

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014078.D
 Acq On : 24 Mar 2021 19:47
 Operator : CG/JU
 Sample : M1787-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D2-20210319

Quant Time: Mar 25 05:38:04 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

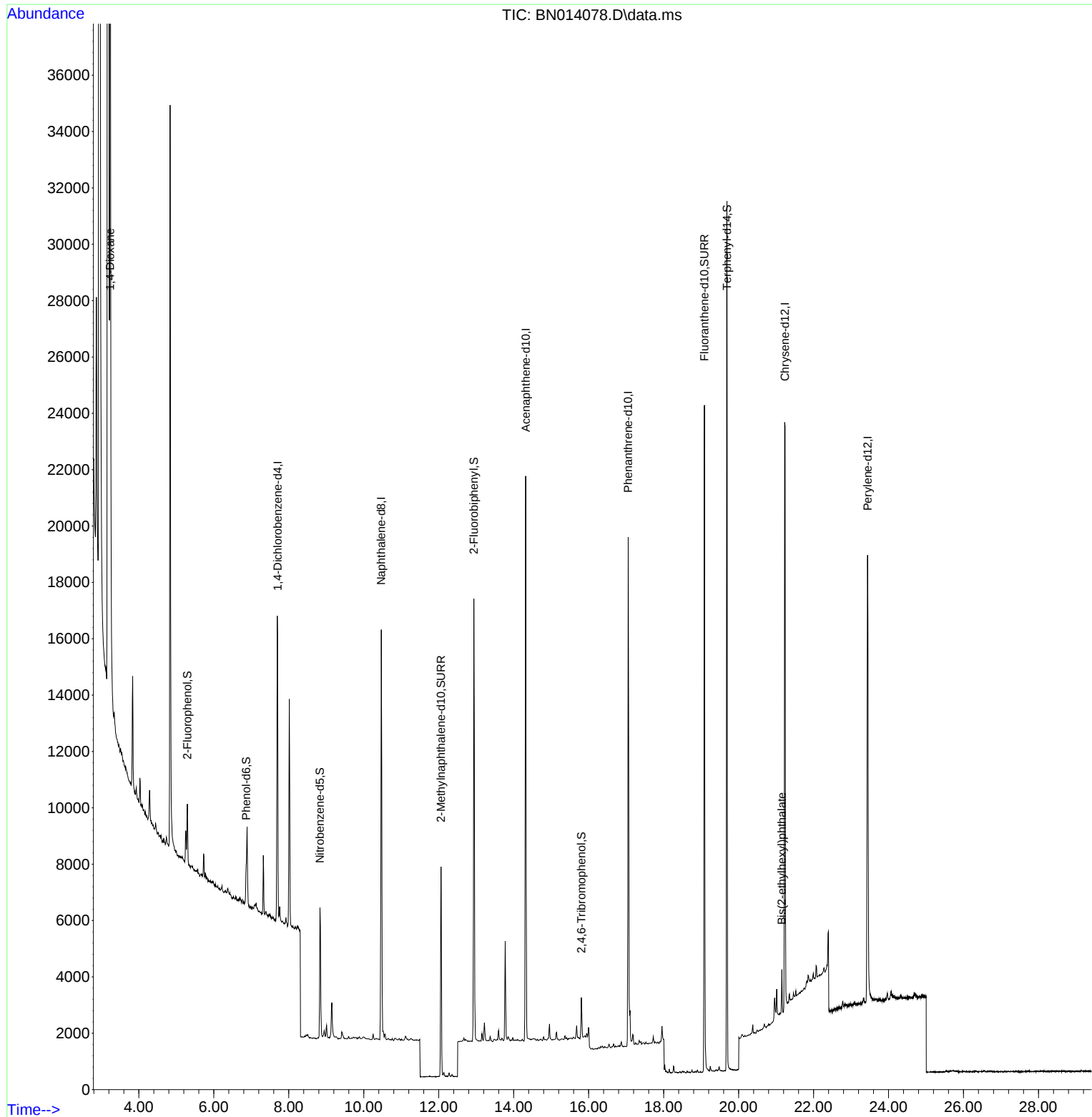
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4935	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19078	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11065	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24012	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23091	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	21992	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1580	0.14	ng	0.00
5) Phenol-d6	6.863	99	1127	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4017	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9932	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1028	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	13908	0.34	ng	-0.01
27) Fluoranthene-d10	19.089	212	27727	0.42	ng	0.00
31) Terphenyl-d14	19.690	244	31485	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	42755	6.57	ng	97
34) Bis(2-ethylhexyl)phtha...	21.154	149	1407	0.06	ng	# 98

