

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)

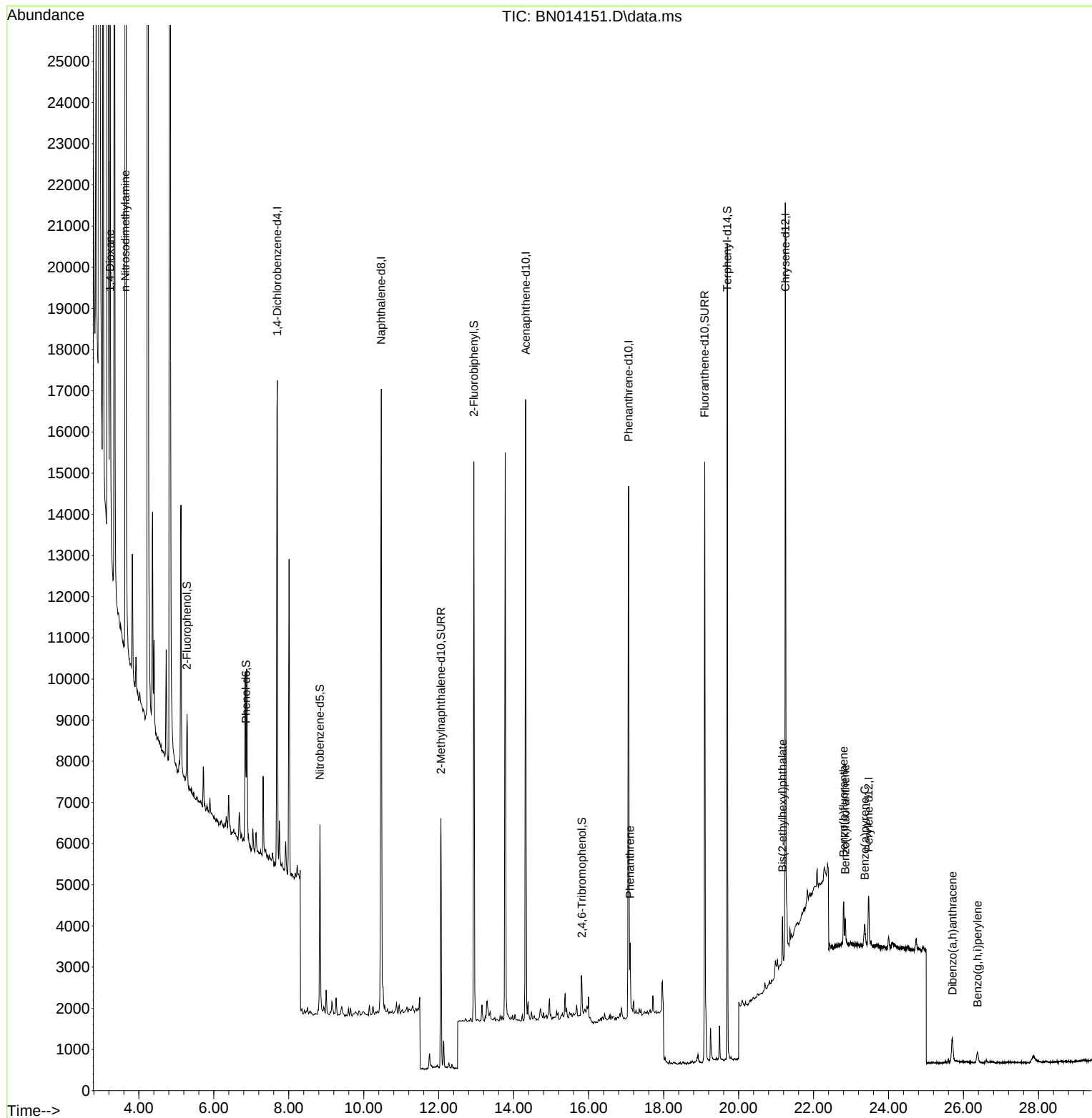
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5602	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20009	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	8539	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	19571	0.40	ng	0.00
29) Chrysene-d12	21.247	240	17051	0.40	ng	0.00
36) Perylene-d12	23.469	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
3) n-Nitrosodimethylamine	3.641	42	2059	0.37	ng	# 1
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

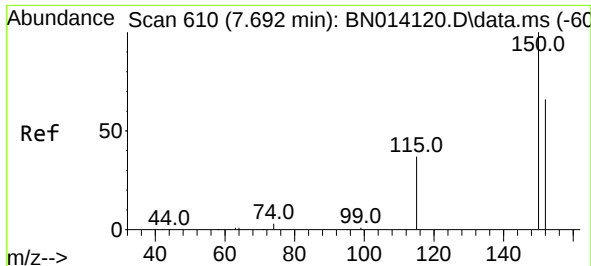
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

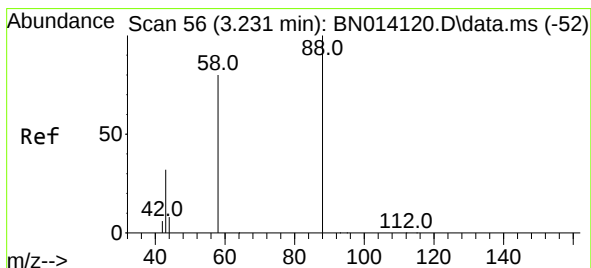
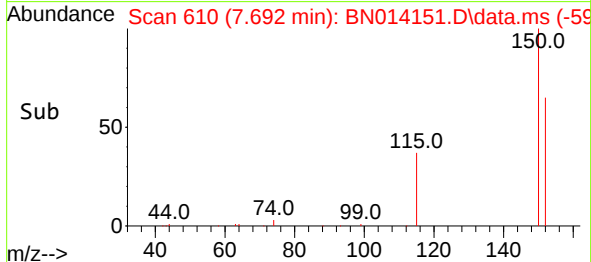
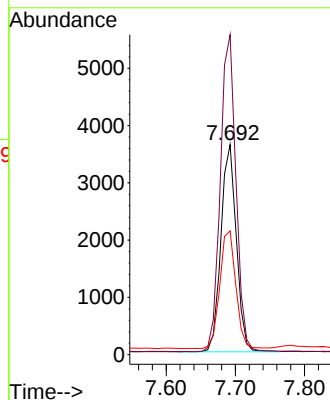
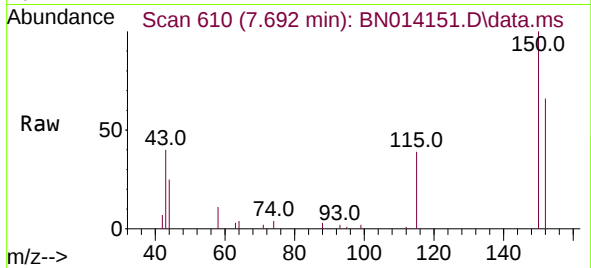




