

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014082.D
 Acq On : 24 Mar 2021 22:11
 Operator : CG/JU
 Sample : M1787-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

Quant Time: Mar 25 05:38:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

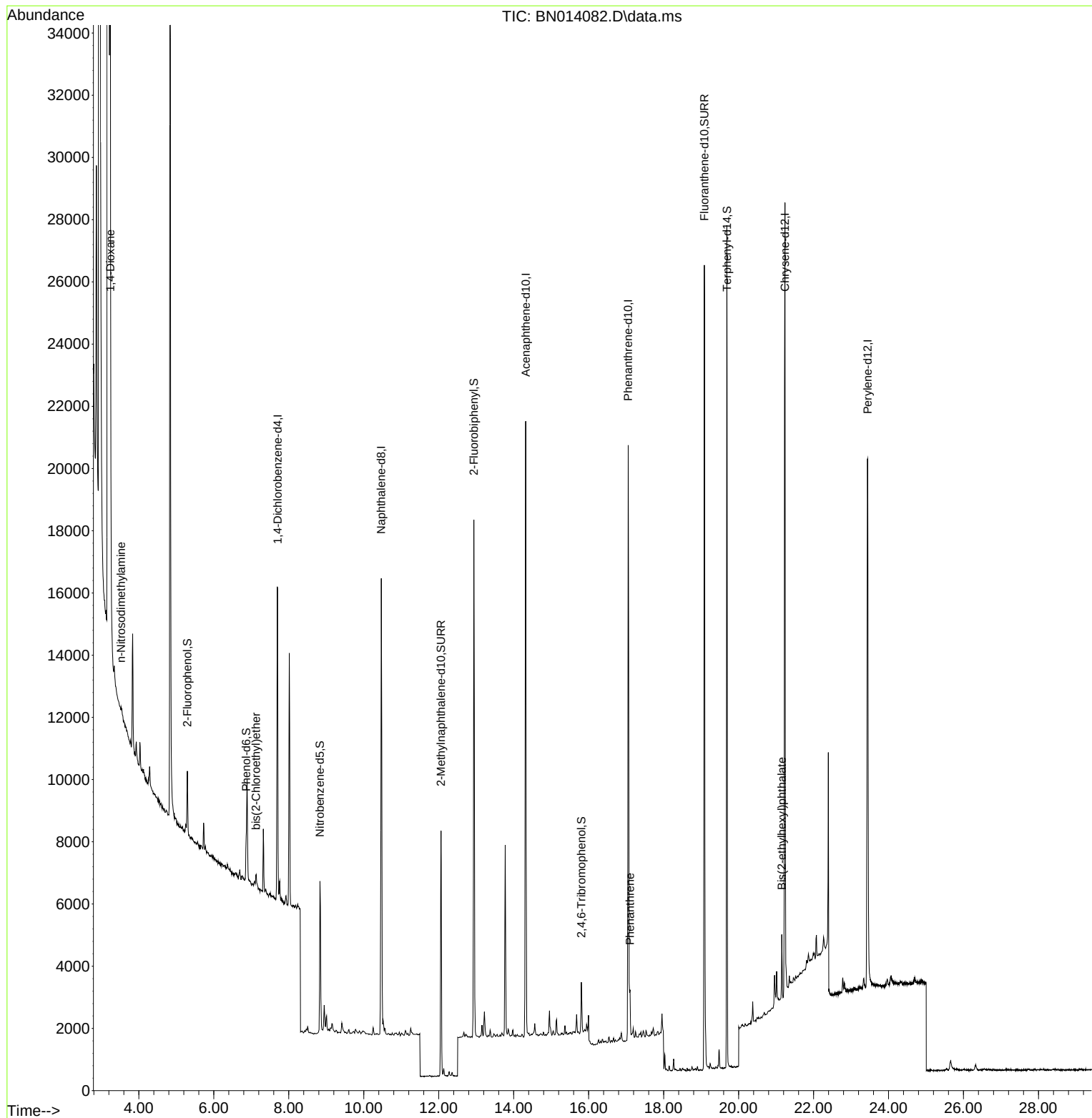
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4964	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19339	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11561	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25920	0.40	ng	-0.01
29) Chrysene-d12	21.237	240	25297	0.40	ng	# 0.00
36) Perylene-d12	23.442	264	23831	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1553	0.14	ng	0.00
5) Phenol-d6	6.863	99	1099	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4222	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10581	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1143	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14312	0.33	ng	-0.01
27) Fluoranthene-d10	19.086	212	30392	0.42	ng	0.00
31) Terphenyl-d14	19.687	244	25988	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	16990	2.60	ng	# 94
3) n-Nitrosodimethylamine	3.529	42	229	0.05	ng	# 1
6) bis(2-Chloroethyl)ether	7.129	93	498	0.04	ng	# 77
25) Phenanthrene	17.104	178	1790	0.03	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.152	149	1900	0.07	ng	95

