

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013162.D
 Acq On : 16 Dec 2020 10:43
 Operator : CG/JU
 Sample : L4996-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20201208

Quant Time: Dec 16 12:37:34 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 15 16:49:20 2020
 Response via : Initial Calibration

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

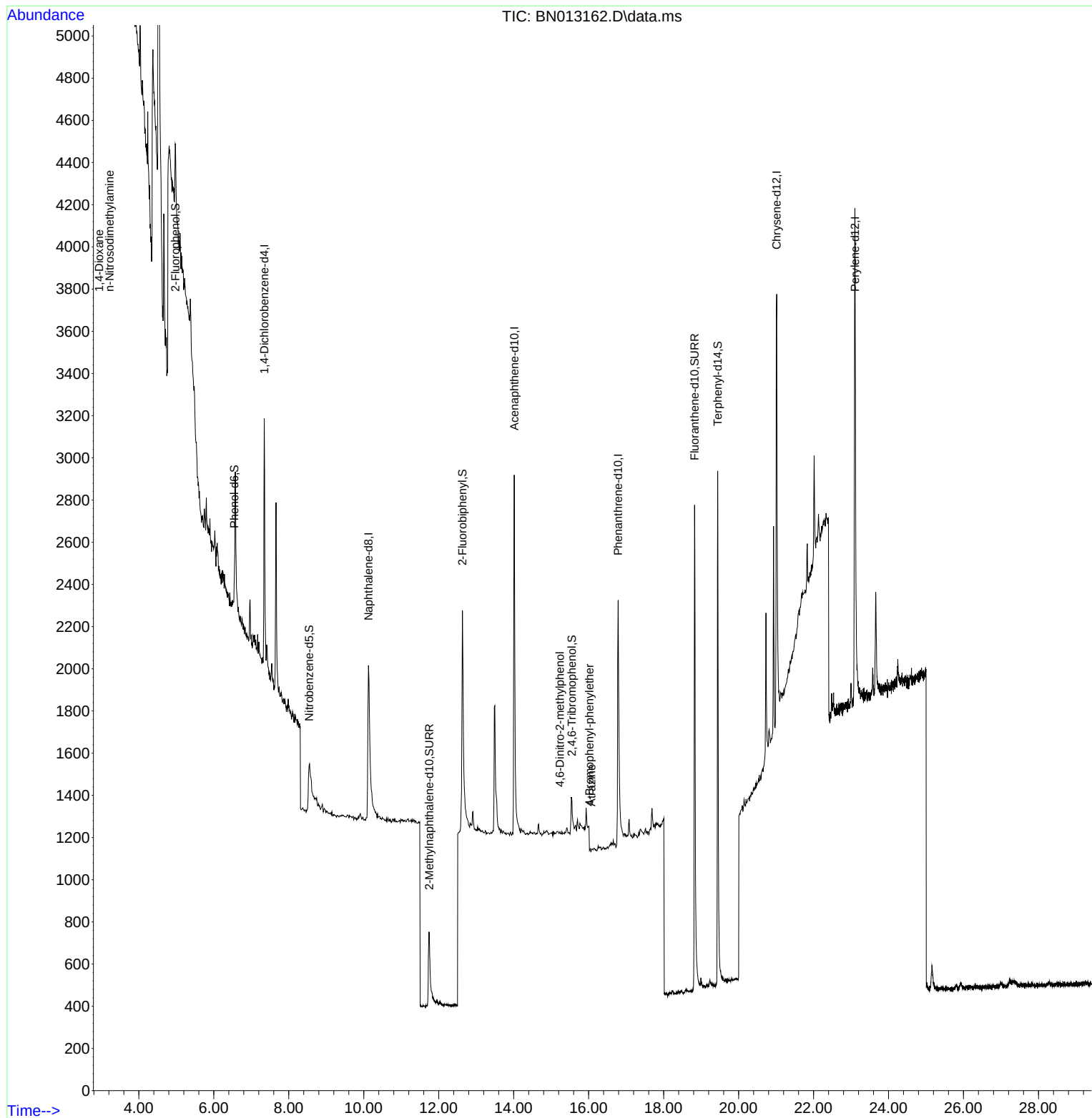
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	675	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2104	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1373	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	2943	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	3140	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3693	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	329	0.12	ng	0.00
5) Phenol-d6	6.549	99	157	0.06	ng	0.00
8) Nitrobenzene-d5	8.541	82	622	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	11.746	152	1082	0.29	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	222	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1625	0.28	ng	0.00
27) Fluoranthene-d10	18.826	212	3952	0.41	ng	0.00
31) Terphenyl-d14	19.442	244	3459	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.941	88	223	0.19	ng	# 73
3) n-Nitrosodimethylamine	3.223	42	274	0.14	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.234	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	135	0.23	ng	# 73
23) Atrazine	16.070	200	272	0.15	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	836	Below	Cal	98

