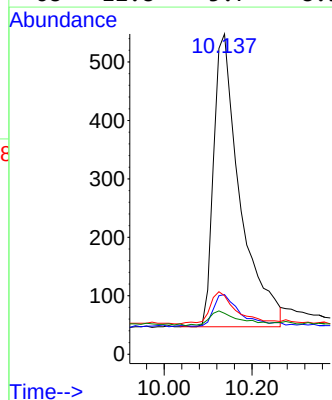
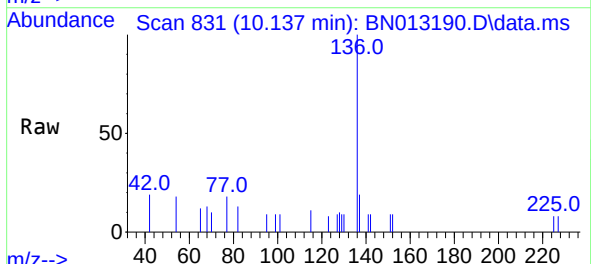
Instrument :
BNA_N
ClientSampleId :
RE122D3-20201209

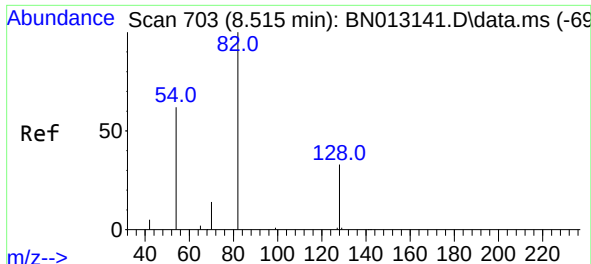
Tgt Ion: 99 Resp: 128
Ion Ratio Lower Upper
99 100
42 61.7 22.4 33.6#
71 36.7 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion: 136 Resp: 2083
Ion Ratio Lower Upper
136 100
137 18.6 10.6 15.8#
54 18.2 8.6 12.8#
68 12.8 5.7 8.5#

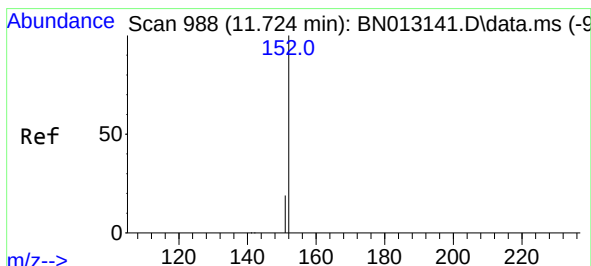
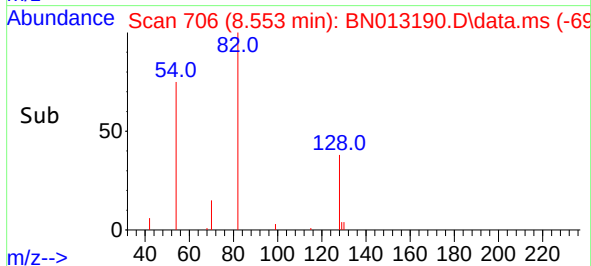
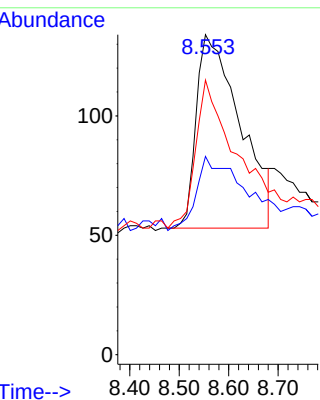
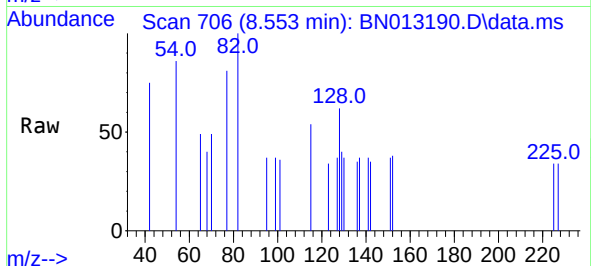




