

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016451.D
 Acq On : 25 Sep 2021 00:38
 Operator : CG/JU
 Sample : PB139197BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 05:06:34 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)

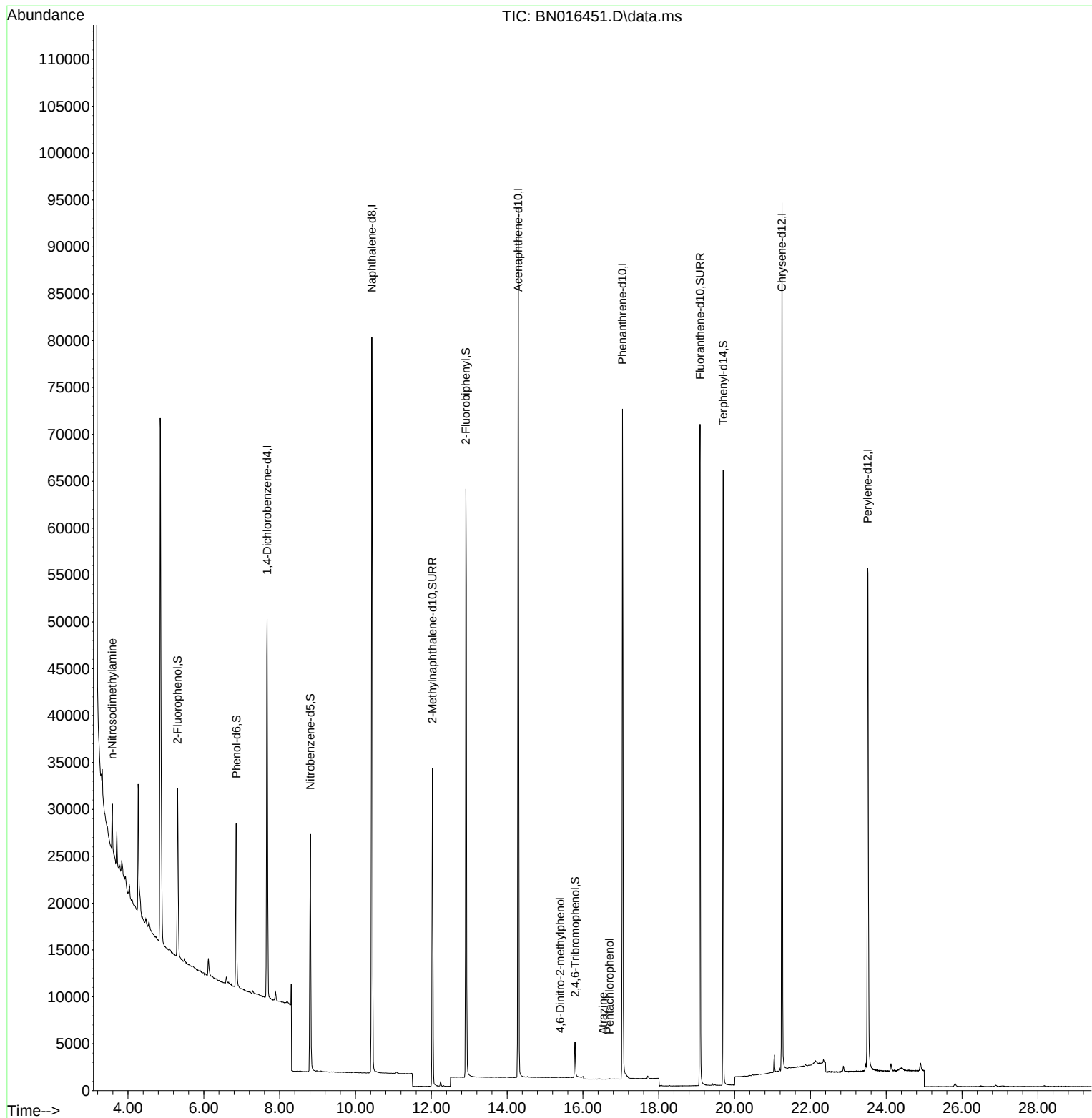
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23418	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	103341	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51841	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101619	0.400	ng	0.00
29) Chrysene-d12	21.249	240	85633	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	74783	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	16366	0.312	ng	0.03
5) Phenol-d6	6.859	99	17469	0.282	ng	0.00
8) Nitrobenzene-d5	8.810	82	19823	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	46336	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3057	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	60646	0.279	ng	-0.01
27) Fluoranthene-d10	19.088	212	83519	0.299	ng	0.00
31) Terphenyl-d14	19.698	244	65202	0.328	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.585	42	638	0.026	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	5	0.148	ng	# 1
23) Atrazine	16.531	200	4	0.135	ng	# 1
24) Pentachlorophenol	16.701	266	34	0.245	ng	# 79