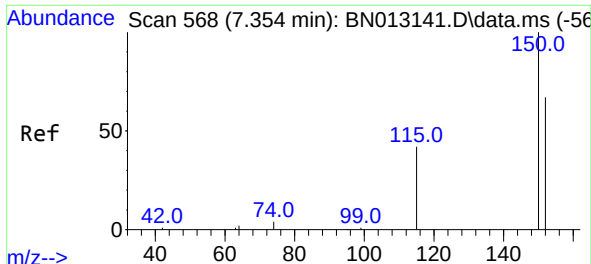
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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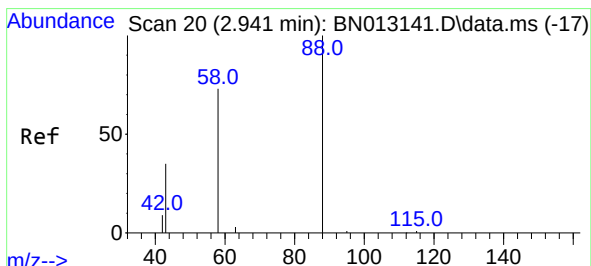
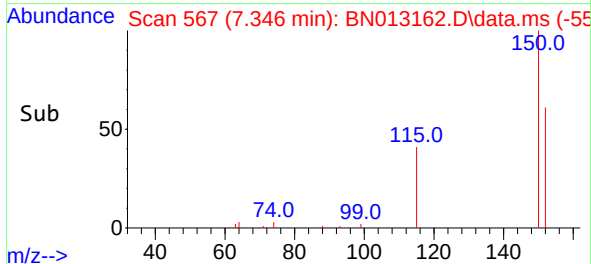
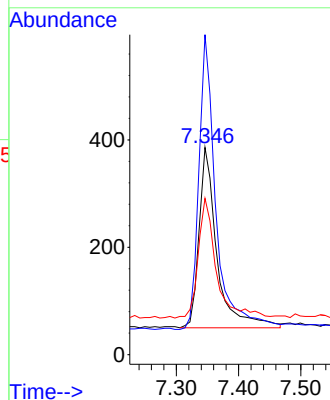
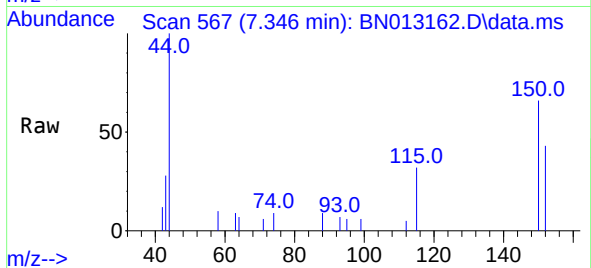




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

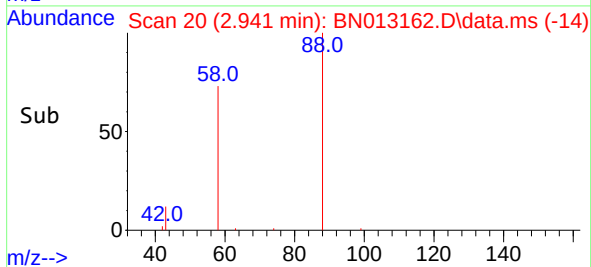
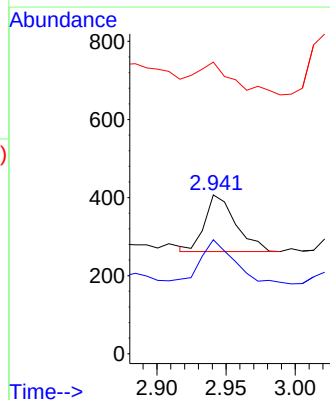
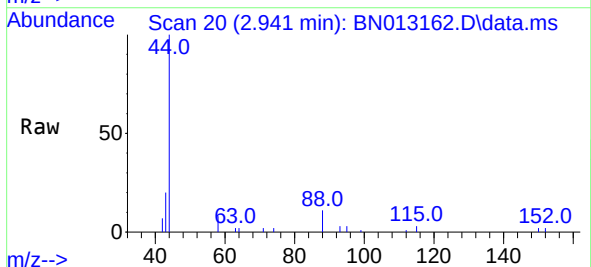
Instrument :
BNA_N
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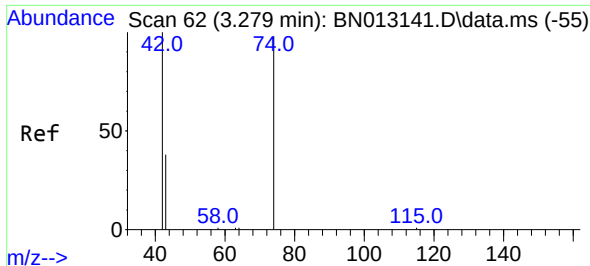
Tgt Ion:152 Resp: 675
Ion Ratio Lower Upper
152 100
150 154.4 116.6 174.8
115 75.4 52.9 79.3



#2
1,4-Dioxane
Concen: 0.19 ng
RT: 2.941 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
58 86.5 59.4 89.2
43 71.7 32.3 48.5#

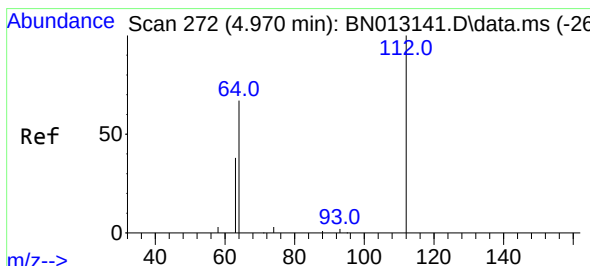
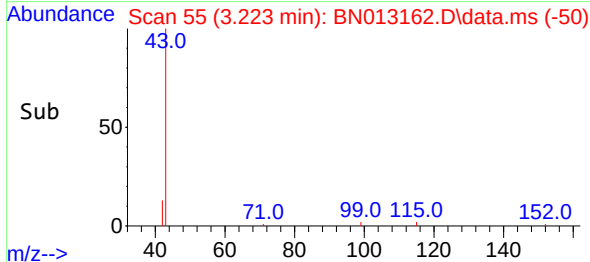
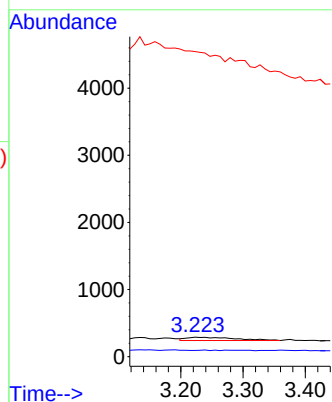
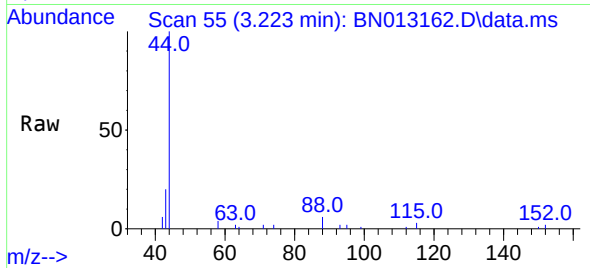