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

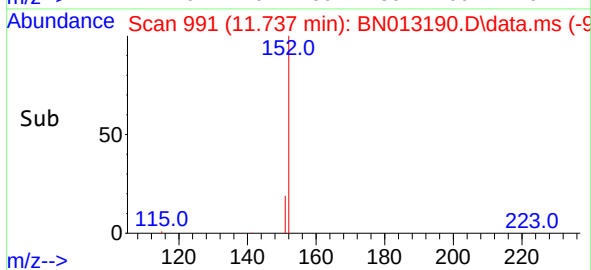
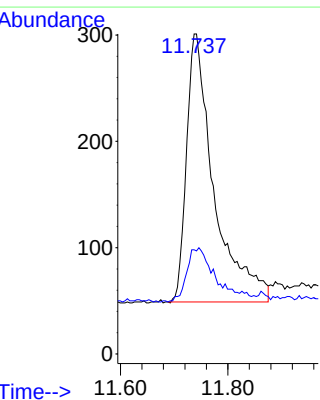
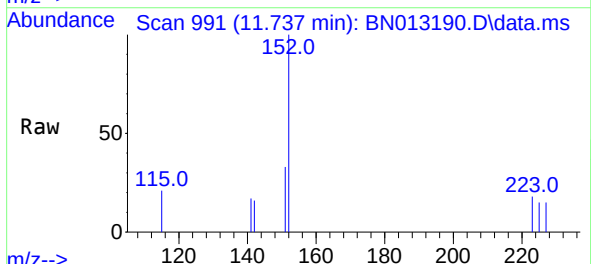
Instrument :
BNA_N
ClientSampleId :
RE122D3-20201209

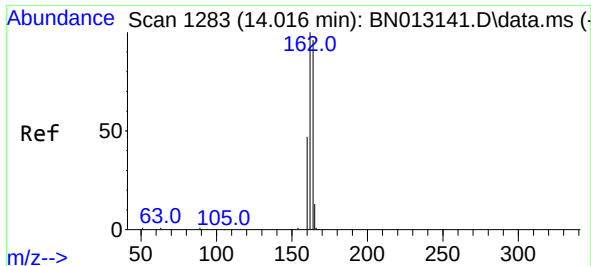
Tgt Ion:	82	Resp:	502
Ion	Ratio	Lower	Upper
82	100		
128	61.9	30.6	46.0#
54	85.8	48.3	72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.009 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:	152	Resp:	896
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

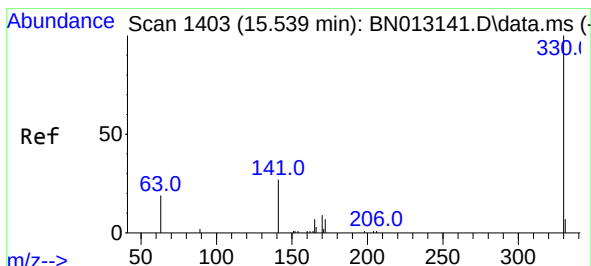
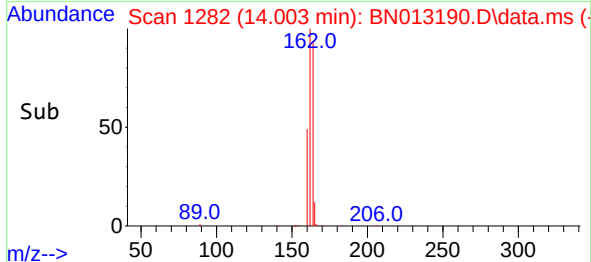
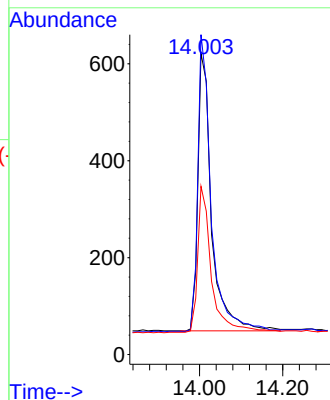
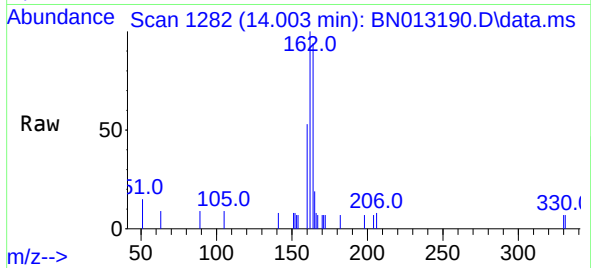




