

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013204.D
 Acq On : 18 Dec 2020 04:30
 Operator : CG/JU
 Sample : L4996-18DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 05:26:55 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)

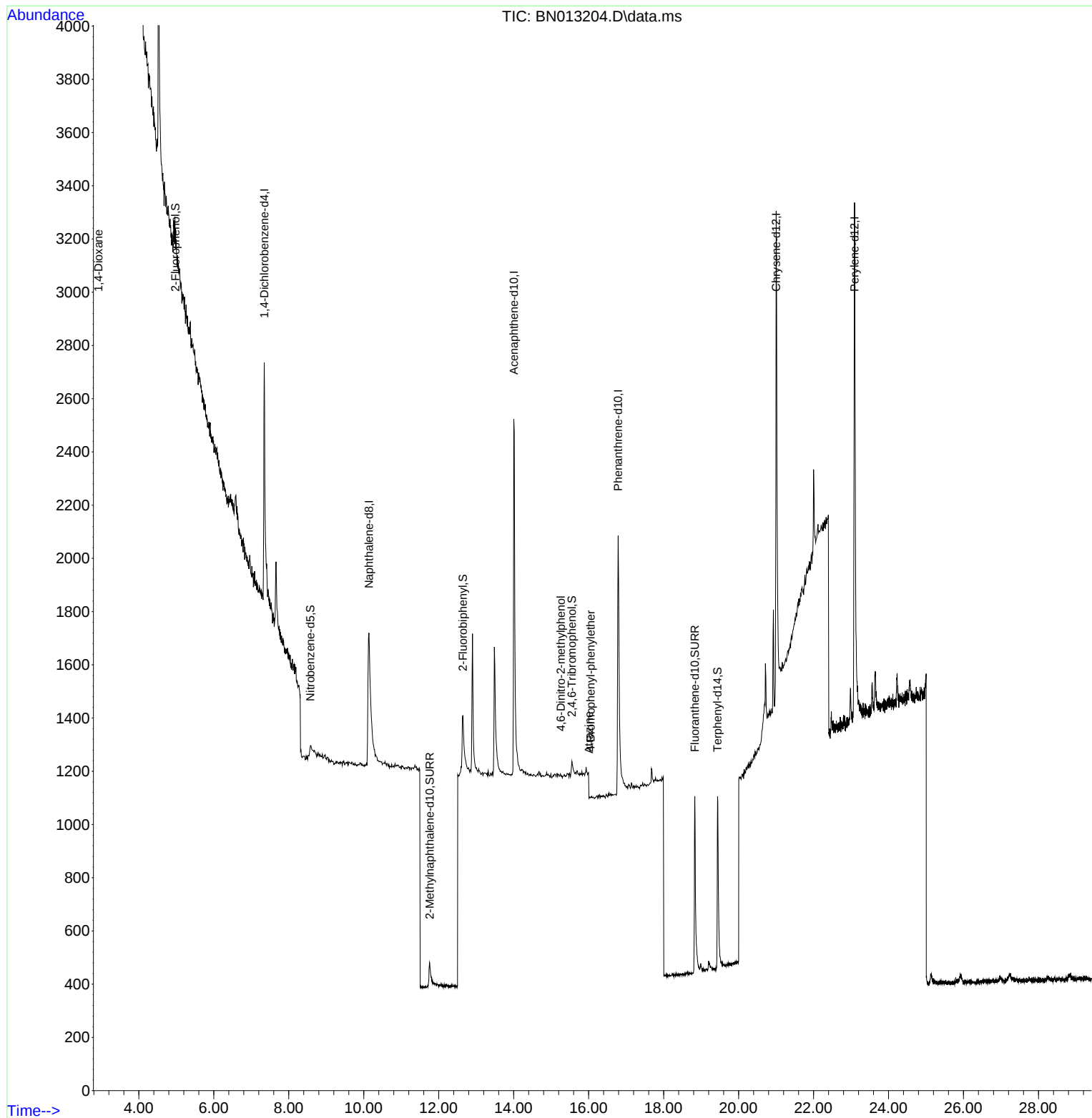
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	719	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1900	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1274	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2803	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2947	0.40	ng	# 0.00
36) Perylene-d12	23.093	264	3296	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	96	0.03	ng	0.00
5) Phenol-d6	6.557	99	49	0.02	ng	0.00
8) Nitrobenzene-d5	8.578	82	156	0.08	ng	0.06
11) 2-Methylnaphthalene-d10	11.759	152	292	0.09	ng	0.03
14) 2,4,6-Tribromophenol	15.551	330	74	0.09	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	457	0.09	ng	0.01
27) Fluoranthene-d10	18.833	212	1350	0.15	ng	0.00
31) Terphenyl-d14	19.439	244	1155	0.15	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	3361	2.68	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.057	248	200	0.37	ng	# 80
23) Atrazine	16.008	200	101	0.06	ng	# 3
34) Bis(2-ethylhexyl)phtha...	20.929	149	363	Below Cal		# 94

