

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016468.D
 Acq On : 25 Sep 2021 10:53
 Operator : CG/JU
 Sample : PB139340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:14:00 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)

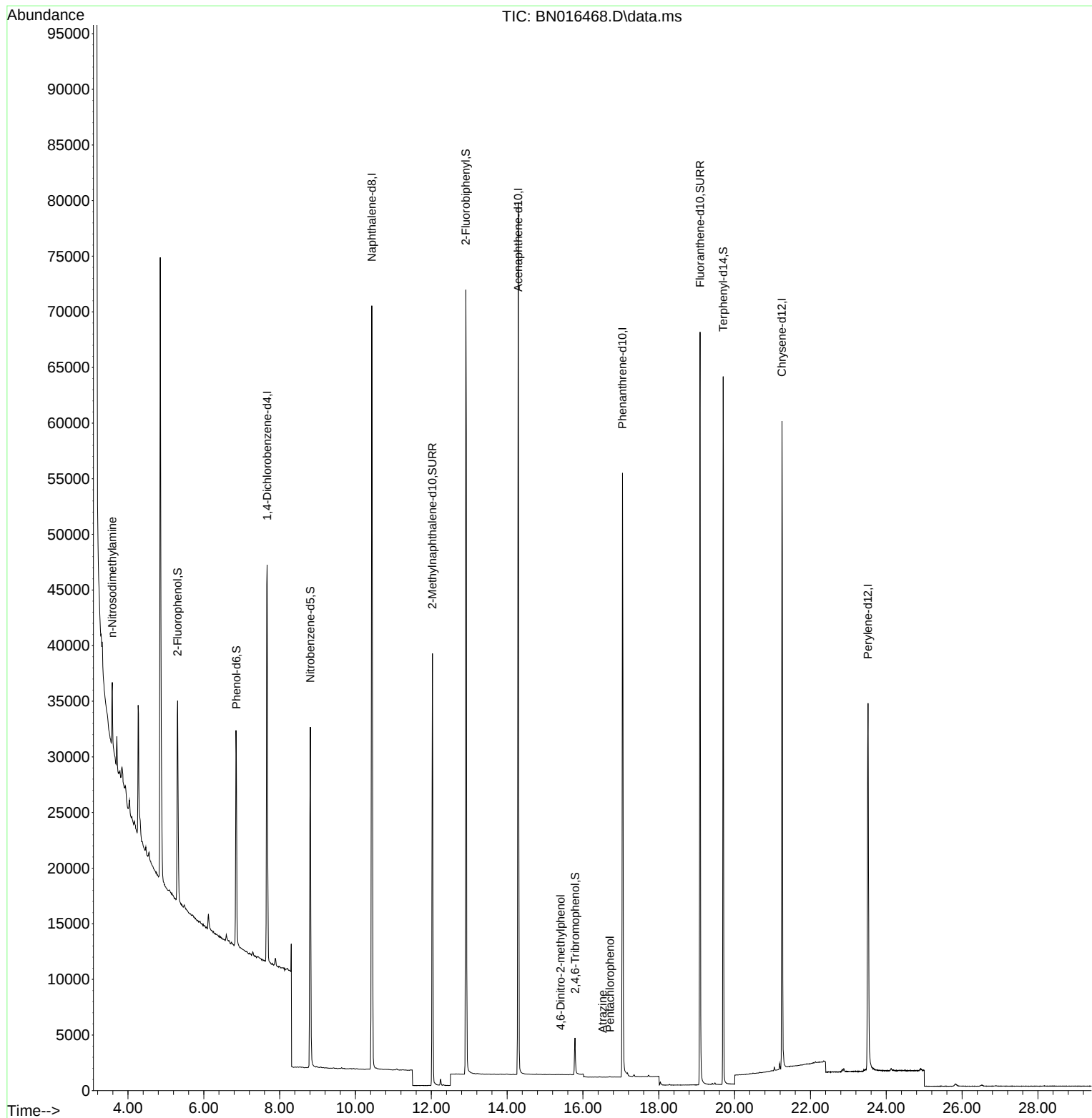
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21079	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	89180	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	42792	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	78476	0.400	ng	0.00
29) Chrysene-d12	21.249	240	59358	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	47794	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	17454	0.369	ng	0.03
5) Phenol-d6	6.859	99	18405	0.330	ng	0.00
8) Nitrobenzene-d5	8.810	82	24490	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	52411	0.397	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2652	0.291	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	67470	0.375	ng	-0.01
27) Fluoranthene-d10	19.088	212	79619	0.370	ng	0.00
31) Terphenyl-d14	19.698	244	63147	0.458	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.585	42	552	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.148	ng	# 1
23) Atrazine	16.519	200	10	0.135	ng	# 3
24) Pentachlorophenol	16.713	266	37	0.246	ng	# 82

