

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016514.D
 Acq On : 26 Sep 2021 17:01
 Operator : CG/JU
 Sample : M3833-15
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 05:31:41 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)

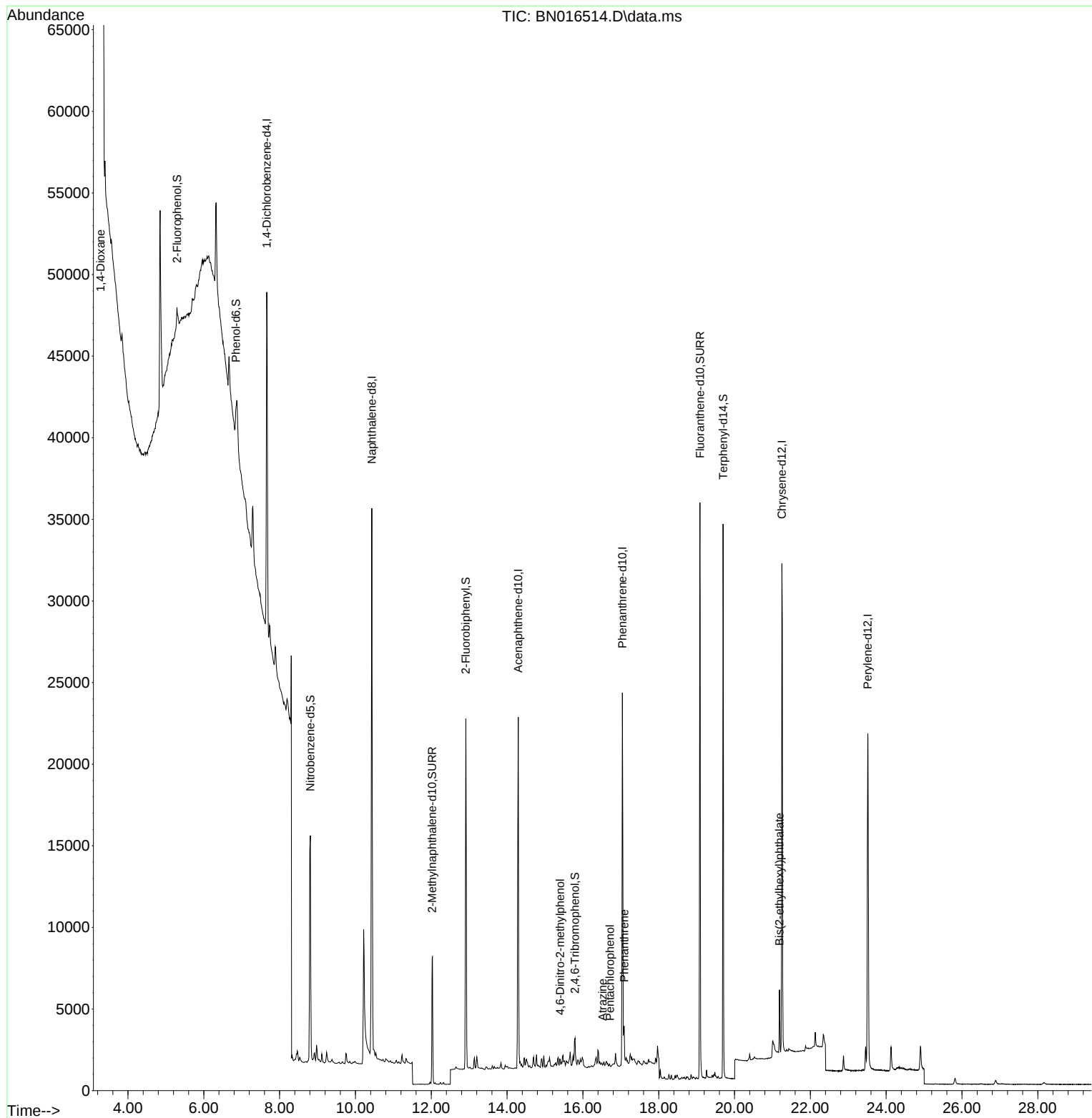
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	12294	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	42033	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	9776	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	30179	0.400	ng	0.00
29) Chrysene-d12	21.249	240	31289	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	27753	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1395	0.051	ng	0.00
5) Phenol-d6	6.849	99	1600	0.049	ng	0.00
8) Nitrobenzene-d5	8.810	82	11780	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	10500	0.169	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1132	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	17537	0.427	ng	-0.01
27) Fluoranthene-d10	19.088	212	40647	0.491	ng	0.00
31) Terphenyl-d14	19.698	244	31967	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	4498	0.854	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.398	198	5	0.149	ng	# 1
23) Atrazine	16.518	200	25	0.137	ng	# 1
24) Pentachlorophenol	16.713	266	11	0.246	ng	# 70
25) Phenanthrene	17.090	178	2885	0.032	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.185	149	3329	0.135	ng	96

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

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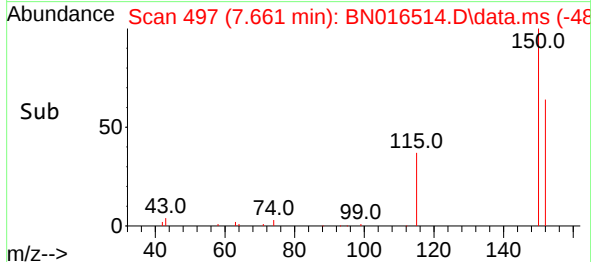
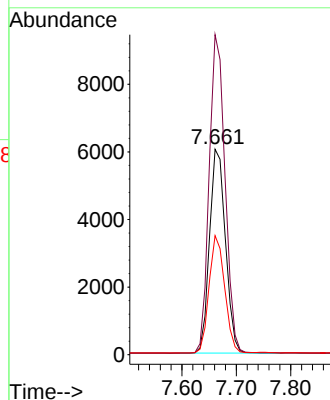
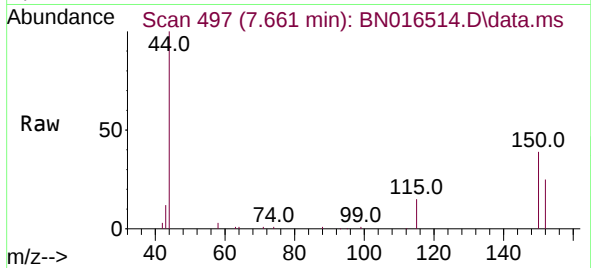