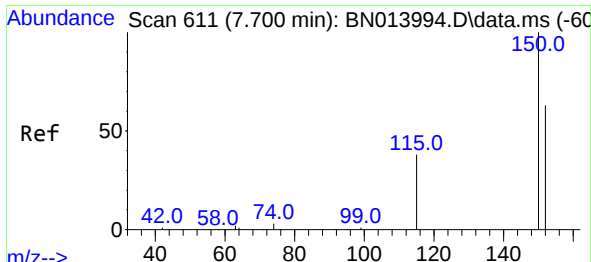
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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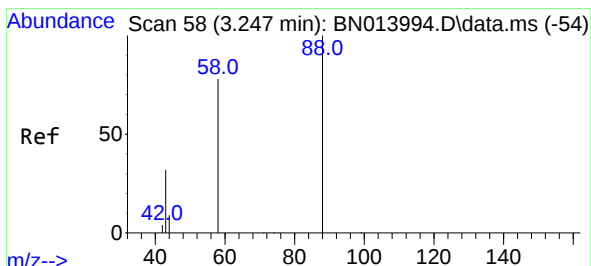
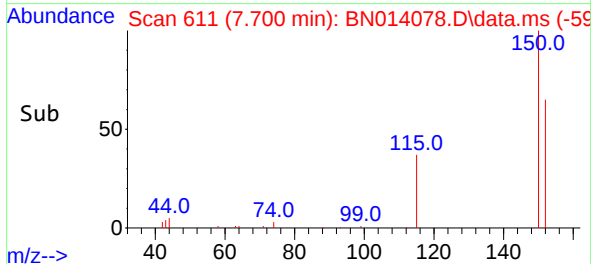
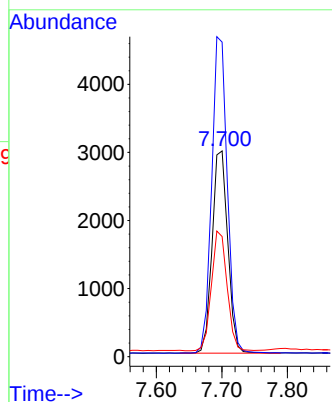
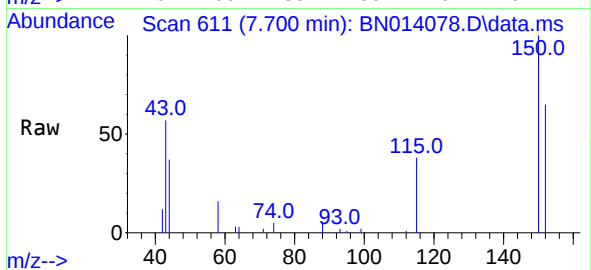


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014078.D
 Acq: 24 Mar 2021 19:47

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D2-20210319

Tgt Ion: 152 Resp: 4935

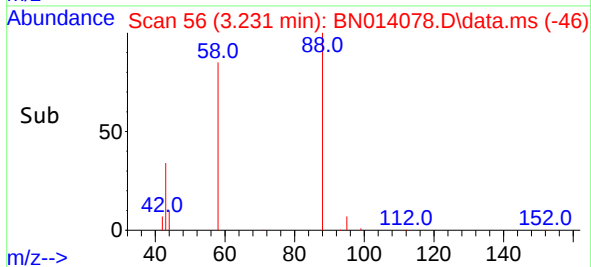
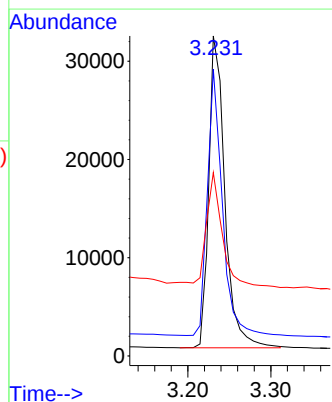
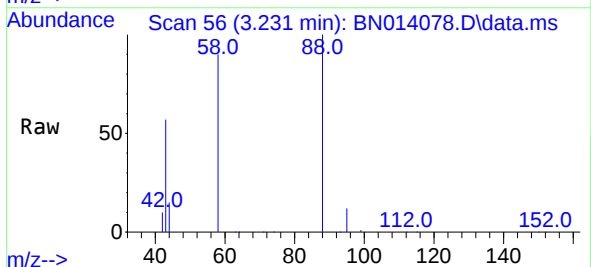
Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.8	182.8
115	58.4	46.6	69.8

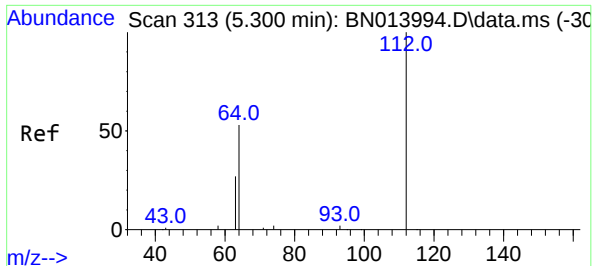


#2
 1,4-Dioxane
 Concen: 6.57 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014078.D
 Acq: 24 Mar 2021 19:47