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

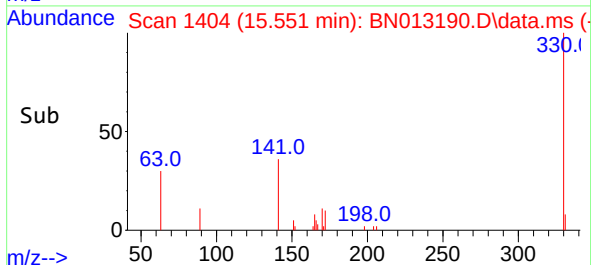
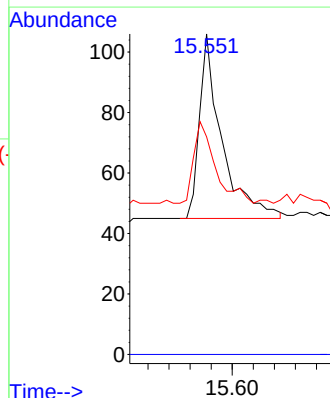
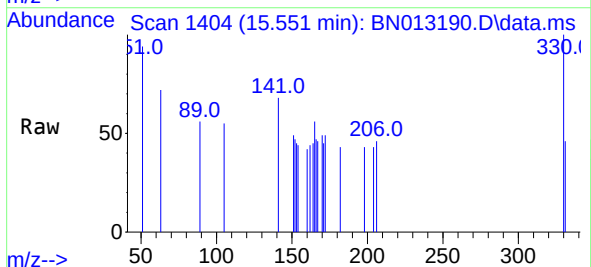
Instrument :
BNA_N
ClientSampleId :
RE122D3-20201209

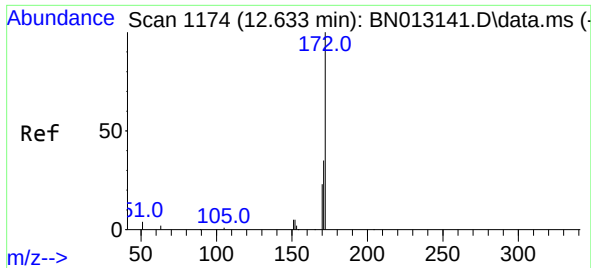
Tgt Ion:164 Resp: 1319
Ion Ratio Lower Upper
164 100
162 106.3 80.6 120.8
160 55.9 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:330 Resp: 180
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 34.4 51.6