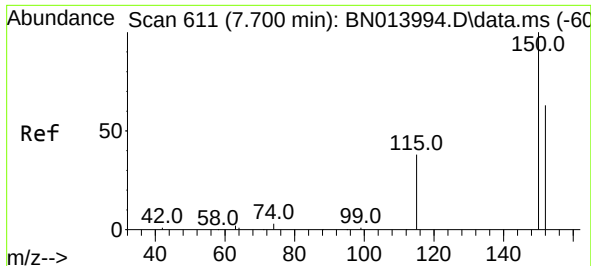
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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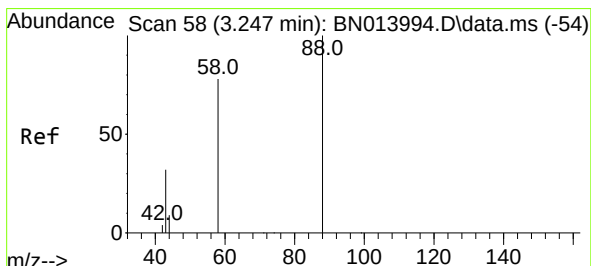
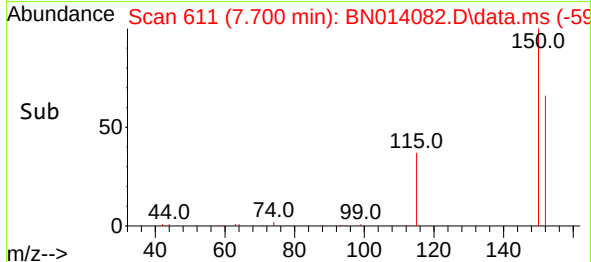
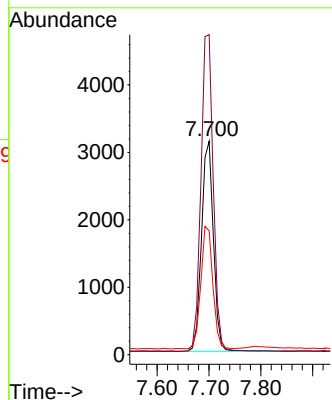
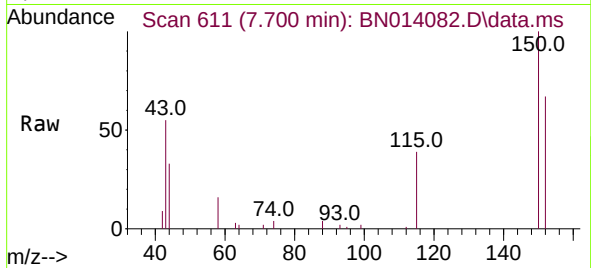




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

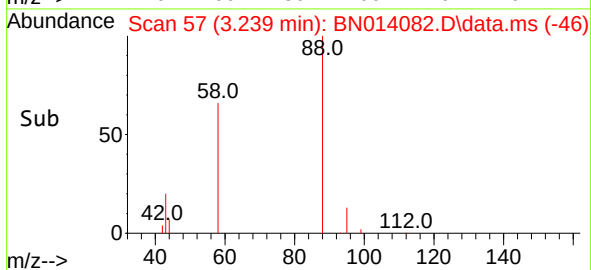
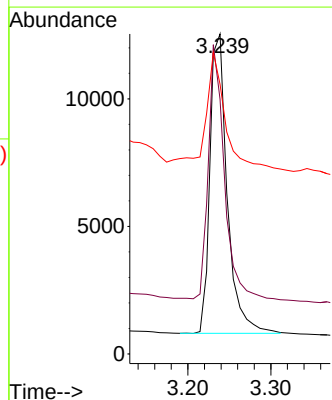
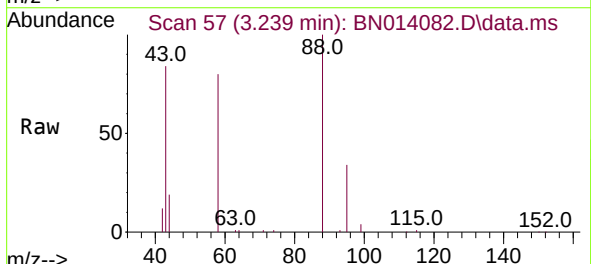
Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

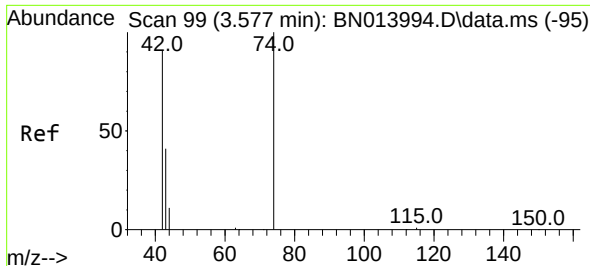
Tgt Ion:152 Resp: 4964
 Ion Ratio Lower Upper
 152 100
 150 150.0 121.8 182.8
 115 58.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 2.60 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Tgt Ion: 88 Resp: 16990
 Ion Ratio Lower Upper
 88 100
 58 79.4 64.6 96.8
 43 43.2 26.6 40.0#

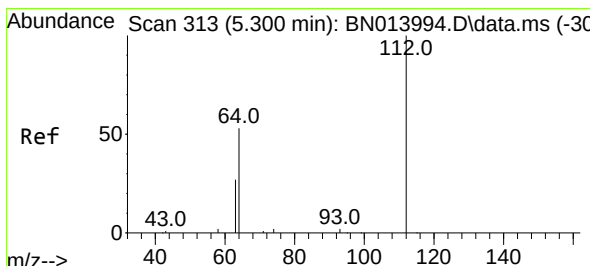
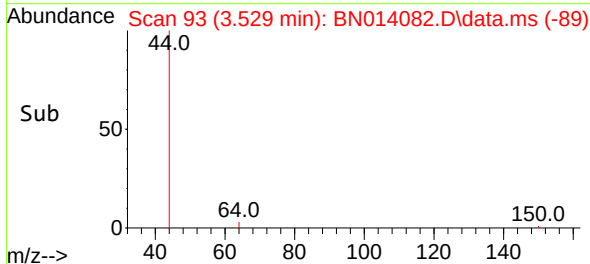
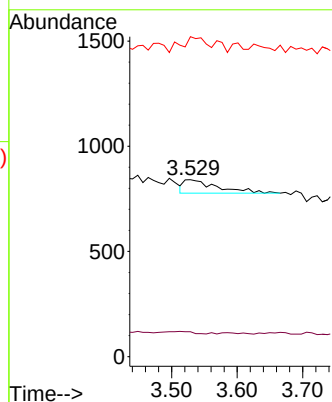
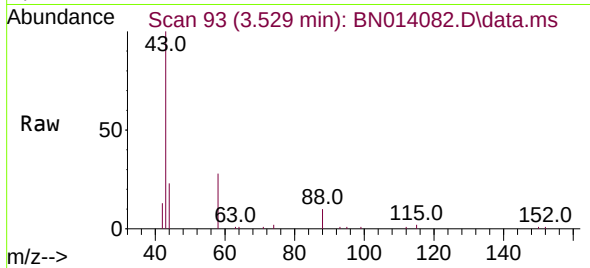