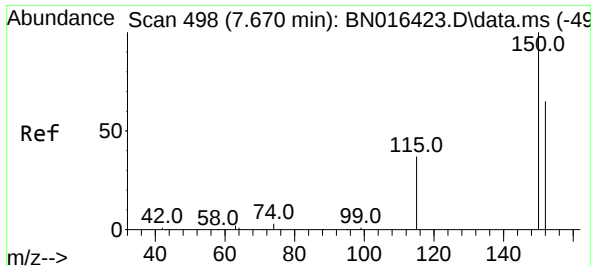
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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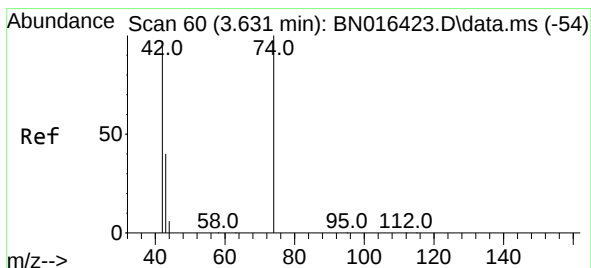
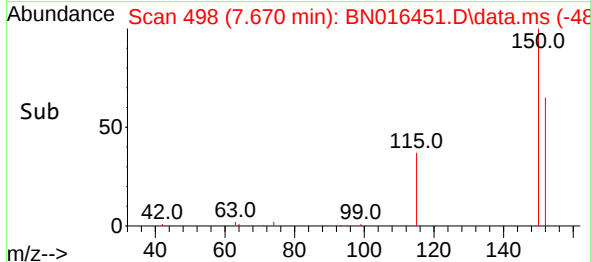
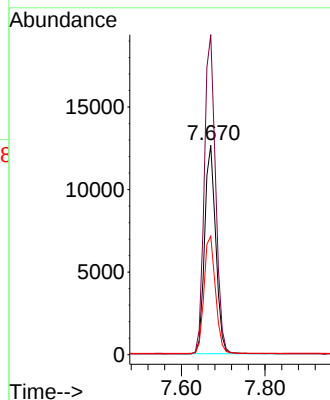
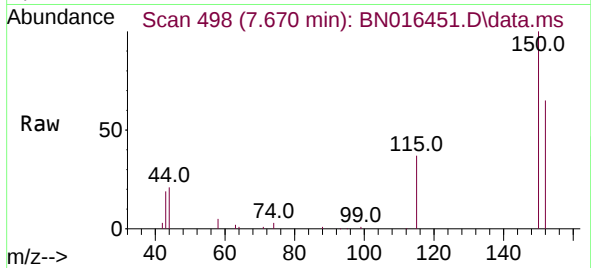




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

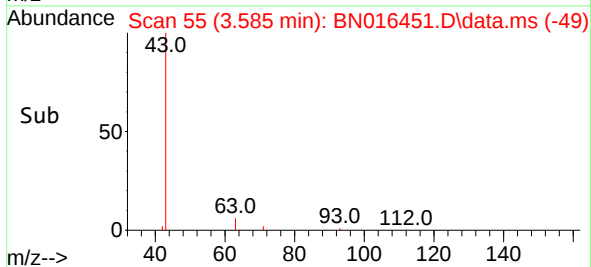
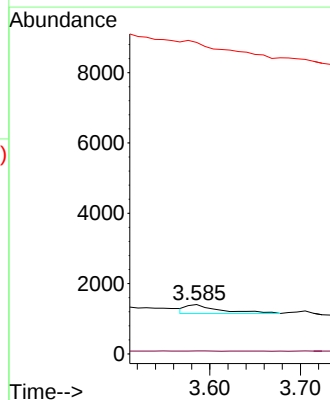
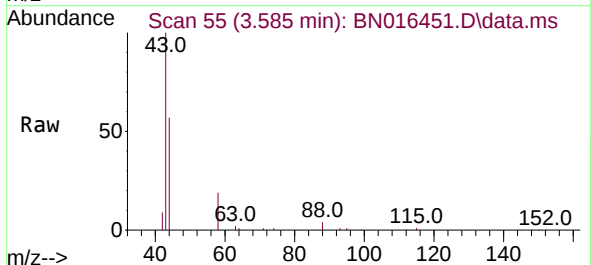
Instrument :
BNA_N
ClientSampleId :

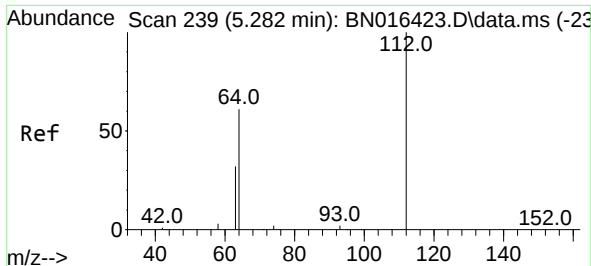
Tgt Ion:152 Resp: 23418
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 56.6 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.585 min Scan# 55
Delta R.T. -0.046 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion: 42 Resp: 638
Ion Ratio Lower Upper
42 100
74 1.6 113.6 170.4#
44 0.0 0.0 0.0

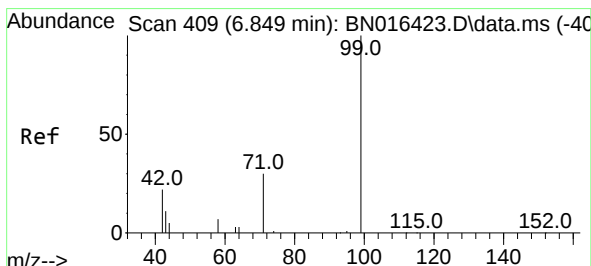
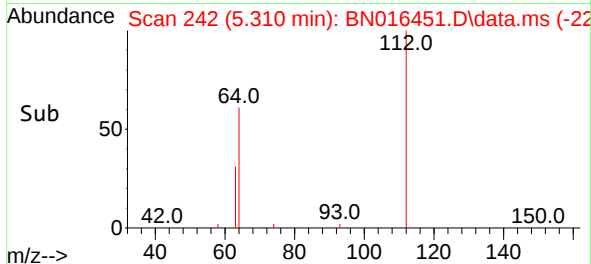
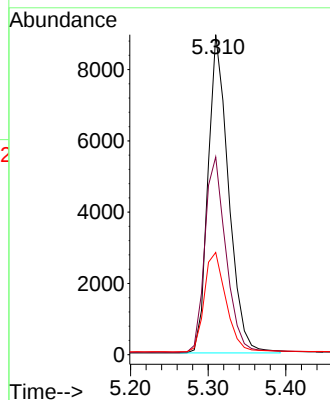
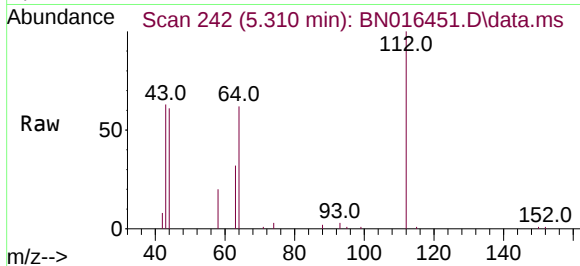