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016514.D
 Acq: 26 Sep 2021 17:01

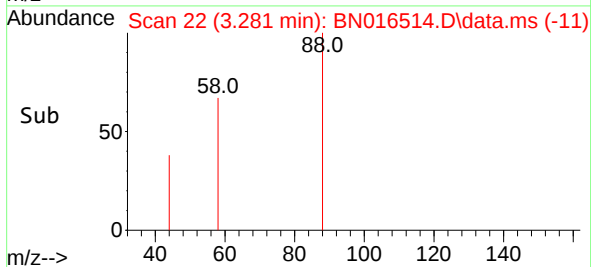
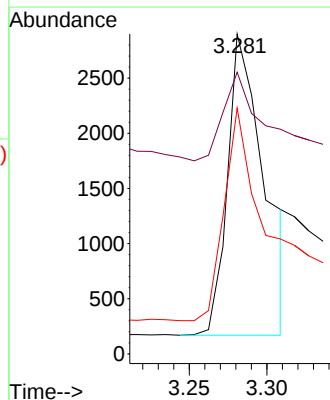
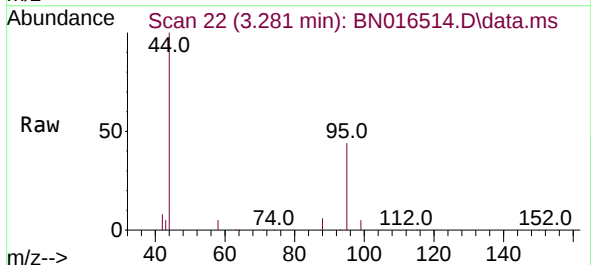
Instrument :
 BNA_N
 ClientSampleId :

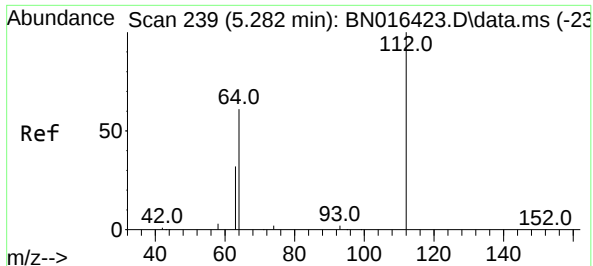
Tgt Ion:152 Resp: 12294
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.6 188.4
 115 57.9 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.854 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016514.D
 Acq: 26 Sep 2021 17:01

Tgt Ion: 88 Resp: 4498
 Ion Ratio Lower Upper
 88 100
 43 28.6 20.3 30.5
 58 69.2 69.9 104.9#

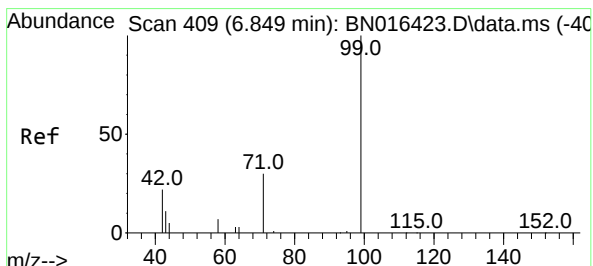
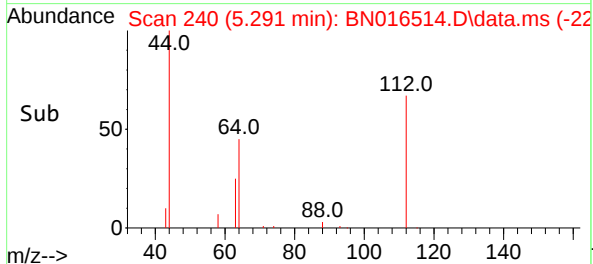
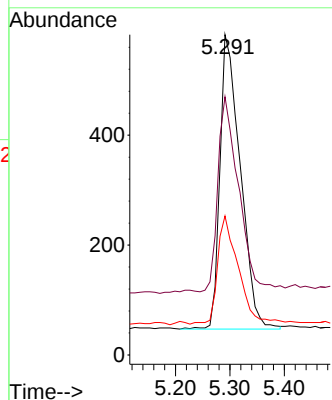
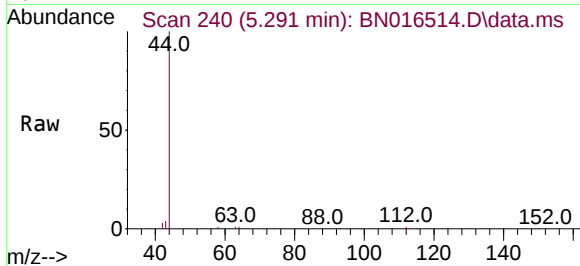




