

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016501.D
 Acq On : 26 Sep 2021 08:03
 Operator : CG/JU
 Sample : M3833-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:30:00 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)

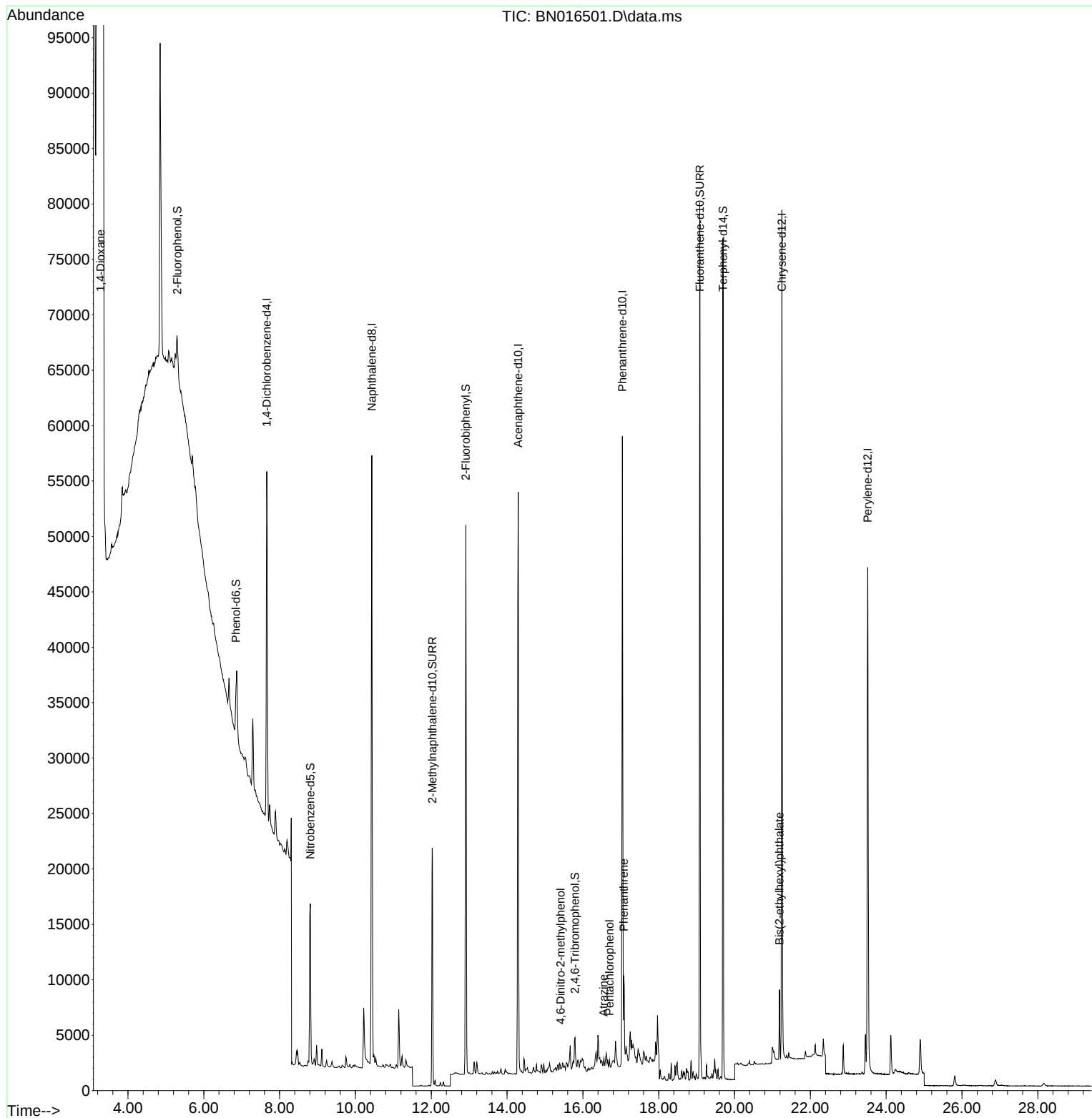
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	17674	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	70696	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	31297	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	73300	0.400	ng	0.00
29) Chrysene-d12	21.249	240	70518	0.400	ng	0.00
35) Perylene-d12	23.512	264	60312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4703	0.119	ng	0.02
5) Phenol-d6	6.849	99	3599	0.077	ng	0.00
8) Nitrobenzene-d5	8.810	82	12511	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	28770	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1815	0.280	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	41090	0.313	ng	-0.01
27) Fluoranthene-d10	19.083	212	88064	0.438	ng	0.00
31) Terphenyl-d14	19.693	244	73440	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	11734	1.549	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.411	198	4	0.148	ng	# 1
23) Atrazine	16.543	200	53	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	20	0.245	ng	89
25) Phenanthrene	17.078	178	9564	0.044	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.185	149	5278	0.095	ng	95