#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

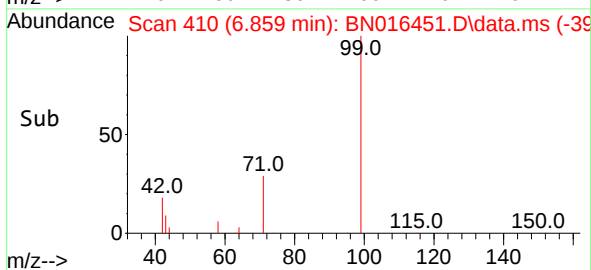
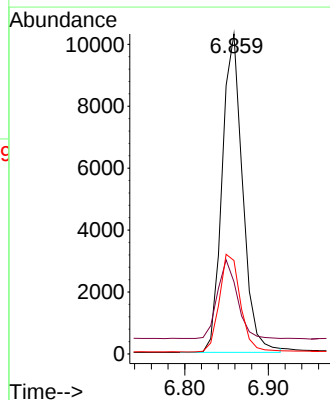
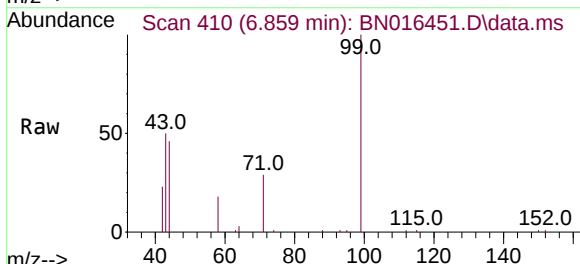
Instrument :
BNA_N
ClientSampleId :

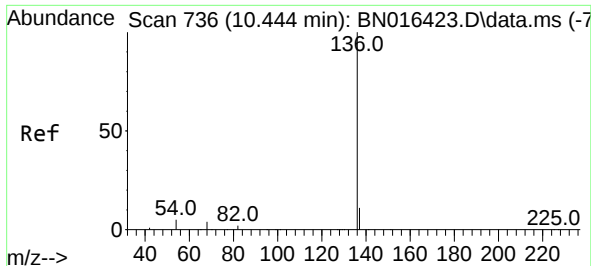
Tgt Ion:112 Resp: 16366
Ion Ratio Lower Upper
112 100
64 63.3 47.3 70.9
63 33.0 23.4 35.0



#5
Phenol-d6
Concen: 0.282 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion: 99 Resp: 17469
Ion Ratio Lower Upper
99 100
42 23.8 14.0 21.0#
71 31.8 23.8 35.6

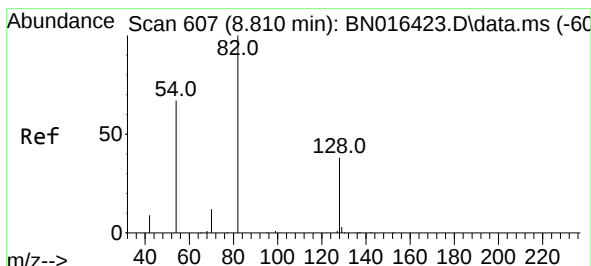
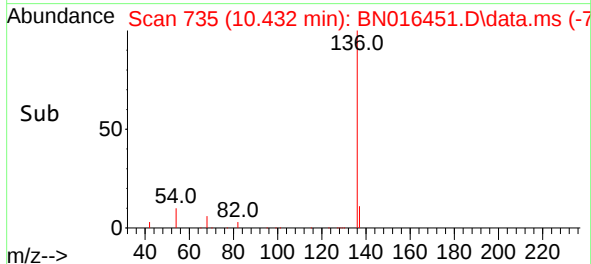
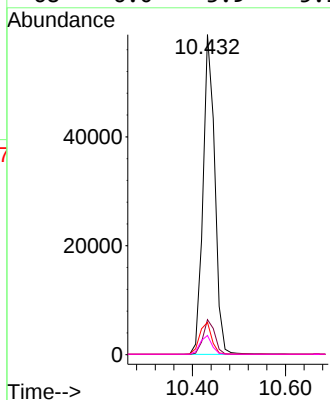
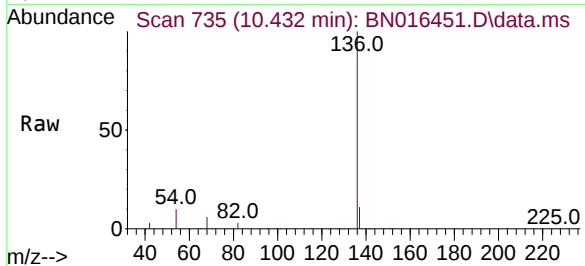