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.529 min Scan# 93
Delta R.T. -0.064 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

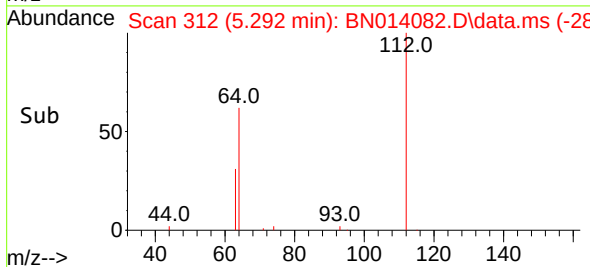
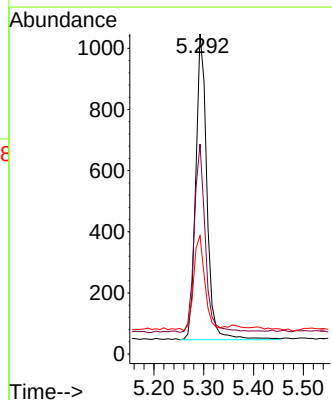
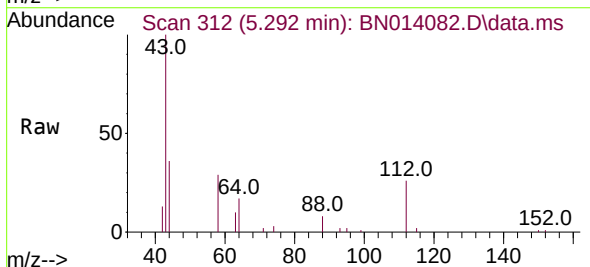
Instrument :
BNA_N
ClientSampleId :
RE-126D2-20210319

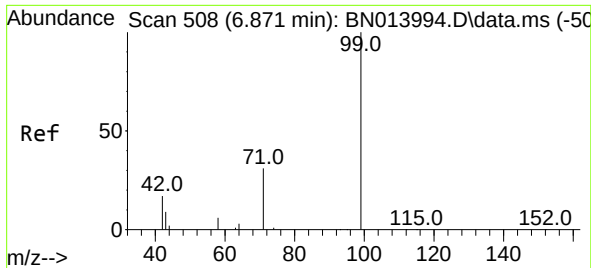
Tgt Ion: 42 Resp: 229
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 34.5 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion: 112 Resp: 1553
Ion Ratio Lower Upper
112 100
64 61.0 44.3 66.5
63 29.8 23.0 34.6

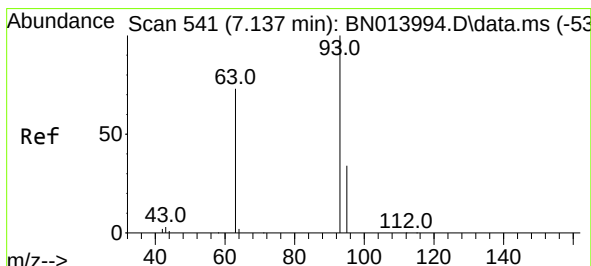
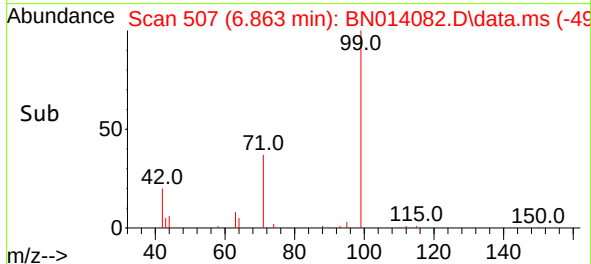
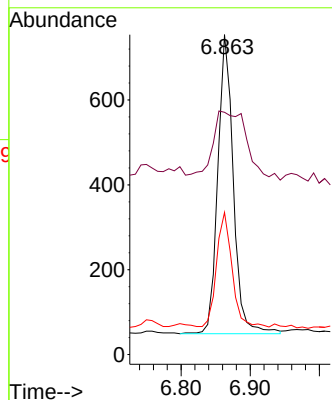
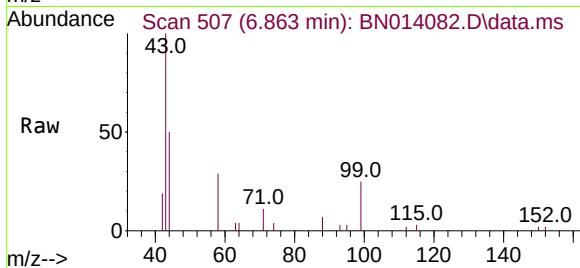




