

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016436.D
 Acq On : 24 Sep 2021 12:22
 Operator : CG/JU
 Sample : PB139115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139115BL

Quant Time: Sep 24 12:59:00 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)

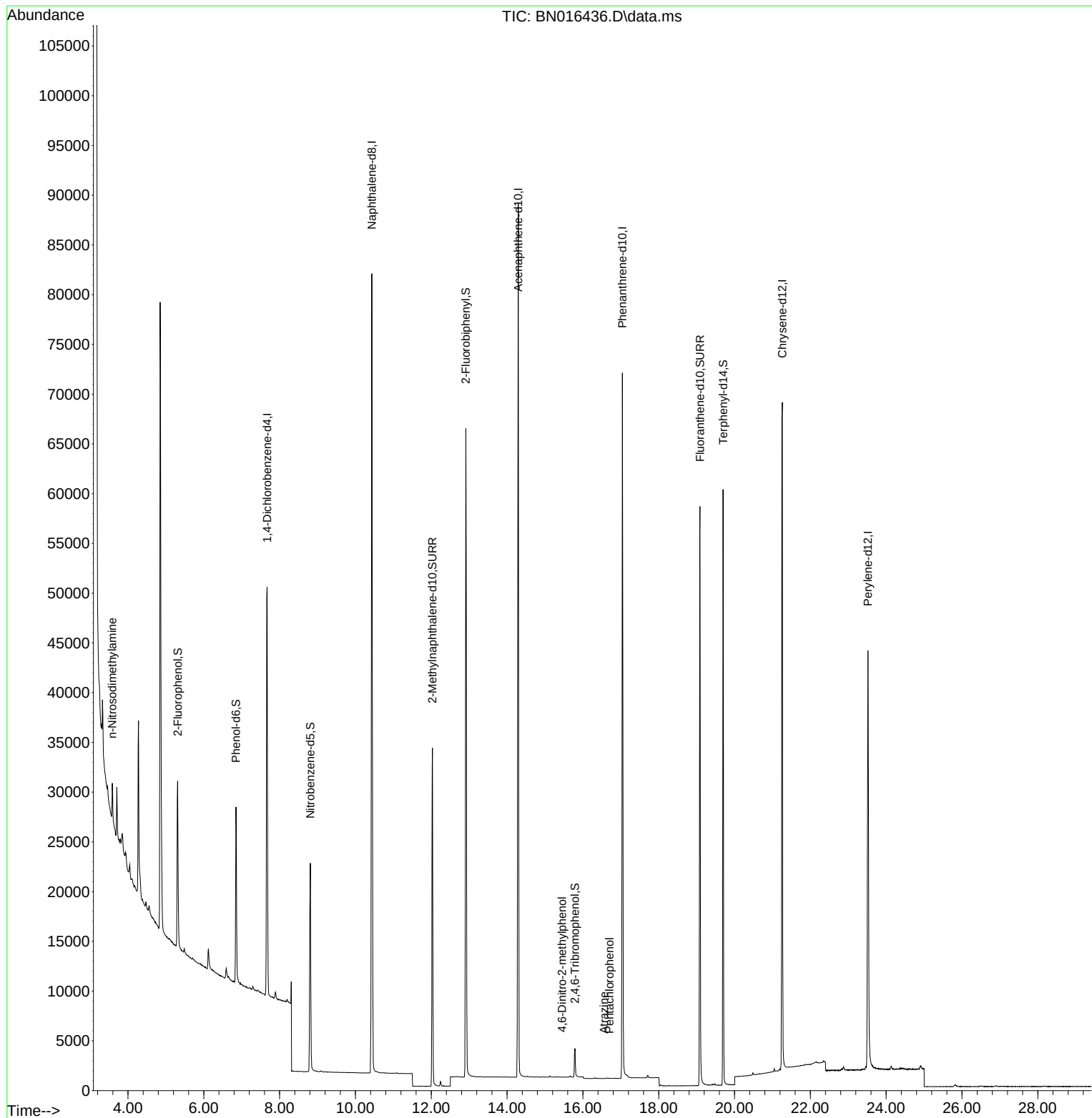
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23732	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	103173	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50437	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	95945	0.400	ng	0.00
29) Chrysene-d12	21.259	240	73974	0.400	ng	# 0.01
35) Perylene-d12	23.518	264	60477	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	15444	0.290	ng	0.03
5) Phenol-d6	6.849	99	16269	0.259	ng	0.00
8) Nitrobenzene-d5	8.809	82	16864	0.231	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	45520	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2324	0.248	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	60188	0.284	ng	-0.01
27) Fluoranthene-d10	19.087	212	72006	0.273	ng	0.00
31) Terphenyl-d14	19.698	244	58817	0.342	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.585	42	594	0.024	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.448	198	3	0.148	ng	# 1
23) Atrazine	16.555	200	7	0.135	ng	# 2
24) Pentachlorophenol	16.701	266	25	0.245	ng	# 87

