

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014151.D
 Acq On : 31 Mar 2021 20:05
 Operator : CG/JU
 Sample : M1842-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210323

Quant Time: Apr 01 01:25:09 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)

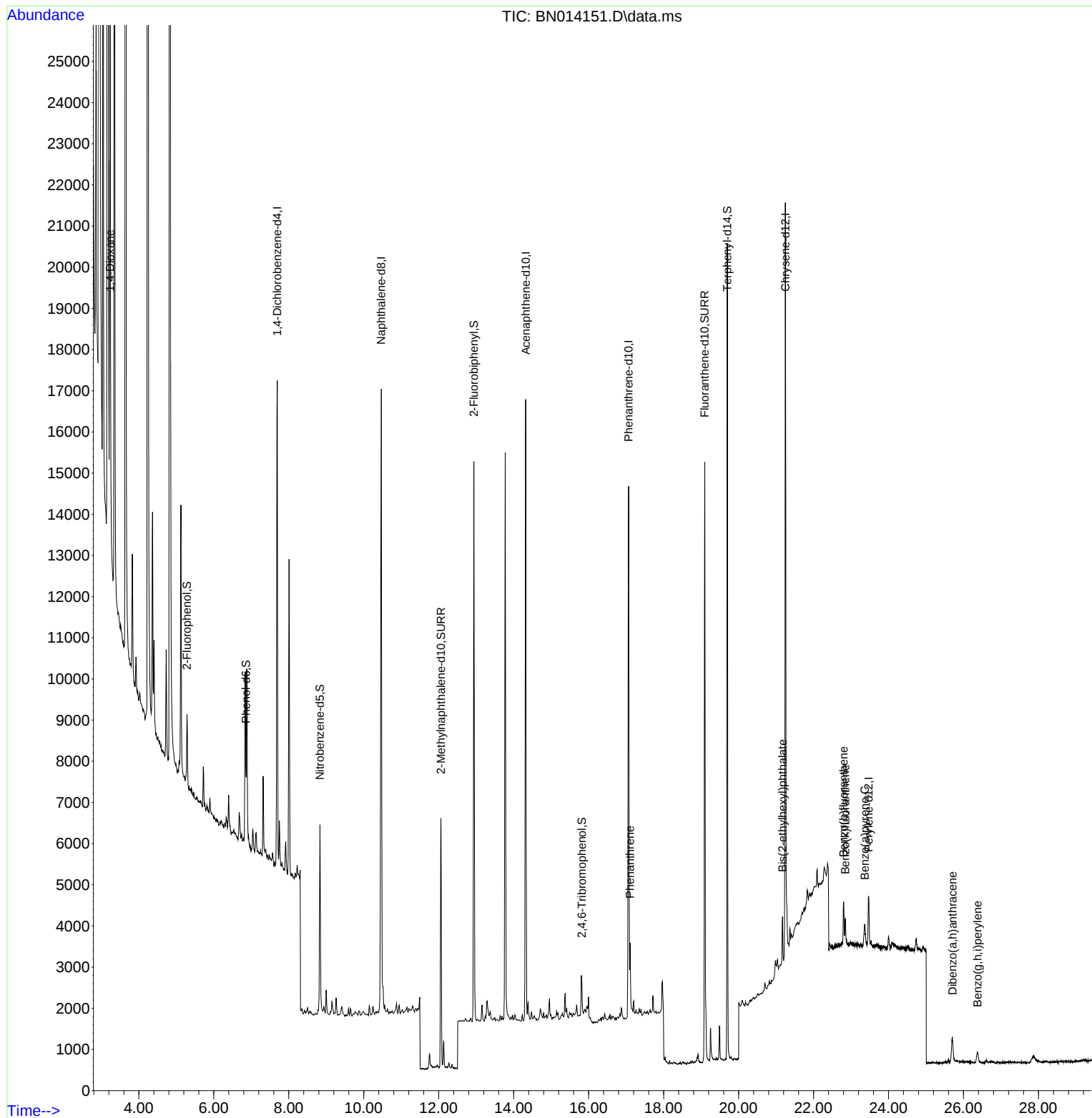
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5602	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20009	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	8539	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	19571	0.40	ng	0.00
29) Chrysene-d12	21.247	240	17051	0.40	ng	0.00
36) Perylene-d12	23.469	264	1642	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1261	0.09	ng	0.00
5) Phenol-d6	6.855	99	819	0.04	ng	0.00
8) Nitrobenzene-d5	8.832	82	3660	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	8118	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	760	0.28	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	11273	0.35	ng	0.00
27) Fluoranthene-d10	19.096	212	16625	0.32	ng	0.00
31) Terphenyl-d14	19.697	244	19954	0.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	17652	2.45	ng	# 96
25) Phenanthrene	17.104	178	1695	0.03	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.173	149	1280	0.09	ng	# 94
37) Benzo(b)fluoranthene	22.802	252	1087	0.19	ng	# 1
38) Benzo(k)fluoranthene	22.846	252	823	0.15	ng	# 1
39) Benzo(a)pyrene	23.367	252	389	0.08	ng	# 1
40) Dibenzo(a,h)anthracene	25.704	278	696	0.14	ng	# 1
41) Benzo(g,h,i)perylene	26.372	276	583	0.11	ng	# 41

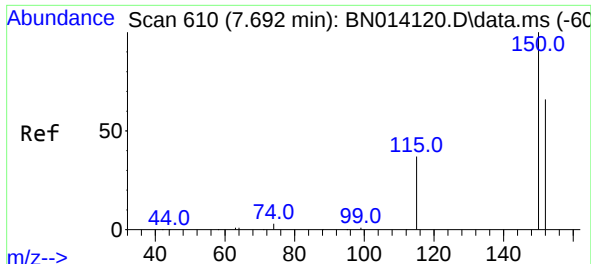
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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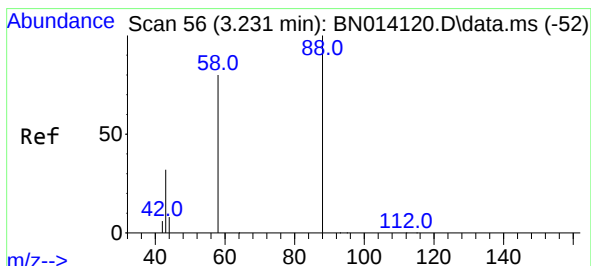
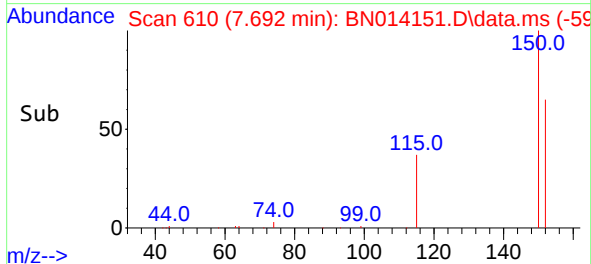
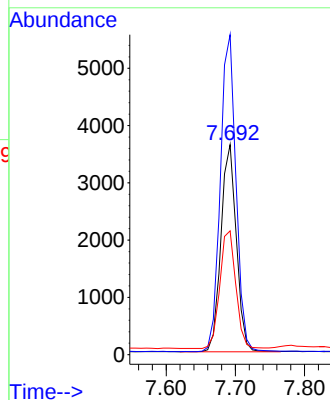
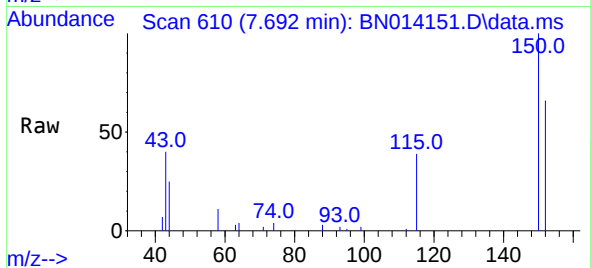