Tgt Ion: 88 Resp: 42755

Ion	Ratio	Lower	Upper
88	100		
58	79.1	64.6	96.8
43	36.9	26.6	40.0



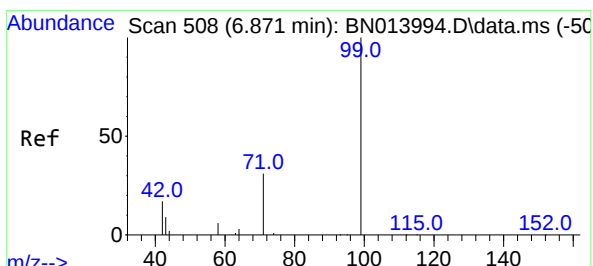
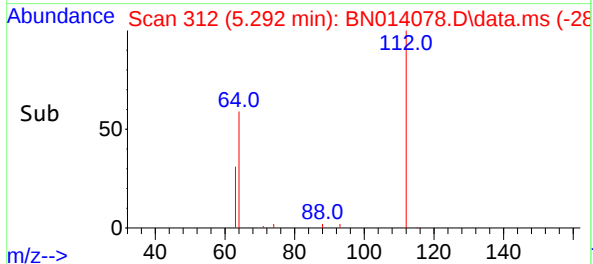
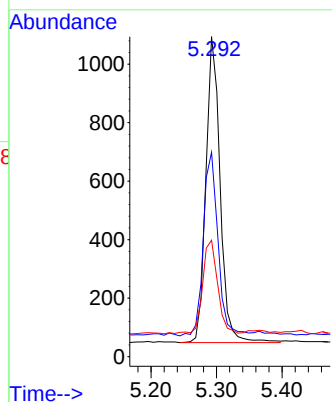
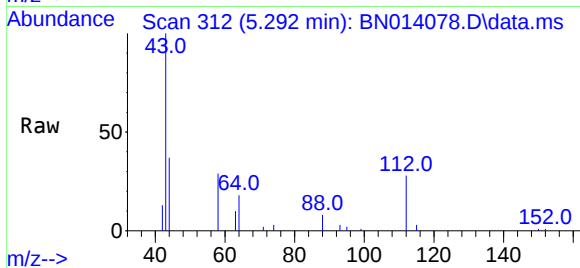


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Instrument :
BNA_N
ClientSampleId :
RE-125D2-20210319

Tgt Ion: 112 Resp: 1580

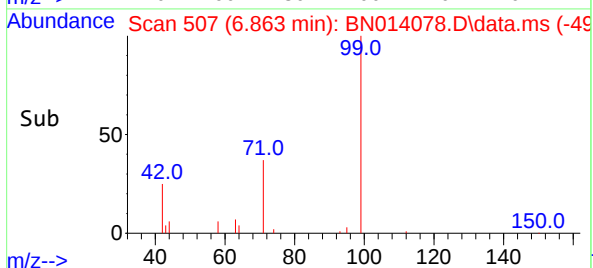
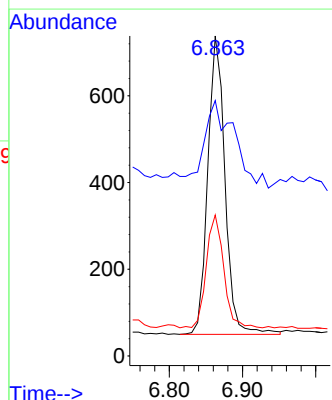
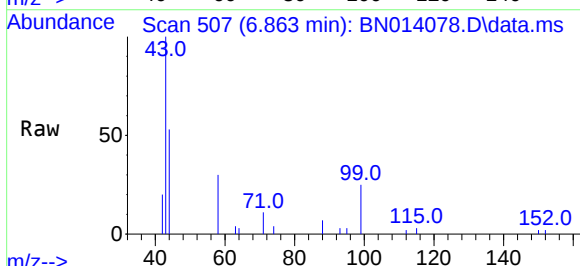
Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.3	66.5
63	32.2	23.0	34.6