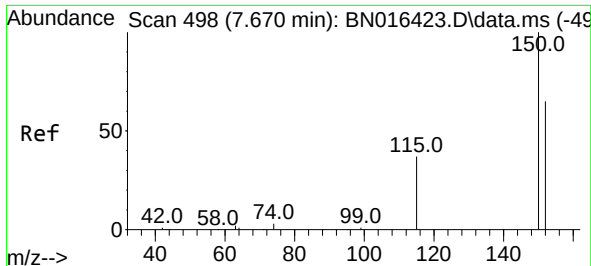
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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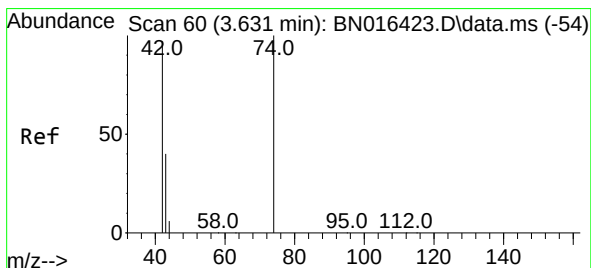
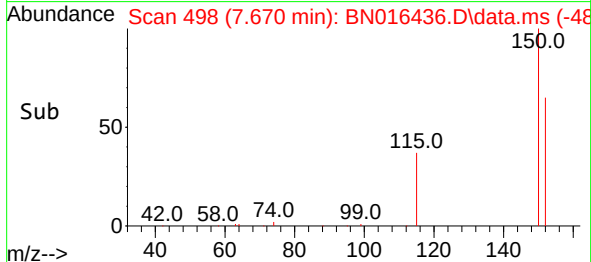
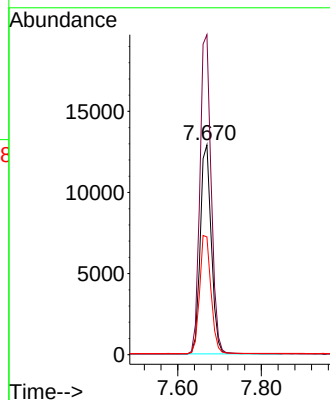
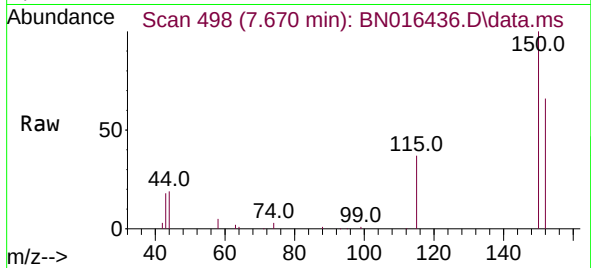




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

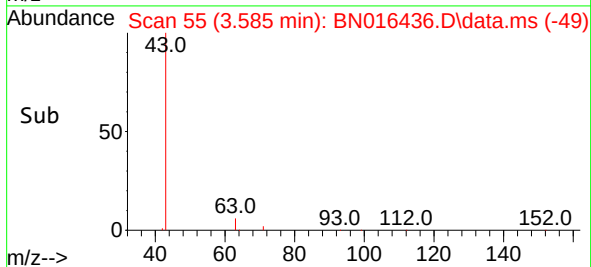
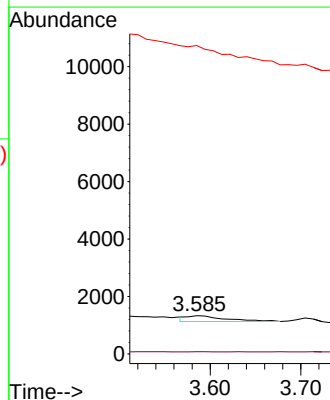
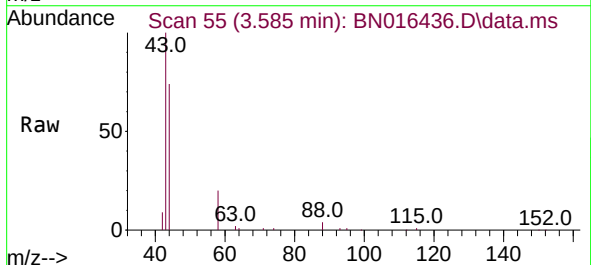
Instrument :
BNA_N
ClientSampleId :
PB139115BL

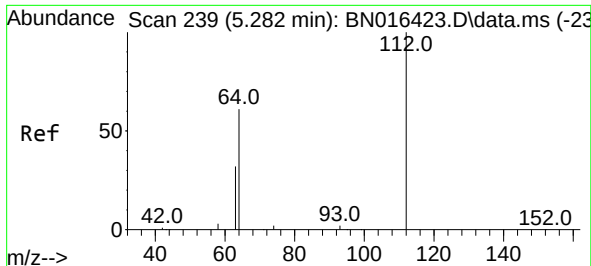
Tgt Ion:152 Resp: 23732
Ion Ratio Lower Upper
152 100
150 152.6 125.6 188.4
115 56.2 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.585 min Scan# 55
Delta R.T. -0.046 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 42 Resp: 594
Ion Ratio Lower Upper
42 100
74 1.0 113.6 170.4#
44 0.0 0.0 0.0

