

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014152.D
 Acq On : 31 Mar 2021 20:41
 Operator : CG/JU
 Sample : M1842-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20210323

Quant Time: Apr 01 01:25:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

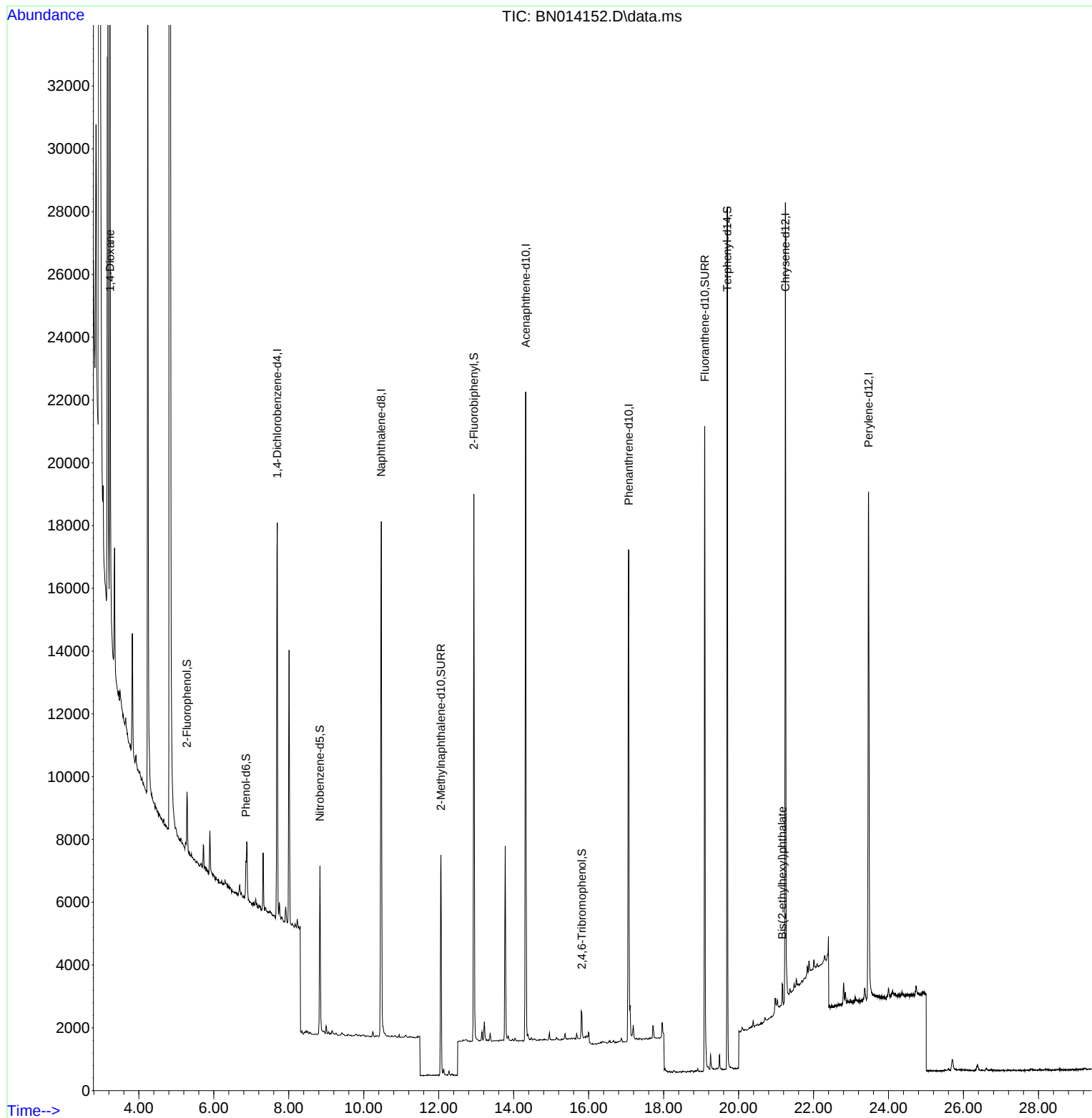
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6034	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	22143	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	11842	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	23608	0.40	ng	0.00
29) Chrysene-d12	21.250	240	22910	0.40	ng	0.00
36) Perylene-d12	23.465	264	22094	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1447	0.09	ng	0.00
5) Phenol-d6	6.855	99	972	0.05	ng	0.00
8) Nitrobenzene-d5	8.832	82	4245	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.058	152	9604	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	743	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	14571	0.33	ng	0.00
27) Fluoranthene-d10	19.099	212	24004	0.39	ng	0.00
31) Terphenyl-d14	19.700	244	27365	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	14258	1.84	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.165	149	906	0.05	ng	# 93