#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

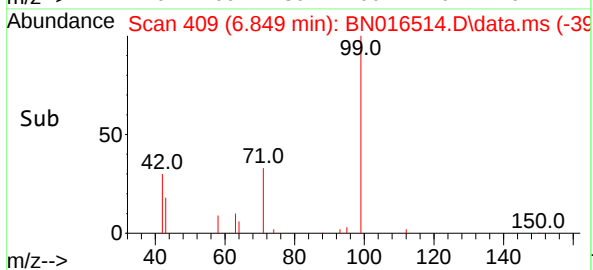
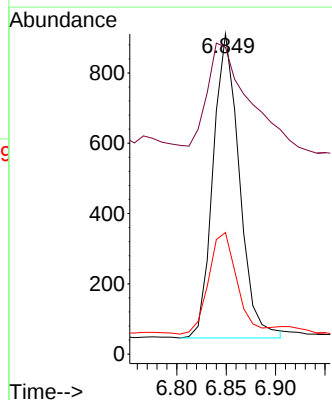
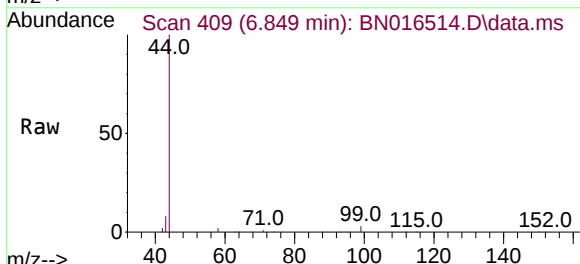
Instrument :
BNA_N
ClientSampleId :

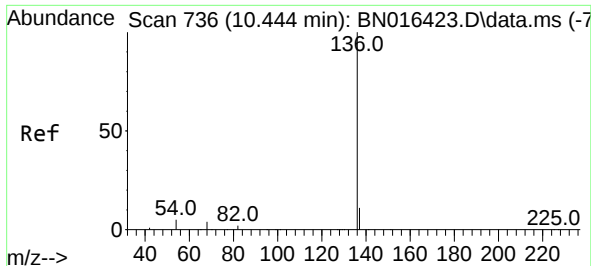
Tgt Ion: 112 Resp: 1395
Ion Ratio Lower Upper
112 100
64 67.4 47.3 70.9
63 37.3 23.4 35.0#



#5
Phenol-d6
Concen: 0.049 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion: 99 Resp: 1600
Ion Ratio Lower Upper
99 100
42 49.1 14.0 21.0#
71 36.4 23.8 35.6#

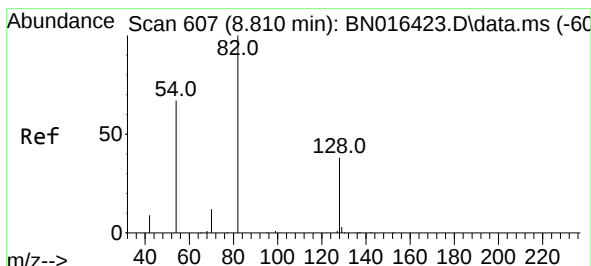
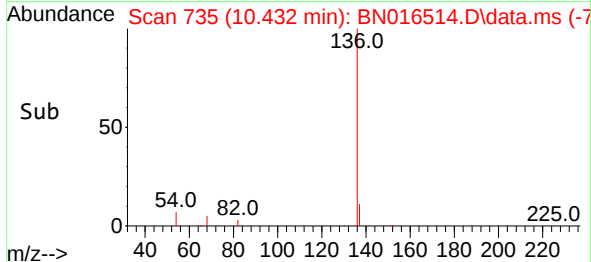
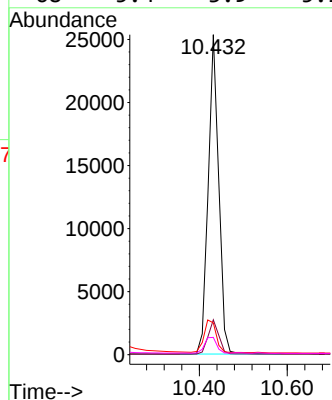
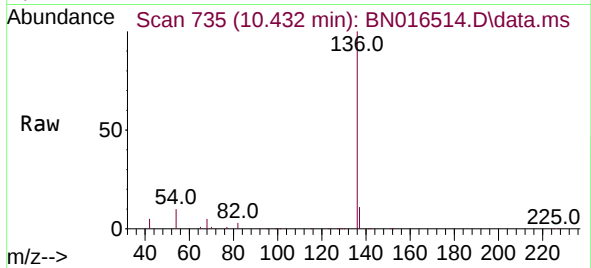




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

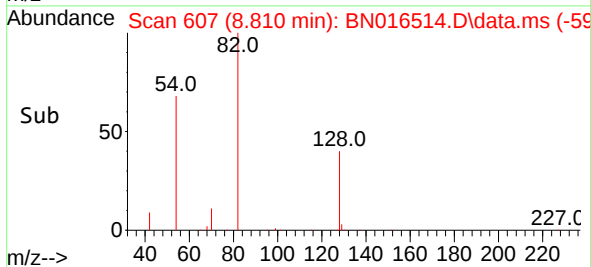
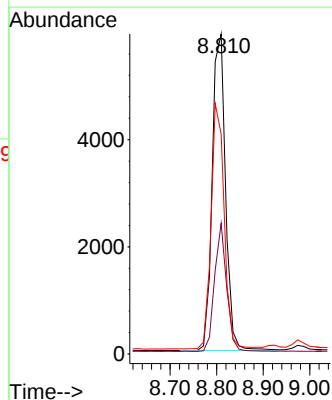
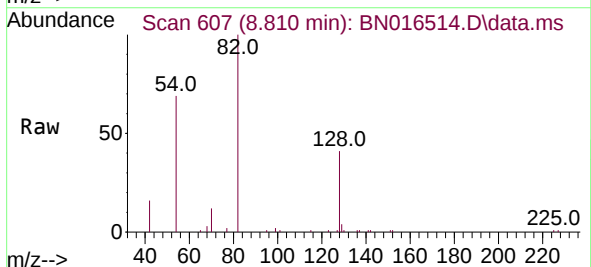
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	42033
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	10.0	5.3	7.9#
68	5.4	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion:	82	Resp:	11780
Ion Ratio	Lower	Upper	
82	100		
128	40.9	31.7	47.5
54	68.6	46.4	69.6

