

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016515.D
 Acq On : 26 Sep 2021 17:37
 Operator : CG/JU
 Sample : M3833-16
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:31:49 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)

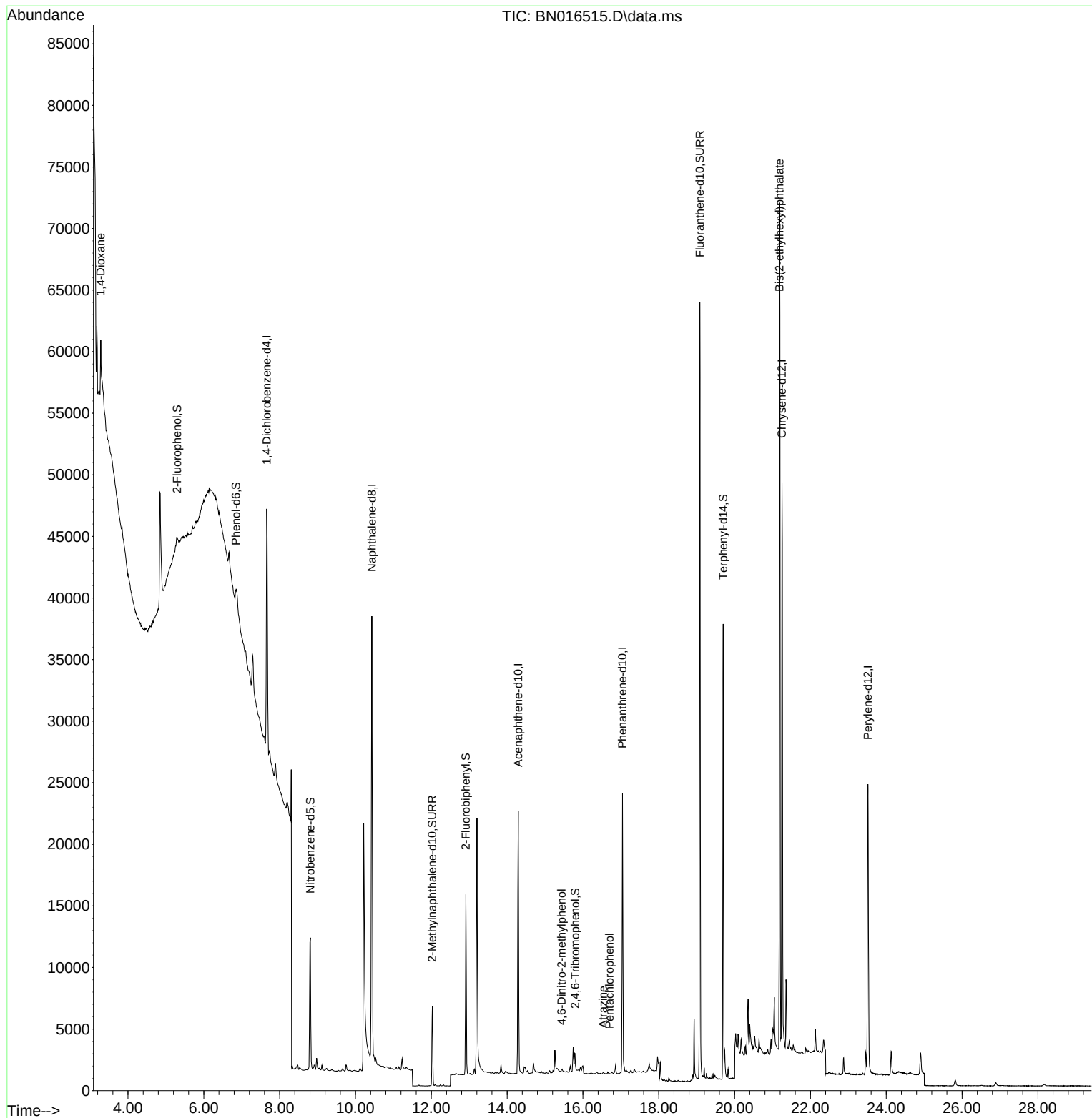
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	11737	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	45540	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	9706	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	28729	0.400	ng	0.00
29) Chrysene-d12	21.249	240	48066	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	31411	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	872	0.033	ng	0.00
5) Phenol-d6	6.849	99	1009	0.032	ng	0.00
8) Nitrobenzene-d5	8.810	82	9211	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	8465	0.125	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1023	0.408	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	11930	0.293	ng	-0.01
27) Fluoranthene-d10	19.083	212	70408	0.893	ng	0.00
31) Terphenyl-d14	19.698	244	35810	0.320	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	2958	0.588	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.436	198	4	0.149	ng	# 1
23) Atrazine	16.531	200	12	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	14	0.246	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.185	149	68624	1.806	ng	# 96