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014151.D
 Acq: 31 Mar 2021 20:05

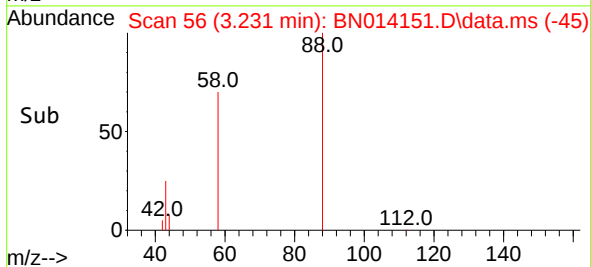
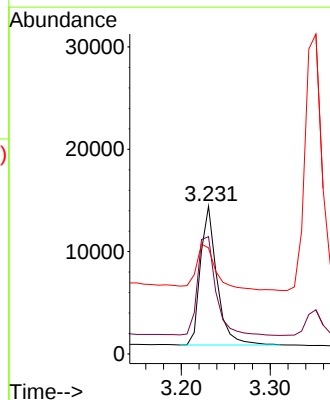
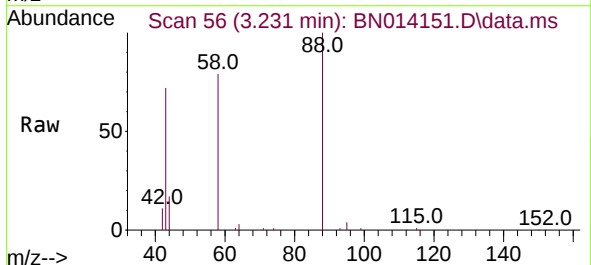
Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210323

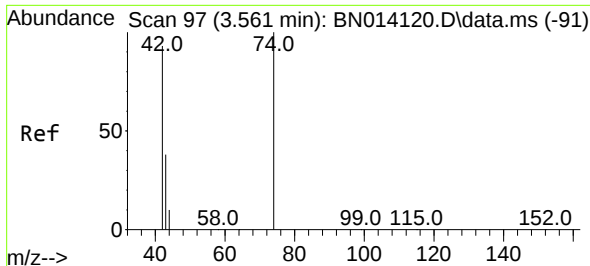
Tgt Ion:152 Resp: 5602
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.2 181.8
 115 58.9 46.2 69.2



#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#

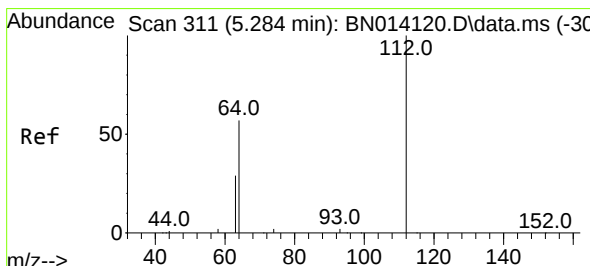
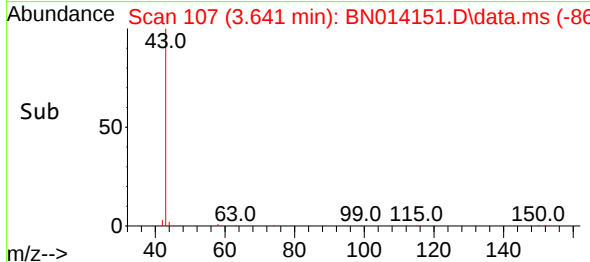
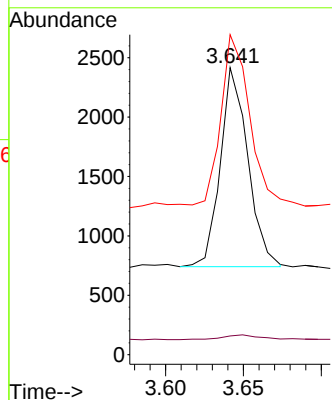
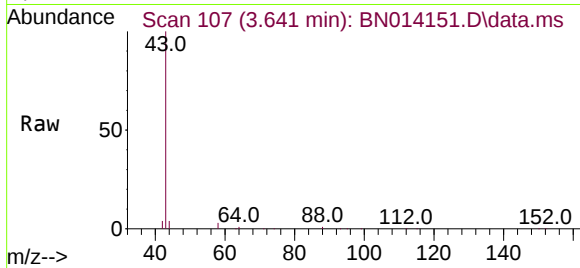




#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.072 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

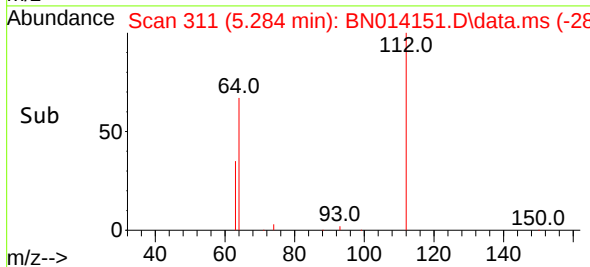
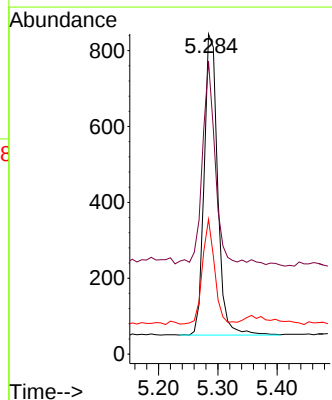
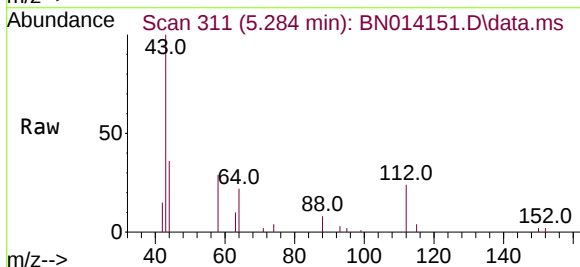
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

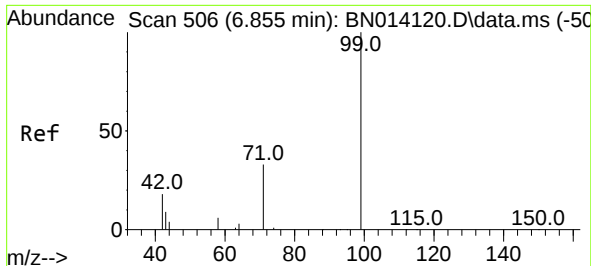
Tgt Ion: 42 Resp: 2059
Ion Ratio Lower Upper
42 100
74 3.3 94.6 141.8#
44 88.0 4.2 6.2#



