

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016532.D
 Acq On : 27 Sep 2021 05:03
 Operator : CG/JU
 Sample : M3892-16
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 06:27:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

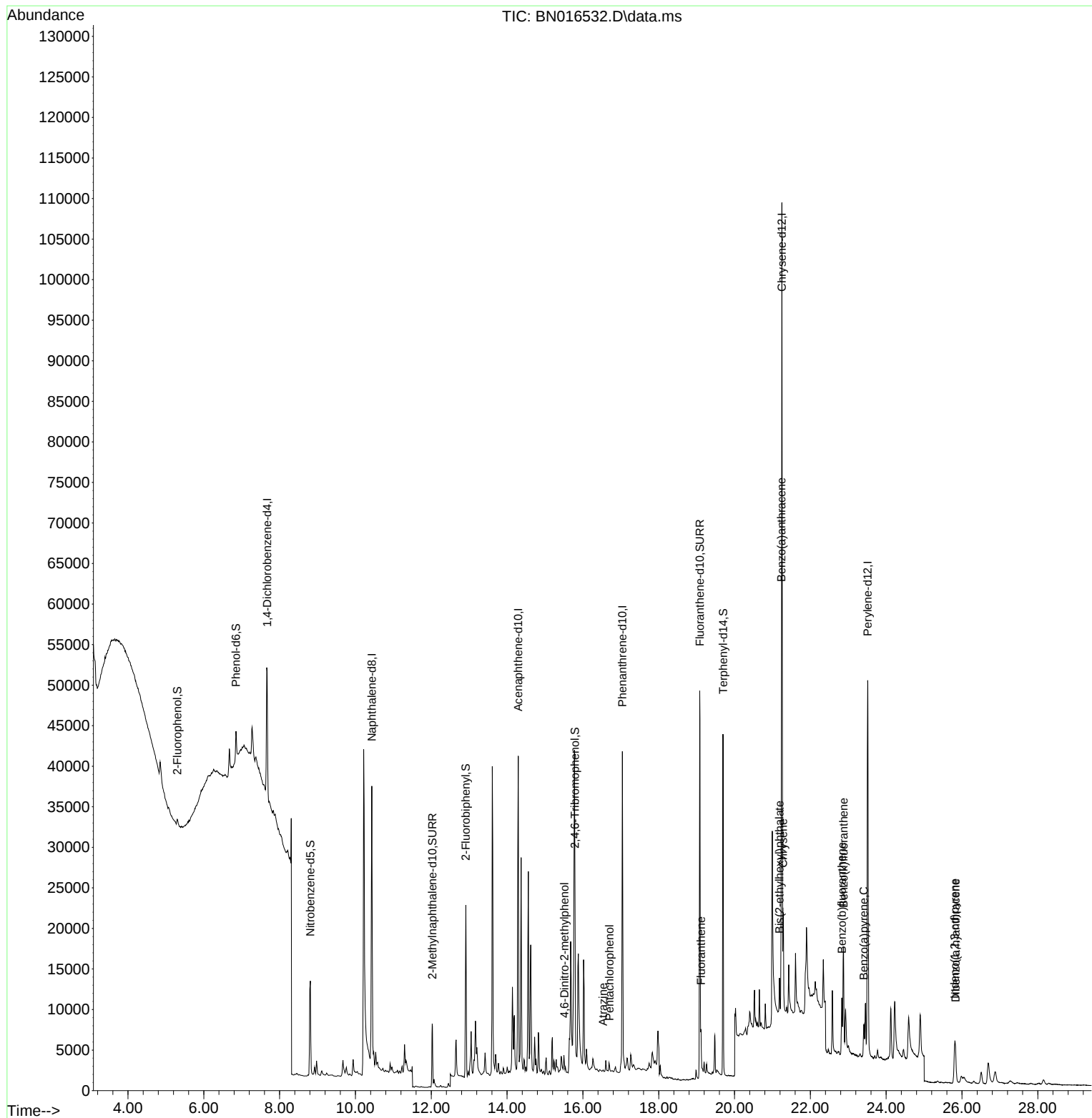
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	9998	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	43044	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	17801	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	48462	0.400	ng	0.00
29) Chrysene-d12	21.249	240	83381	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	59593	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	883	0.039	ng	0.02
5) Phenol-d6	6.849	99	2884	0.109	ng	0.00
8) Nitrobenzene-d5	8.810	82	9631	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	10346	0.162	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2160	0.451	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	16912	0.226	ng	-0.01
27) Fluoranthene-d10	19.083	212	53238	0.400	ng	0.00
31) Terphenyl-d14	19.698	244	41176	0.212	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.512	198	301	0.201	ng	95
23) Atrazine	16.531	200	15	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	28	0.246	ng	# 43
28) Fluoranthene	19.113	202	4501	0.028	ng	# 83
32) Benzo(a)anthracene	21.238	228	10144	0.042	ng	94
33) Chrysene	21.281	228	10037	0.039	ng	93
34) Bis(2-ethylhexyl)phtha...	21.185	149	3883	0.059	ng	94
36) Indeno(1,2,3-cd)pyrene	25.809	276	5257	0.027	ng	# 72
37) Benzo(b)fluoranthene	22.831	252	8944	0.045	ng	# 92
38) Benzo(k)fluoranthene	22.875	252	9458	0.049	ng	# 56
39) Benzo(a)pyrene	23.413	252	7032	0.043	ng	# 93
40) Dibenzo(a,h)anthracene	25.829	278	4246	0.026	ng	# 48

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

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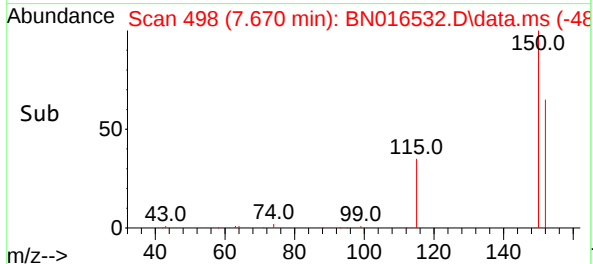
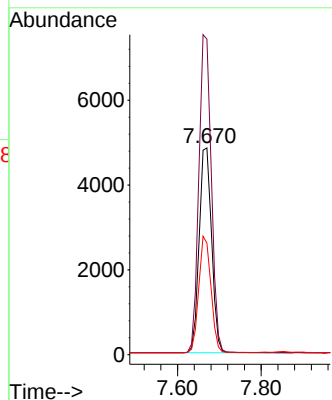
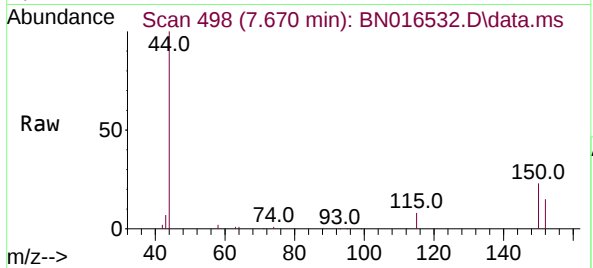