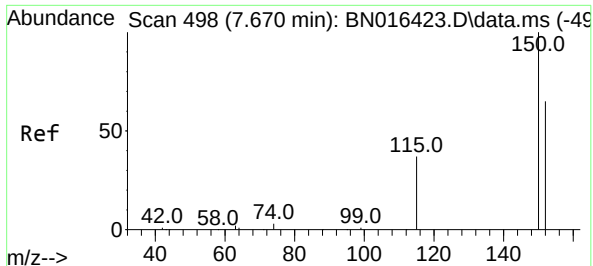
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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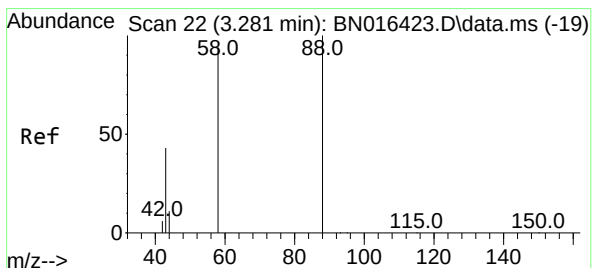
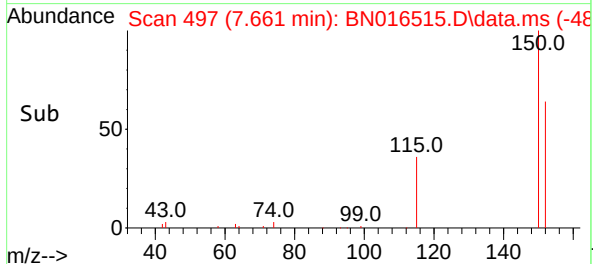
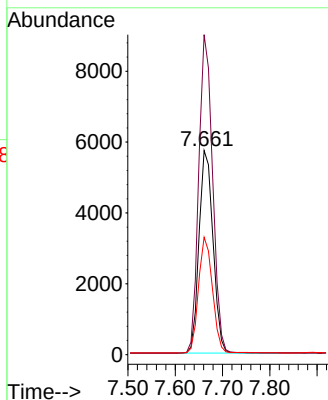
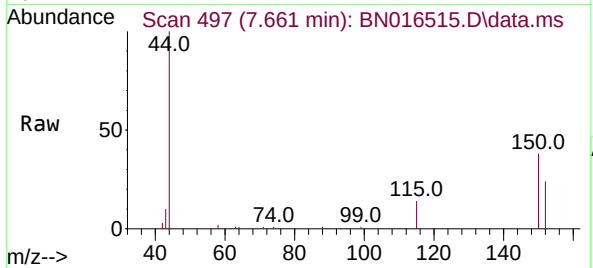




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.661 min Scan# 497
Delta R.T. -0.009 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

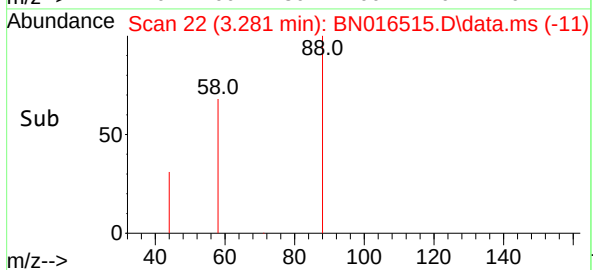
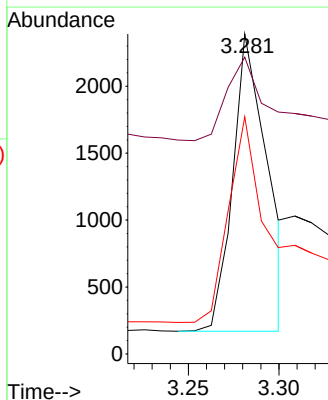
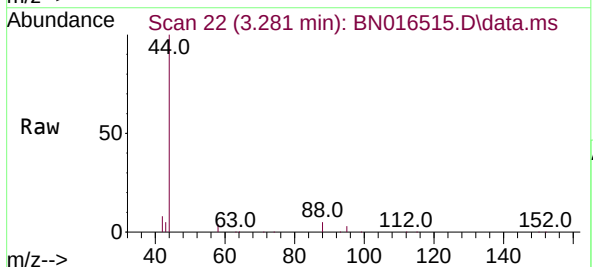
Instrument :
BNA_N
ClientSampleId :

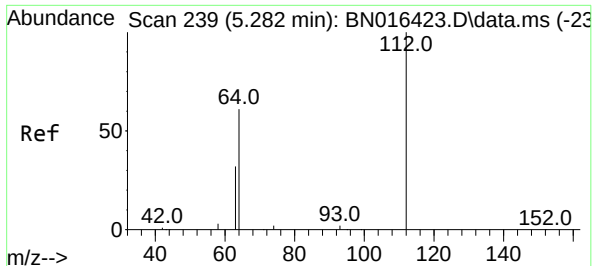
Tgt Ion:152 Resp: 11737
Ion Ratio Lower Upper
152 100
150 156.8 125.6 188.4
115 57.5 50.2 75.2



#2
1,4-Dioxane
Concen: 0.588 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion: 88 Resp: 2958
Ion Ratio Lower Upper
88 100
43 33.0 20.3 30.5#
58 70.7 69.9 104.9

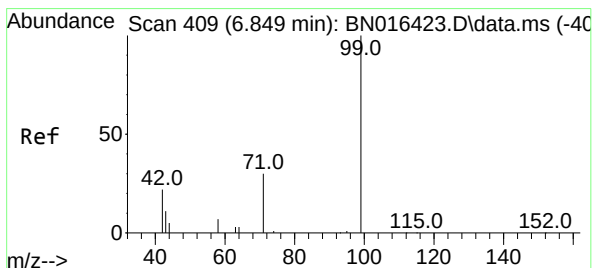
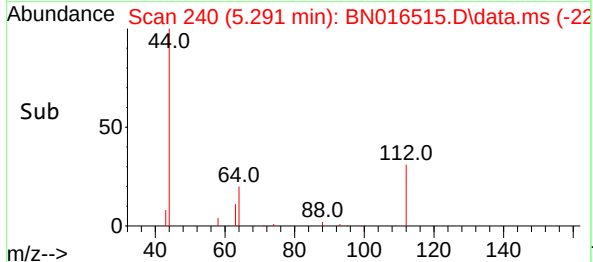
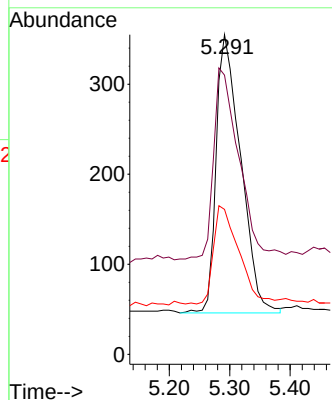
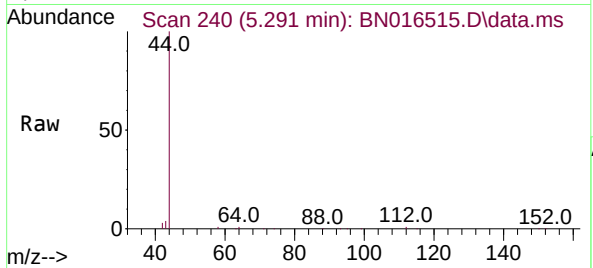