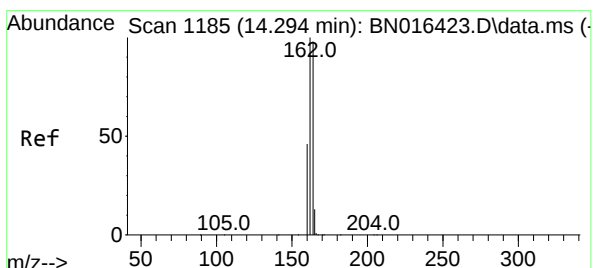
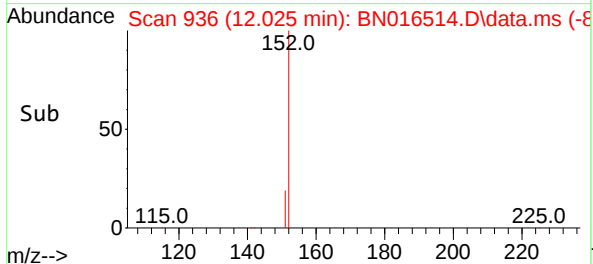
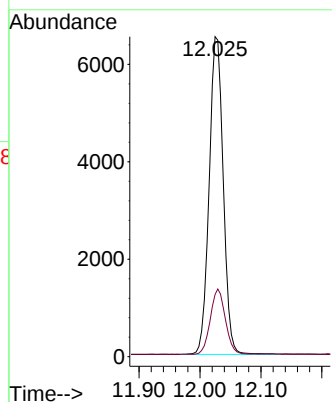
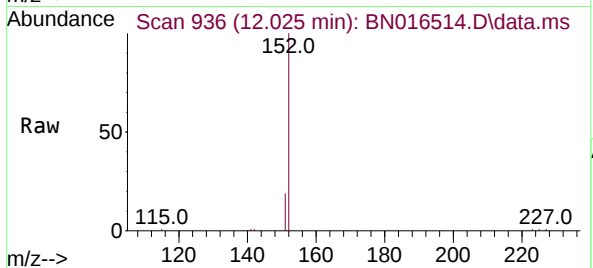




#11
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

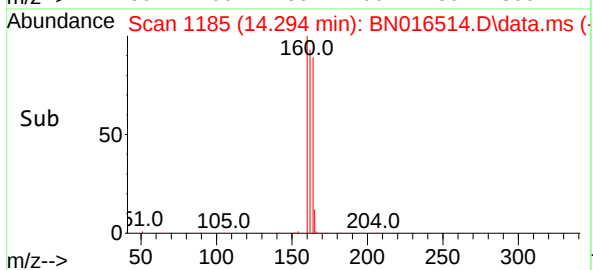
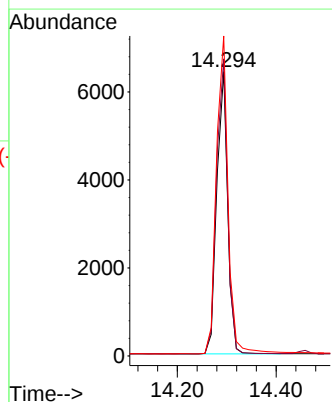
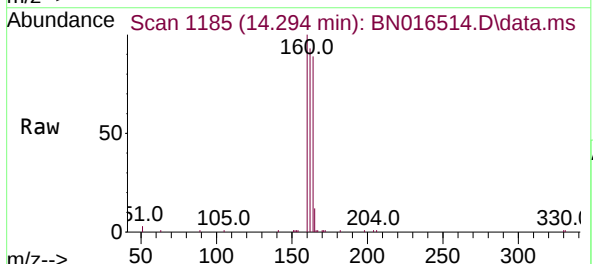
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10500
Ion Ratio Lower Upper
152 100
151 21.9 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: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion:164 Resp: 9776
Ion Ratio Lower Upper
164 100
162 104.5 79.0 118.4
160 112.5 34.1 51.1#

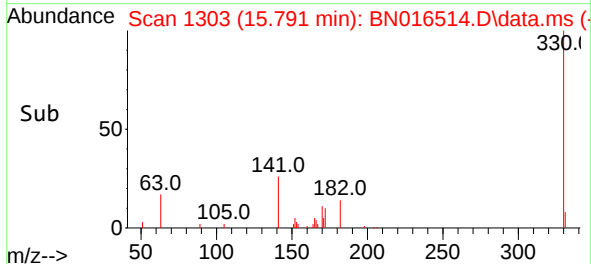
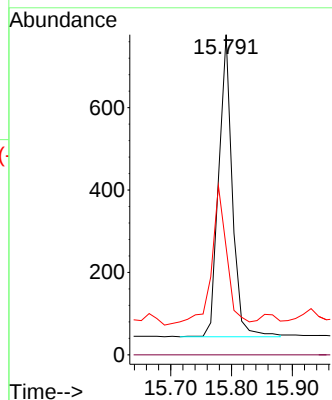
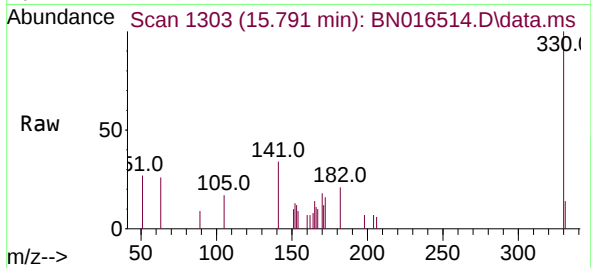




