

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016478.D
 Acq On : 25 Sep 2021 16:56
 Operator : CG/JU
 Sample : M3782-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:15:21 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)

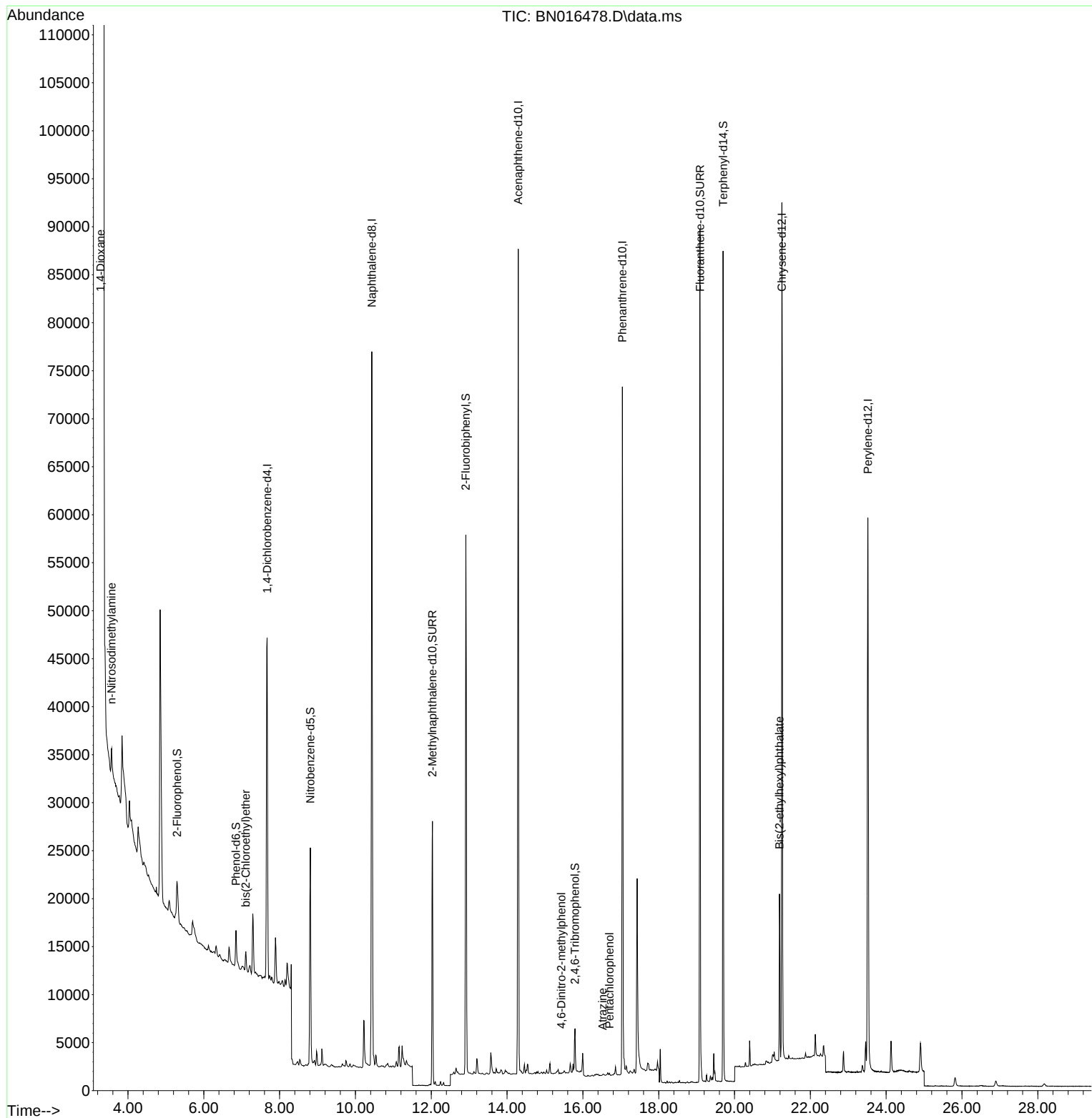
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22035	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	94747	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	48076	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	96386	0.400	ng	0.00
29) Chrysene-d12	21.249	240	88868	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	77915	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	5621	0.114	ng	0.00
5) Phenol-d6	6.849	99	3705	0.063	ng	0.00
8) Nitrobenzene-d5	8.810	82	18071	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	36791	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3521	0.321	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	49234	0.244	ng	-0.01
27) Fluoranthene-d10	19.088	212	101461	0.384	ng	0.00
31) Terphenyl-d14	19.698	244	85747	0.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	21898	2.319	ng	# 87
3) n-Nitrosodimethylamine	3.567	42	770	0.034	ng	# 1
6) bis(2-Chloroethyl)ether	7.108	93	1715	0.029	ng	92
20) 4,6-Dinitro-2-methylph...	15.436	198	5	0.148	ng	# 1
23) Atrazine	16.519	200	77	0.137	ng	# 31
24) Pentachlorophenol	16.701	266	45	0.246	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.185	149	17330	0.247	ng	97

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

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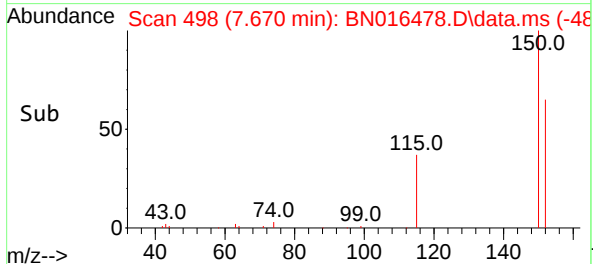
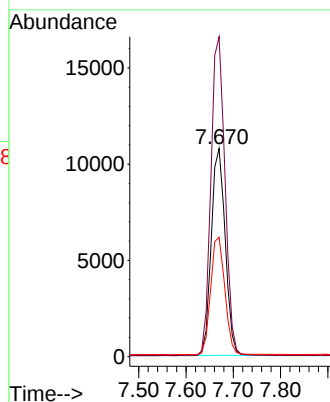
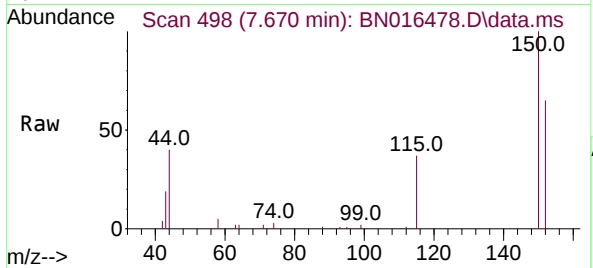