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.010 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

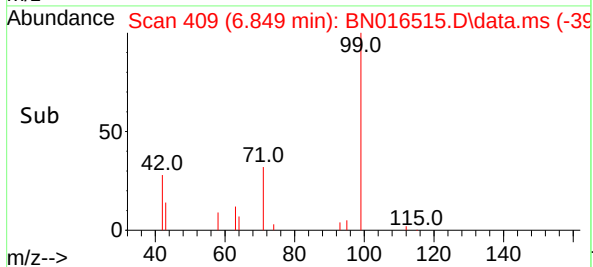
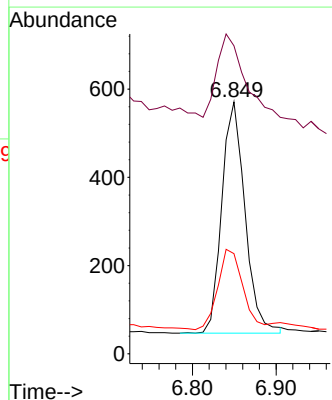
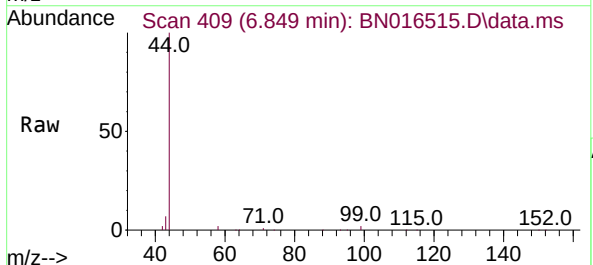
Instrument :
BNA_N
ClientSampleId :

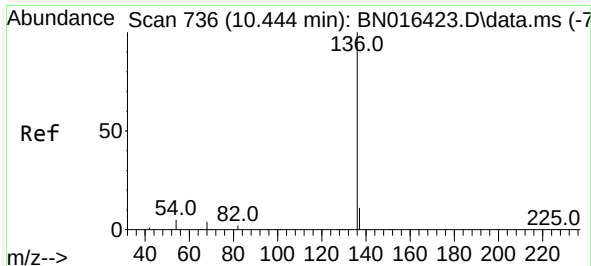
Tgt Ion:112 Resp: 872
Ion Ratio Lower Upper
112 100
64 72.0 47.3 70.9#
63 36.2 23.4 35.0#



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion: 99 Resp: 1009
Ion Ratio Lower Upper
99 100
42 42.0 14.0 21.0#
71 37.5 23.8 35.6#

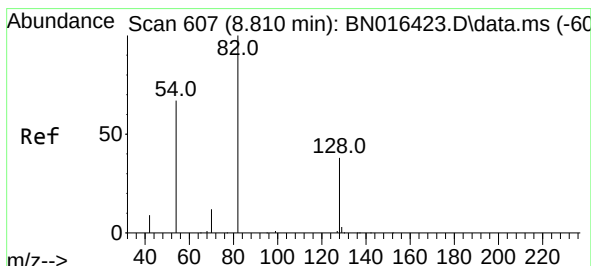
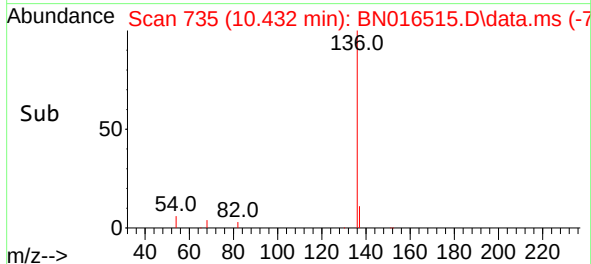
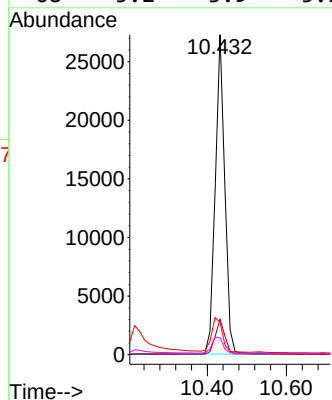
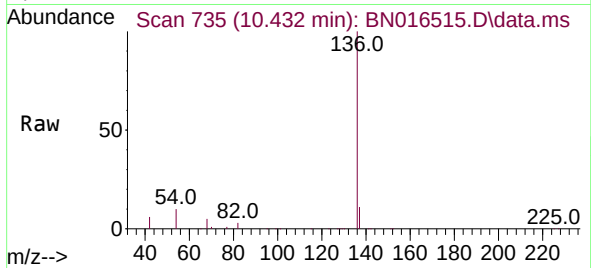




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

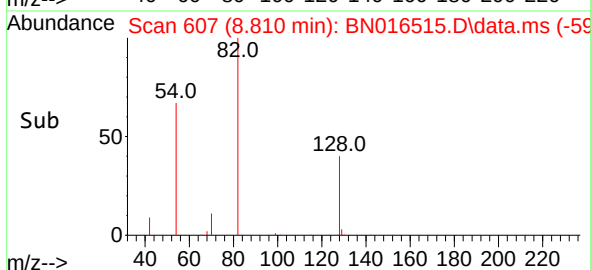
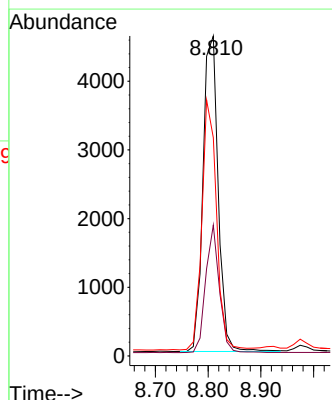
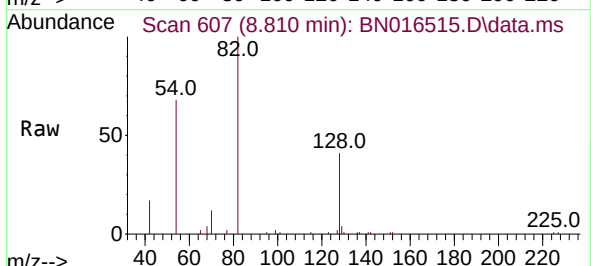
Instrument :
BNA_N
ClientSampleId :