#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

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

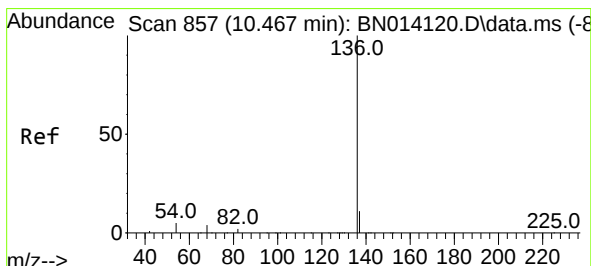
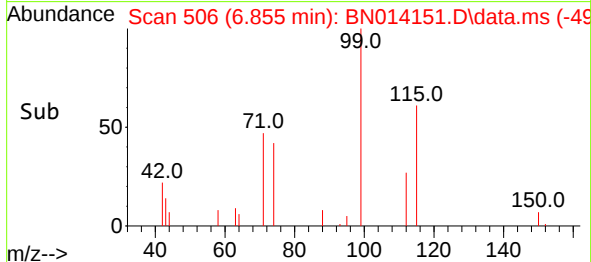
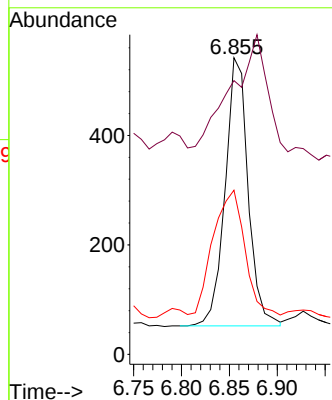
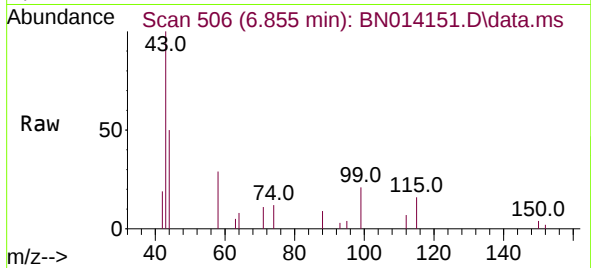




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

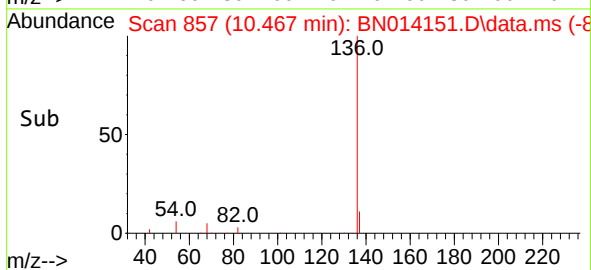
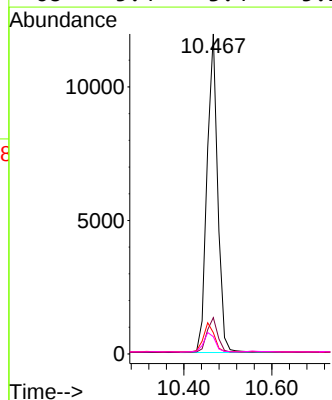
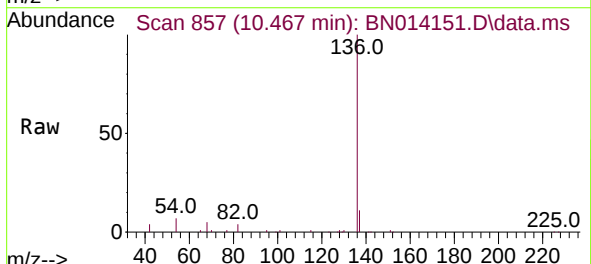
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

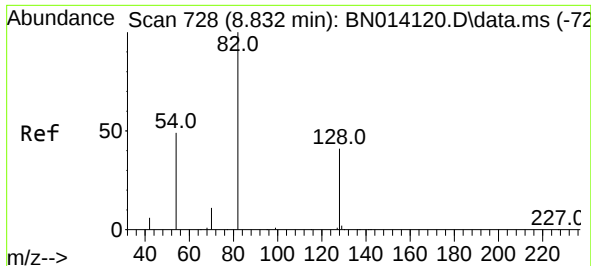
Tgt Ion: 99 Resp: 819
Ion Ratio Lower Upper
99 100
42 0.0 18.2 27.4#
71 65.2 26.7 40.1#



#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

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#

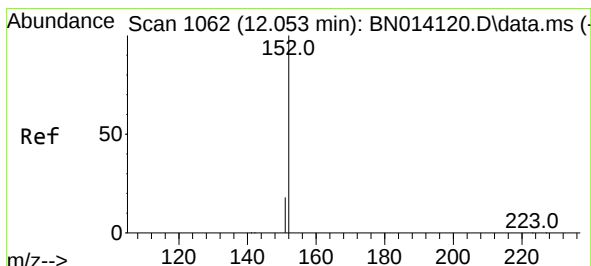
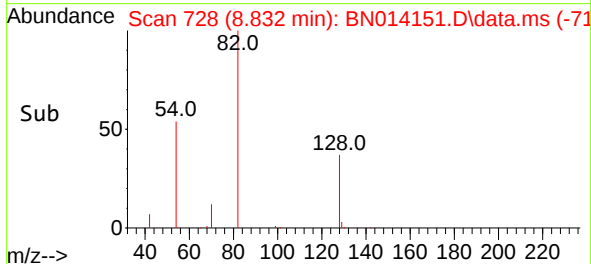
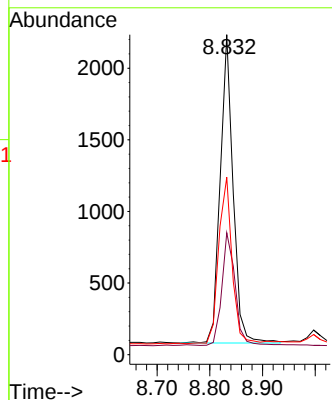
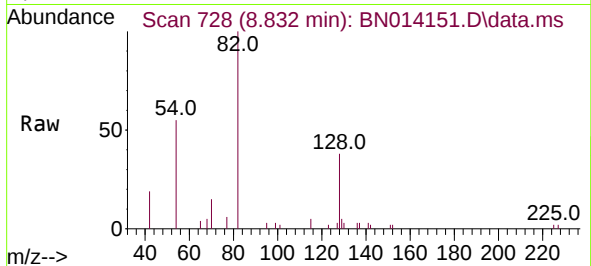