#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.056 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

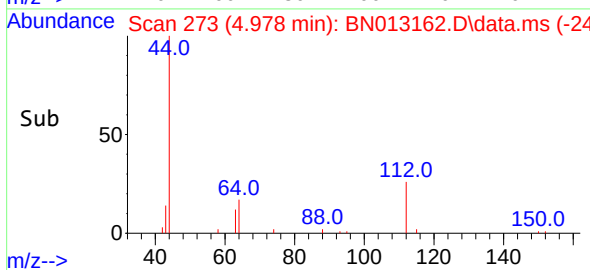
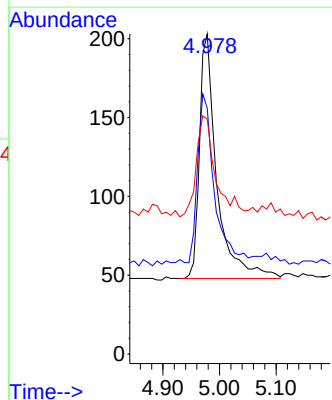
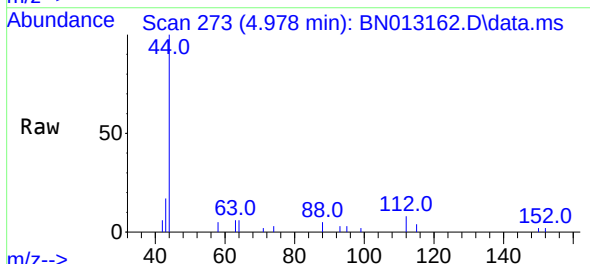
Instrument :
BNA_N
ClientSampleId :
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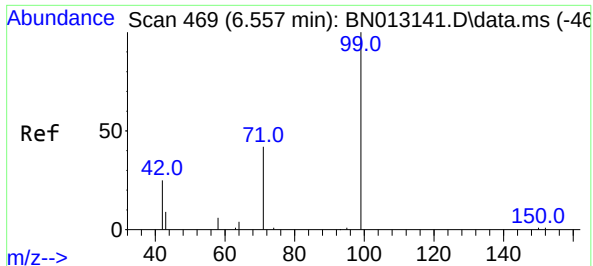
Tgt Ion: 42 Resp: 274
Ion Ratio Lower Upper
42 100
74 2.2 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 112 Resp: 329
Ion Ratio Lower Upper
112 100
64 73.9 49.5 74.3
63 46.8 32.0 48.0

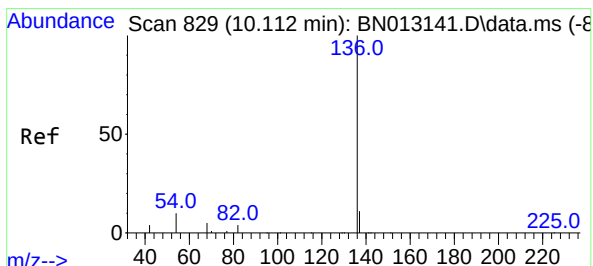
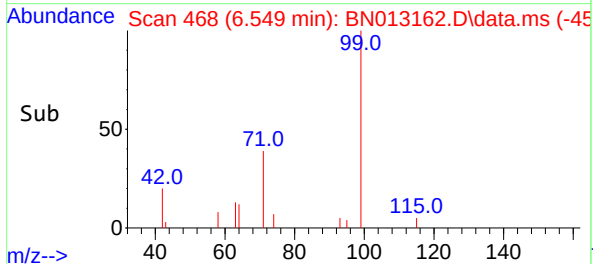
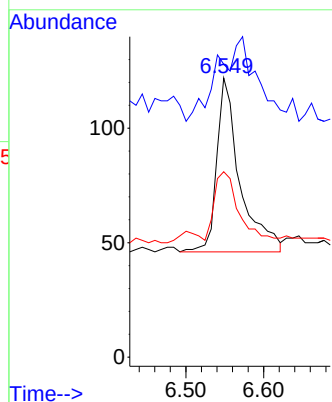
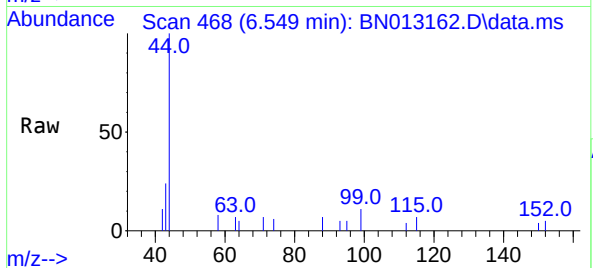




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

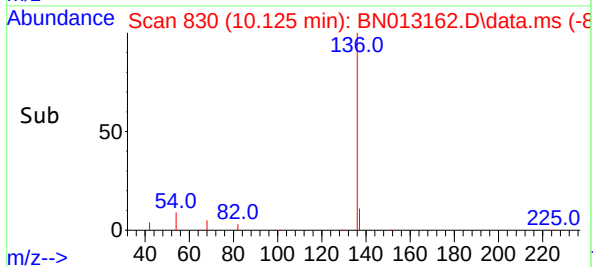
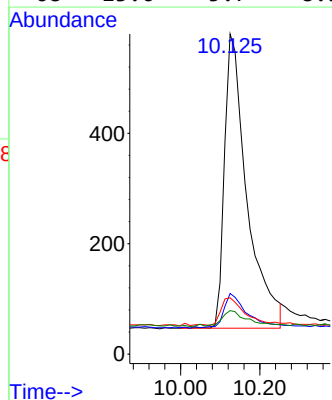
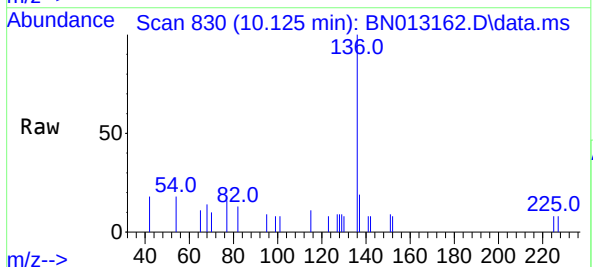
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