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

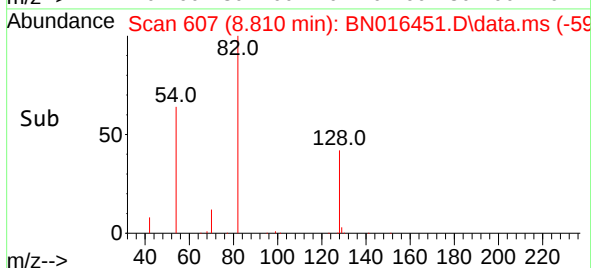
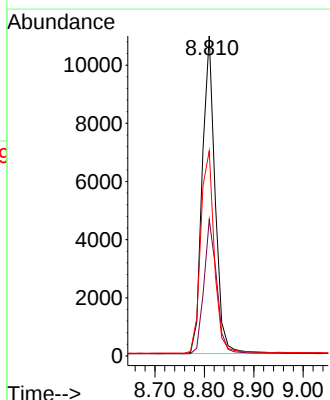
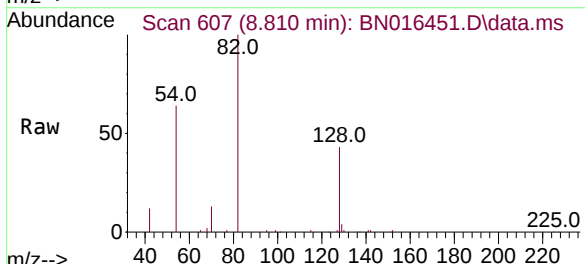
Instrument :
BNA_N
ClientSampleId :

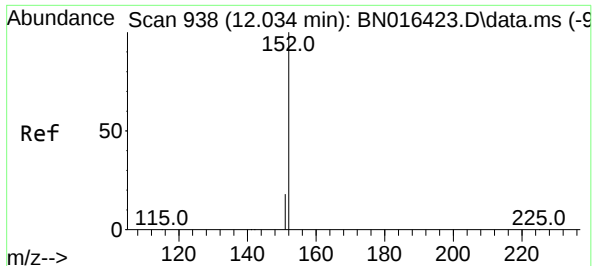
Tgt Ion:	136	Resp:	103341
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	5.3	7.9#
68	6.0	3.9	5.9#



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion:	82	Resp:	19823
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.7	47.5
54	64.1	46.4	69.6

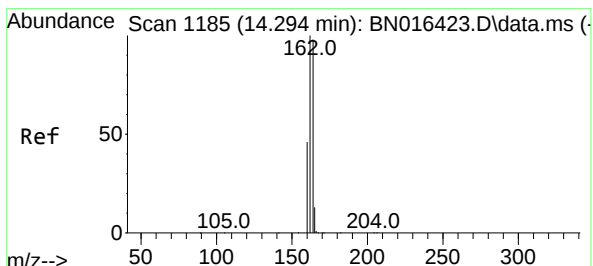
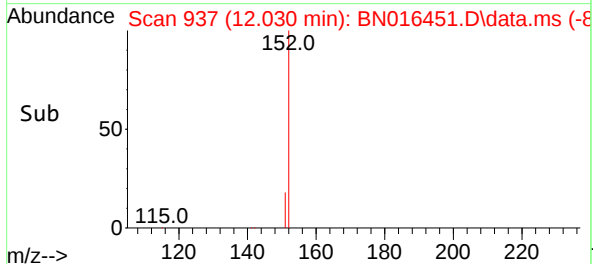
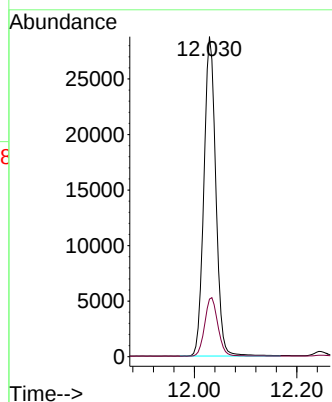
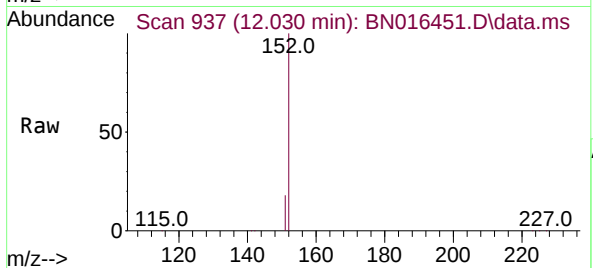




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

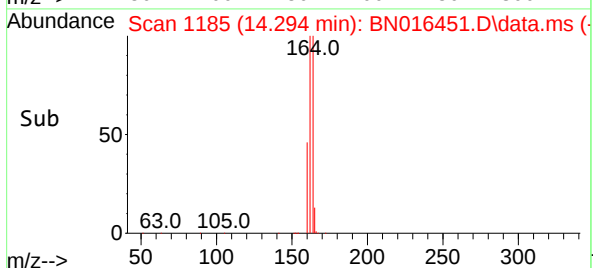
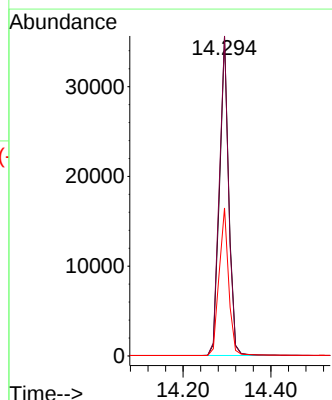
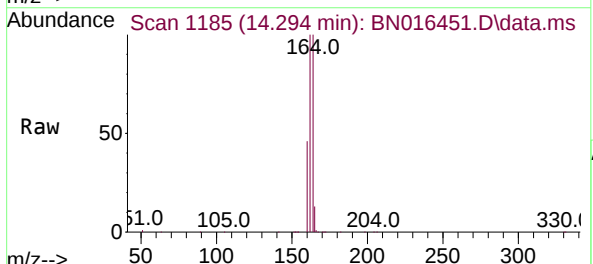
Instrument :
BNA_N
ClientSampleId :