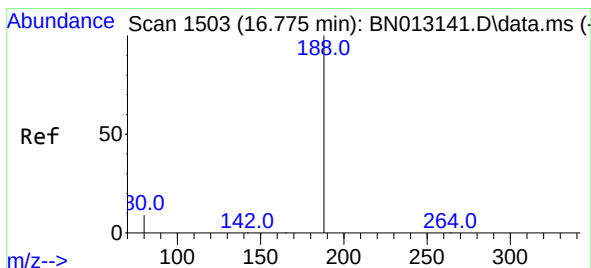
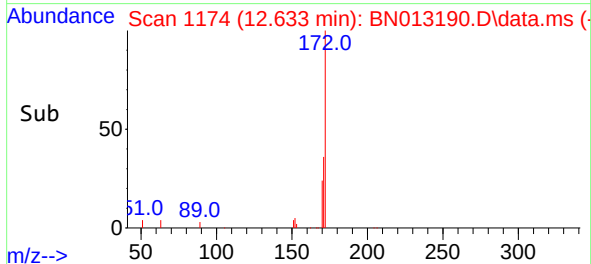
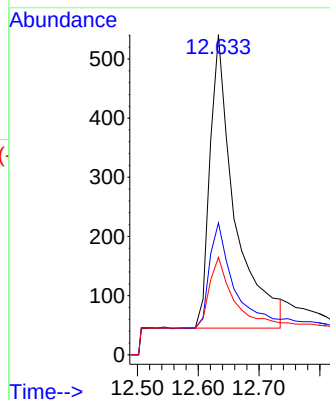
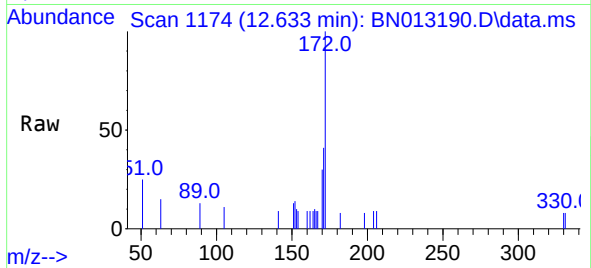




#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

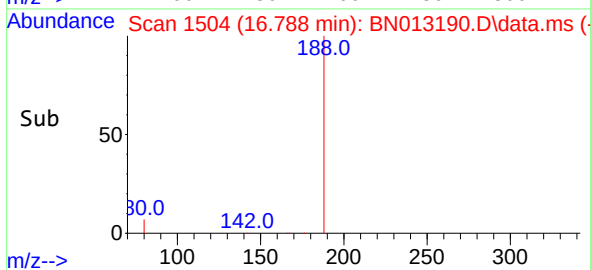
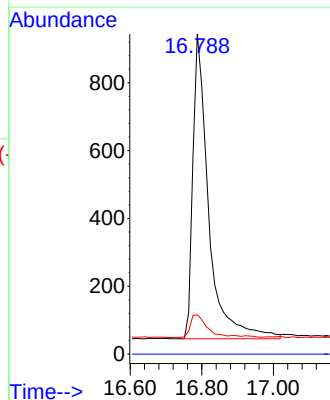
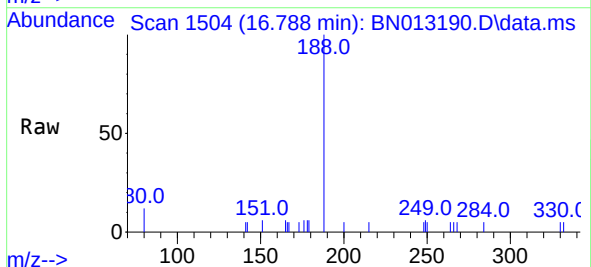
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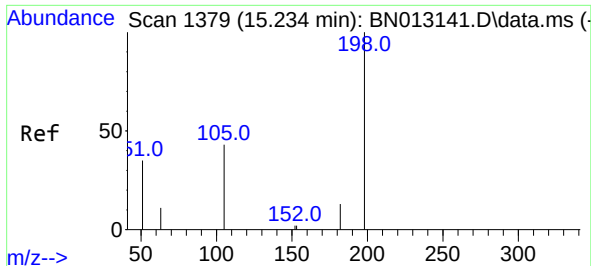
Tgt Ion:	172	Resp:	1401
Ion	Ratio	Lower	Upper
172	100		
171	41.2	28.2	42.4
170	30.5	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:	188	Resp:	2761
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	5.0	7.4#