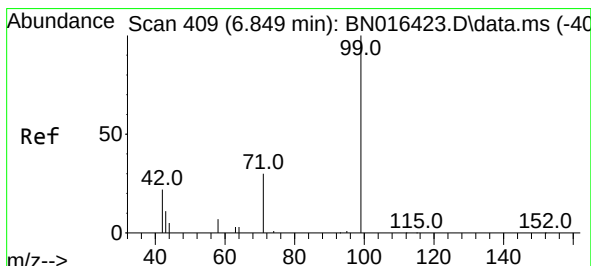
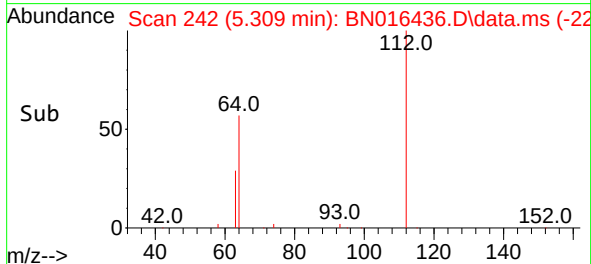
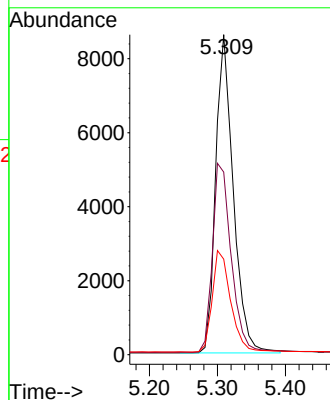
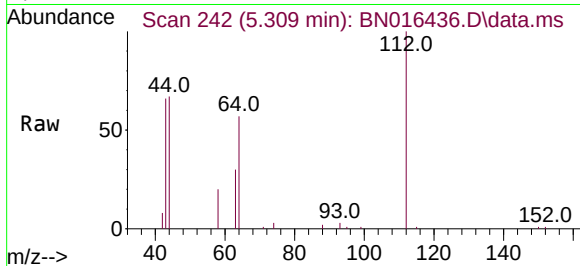




#4
2-Fluorophenol
Concen: 0.290 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

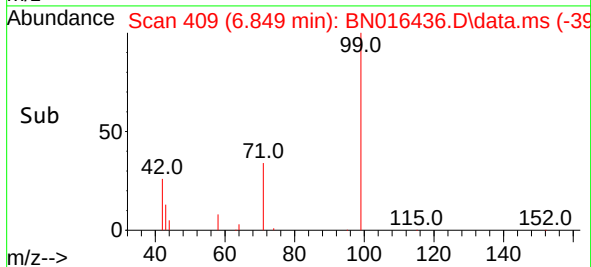
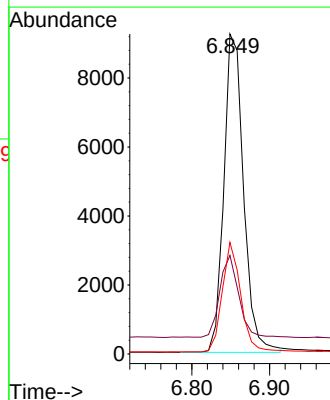
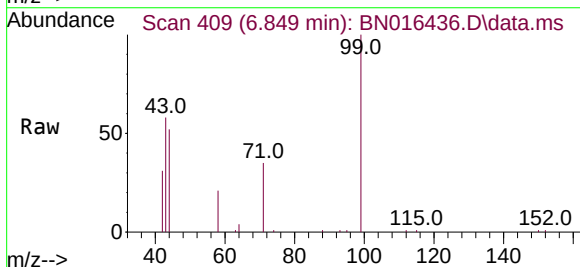
Instrument :
BNA_N
ClientSampleId :
PB139115BL

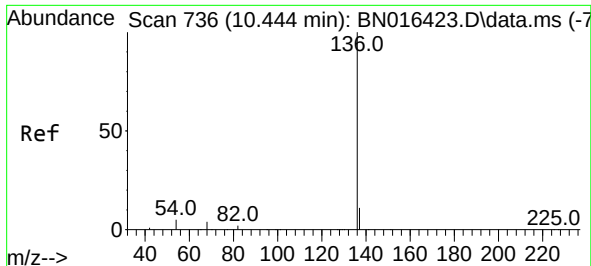
Tgt Ion:112 Resp: 15444
Ion Ratio Lower Upper
112 100
64 63.4 47.3 70.9
63 33.3 23.4 35.0



#5
Phenol-d6
Concen: 0.259 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 99 Resp: 16269
Ion Ratio Lower Upper
99 100
42 25.0 14.0 21.0#
71 32.3 23.8 35.6

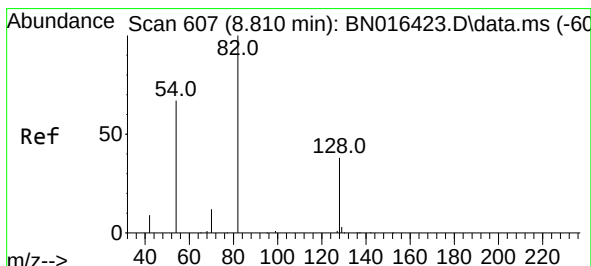
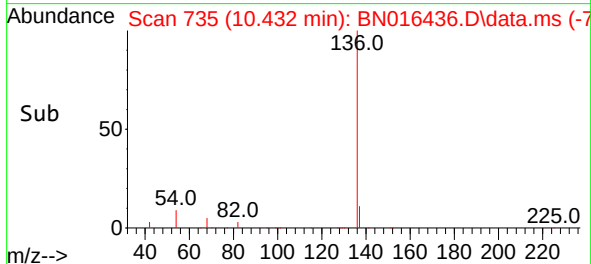
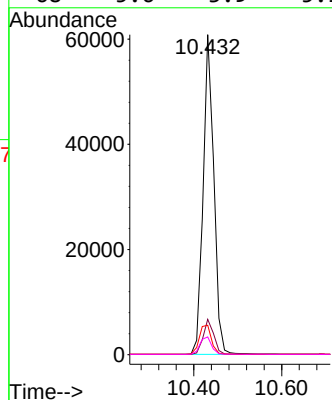
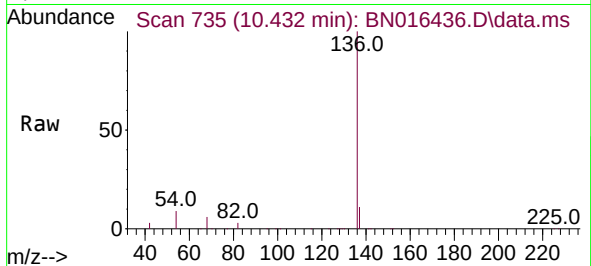