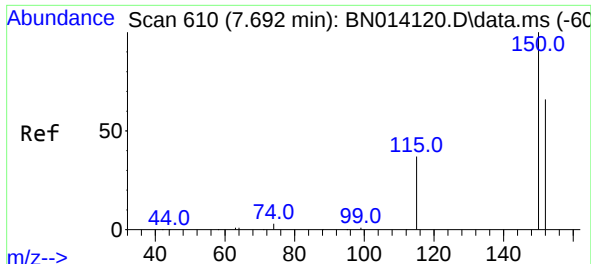
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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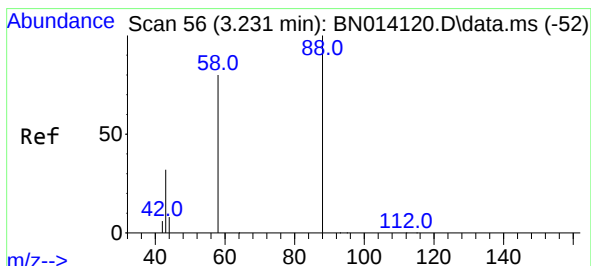
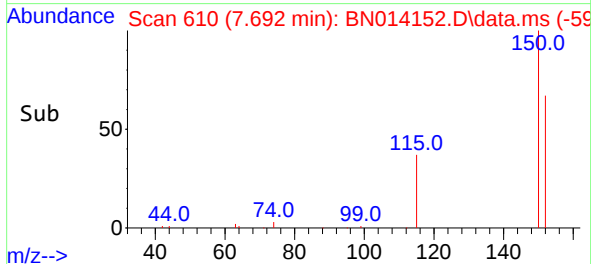
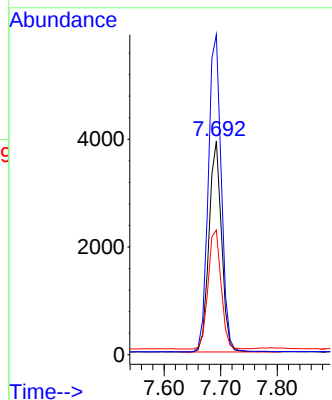
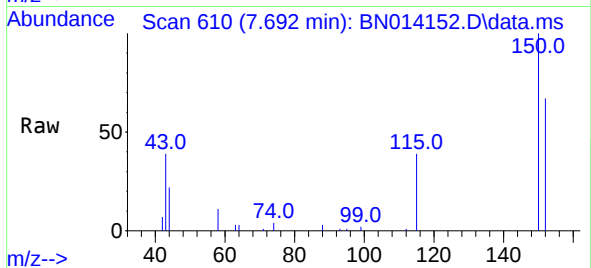




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

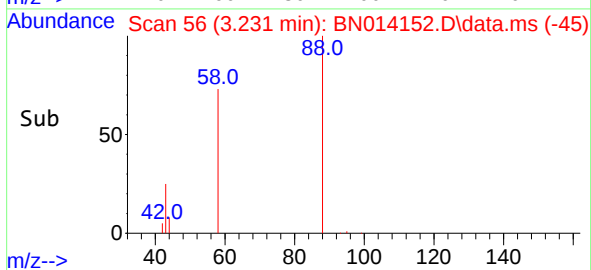
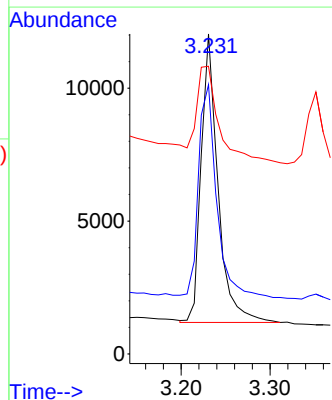
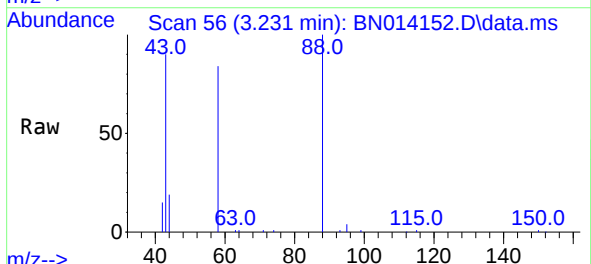
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210323

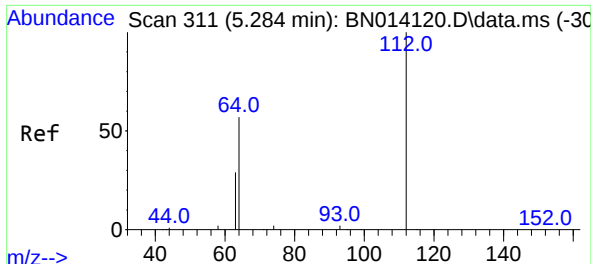
Tgt Ion:152 Resp: 6034
Ion Ratio Lower Upper
152 100
150 149.7 121.2 181.8
115 58.3 46.2 69.2



#2
1,4-Dioxane
Concen: 1.84 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.008 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion: 88 Resp: 14258
Ion Ratio Lower Upper
88 100
58 79.6 63.1 94.7
43 44.3 26.2 39.2#