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

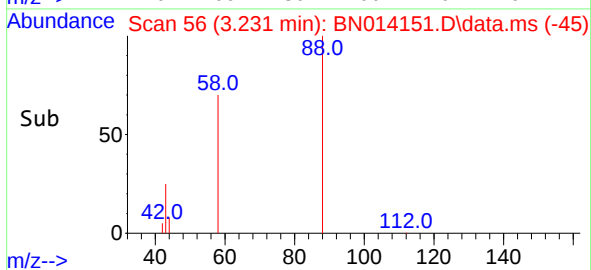
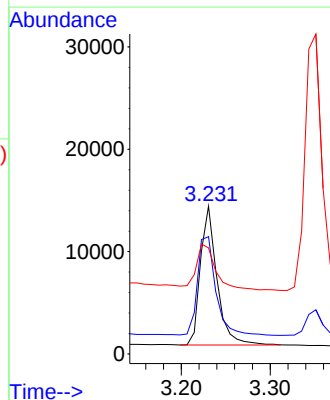
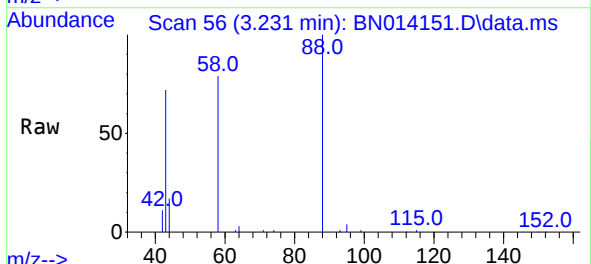
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

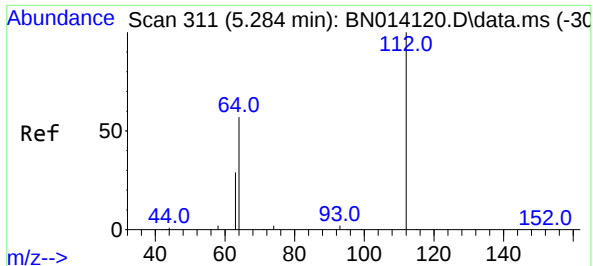
Tgt Ion:152 Resp: 5602
Ion Ratio Lower Upper
152 100
150 152.3 121.2 181.8
115 58.9 46.2 69.2



#2
1,4-Dioxane
Concen: 2.45 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.008 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion: 88 Resp: 17652
Ion Ratio Lower Upper
88 100
58 78.8 63.1 94.7
43 40.1 26.2 39.2#



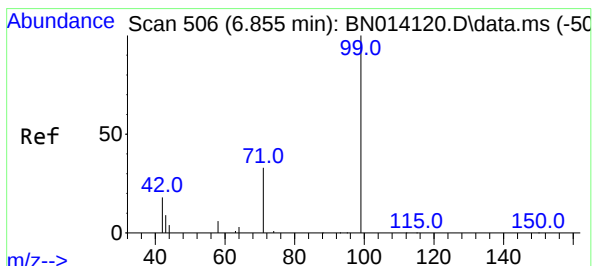
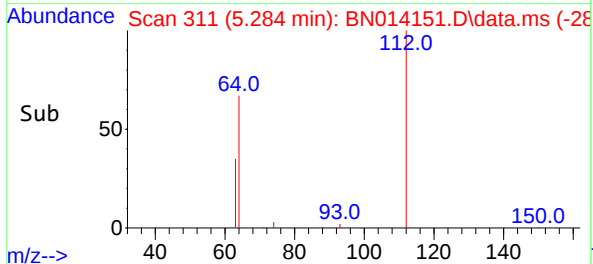
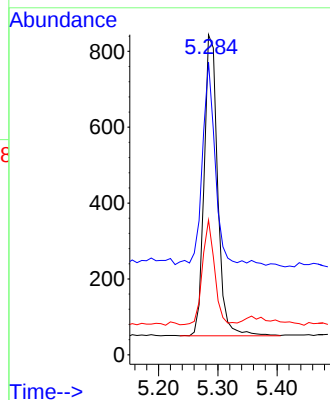
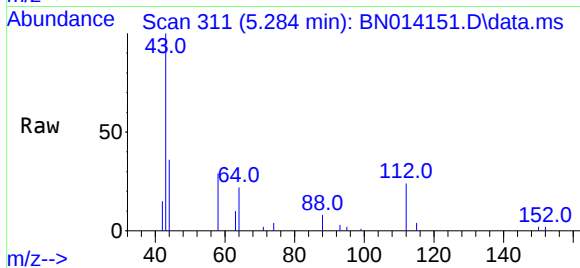


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

Tgt Ion: 112 Resp: 1261

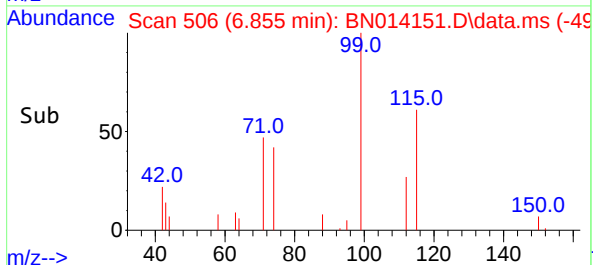
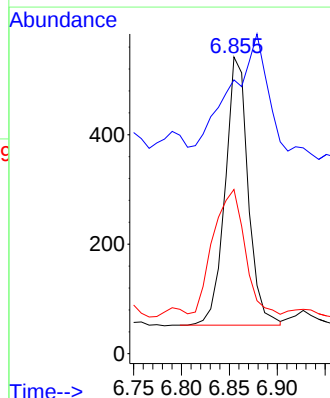
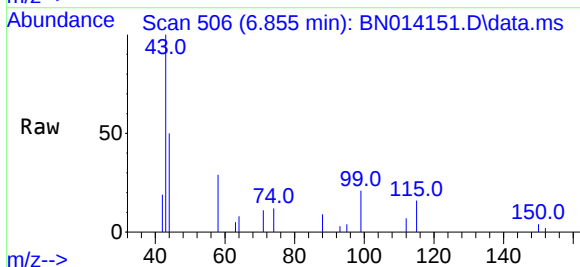
Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.3	72.5
63	31.6	25.4	38.0

