

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016498.D
 Acq On : 26 Sep 2021 06:15
 Operator : CG/JU
 Sample : M3833-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 06:59:15 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)

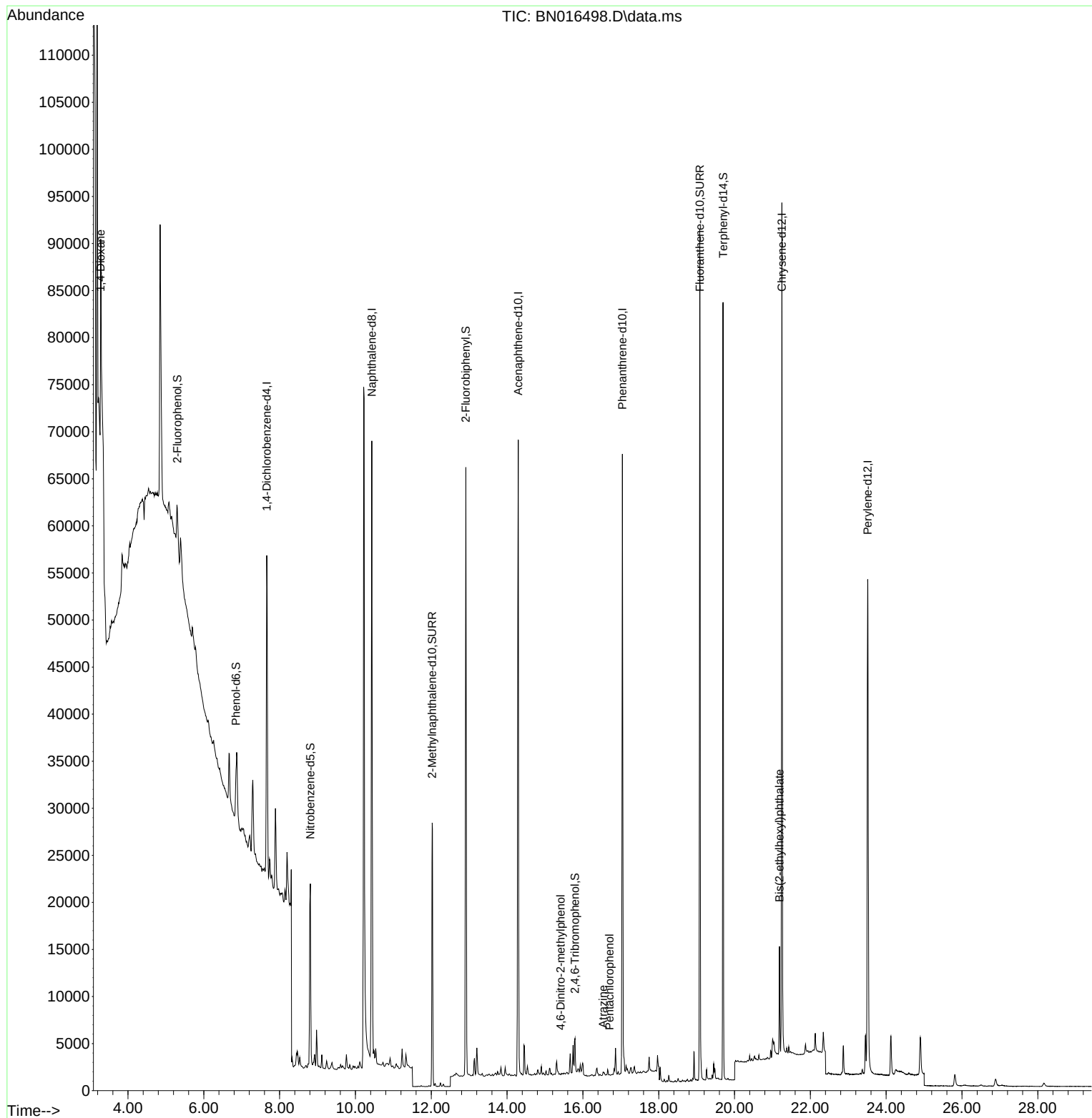
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	19595	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	82621	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	39236	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	83347	0.400	ng	0.00
29) Chrysene-d12	21.249	240	83120	0.400	ng	0.00
35) Perylene-d12	23.512	264	72935	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6001	0.137	ng	0.02
5) Phenol-d6	6.849	99	4414	0.085	ng	0.00
8) Nitrobenzene-d5	8.810	82	16201	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	37481	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2989	0.329	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	52912	0.321	ng	-0.01
27) Fluoranthene-d10	19.083	212	103295	0.452	ng	0.00
31) Terphenyl-d14	19.698	244	83633	0.433	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	17996	2.143	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.148	ng	# 1
23) Atrazine	16.531	200	42	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	33	0.246	ng	95
34) Bis(2-ethylhexyl)phtha...	21.185	149	10005	0.152	ng	96