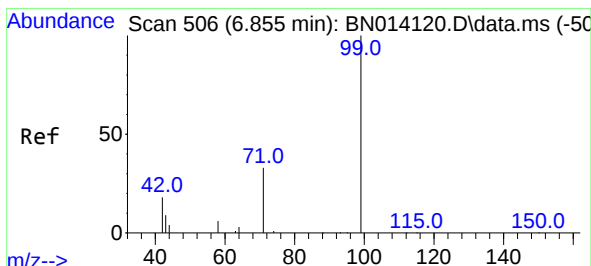
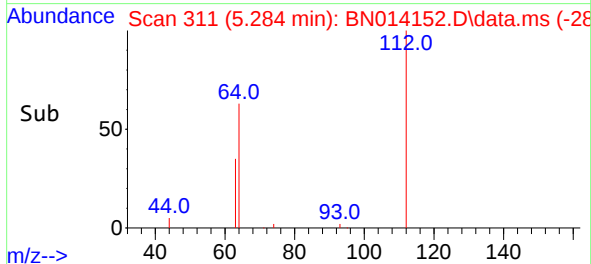
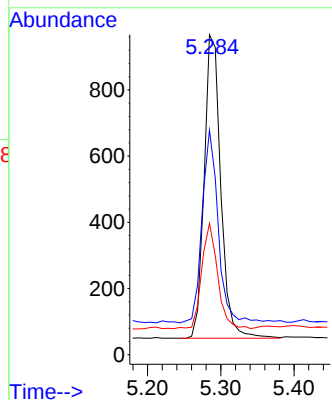
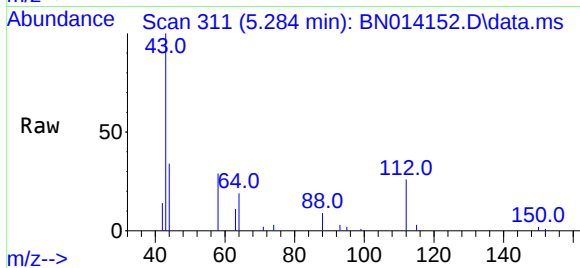


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Instrument :
BNA_N
ClientSampleId :
RE109D1-20210323

Tgt Ion:112 Resp: 1447

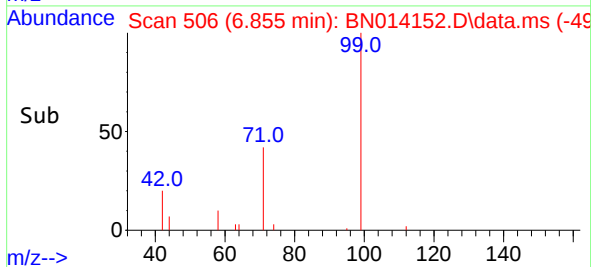
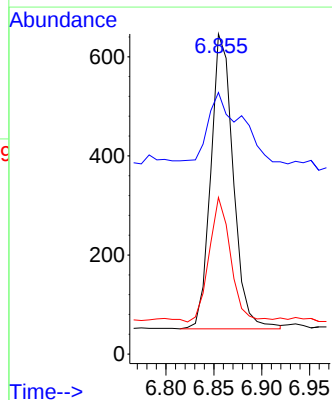
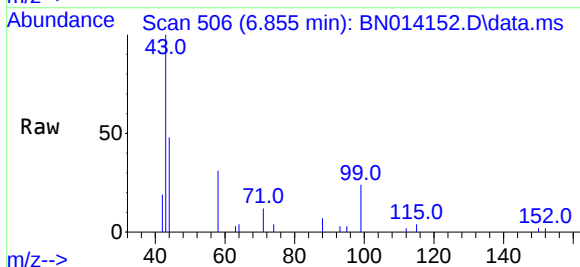
Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.3	72.5
63	33.4	25.4	38.0

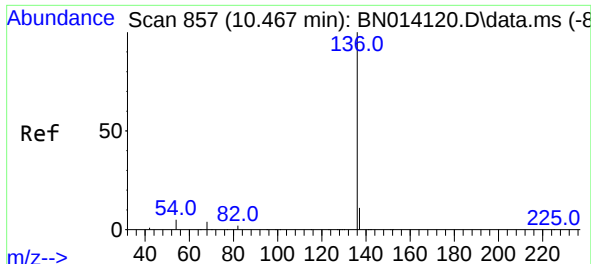


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion: 99 Resp: 972

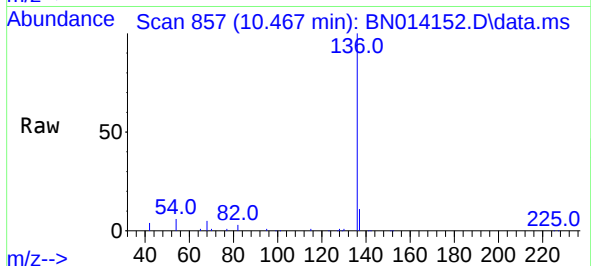
Ion	Ratio	Lower	Upper
99	100		
42	36.1	18.2	27.4#
71	40.7	26.7	40.1#