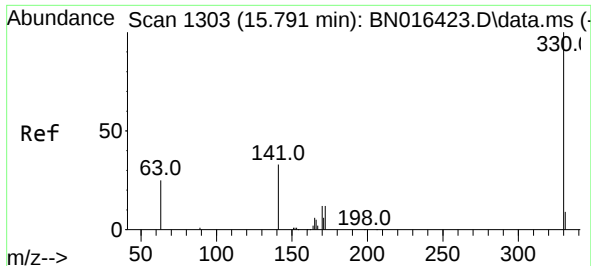
Tgt Ion:152 Resp: 46336
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion:164 Resp: 51841
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.4
160 46.3 34.1 51.1

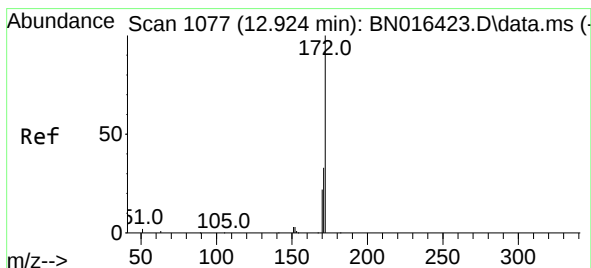
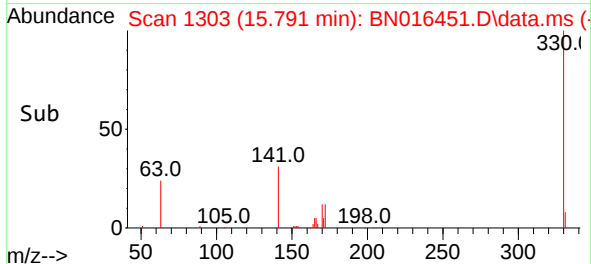
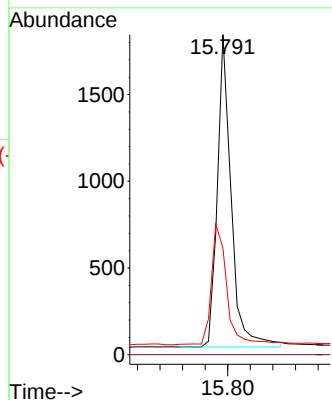
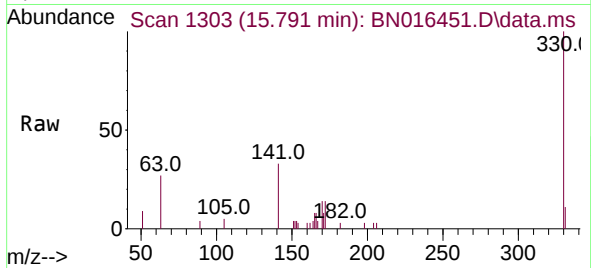




#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

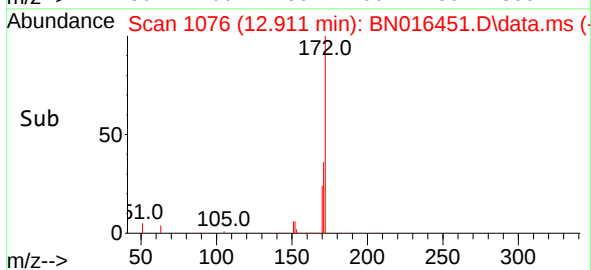
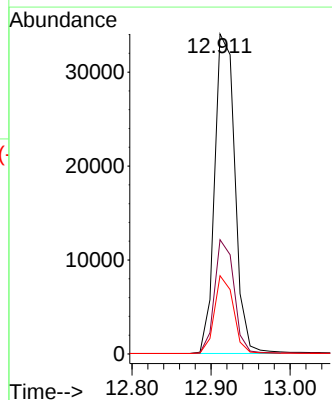
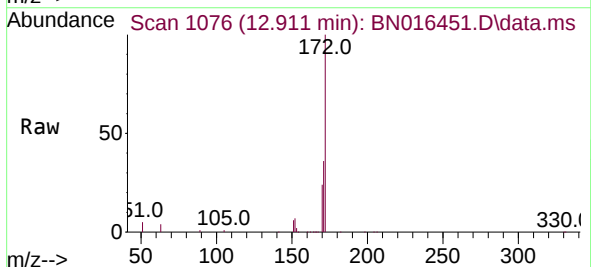
Instrument :
BNA_N
ClientSampleId :

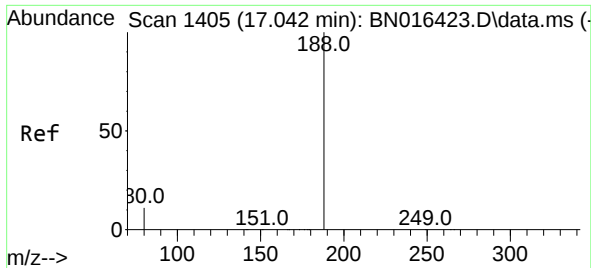
Tgt Ion: 330 Resp: 3057
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion: 172 Resp: 60646
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.5 18.2 27.2