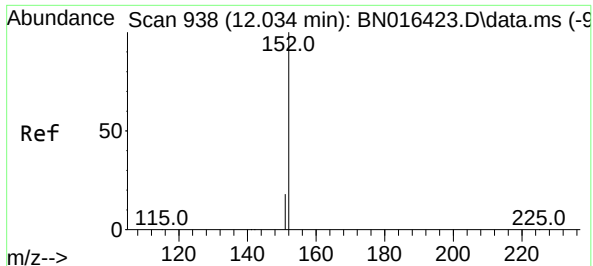
Tgt Ion:	136	Resp:	45540
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.0	5.3	7.9#
68	5.2	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion:	82	Resp:	9211
Ion Ratio	Lower	Upper	
82	100		
128	40.9	31.7	47.5
54	68.2	46.4	69.6

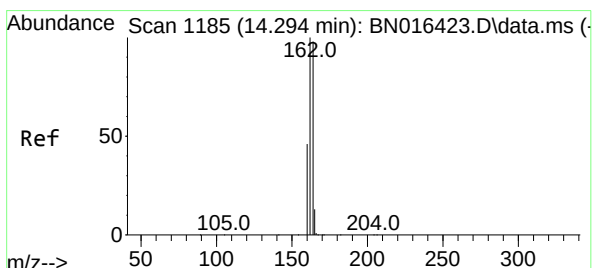
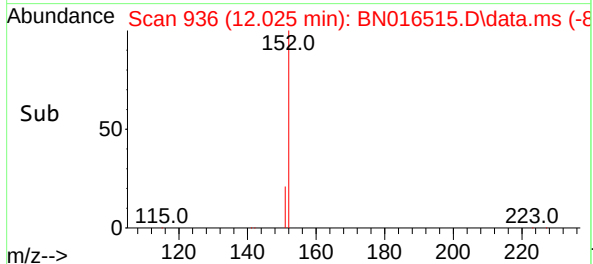
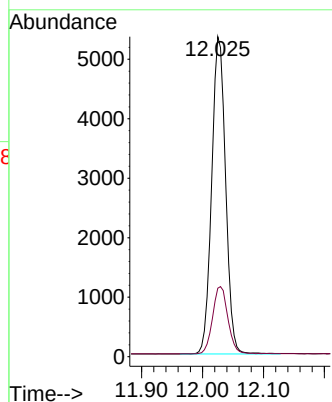
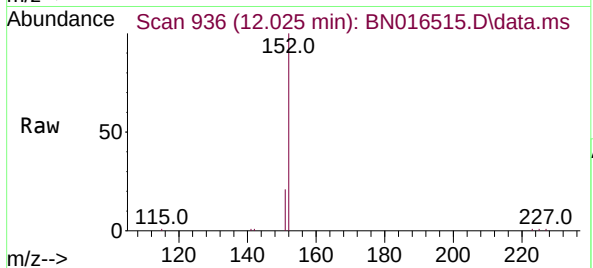




#11
2-Methylnaphthalene-d10
Concen: 0.125 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

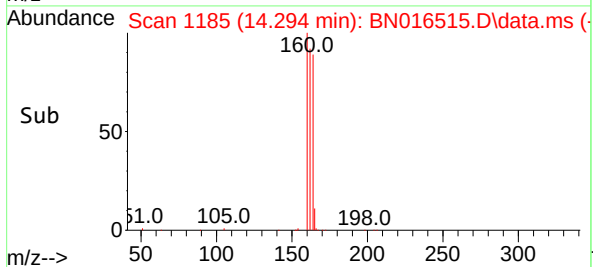
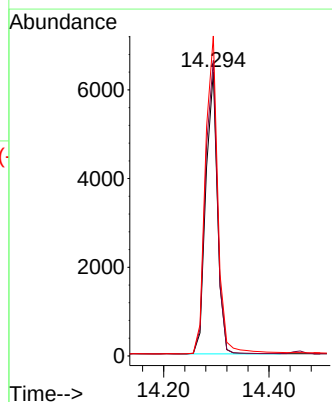
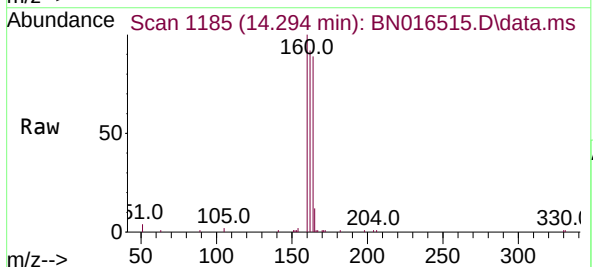
Instrument :
BNA_N
ClientSampled :

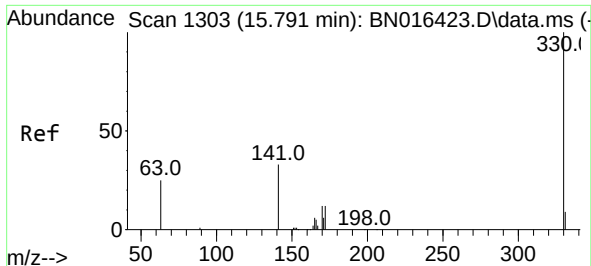
Tgt Ion:152 Resp: 8465
Ion Ratio Lower Upper
152 100
151 23.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion:164 Resp: 9706
Ion Ratio Lower Upper
164 100
162 104.0 79.0 118.4
160 112.7 34.1 51.1#