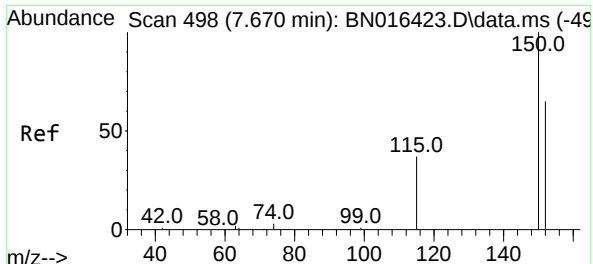
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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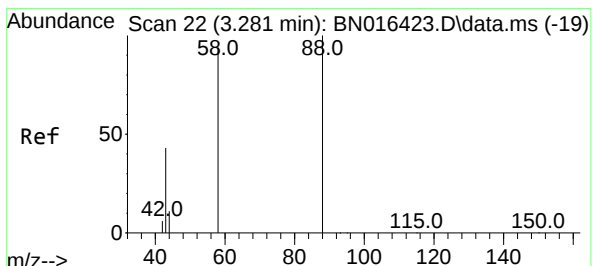
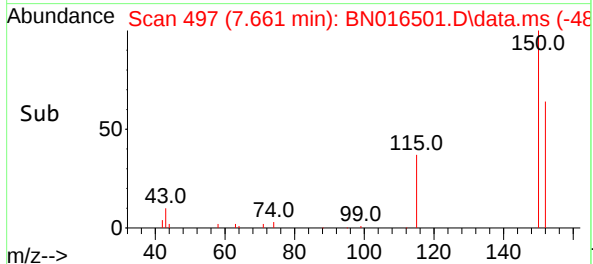
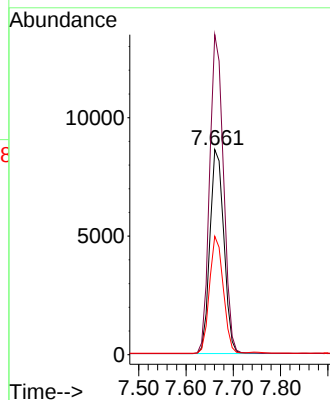
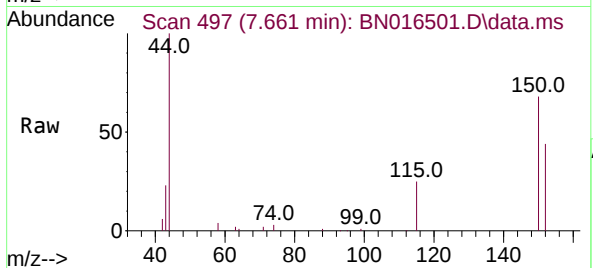




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

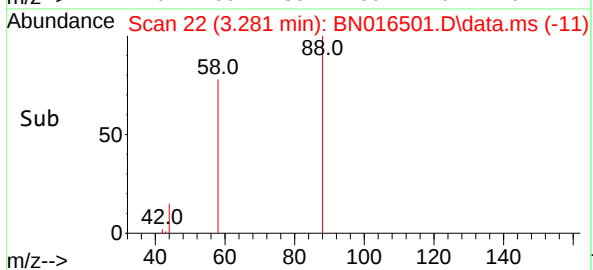
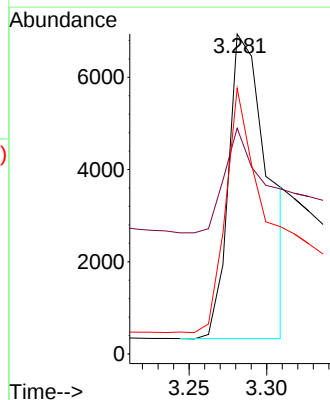
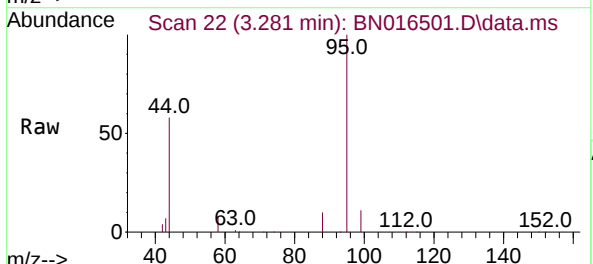
Instrument :
BNA_N
ClientSampled :

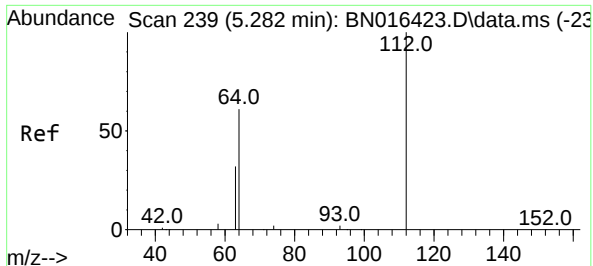
Tgt Ion:152 Resp: 17674
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 57.7 50.2 75.2



#2
1,4-Dioxane
Concen: 1.549 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion: 88 Resp: 11734
Ion Ratio Lower Upper
88 100
43 32.6 20.3 30.5#
58 75.4 69.9 104.9

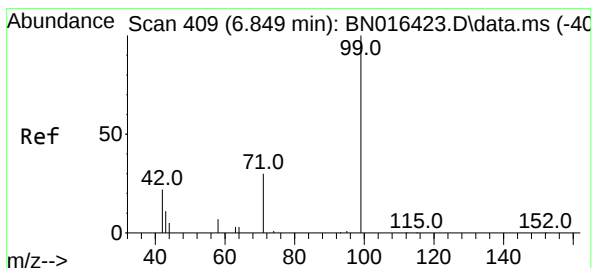
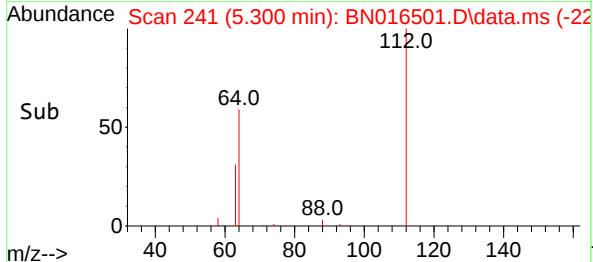
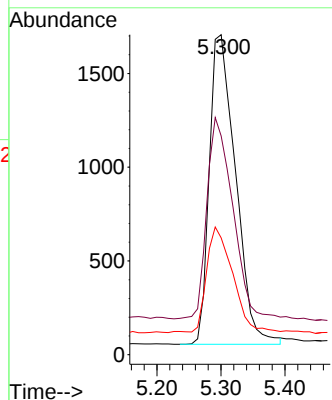
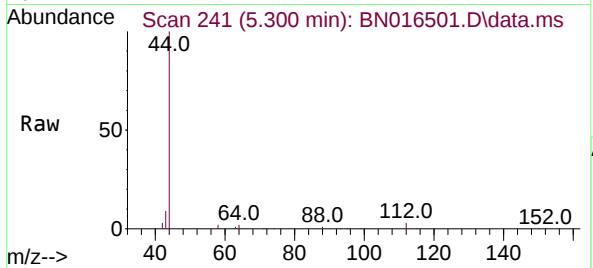