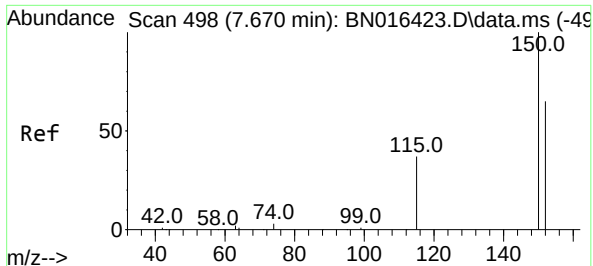
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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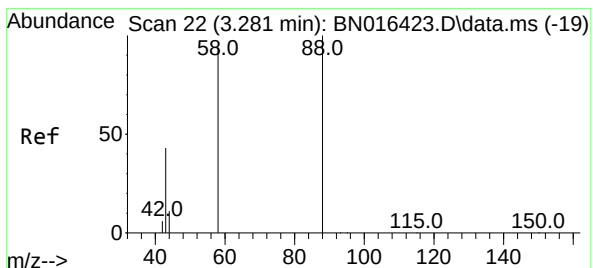
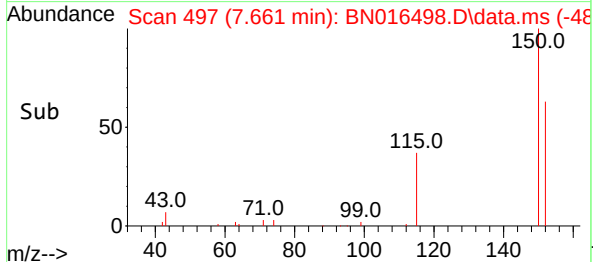
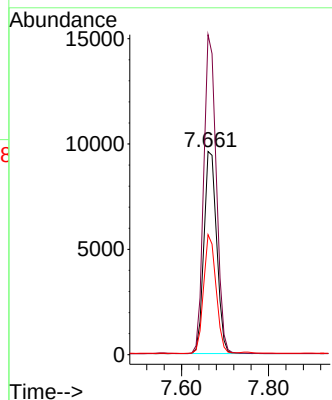
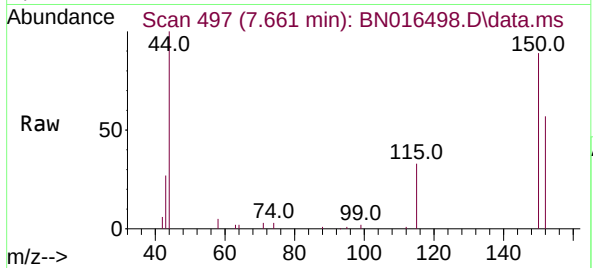




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016498.D
 Acq: 26 Sep 2021 06:15

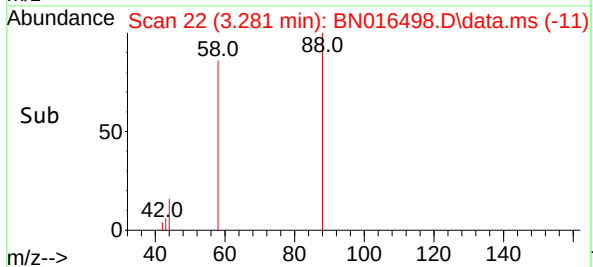
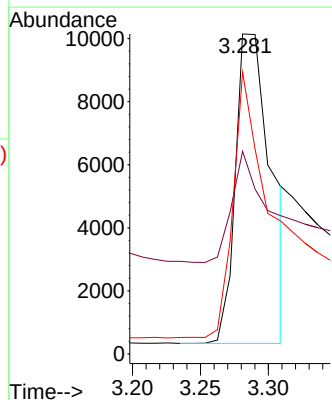
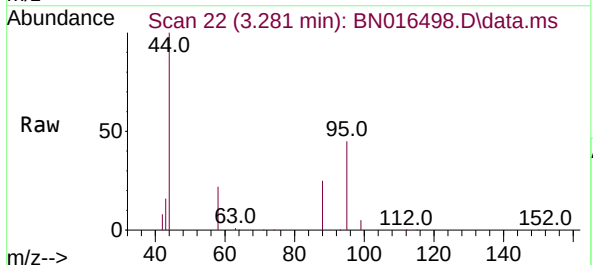
Instrument :
 BNA_N
 ClientSampled :

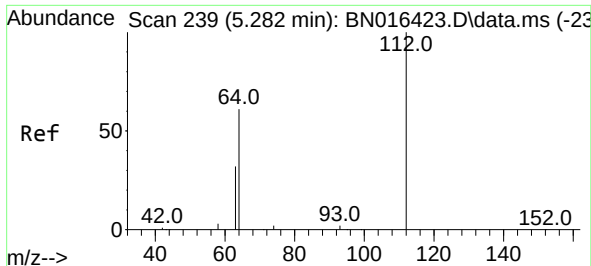
Tgt Ion:152 Resp: 19595
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.6 188.4
 115 59.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 2.143 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016498.D
 Acq: 26 Sep 2021 06:15

Tgt Ion: 88 Resp: 17996
 Ion Ratio Lower Upper
 88 100
 43 32.9 20.3 30.5#
 58 78.3 69.9 104.9

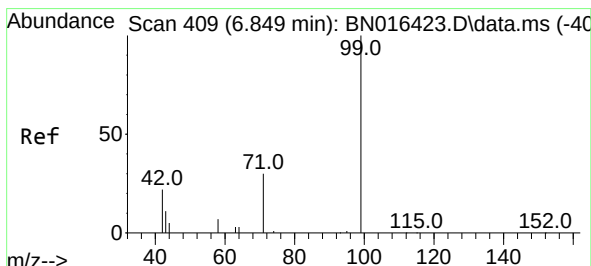
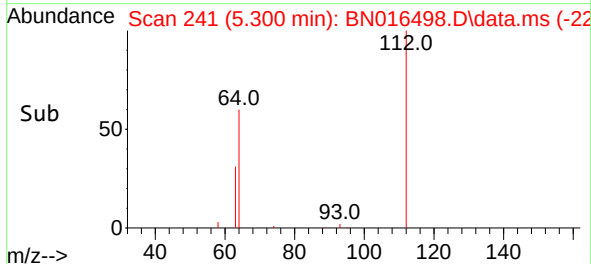
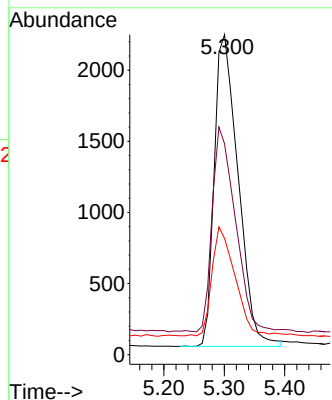
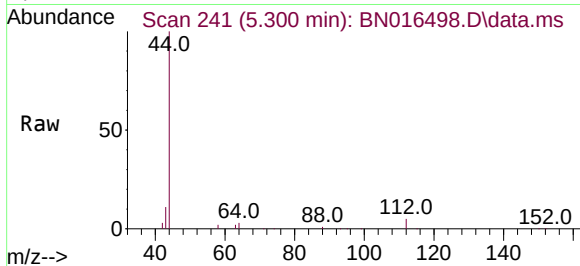




