

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050321\
 Data File : BN014523.D
 Acq On : 03 May 2021 20:33
 Operator : CG/JU
 Sample : PB135708BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB135708BL

Quant Time: May 04 01:01:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 03 19:31:57 2021
 Response via : Initial Calibration

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

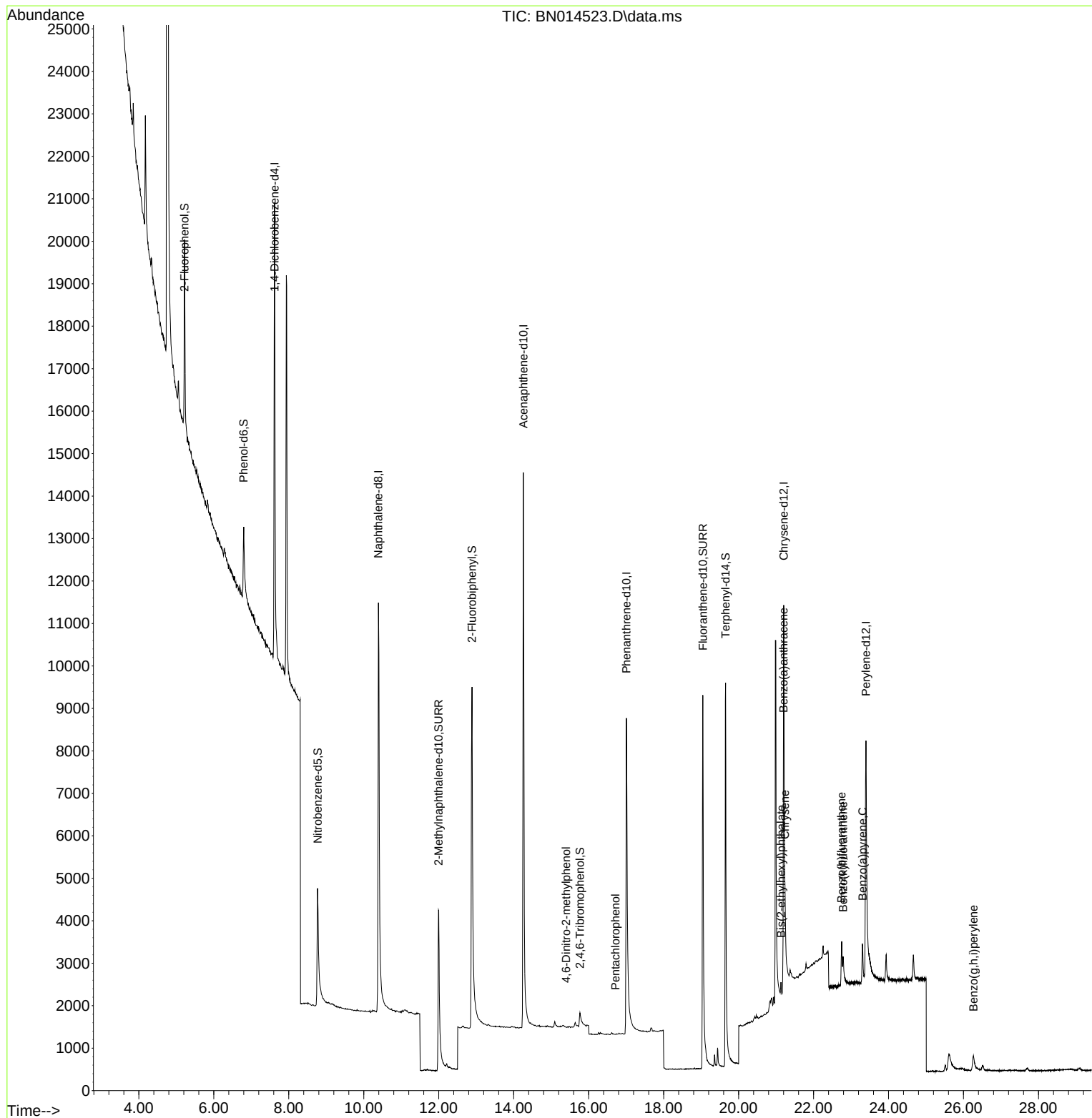
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	6015	0.40	ng	0.00
7) Naphthalene-d8	10.391	136	19117	0.40	ng	# 0.00
13) Acenaphthene-d10	14.257	164	9579	0.40	ng	0.00
19) Phenanthrene-d10	17.006	188	18026	0.40	ng	# 0.00
29) Chrysene-d12	21.205	240	12814	0.40	ng	# 0.00
35) Perylene-d12	23.398	264	11233	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	3782	0.31	ng	0.00
5) Phenol-d6	6.798	99	2384	0.18	ng	0.00
8) Nitrobenzene-d5	8.769	82	4306	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.995	152	9059	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	550	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.887	172	10424	0.30	ng	0.01
27) Fluoranthene-d10	19.047	212	14754	0.31	ng	0.00
31) Terphenyl-d14	19.652	244	13303	0.46	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.399	198	1	0.09	ng	# 1
24) Pentachlorophenol	16.714	266	18	0.29	ng	# 59
32) Benzo(a)anthracene	21.194	228	782	0.03	ng	# 82
33) Chrysene	21.237	228	1192	0.03	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.131	149	344	0.03	ng	# 98
37) Benzo(b)fluoranthene	22.744	252	950	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.788	252	1154	0.03	ng	# 1
39) Benzo(a)pyrene	23.309	252	785	0.02	ng	# 1
41) Benzo(g,h,i)perylene	26.266	276	955	0.02	ng	# 62

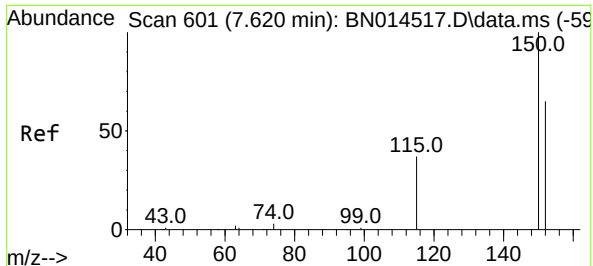
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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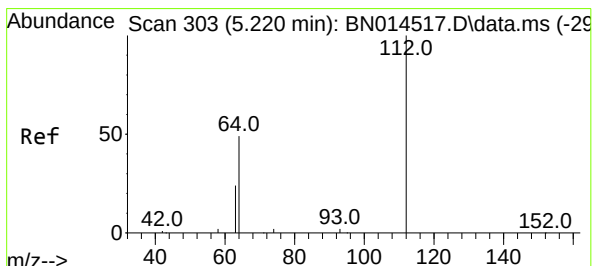
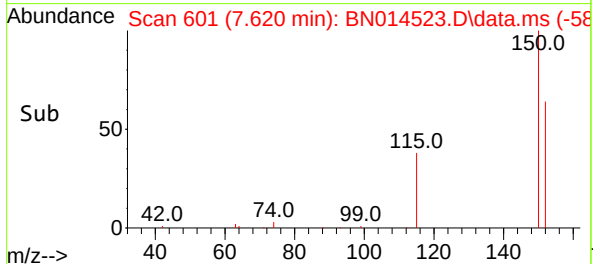
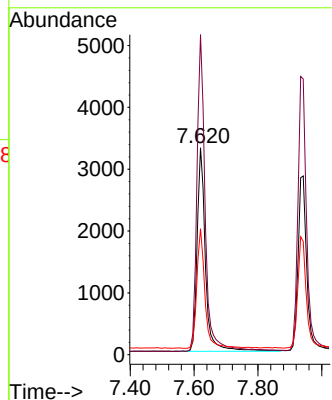
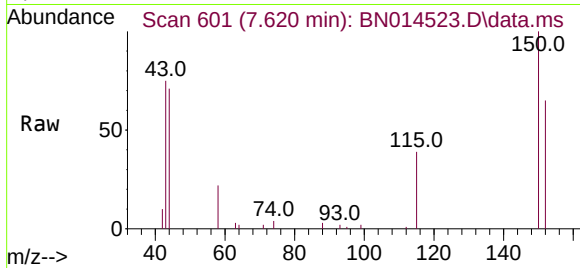