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

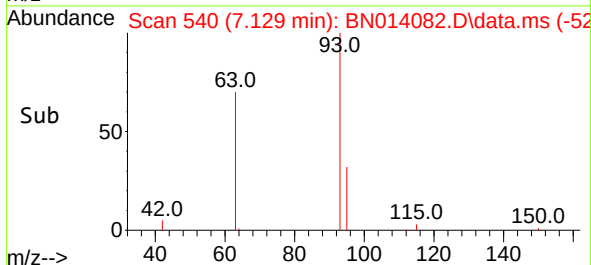
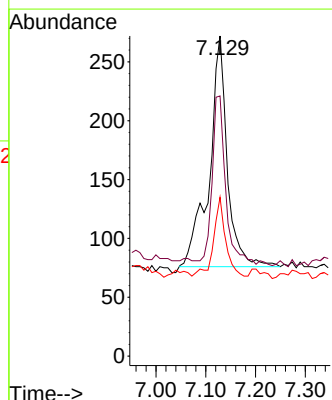
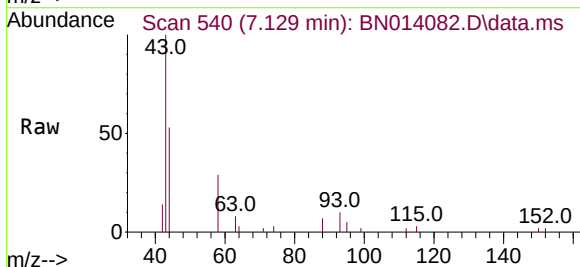
Instrument :
BNA_N
ClientSampleId :
RE-126D2-20210319

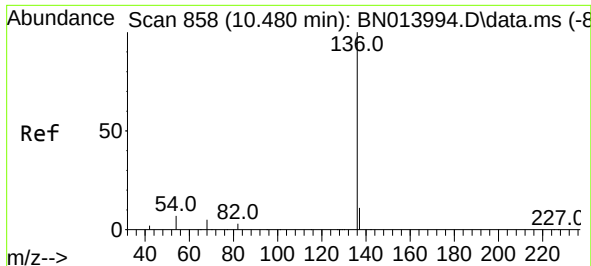
Tgt Ion: 99 Resp: 1099
Ion Ratio Lower Upper
99 100
42 50.9 15.2 22.8#
71 38.5 26.1 39.1



#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion: 93 Resp: 498
Ion Ratio Lower Upper
93 100
63 54.0 60.8 91.2#
95 22.3 26.0 39.0#

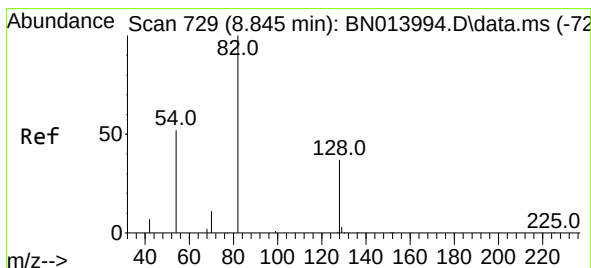
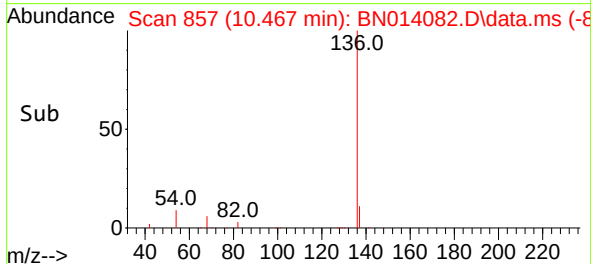
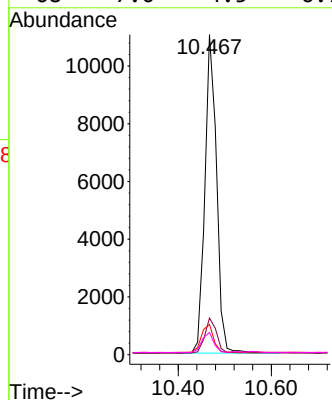
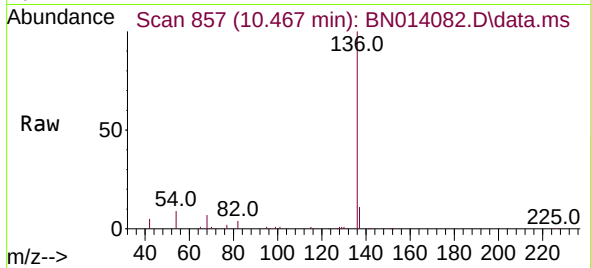




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

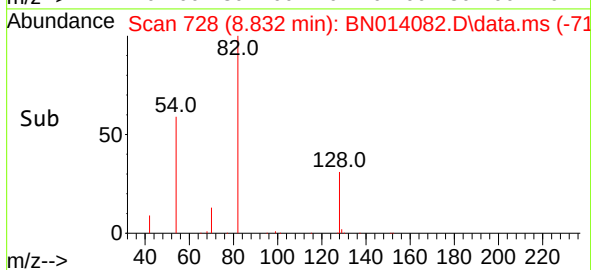
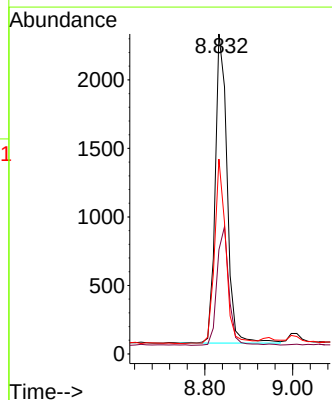
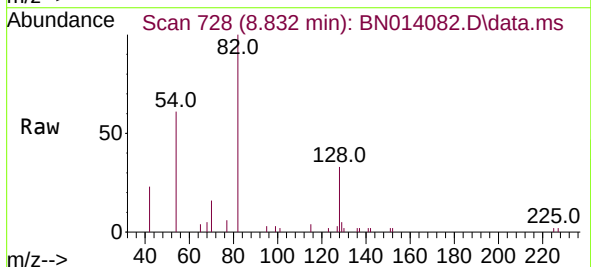
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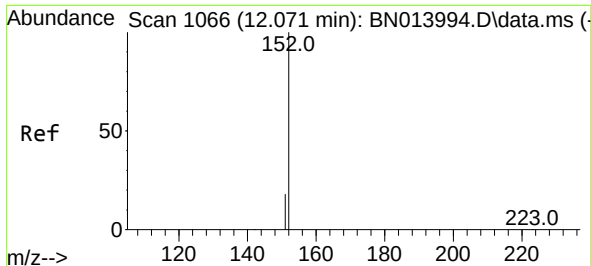
Tgt Ion:136	Resp:	19339
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	9.5	6.4 9.6
68	7.0	4.5 6.7#