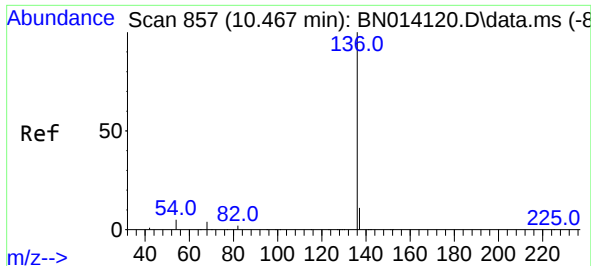


#5
Phenol-d6
Concen: 0.04 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion: 99 Resp: 819

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.2	27.4#
71	65.2	26.7	40.1#

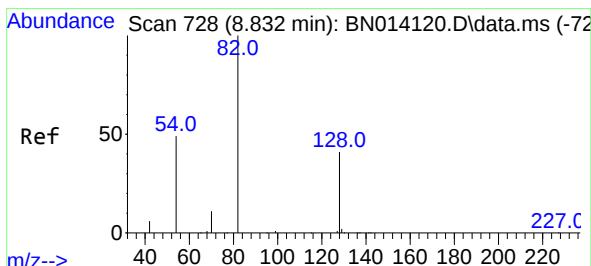
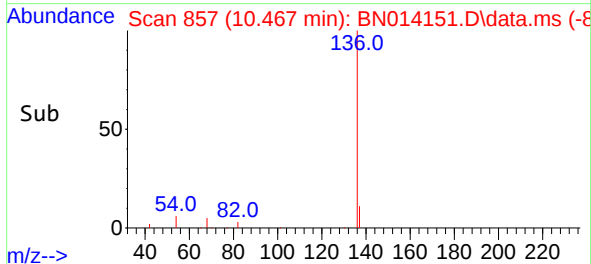
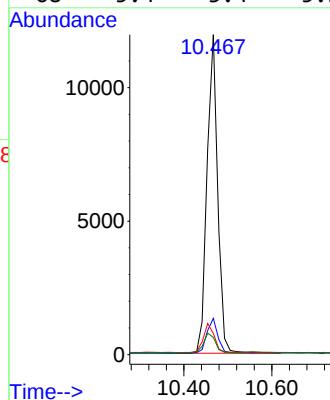
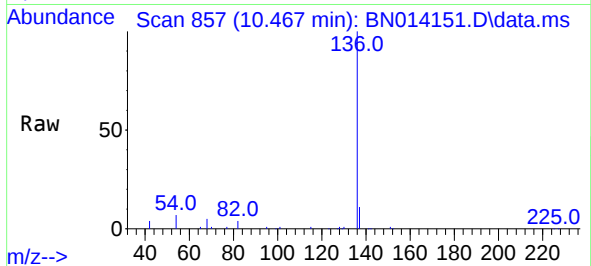




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

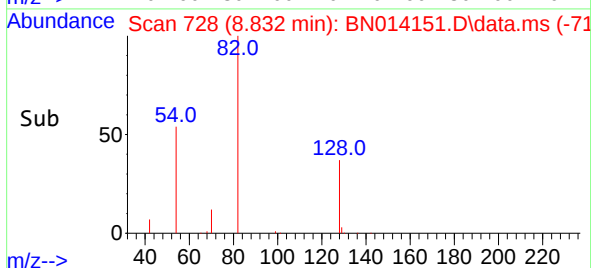
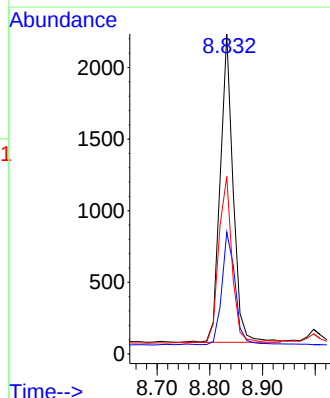
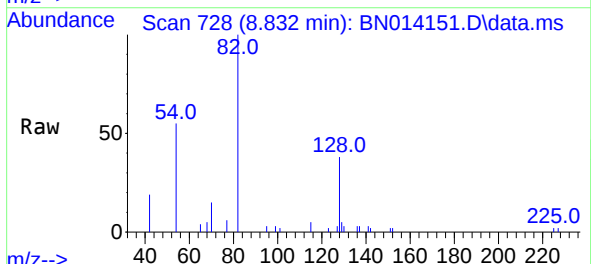
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

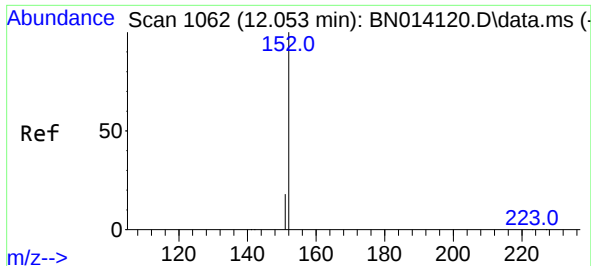
Tgt Ion:	136	Resp:	20009
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.7	4.3	6.5#
68	5.4	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:	82	Resp:	3660
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.5	50.3
54	55.5	40.3	60.5