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

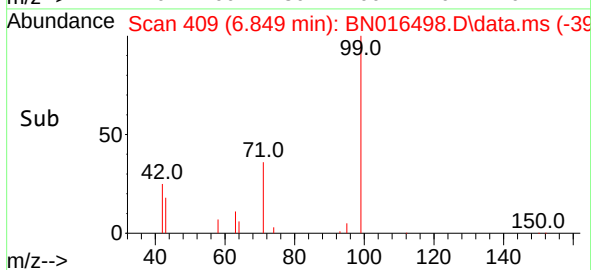
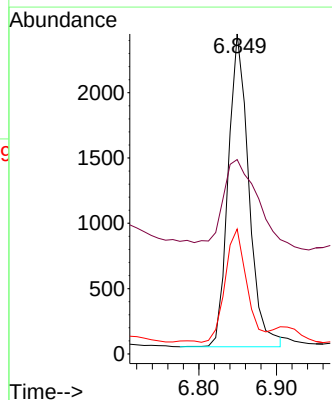
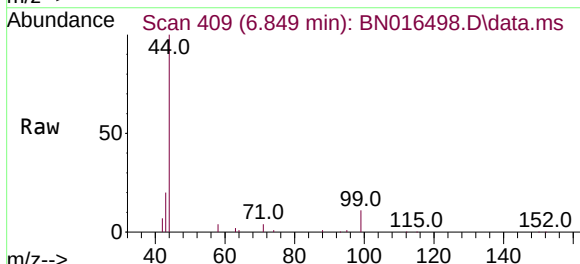
Instrument :
BNA_N
ClientSampled :

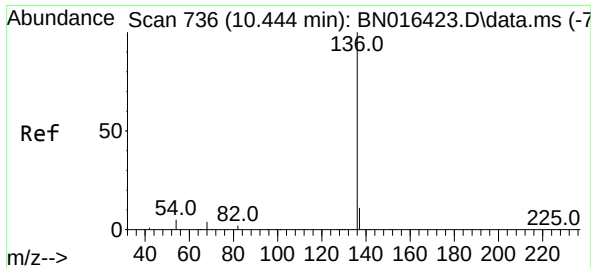
Tgt Ion: 112 Resp: 6001
Ion Ratio Lower Upper
112 100
64 63.4 47.3 70.9
63 33.8 23.4 35.0



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion: 99 Resp: 4414
Ion Ratio Lower Upper
99 100
42 41.1 14.0 21.0#
71 38.4 23.8 35.6#

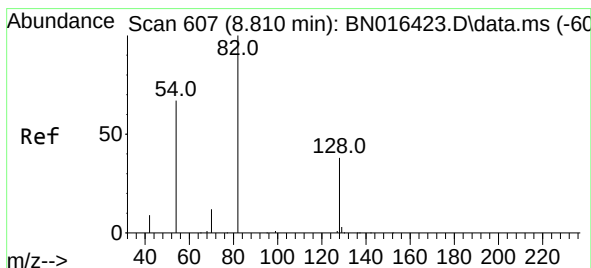
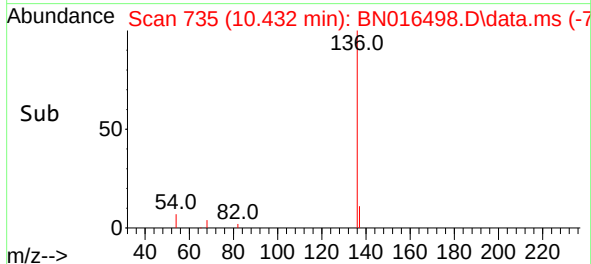
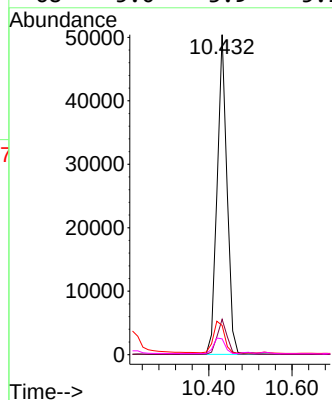
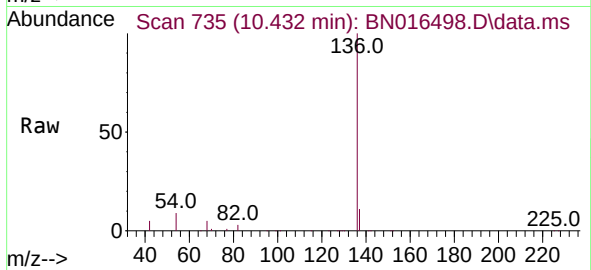