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion: 82	Resp:	4222
Ion Ratio	Lower	Upper
82	100	
128	32.5	39.2 58.8#
54	60.9	40.1 60.1#

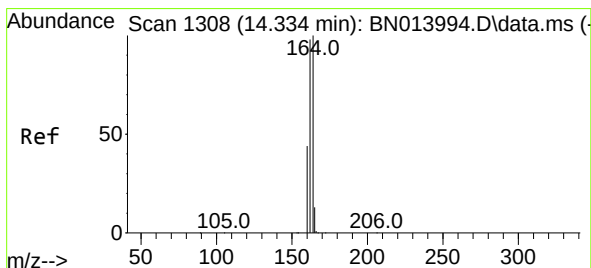
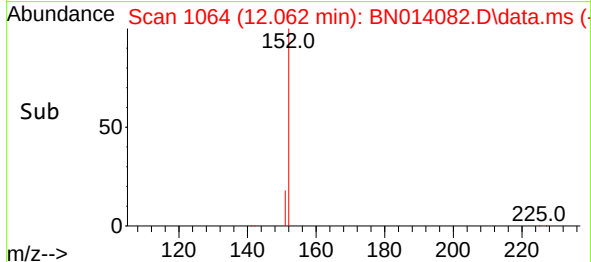
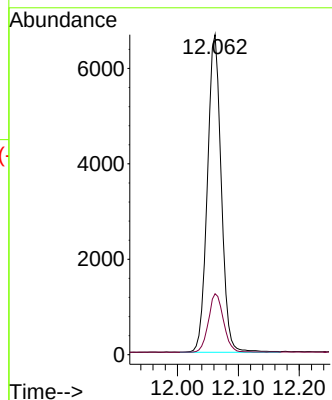
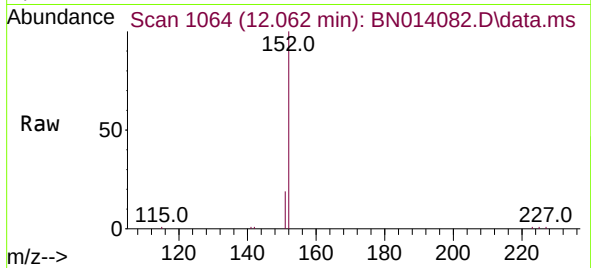




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

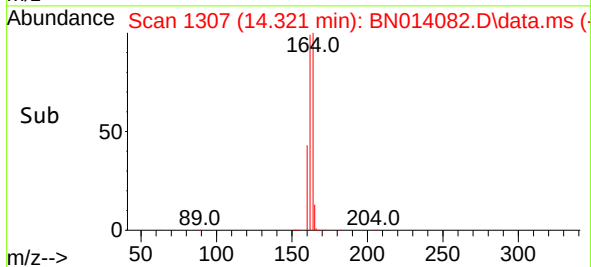
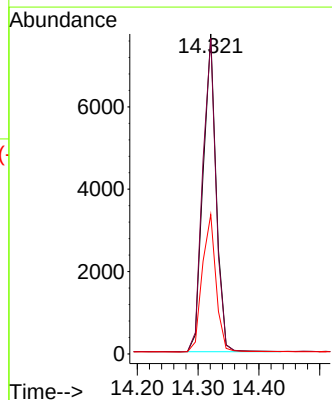
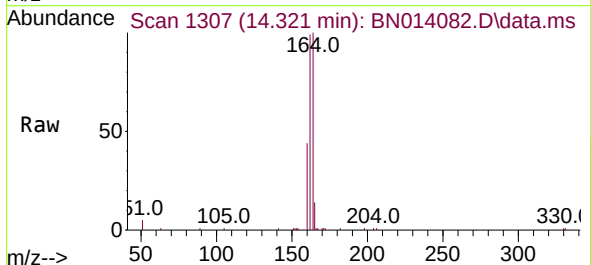
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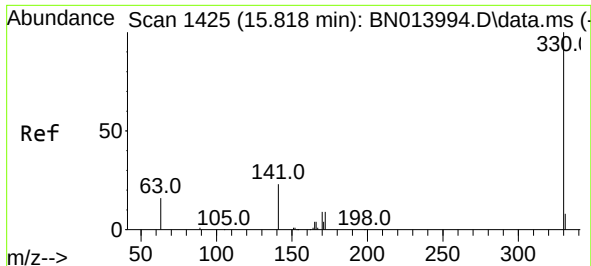
Tgt Ion:152 Resp: 10581
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:164 Resp: 11561
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 43.6 36.0 54.0