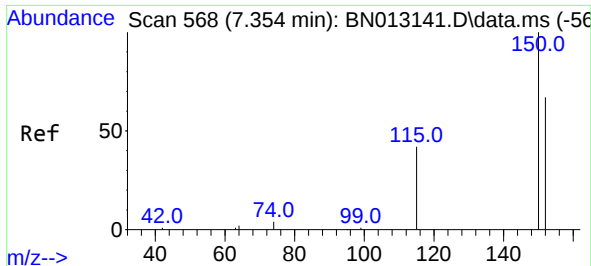
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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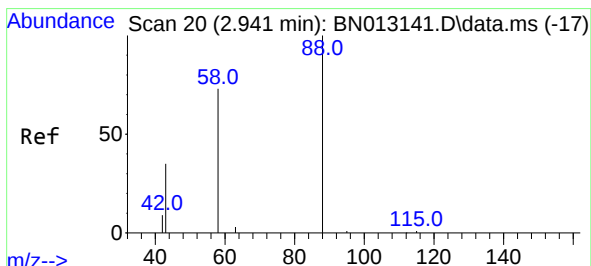
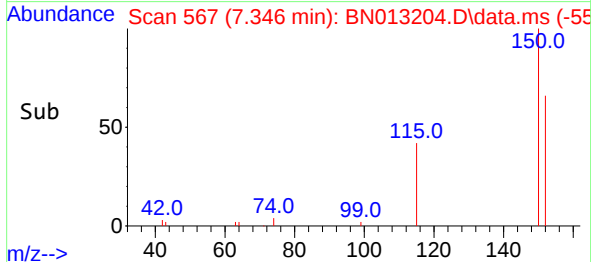
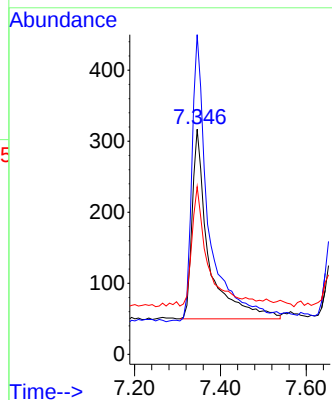
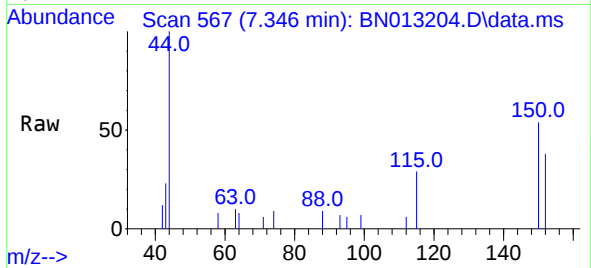




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

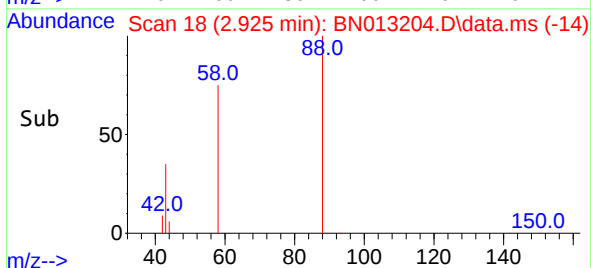
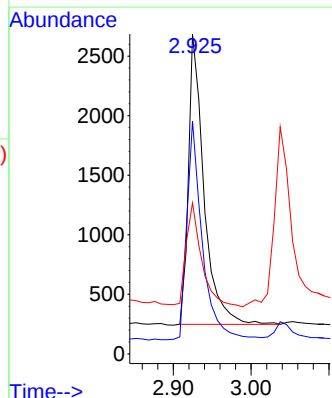
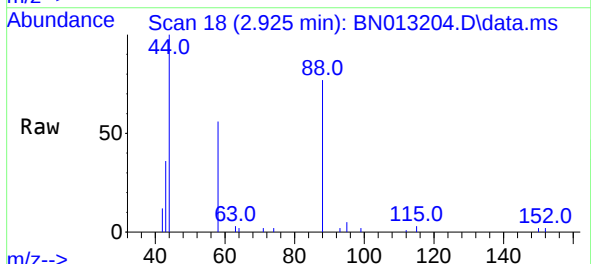
Instrument :
BNA_N
ClientSampleId :

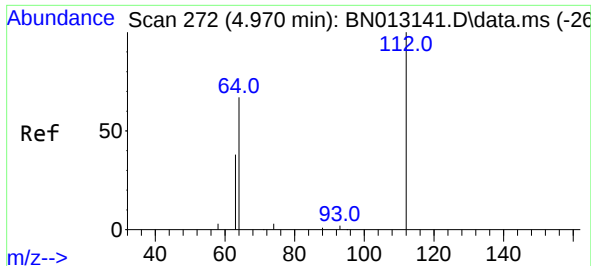
Tgt Ion:152 Resp: 719
Ion Ratio Lower Upper
152 100
150 142.0 116.6 174.8
115 74.4 52.9 79.3



#2
1,4-Dioxane
Concen: 2.68 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion: 88 Resp: 3361
Ion Ratio Lower Upper
88 100
58 71.7 59.4 89.2
43 35.3 32.3 48.5

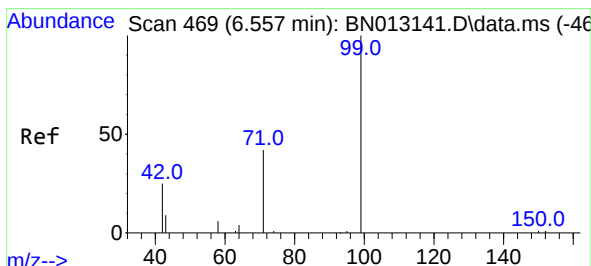
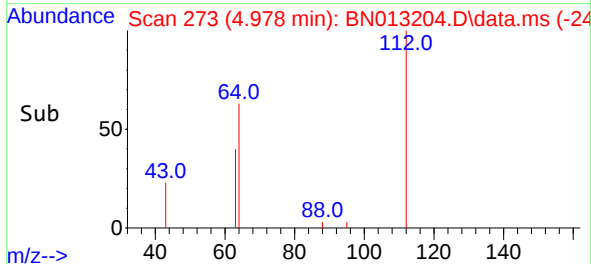
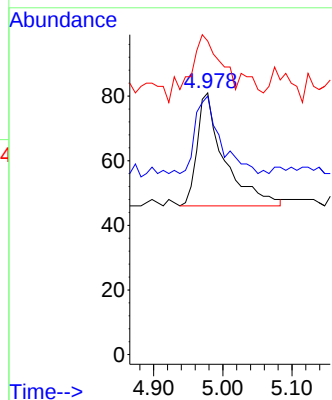
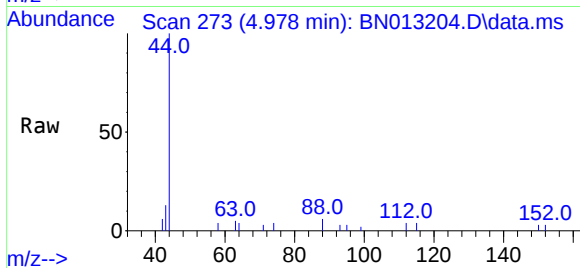