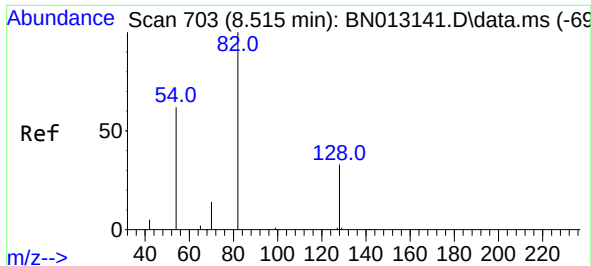
Tgt Ion: 99 Resp: 157
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 40.8 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 136 Resp: 2104
Ion Ratio Lower Upper
136 100
137 19.0 10.6 15.8#
54 17.6 8.6 12.8#
68 13.6 5.7 8.5#

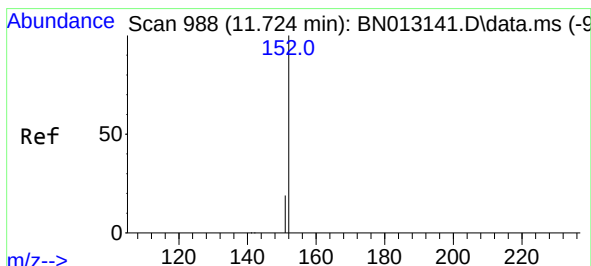
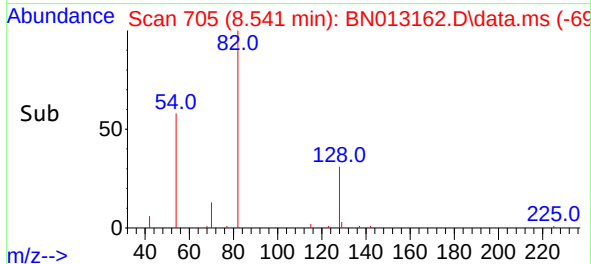
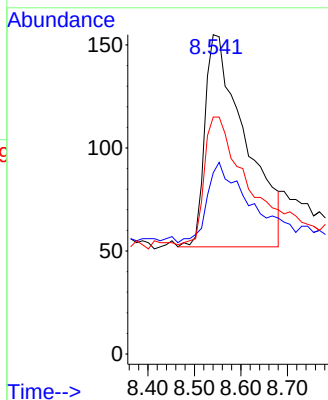
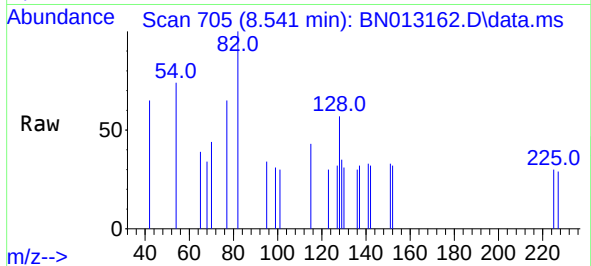




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

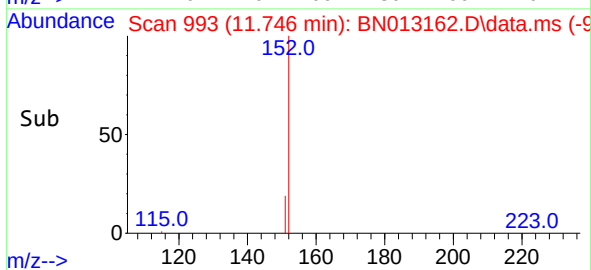
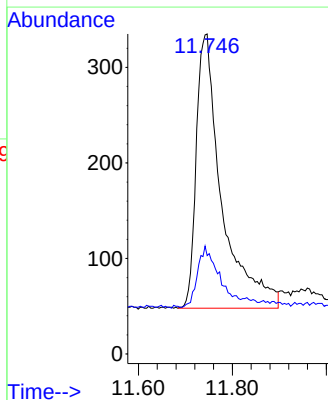
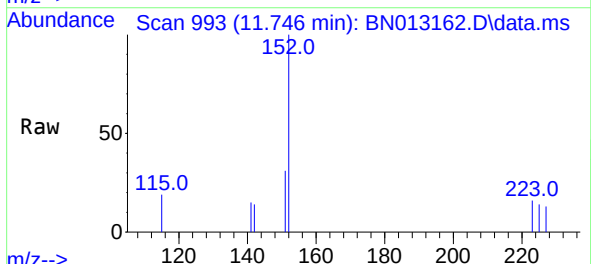
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

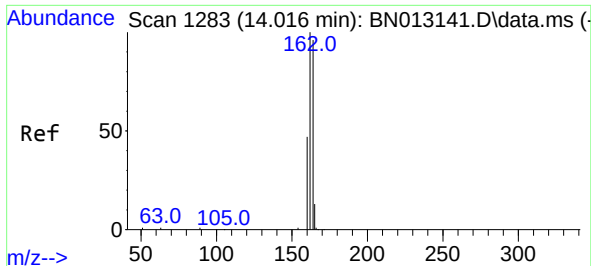
Tgt Ion: 82 Resp: 622
Ion Ratio Lower Upper
82 100
128 56.8 30.6 46.0#
54 74.2 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.022 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion: 152 Resp: 1082
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1