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

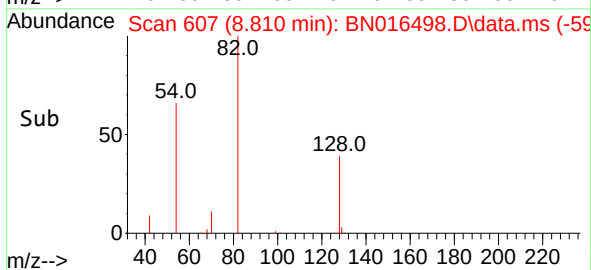
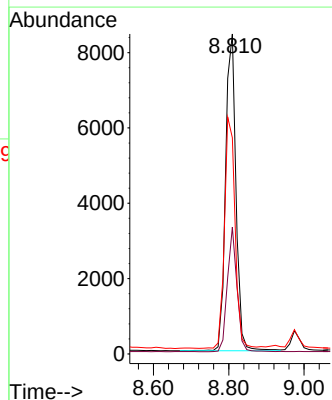
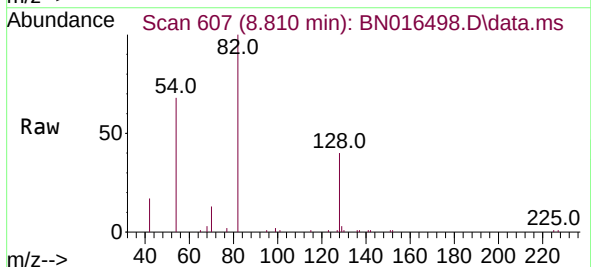
Instrument :
BNA_N
ClientSampleId :

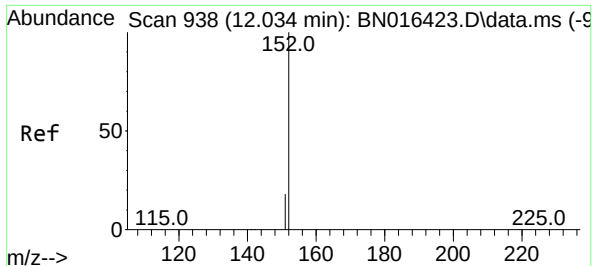
Tgt Ion:136	Resp:	82621
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.2	5.3 7.9#
68	5.0	3.9 5.9



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion: 82	Resp:	16201
Ion Ratio	Lower	Upper
82	100	
128	39.6	31.7 47.5
54	67.6	46.4 69.6

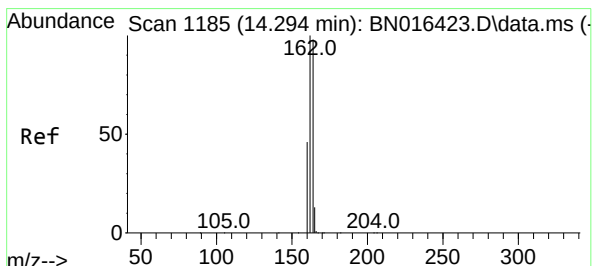
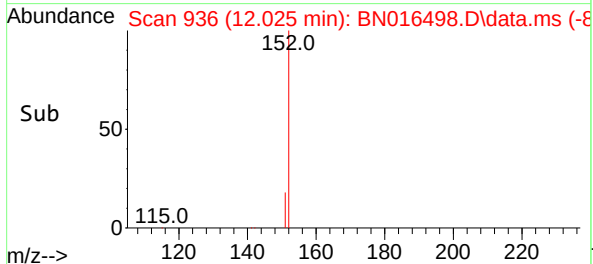
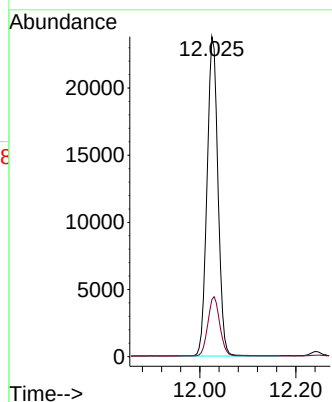
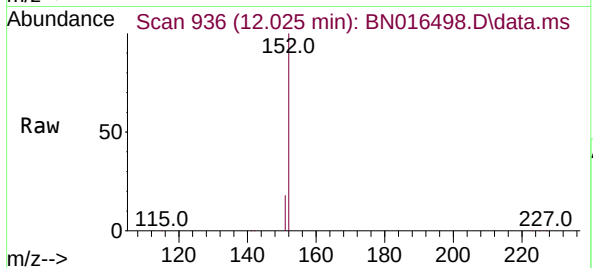




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

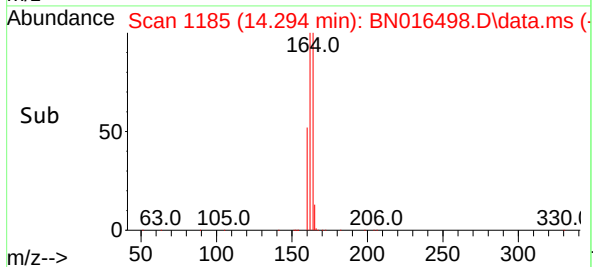
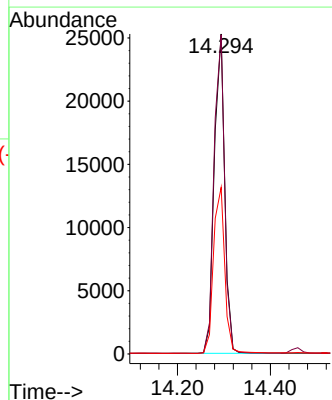
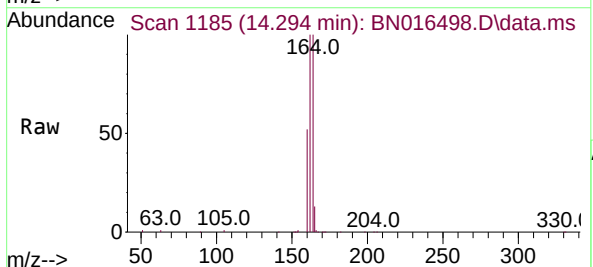
Instrument :
BNA_N
ClientSampled :

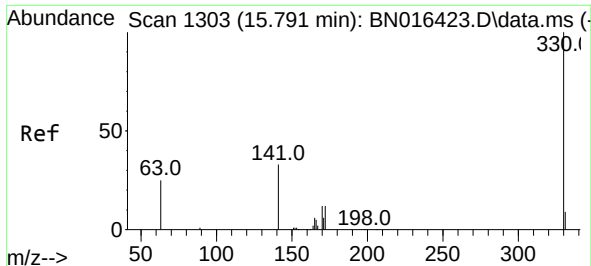
Tgt Ion:152 Resp: 37481
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion:164 Resp: 39236
Ion Ratio Lower Upper
164 100
162 99.7 79.0 118.4
160 52.0 34.1 51.1#