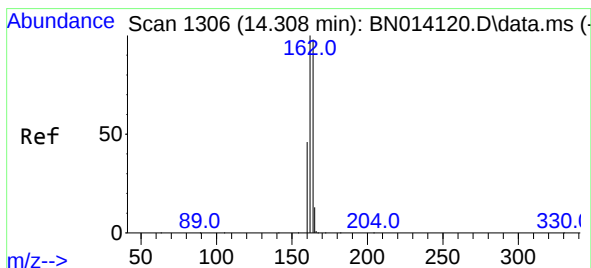
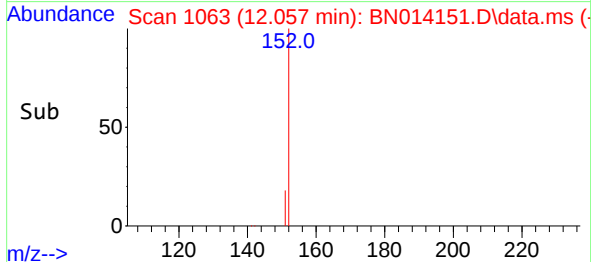
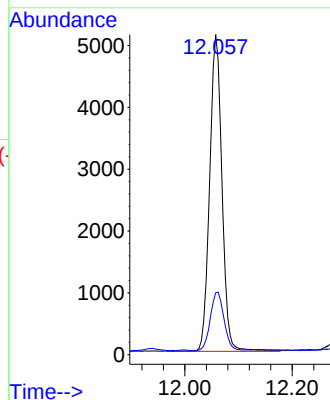
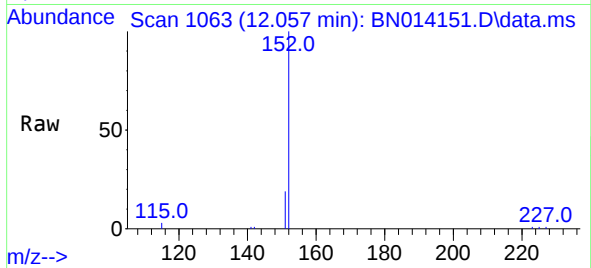




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

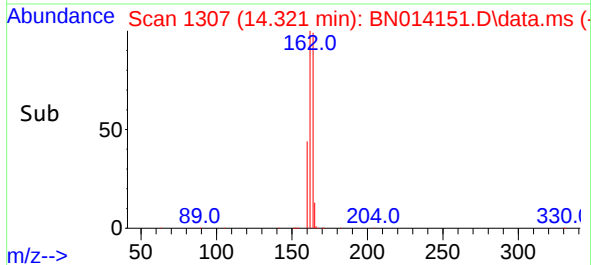
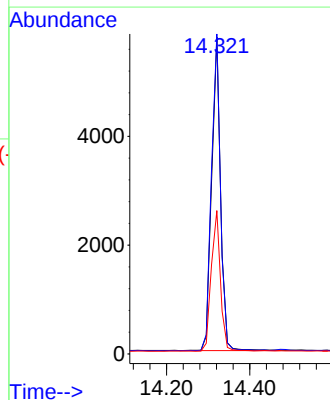
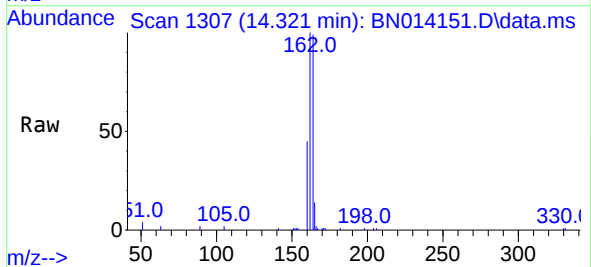
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

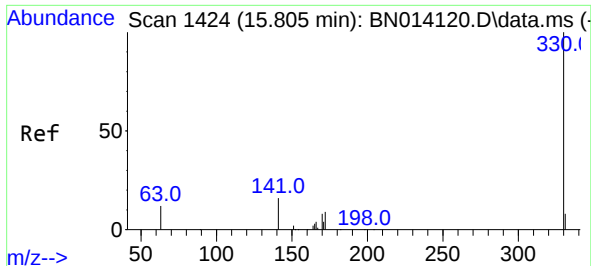
Tgt Ion:152 Resp: 8118
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:164 Resp: 8539
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.2
160 45.2 37.5 56.3

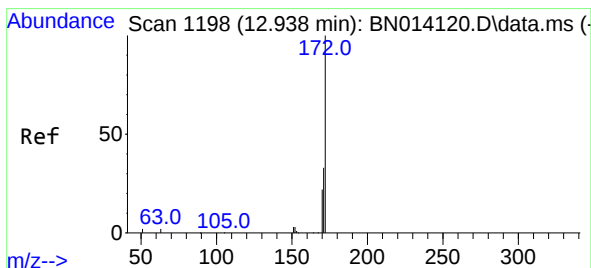
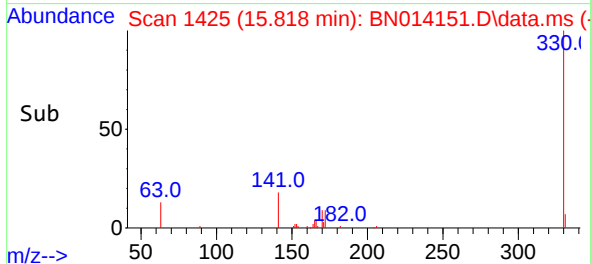
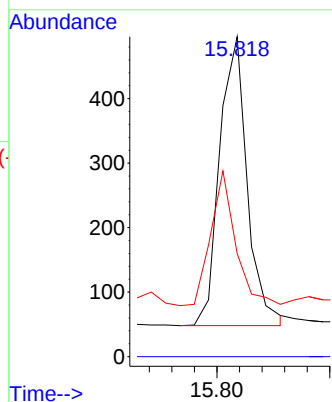
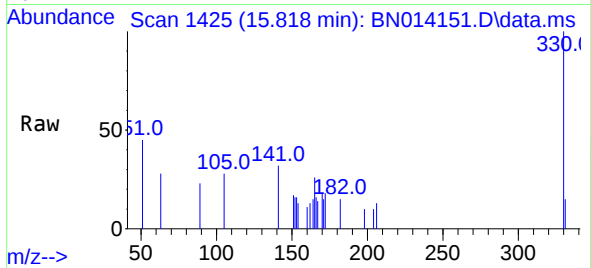