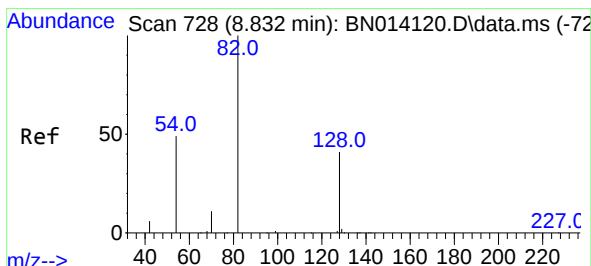
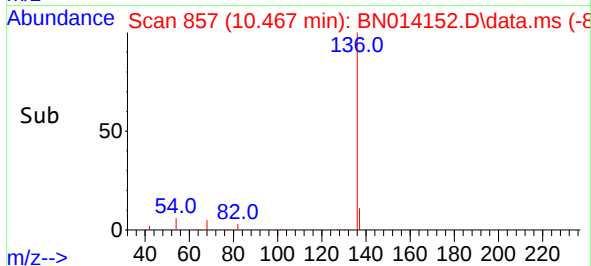
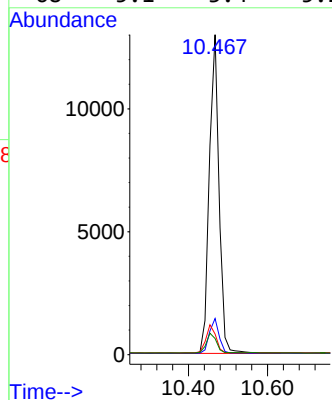


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Instrument :
BNA_N
ClientSampleId :
RE109D1-20210323

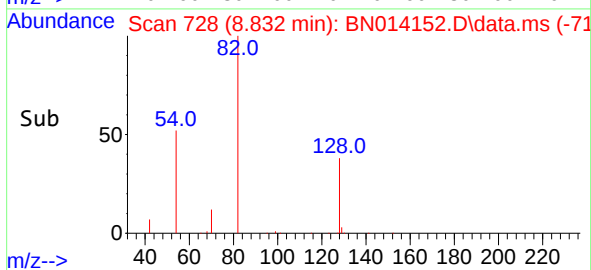
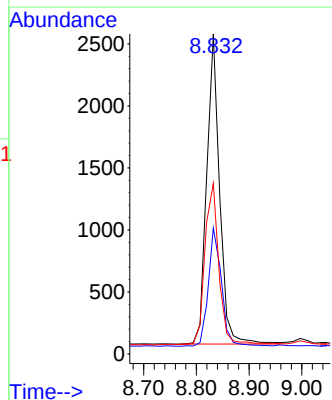
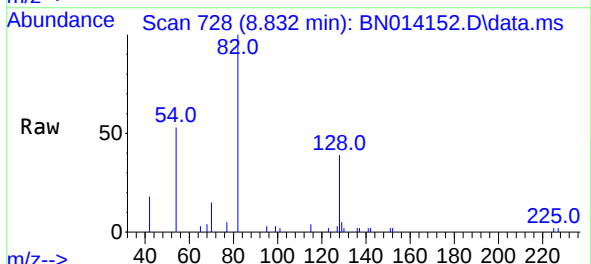


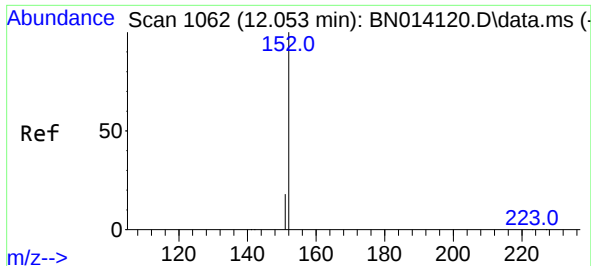
Tgt Ion:	136	Resp:	22143
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.5	4.3	6.5
68	5.1	3.4	5.2



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion:	82	Resp:	4245
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.5	50.3
54	53.3	40.3	60.5