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

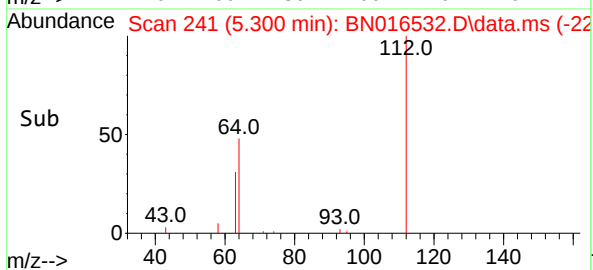
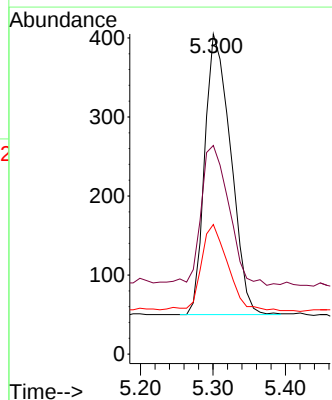
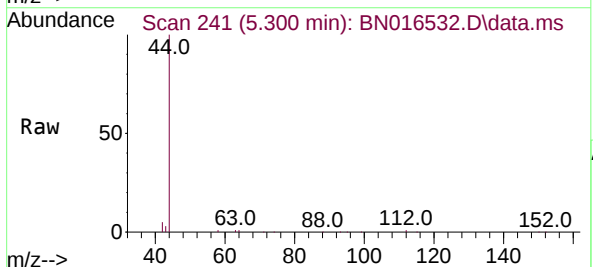
Instrument :
BNA_N
ClientSampleId :

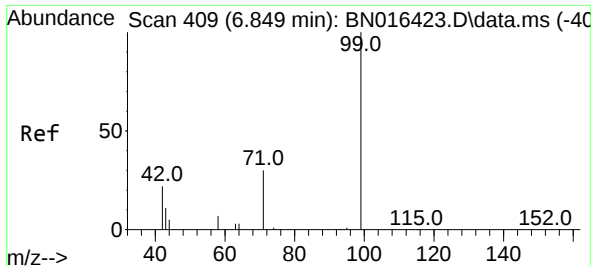
Tgt Ion:152 Resp: 9998
Ion Ratio Lower Upper
152 100
150 152.6 125.6 188.4
115 53.9 50.2 75.2



#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:112 Resp: 883
Ion Ratio Lower Upper
112 100
64 52.8 47.3 70.9
63 31.4 23.4 35.0

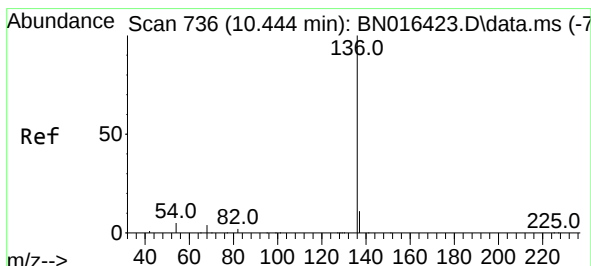
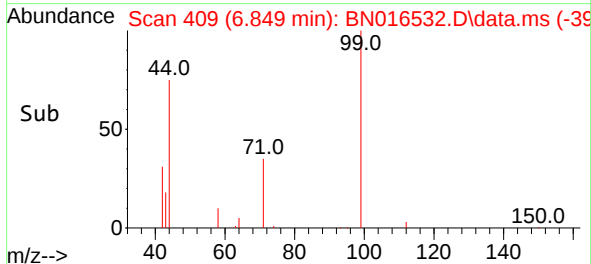
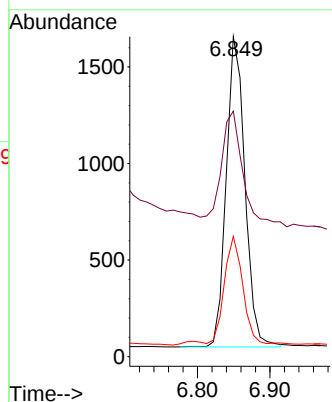
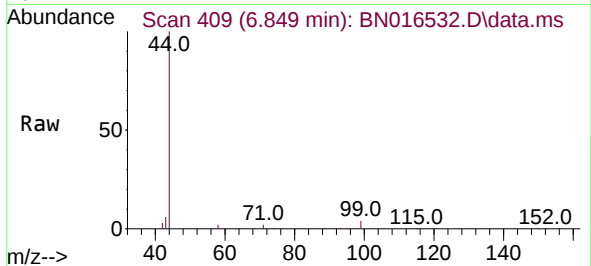




#5
Phenol-d6
Concen: 0.109 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

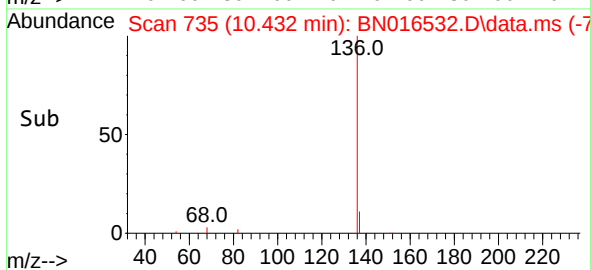
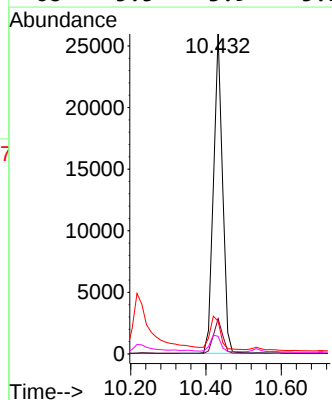
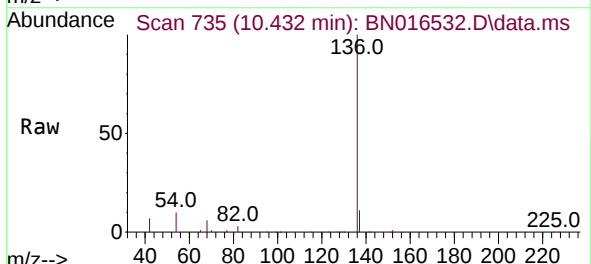
Instrument :
BNA_N
ClientSampled :

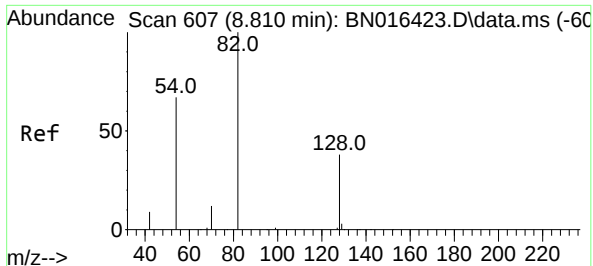
Tgt Ion: 99 Resp: 2884
Ion Ratio Lower Upper
99 100
42 38.0 14.0 21.0#
71 33.8 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion: 136 Resp: 43044
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 5.3 7.9#
68 5.5 3.9 5.9

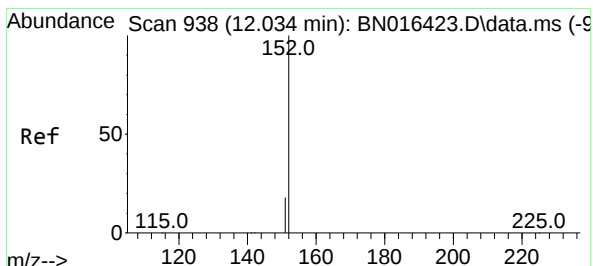
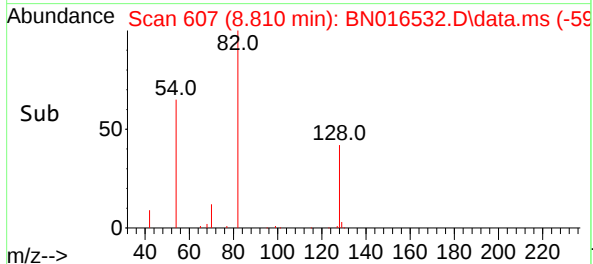
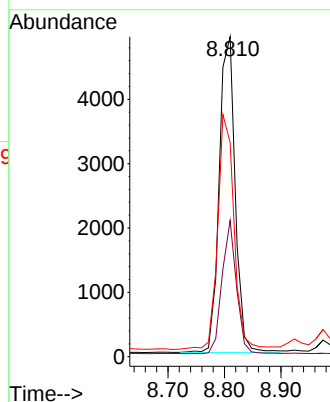
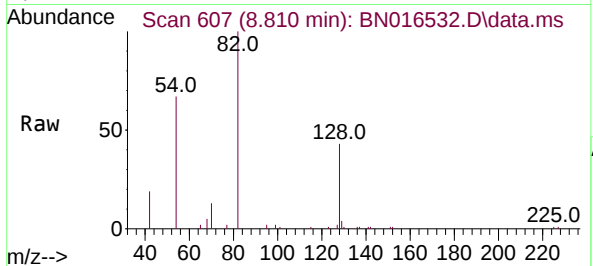