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016478.D
 Acq: 25 Sep 2021 16:56

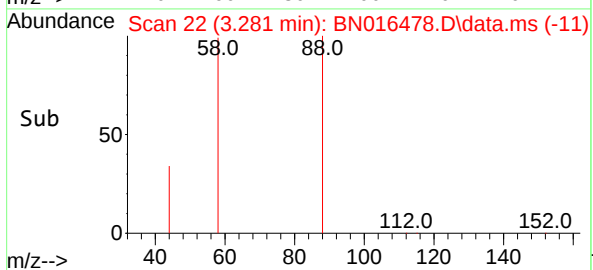
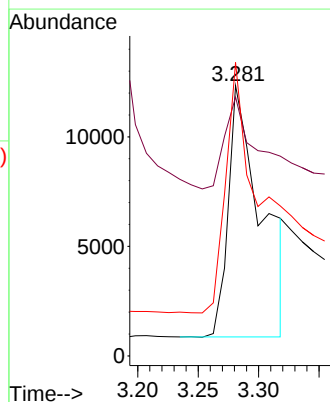
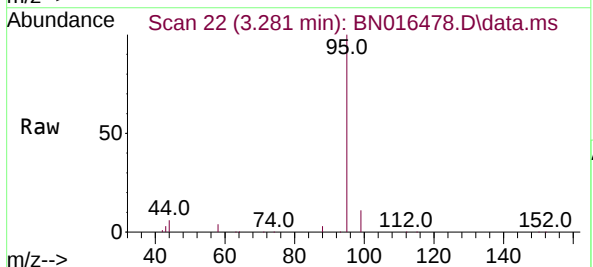
Instrument :
 BNA_N
 ClientSampled :

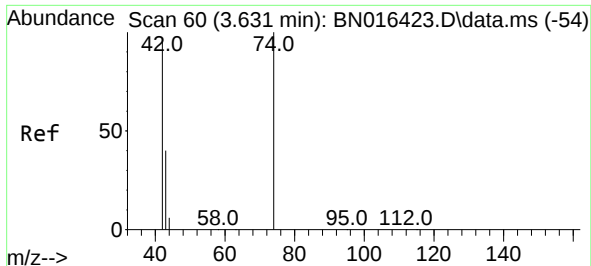
Tgt Ion:152 Resp: 22035
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.6 188.4
 115 57.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 2.319 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016478.D
 Acq: 25 Sep 2021 16:56

Tgt Ion: 88 Resp: 21898
 Ion Ratio Lower Upper
 88 100
 43 34.8 20.3 30.5#
 58 97.5 69.9 104.9

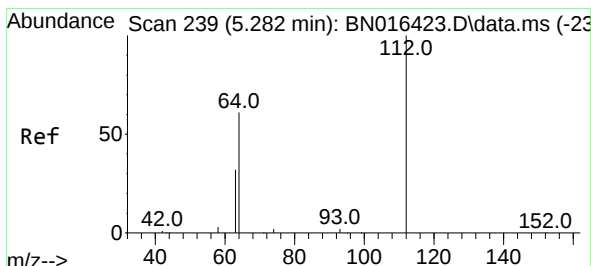
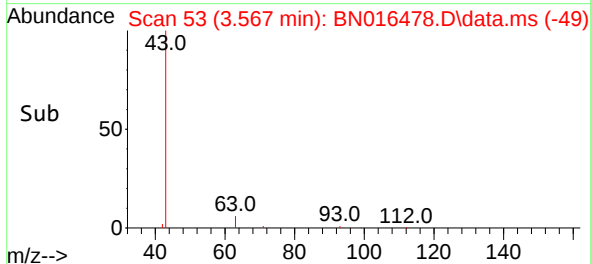
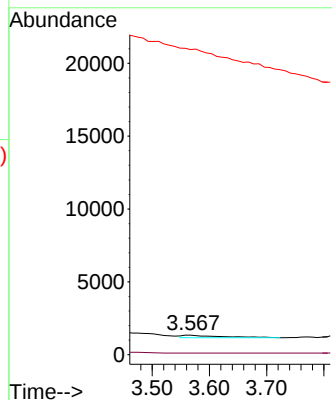
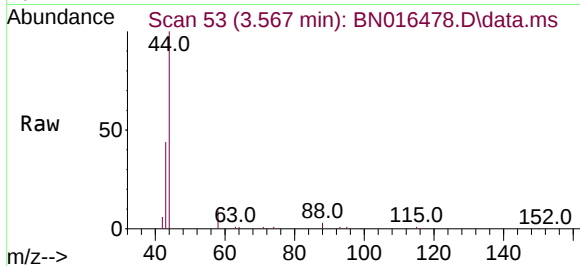




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.567 min Scan# 53
Delta R.T. -0.064 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

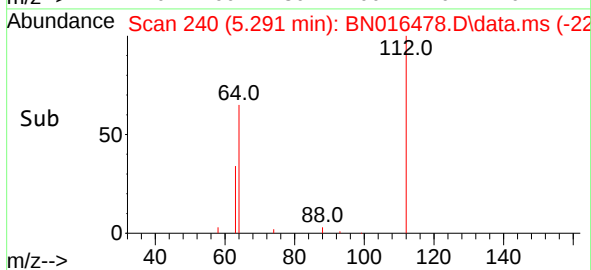
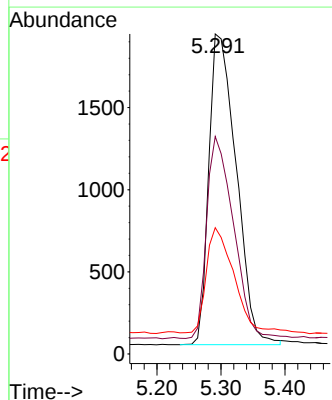
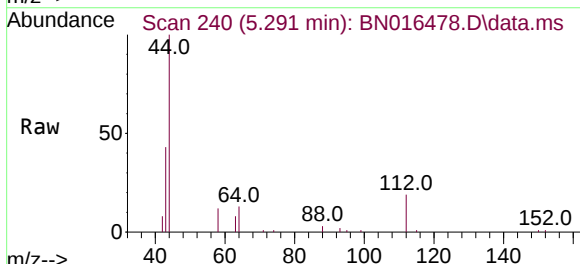
Instrument :
BNA_N
ClientSampleId :