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.620 min Scan# 601
 Delta R.T. -0.000 min
 Lab File: BN014523.D
 Acq: 03 May 2021 20:33

Instrument :
 BNA_N
 ClientSampled :
 PB135708BL

Tgt Ion:152 Resp: 6015

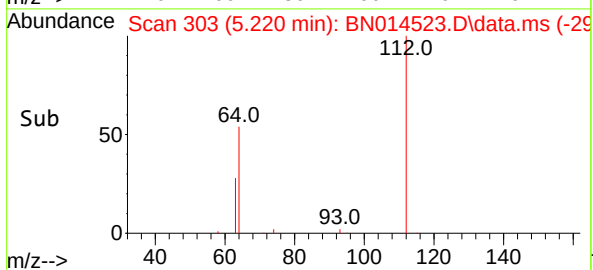
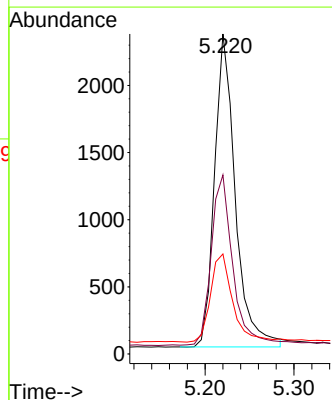
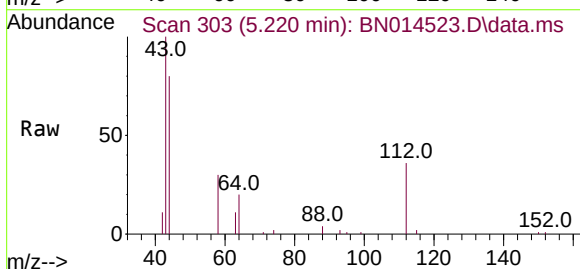
Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.8
115	60.9	47.0	70.4

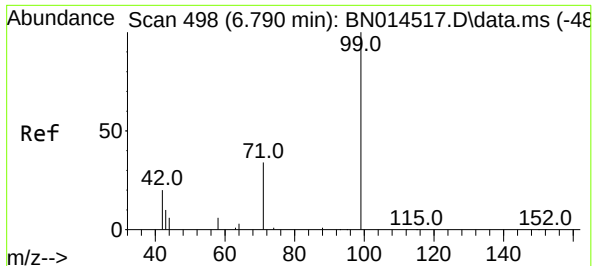


#4
 2-Fluorophenol
 Concen: 0.31 ng
 RT: 5.220 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: BN014523.D
 Acq: 03 May 2021 20:33

Tgt Ion:112 Resp: 3782

Ion	Ratio	Lower	Upper
112	100		
64	56.5	41.8	62.6
63	29.9	22.0	33.0

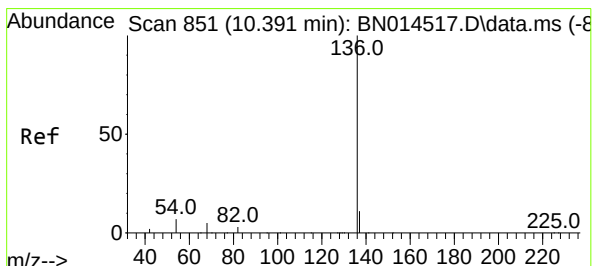
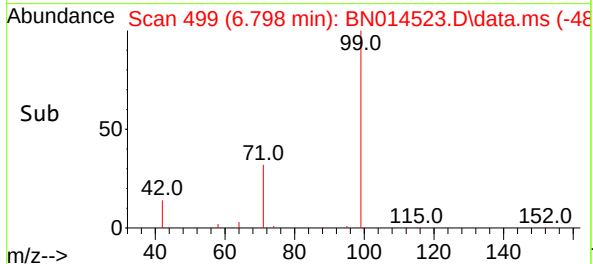
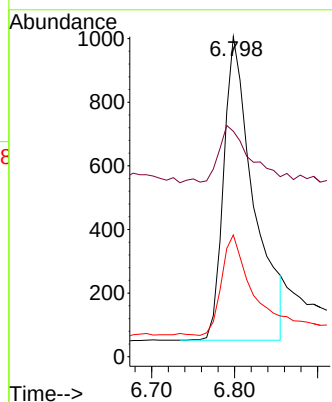
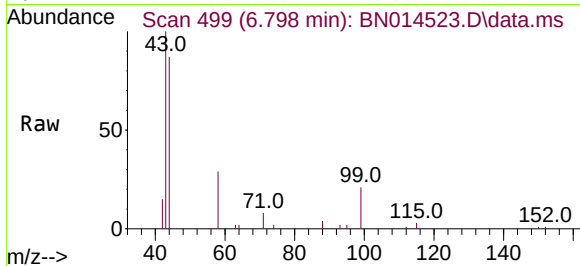




#5
Phenol-d6
Concen: 0.18 ng
RT: 6.798 min Scan# 499
Delta R.T. 0.008 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

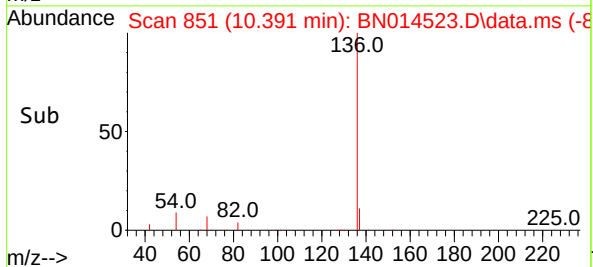
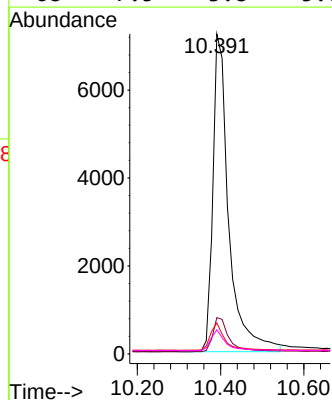
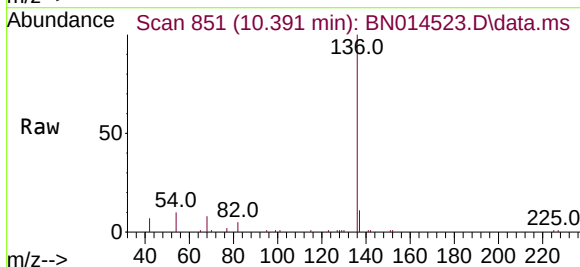
Instrument :
BNA_N
ClientSampleId :
PB135708BL