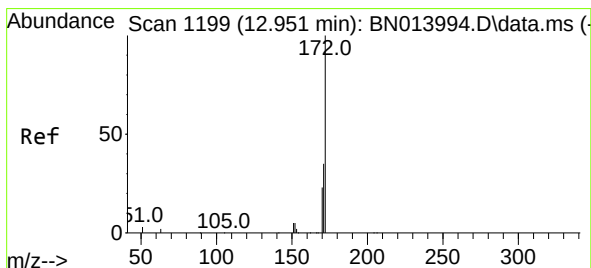
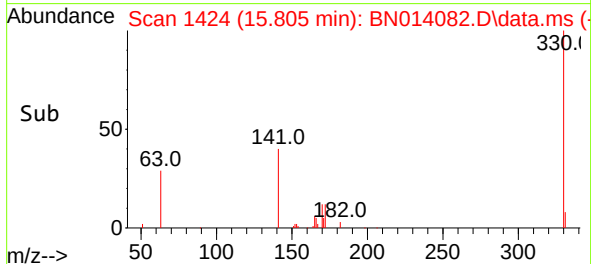
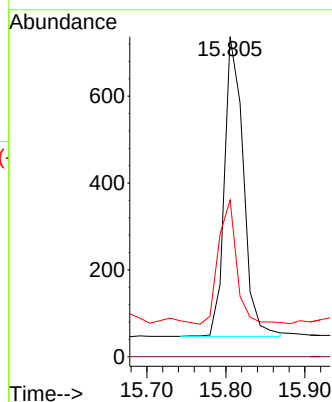
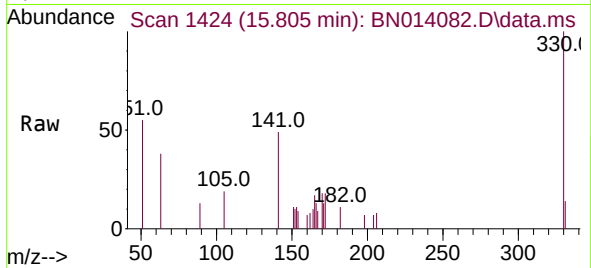




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

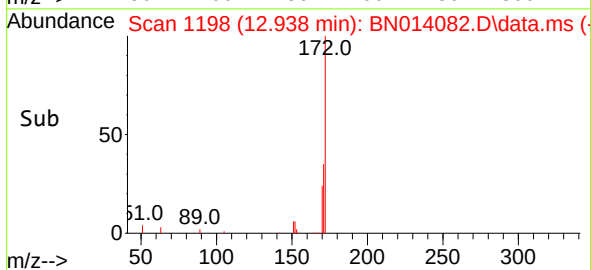
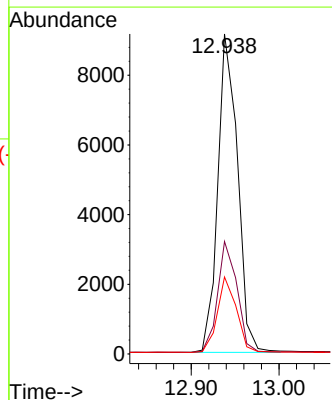
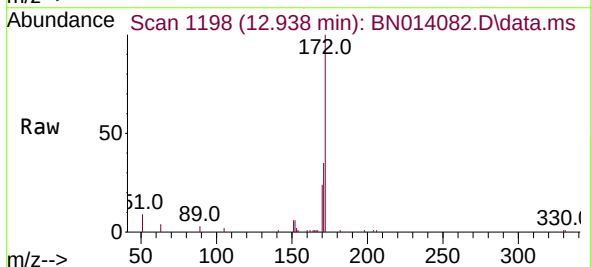
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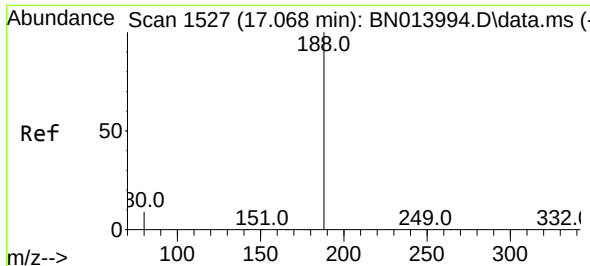
Tgt Ion: 330 Resp: 1143
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.3 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion: 172 Resp: 14312
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.0 18.9 28.3

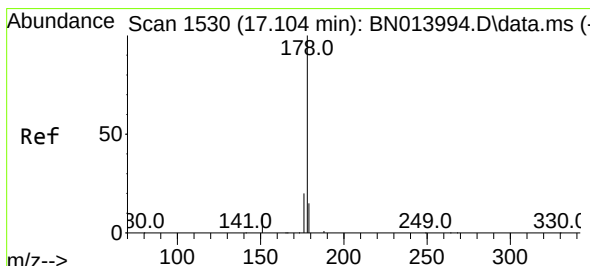
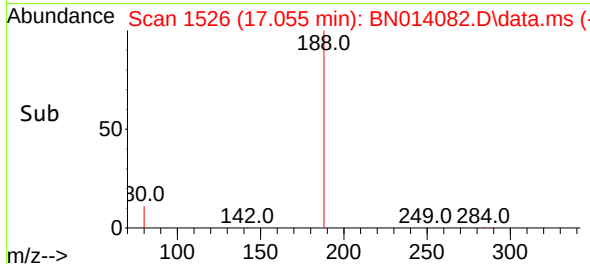
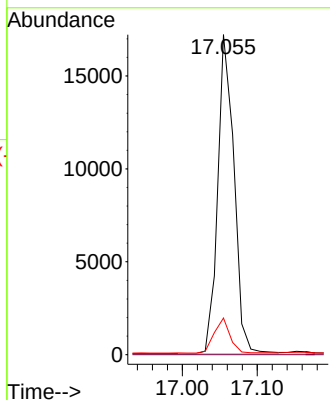
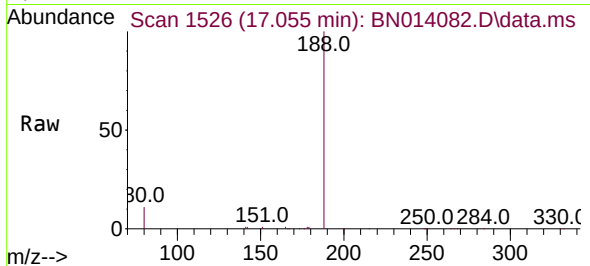