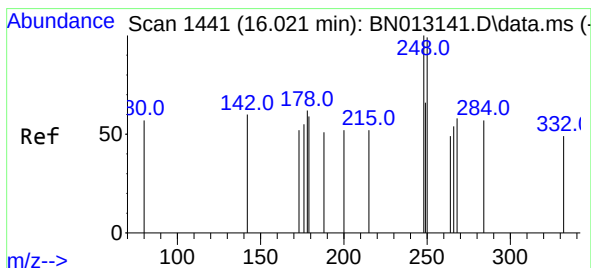
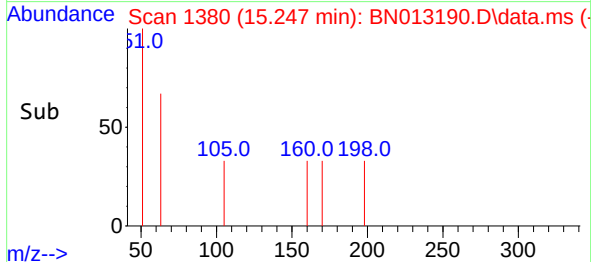
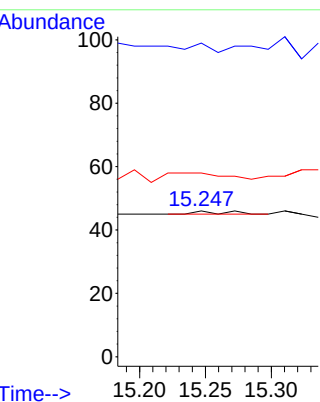
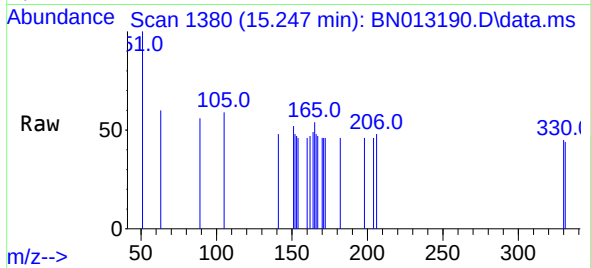




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

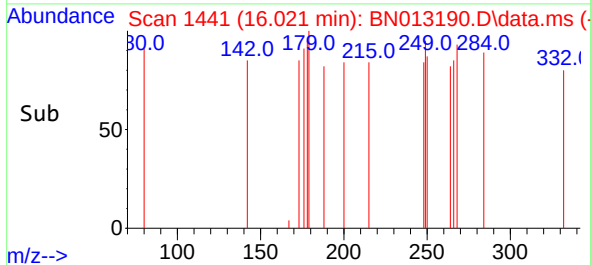
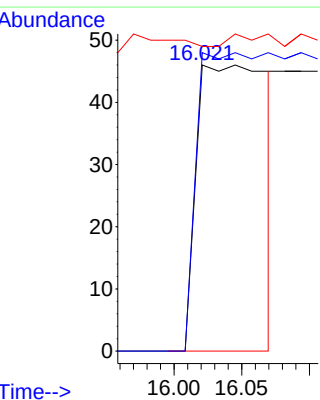
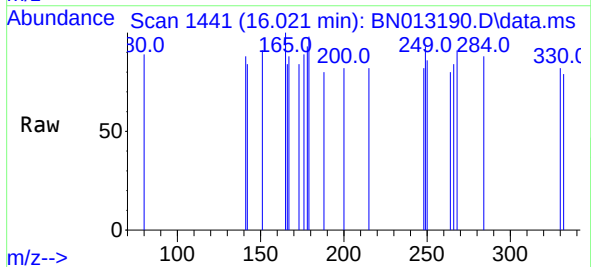
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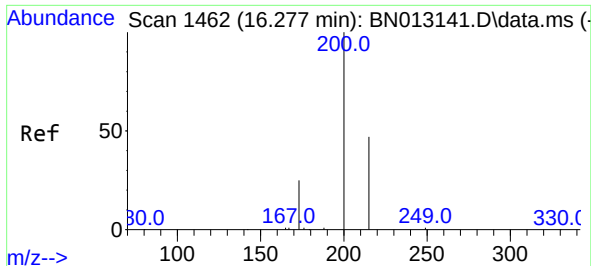
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 215.2 43.5 65.3#
105 126.1 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.31 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:248 Resp: 168
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 106.5 57.8 86.8#