#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

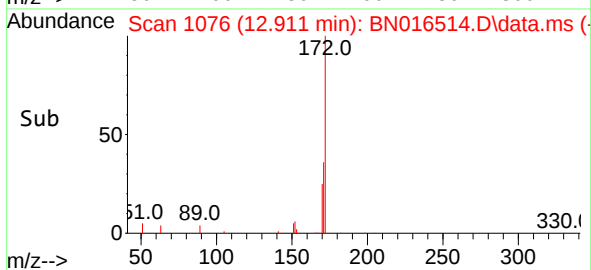
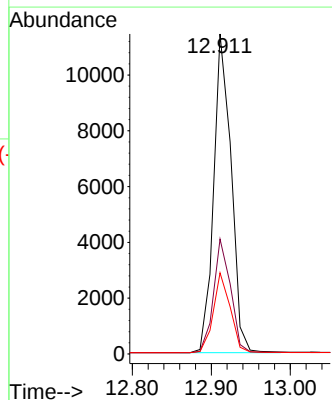
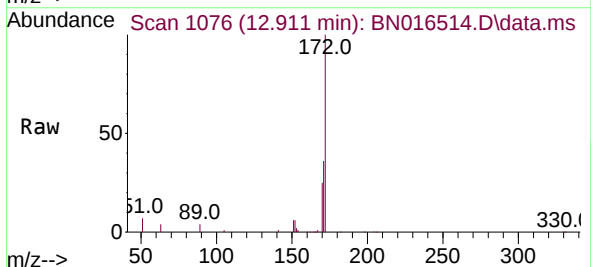
Instrument :
BNA_N
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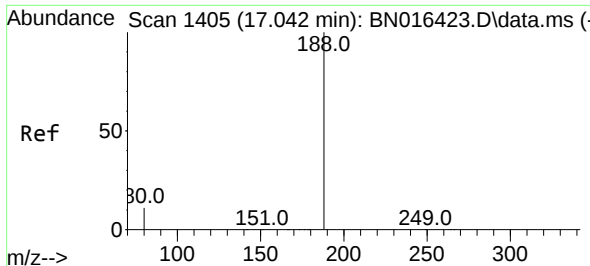
Tgt Ion: 330 Resp: 1132
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.2 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion: 172 Resp: 17537
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 25.4 18.2 27.2

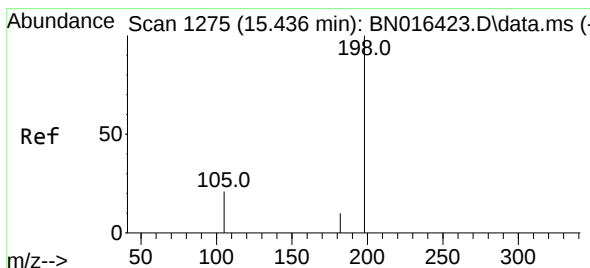
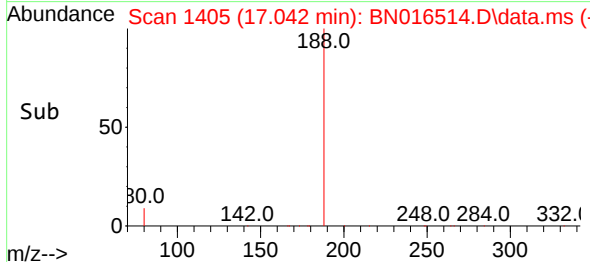
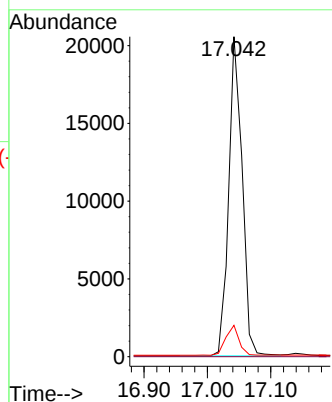
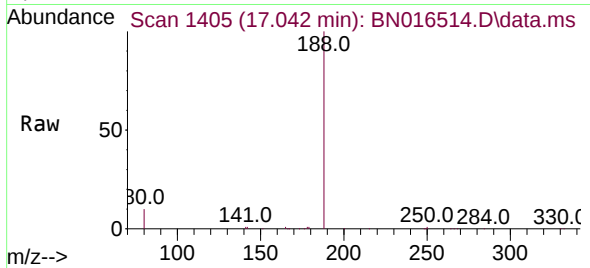




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

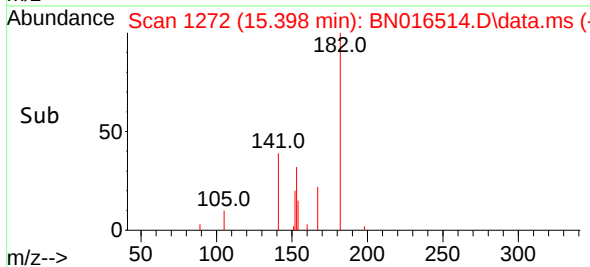
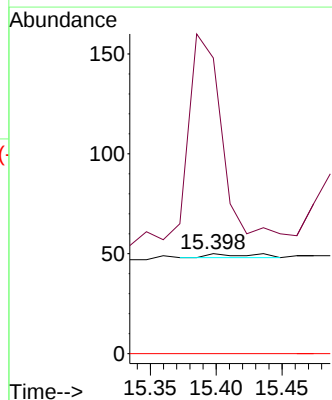
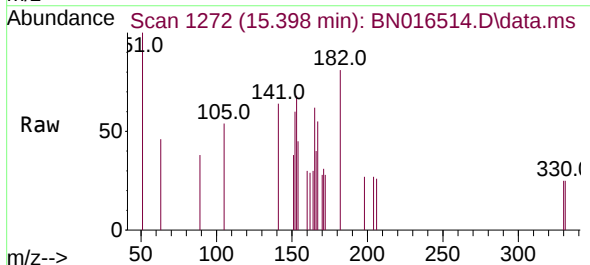
Instrument :
BNA_N
ClientSampleId :