#4
2-Fluorophenol
Concen: 0.03 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

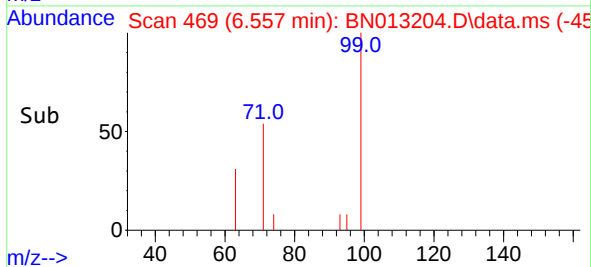
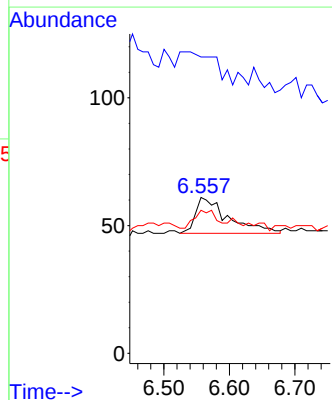
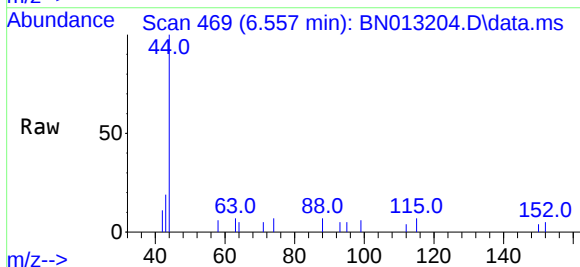
Instrument :
BNA_N
ClientSampleId :

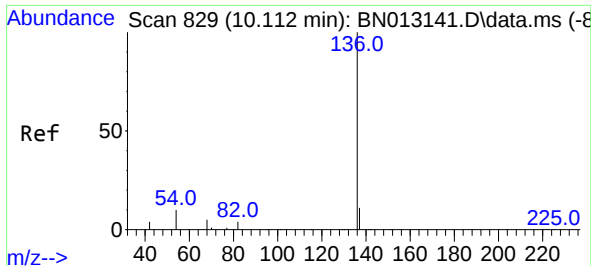
Tgt Ion:112 Resp: 96
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 69.8 32.0 48.0#



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion: 99 Resp: 49
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 30.6 37.8 56.6#



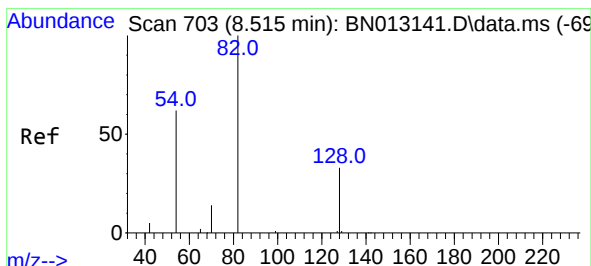
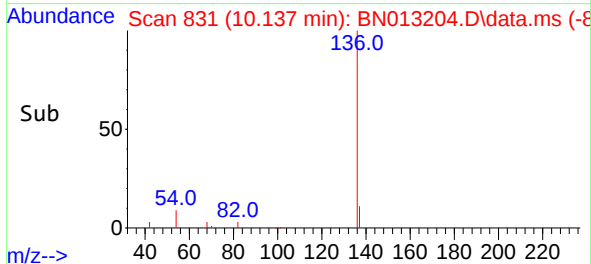
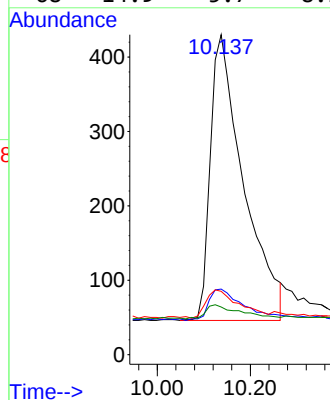
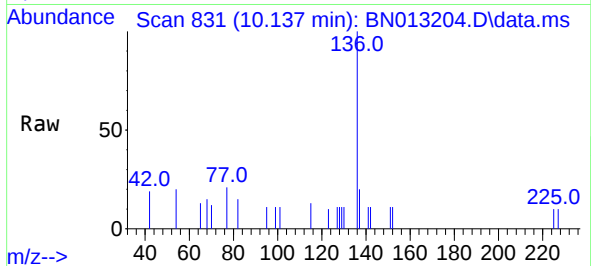


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Instrument :
BNA_N
ClientSampled :