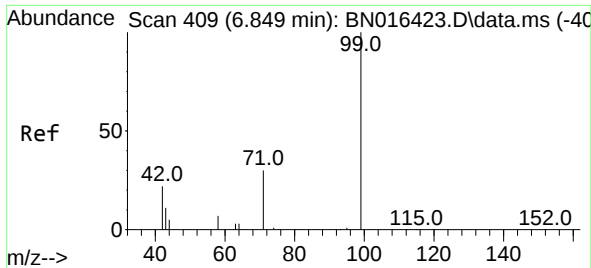
Tgt Ion: 42 Resp: 770
Ion Ratio Lower Upper
42 100
74 0.5 113.6 170.4#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

Tgt Ion: 112 Resp: 5621
Ion Ratio Lower Upper
112 100
64 63.6 47.3 70.9
63 33.9 23.4 35.0

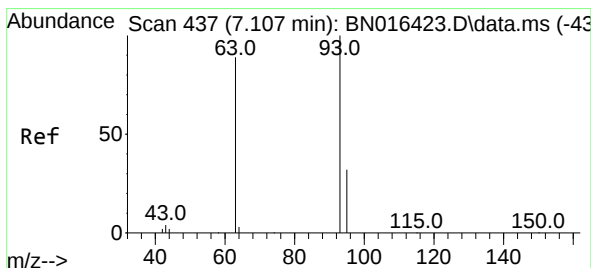
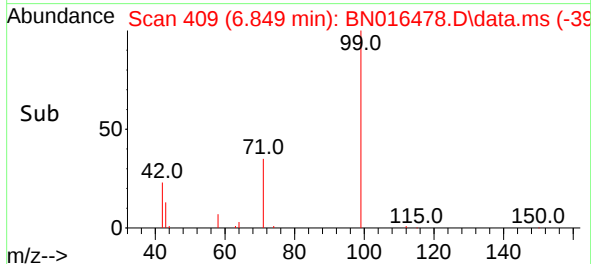
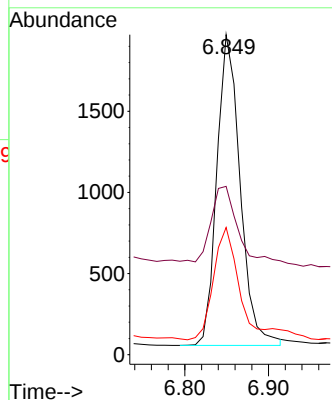
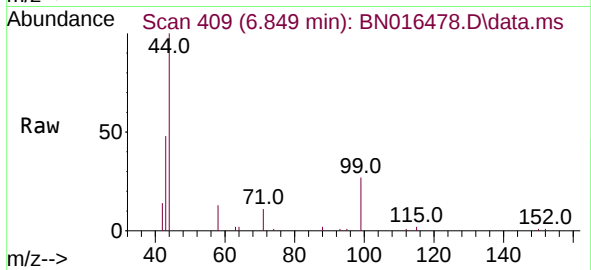




#5
Phenol-d6
Concen: 0.063 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

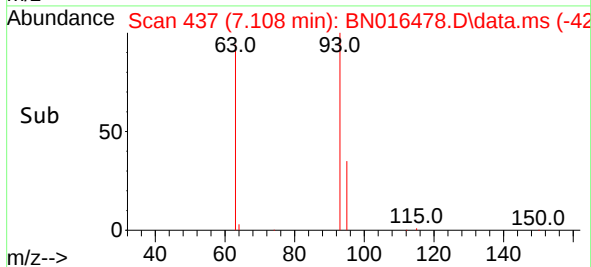
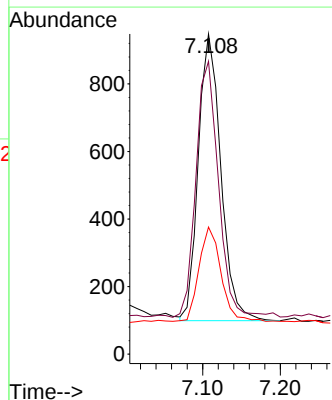
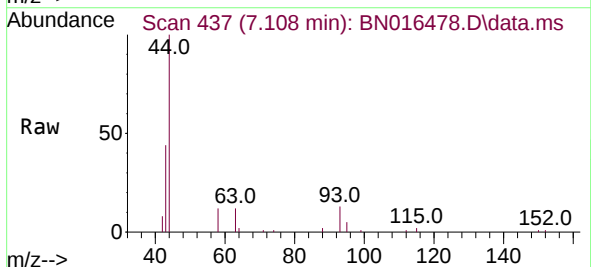
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3705
Ion Ratio Lower Upper
99 100
42 25.6 14.0 21.0#
71 40.6 23.8 35.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

Tgt Ion: 93 Resp: 1715
Ion Ratio Lower Upper
93 100
63 89.4 63.4 95.0
95 33.2 26.8 40.2