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

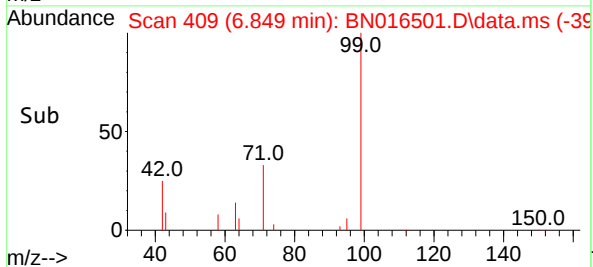
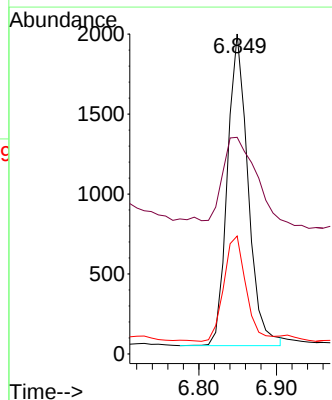
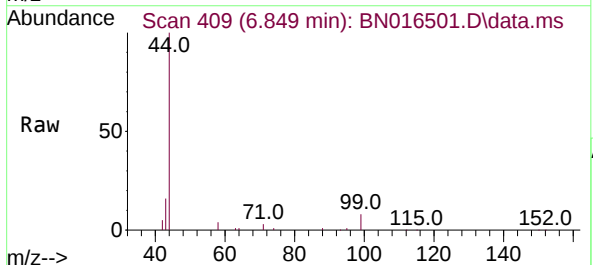
Instrument :
BNA_N
ClientSampleId :

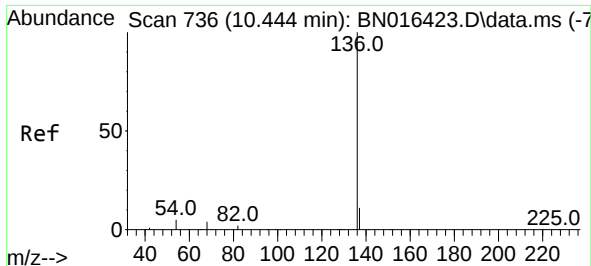
Tgt Ion: 112 Resp: 4703
Ion Ratio Lower Upper
112 100
64 64.1 47.3 70.9
63 34.0 23.4 35.0



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion: 99 Resp: 3599
Ion Ratio Lower Upper
99 100
42 41.2 14.0 21.0#
71 36.5 23.8 35.6#

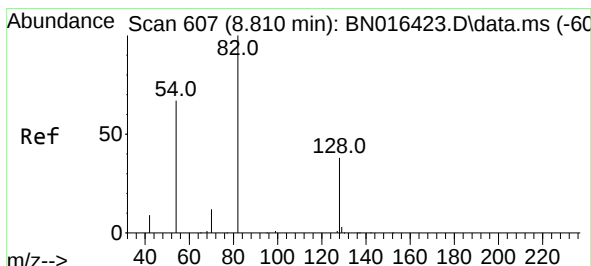
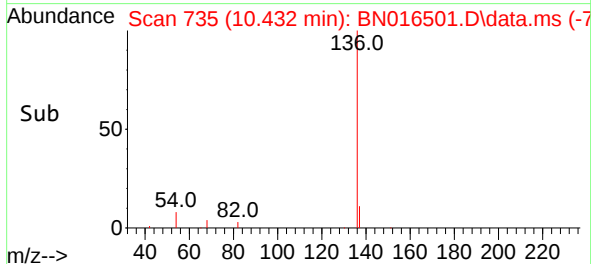
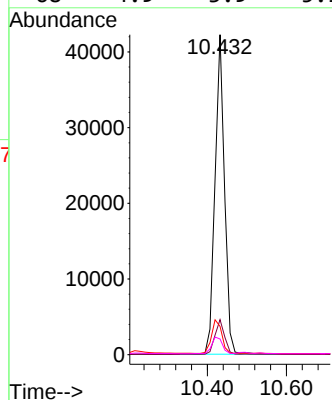
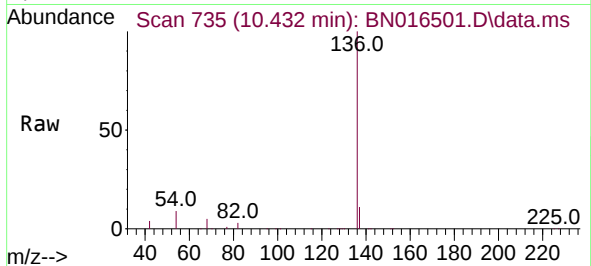




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

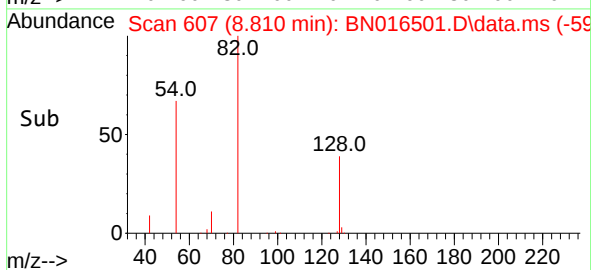
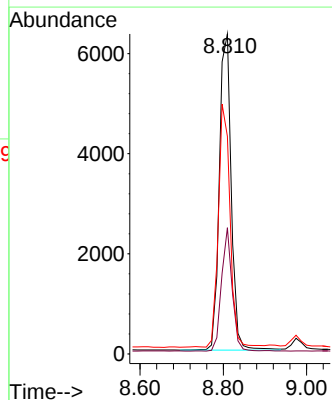
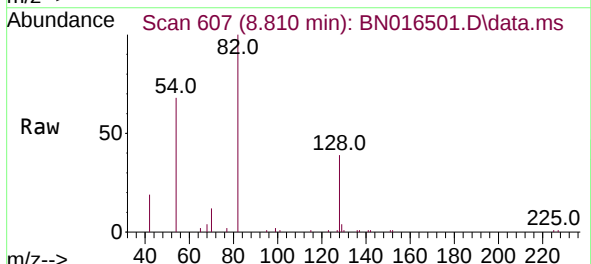
Instrument :
BNA_N
ClientSampleId :