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

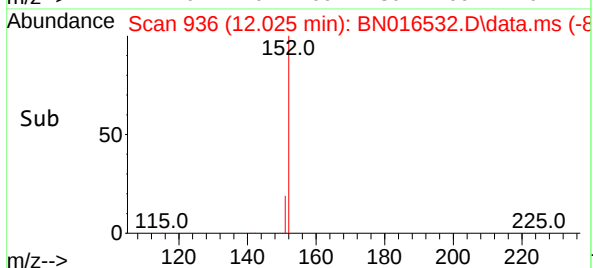
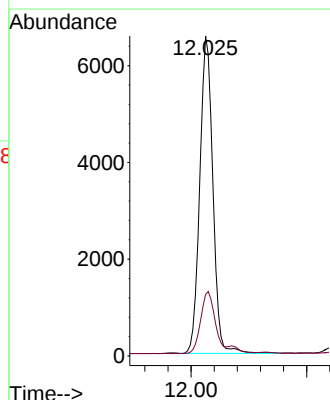
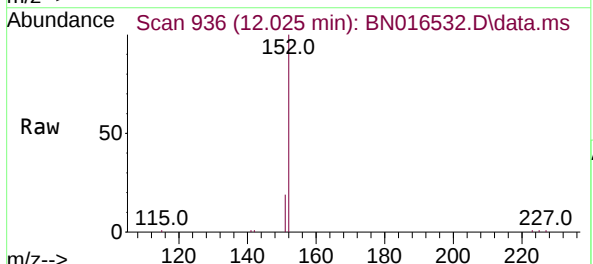
Instrument :
BNA_N
ClientSampleId :

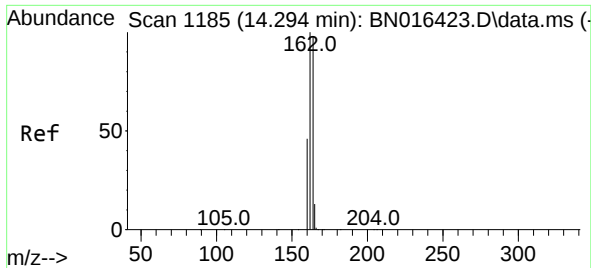
Tgt Ion: 82 Resp: 9631
Ion Ratio Lower Upper
82 100
128 42.5 31.7 47.5
54 66.9 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.162 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:152 Resp: 10346
Ion Ratio Lower Upper
152 100
151 21.5 16.1 24.1

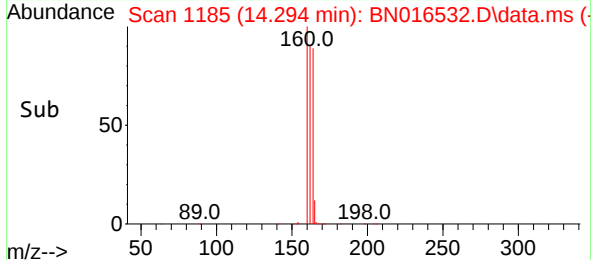
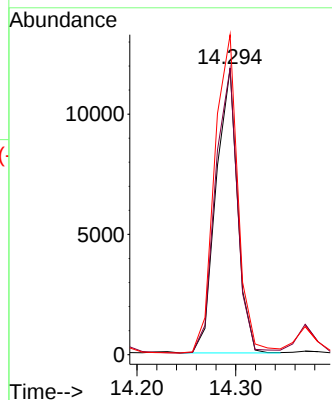
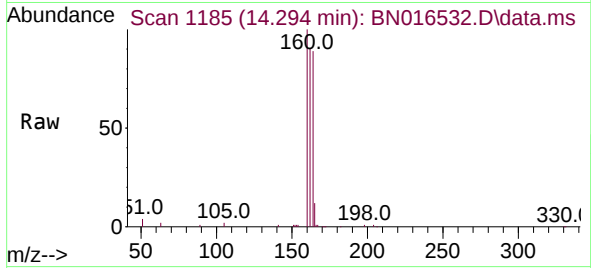




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

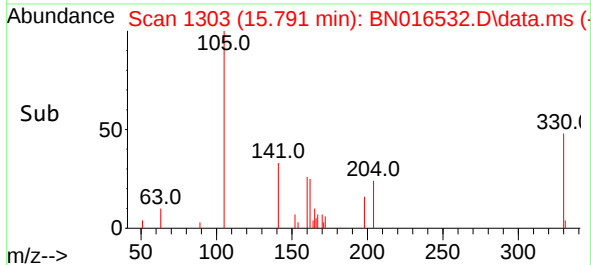
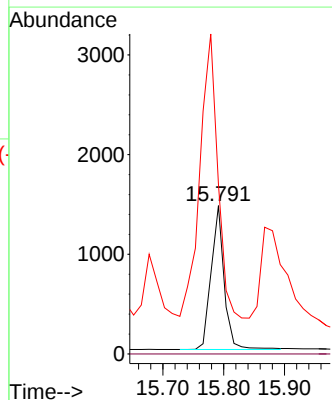
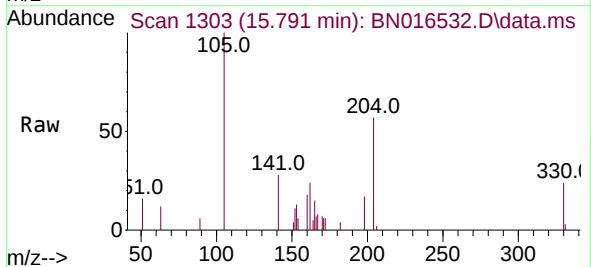
Instrument :
BNA_N
ClientSampleId :

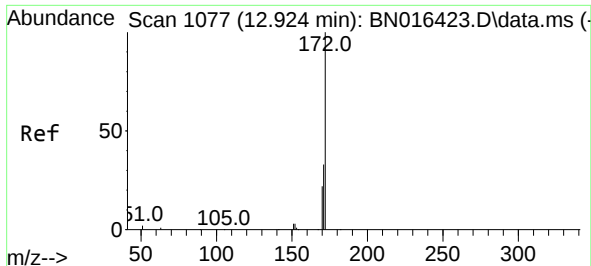
Tgt Ion:164 Resp: 17801
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.4
160 111.8 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:330 Resp: 2160
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 268.8 25.0 37.4#