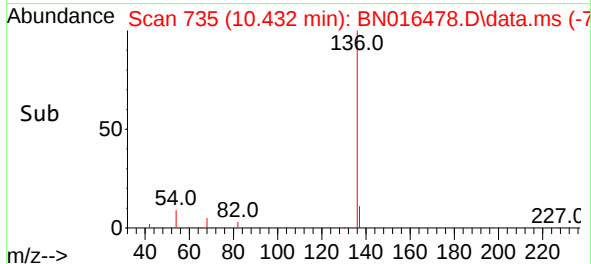
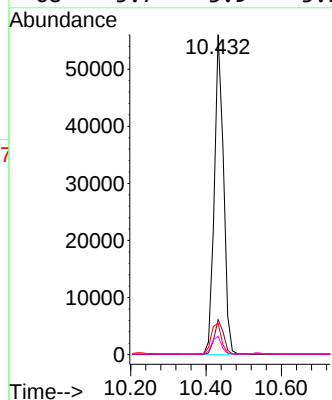
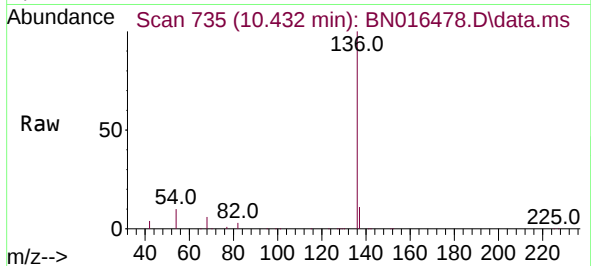




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

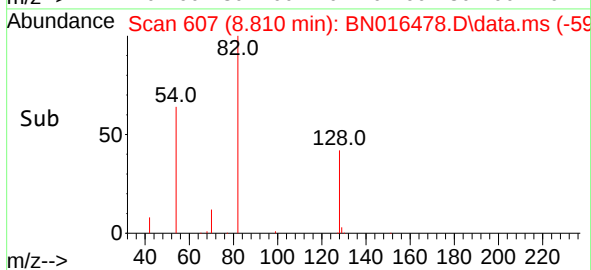
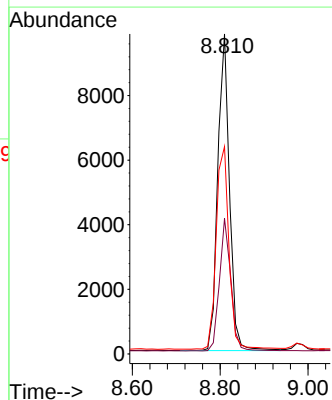
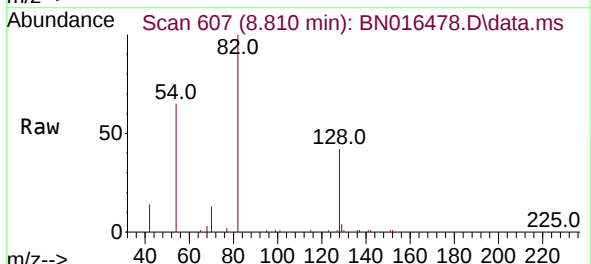
Instrument :
BNA_N
ClientSampleId :

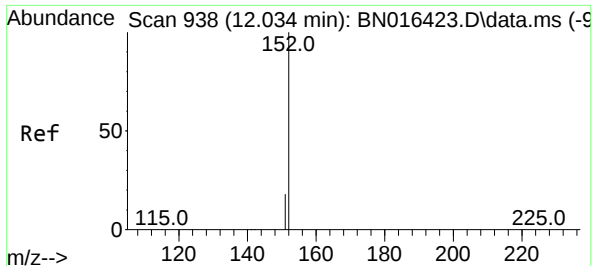
Tgt Ion:	136	Resp:	94747
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.9	5.3	7.9#
68	5.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

Tgt Ion:	82	Resp:	18071
Ion Ratio	Lower	Upper	
82	100		
128	42.3	31.7	47.5
54	64.8	46.4	69.6

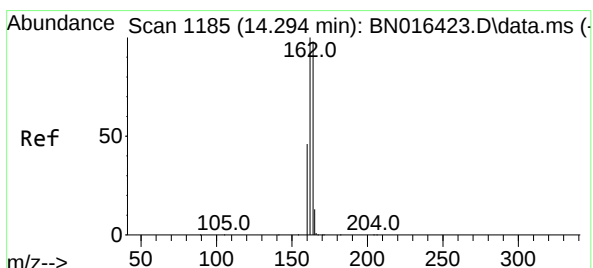
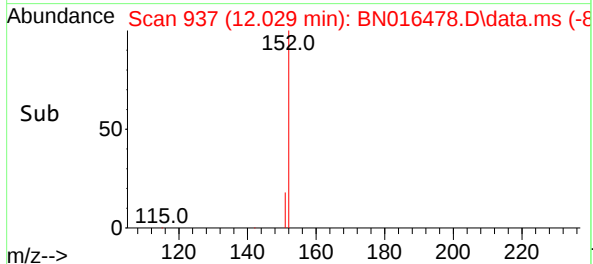
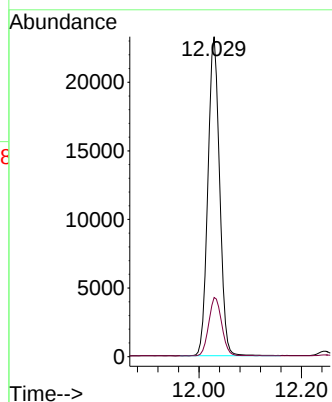
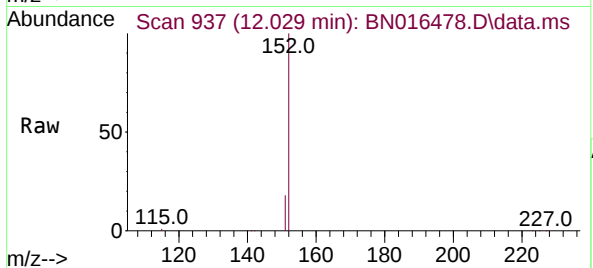