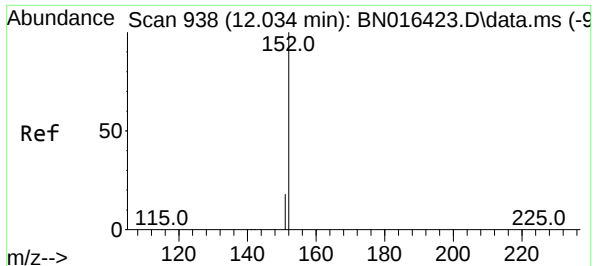
Tgt Ion:	136	Resp:	70696
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	8.8	5.3	7.9#
68	4.9	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:	82	Resp:	12511
Ion Ratio	Lower	Upper	
82	100		
128	39.4	31.7	47.5
54	68.0	46.4	69.6

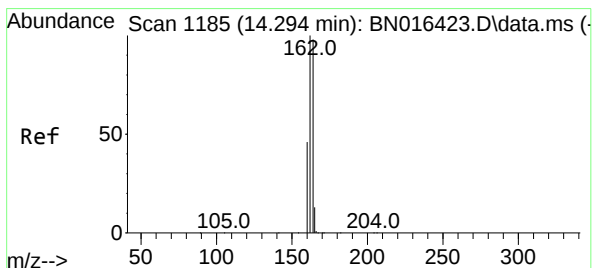
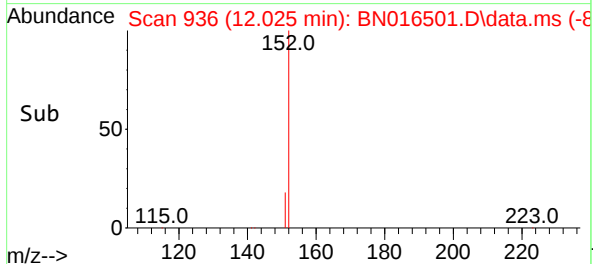
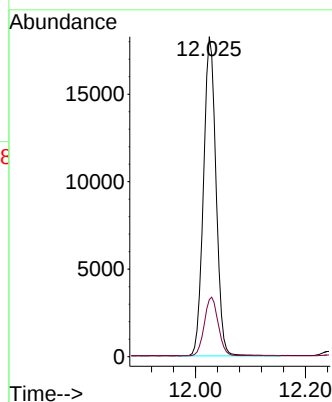
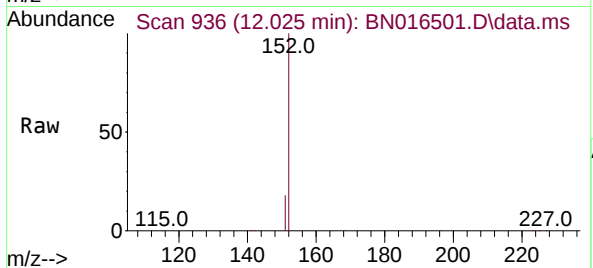




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

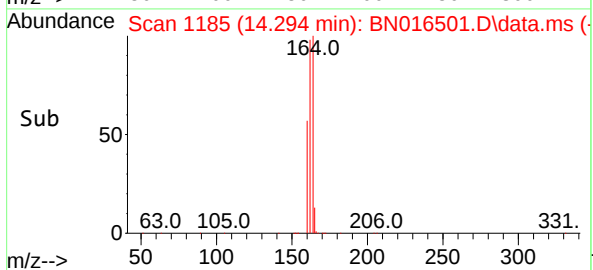
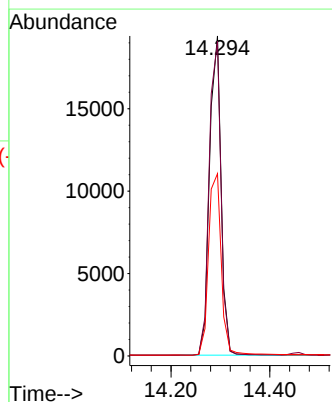
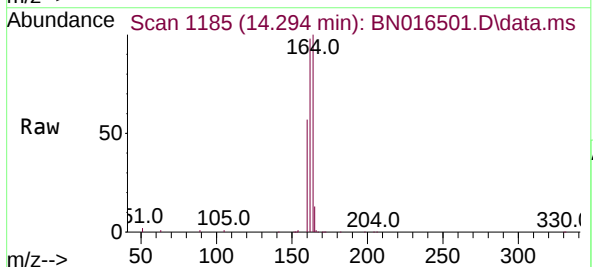
Instrument :
BNA_N
ClientSampleId :

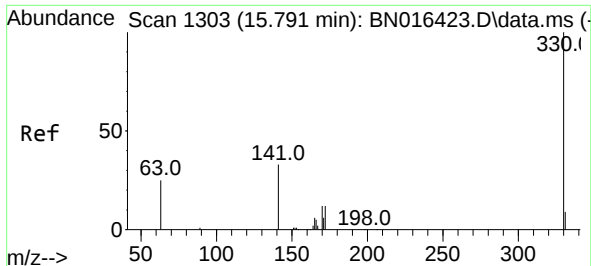
Tgt Ion:152 Resp: 28770
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:164 Resp: 31297
Ion Ratio Lower Upper
164 100
162 98.4 79.0 118.4
160 56.9 34.1 51.1#