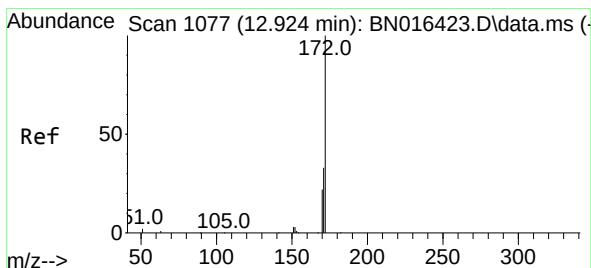
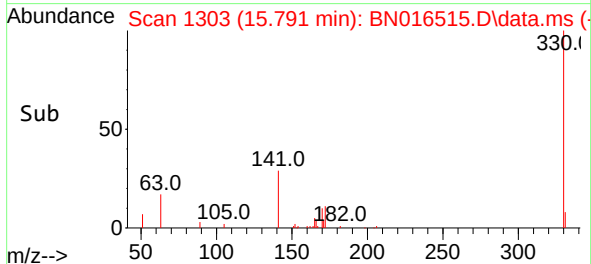
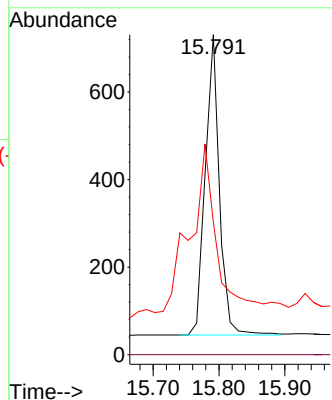
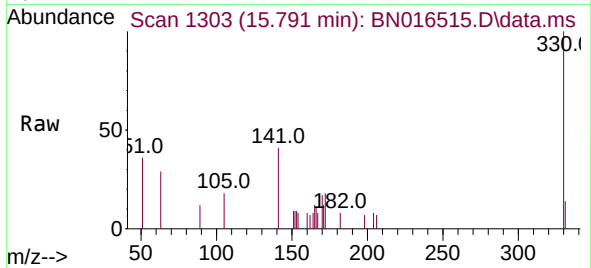




#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

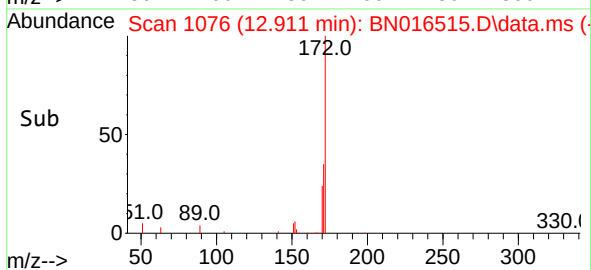
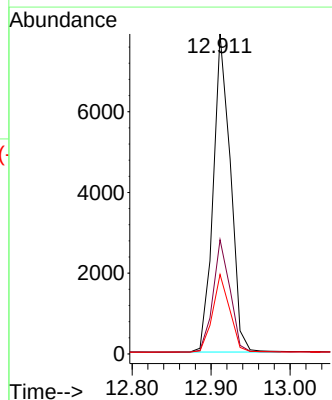
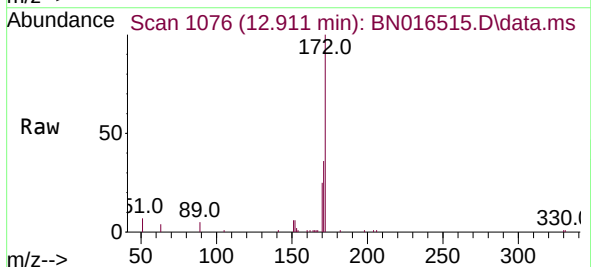
Instrument :
BNA_N
ClientSampleId :

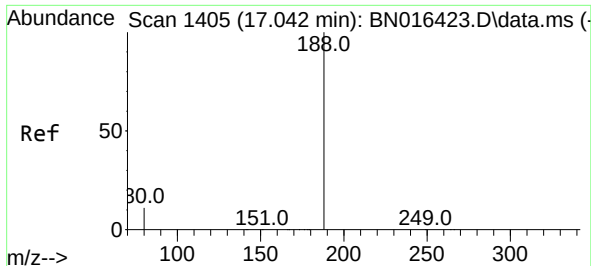
Tgt Ion:330 Resp: 1023
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 103.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion:172 Resp: 11930
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.8 18.2 27.2

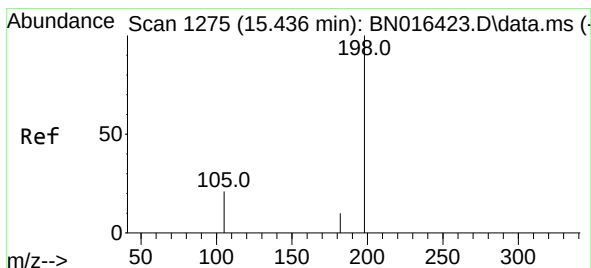
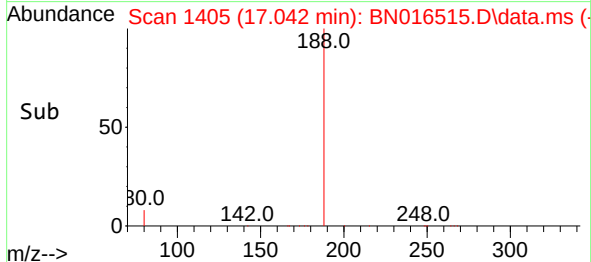
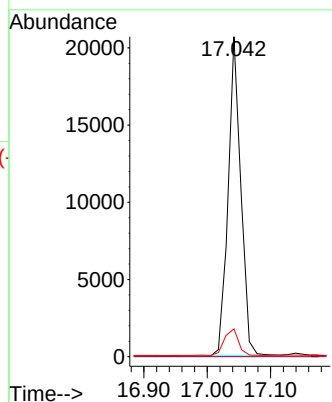
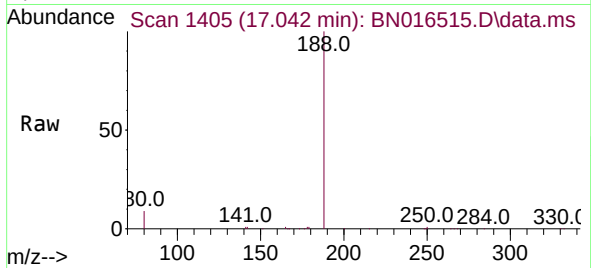