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

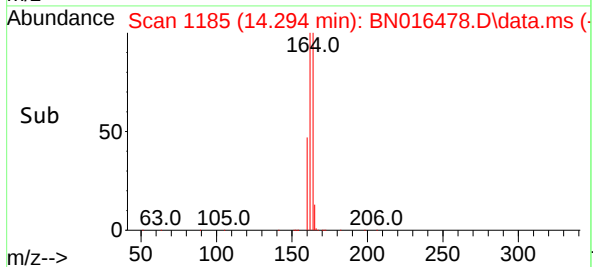
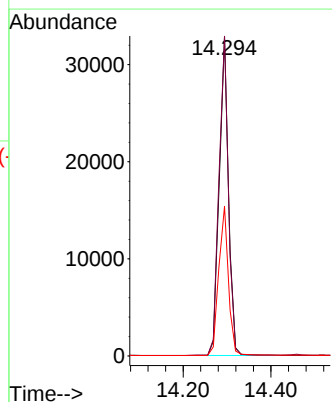
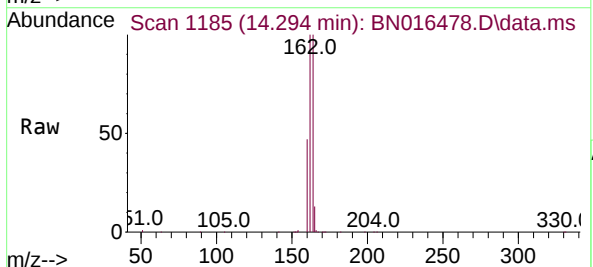
Instrument :
BNA_N
ClientSampleId :

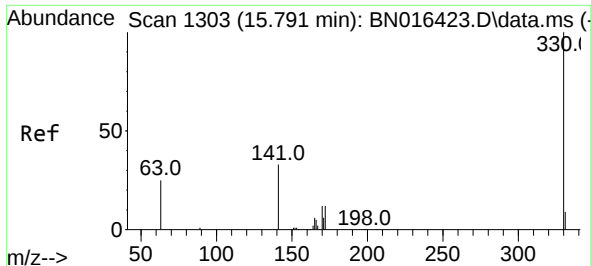
Tgt Ion:152 Resp: 36791
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

Tgt Ion:164 Resp: 48076
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.4
160 46.7 34.1 51.1

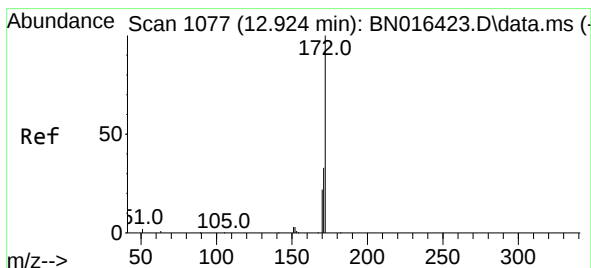
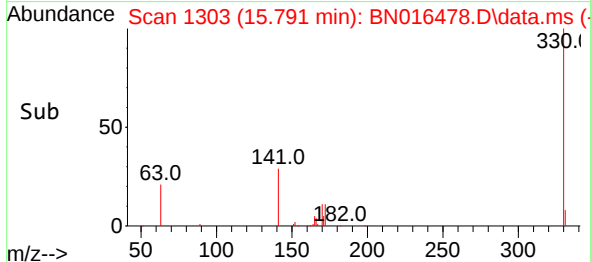
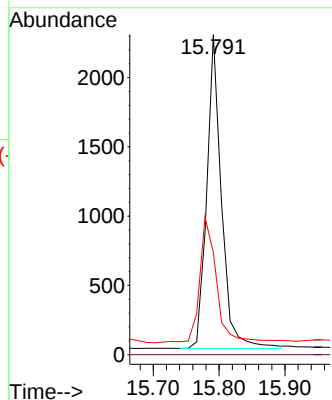
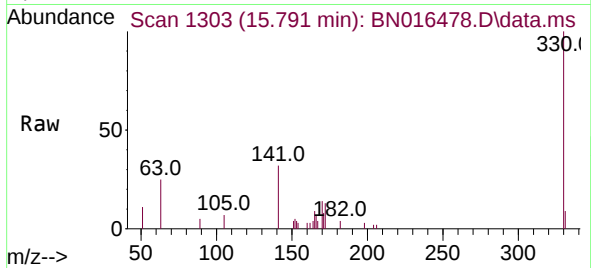




#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

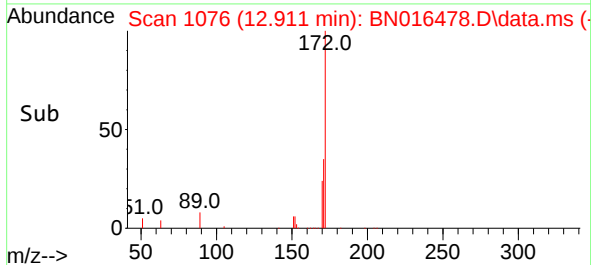
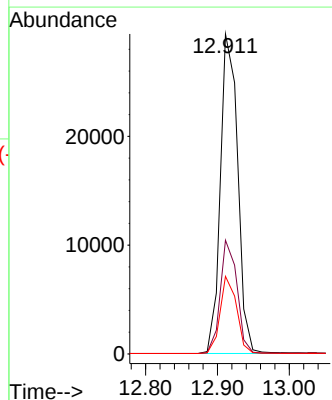
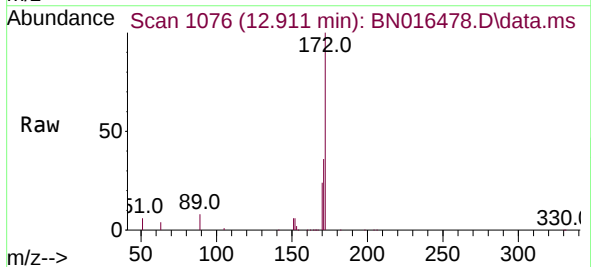
Instrument :
BNA_N
ClientSampleId :

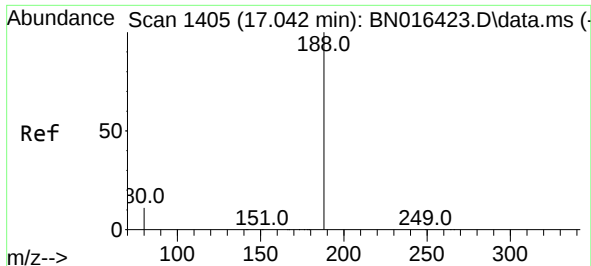
Tgt Ion: 330 Resp: 3521
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

Tgt Ion: 172 Resp: 49234
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 24.3 18.2 27.2