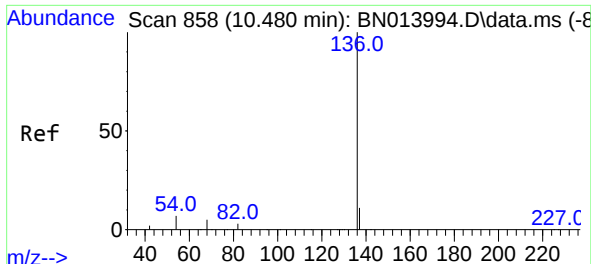


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion: 99 Resp: 1127

Ion	Ratio	Lower	Upper
99	100		
42	51.2	15.2	22.8#
71	38.2	26.1	39.1

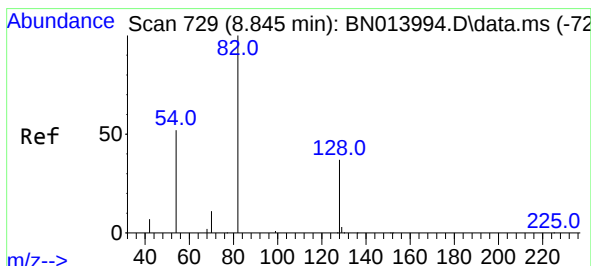
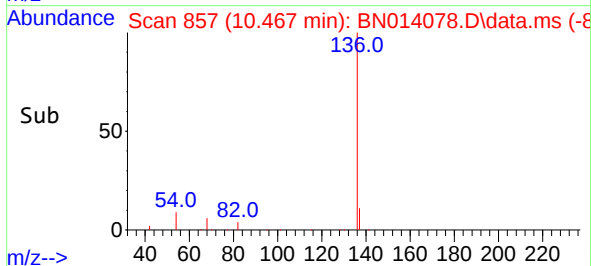
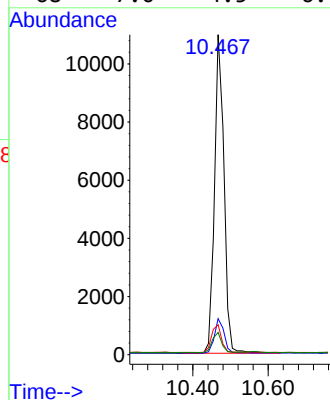
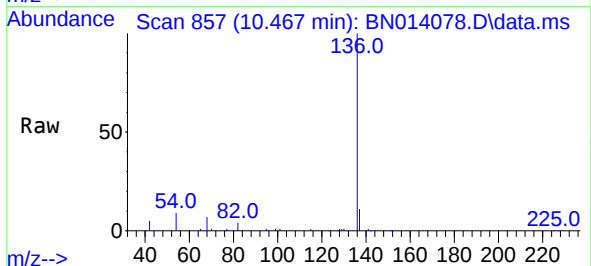




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

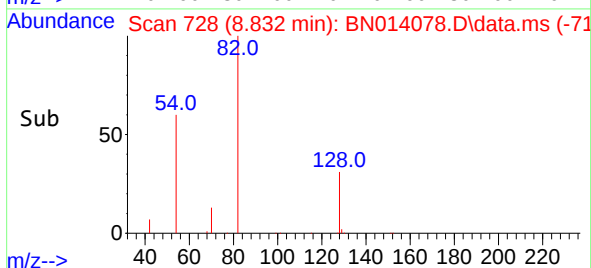
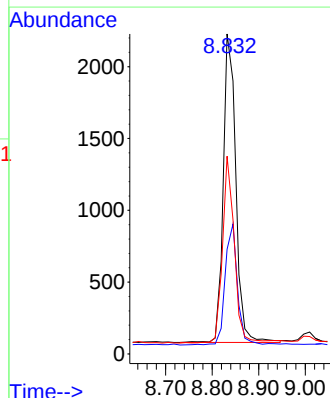
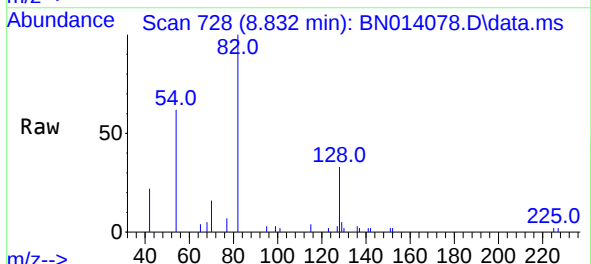
Instrument :
BNA_N
ClientSampleId :
RE-125D2-20210319

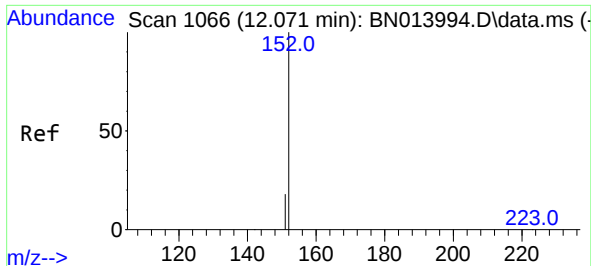
Tgt Ion:	136	Resp:	19078
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.4	6.4	9.6
68	7.0	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion:	82	Resp:	4017
Ion Ratio	Lower	Upper	
82	100		
128	32.7	39.2	58.8
54	61.8	40.1	60.1