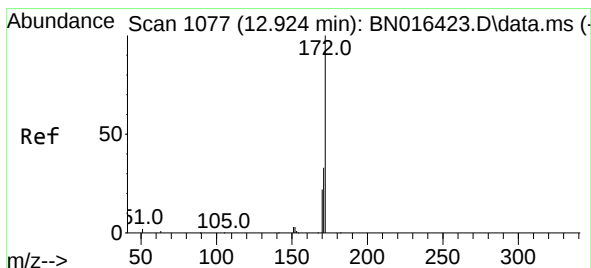
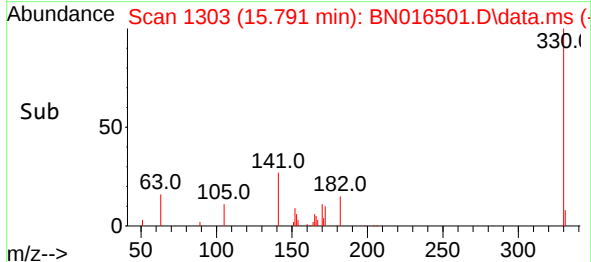
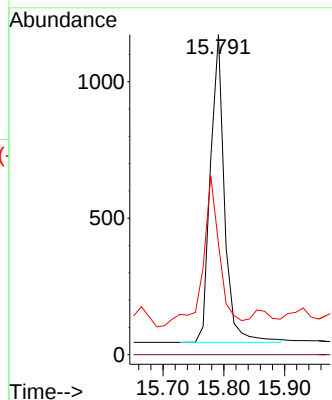
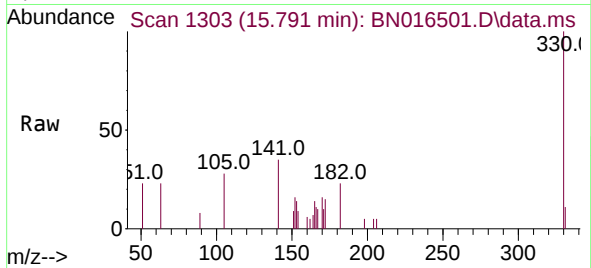




#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

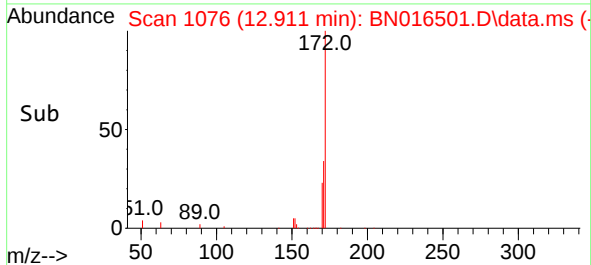
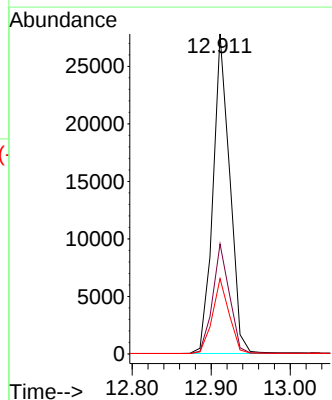
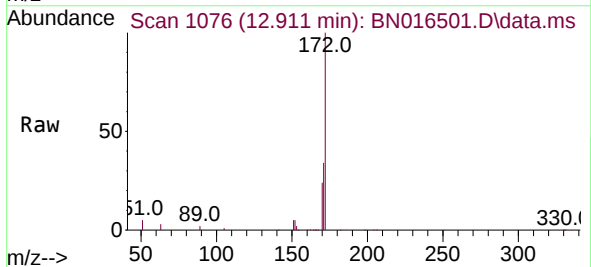
Instrument :
BNA_N
ClientSampled :

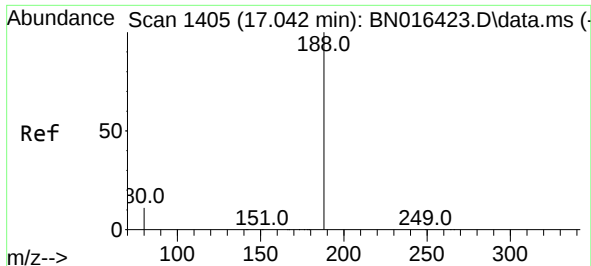
Tgt Ion: 330 Resp: 1815
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.6 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion: 172 Resp: 41090
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.5 18.2 27.2

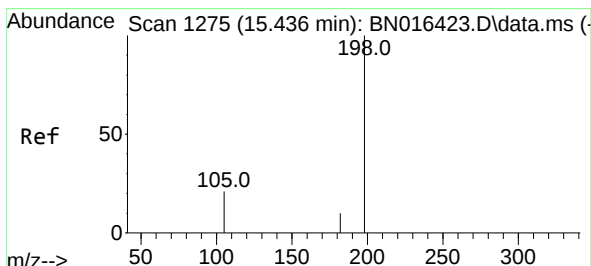
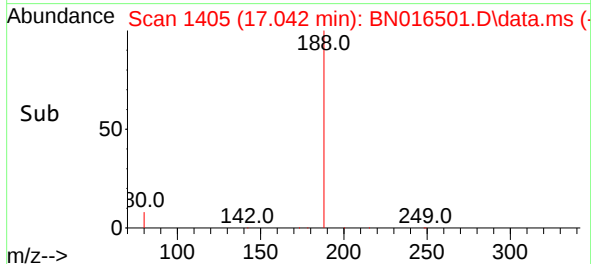
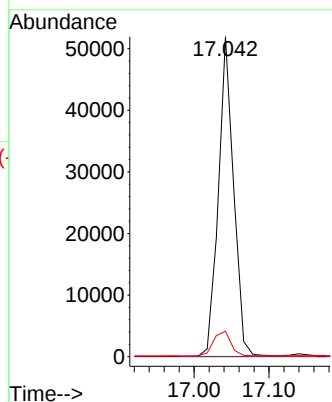
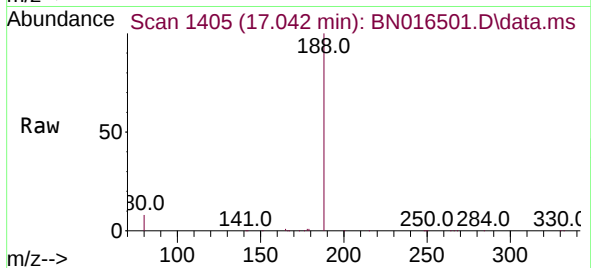