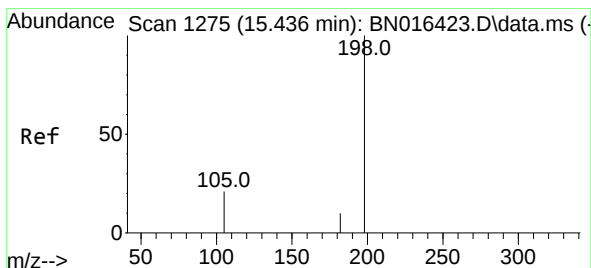
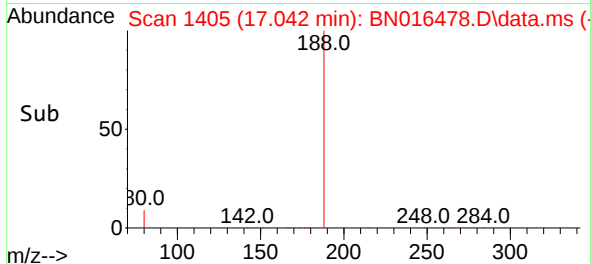
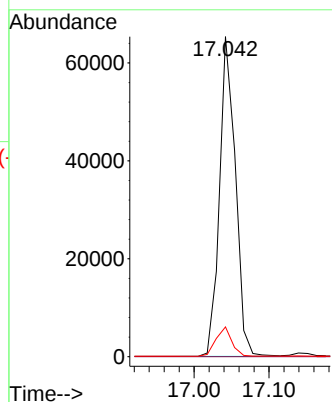
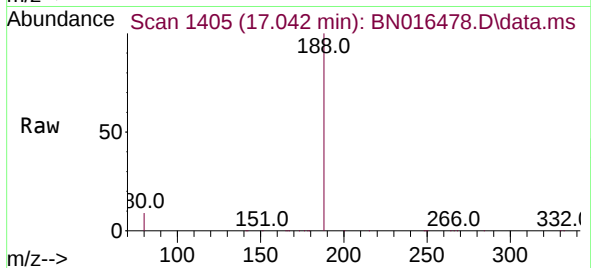




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

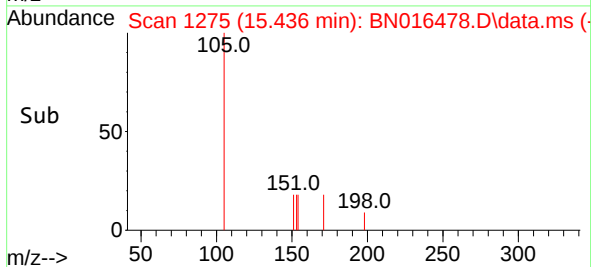
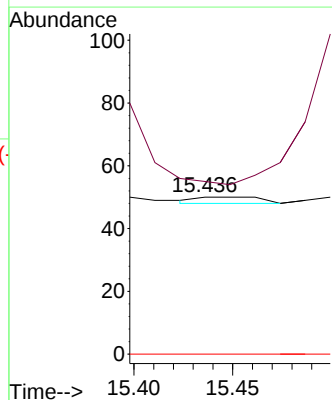
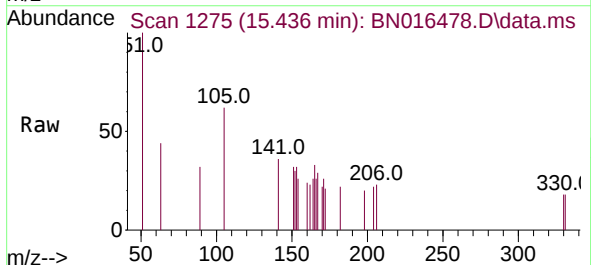
Instrument :
BNA_N
ClientSampleId :

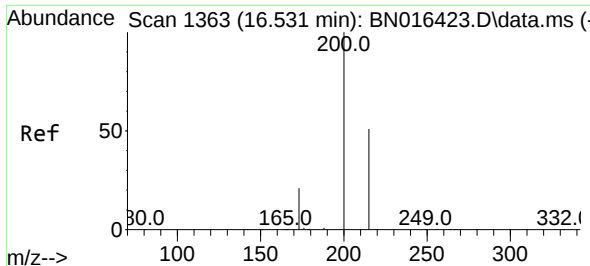
Tgt Ion:188 Resp: 96386
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

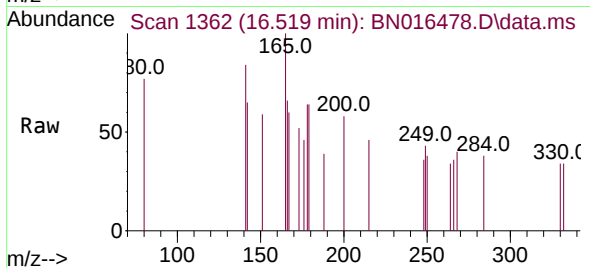
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 110.0 26.6 39.8#
77 0.0 0.0 0.0



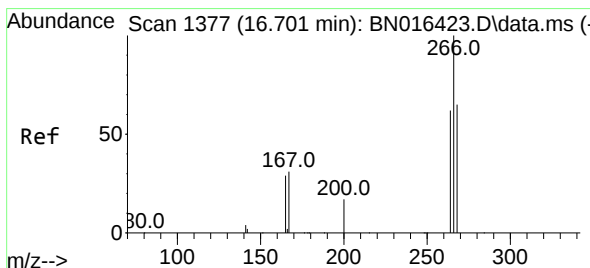
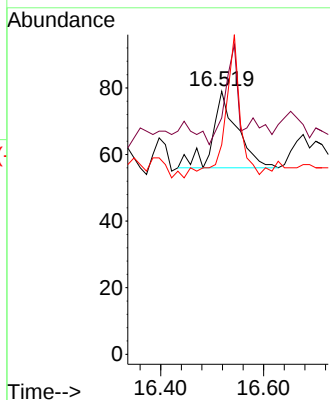
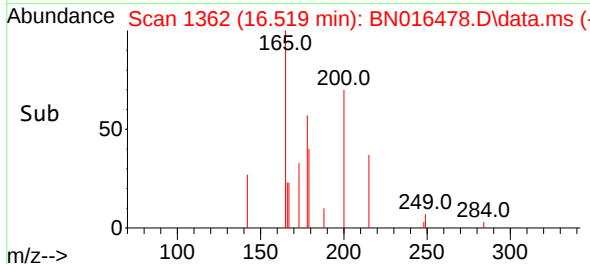