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

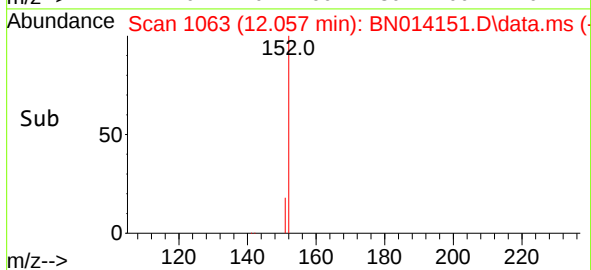
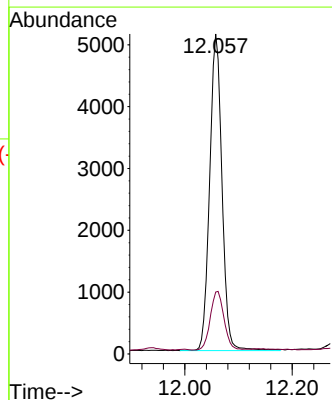
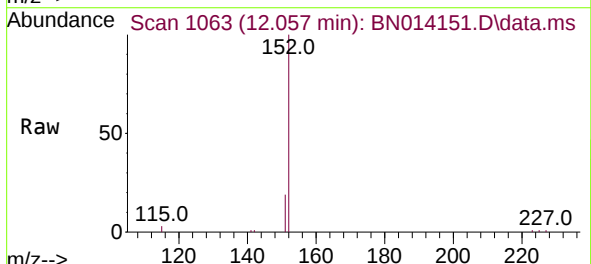
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

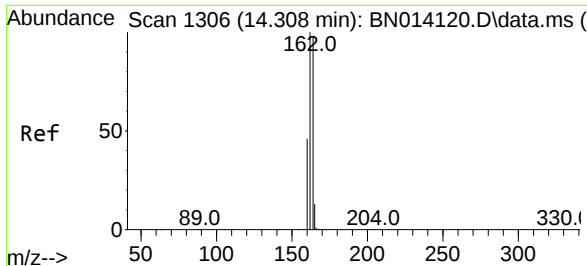
Tgt Ion:	82	Resp:	3660
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.5	50.3
54	55.5	40.3	60.5



#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

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

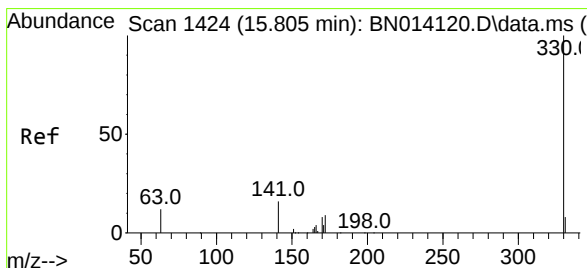
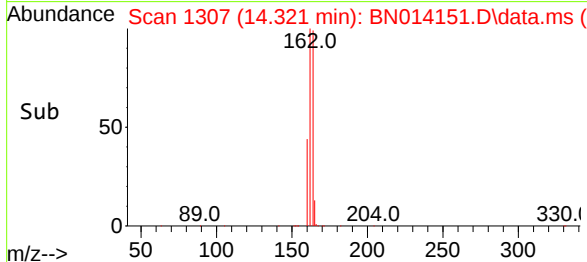
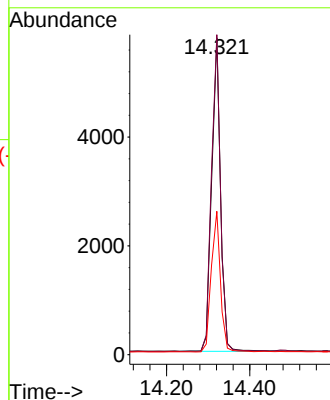
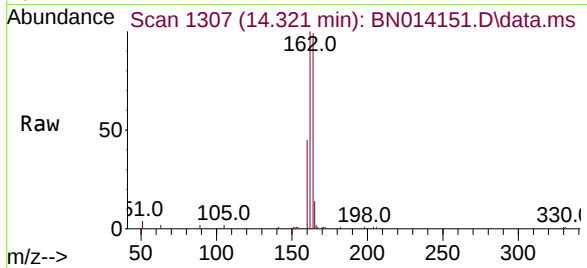




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

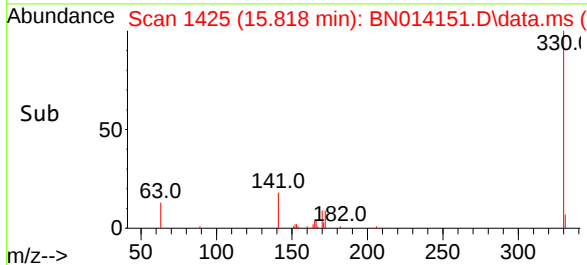
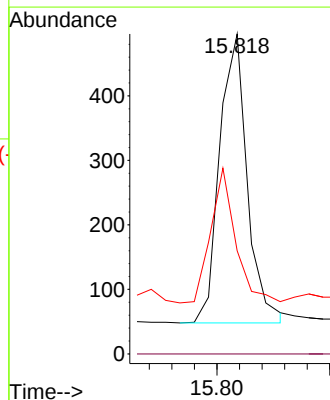
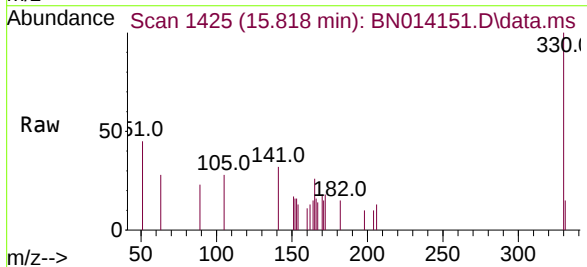
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

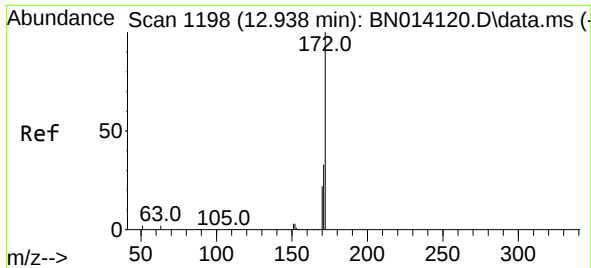
Tgt Ion:164 Resp: 8539
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.2
160 45.2 37.5 56.3