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

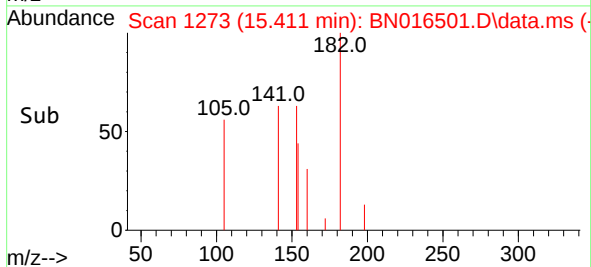
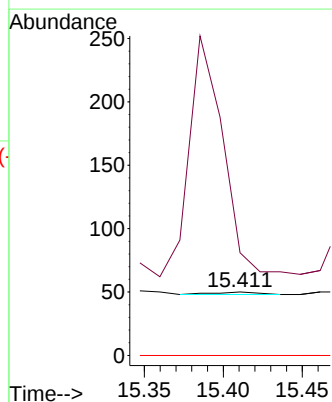
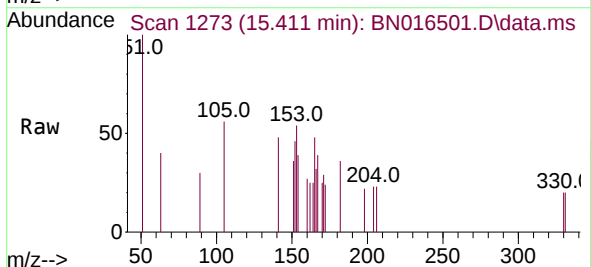
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BNA_N
ClientSampleId :

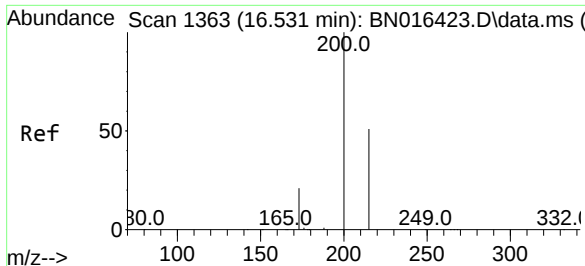
Tgt Ion:188	Resp:	73300
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.9	10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:198	Resp:	4
Ion Ratio	Lower	Upper
198	100	
182	162.0	26.6
77	0.0	0.0

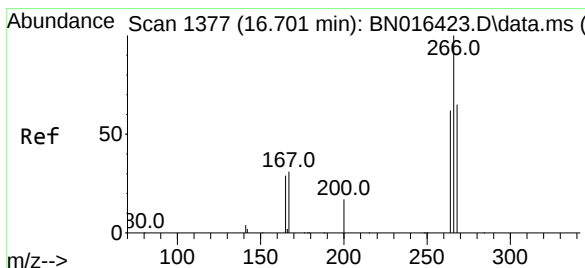
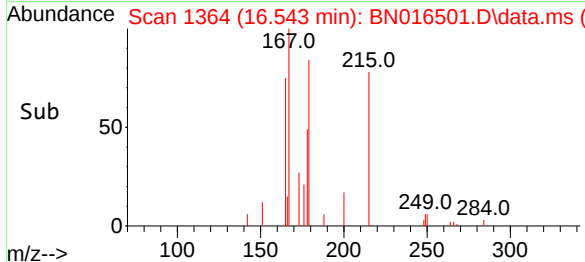
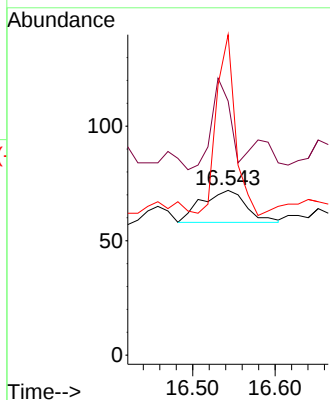
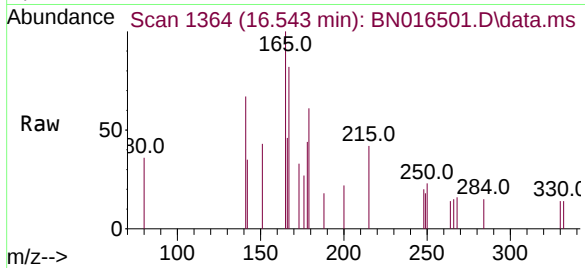




#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

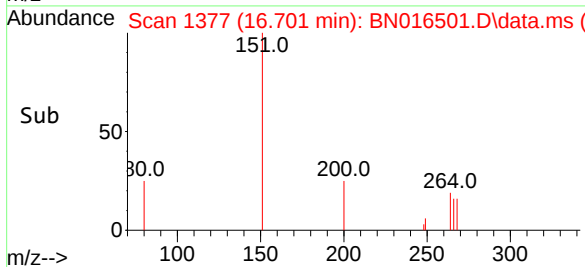
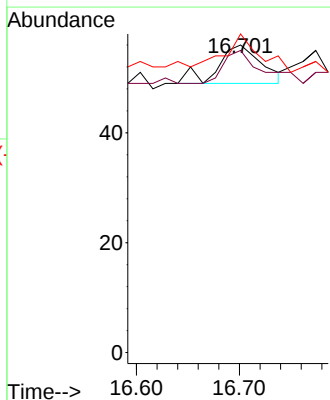
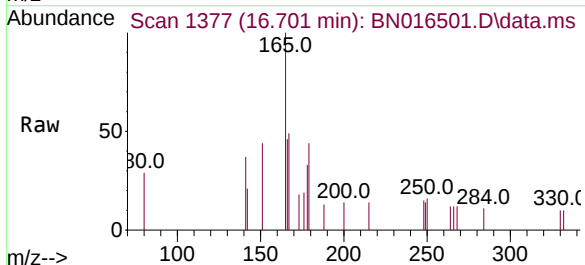
Instrument :
BNA_N
ClientSampleId :