Tgt Ion:136 Resp: 1900

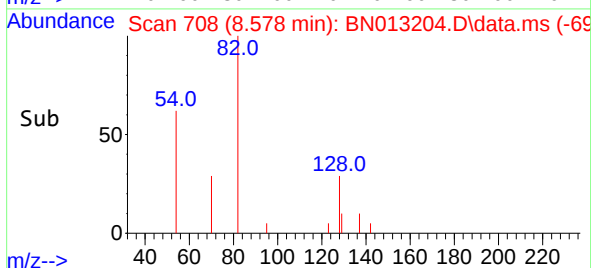
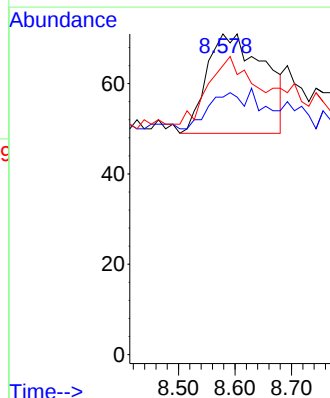
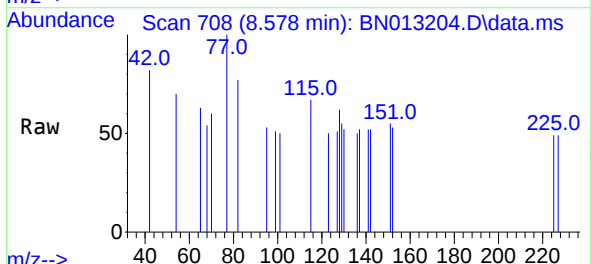
Ion	Ratio	Lower	Upper
136	100		
137	20.5	10.6	15.8#
54	19.8	8.6	12.8#
68	14.9	5.7	8.5#

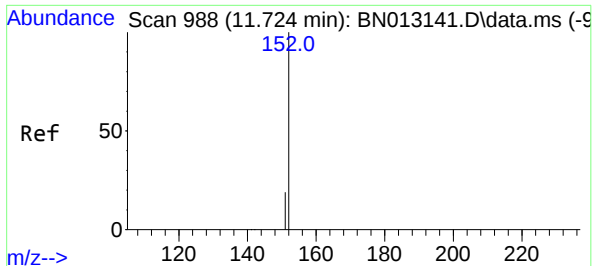


#8
Nitrobenzene-d5
Concen: 0.08 ng
RT: 8.578 min Scan# 708
Delta R.T. 0.063 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion: 82 Resp: 156

Ion	Ratio	Lower	Upper
82	100		
128	80.3	30.6	46.0#
54	90.1	48.3	72.5#

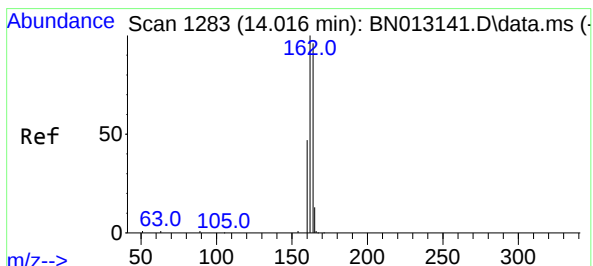
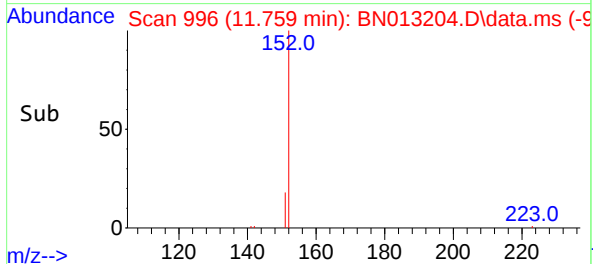
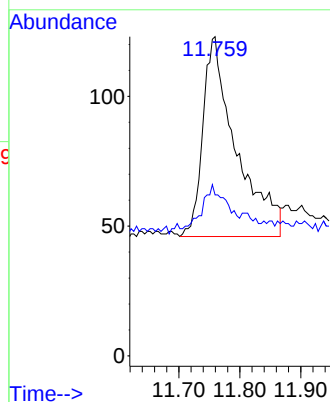
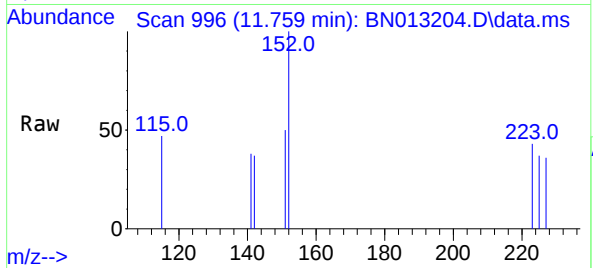




#11
2-Methylnaphthalene-d10
Concen: 0.09 ng
RT: 11.759 min Scan# 996
Delta R.T. 0.031 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

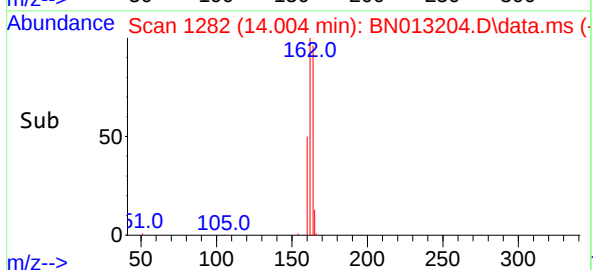
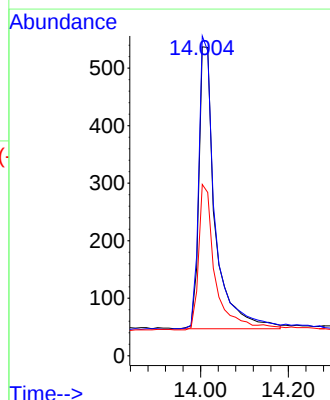
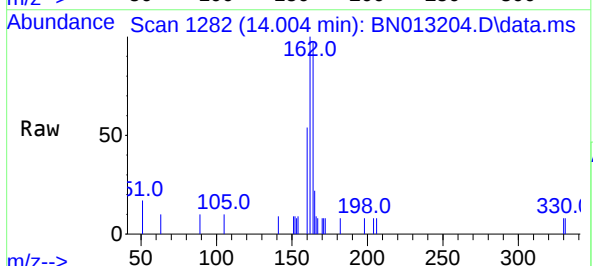
Instrument :
BNA_N
ClientSampled :