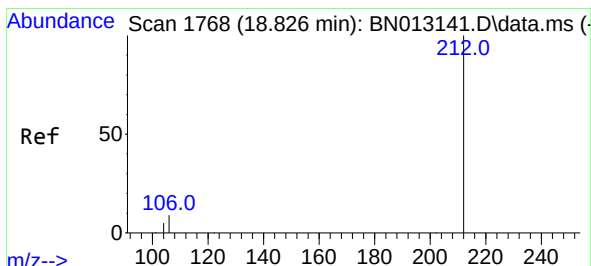
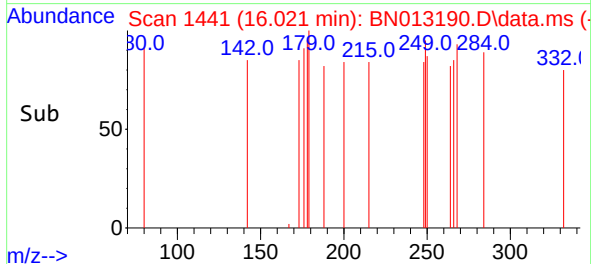
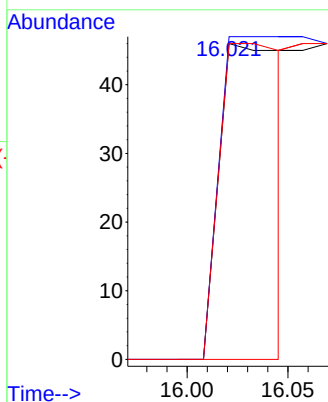
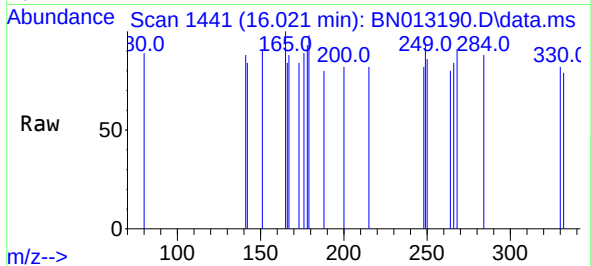


#23
Atrazine
Concen: 0.06 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Instrument :
BNA_N
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RE122D3-20201209

Tgt Ion:200 Resp: 101

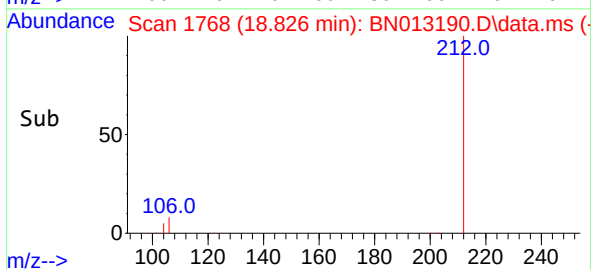
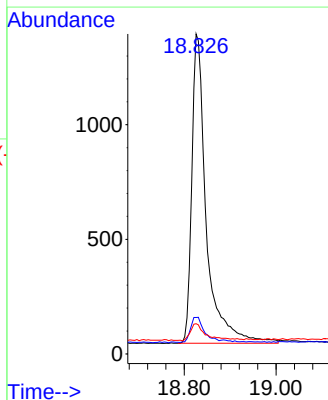
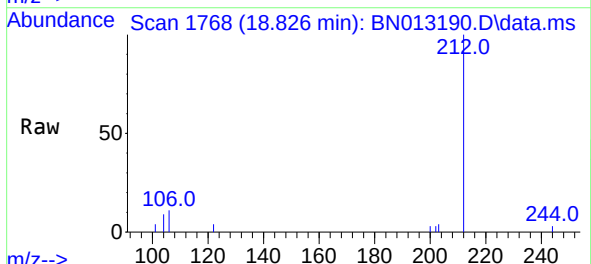
Ion	Ratio	Lower	Upper
200	100		
173	102.2	22.8	34.2#
215	100.0	38.1	57.1#