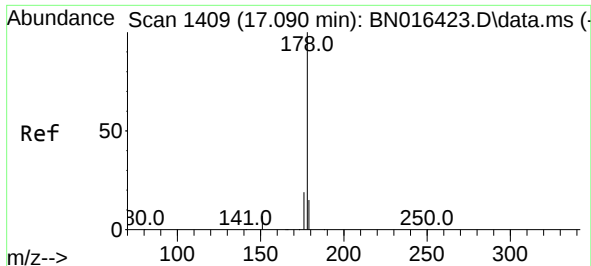
Tgt Ion:200 Resp: 53
Ion Ratio Lower Upper
200 100
173 154.2 18.7 28.1#
215 194.4 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
264 75.0 50.6 75.8
268 60.0 52.6 79.0

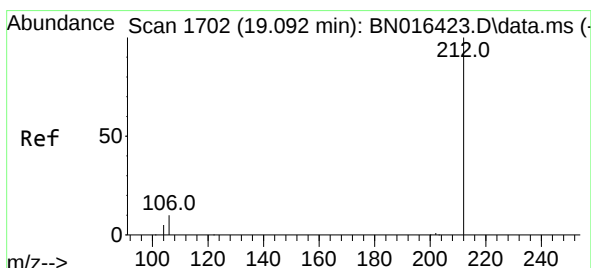
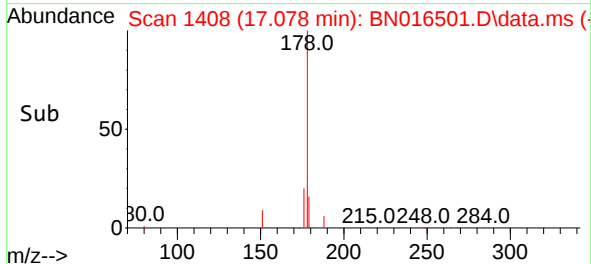
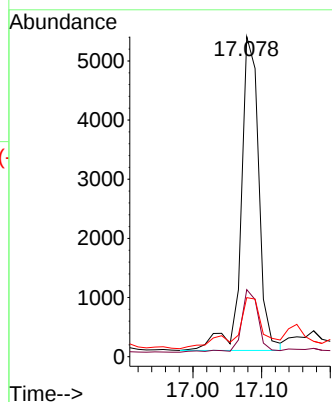
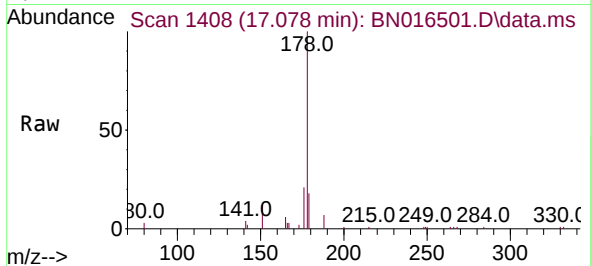




#25
Phenanthrene
Concen: 0.044 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

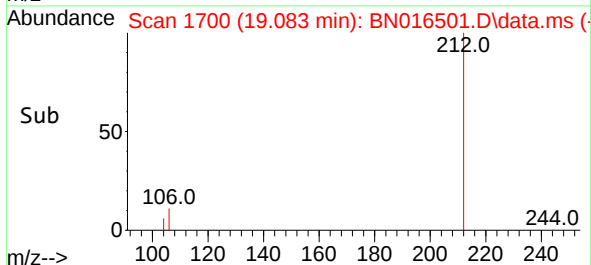
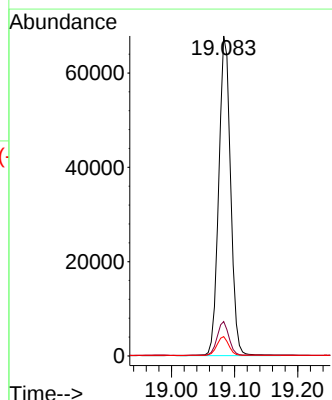
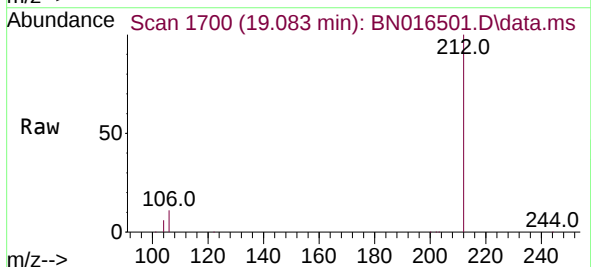
Instrument :
BNA_N
ClientSampleId :

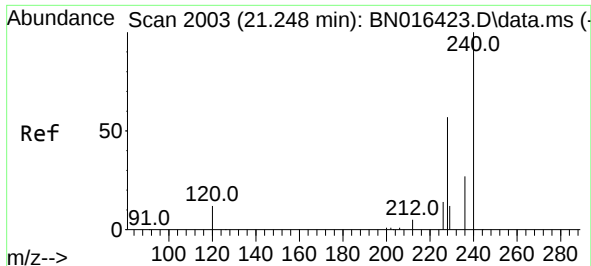
Tgt Ion:178 Resp: 9564
Ion Ratio Lower Upper
178 100
176 19.1 14.4 21.6
179 24.1 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:212 Resp: 88064
Ion Ratio Lower Upper
212 100
106 10.4 9.8 14.6
104 5.9 5.4 8.2