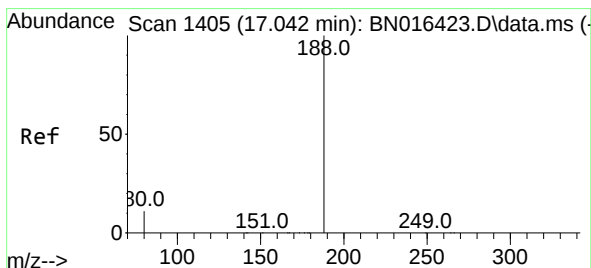
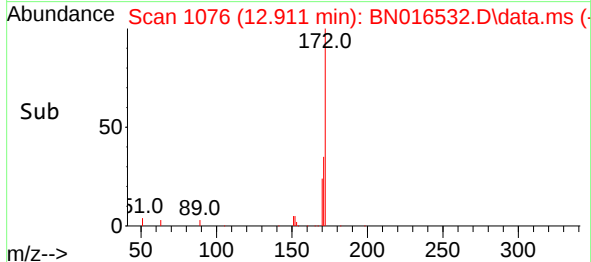
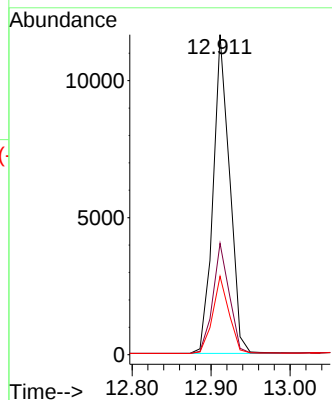
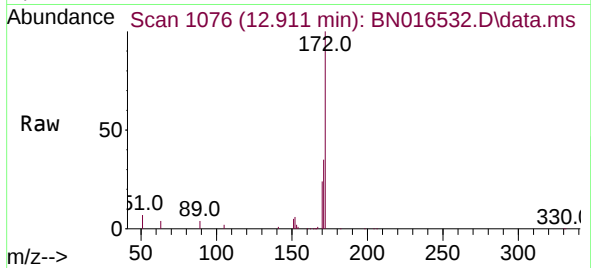




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

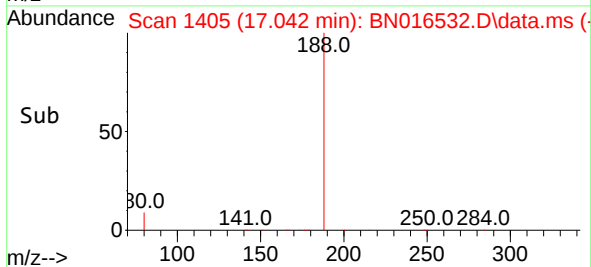
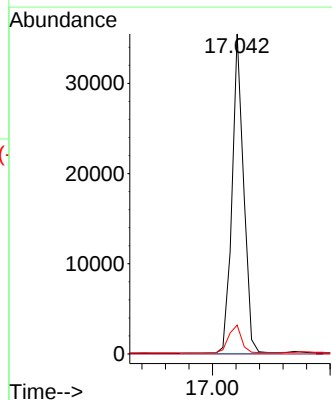
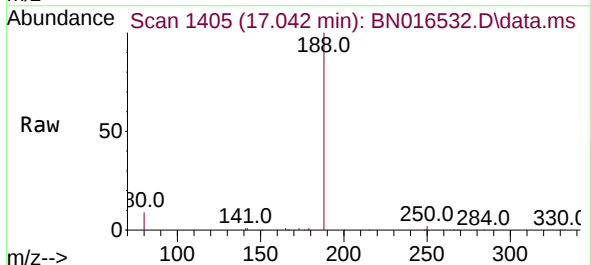
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BNA_N
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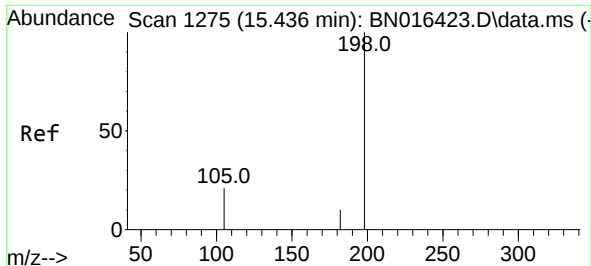
Tgt Ion:172 Resp: 16912
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 24.5 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:188 Resp: 48462
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.0 10.6

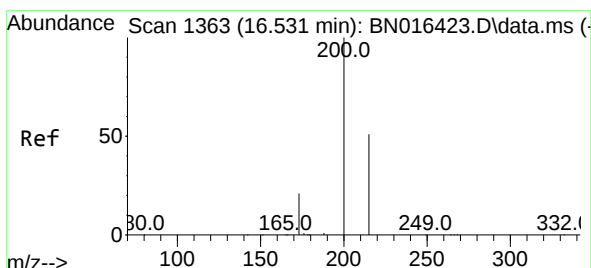
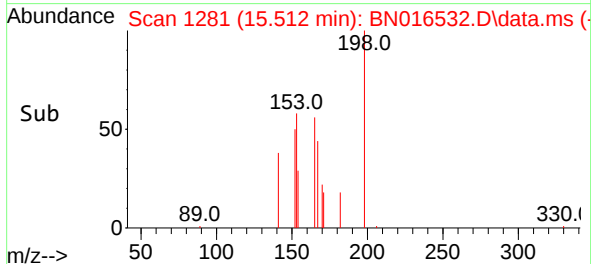
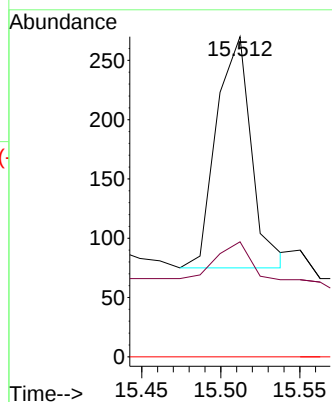
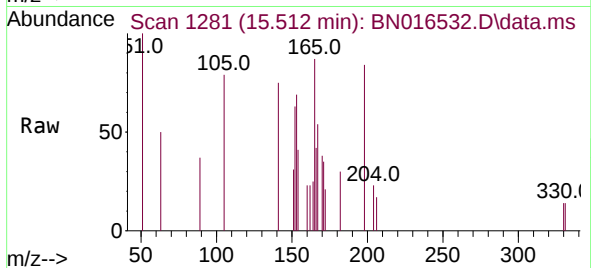




#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.076 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

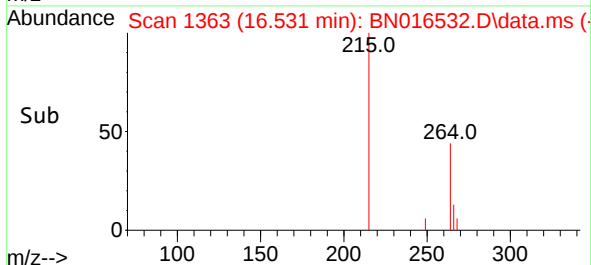
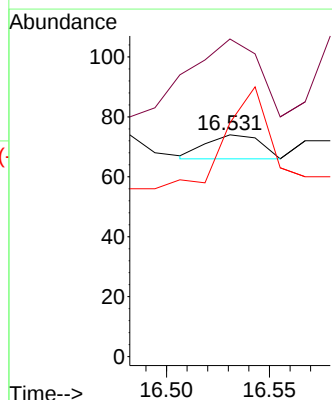
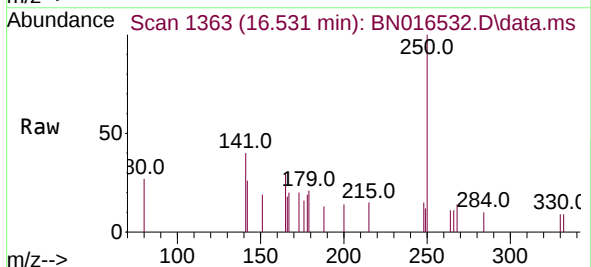
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BNA_N
ClientSampleId :

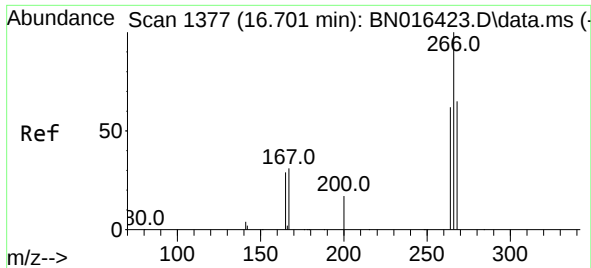
Tgt Ion:198 Resp: 301
Ion Ratio Lower Upper
198 100
182 35.9 26.6 39.8
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:200 Resp: 15
Ion Ratio Lower Upper
200 100
173 143.2 18.7 28.1#
215 105.4 41.6 62.4#