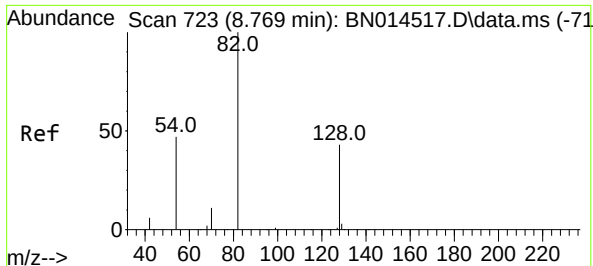
Tgt Ion:	99	Resp:	2384
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.2	19.8
71	33.4	26.2	39.2



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.391 min Scan# 851
Delta R.T. -0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:	136	Resp:	19117
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	3.8	5.8#
68	7.5	3.8	5.6#

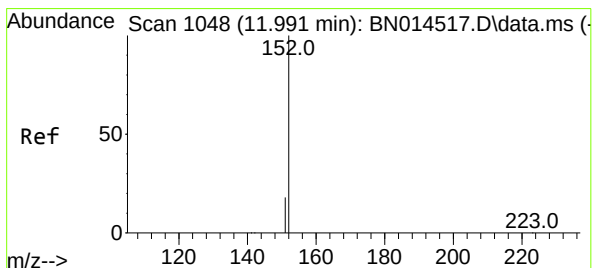
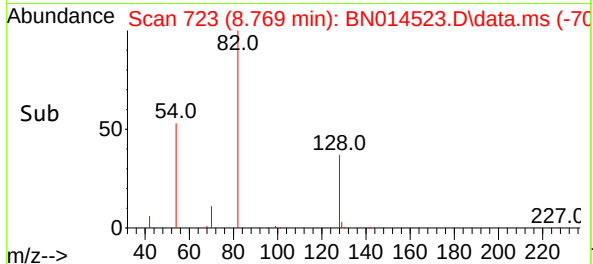
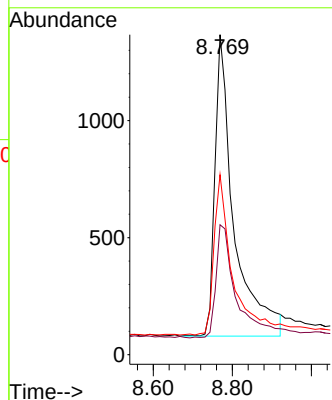
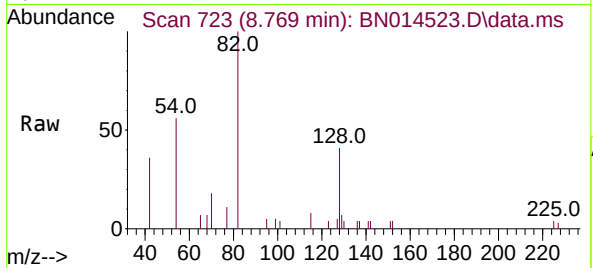




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.769 min Scan# 723
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

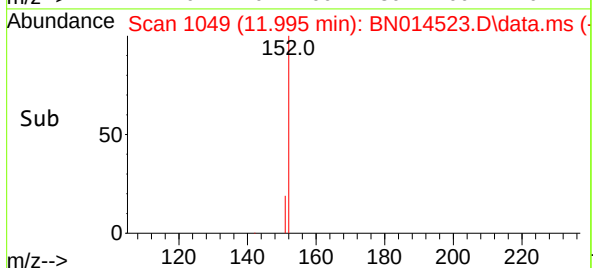
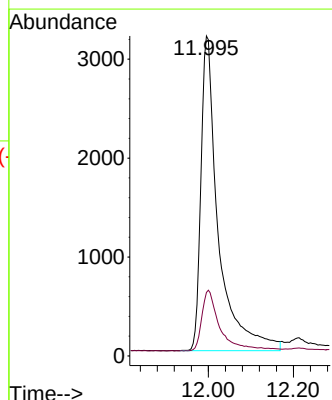
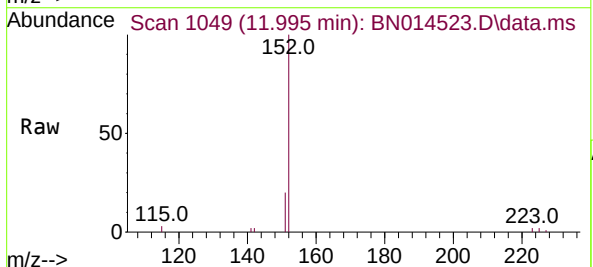
Instrument :
BNA_N
ClientSampleId :
PB135708BL

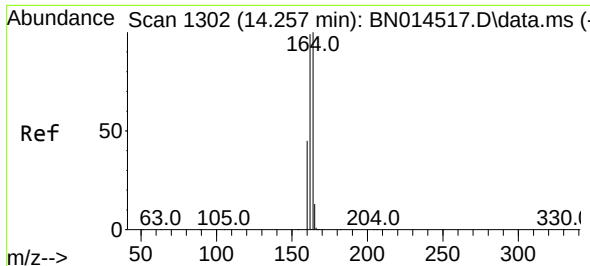
Tgt Ion: 82 Resp: 4306
Ion Ratio Lower Upper
82 100
128 40.6 29.5 44.3
54 56.3 36.9 55.3#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.995 min Scan# 1049
Delta R.T. 0.005 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion: 152 Resp: 9059
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2

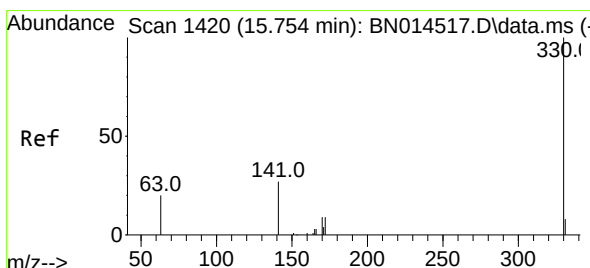
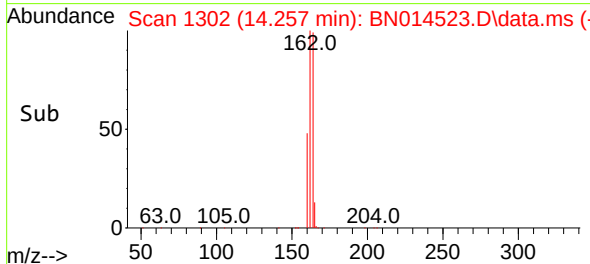
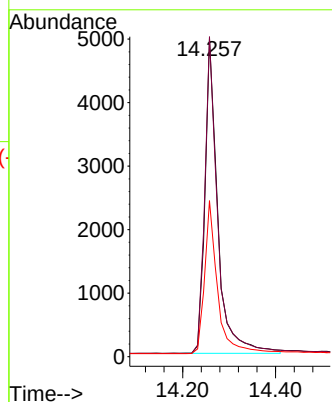
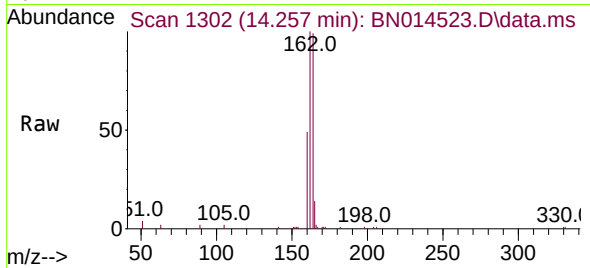