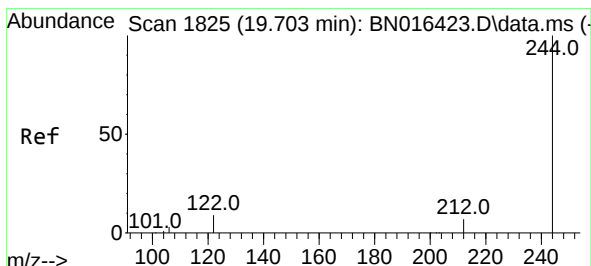
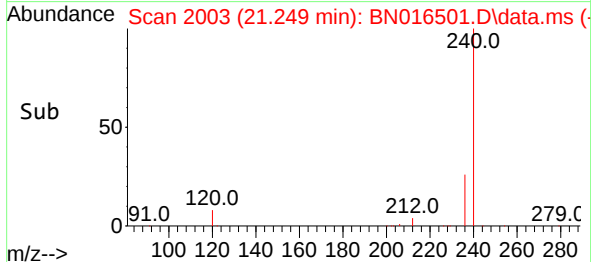
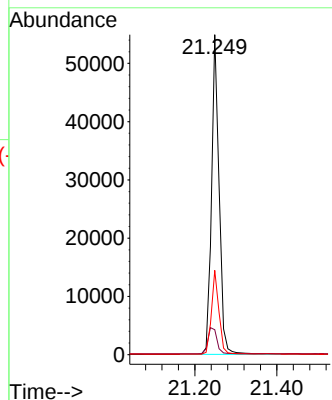
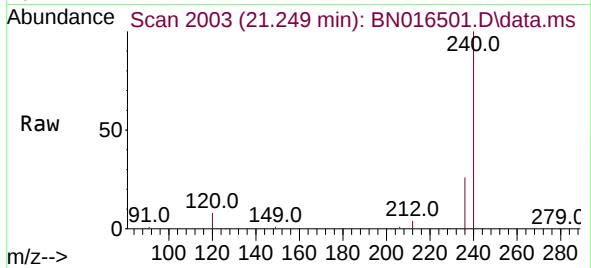




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

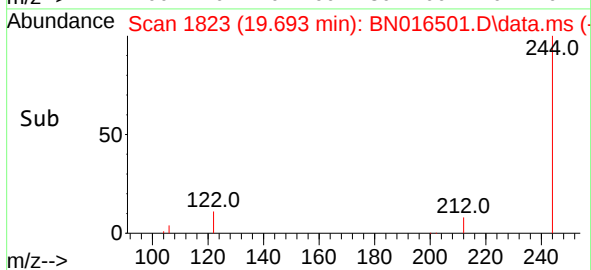
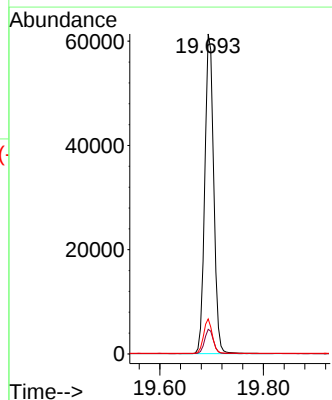
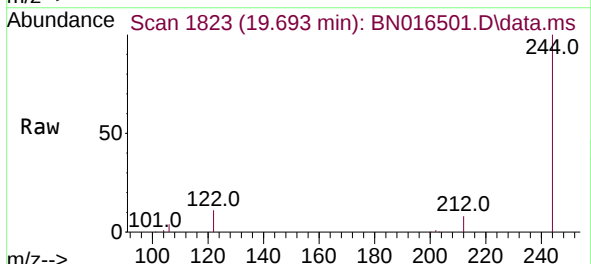
Instrument :
BNA_N
ClientSampleId :

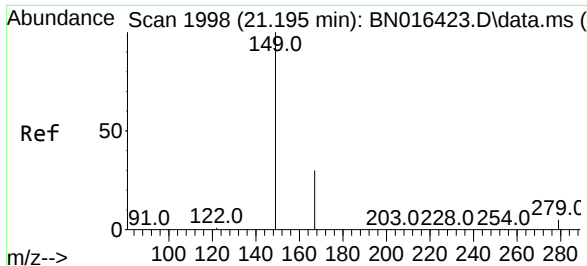
Tgt Ion:240 Resp: 70518
Ion Ratio Lower Upper
240 100
120 7.8 5.3 7.9
236 26.3 19.8 29.8



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.693 min Scan# 1823
Delta R.T. -0.010 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:244 Resp: 73440
Ion Ratio Lower Upper
244 100
212 7.7 5.5 8.3
122 10.9 9.0 13.4

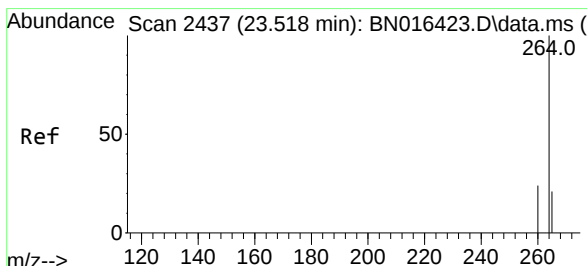
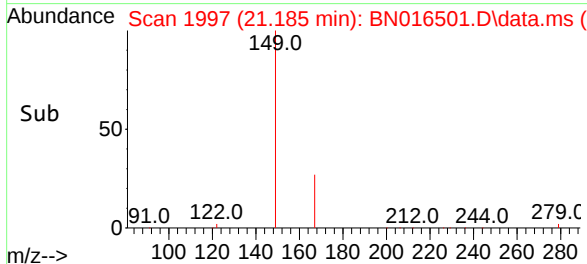
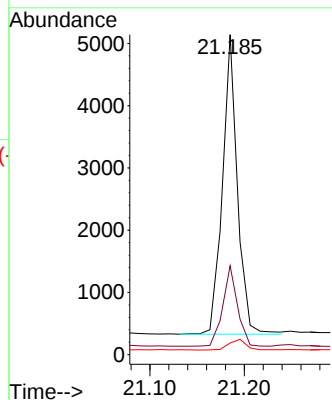
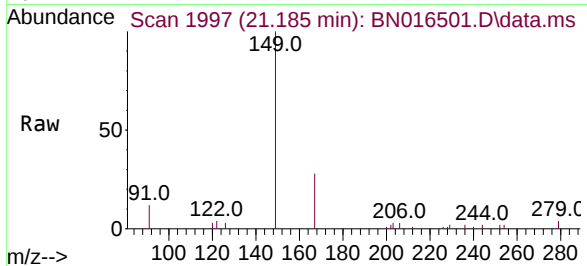




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016501.D
Acq: 26 Sep 2021 08:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 5278
Ion Ratio Lower Upper
149 100
167 26.3 23.4 35.0
279 4.0 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: BN016501.D
Acq: 26 Sep 2021 08:03

Tgt Ion:264 Resp: 60312
Ion Ratio Lower Upper
264 100
260 24.5 18.9 28.3
265 23.1 23.7 35.5#