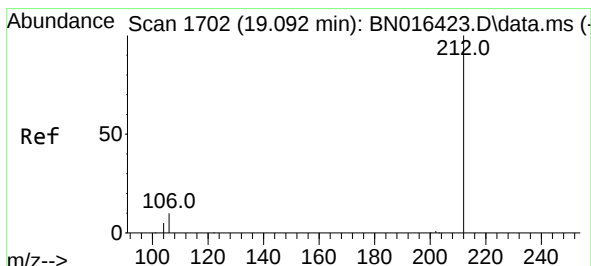
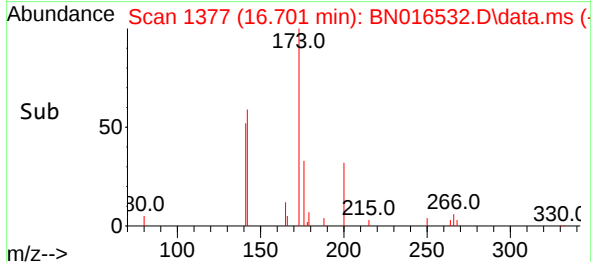
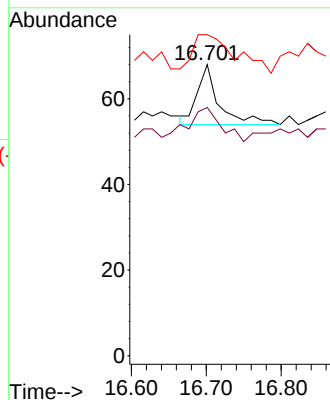
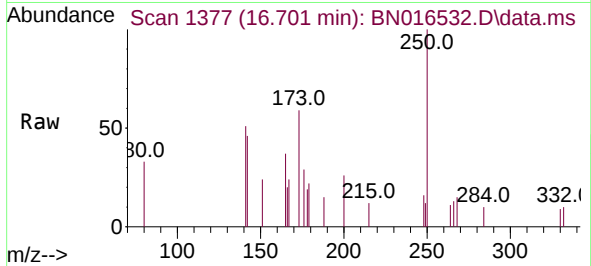




#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

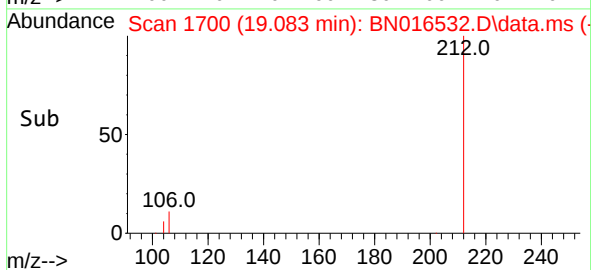
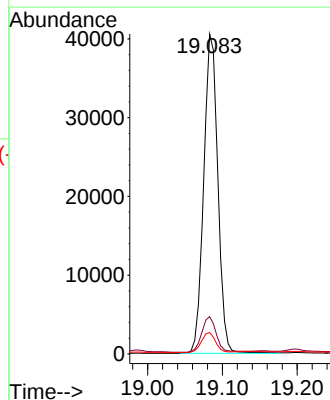
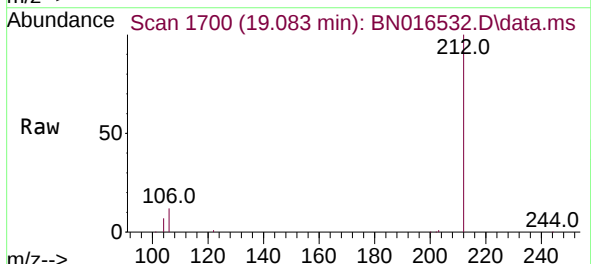
Instrument :
BNA_N
ClientSampleId :

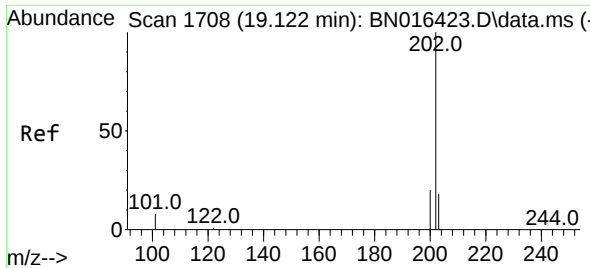
Tgt Ion:	266	Resp:	28
Ion	Ratio	Lower	Upper
266	100		
264	89.3	50.6	75.8#
268	128.6	52.6	79.0#



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:	212	Resp:	53238
Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.8	14.6
104	6.3	5.4	8.2

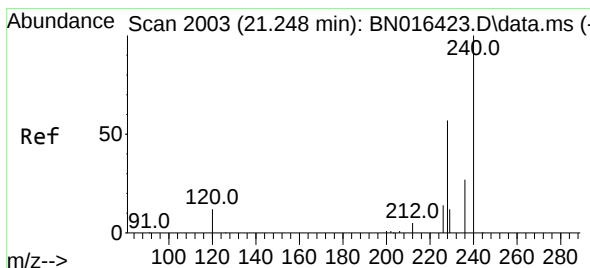
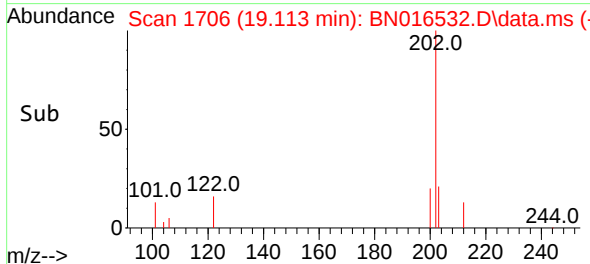
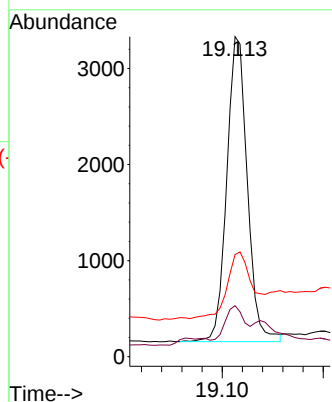
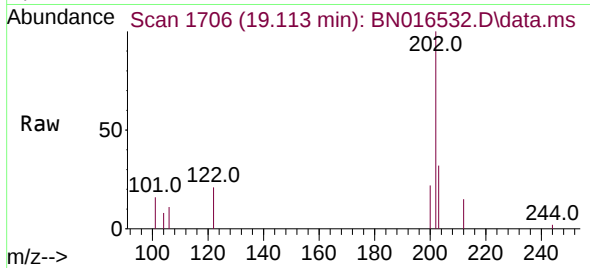




#28
Fluoranthene
Concen: 0.028 ng
RT: 19.113 min Scan# 1706
Delta R.T. -0.010 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

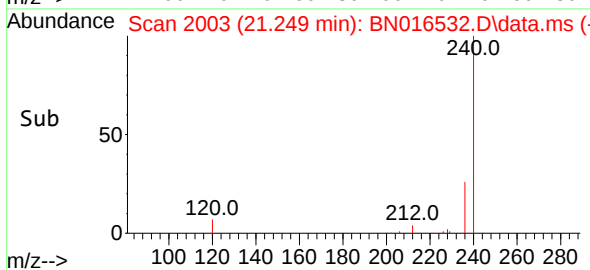
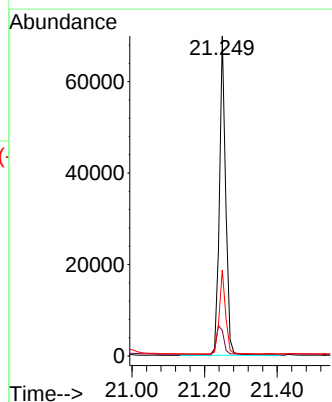
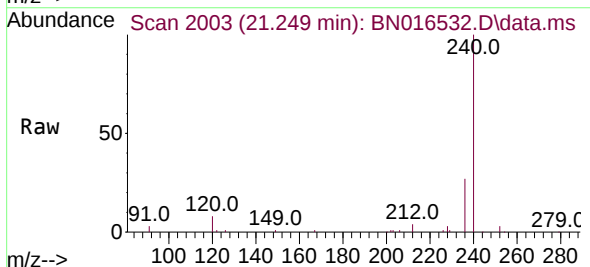
Instrument :
BNA_N
ClientSampleId :