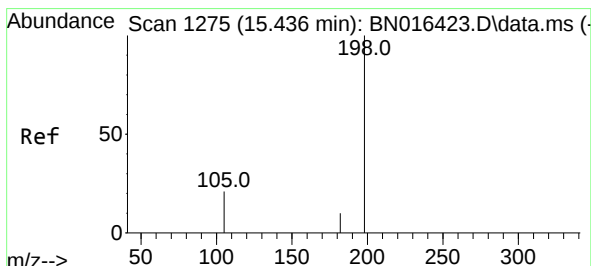
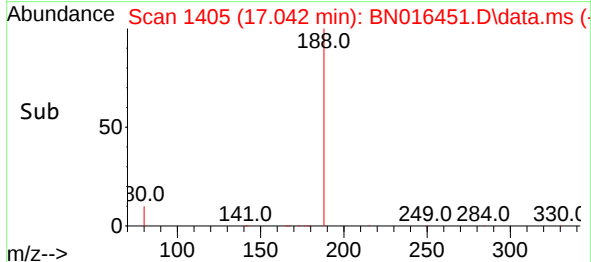
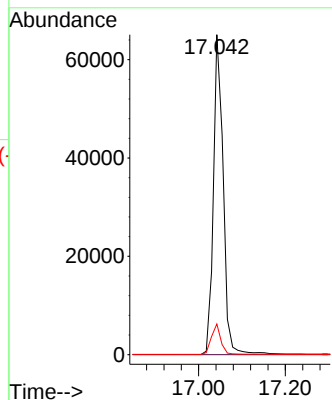
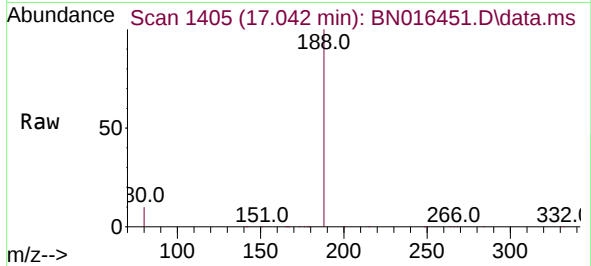




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

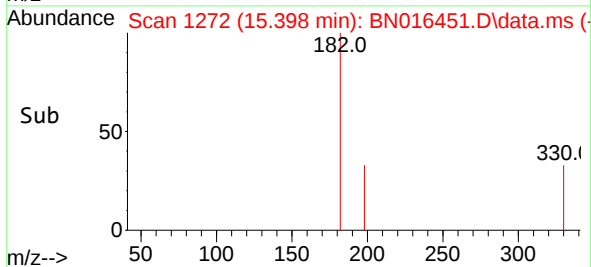
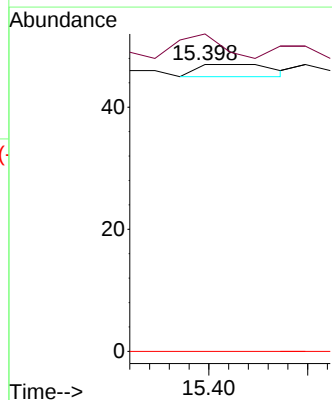
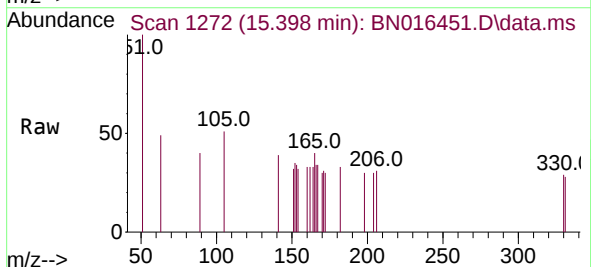
Instrument :
BNA_N
ClientSampleId :

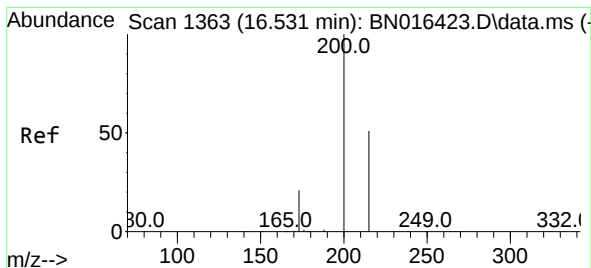
Tgt Ion:188	Resp:	101619
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.6	10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	110.6	26.6
77	0.0	0.0





#23

Atrazine

Concen: 0.135 ng

RT: 16.531 min Scan# 1363

Delta R.T. -0.000 min

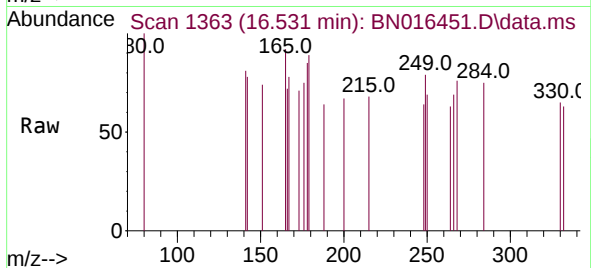
Lab File: BN016451.D

Acq: 25 Sep 2021 00:38

Instrument :

BNA_N

ClientSampleId :