#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

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

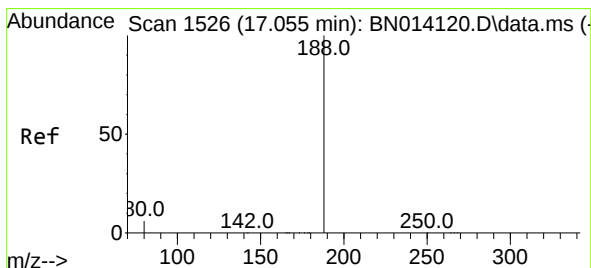
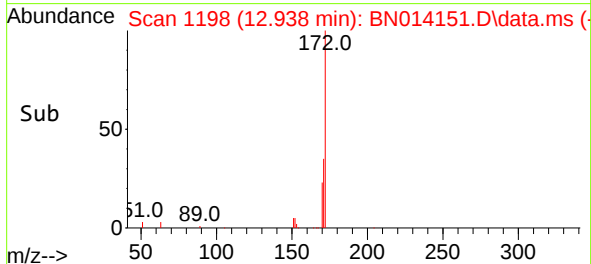
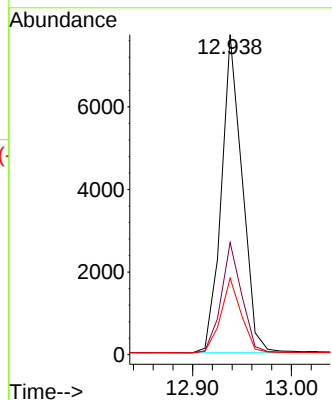
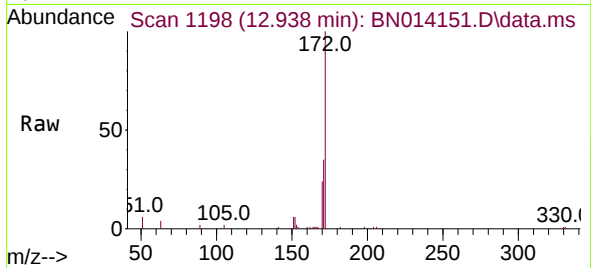




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

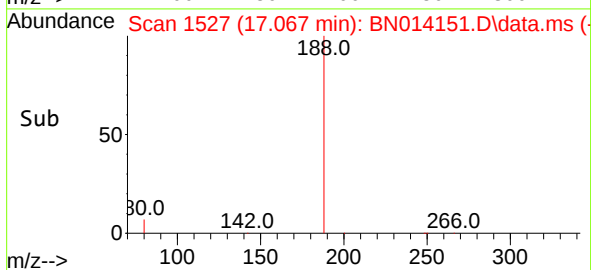
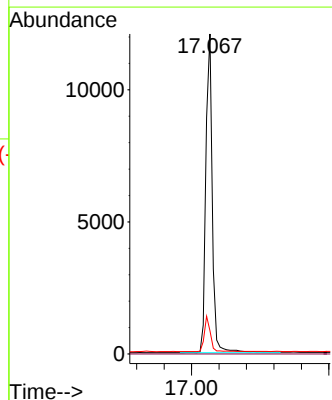
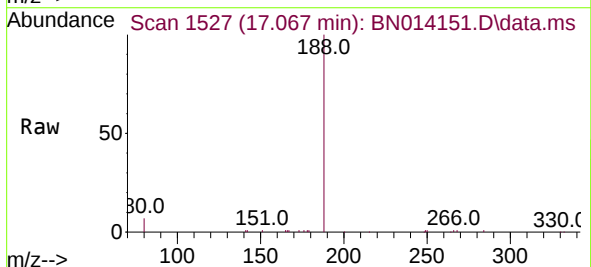
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

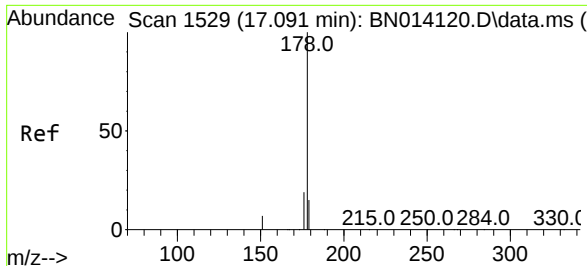
Tgt Ion:	172	Resp:	11273
Ion Ratio	Lower	Upper	
172	100		
171	35.1	26.9	40.3
170	23.9	17.8	26.8



#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

Tgt Ion:	188	Resp:	19571
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.2	5.2	7.8

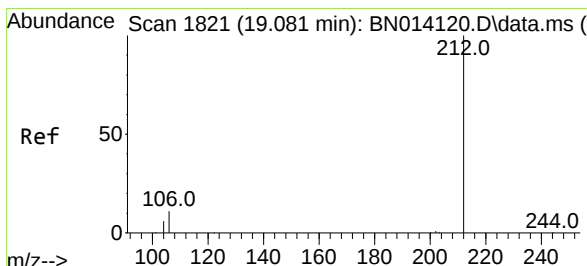
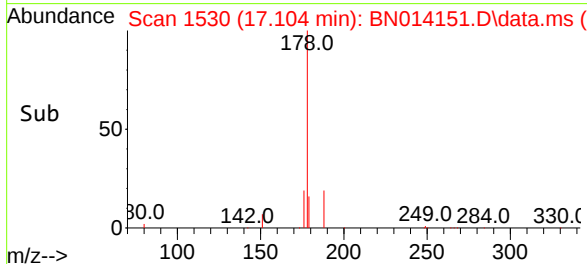
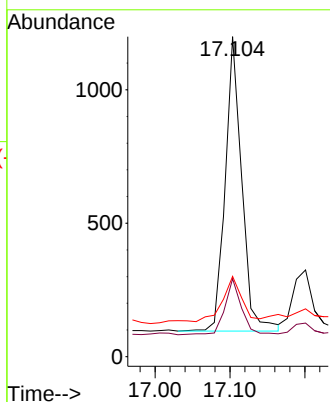
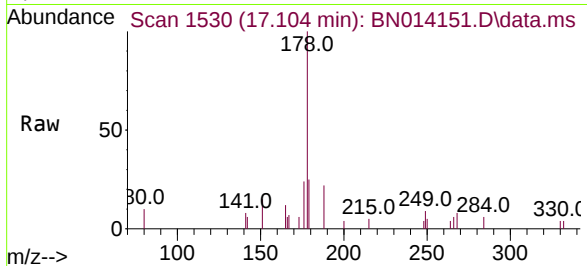