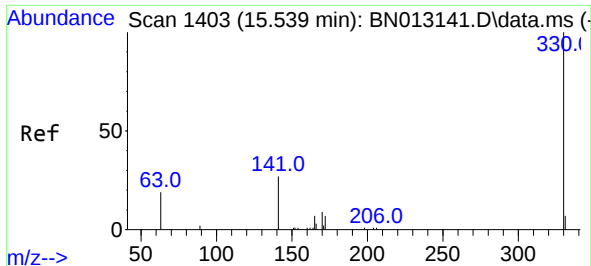
Tgt Ion:152 Resp: 292
Ion Ratio Lower Upper
152 100
151 16.4 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion:164 Resp: 1274
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 55.5 39.5 59.3

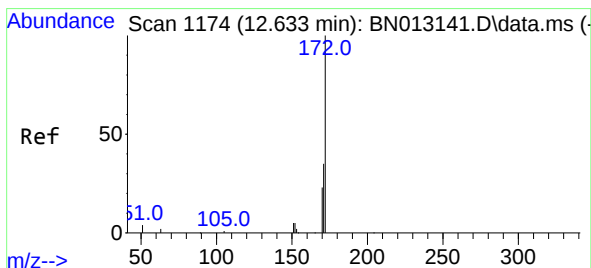
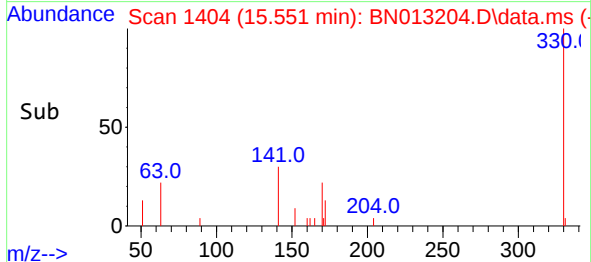
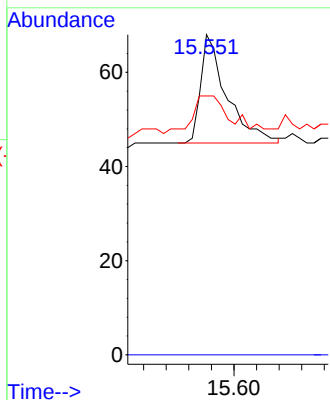
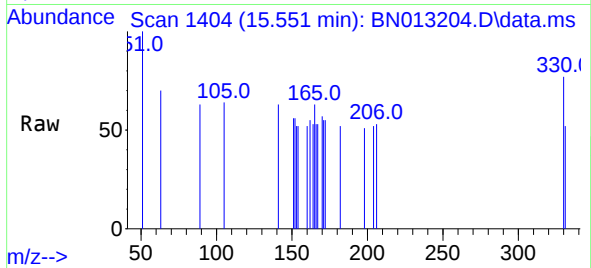




#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

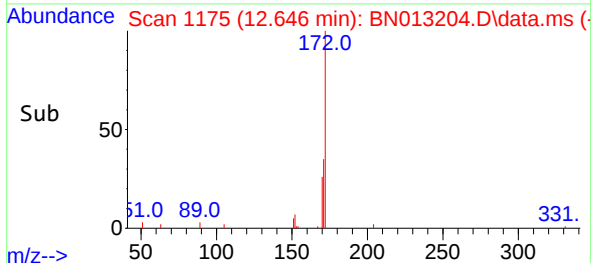
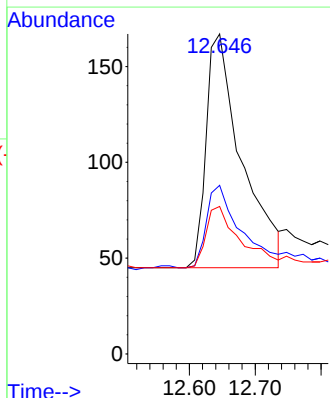
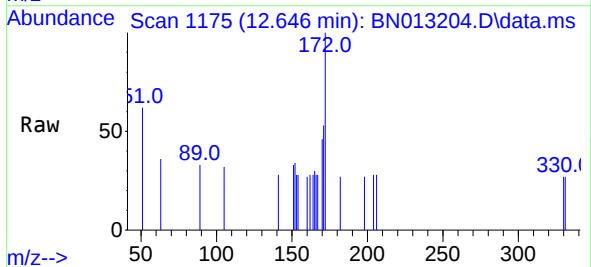
Instrument :
BNA_N
ClientSampled :

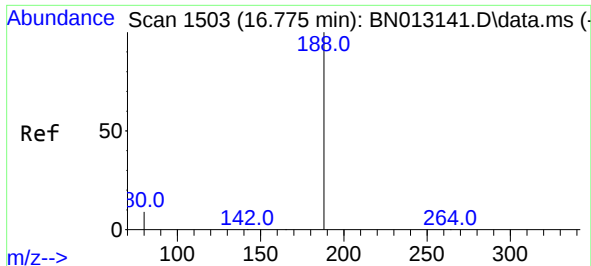
Tgt Ion:330 Resp: 74
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.0 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.013 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion:172 Resp: 457
Ion Ratio Lower Upper
172 100
171 52.7 28.2 42.4#
170 46.1 20.0 30.0#