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.257 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

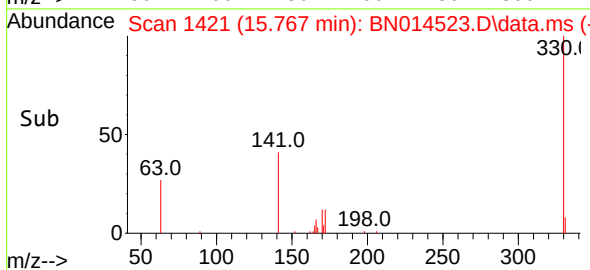
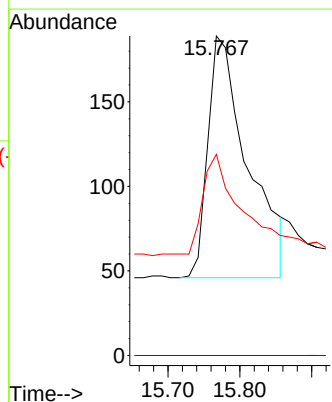
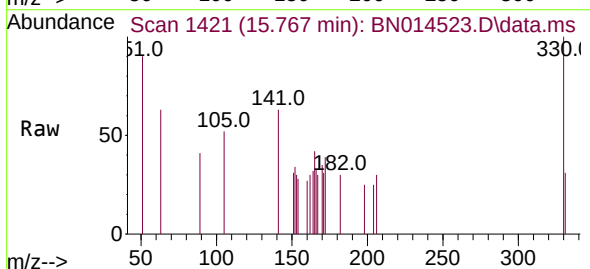
Instrument :
BNA_N
ClientSampleId :
PB135708BL

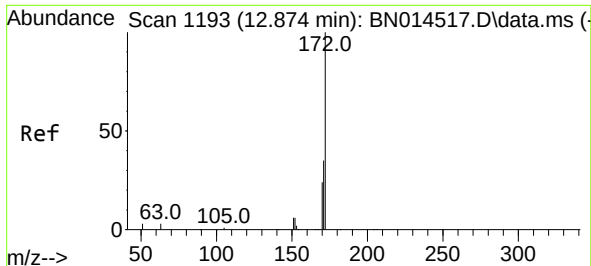
Tgt Ion:164 Resp: 9579
Ion Ratio Lower Upper
164 100
162 100.6 78.6 118.0
160 49.0 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.767 min Scan# 1421
Delta R.T. 0.013 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:330 Resp: 550
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.1 27.0 40.4#

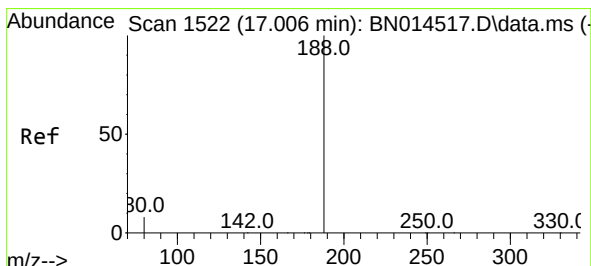
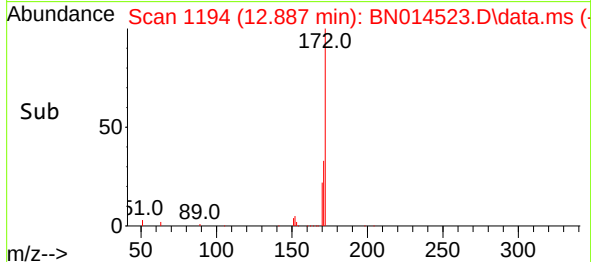
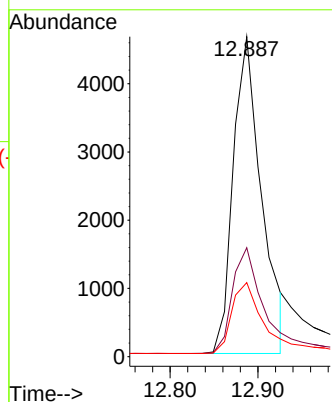
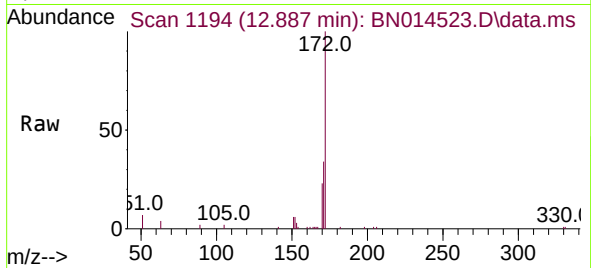




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.887 min Scan# 1194
Delta R.T. 0.013 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

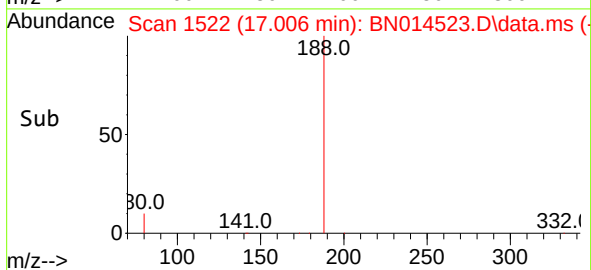
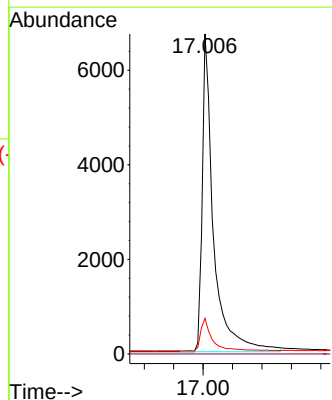
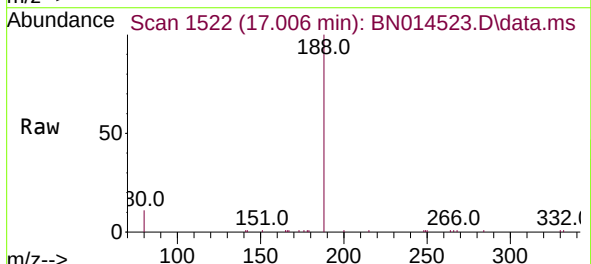
Instrument :
BNA_N
ClientSampleId :
PB135708BL

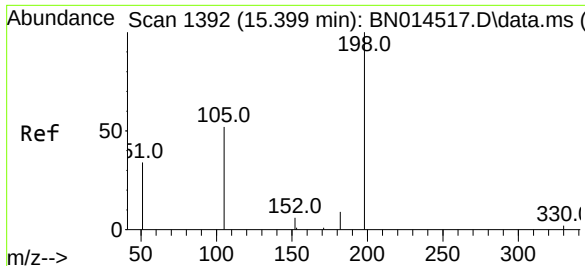
Tgt Ion:172	Resp:	10424
Ion Ratio	Lower	Upper
172	100	
171	34.1	27.1 40.7
170	23.2	18.3 27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.006 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:188	Resp:	18026
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.1	5.2 7.8#