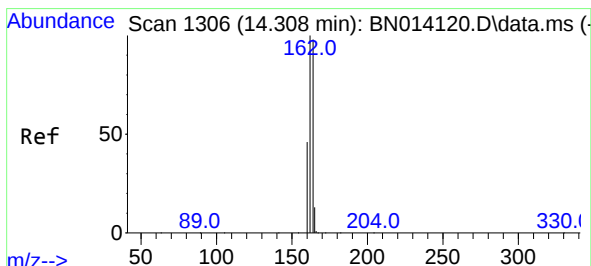
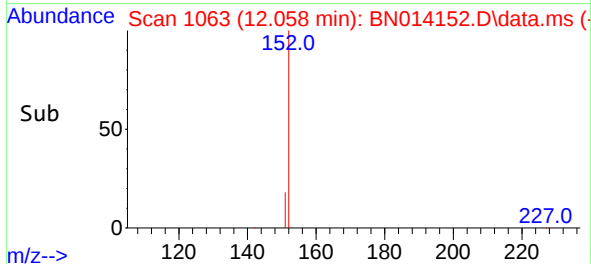
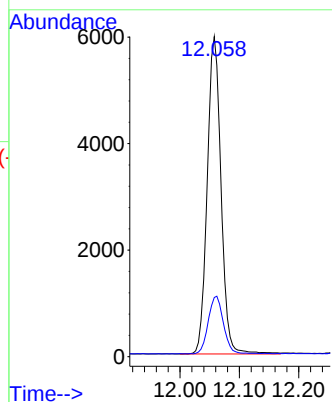
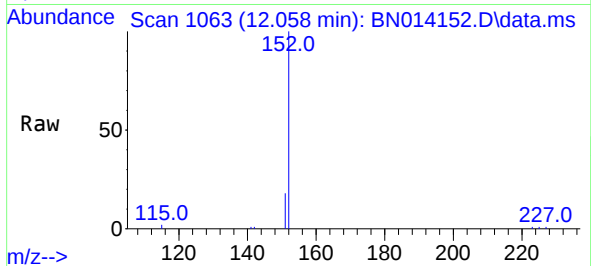




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.058 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

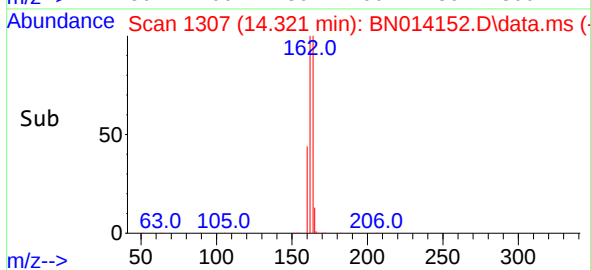
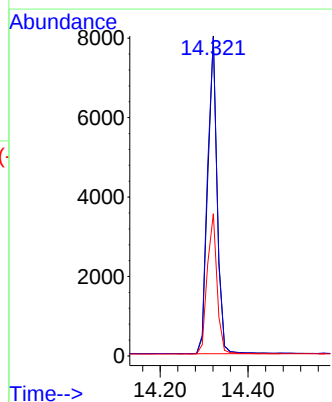
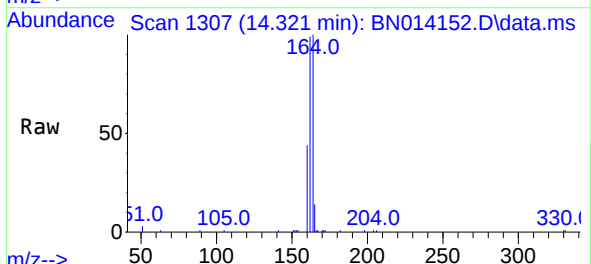
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210323

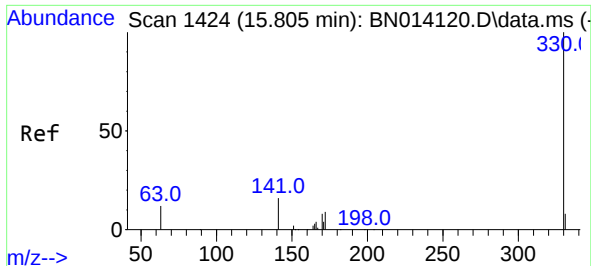
Tgt Ion:152 Resp: 9604
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion:164 Resp: 11842
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.2
160 44.5 37.5 56.3

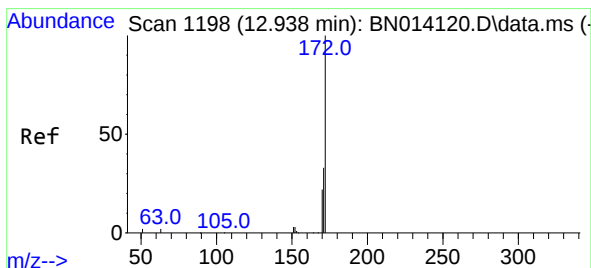
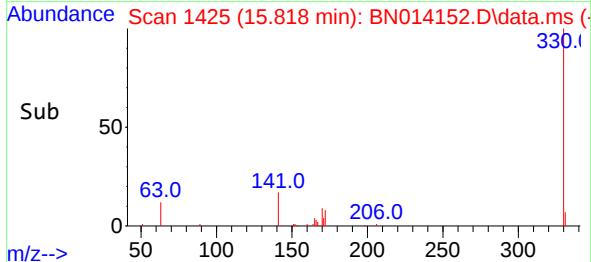
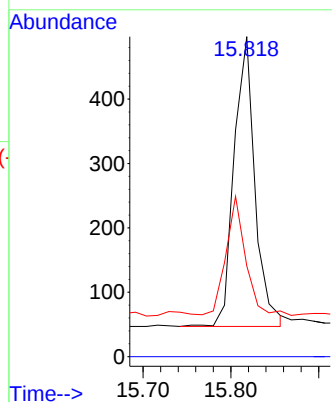
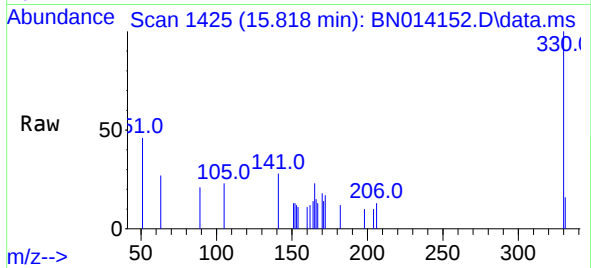