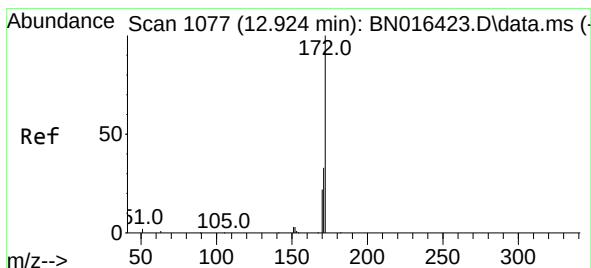
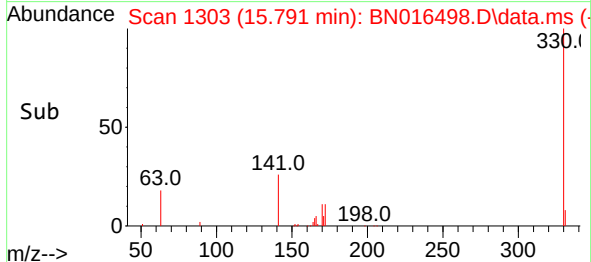
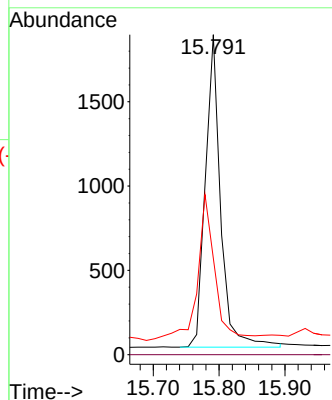
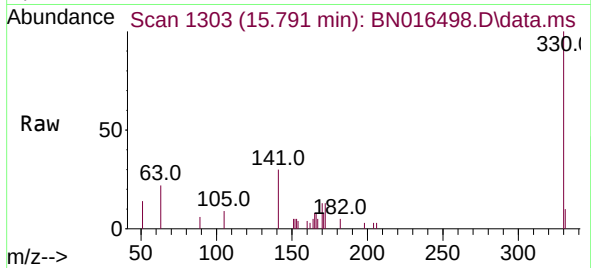




#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

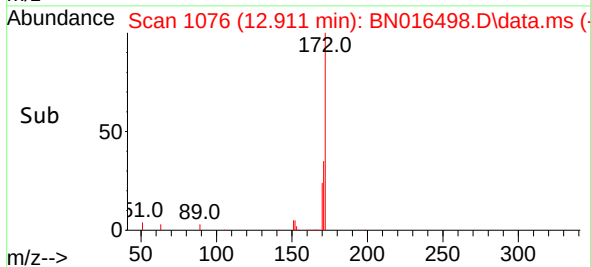
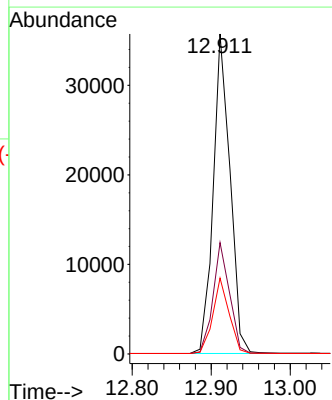
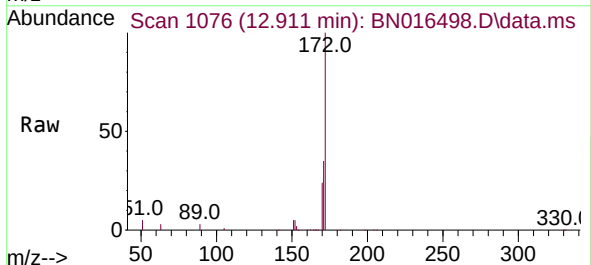
Instrument :
BNA_N
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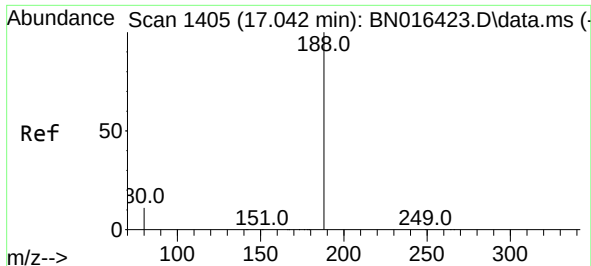
Tgt Ion:330 Resp: 2989
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion:172 Resp: 52912
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.7 18.2 27.2

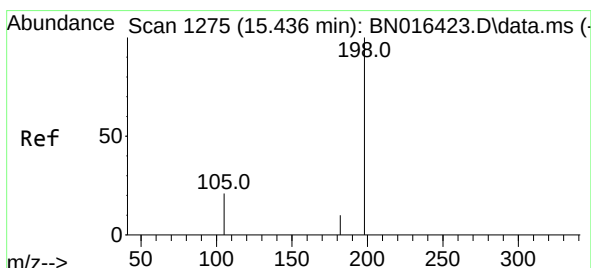
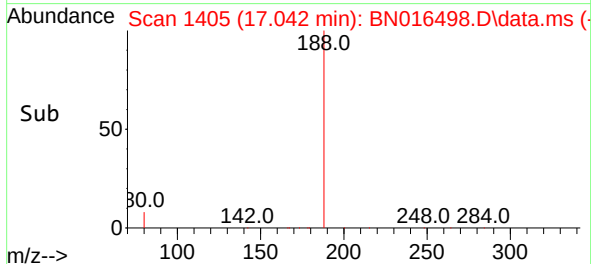
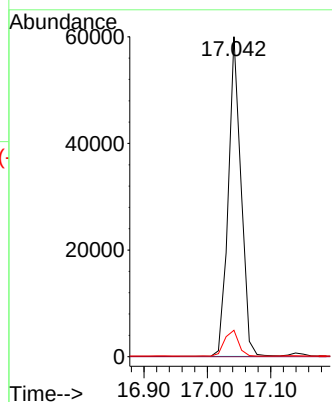
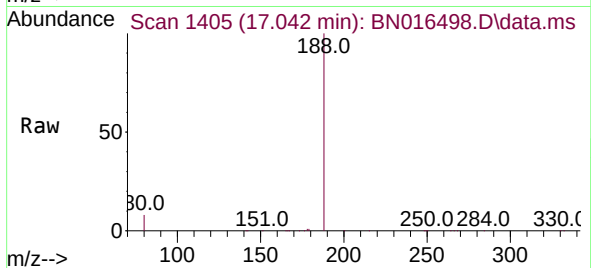