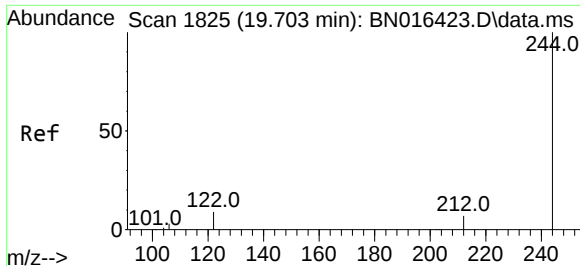
Tgt Ion:202 Resp: 4501
Ion Ratio Lower Upper
202 100
101 10.4 8.5 12.7
203 29.3 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:240 Resp: 83381
Ion Ratio Lower Upper
240 100
120 8.0 5.3 7.9#
236 26.9 19.8 29.8

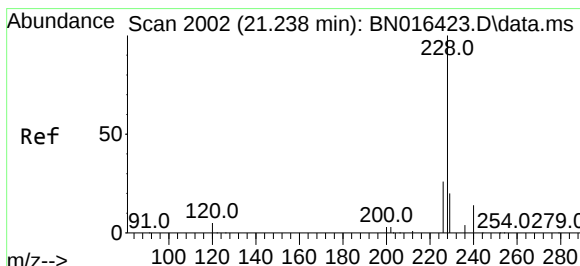
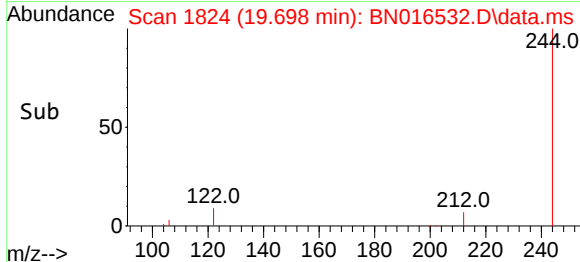
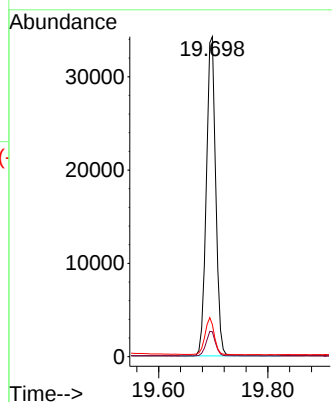
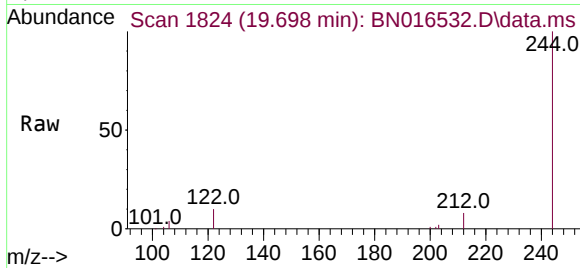




#31
 Terphenyl-d14
 Concen: 0.212 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016532.D
 Acq: 27 Sep 2021 05:03

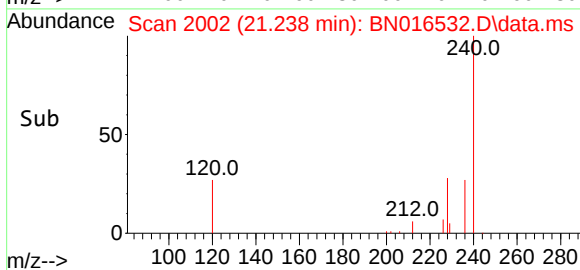
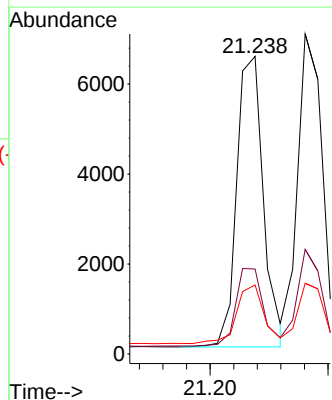
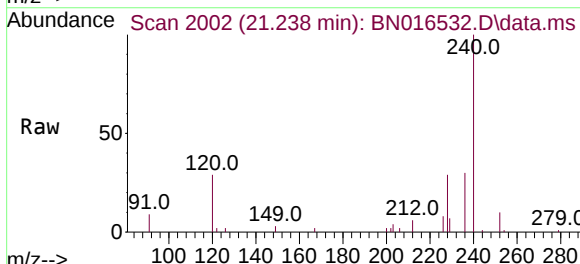
Instrument :
 BNA_N
 ClientSampleId :

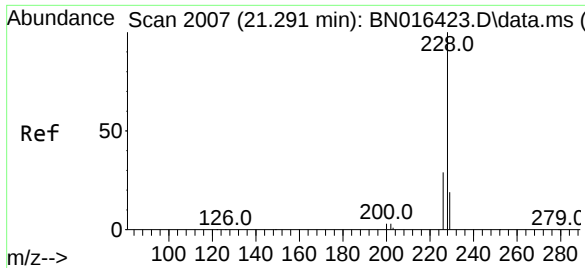
Tgt Ion:244 Resp: 41176
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.5 8.3
 122 10.0 9.0 13.4



#32
 Benzo(a)anthracene
 Concen: 0.042 ng
 RT: 21.238 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BN016532.D
 Acq: 27 Sep 2021 05:03

Tgt Ion:228 Resp: 10144
 Ion Ratio Lower Upper
 228 100
 226 28.5 20.8 31.2
 229 23.2 15.8 23.6

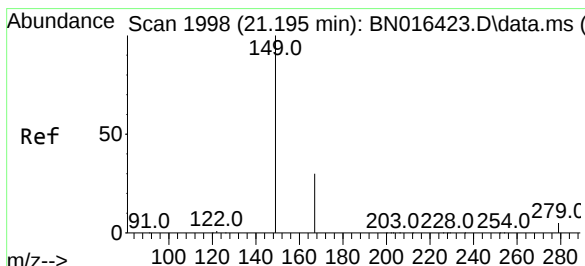
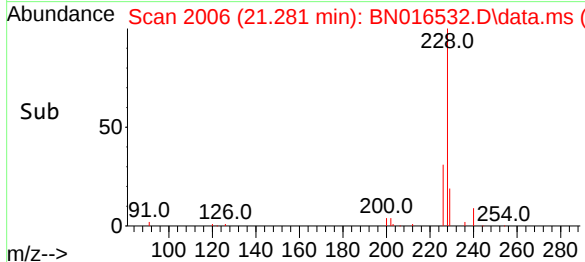
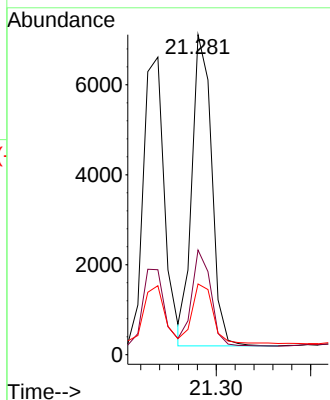
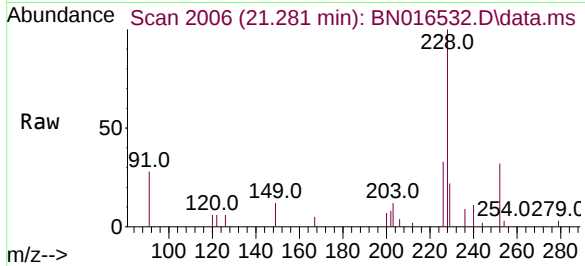