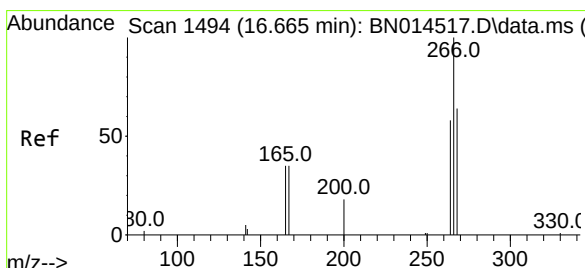
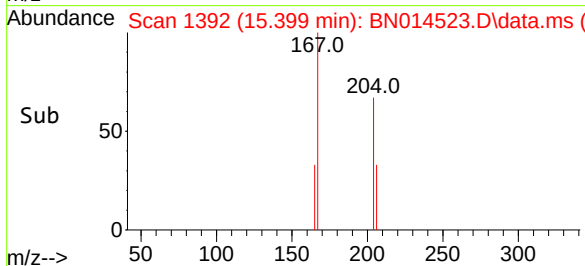
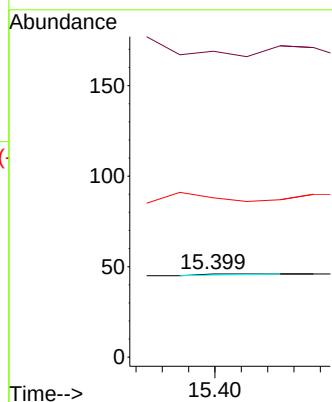
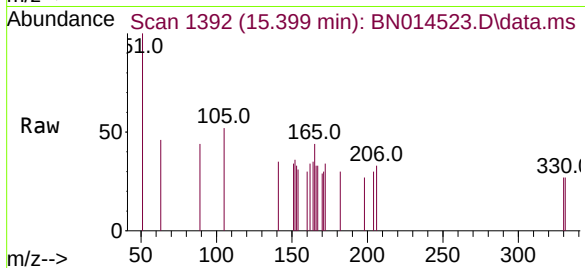




#20
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.399 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

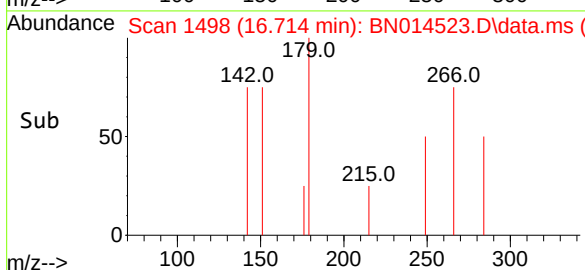
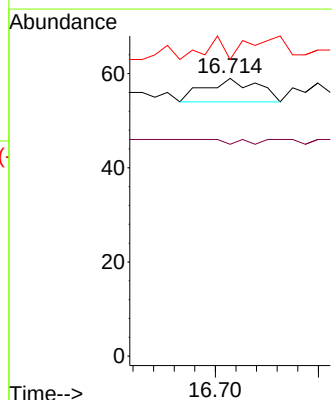
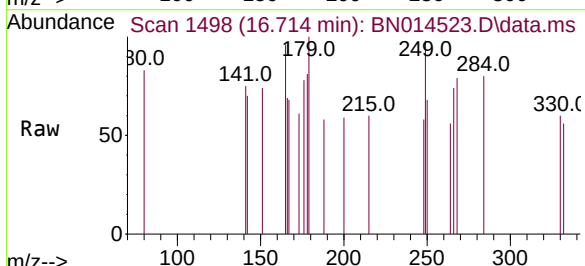
Instrument :
BNA_N
ClientSampleId :
PB135708BL

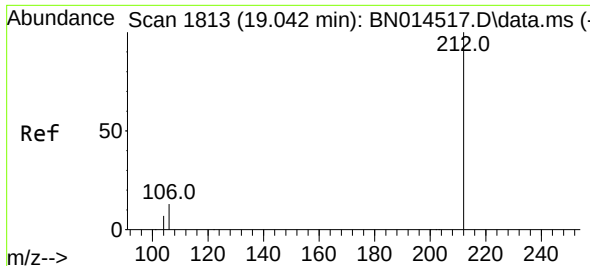
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 367.4 865.3 1297.9#
105 191.3 93.6 140.4#



#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.714 min Scan# 1498
Delta R.T. 0.049 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 16.7 24.2 36.4#
268 0.0 25.2 37.8#

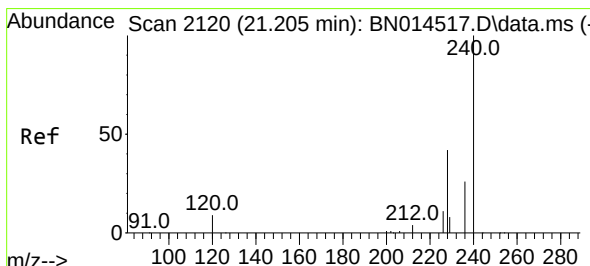
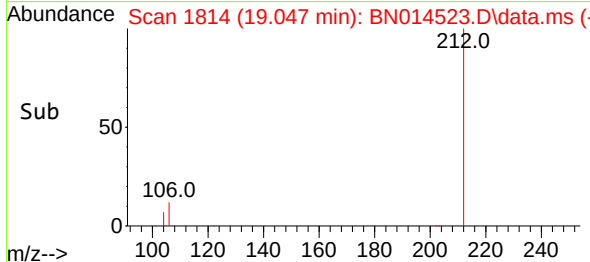
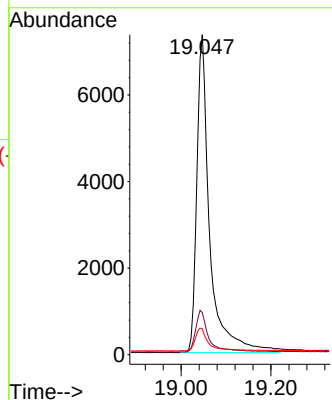
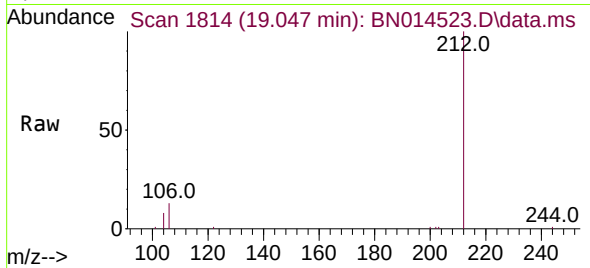




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.047 min Scan# 1814
Delta R.T. 0.005 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