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

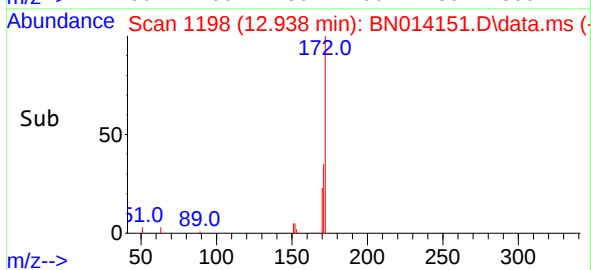
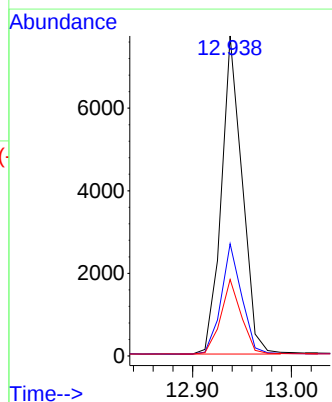
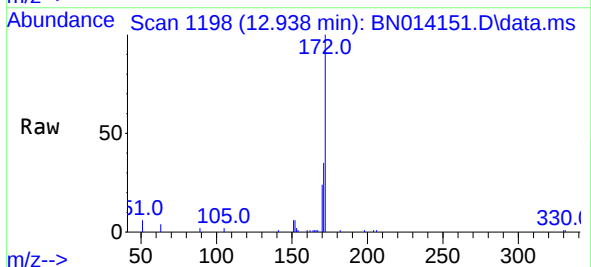
Instrument :
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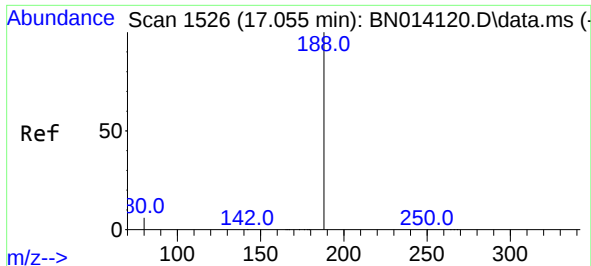
Tgt Ion:330 Resp: 760
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.0 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:172 Resp: 11273
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 23.9 17.8 26.8

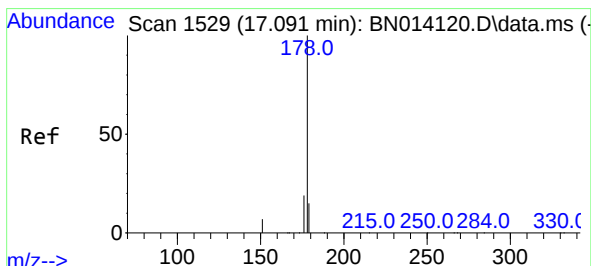
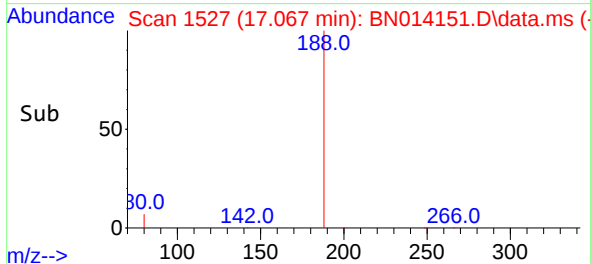
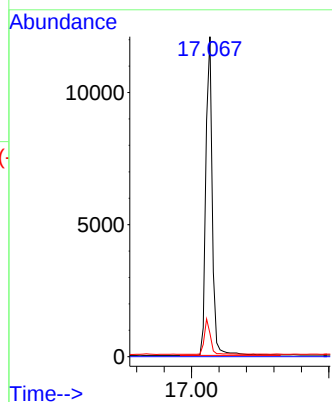
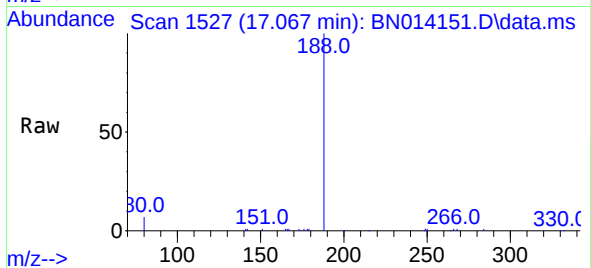




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

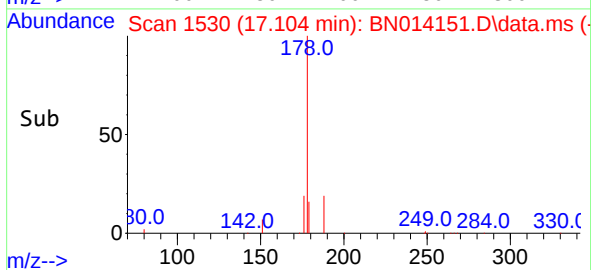
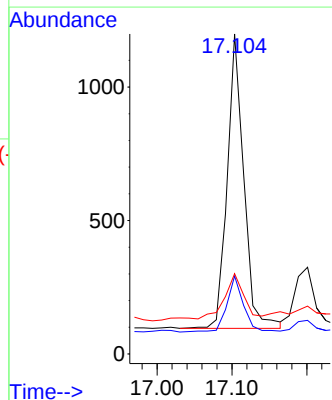
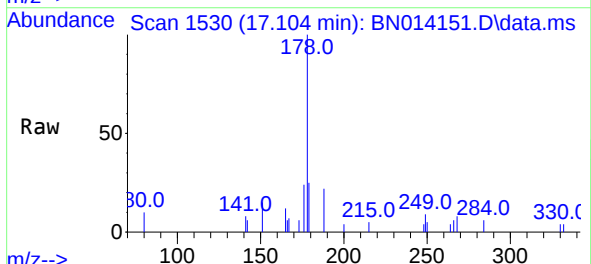
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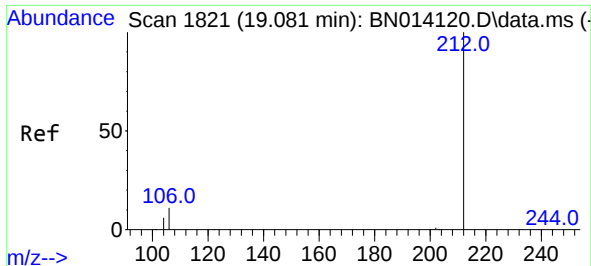
Tgt Ion:188	Resp:	19571
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.2	5.2



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:178	Resp:	1695
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.0
179	21.7	12.4



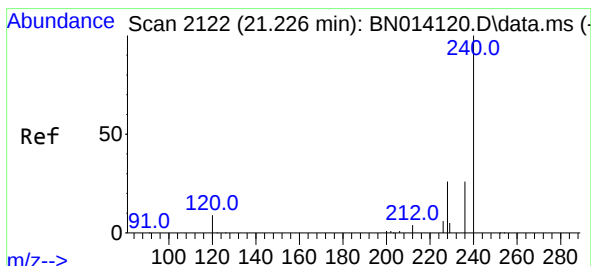
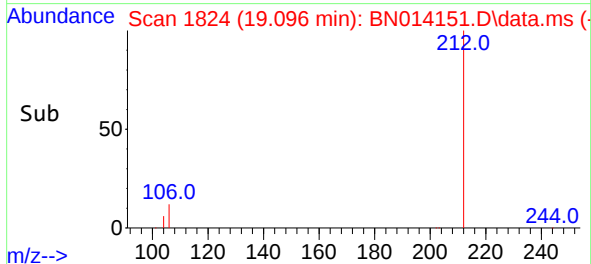
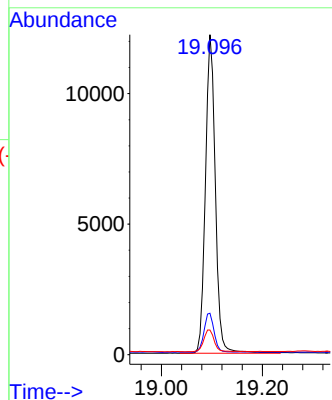
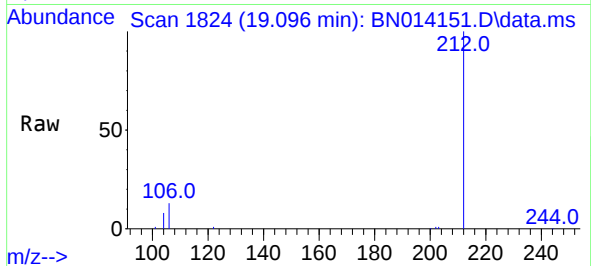