#33
Chrysene
Concen: 0.039 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

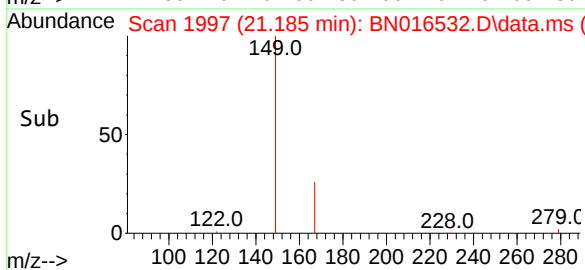
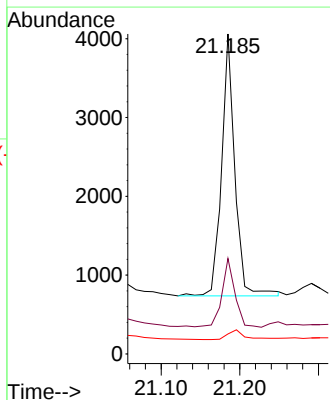
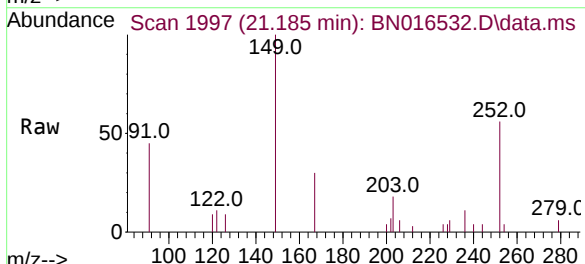
Instrument :
BNA_N
ClientSampleId :

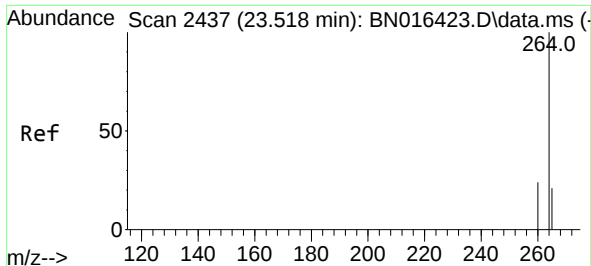
Tgt Ion:	228	Resp:	10037
Ion Ratio	Lower	Upper	
228	100		
226	32.7	23.0	34.4
229	22.1	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

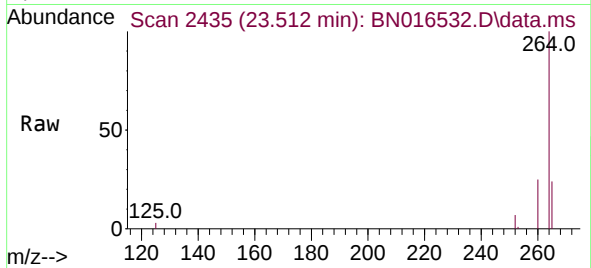
Tgt Ion:	149	Resp:	3883
Ion Ratio	Lower	Upper	
149	100		
167	25.5	23.4	35.0
279	4.6	3.9	5.9



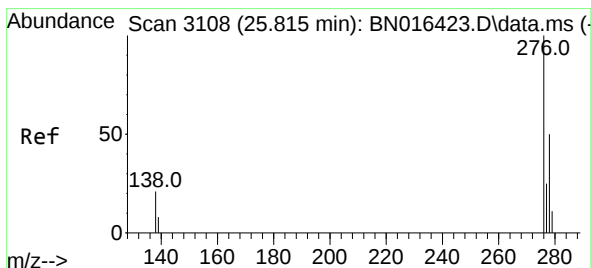
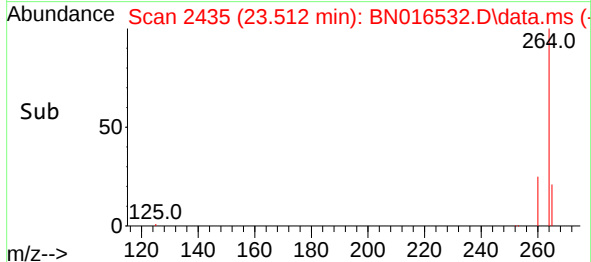
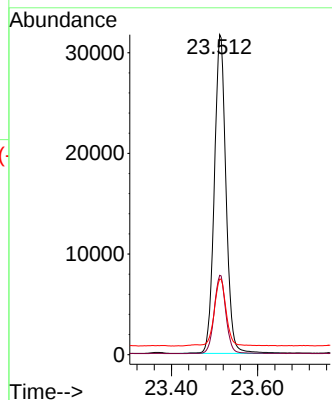


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.512 min Scan# 2435
 Delta R.T. -0.007 min
 Lab File: BN016532.D
 Acq: 27 Sep 2021 05:03

Instrument :
 BNA_N
 ClientSampleId :

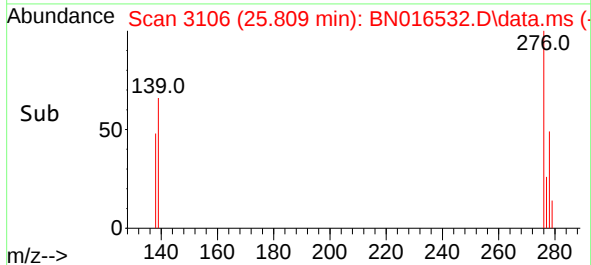
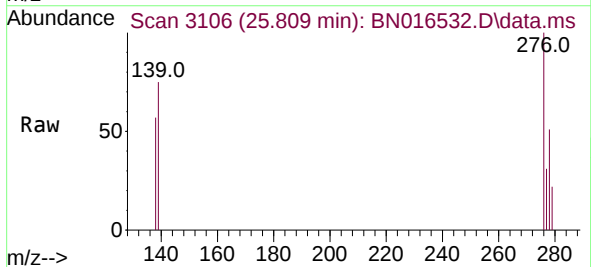
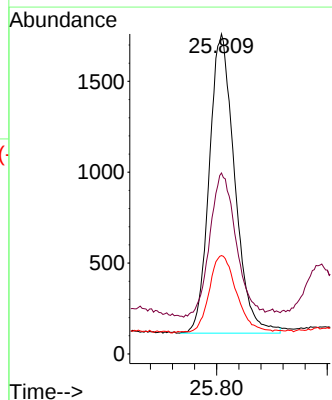


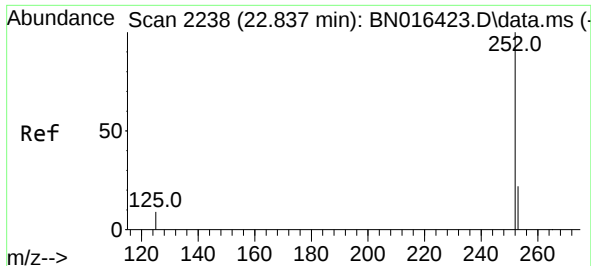
Tgt Ion:264 Resp: 59593
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 23.7 23.7 35.5#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.027 ng
 RT: 25.809 min Scan# 3106
 Delta R.T. -0.007 min
 Lab File: BN016532.D
 Acq: 27 Sep 2021 05:03

Tgt Ion:276 Resp: 5257
 Ion Ratio Lower Upper
 276 100
 138 50.3 19.3 28.9#
 277 27.3 20.2 30.2