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

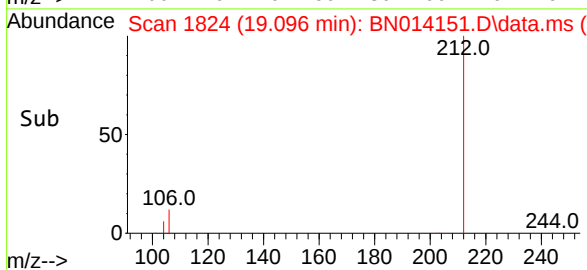
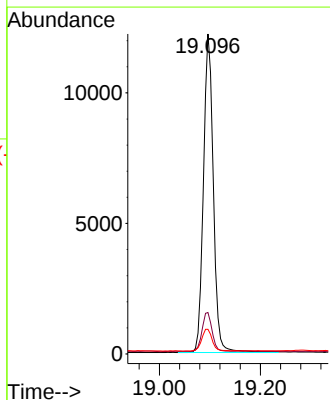
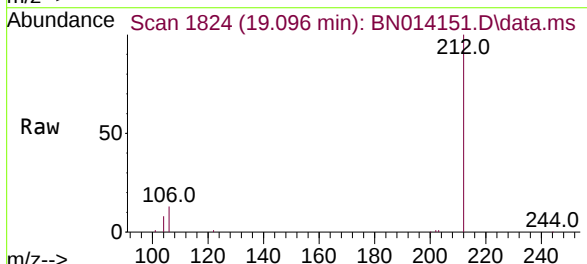
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

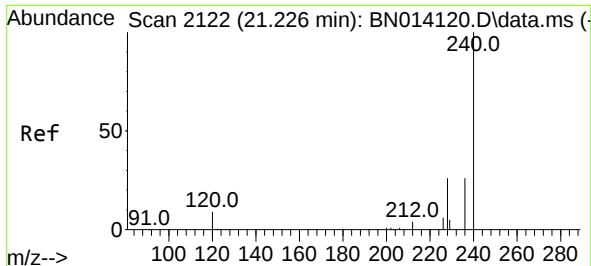
Tgt Ion:178	Resp:	1695
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.0 22.6
179	21.7	12.4 18.6#



#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

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

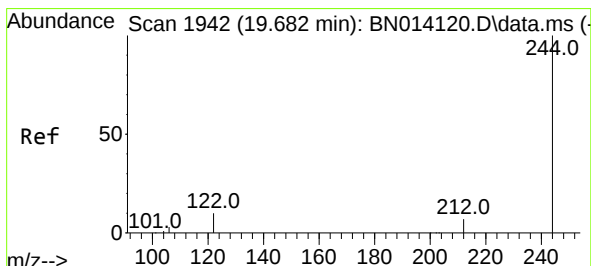
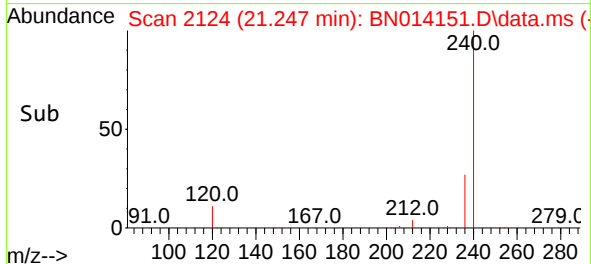
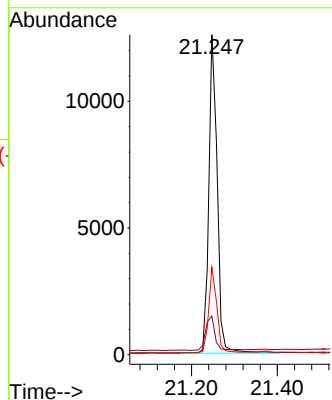
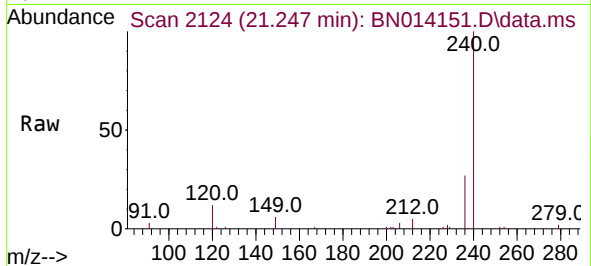




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

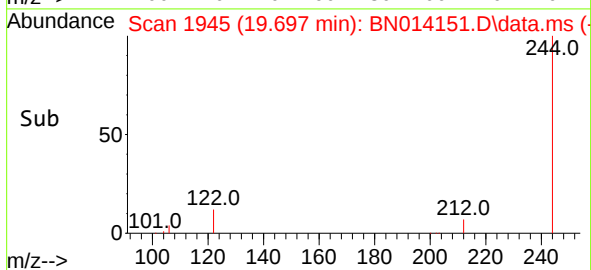
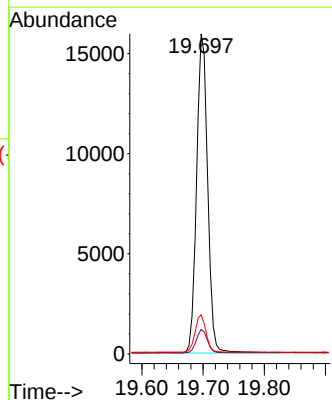
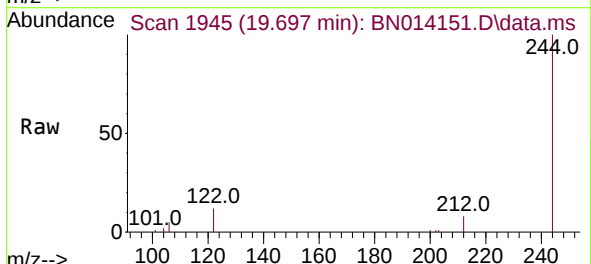
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

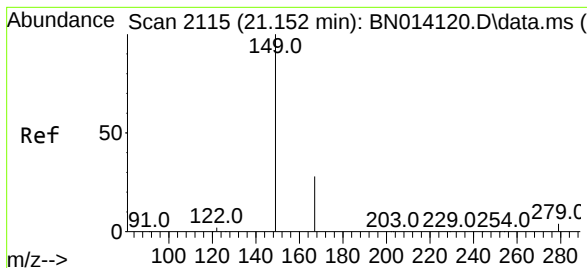
Tgt Ion:240 Resp: 17051
Ion Ratio Lower Upper
240 100
120 12.1 8.4 12.6
236 27.3 21.0 31.6