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

Tgt Ion:212 Resp: 16625

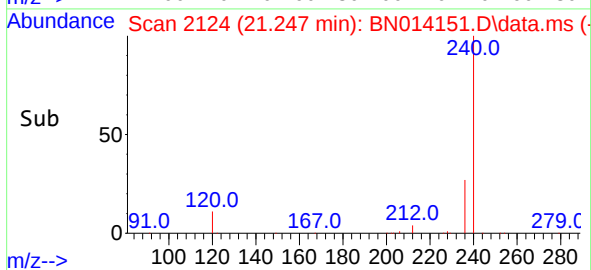
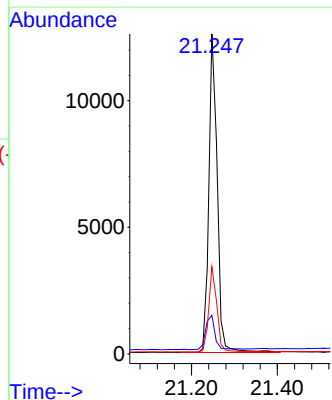
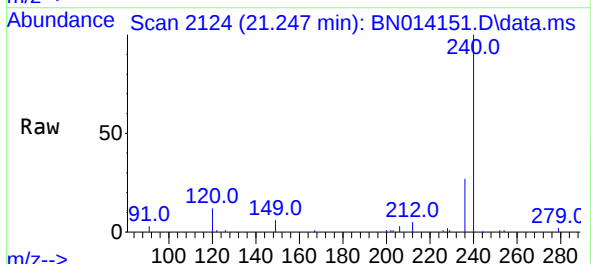
Ion	Ratio	Lower	Upper
212	100		
106	12.4	10.1	15.1
104	7.2	5.5	8.3

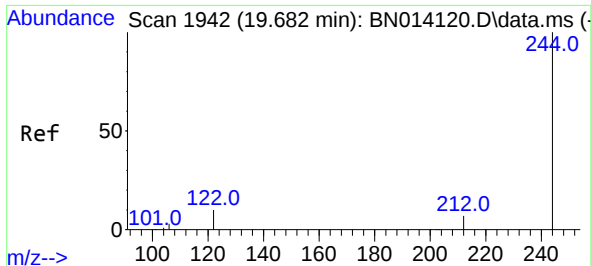


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:240 Resp: 17051

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.4	12.6
236	27.3	21.0	31.6

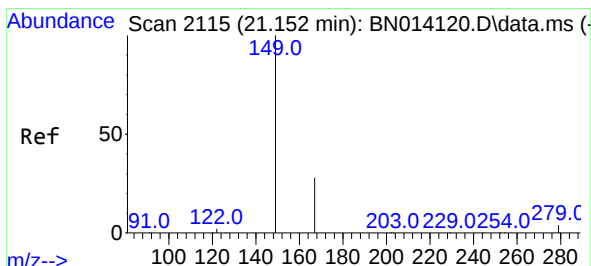
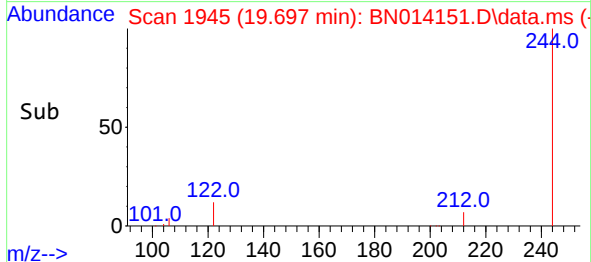
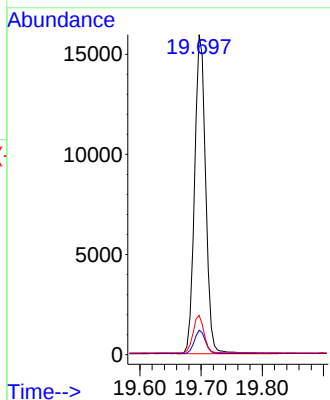
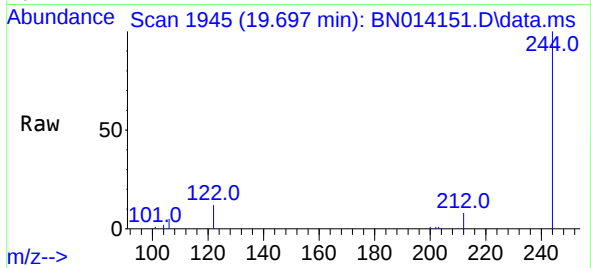




#31
 Terphenyl-d14
 Concen: 0.51 ng
 RT: 19.697 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: BN014151.D
 Acq: 31 Mar 2021 20:05

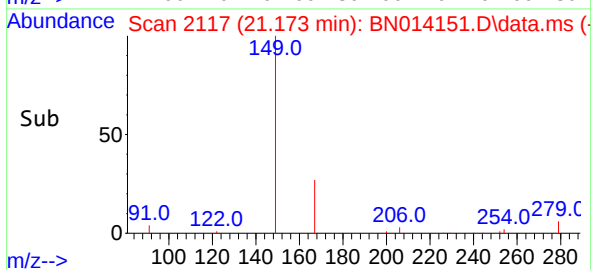
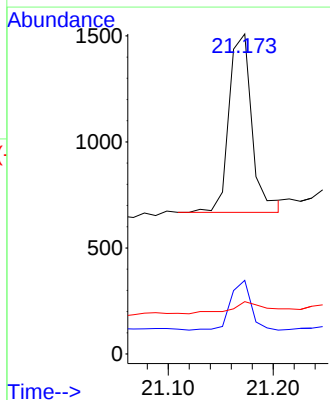
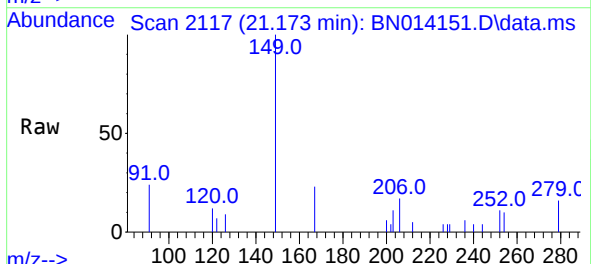
Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210323