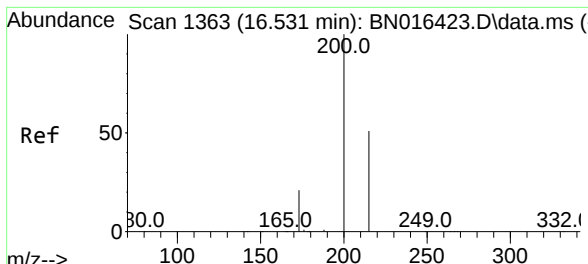
Tgt Ion:188 Resp: 30179
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 296.0 26.6 39.8#
77 0.0 0.0 0.0

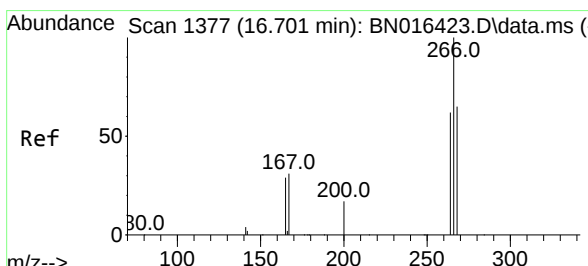
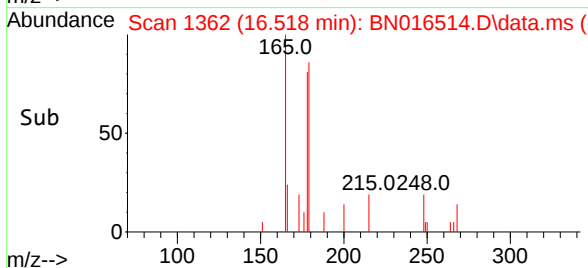
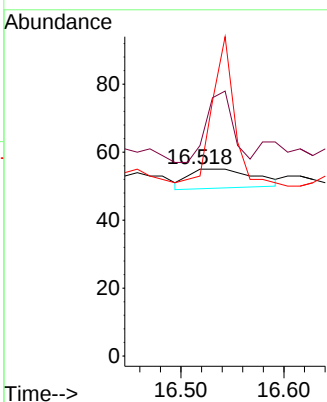
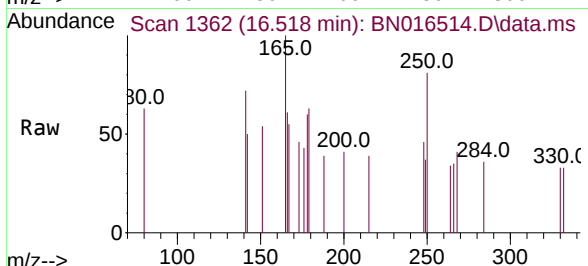




#23
 Atrazine
 Concen: 0.137 ng
 RT: 16.518 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN016514.D
 Acq: 26 Sep 2021 17:01

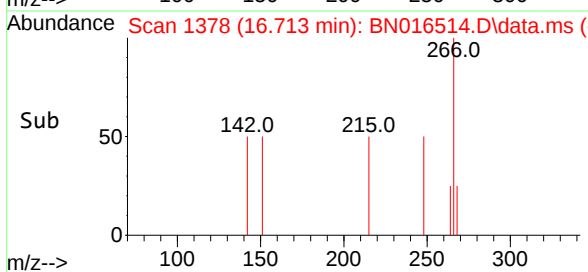
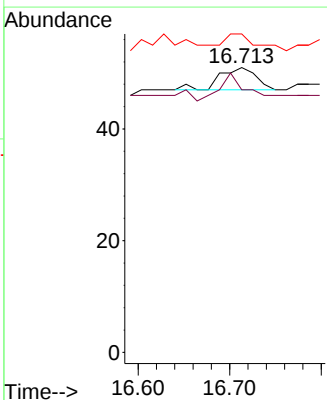
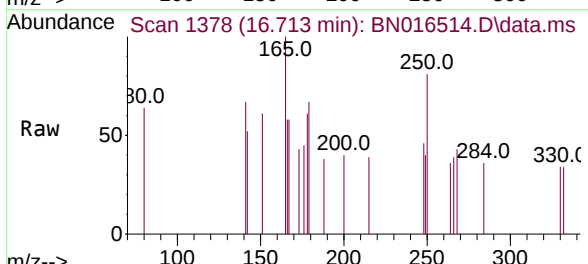
Instrument :
 BNA_N
 ClientSampleId :

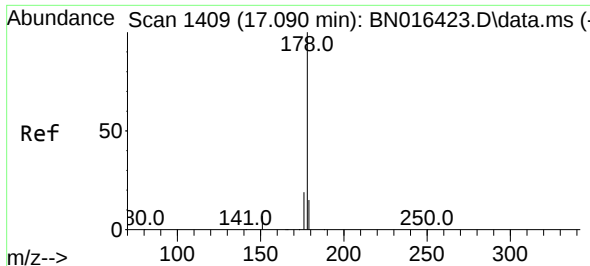
Tgt Ion:	200	Resp:	25
Ion	Ratio	Lower	Upper
200	100		
173	112.7	18.7	28.1#
215	96.4	41.6	62.4#



#24
 Pentachlorophenol
 Concen: 0.246 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. 0.012 min
 Lab File: BN016514.D
 Acq: 26 Sep 2021 17:01

Tgt Ion:	266	Resp:	11
Ion	Ratio	Lower	Upper
266	100		
264	109.1	50.6	75.8#
268	63.6	52.6	79.0