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

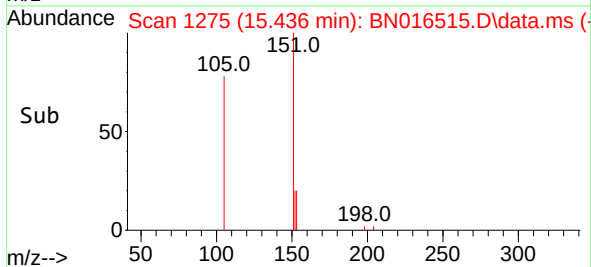
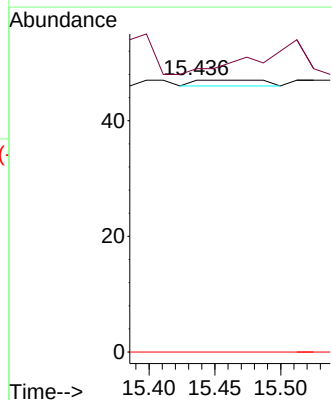
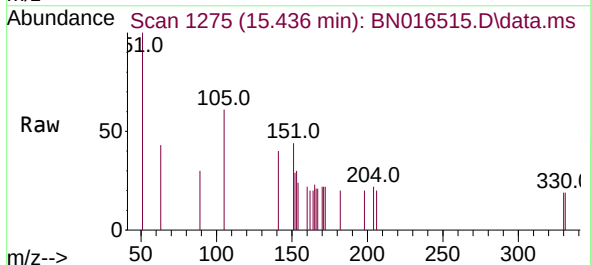
Instrument :
BNA_N
ClientSampleId :

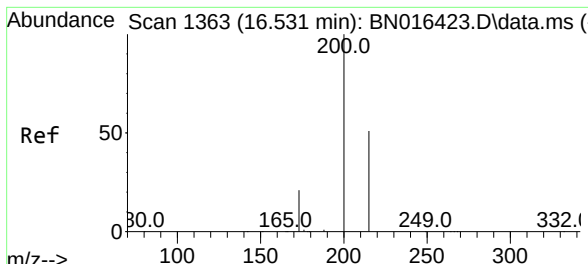
Tgt Ion:188 Resp: 28729
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 104.3 26.6 39.8#
77 0.0 0.0 0.0

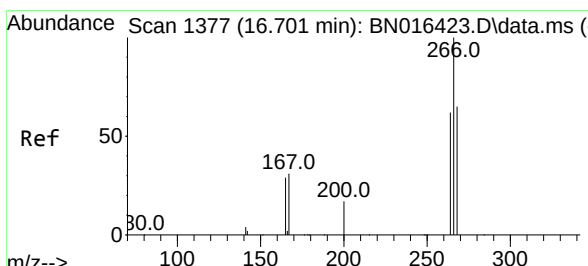
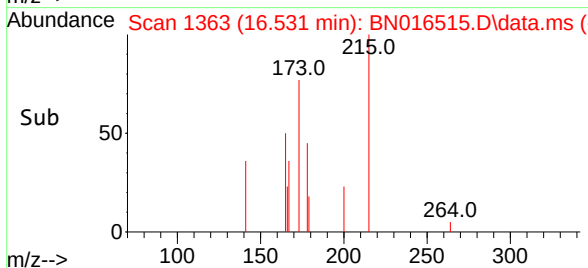
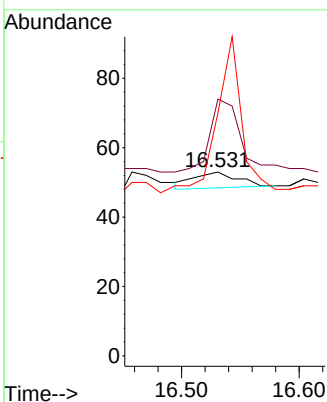
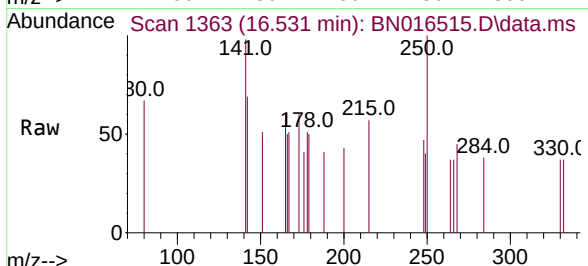




#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

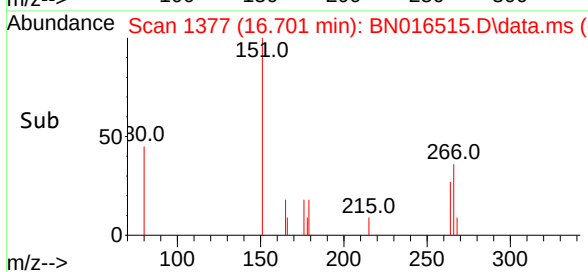
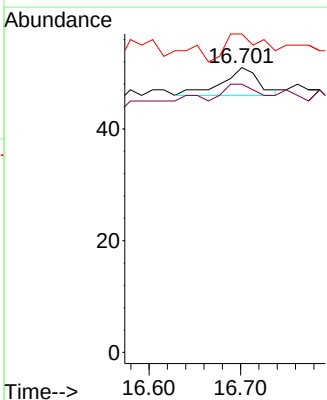
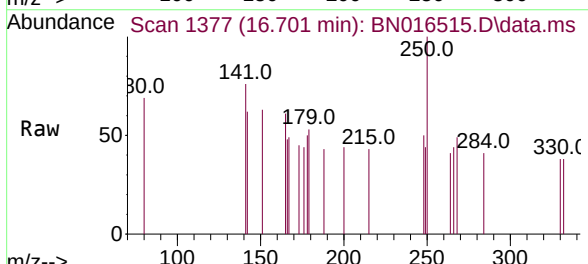
Instrument :
BNA_N
ClientSampleId :