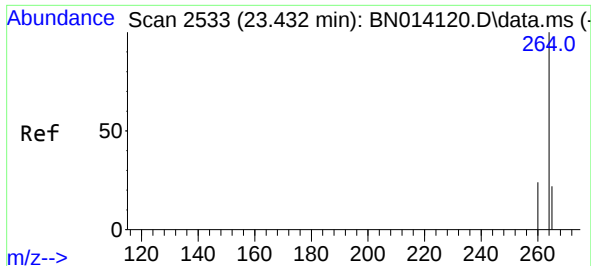
Tgt Ion:244	Resp:	19954
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.0 9.0
122	12.2	8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.173 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN014151.D
 Acq: 31 Mar 2021 20:05

Tgt Ion:149	Resp:	1280
Ion Ratio	Lower	Upper
149	100	
167	24.5	21.4 32.2
279	9.6	3.5 5.3#

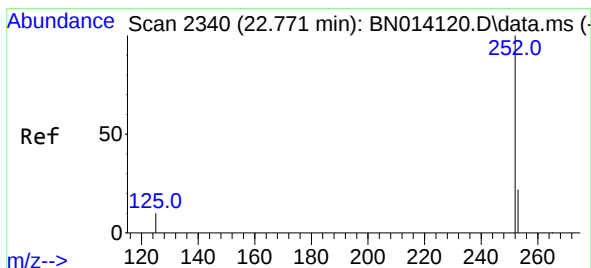
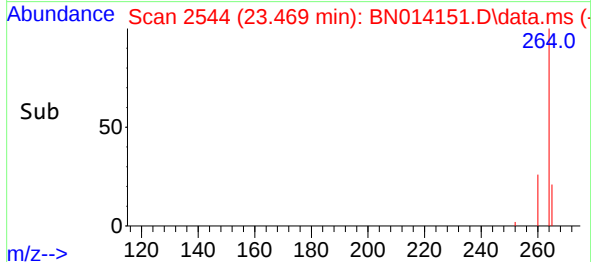
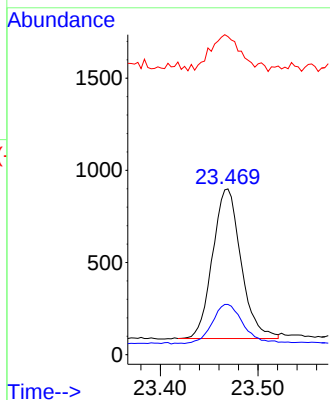
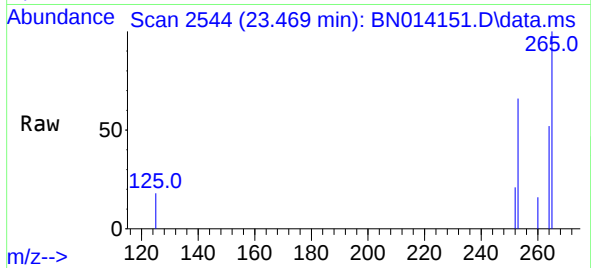




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.469 min Scan# 2544
Delta R.T. 0.003 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

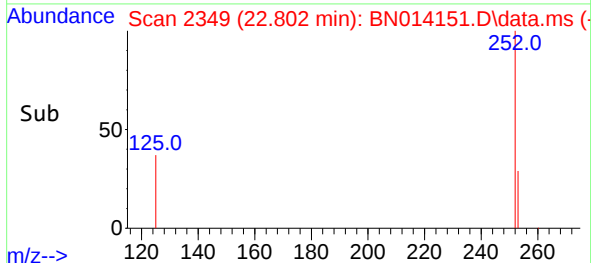
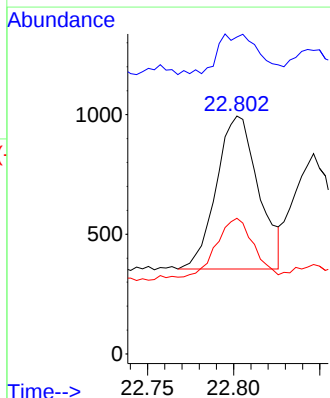
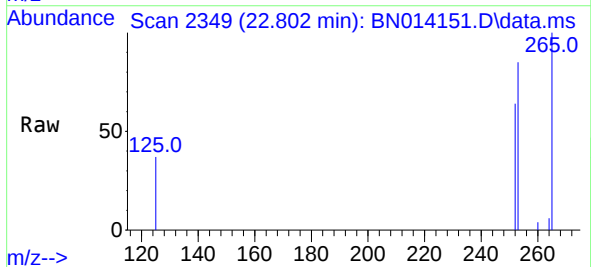
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

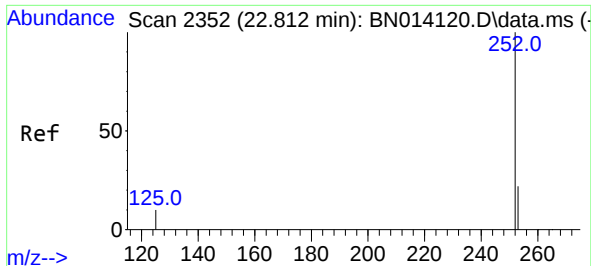
Tgt Ion:264 Resp: 1642
Ion Ratio Lower Upper
264 100
260 30.4 19.8 29.8#
265 192.0 30.7 46.1#



#37
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.802 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:252 Resp: 1087
Ion Ratio Lower Upper
252 100
253 133.2 20.6 30.8#
125 57.0 9.4 14.2#