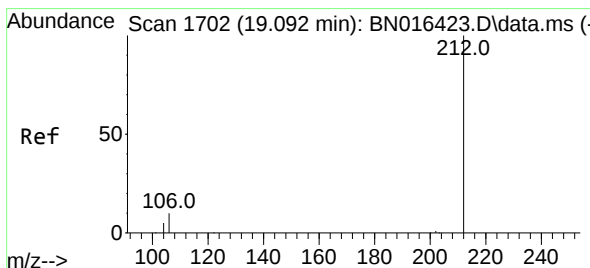
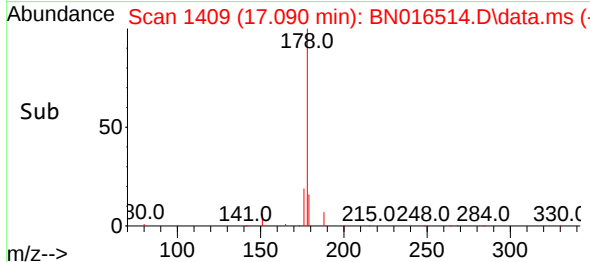
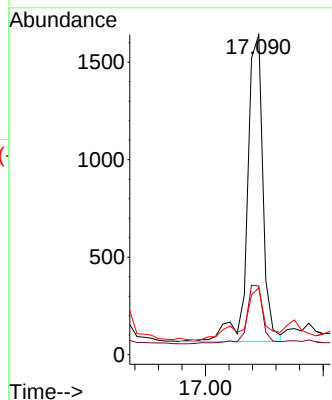
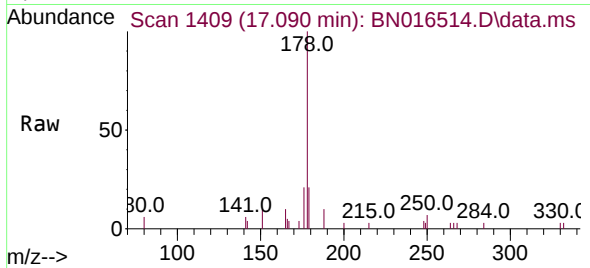




#25
Phenanthrene
Concen: 0.032 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

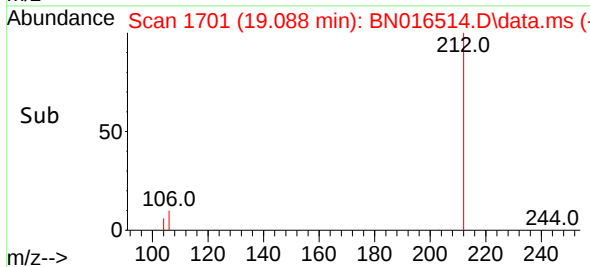
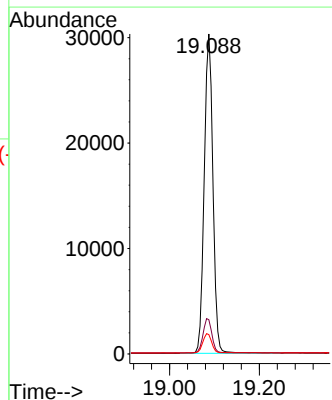
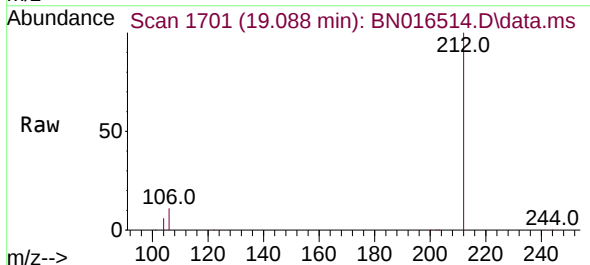
Instrument :
BNA_N
ClientSampleId :

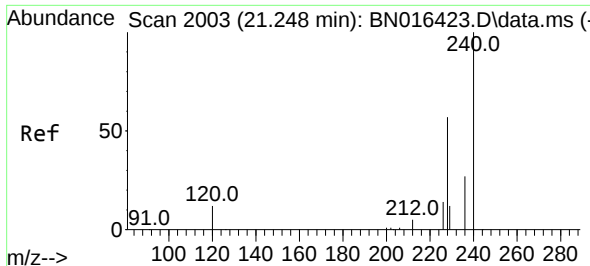
Tgt Ion:178 Resp: 2885
Ion Ratio Lower Upper
178 100
176 20.0 14.4 21.6
179 22.9 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.491 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion:212 Resp: 40647
Ion Ratio Lower Upper
212 100
106 10.8 9.8 14.6
104 6.3 5.4 8.2

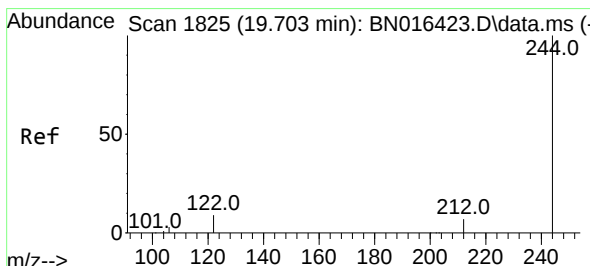
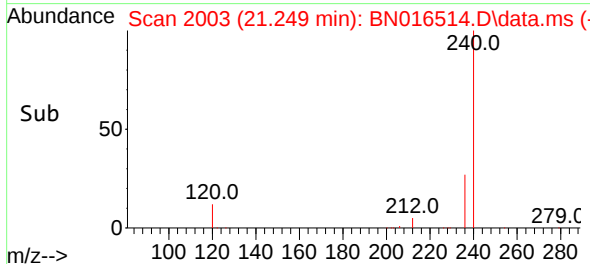
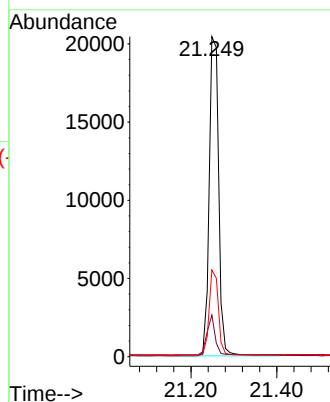
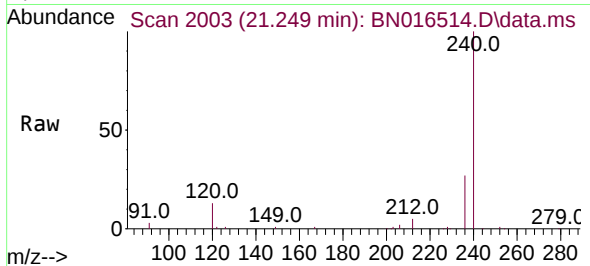