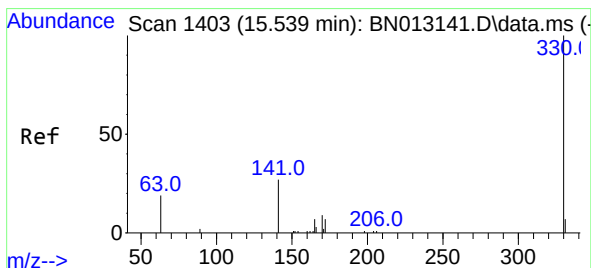
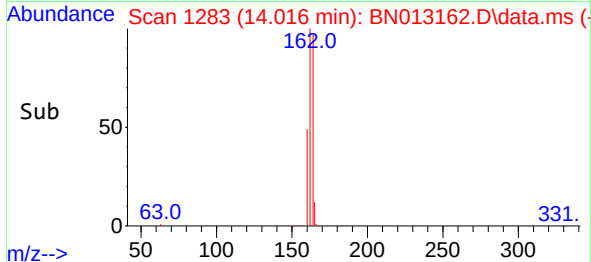
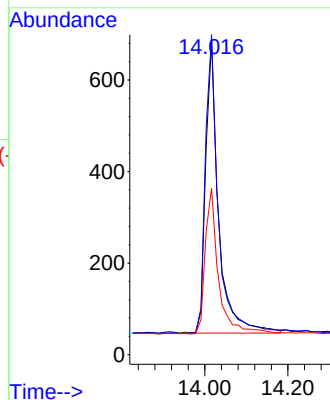
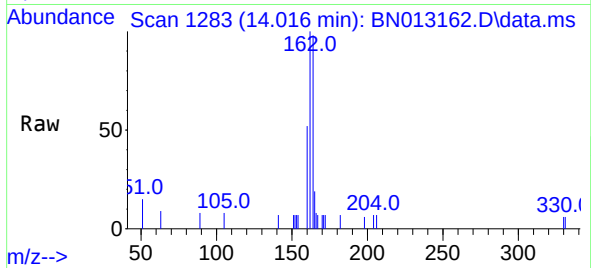


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

Tgt Ion:164 Resp: 1373

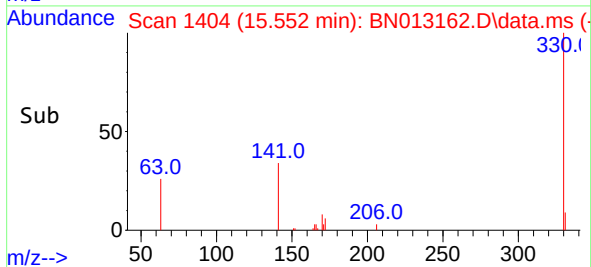
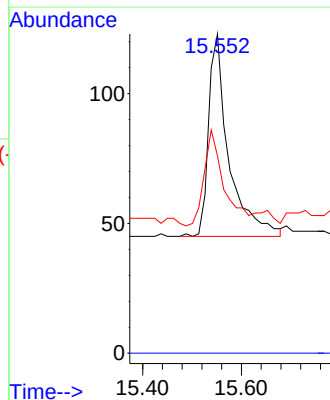
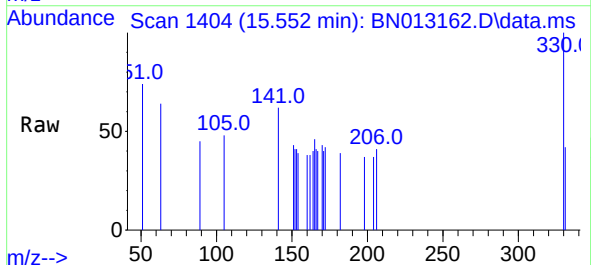
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	53.0	39.5	59.3

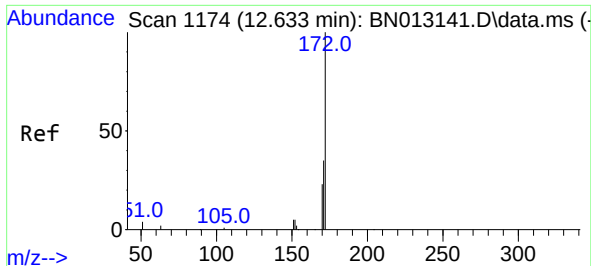


#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:330 Resp: 222

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.2	34.4	51.6

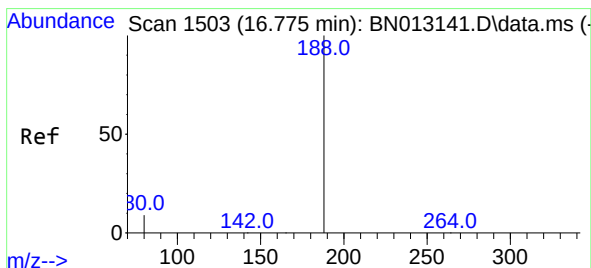
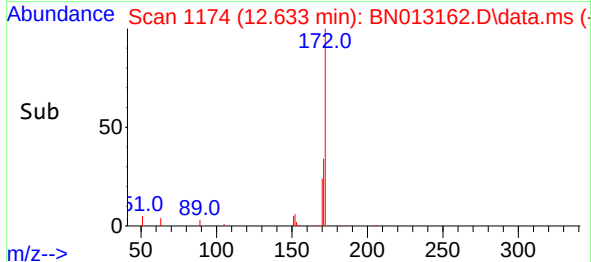
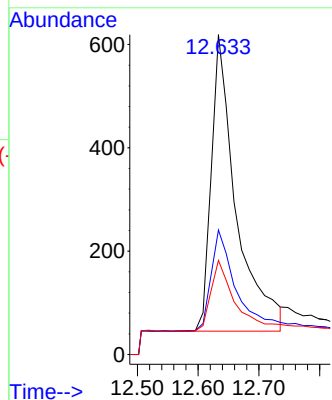
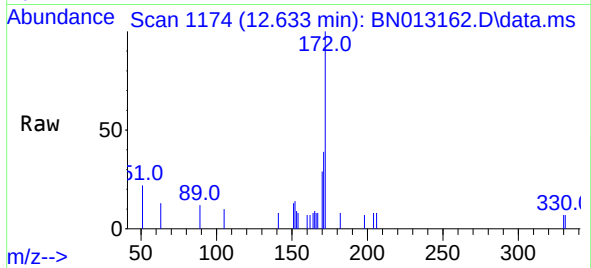