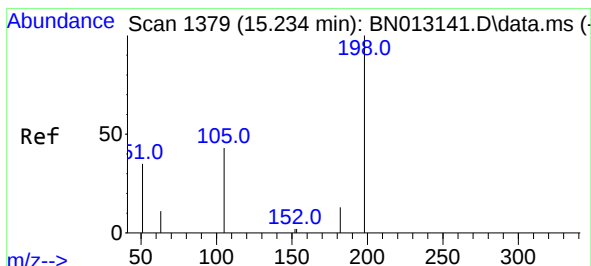
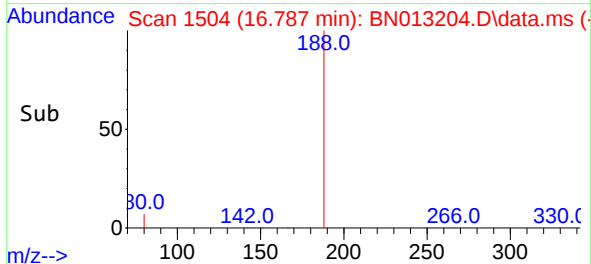
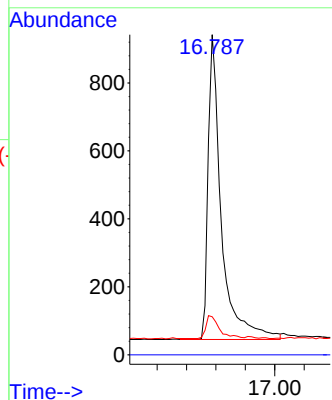
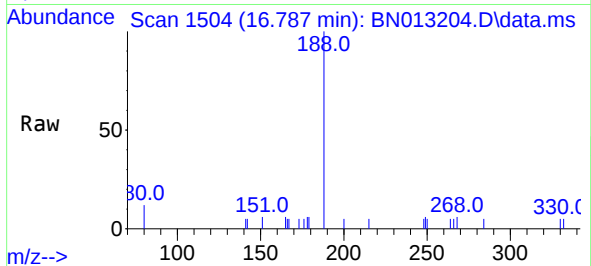




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

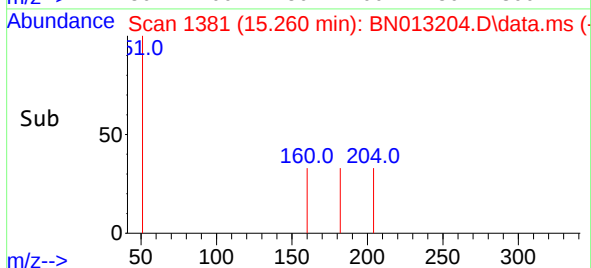
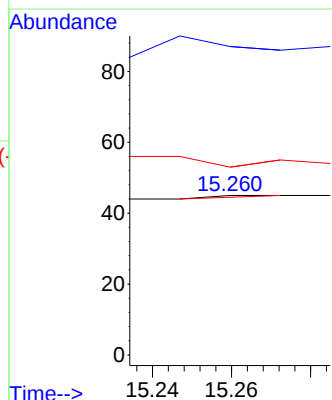
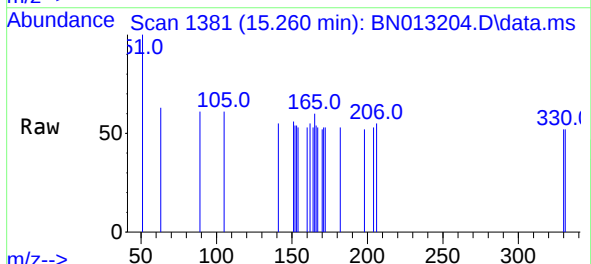
Instrument :
BNA_N
ClientSampleId :

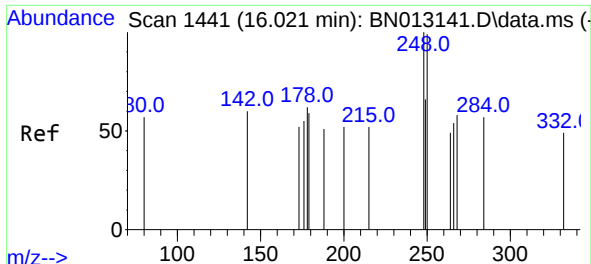
Tgt Ion:188 Resp: 2803
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.013 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 193.3 43.5 65.3#
105 117.8 27.2 40.8#

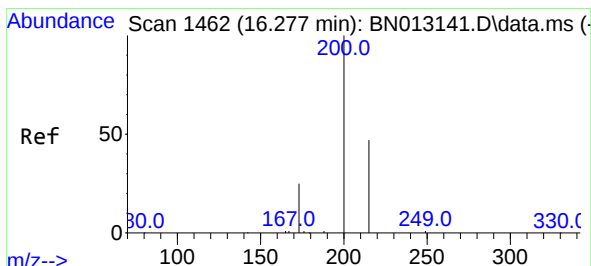
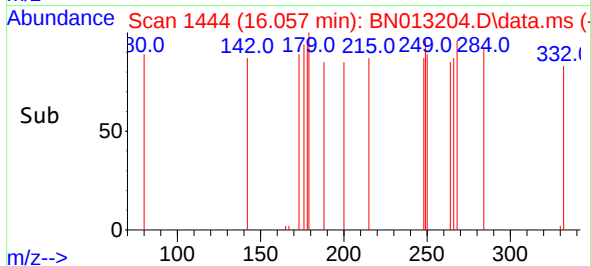
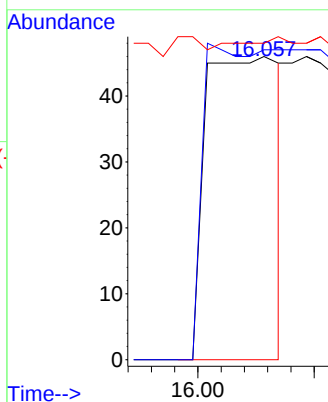
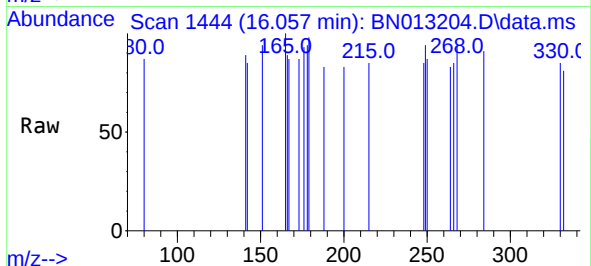




#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.057 min Scan# 1444
Delta R.T. 0.036 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