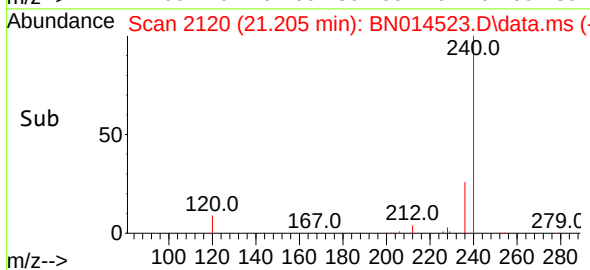
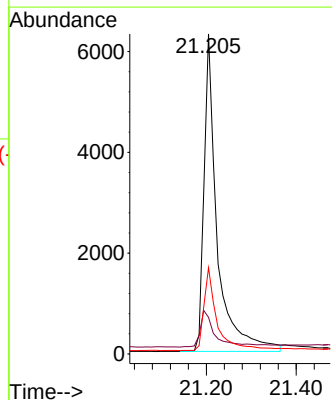
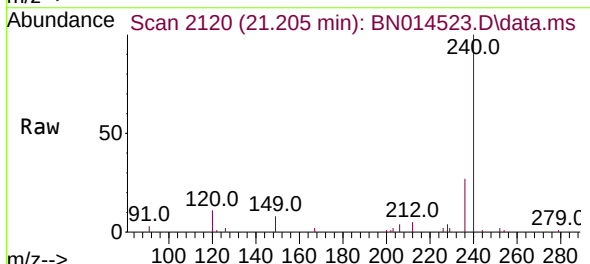
Instrument :
BNA_N
ClientSampleId :
PB135708BL

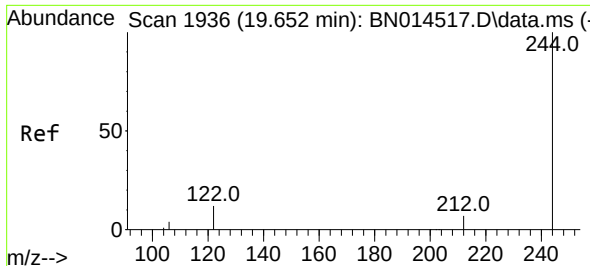
Tgt Ion:212 Resp: 14754
Ion Ratio Lower Upper
212 100
106 13.0 10.1 15.1
104 7.4 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.205 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:240 Resp: 12814
Ion Ratio Lower Upper
240 100
120 11.4 5.8 8.8#
236 26.9 20.6 30.8

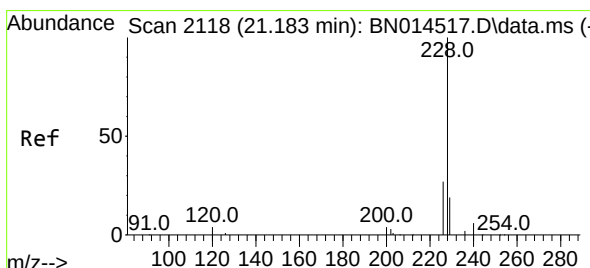
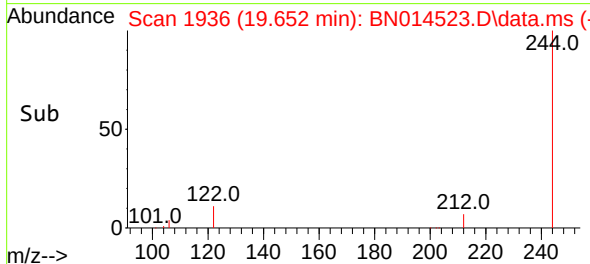
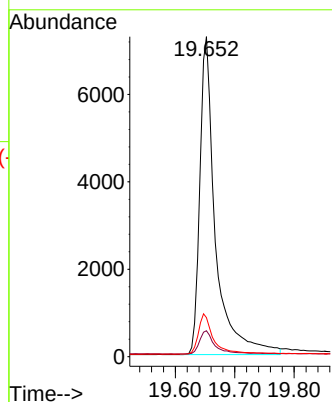
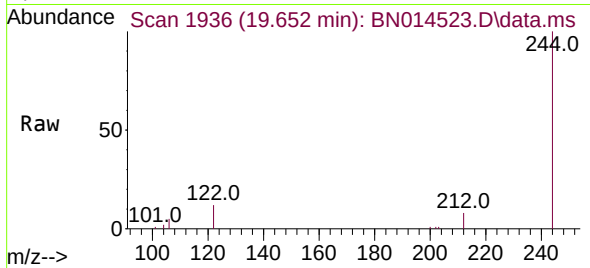




#31
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.652 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: BN014523.D
 Acq: 03 May 2021 20:33

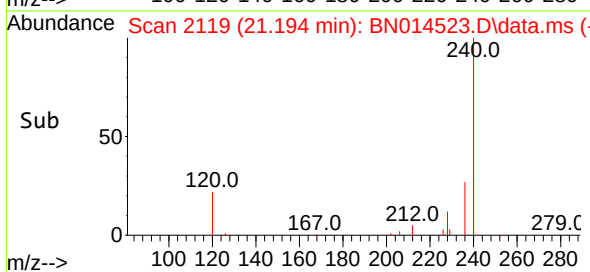
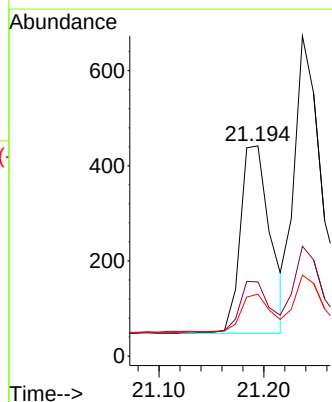
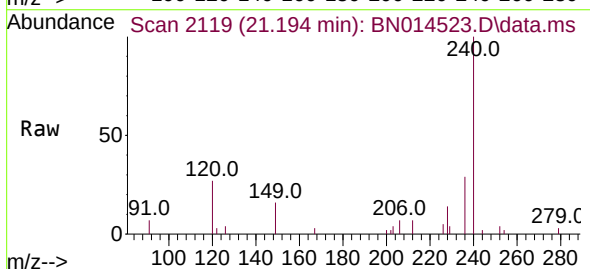
Instrument :
 BNA_N
 ClientSampleId :
 PB135708BL

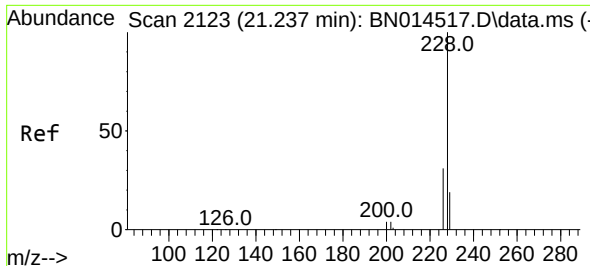
Tgt Ion:244	Resp:	13303
Ion Ratio	Lower	Upper
244	100	
212	8.1	6.0 9.0
122	12.2	9.3 13.9



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.194 min Scan# 2119
 Delta R.T. 0.011 min
 Lab File: BN014523.D
 Acq: 03 May 2021 20:33

Tgt Ion:228	Resp:	782
Ion Ratio	Lower	Upper
228	100	
226	35.3	21.7 32.5#
229	29.4	15.7 23.5#