#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

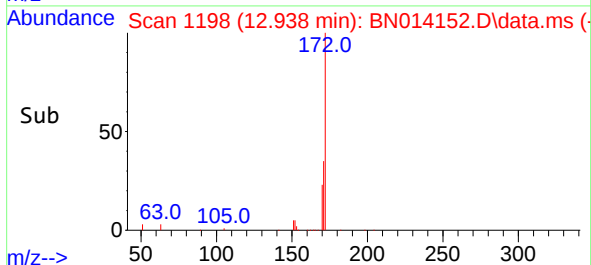
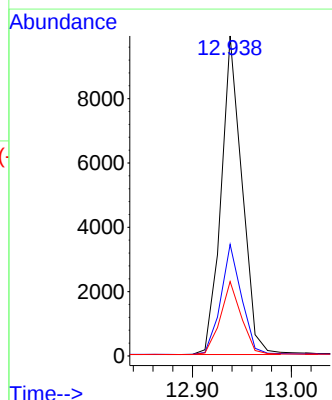
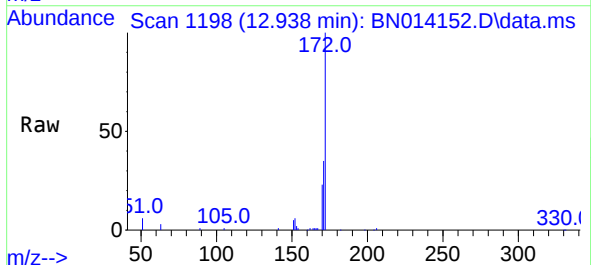
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ClientSampleId :
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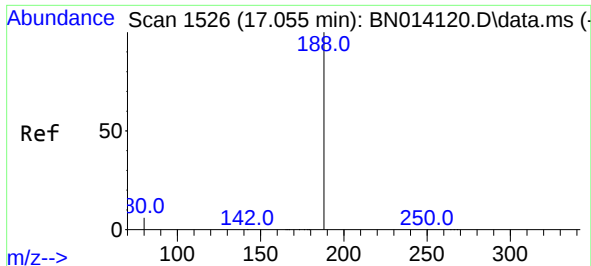
Tgt Ion: 330 Resp: 743
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion: 172 Resp: 14571
Ion Ratio Lower Upper
172 100
171 34.8 26.9 40.3
170 23.3 17.8 26.8

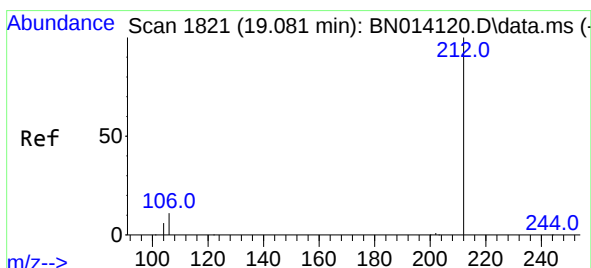
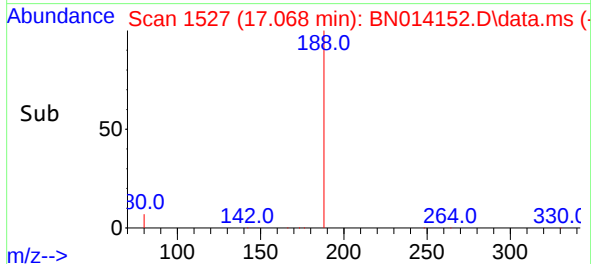
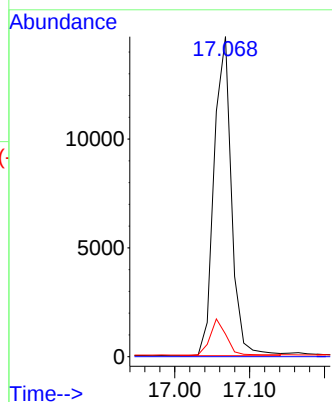
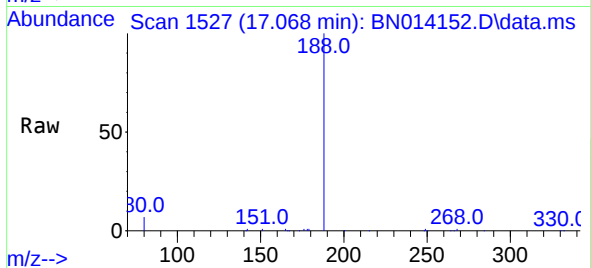