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

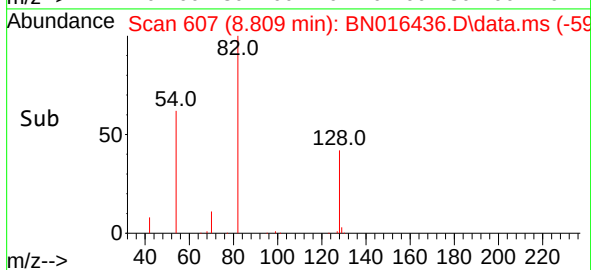
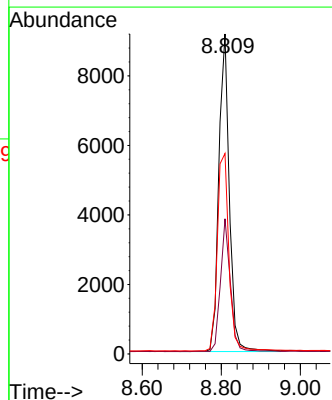
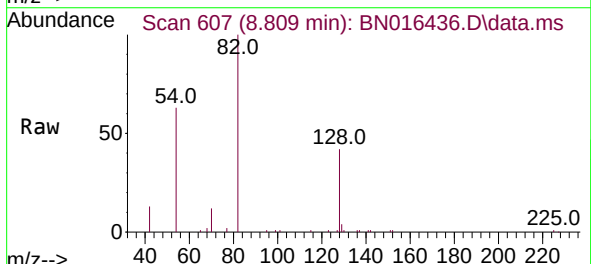
Instrument :
BNA_N
ClientSampleId :
PB139115BL

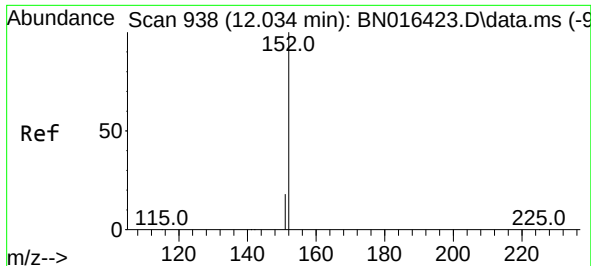
Tgt Ion:	136	Resp:	103173
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.2	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:	82	Resp:	16864
Ion Ratio	Lower	Upper	
82	100		
128	42.3	31.7	47.5
54	62.6	46.4	69.6

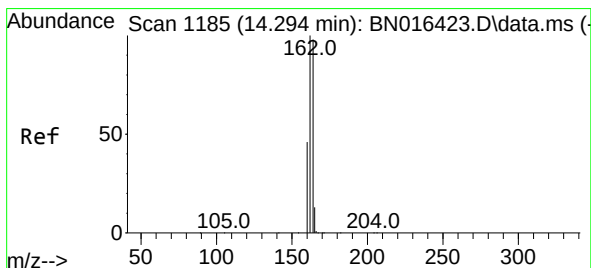
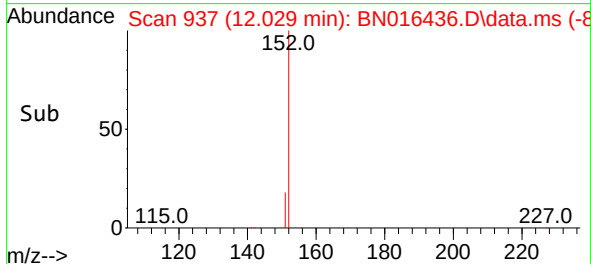
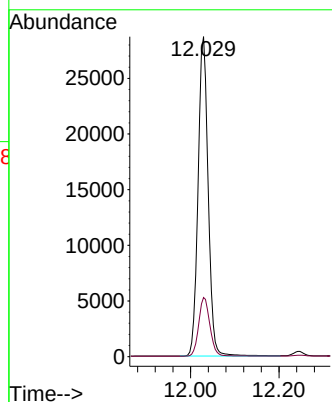
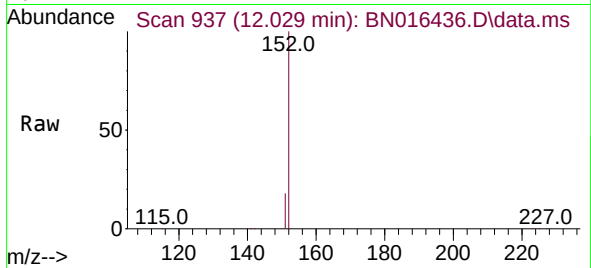