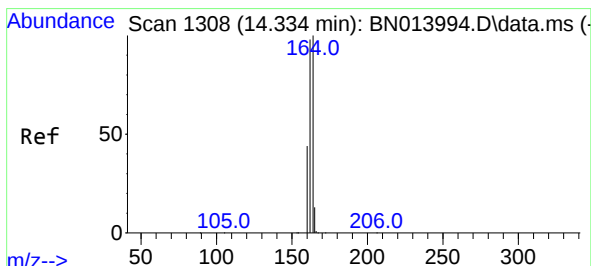
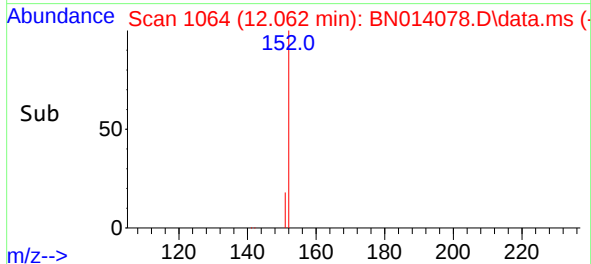
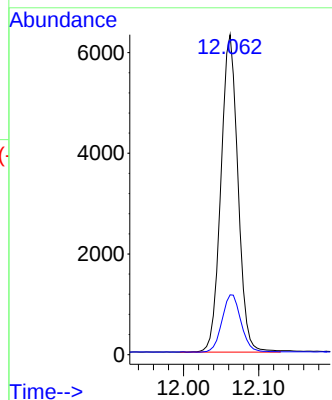
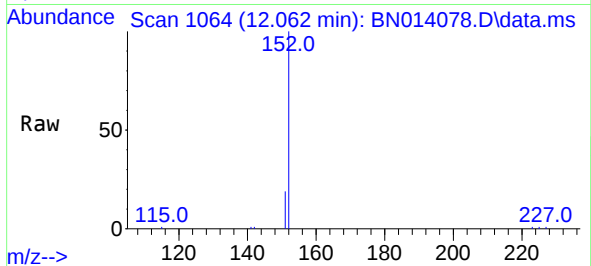




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

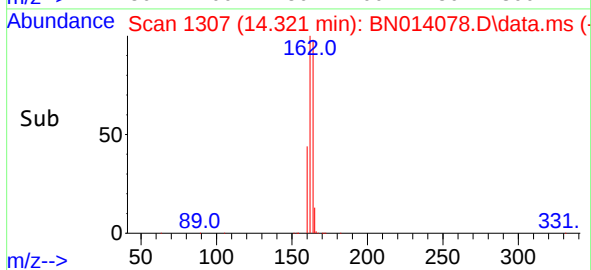
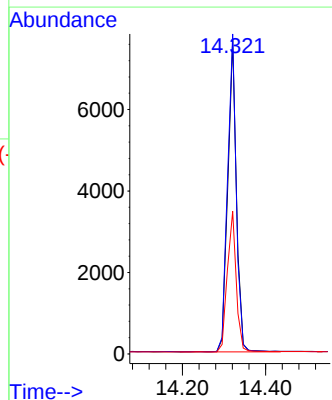
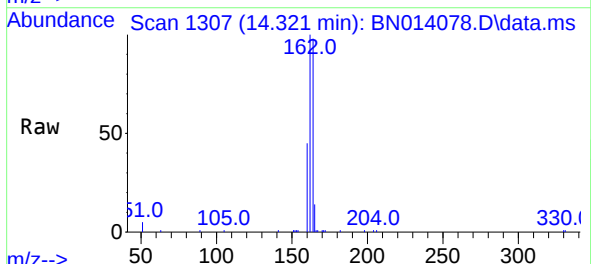
Instrument :
BNA_N
ClientSampleId :
RE-125D2-20210319

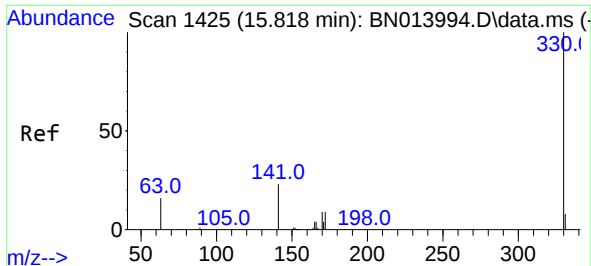
Tgt Ion:152 Resp: 9932
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion:164 Resp: 11065
Ion Ratio Lower Upper
164 100
162 102.0 79.6 119.4
160 45.5 36.0 54.0