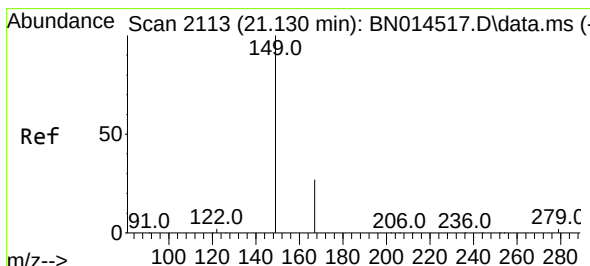
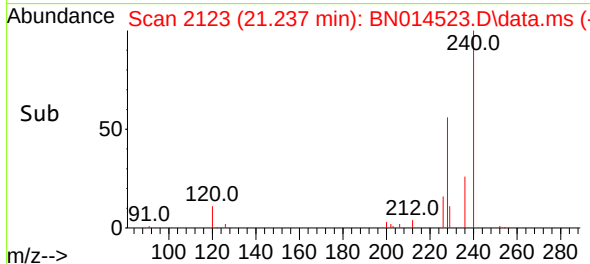
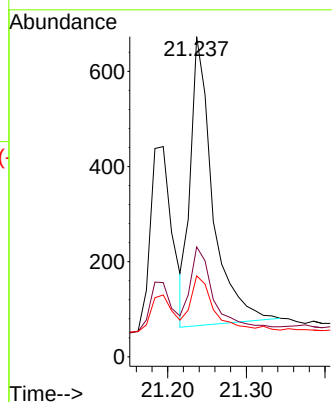
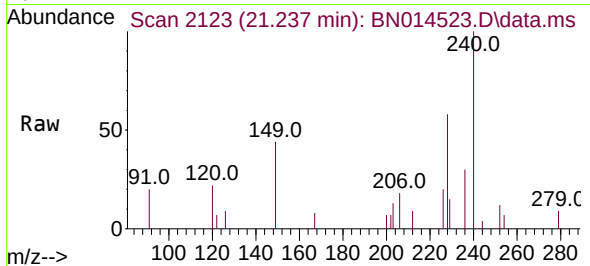




#33
Chrysene
Concen: 0.03 ng
RT: 21.237 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

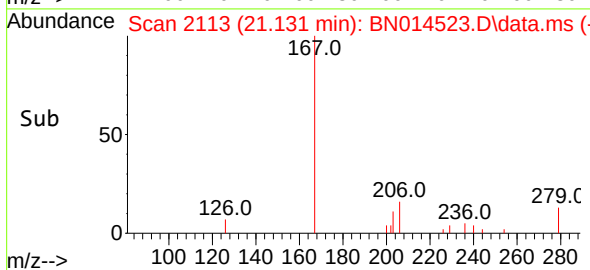
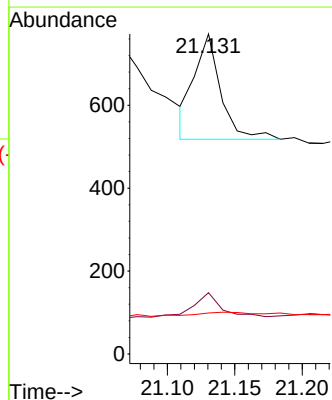
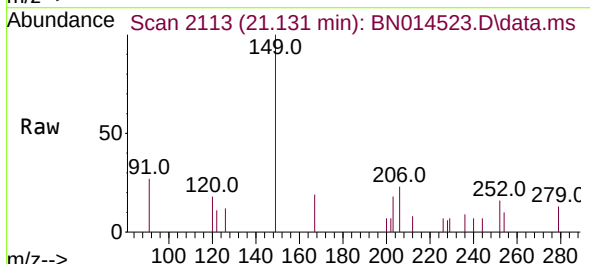
Instrument :
BNA_N
ClientSampleId :
PB135708BL

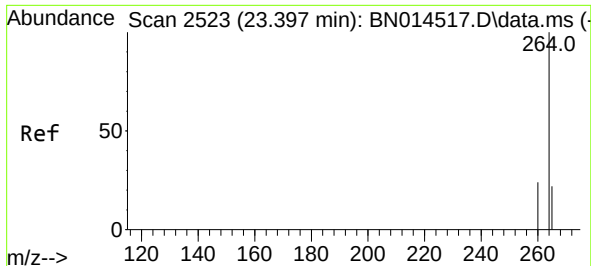
Tgt Ion:228 Resp: 1192
Ion Ratio Lower Upper
228 100
226 34.3 23.8 35.6
229 25.3 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.131 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:149 Resp: 344
Ion Ratio Lower Upper
149 100
167 26.2 20.5 30.7
279 6.4 2.9 4.3#





#35

Perylene-d12

Concen: 0.40 ng

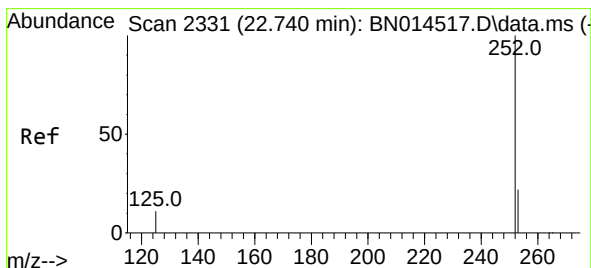
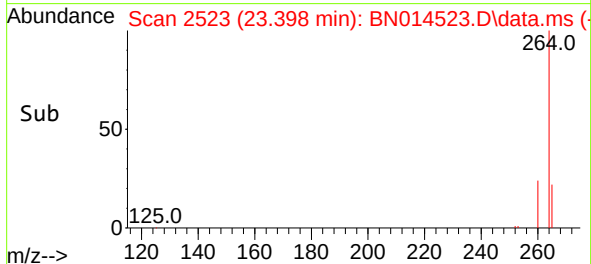
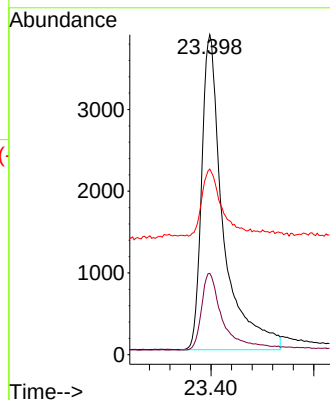
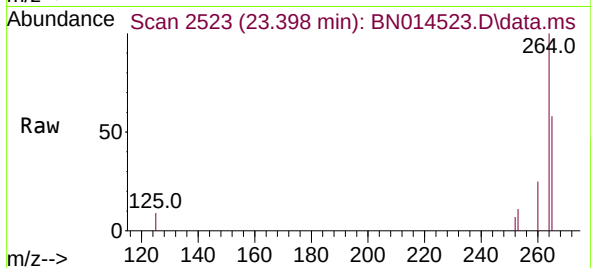
RT: 23.398 min Scan# 2523

Delta R.T. 0.000 min

Lab File: BN014523.D

Acq: 03 May 2021 20:33

Tgt Ion:264	Resp:	11233
Ion Ratio	Lower	Upper
264	100	
260	25.4	19.5 29.3
265	58.0	35.4 53.0#