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

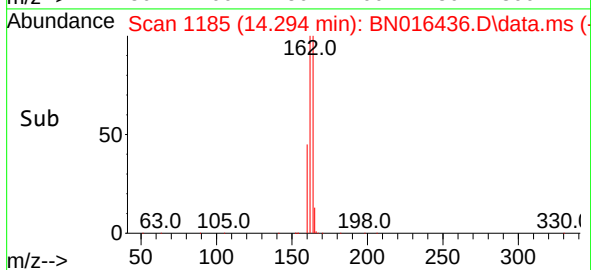
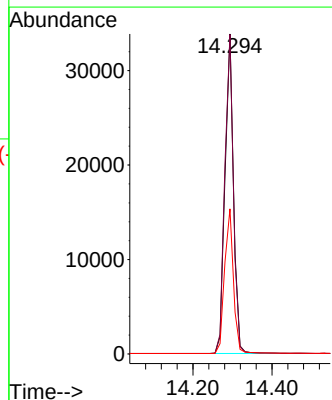
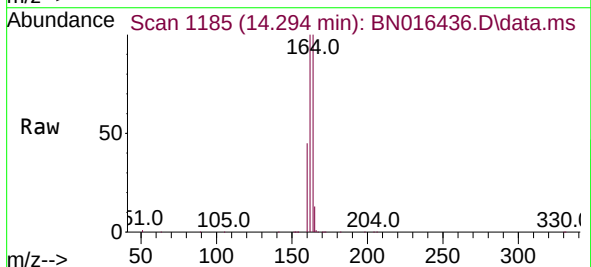
Instrument :
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ClientSampleId :
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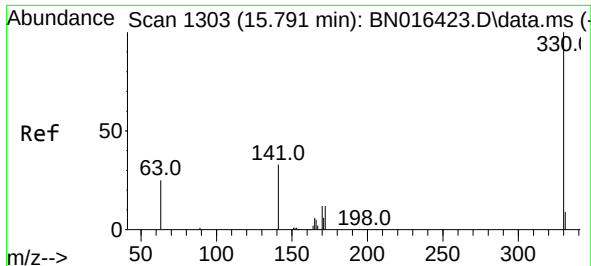
Tgt Ion:152 Resp: 45520
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:164 Resp: 50437
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.4
160 45.4 34.1 51.1

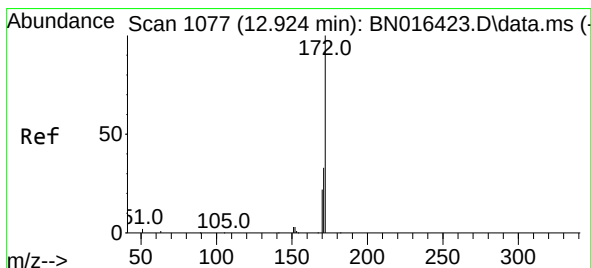
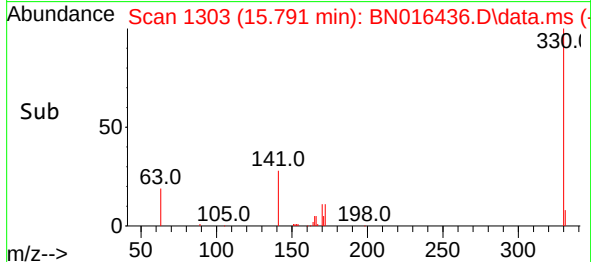
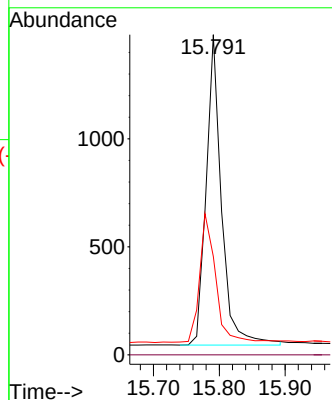
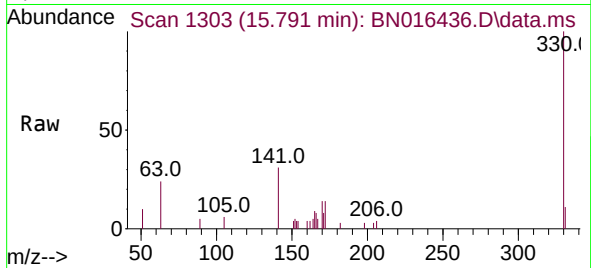




#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

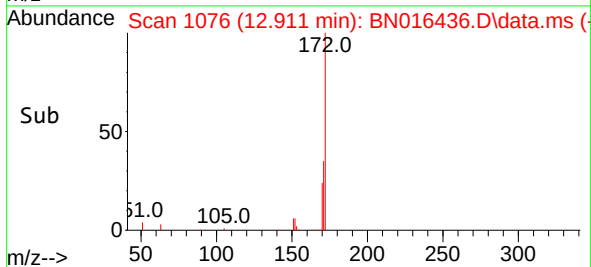
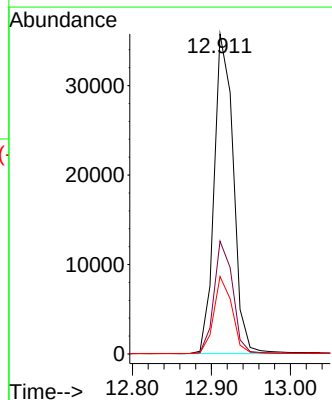
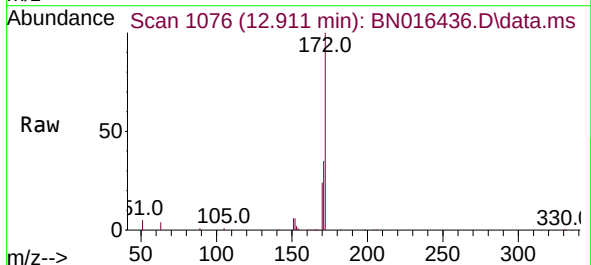
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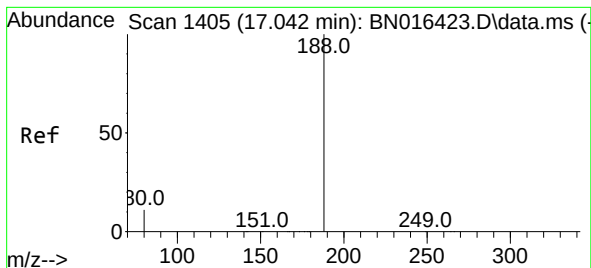
Tgt Ion:330 Resp: 2324
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:172 Resp: 60188
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 24.2 18.2 27.2