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

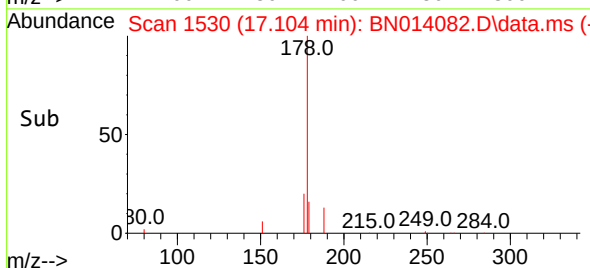
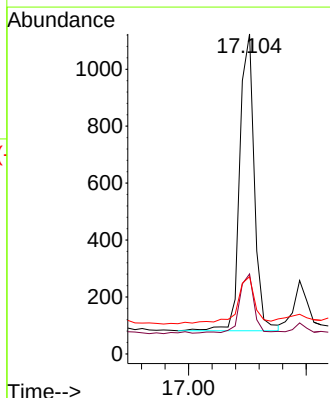
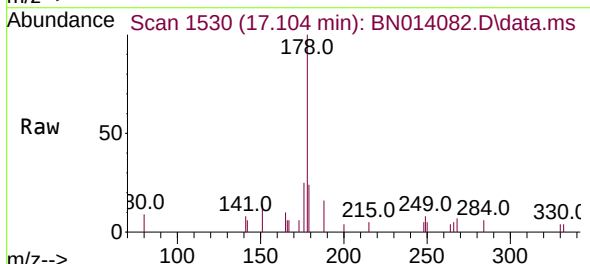
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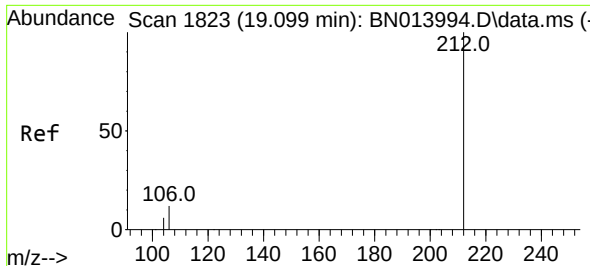
Tgt Ion:188 Resp: 25920
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.0 13.6



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:178 Resp: 1790
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 19.8 12.3 18.5#

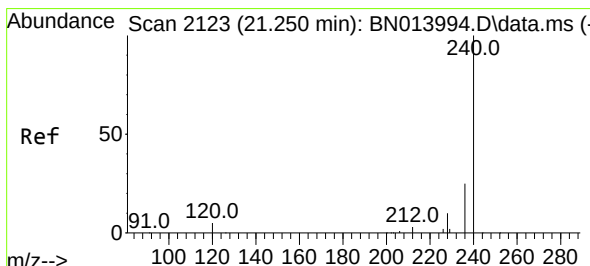
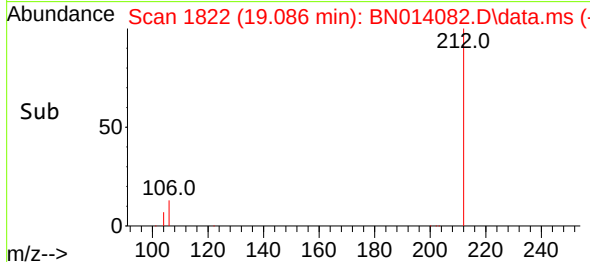
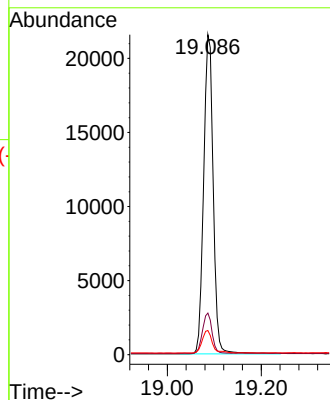
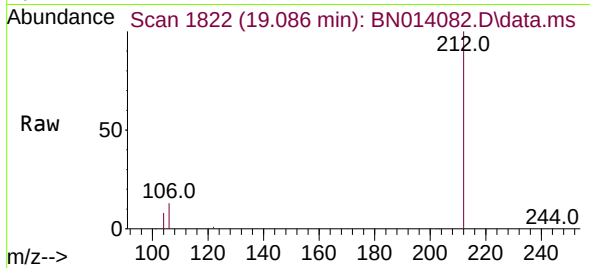




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.086 min Scan# 1822
Delta R.T. -0.002 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

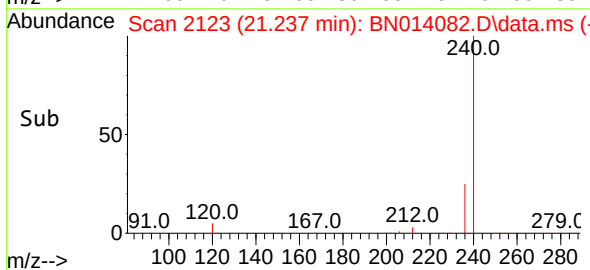
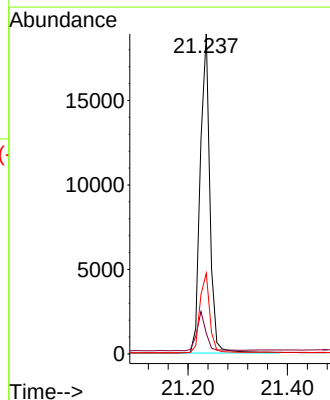
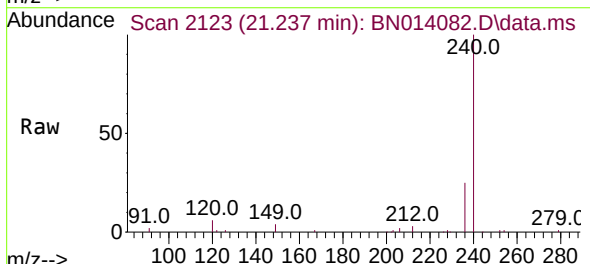
Instrument :
BNA_N
ClientSampleId :
RE-126D2-20210319