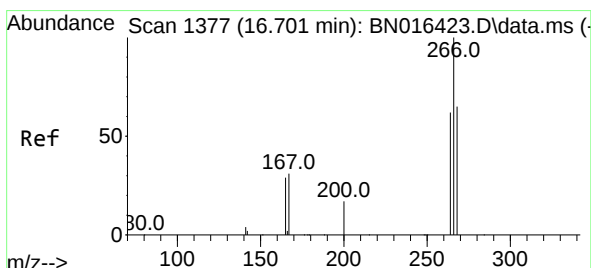
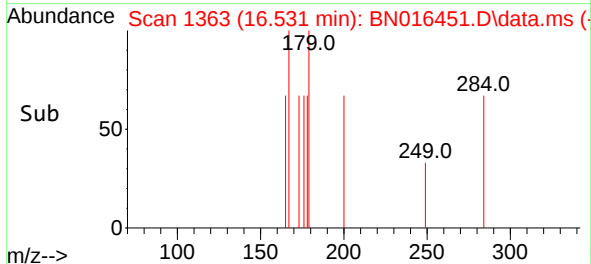
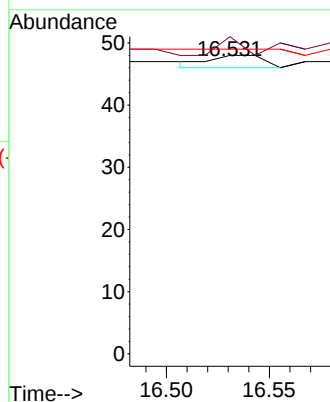
Tgt Ion:200 Resp: 4

Ion Ratio Lower Upper

200 100

173 106.3 18.7 28.1#

215 102.1 41.6 62.4#



#24

Pentachlorophenol

Concen: 0.245 ng

RT: 16.701 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BN016451.D

Acq: 25 Sep 2021 00:38

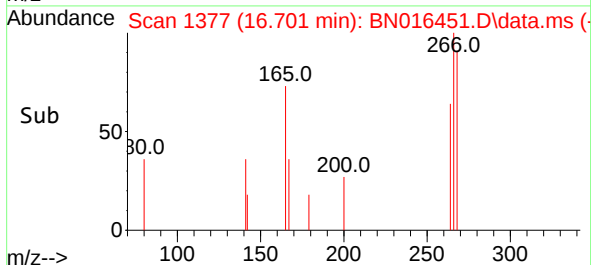
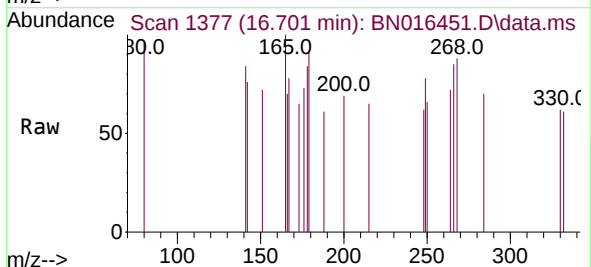
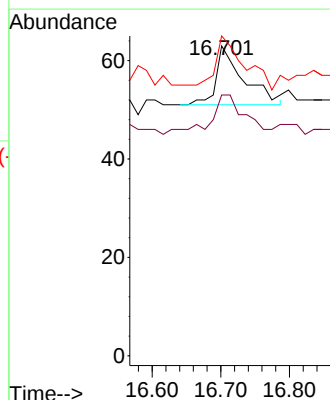
Tgt Ion:266 Resp: 34

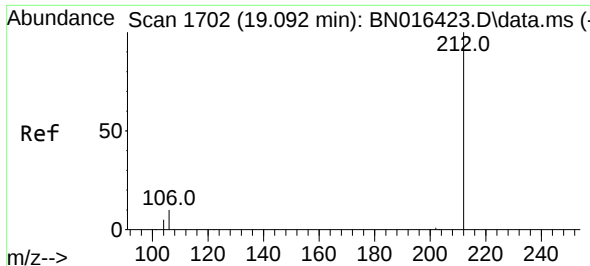
Ion Ratio Lower Upper

266 100

264 64.7 50.6 75.8

268 97.1 52.6 79.0#

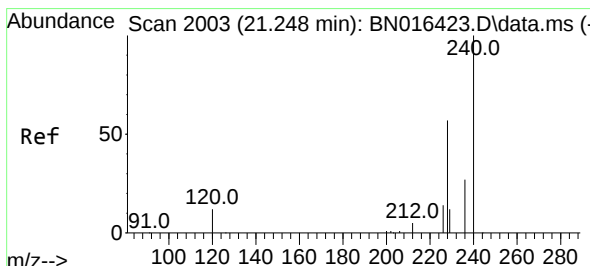
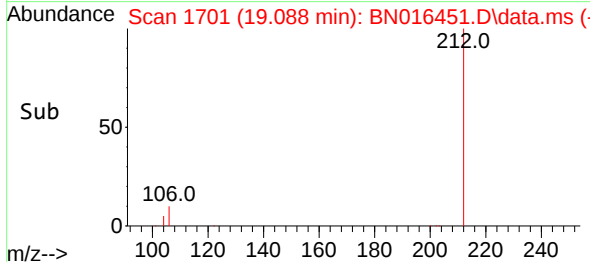
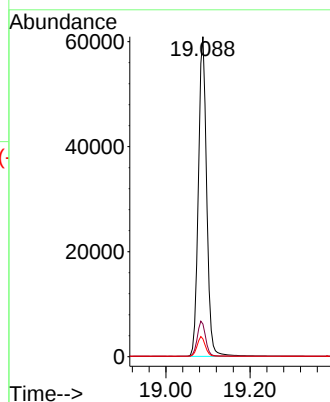
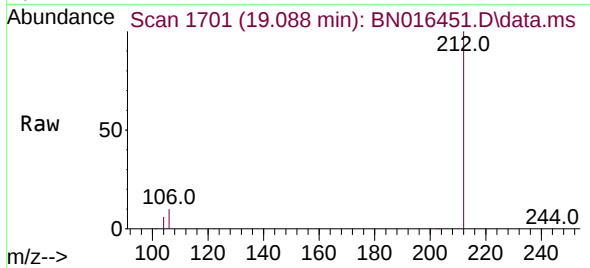