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

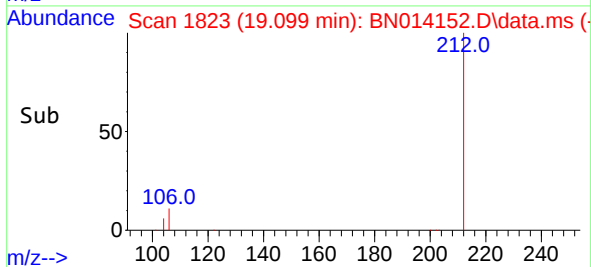
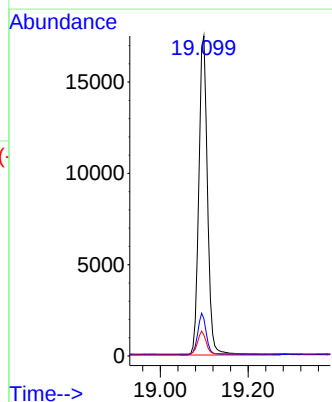
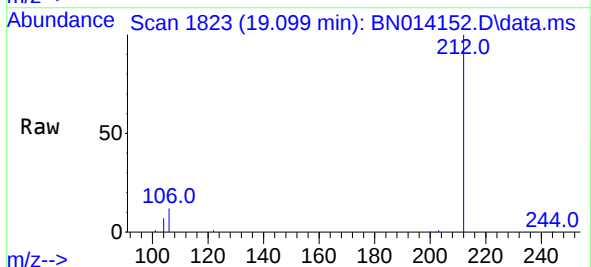
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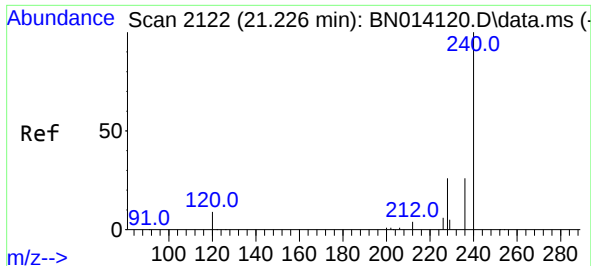
Tgt Ion:188 Resp: 23608
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 5.2 7.8



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion:212 Resp: 24004
Ion Ratio Lower Upper
212 100
106 12.5 10.1 15.1
104 7.0 5.5 8.3

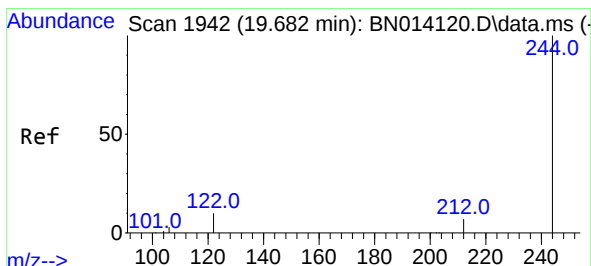
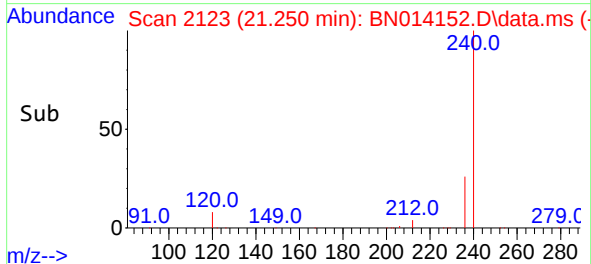
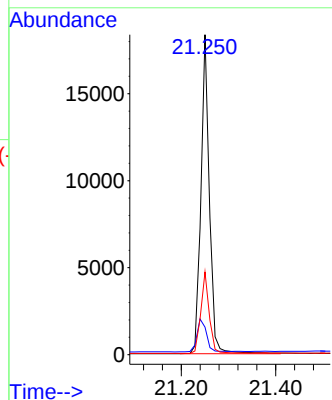
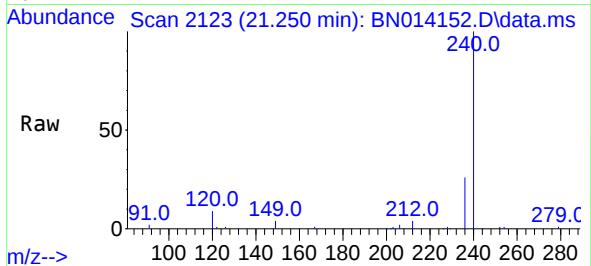