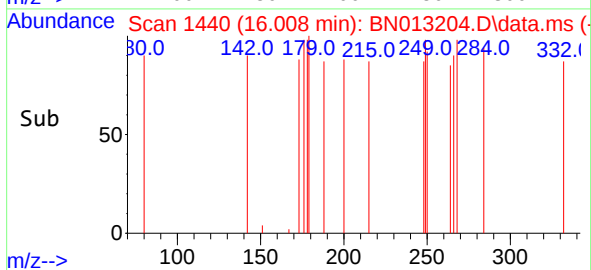
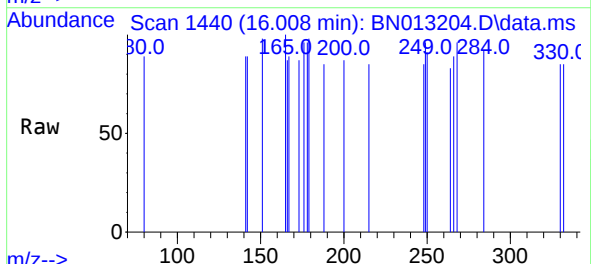
Instrument :
BNA_N
ClientSampled :

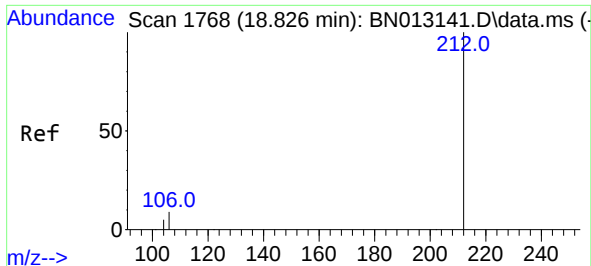
Tgt Ion:248 Resp: 200
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 104.3 57.8 86.8#



#23
Atrazine
Concen: 0.06 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion:200 Resp: 101
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 97.8 38.1 57.1#

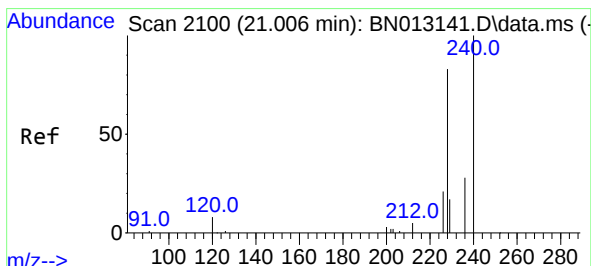
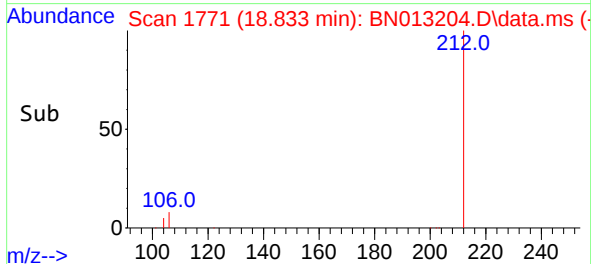
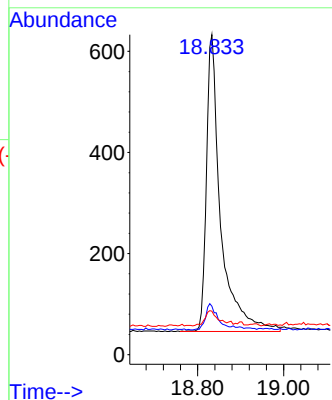
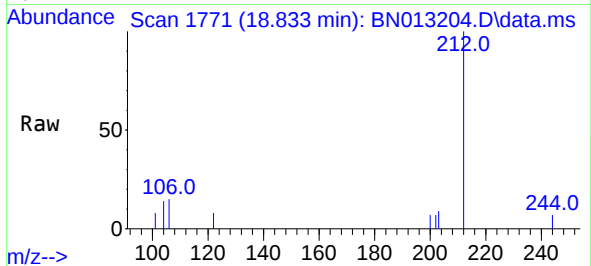




#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 18.833 min Scan# 1771
Delta R.T. 0.007 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

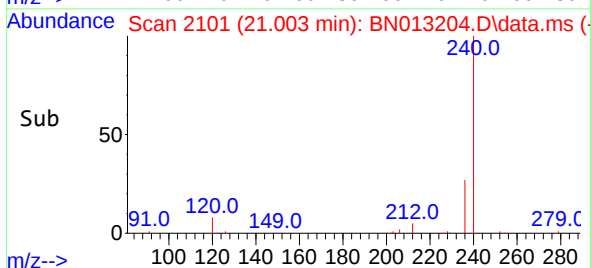
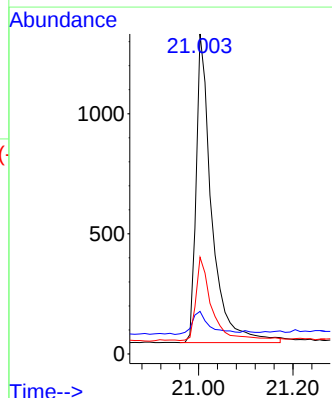
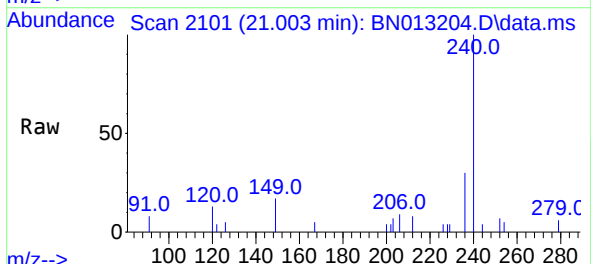
Instrument :
BNA_N
ClientSampled :