#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

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

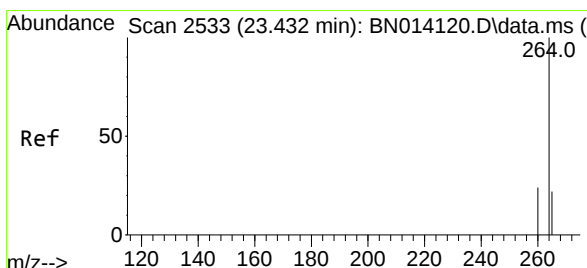
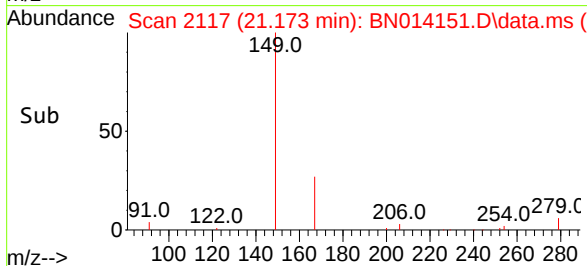
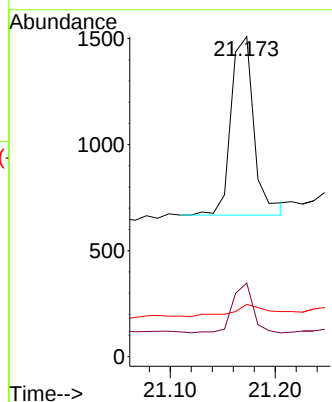
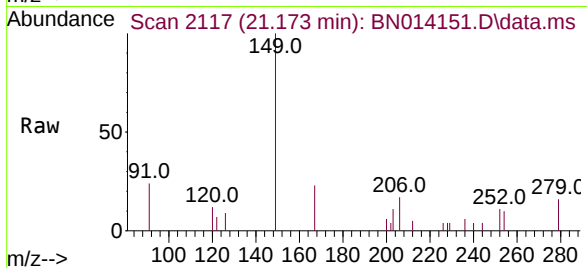




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

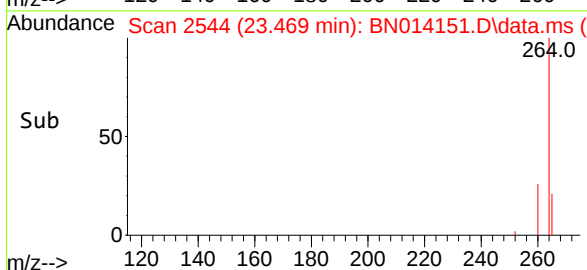
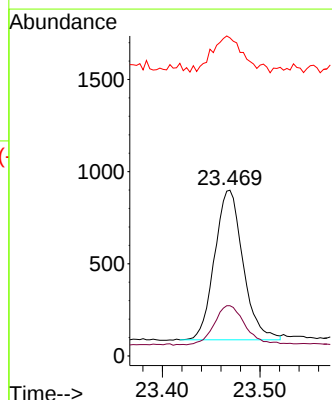
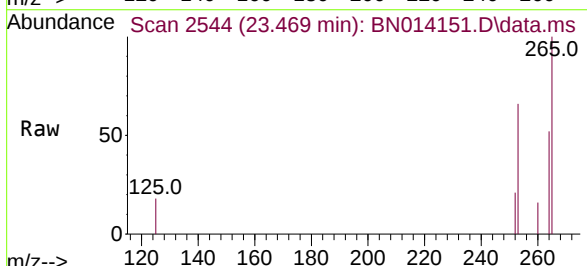
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

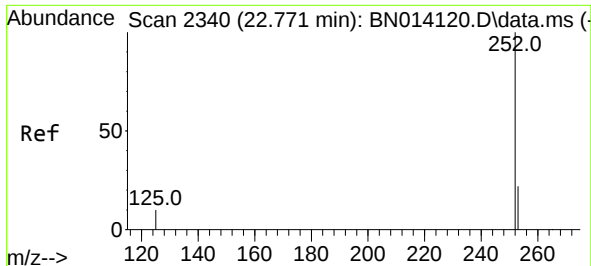
Tgt Ion:149 Resp: 1280
Ion Ratio Lower Upper
149 100
167 24.5 21.4 32.2
279 9.6 3.5 5.3#



#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

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#

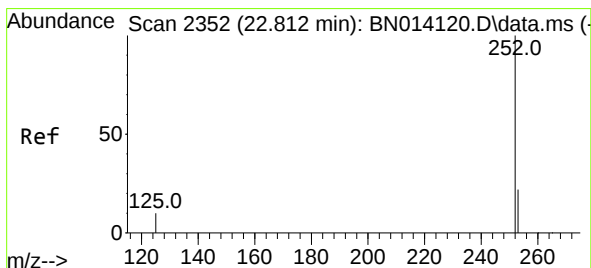
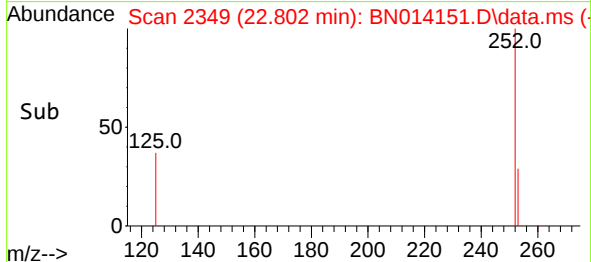
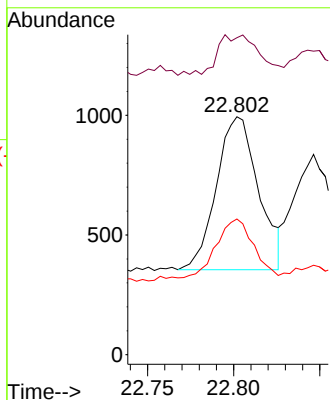
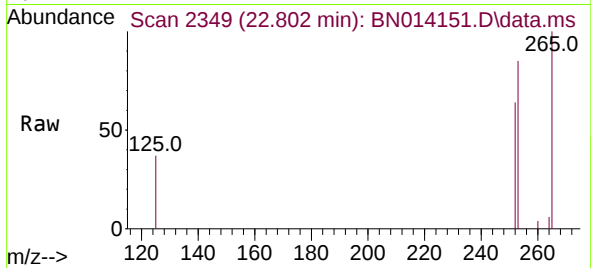




#37
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.802 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BN014151.D
Acq: 31 Mar 2021 20:05