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

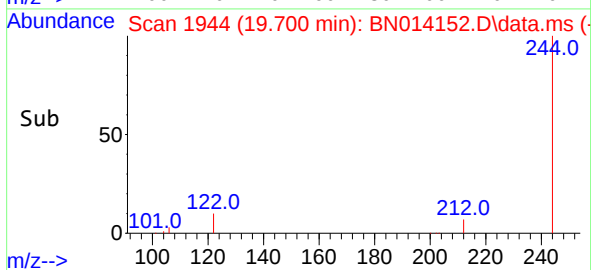
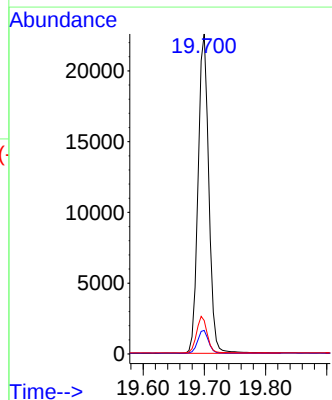
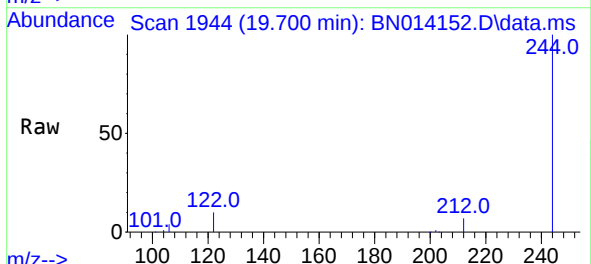
Instrument :
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RE109D1-20210323

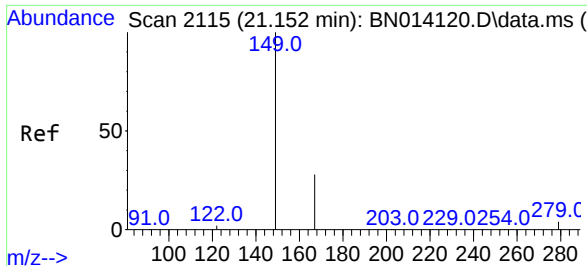
Tgt Ion:240 Resp: 22910
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 25.8 21.0 31.6



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion:244 Resp: 27365
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.5 8.6 13.0

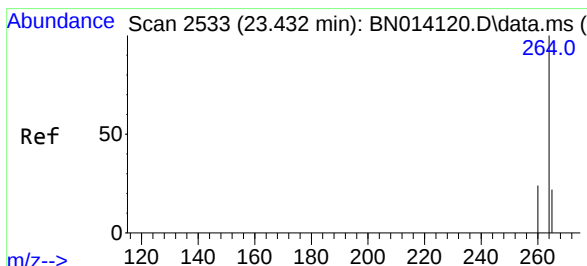
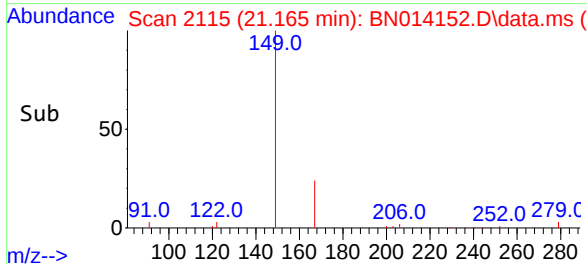
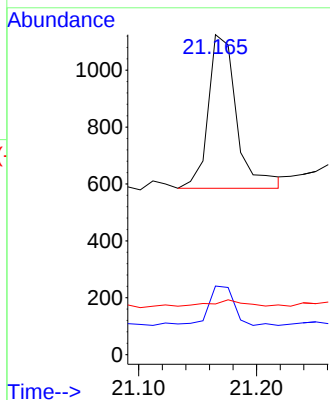
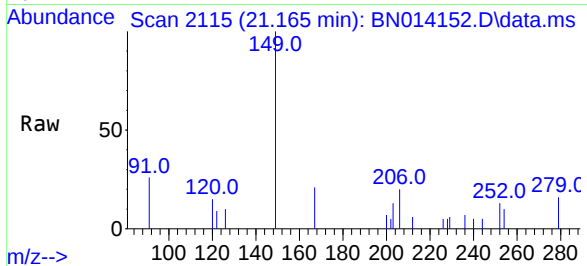




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Instrument :
BNA_N
ClientSampleId :
RE109D1-20210323

Tgt Ion:149 Resp: 906
Ion Ratio Lower Upper
149 100
167 23.4 21.4 32.2
279 8.4 3.5 5.3#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.465 min Scan# 2541
Delta R.T. -0.001 min
Lab File: BN014152.D
Acq: 31 Mar 2021 20:41

Tgt Ion:264 Resp: 22094
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.8
265 33.0 30.7 46.1