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

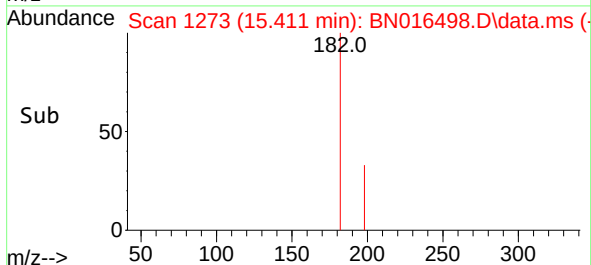
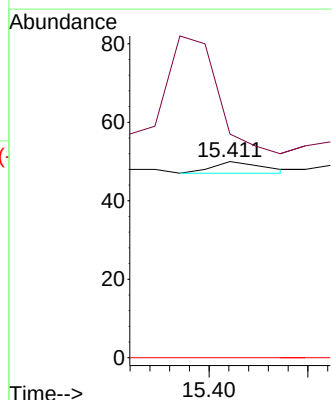
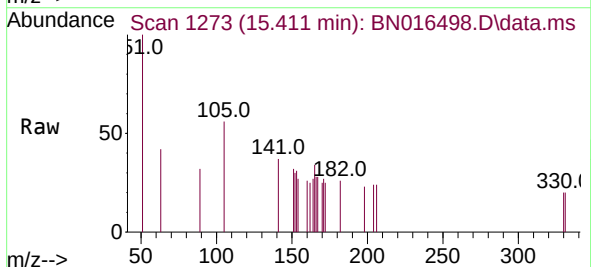
Instrument :
BNA_N
ClientSampleId :

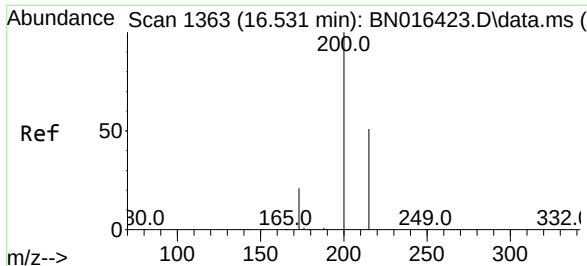
Tgt Ion:188	Resp:	83347
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.3	7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	114.0	26.6 39.8#
77	0.0	0.0 0.0

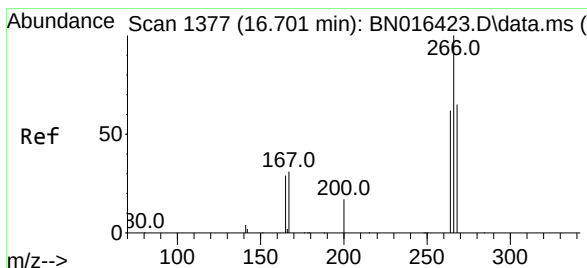
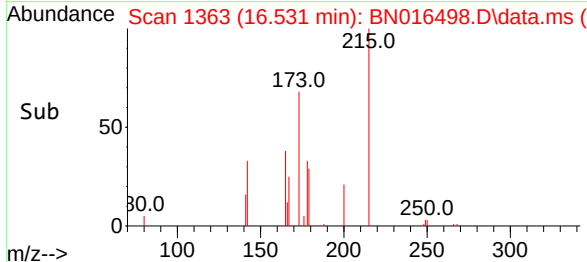
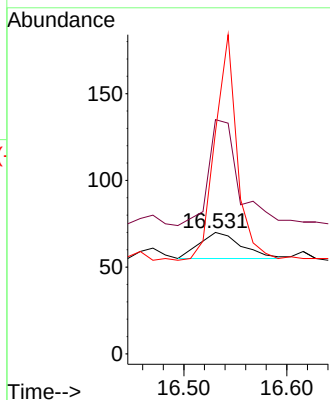
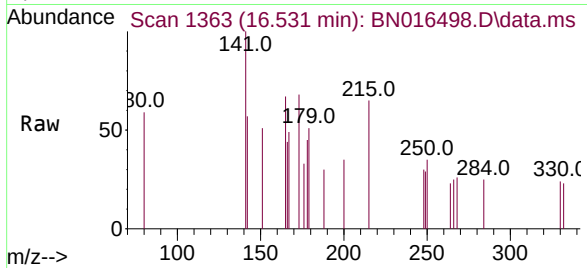