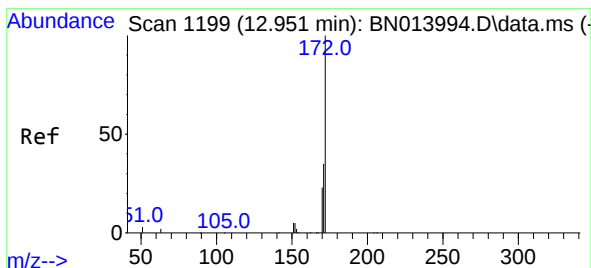
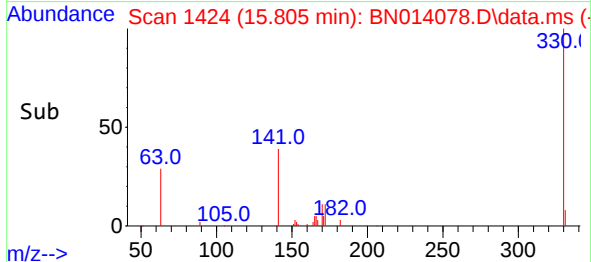
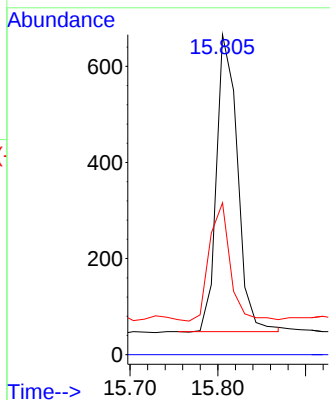
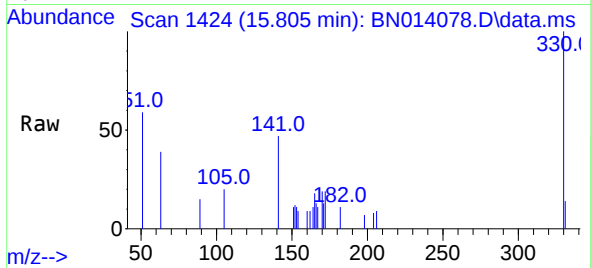




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

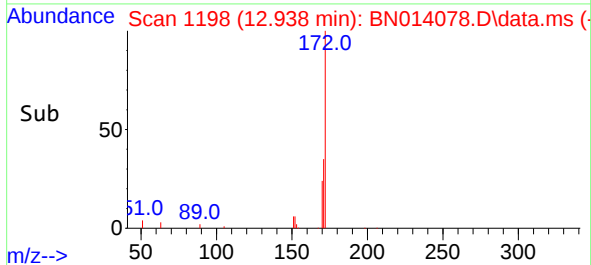
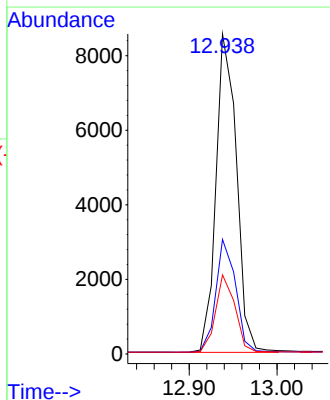
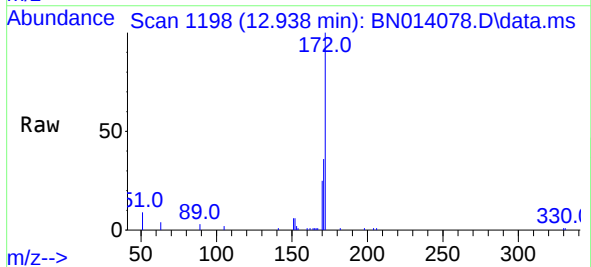
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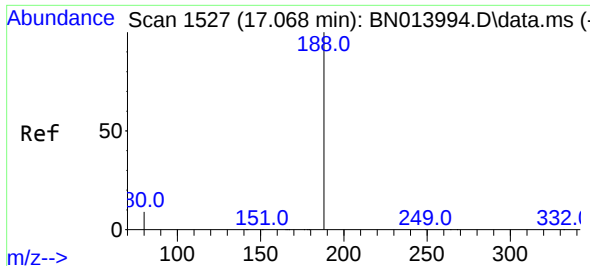
Tgt Ion: 330 Resp: 1028
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.7 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion: 172 Resp: 13908
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.7 18.9 28.3

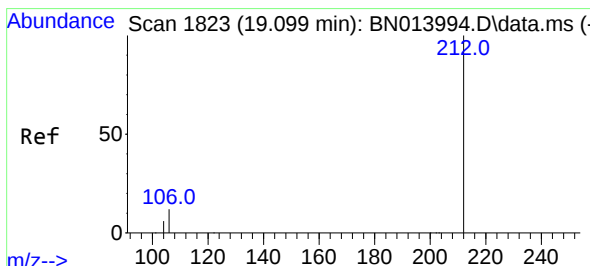
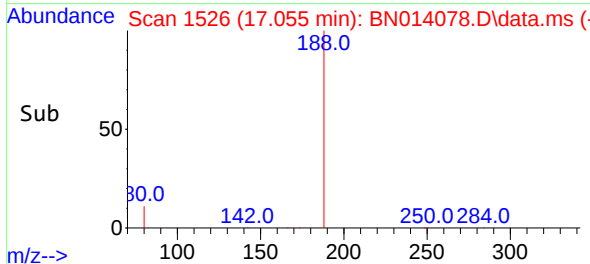
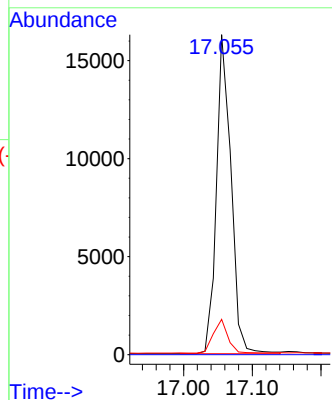
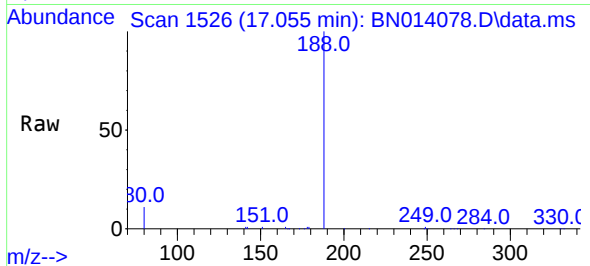