#23
Atrazine
Concen: 0.137 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

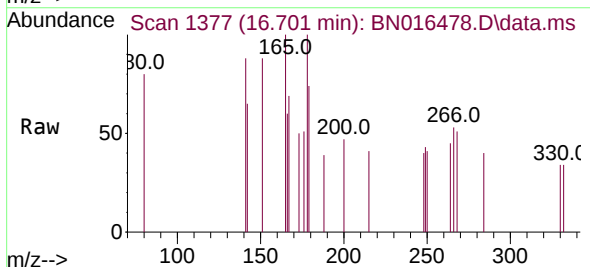
Instrument :
BNA_N
ClientSampleId :



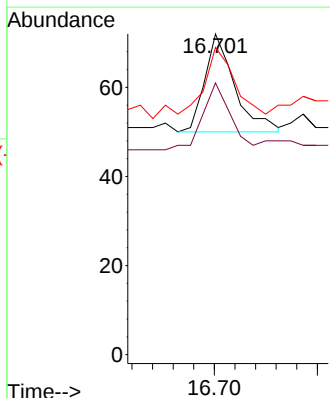
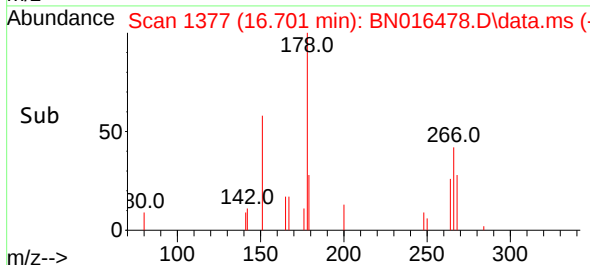
Tgt Ion:200 Resp: 77
Ion Ratio Lower Upper
200 100
173 89.9 18.7 28.1#
215 79.7 41.6 62.4#

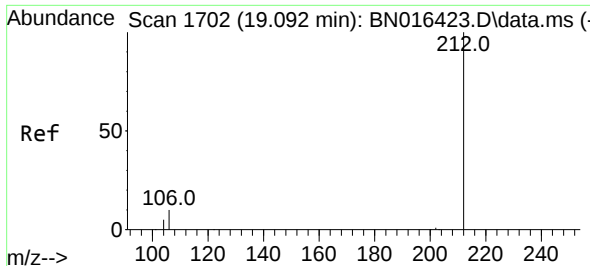


#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56



Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
264 62.2 50.6 75.8
268 82.2 52.6 79.0#

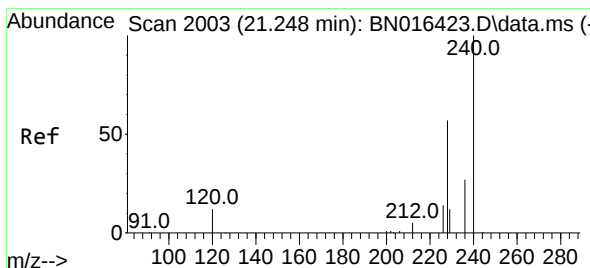
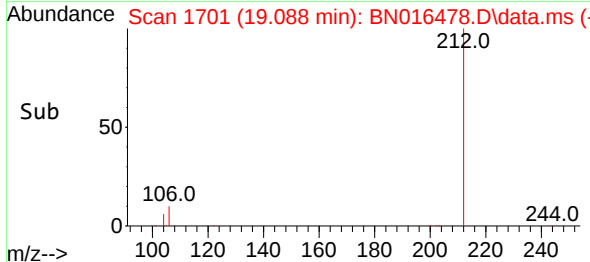
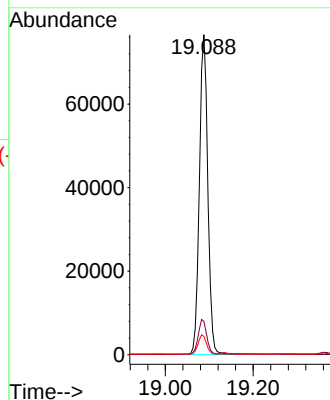
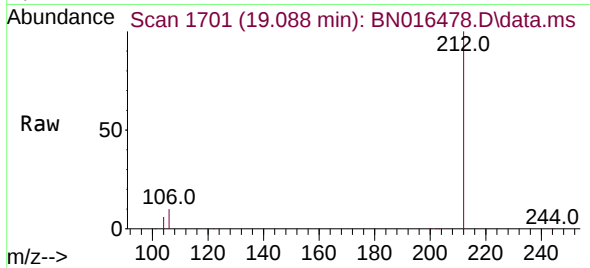




#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

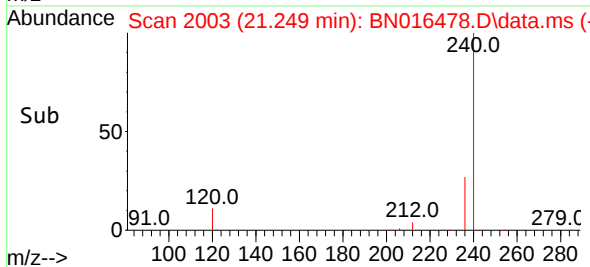
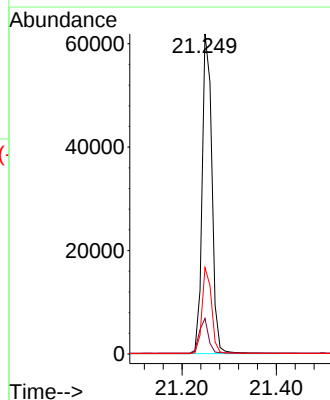
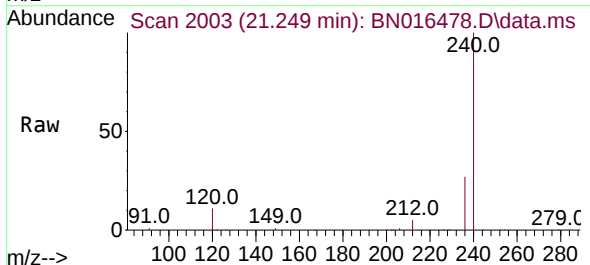
Instrument :
BNA_N
ClientSampleId :