#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

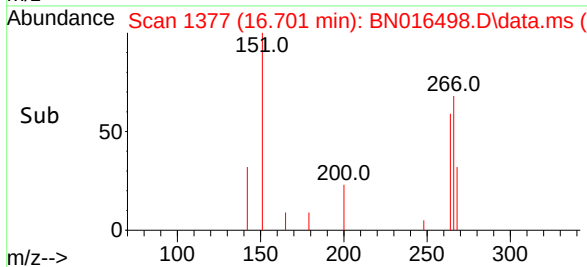
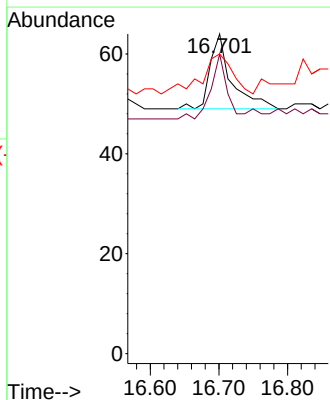
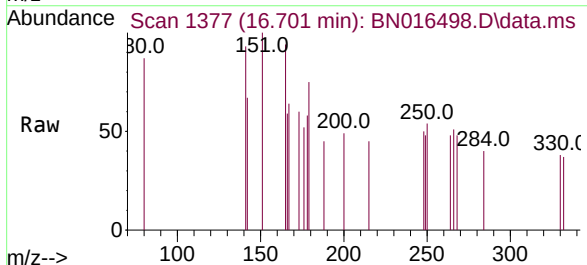
Instrument :
BNA_N
ClientSampleId :

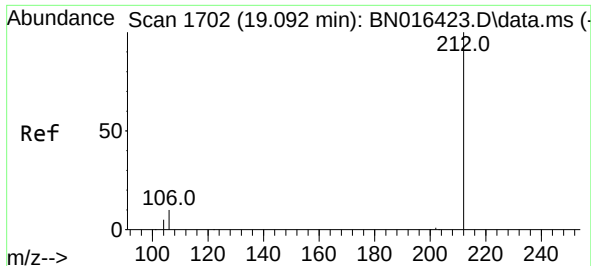
Tgt Ion:200 Resp: 42
Ion Ratio Lower Upper
200 100
173 192.9 18.7 28.1#
215 182.9 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 63.6 50.6 75.8
268 72.7 52.6 79.0

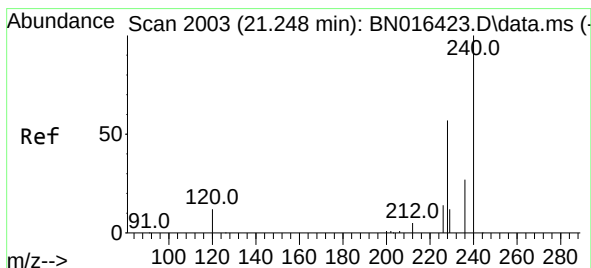
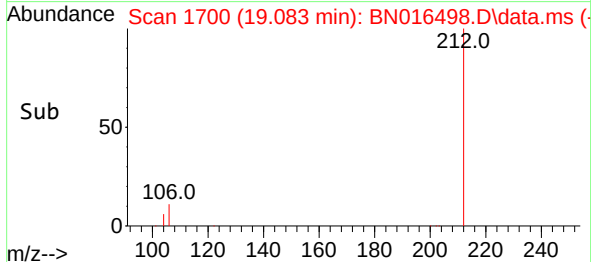
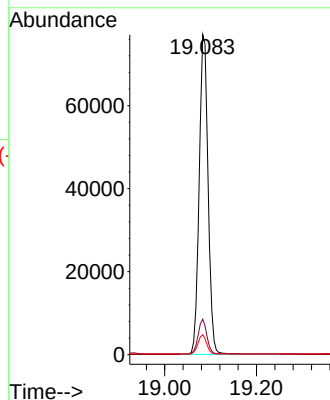
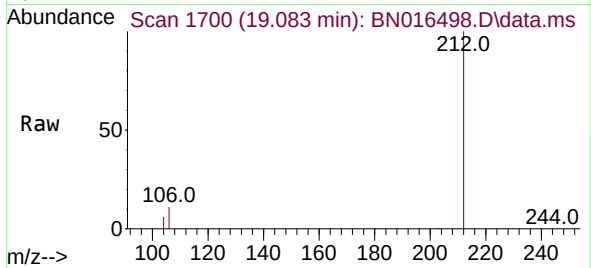




#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

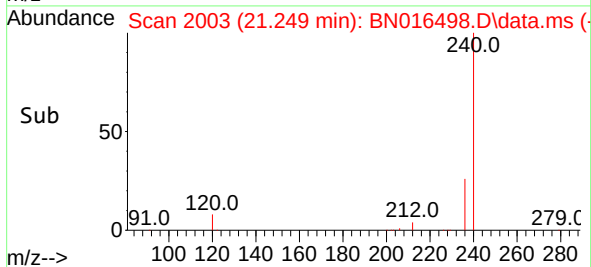
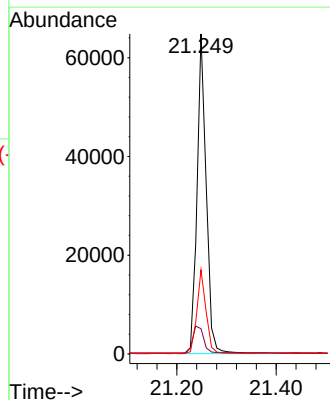
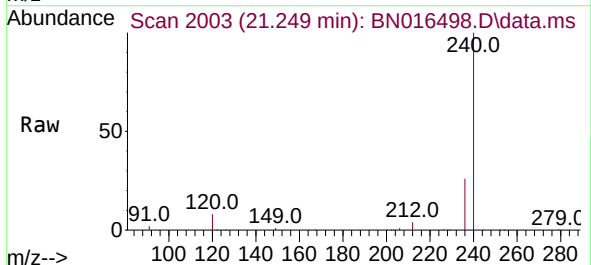
Instrument :
BNA_N
ClientSampleId :