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

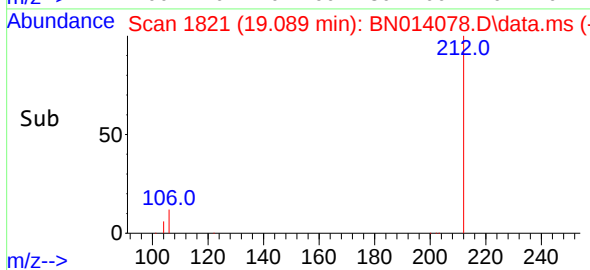
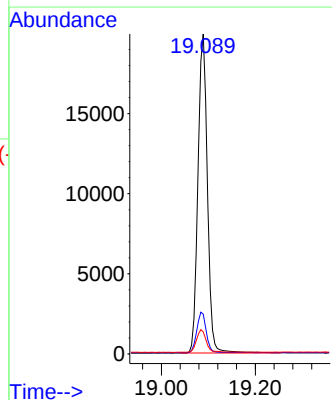
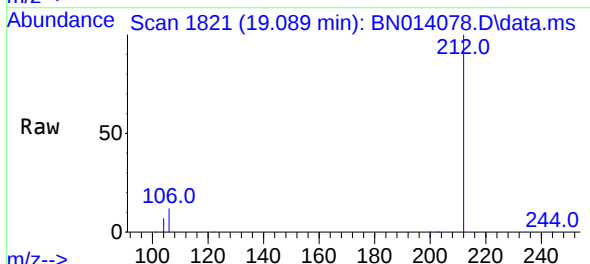
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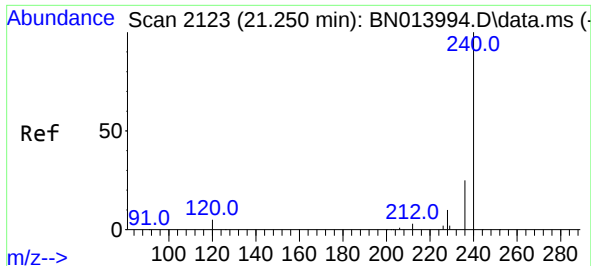
Tgt Ion:188	Resp:	24012
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.1	9.0



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion:212	Resp:	27727
Ion Ratio	Lower	Upper
212	100	
106	12.7	9.7
104	7.3	5.5

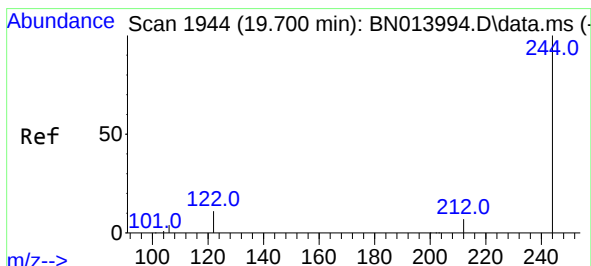
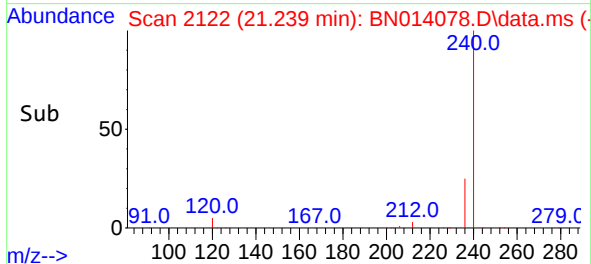
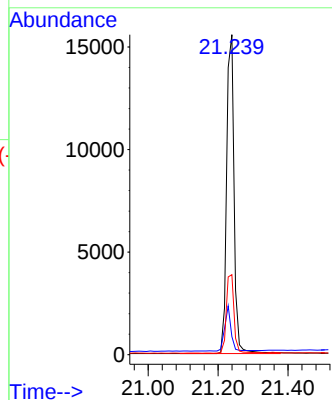
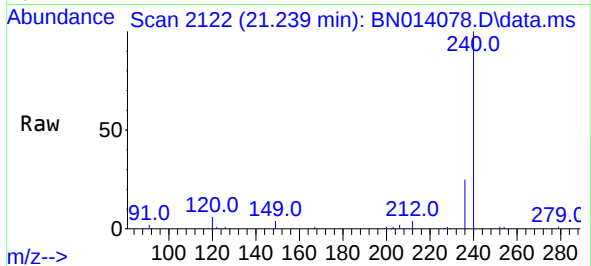