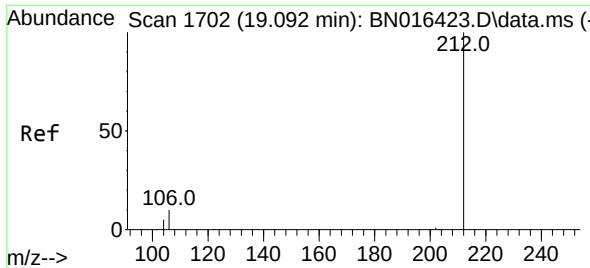
Tgt Ion:	200	Resp:	12
Ion Ratio	Lower	Upper	
200	100		
173	139.6	18.7	28.1#
215	132.1	41.6	62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion:	266	Resp:	14
Ion Ratio	Lower	Upper	
266	100		
264	64.3	50.6	75.8
268	107.1	52.6	79.0#

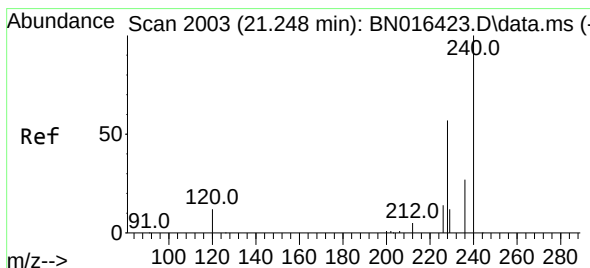
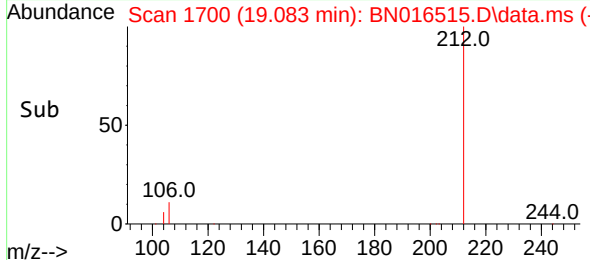
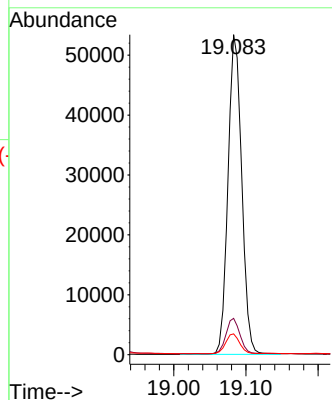
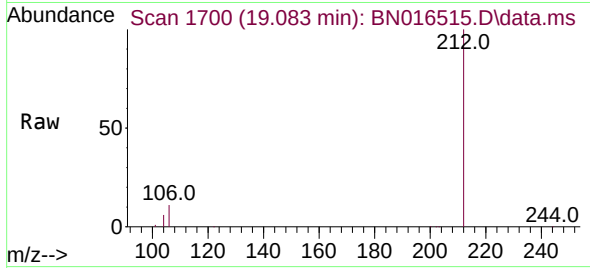




#27
Fluoranthene-d10
Concen: 0.893 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

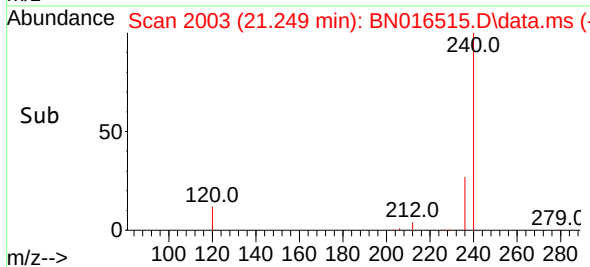
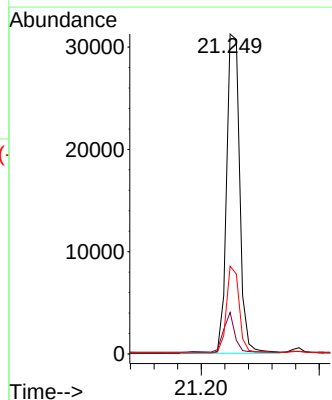
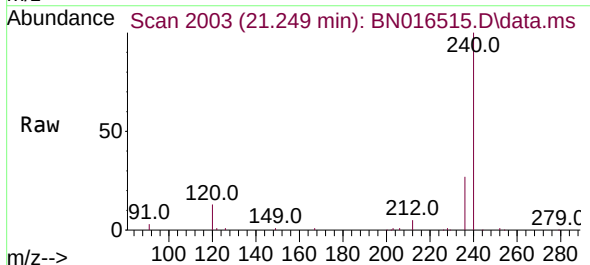
Instrument :
BNA_N
ClientSampleId :

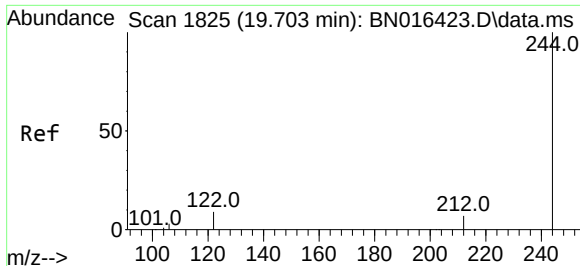
Tgt Ion:212 Resp: 70408
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.4 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016515.D
Acq: 26 Sep 2021 17:37

Tgt Ion:240 Resp: 48066
Ion Ratio Lower Upper
240 100
120 13.0 5.3 7.9#
236 27.5 19.8 29.8