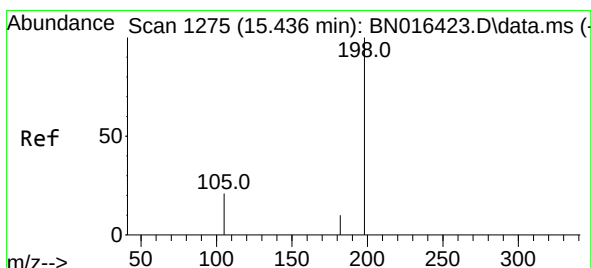
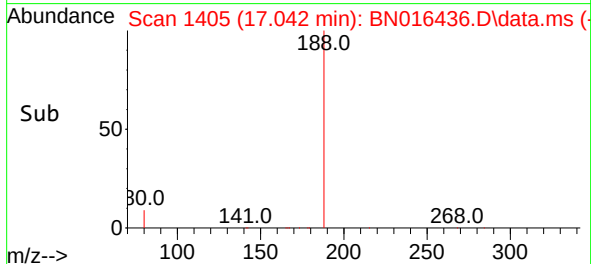
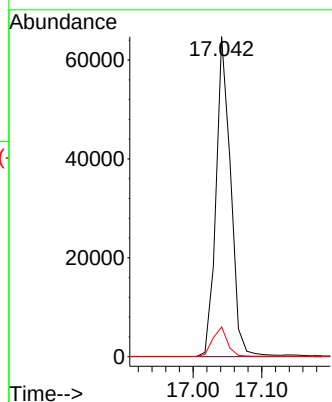
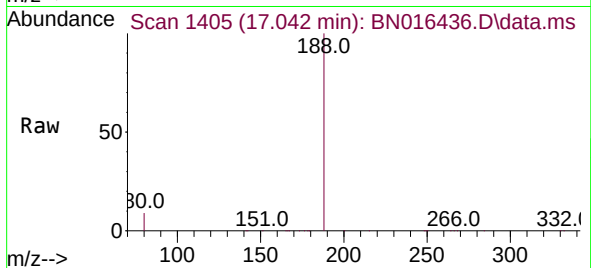




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

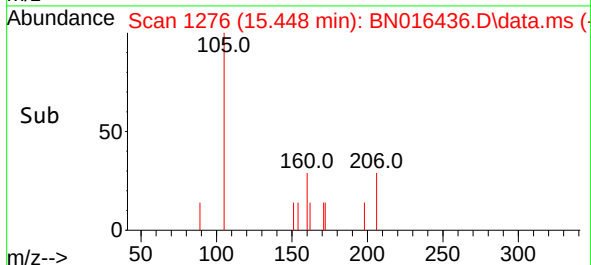
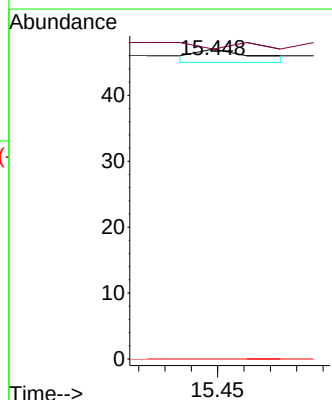
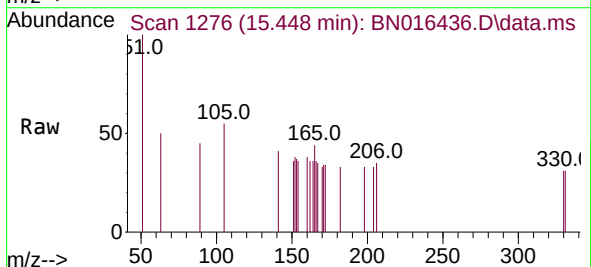
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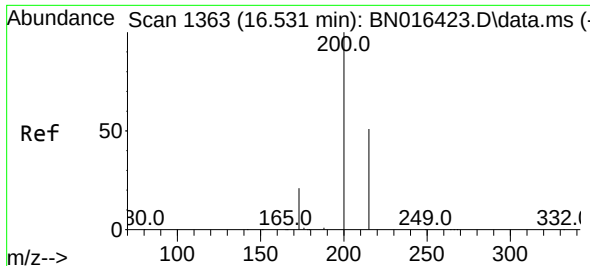
Tgt Ion:188	Resp:	95945
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.3	7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.448 min Scan# 1276
Delta R.T. 0.012 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
182	100.0	26.6 39.8#
77	0.0	0.0 0.0