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

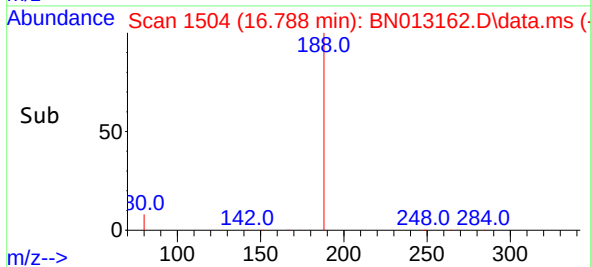
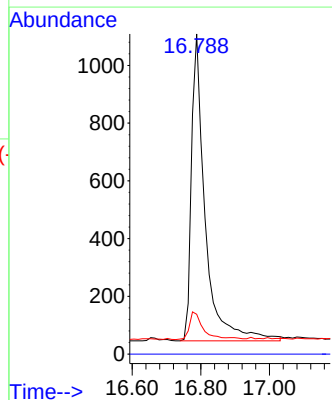
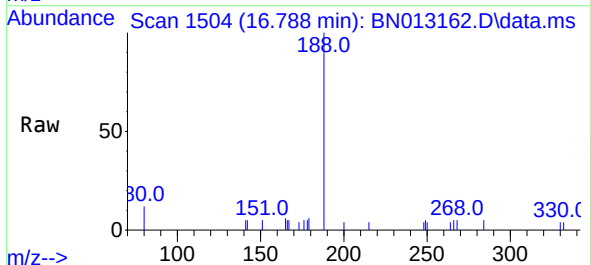
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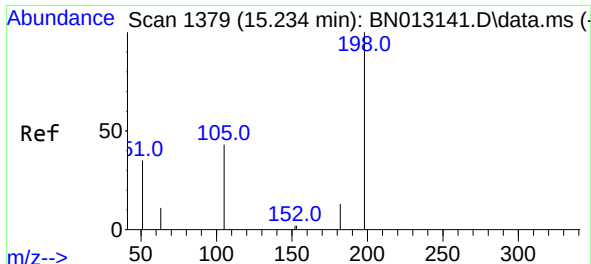
Tgt Ion:	172	Resp:	1625
Ion	Ratio	Lower	Upper
172	100		
171	38.9	28.2	42.4
170	29.4	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:	188	Resp:	2943
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.0	7.4#

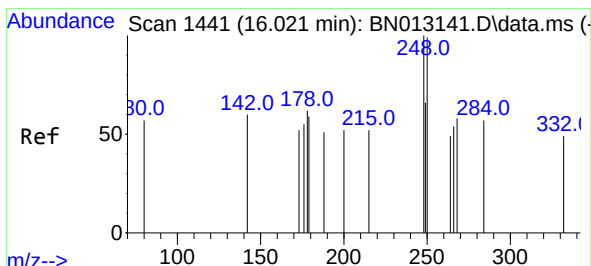
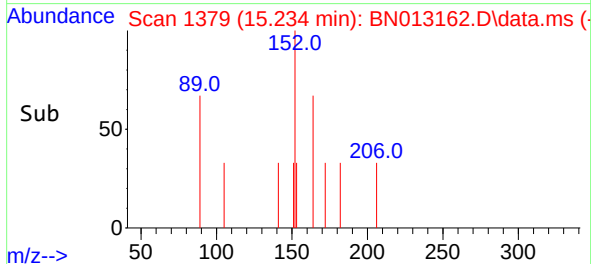
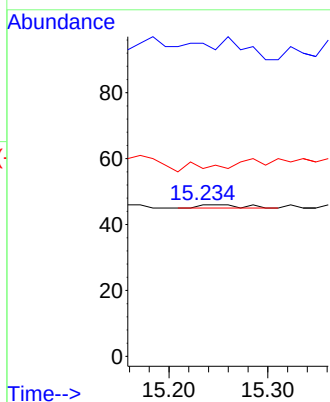
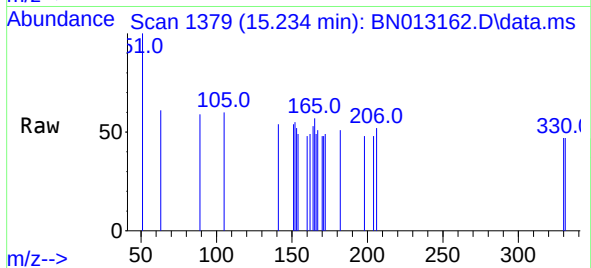




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

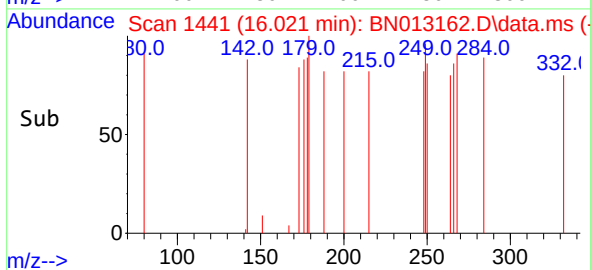
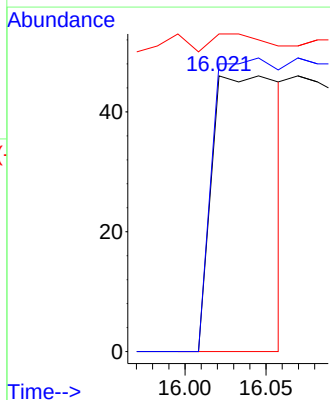
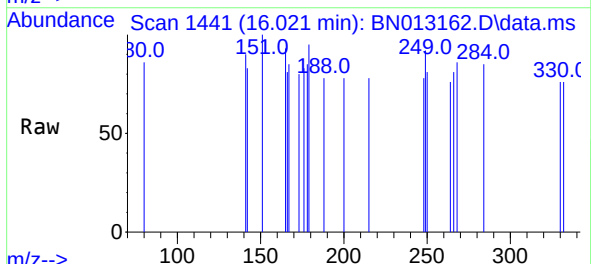
Instrument :
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RE135D1-20201208