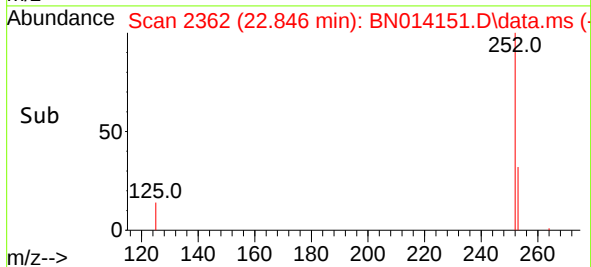
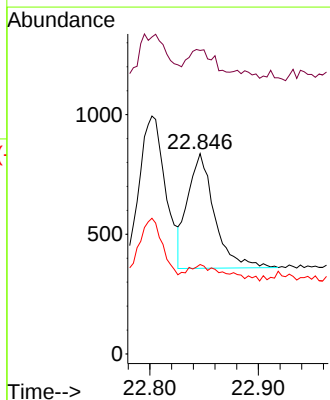
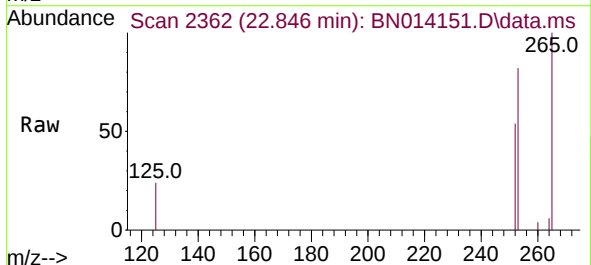
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323

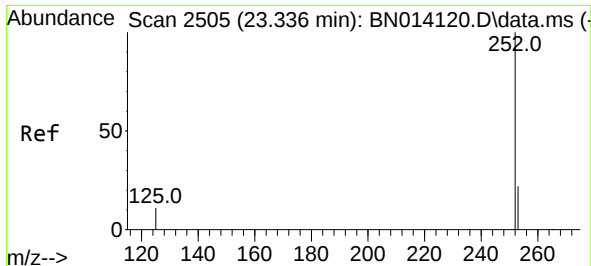
Tgt Ion:252 Resp: 1087
Ion Ratio Lower Upper
252 100
253 133.2 20.6 30.8#
125 57.0 9.4 14.2#



#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

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#

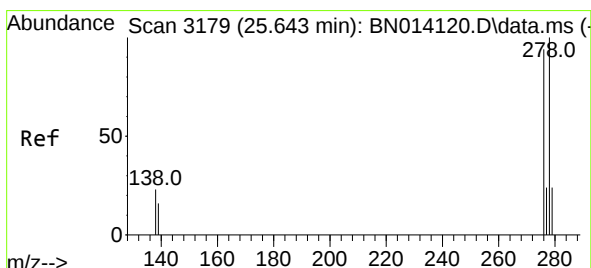
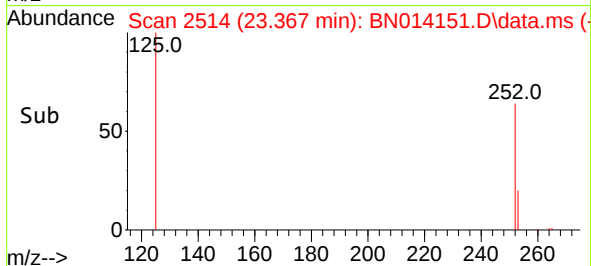
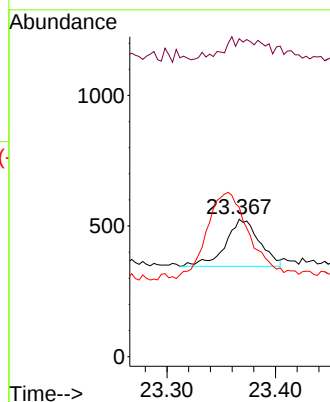
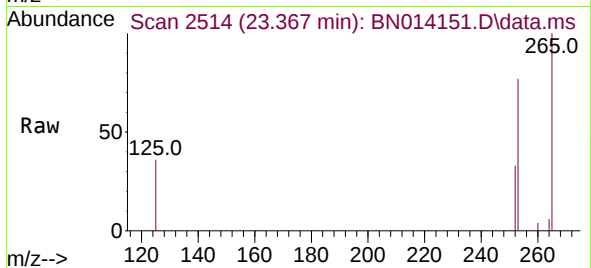
125 108.7 10.8 16.2#

Instrument :

BNA_N

ClientSampleId :

RE109D3-20210323



#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

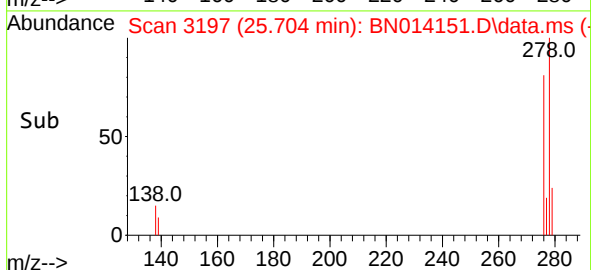
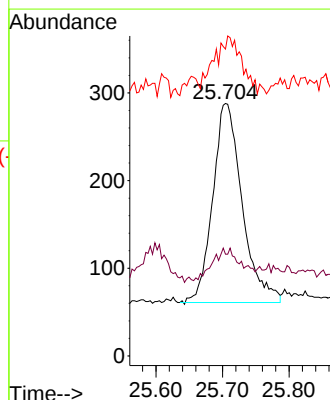
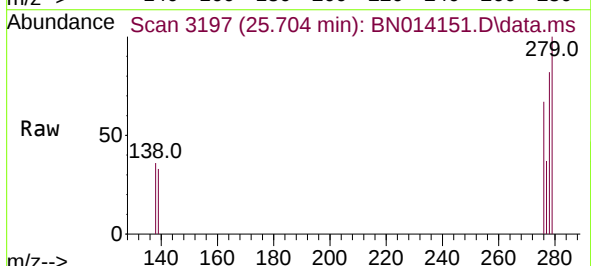
Tgt Ion:278 Resp: 696

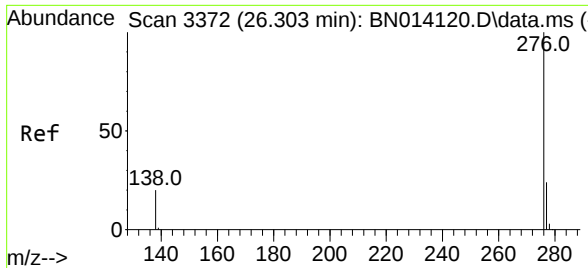
Ion Ratio Lower Upper

278 100

139 40.3 13.4 20.0#

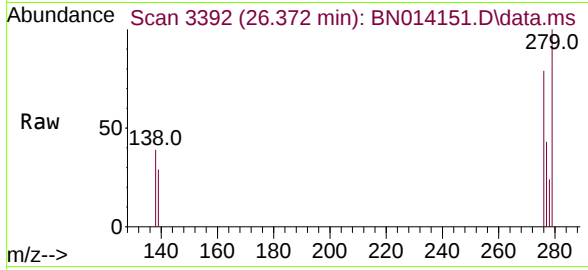
279 121.5 21.3 31.9#





#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

Instrument :
BNA_N
ClientSampleId :
RE109D3-20210323



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#