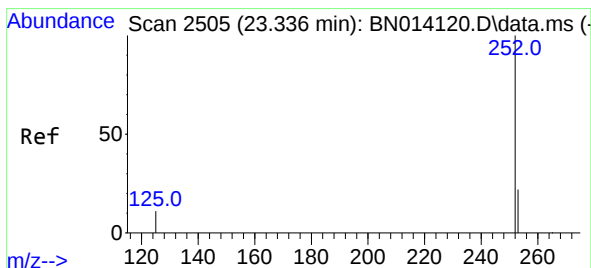
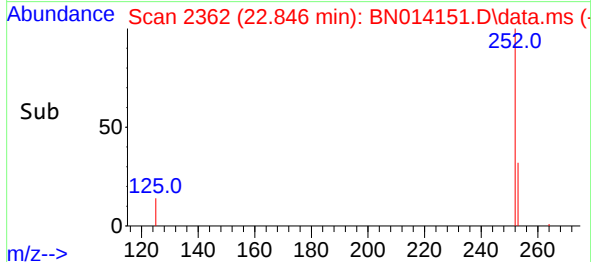
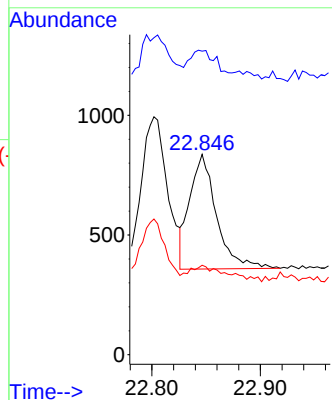
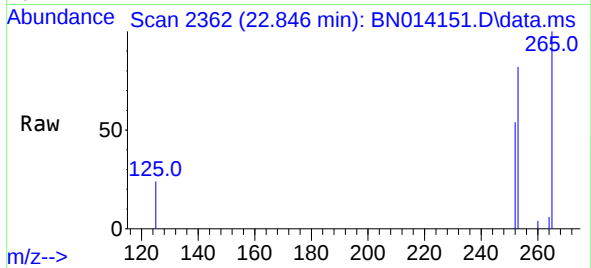




#38
Benzo(k)fluoranthene
Concen: 0.15 ng
RT: 22.846 min Scan# 2362
Delta R.T. 0.003 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

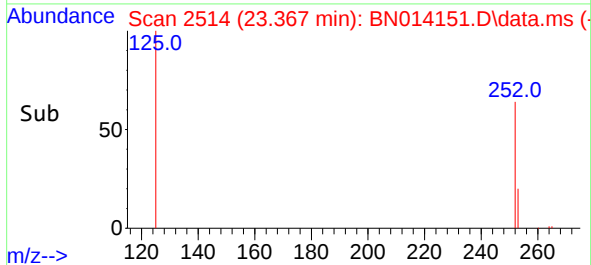
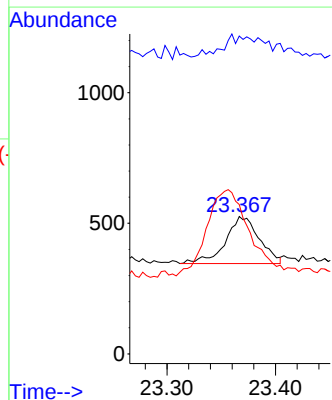
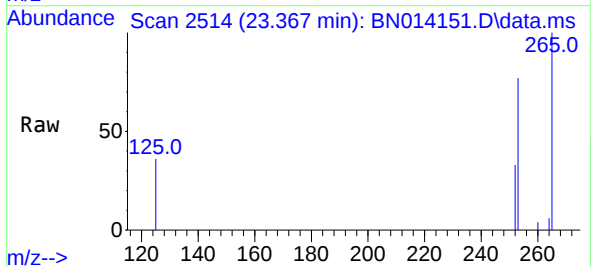
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

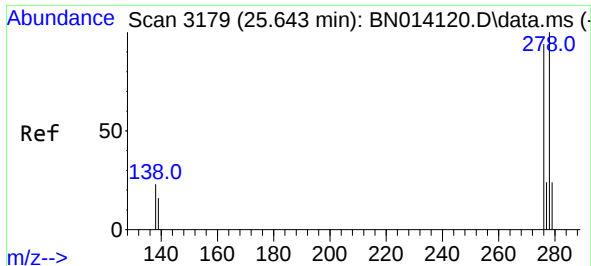
Tgt Ion:252 Resp: 823
Ion Ratio Lower Upper
252 100
253 151.5 20.6 30.8#
125 44.7 9.5 14.3#



#39
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.367 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:252 Resp: 389
Ion Ratio Lower Upper
252 100
253 231.4 21.9 32.9#
125 108.7 10.8 16.2#

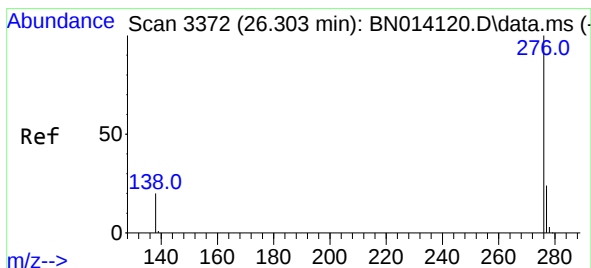
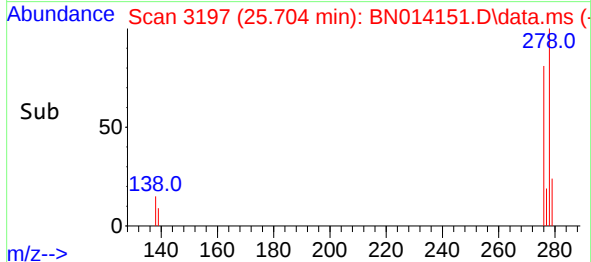
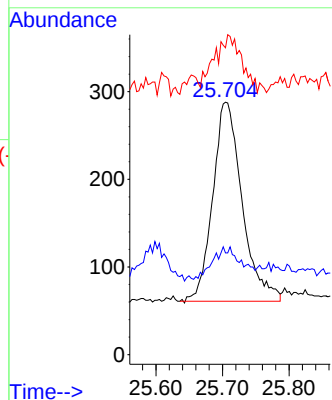
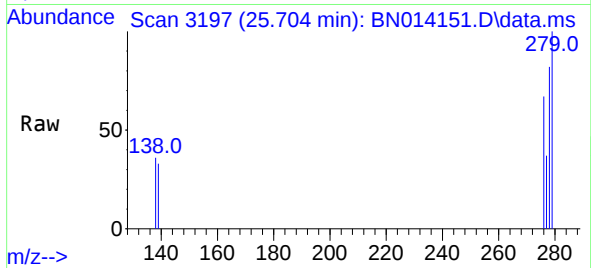




#40
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.704 min Scan# 3197
Delta R.T. 0.003 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

Tgt Ion:278 Resp: 696
Ion Ratio Lower Upper
278 100
139 40.3 13.4 20.0#
279 121.5 21.3 31.9#



#41
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 26.372 min Scan# 3392
Delta R.T. 0.003 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

Tgt Ion:276 Resp: 583
Ion Ratio Lower Upper
276 100
277 54.2 20.1 30.1#
138 49.2 17.0 25.4#