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

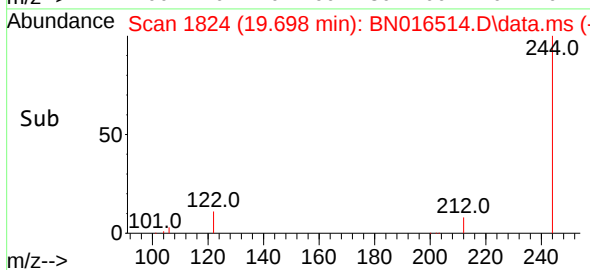
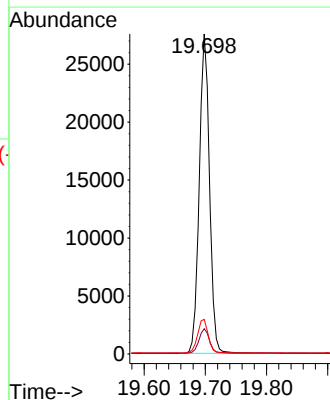
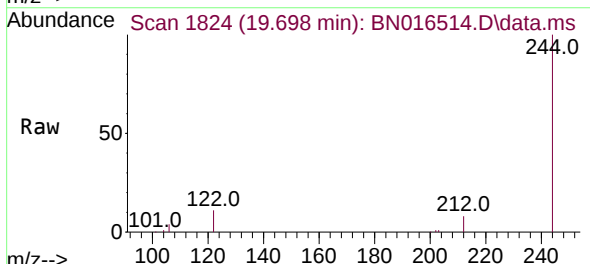
Instrument :
BNA_N
ClientSampleId :

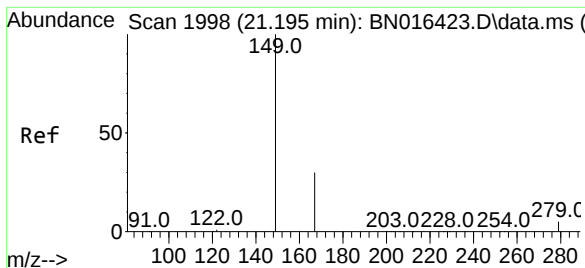
Tgt Ion:240 Resp: 31289
Ion Ratio Lower Upper
240 100
120 13.0 5.3 7.9#
236 27.1 19.8 29.8



#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016514.D
Acq: 26 Sep 2021 17:01

Tgt Ion:244 Resp: 31967
Ion Ratio Lower Upper
244 100
212 7.9 5.5 8.3
122 10.8 9.0 13.4

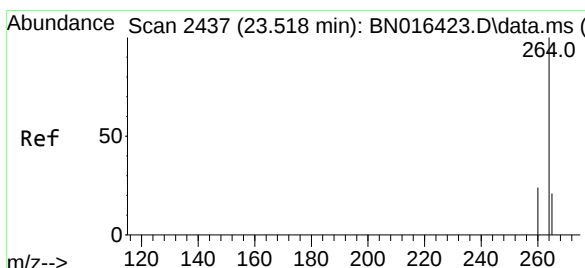
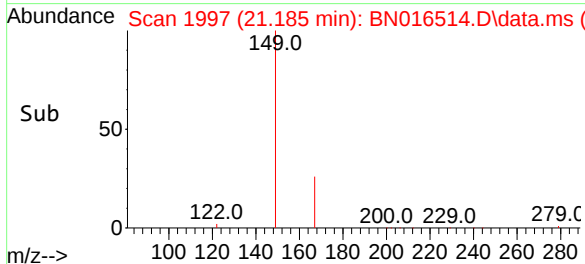
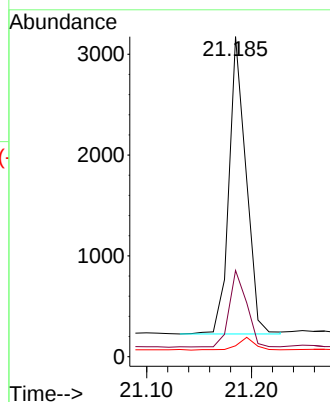
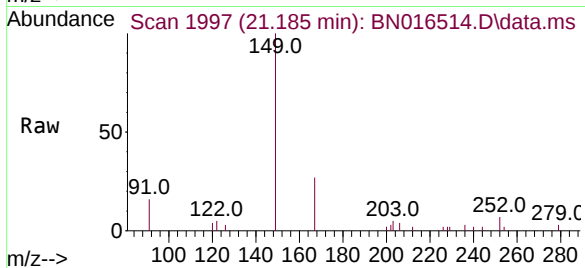




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.135 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016514.D
 Acq: 26 Sep 2021 17:01

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:149 Resp: 3329
 Ion Ratio Lower Upper
 149 100
 167 26.7 23.4 35.0
 279 4.3 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: BN016514.D
 Acq: 26 Sep 2021 17:01

Tgt Ion:264 Resp: 27753
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.9 28.3
 265 25.3 23.7 35.5