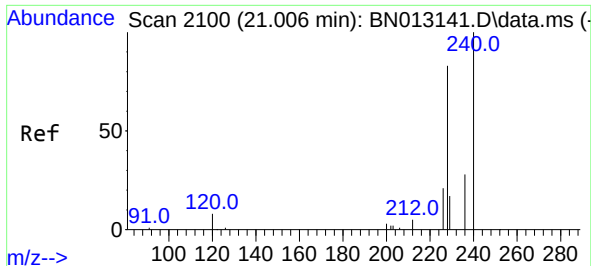


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:212 Resp: 2963

Ion	Ratio	Lower	Upper
212	100		
106	7.8	6.8	10.2
104	5.5	4.1	6.1

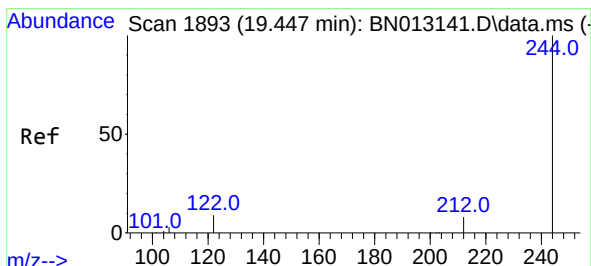
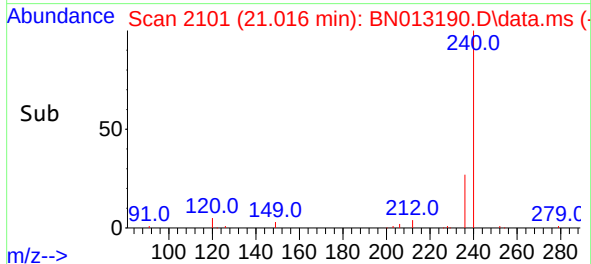
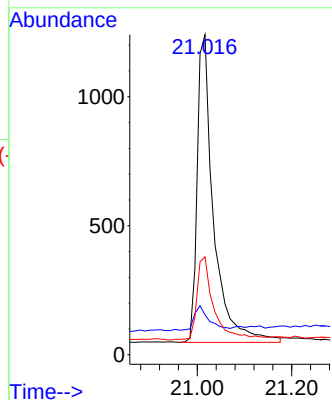
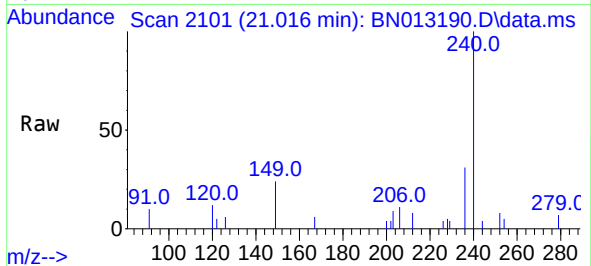




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

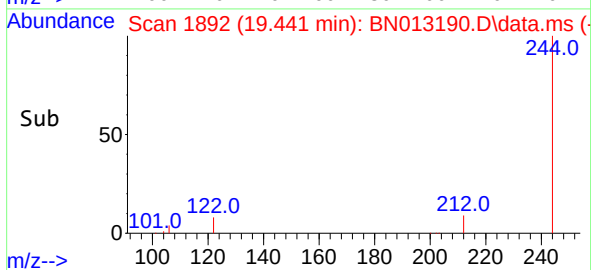
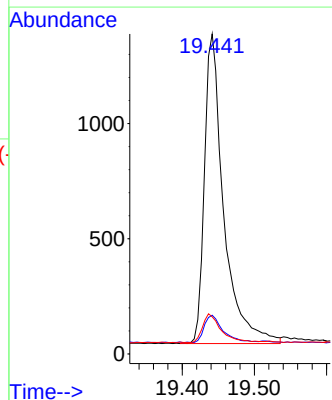
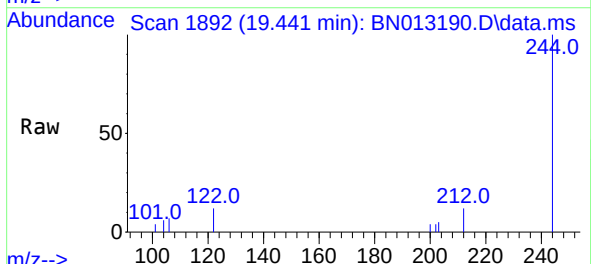
Instrument :
BNA_N
ClientSampleId :
RE122D3-20201209