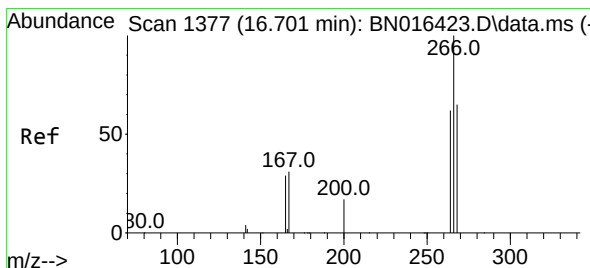
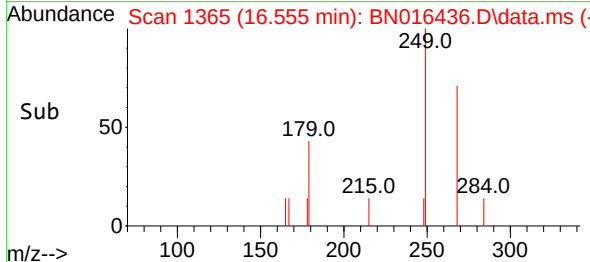
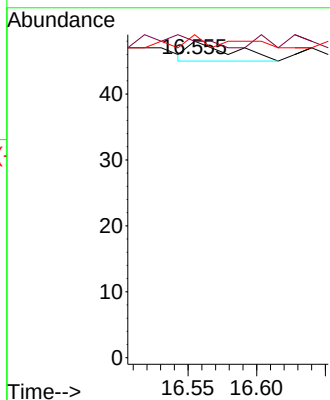
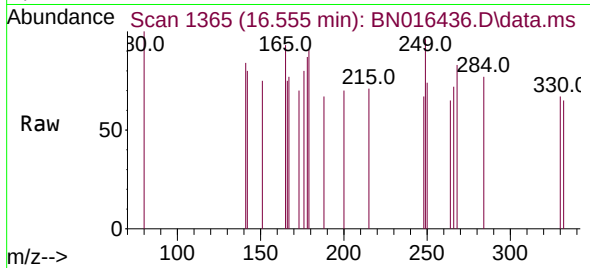




#23
Atrazine
Concen: 0.135 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.024 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

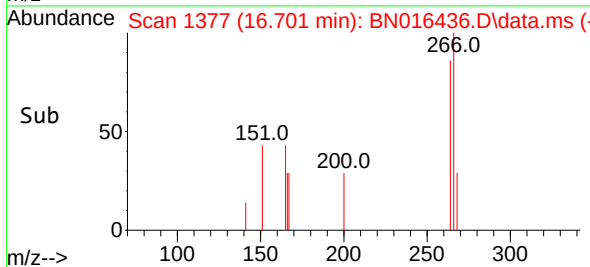
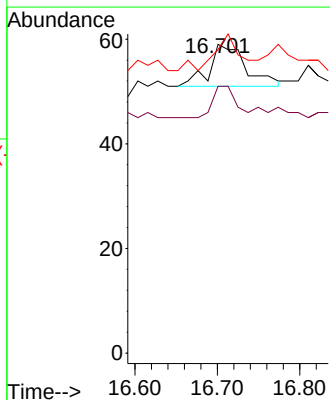
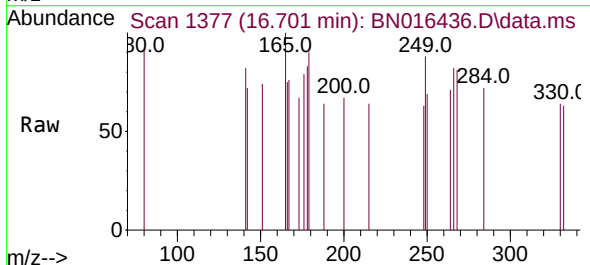
Instrument :
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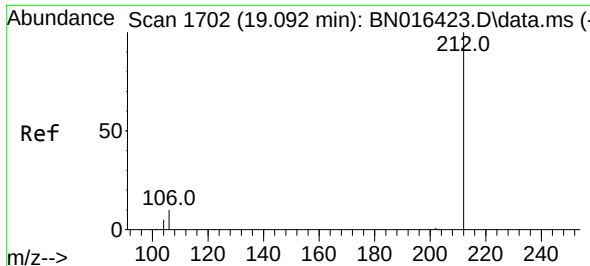
Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 100.0 18.7 28.1#
215 102.1 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 48.0 50.6 75.8#
268 60.0 52.6 79.0

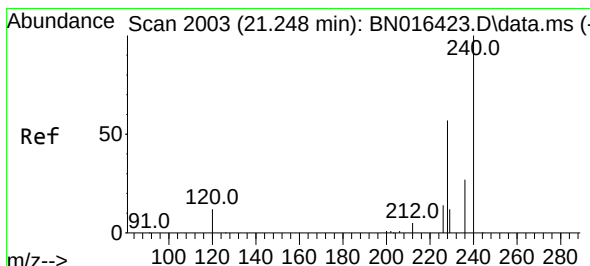
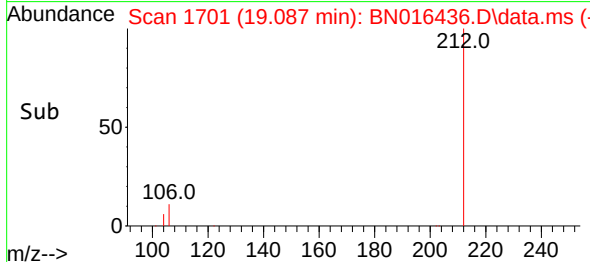
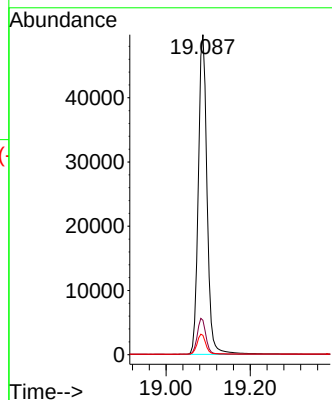
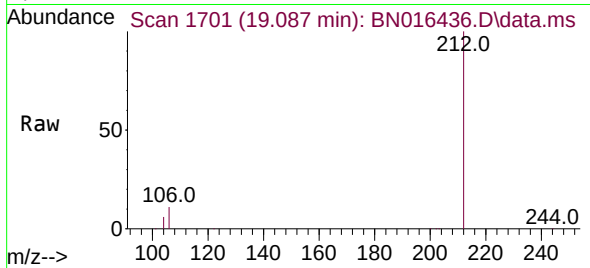