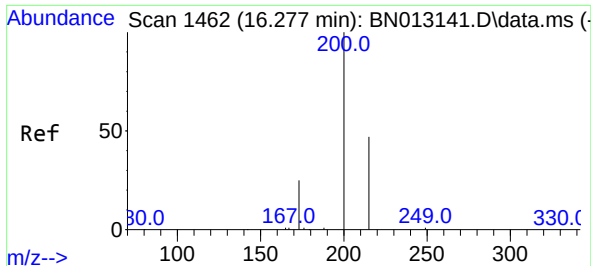
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 206.5 43.5 65.3#
105 123.9 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.23 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:248 Resp: 135
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 115.2 57.8 86.8#

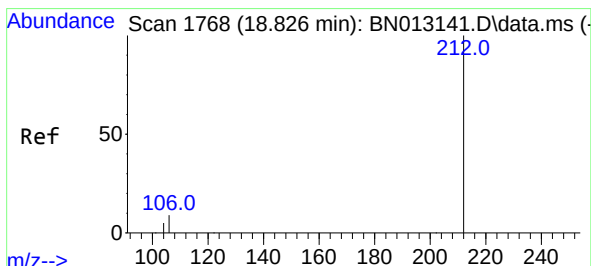
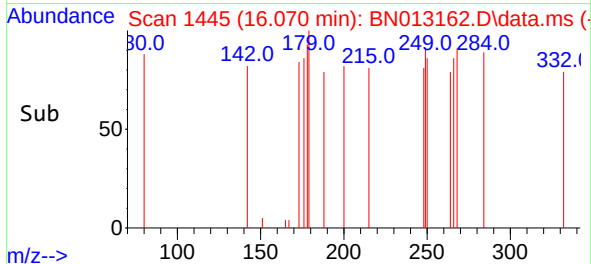
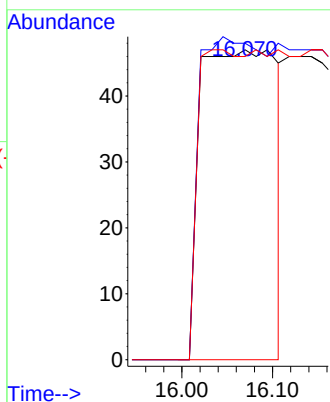
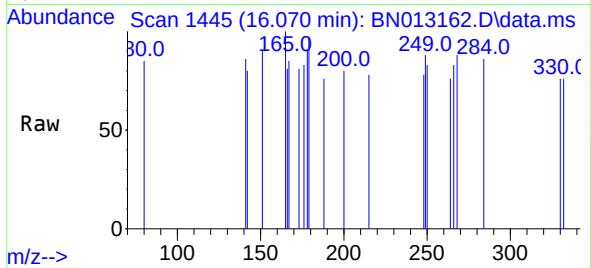




#23
Atrazine
Concen: 0.15 ng
RT: 16.070 min Scan# 1445
Delta R.T. -0.207 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

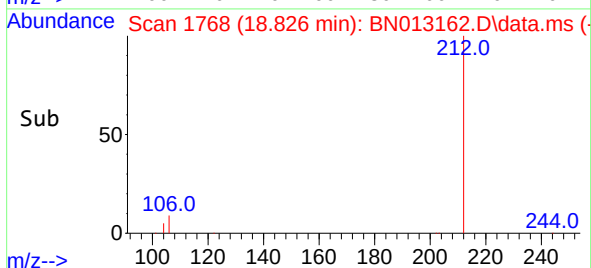
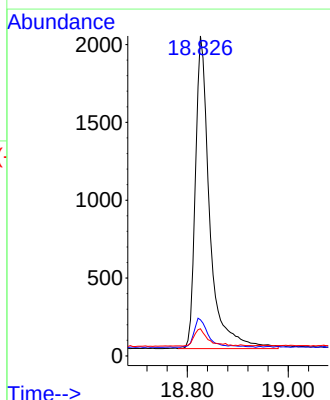
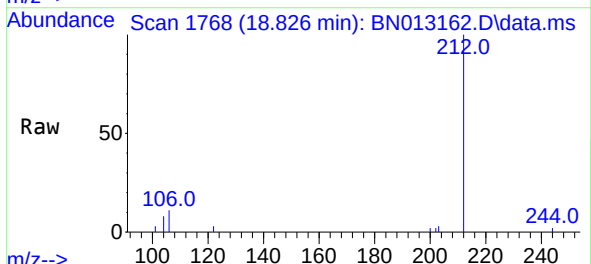
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

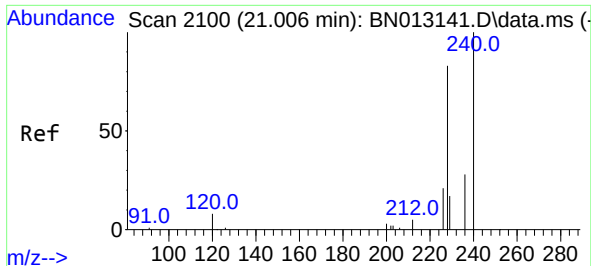
Tgt Ion:200 Resp: 272
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 97.9 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:212 Resp: 3952
Ion Ratio Lower Upper
212 100
106 8.7 6.8 10.2
104 5.4 4.1 6.1