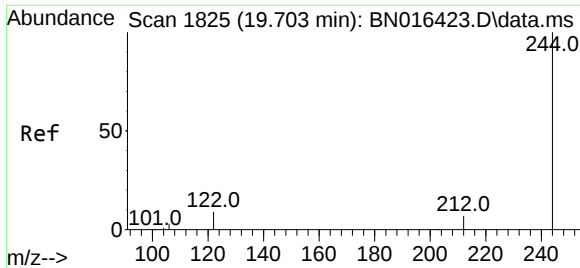
Tgt Ion:212 Resp: 101461
Ion Ratio Lower Upper
212 100
106 10.9 9.8 14.6
104 6.0 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016478.D
Acq: 25 Sep 2021 16:56

Tgt Ion:240 Resp: 88868
Ion Ratio Lower Upper
240 100
120 11.1 5.3 7.9#
236 27.0 19.8 29.8

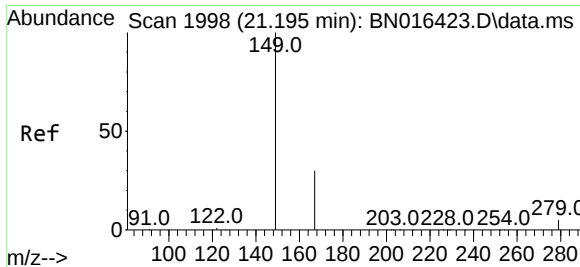
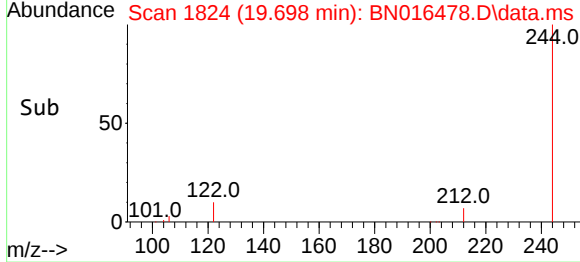
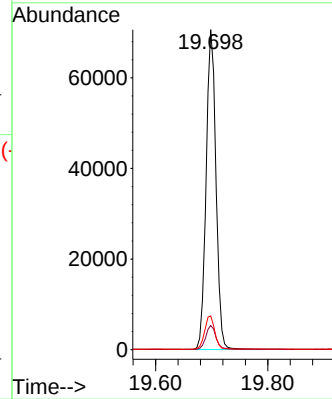
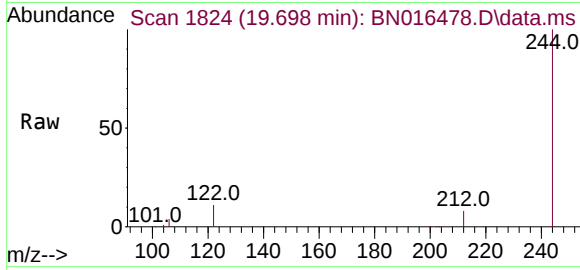




#31
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016478.D
 Acq: 25 Sep 2021 16:56

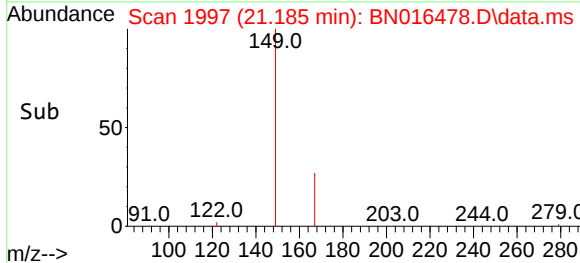
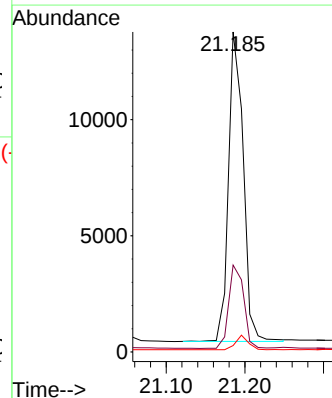
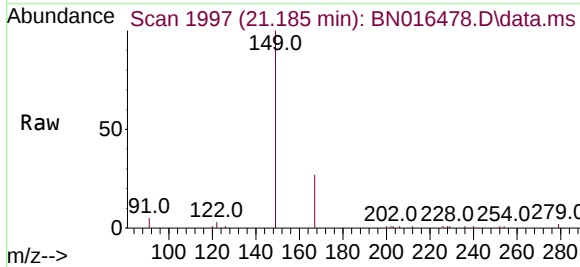
Instrument :
 BNA_N
 ClientSampleId :

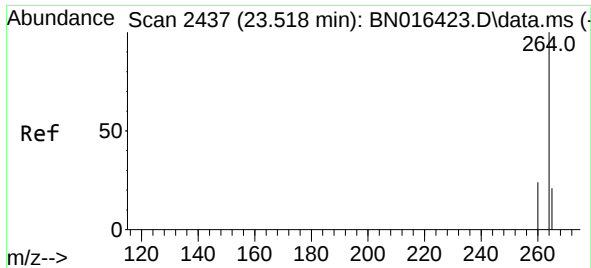
Tgt Ion:244	Resp:	85747
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.5 8.3
122	10.5	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.247 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016478.D
 Acq: 25 Sep 2021 16:56

Tgt Ion:149	Resp:	17330
Ion Ratio	Lower	Upper
149	100	
167	27.4	23.4 35.0
279	4.1	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2437
 Delta R.T. 0.000 min
 Lab File: BN016478.D
 Acq: 25 Sep 2021 16:56

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264	Resp:	77915
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.9 28.3
265	23.7	23.7 35.5