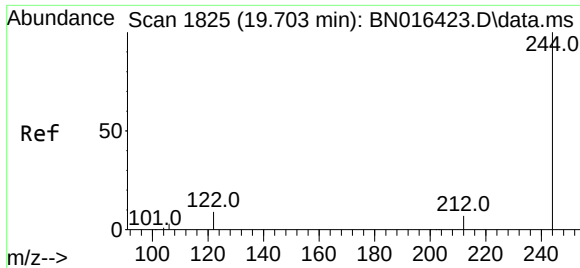
Tgt Ion:212 Resp: 103295
Ion Ratio Lower Upper
212 100
106 10.6 9.8 14.6
104 5.9 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016498.D
Acq: 26 Sep 2021 06:15

Tgt Ion:240 Resp: 83120
Ion Ratio Lower Upper
240 100
120 7.9 5.3 7.9
236 26.3 19.8 29.8

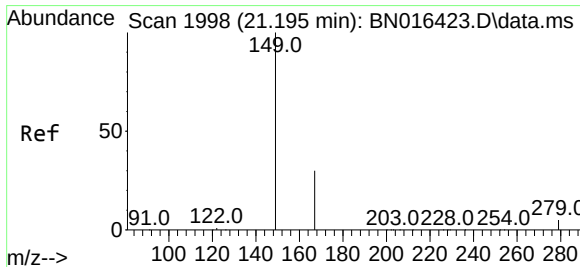
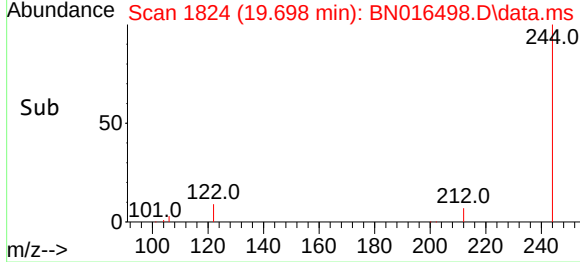
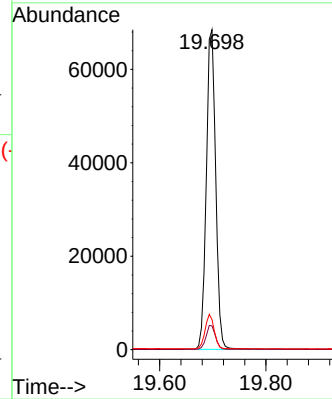
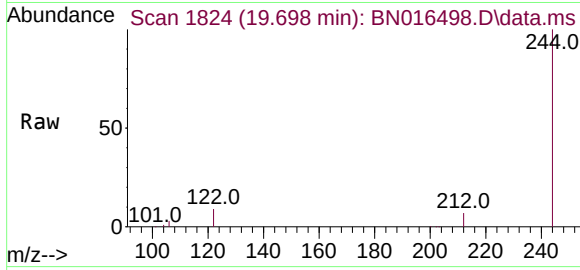




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016498.D
 Acq: 26 Sep 2021 06:15

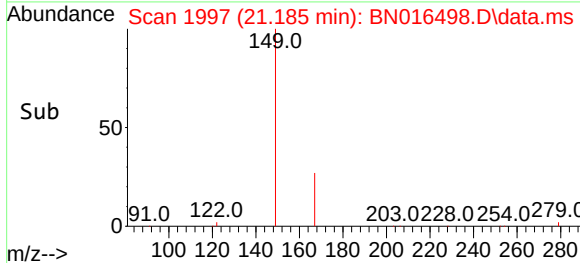
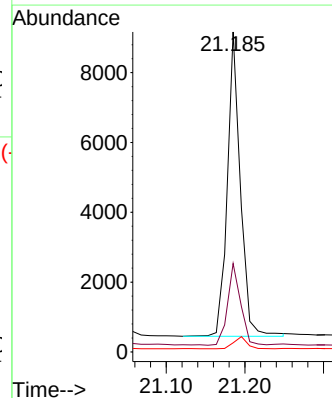
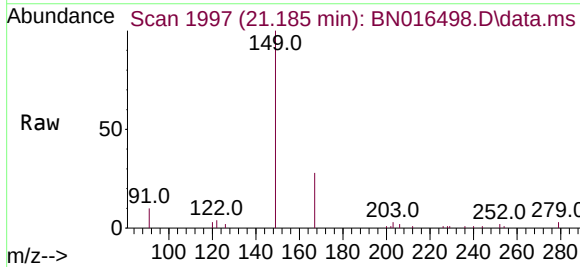
Instrument :
 BNA_N
 ClientSampleId :

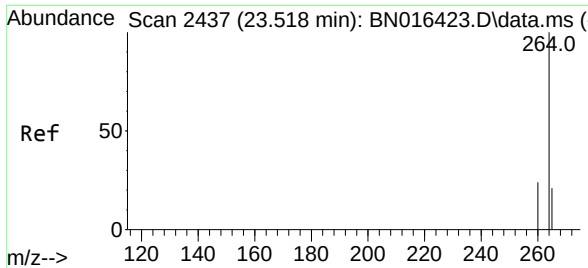
Tgt Ion:244	Resp:	83633
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	9.4	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.152 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016498.D
 Acq: 26 Sep 2021 06:15

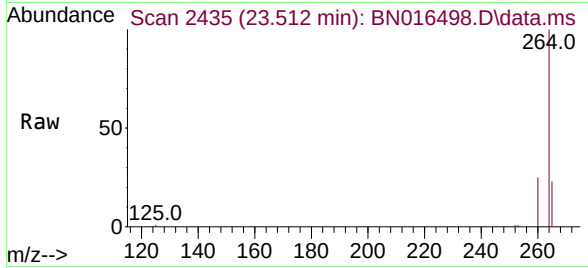
Tgt Ion:149	Resp:	10005
Ion Ratio	Lower	Upper
149	100	
167	26.7	23.4 35.0
279	4.0	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.512 min Scan# 2435
 Delta R.T. -0.007 min
 Lab File: BN016498.D
 Acq: 26 Sep 2021 06:15

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 72935

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	23.0	23.7	35.5#