#37

Benzo(b)fluoranthene

Concen: 0.03 ng

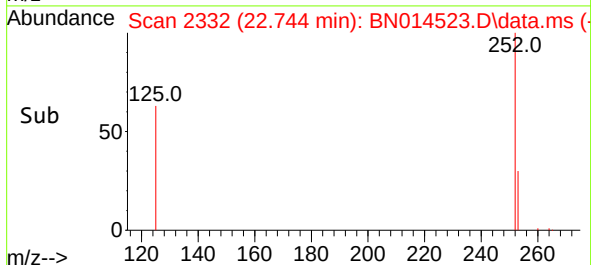
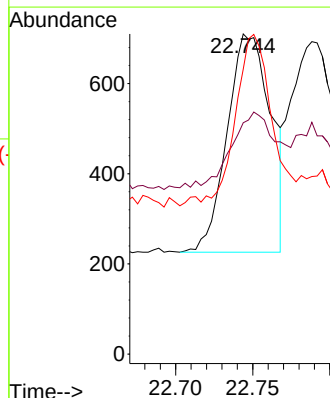
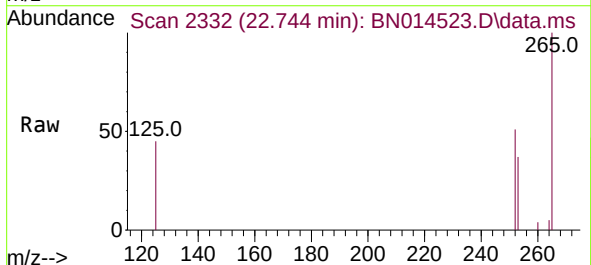
RT: 22.744 min Scan# 2332

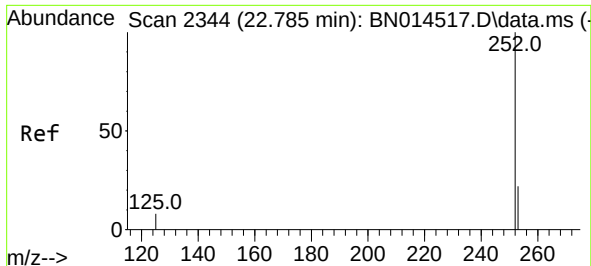
Delta R.T. 0.004 min

Lab File: BN014523.D

Acq: 03 May 2021 20:33

Tgt Ion:252	Resp:	950
Ion Ratio	Lower	Upper
252	100	
253	72.3	19.6 29.4#
125	89.0	10.3 15.5#

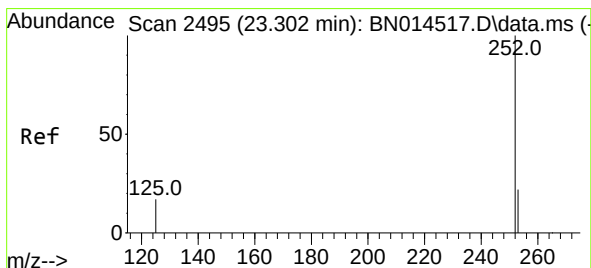
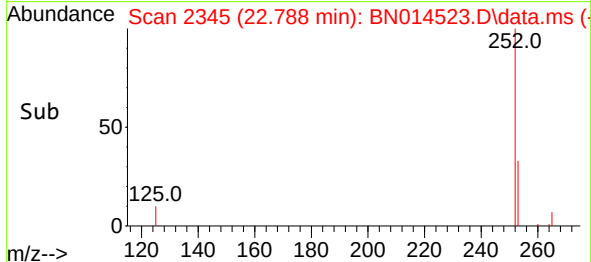
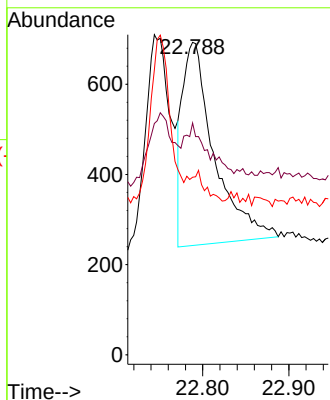
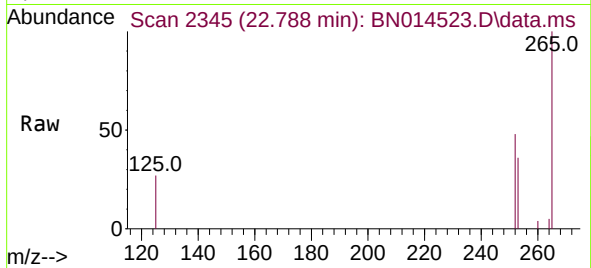




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.788 min Scan# 2345
Delta R.T. 0.004 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

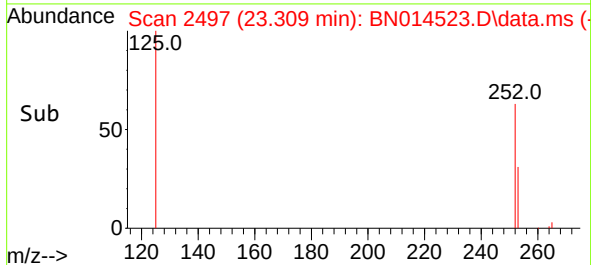
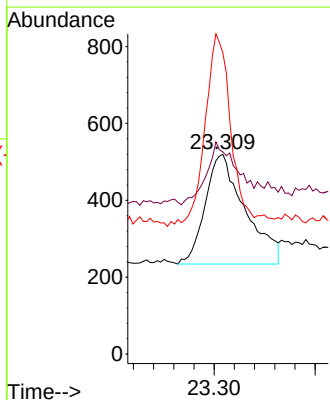
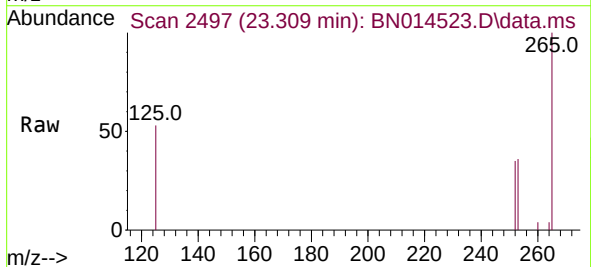
Instrument :
BNA_N
ClientSampleId :
PB135708BL

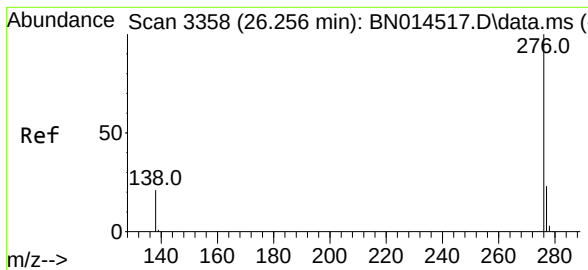
Tgt Ion:252 Resp: 1154
Ion Ratio Lower Upper
252 100
253 74.2 19.7 29.5#
125 56.9 9.7 14.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.309 min Scan# 2497
Delta R.T. 0.007 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Tgt Ion:252 Resp: 785
Ion Ratio Lower Upper
252 100
253 101.2 21.8 32.6#
125 150.8 14.9 22.3#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.266 min Scan# 3361
Delta R.T. 0.010 min
Lab File: BN014523.D
Acq: 03 May 2021 20:33

Instrument :
BNA_N
ClientSampleId :
PB135708BL

Tgt Ion:276 Resp: 955
Ion Ratio Lower Upper
276 100
277 40.9 19.6 29.4#
138 42.3 17.5 26.3#