#27
Fluoranthene-d10
Concen: 0.273 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

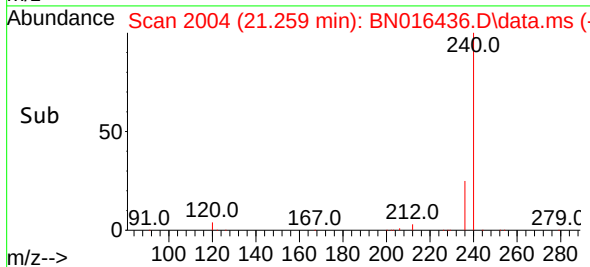
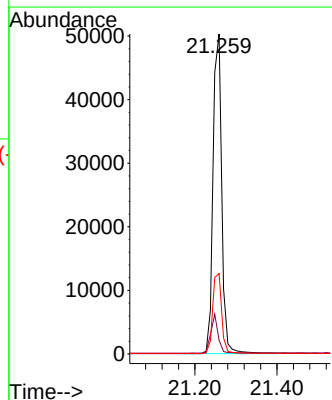
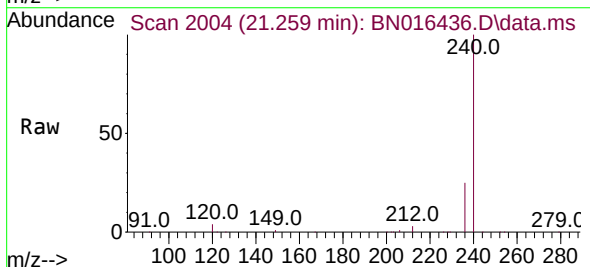
Instrument :
BNA_N
ClientSampleId :
PB139115BL

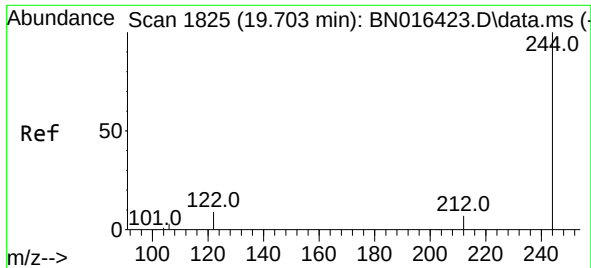
Tgt Ion:212 Resp: 72006
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:240 Resp: 73974
Ion Ratio Lower Upper
240 100
120 4.3 5.3 7.9#
236 25.1 19.8 29.8

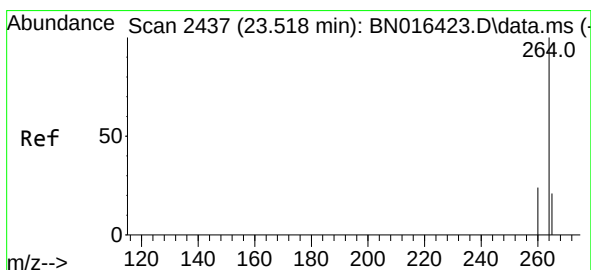
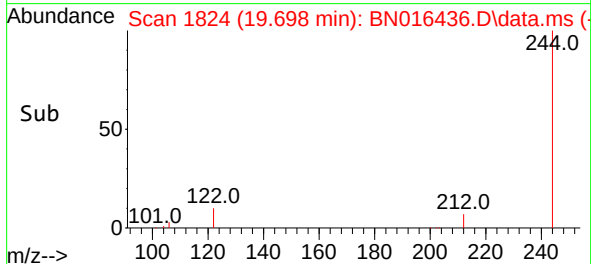
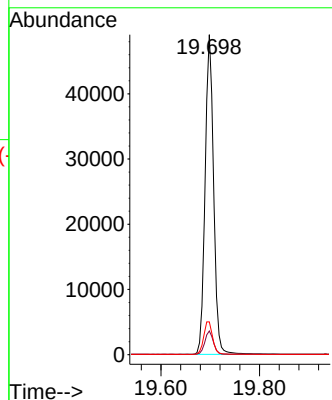
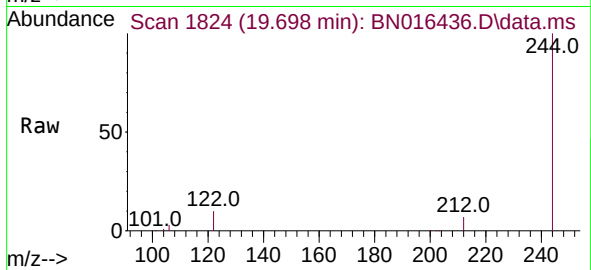




#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Instrument :
BNA_N
ClientSampleId :
PB139115BL

Tgt Ion:244 Resp: 58817
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.2 9.0 13.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.518 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN016436.D
Acq: 24 Sep 2021 12:22

Tgt Ion:264 Resp: 60477
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 25.3 23.7 35.5