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

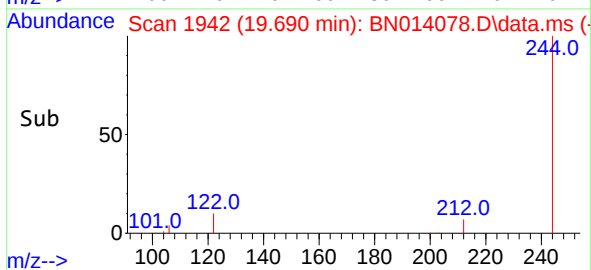
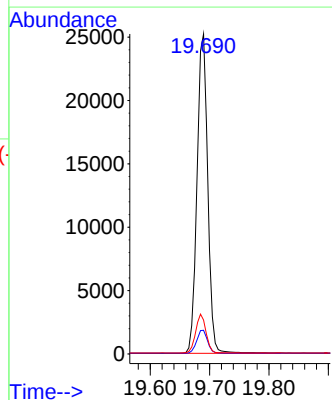
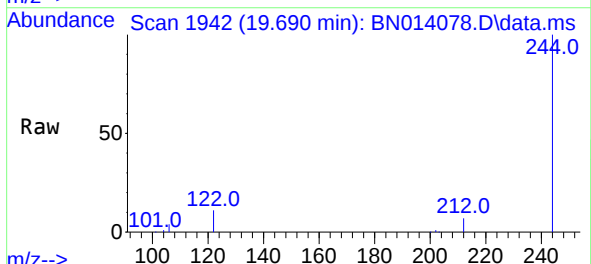
Instrument :
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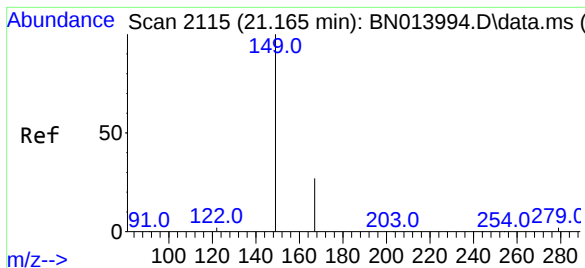
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Ion Ratio Lower Upper
240 100
120 5.7 10.2 15.4#
236 25.0 21.3 31.9



#31
Terphenyl-d14
Concen: 0.62 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion:244 Resp: 31485
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 10.6 9.8 14.8

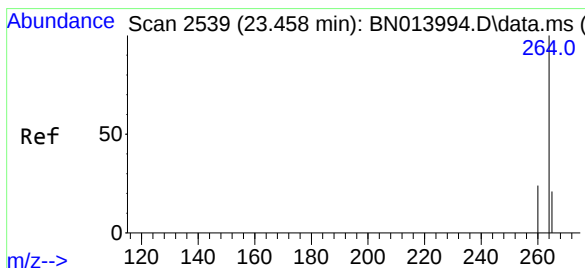
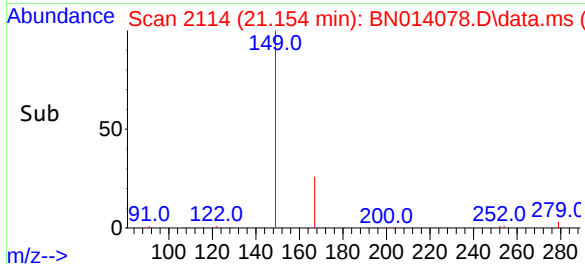
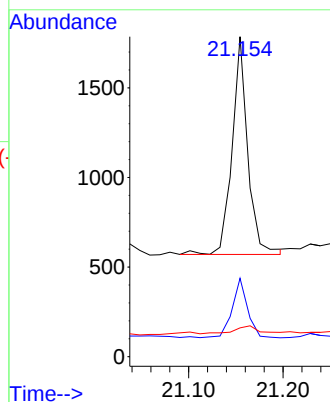
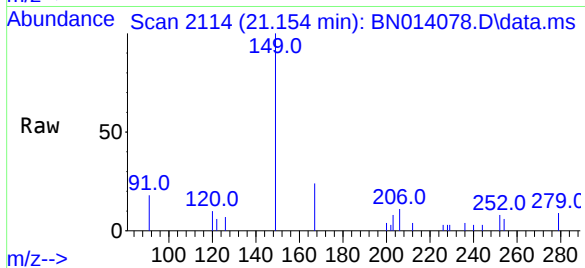




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Instrument :
BNA_N
ClientSampleId :
RE-125D2-20210319

Tgt Ion:149 Resp: 1407
Ion Ratio Lower Upper
149 100
167 26.6 22.1 33.1
279 5.8 3.5 5.3#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BN014078.D
Acq: 24 Mar 2021 19:47

Tgt Ion:264 Resp: 21992
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 34.7 66.2 99.4#