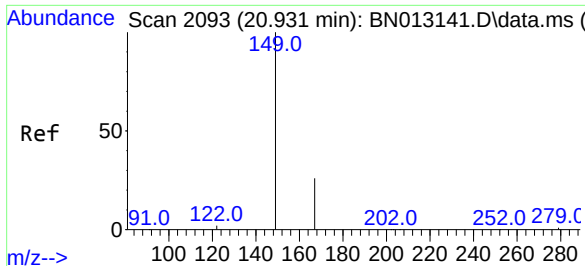
Tgt Ion:240 Resp: 2880
Ion Ratio Lower Upper
240 100
120 12.5 5.3 7.9#
236 30.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:244 Resp: 2496
Ion Ratio Lower Upper
244 100
212 12.1 7.3 10.9#
122 11.6 7.3 10.9#

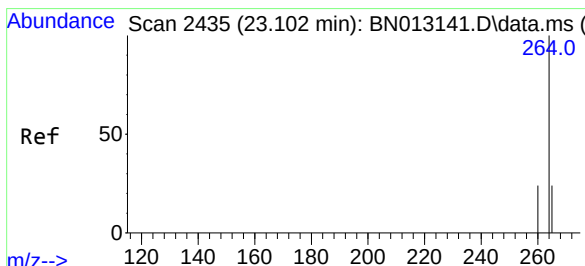
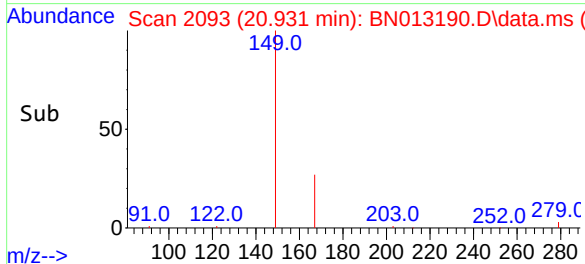
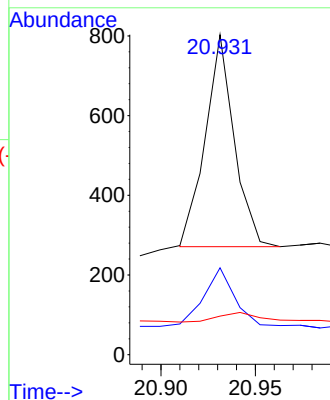
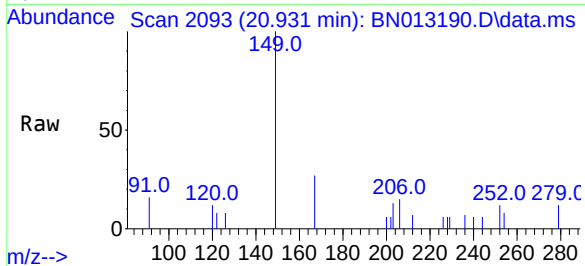




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Instrument :
BNA_N
ClientSampleId :
RE122D3-20201209

Tgt Ion:149 Resp: 568
Ion Ratio Lower Upper
149 100
167 27.8 23.2 34.8
279 6.9 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN013190.D
Acq: 17 Dec 2020 17:37

Tgt Ion:264 Resp: 3163
Ion Ratio Lower Upper
264 100
260 27.6 19.8 29.6
265 92.6 51.4 77.0#