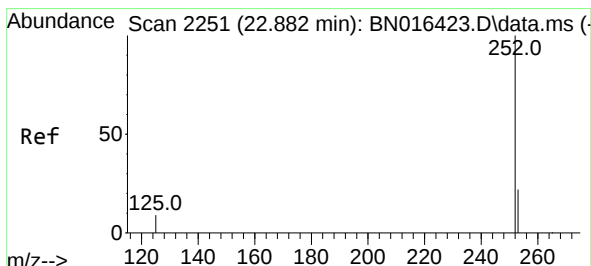
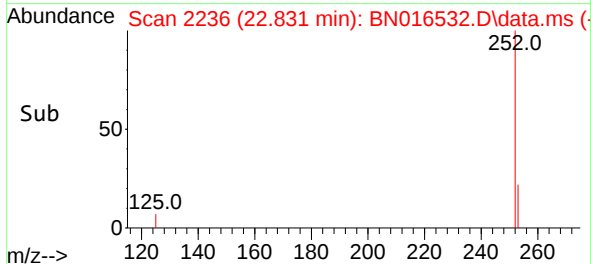
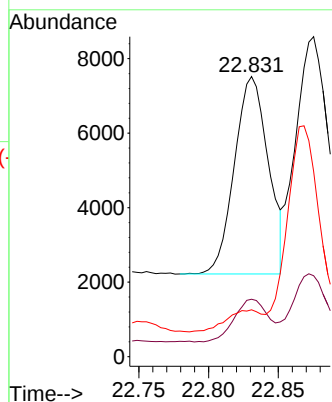
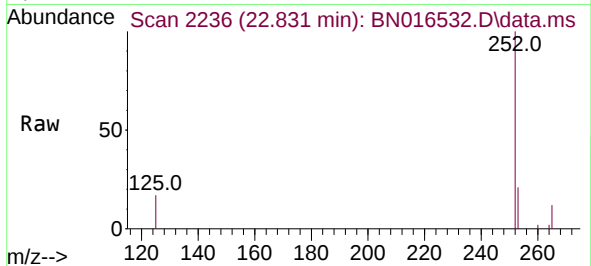




#37
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 22.831 min Scan# 2236
Delta R.T. -0.007 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

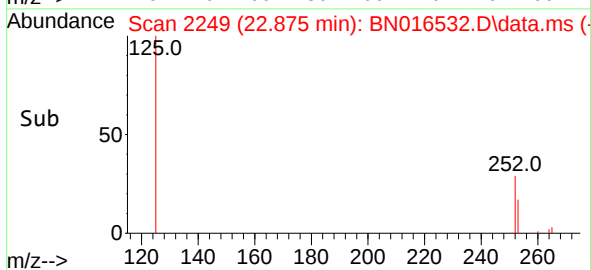
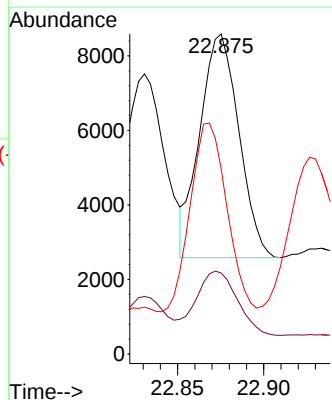
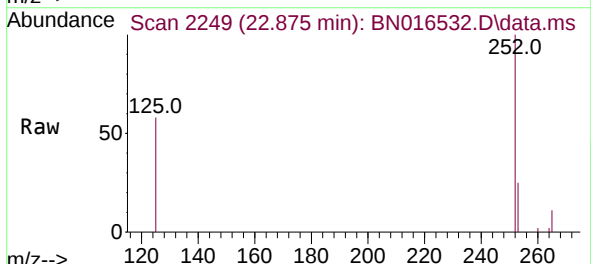
Instrument :
BNA_N
ClientSampleId :

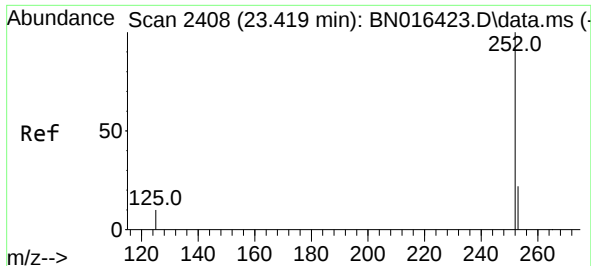
Tgt Ion:252 Resp: 8944
Ion Ratio Lower Upper
252 100
253 20.5 18.2 27.2
125 16.7 8.4 12.6#



#38
Benzo(k)fluoranthene
Concen: 0.049 ng
RT: 22.875 min Scan# 2249
Delta R.T. -0.007 min
Lab File: BN016532.D
Acq: 27 Sep 2021 05:03

Tgt Ion:252 Resp: 9458
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.2
125 57.9 8.2 12.4#





#39

Benzo(a)pyrene

Concen: 0.043 ng

RT: 23.413 min Scan# 2406

Delta R.T. -0.007 min

Lab File: BN016532.D

Acq: 27 Sep 2021 05:03

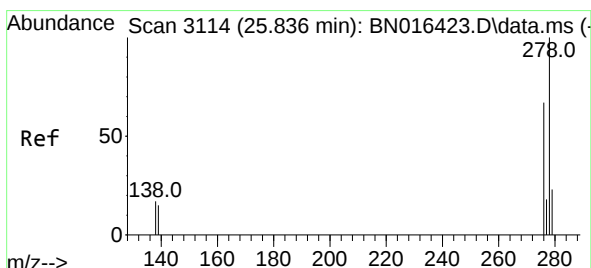
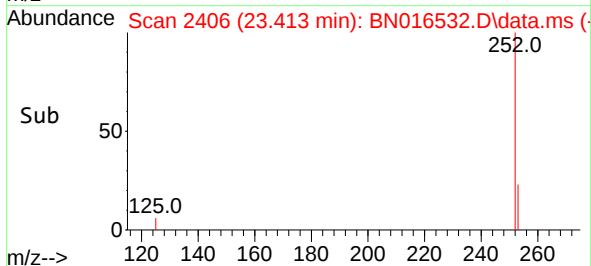
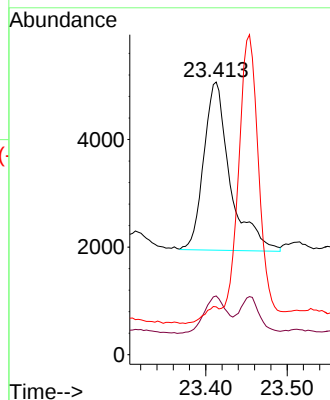
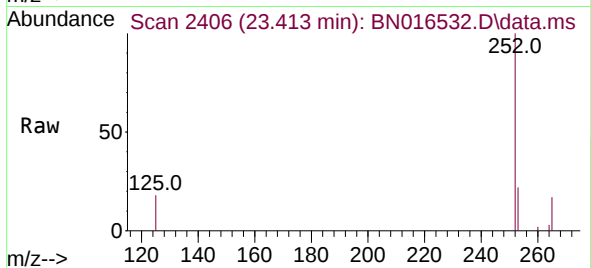
Tgt Ion:252 Resp: 7032

Ion Ratio Lower Upper

252 100

253 21.6 18.7 28.1

125 17.5 9.9 14.9#



#40

Dibenzo(a,h)anthracene

Concen: 0.026 ng

RT: 25.829 min Scan# 3112

Delta R.T. -0.007 min

Lab File: BN016532.D

Acq: 27 Sep 2021 05:03

Tgt Ion:278 Resp: 4246

Ion Ratio Lower Upper

278 100

139 63.5 14.2 21.2#

279 35.5 21.3 31.9#