#27
Fluoranthene-d10
Concen: 0.299 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

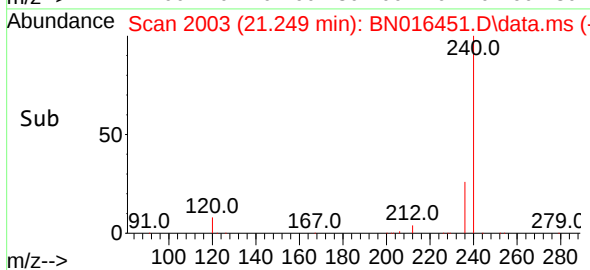
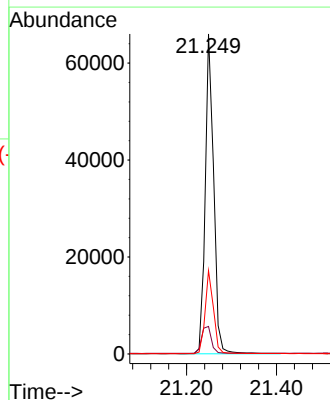
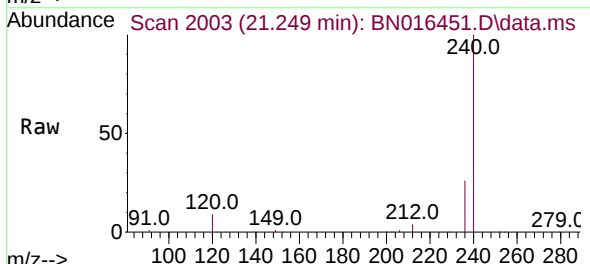
Instrument :
BNA_N
ClientSampleId :

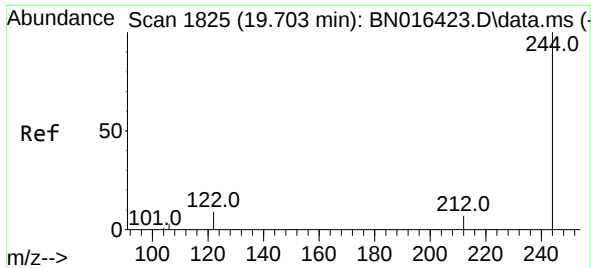
Tgt Ion:212 Resp: 83519
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion:240 Resp: 85633
Ion Ratio Lower Upper
240 100
120 8.6 5.3 7.9#
236 26.1 19.8 29.8

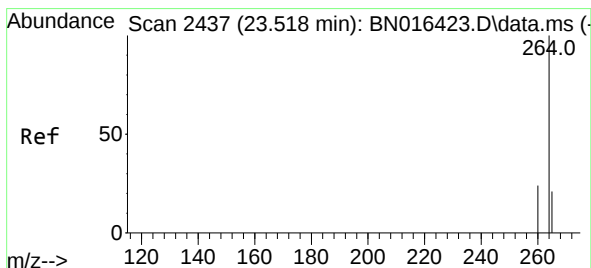
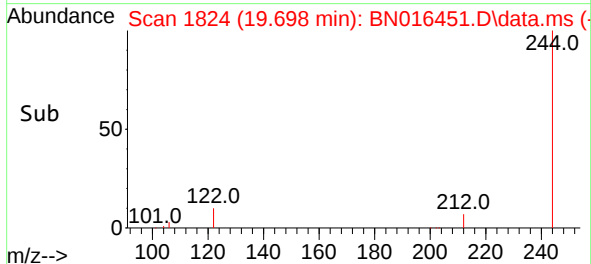
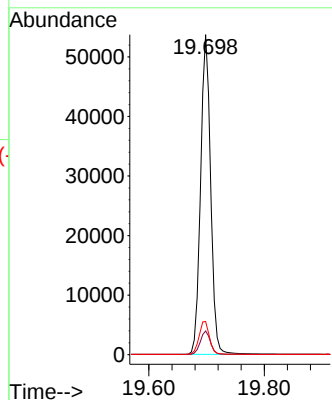
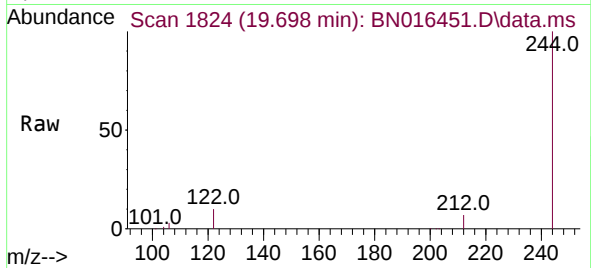




#31
Terphenyl-d14
Concen: 0.328 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 65202
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.3 9.0 13.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.512 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BN016451.D
Acq: 25 Sep 2021 00:38

Tgt Ion:264 Resp: 74783
Ion Ratio Lower Upper
264 100
260 24.5 18.9 28.3
265 24.3 23.7 35.5