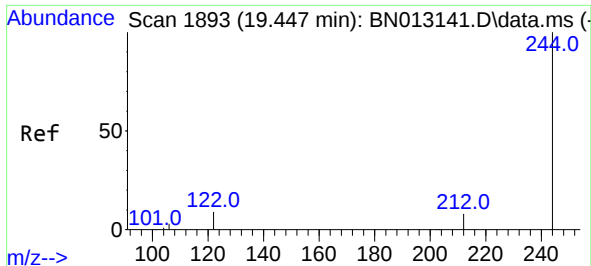
Tgt Ion:212 Resp: 1350
Ion Ratio Lower Upper
212 100
106 7.4 6.8 10.2
104 4.6 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Tgt Ion:240 Resp: 2947
Ion Ratio Lower Upper
240 100
120 13.3 5.3 7.9#
236 30.2 21.8 32.8

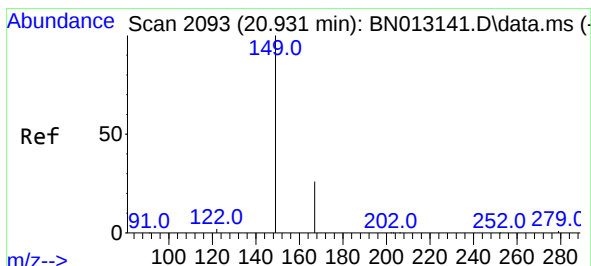
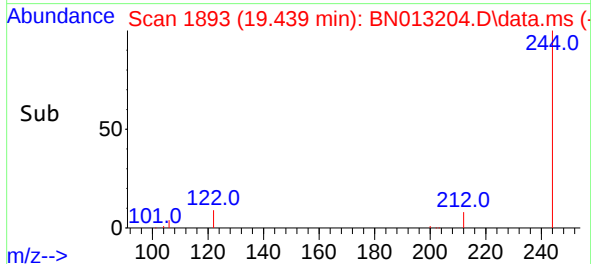
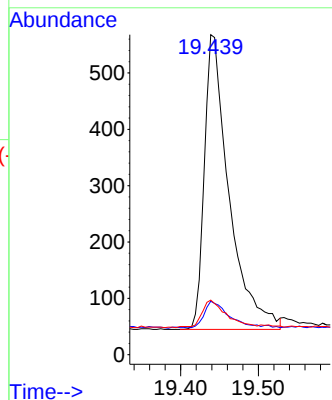
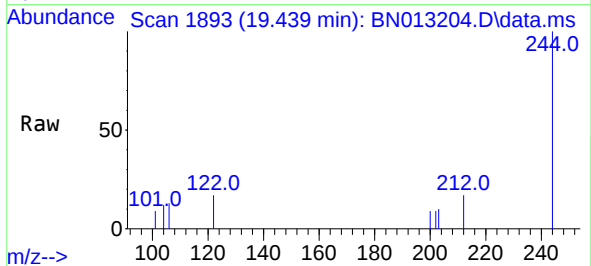




#31
 Terphenyl-d14
 Concen: 0.15 ng
 RT: 19.439 min Scan# 1893
 Delta R.T. -0.013 min
 Lab File: BN013204.D
 Acq: 18 Dec 2020 04:30

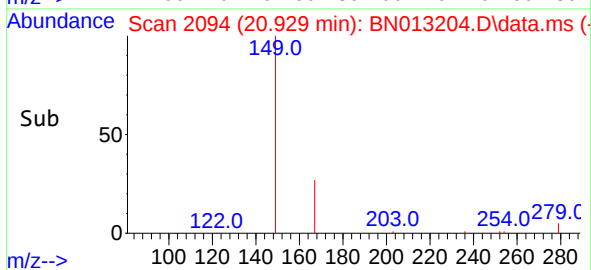
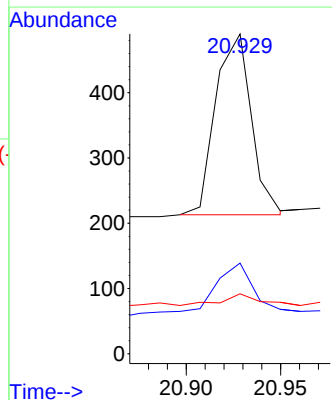
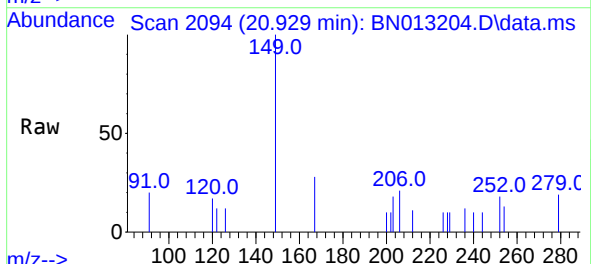
Instrument :
 BNA_N
 ClientSampleId :

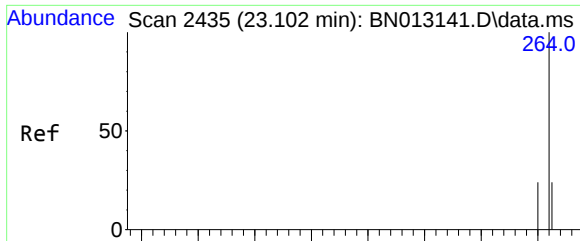
Tgt Ion:244 Resp: 1155
 Ion Ratio Lower Upper
 244 100
 212 16.7 7.3 10.9#
 122 17.1 7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.929 min Scan# 2094
 Delta R.T. -0.003 min
 Lab File: BN013204.D
 Acq: 18 Dec 2020 04:30

Tgt Ion:149 Resp: 363
 Ion Ratio Lower Upper
 149 100
 167 25.9 23.2 34.8
 279 6.6 3.9 5.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.093 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BN013204.D
Acq: 18 Dec 2020 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264	Resp:	3296
Ion	Ratio	Lower Upper
264	100	
260	27.1	19.8 29.6
265	74.5	51.4 77.0