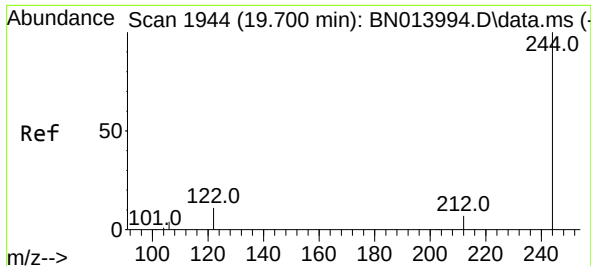
Tgt Ion:212 Resp: 30392
Ion Ratio Lower Upper
212 100
106 12.5 9.7 14.5
104 7.5 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BN014082.D
Acq: 24 Mar 2021 22:11

Tgt Ion:240 Resp: 25297
Ion Ratio Lower Upper
240 100
120 6.5 10.2 15.4#
236 25.2 21.3 31.9

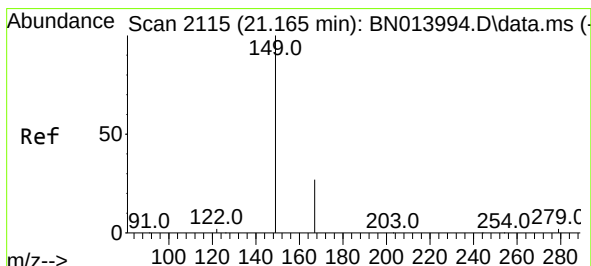
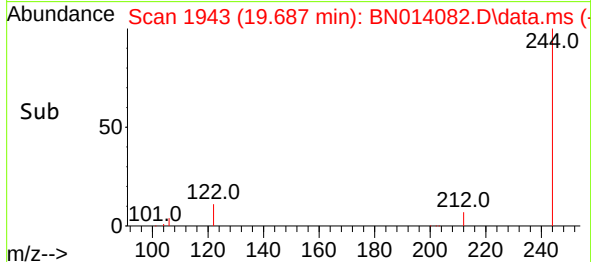
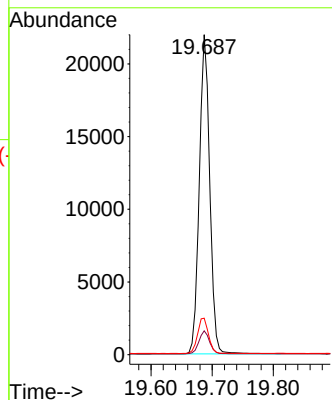
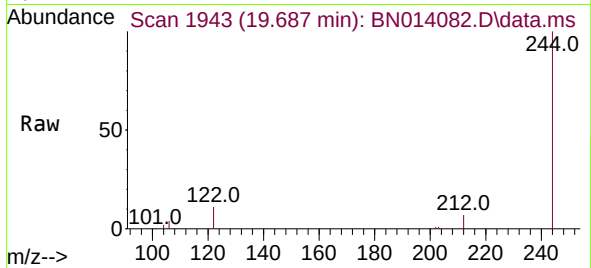




#31
 Terphenyl-d14
 Concen: 0.47 ng
 RT: 19.687 min Scan# 1943
 Delta R.T. -0.002 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

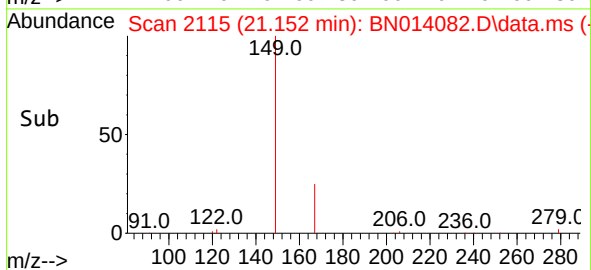
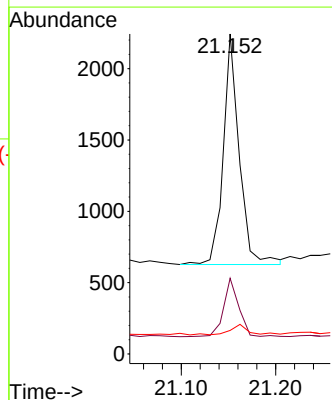
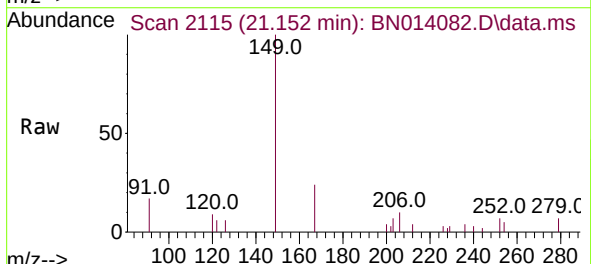
Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

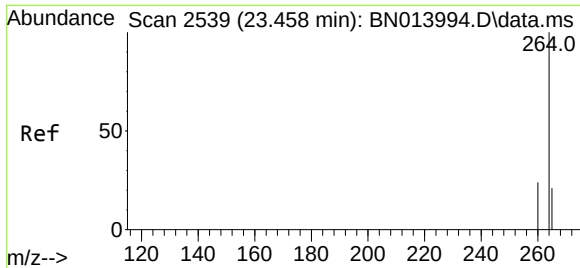
Tgt Ion:244	Resp:	25988
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.1 9.1
122	11.4	9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.152 min Scan# 2115
 Delta R.T. -0.002 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Tgt Ion:149	Resp:	1900
Ion Ratio	Lower	Upper
149	100	
167	24.4	22.1 33.1
279	4.4	3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.442 min Scan# 2536
 Delta R.T. -0.006 min
 Lab File: BN014082.D
 Acq: 24 Mar 2021 22:11

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D2-20210319

Tgt Ion:264	Resp:	23831
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.3 28.9
265	34.2	66.2 99.4#