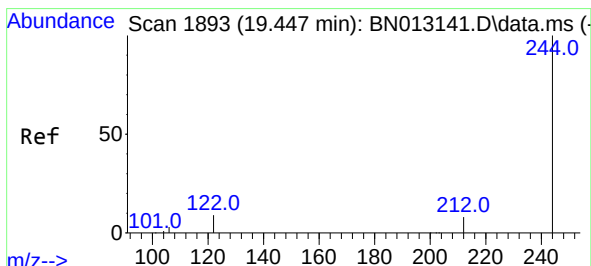
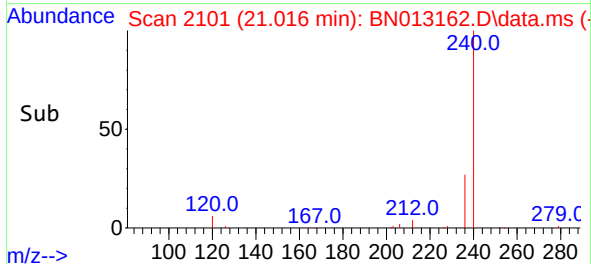
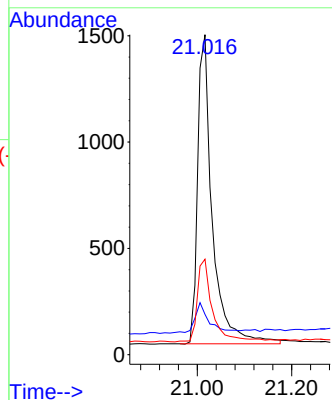
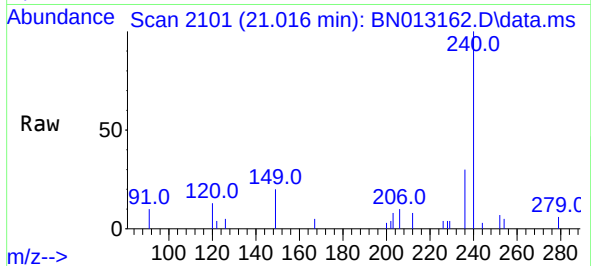




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

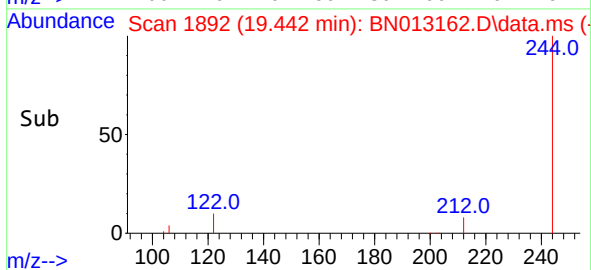
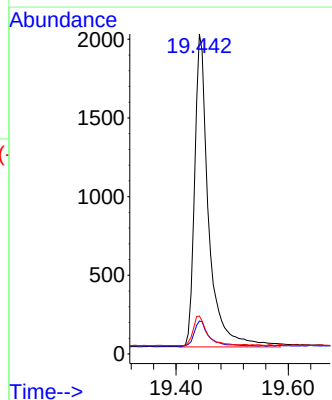
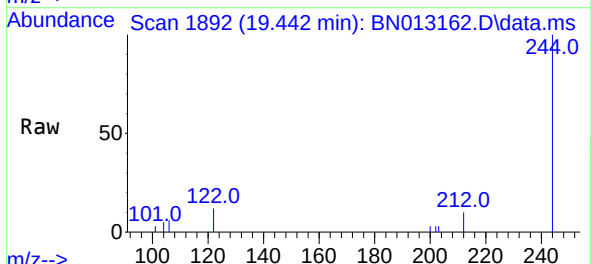
Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

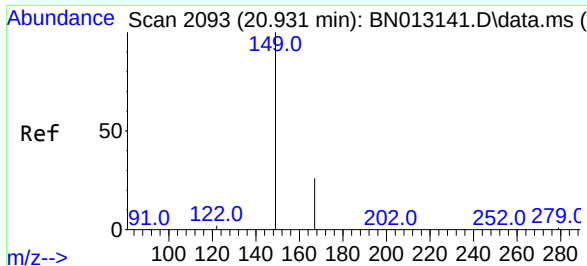
Tgt Ion:240 Resp: 3140
Ion Ratio Lower Upper
240 100
120 12.6 5.3 7.9#
236 29.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:244 Resp: 3459
Ion Ratio Lower Upper
244 100
212 10.3 7.3 10.9
122 11.8 7.3 10.9#

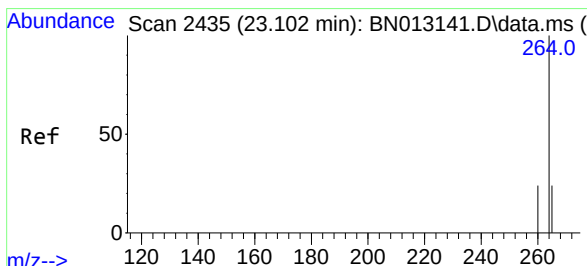
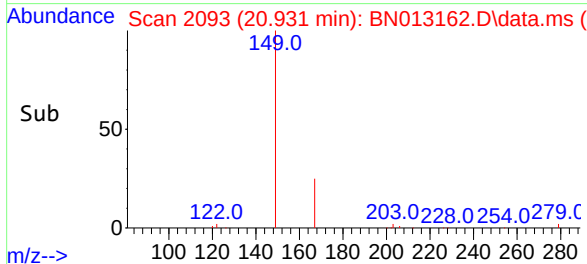
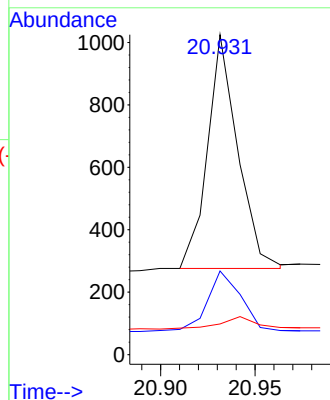
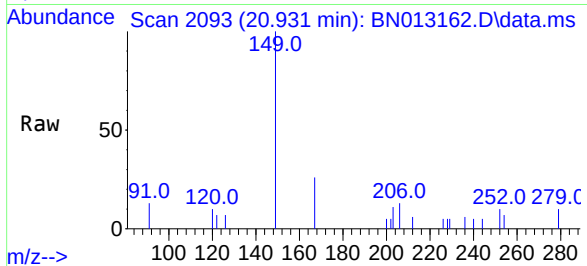




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Instrument :
BNA_N
ClientSampleId :
RE135D1-20201208

Tgt Ion:	149	Resp:	836
Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.2	34.8
279	5.0	3.9	5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN013162.D
Acq: 16 Dec 2020 10:43

Tgt Ion:	264	Resp:	3693
Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.8	29.6
265	85.0	51.4	77.0