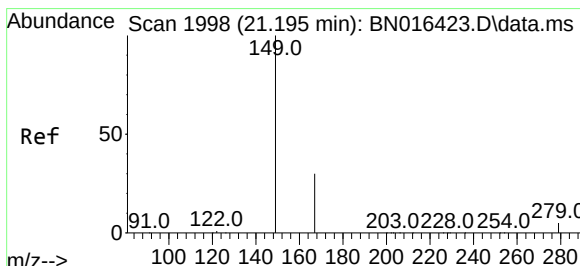
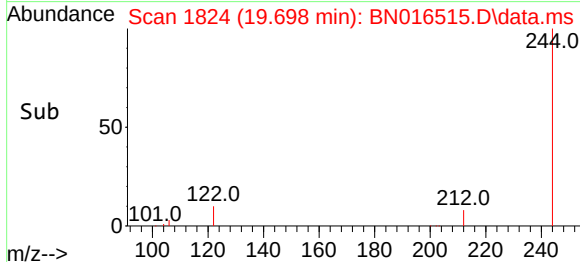
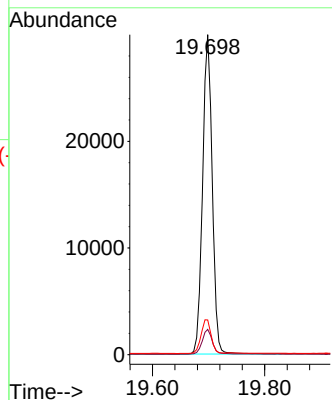
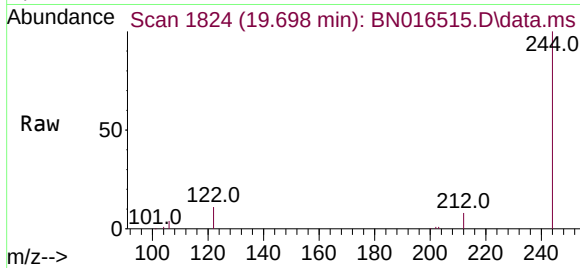




#31
 Terphenyl-d14
 Concen: 0.320 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016515.D
 Acq: 26 Sep 2021 17:37

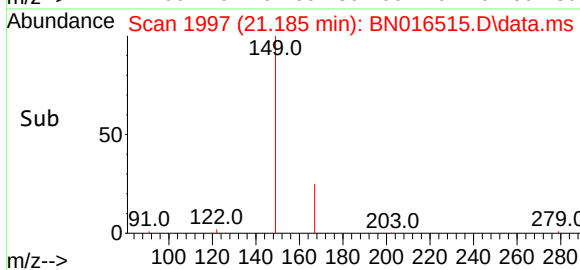
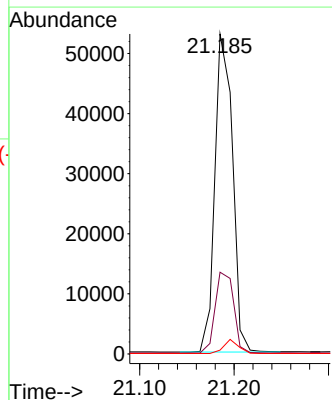
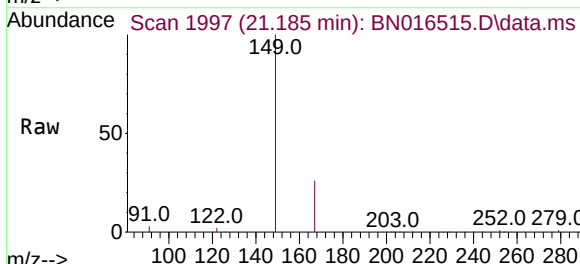
Instrument :
 BNA_N
 ClientSampleId :

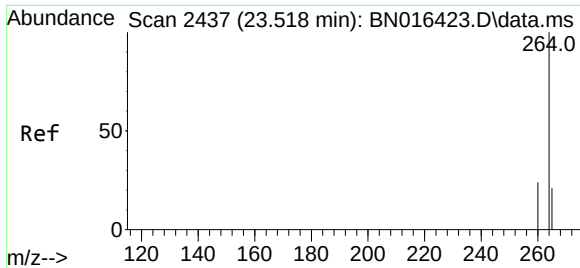
Tgt Ion:244 Resp: 35810
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.5 8.3
 122 10.8 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.806 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016515.D
 Acq: 26 Sep 2021 17:37

Tgt Ion:149 Resp: 68624
 Ion Ratio Lower Upper
 149 100
 167 26.7 23.4 35.0
 279 3.7 3.9 5.9#





#35

Perylene-d12

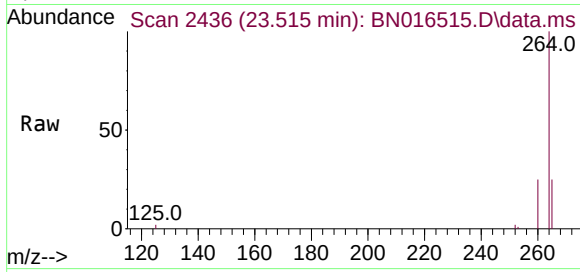
Concen: 0.400 ng

RT: 23.515 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BN016515.D

Acq: 26 Sep 2021 17:37



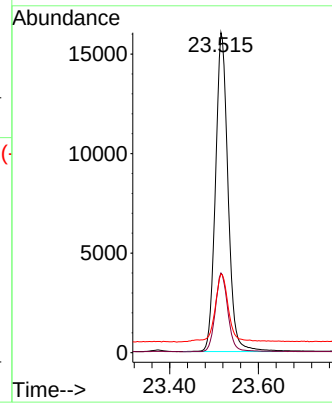
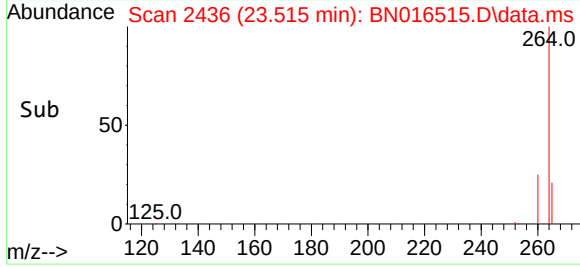
Tgt Ion:264 Resp: 31411

Ion Ratio Lower Upper

264 100

260 24.9 18.9 28.3

265 24.6 23.7 35.5



Instrument :

BNA_N

ClientSampleId :