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

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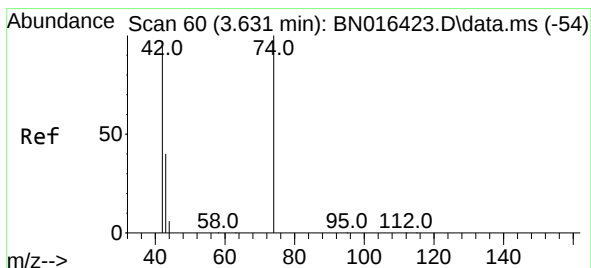
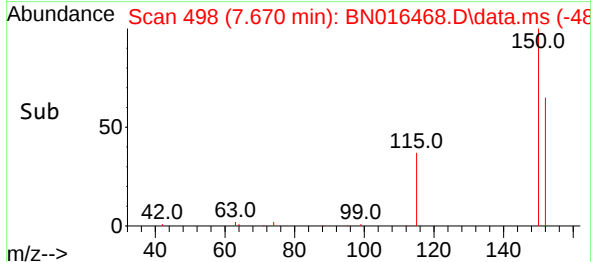
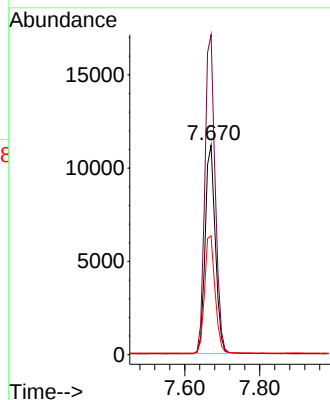
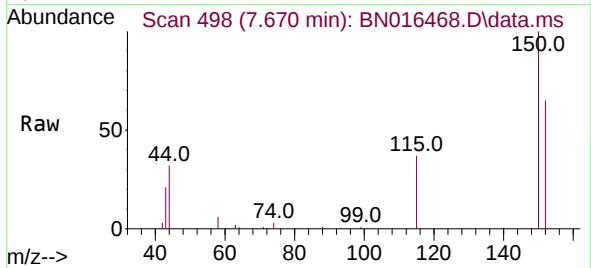




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016468.D
 Acq: 25 Sep 2021 10:53

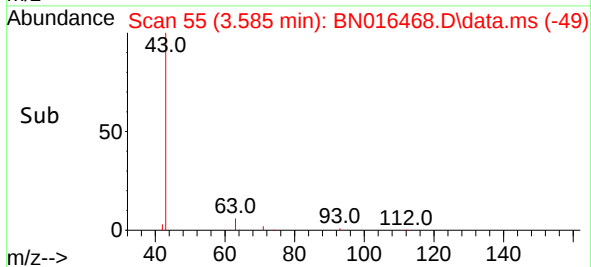
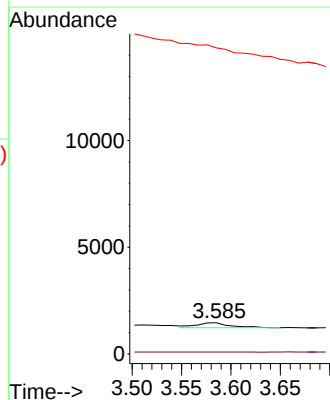
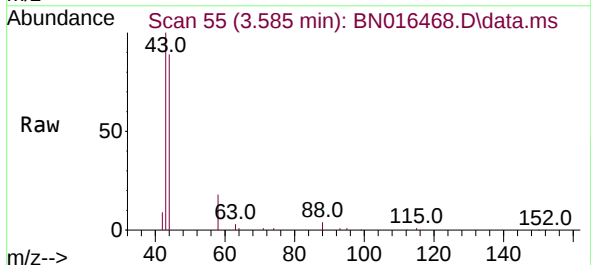
Instrument :
 BNA_N
 ClientSampled :

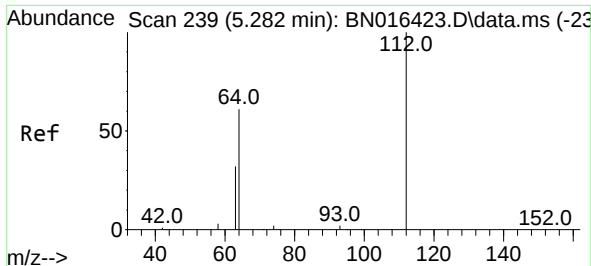
Tgt Ion:152 Resp: 21079
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.6 188.4
 115 56.8 50.2 75.2



#3
 n-Nitrosodimethylamine
 Concen: 0.025 ng
 RT: 3.585 min Scan# 55
 Delta R.T. -0.046 min
 Lab File: BN016468.D
 Acq: 25 Sep 2021 10:53

Tgt Ion: 42 Resp: 552
 Ion Ratio Lower Upper
 42 100
 74 3.6 113.6 170.4#
 44 0.0 0.0 0.0

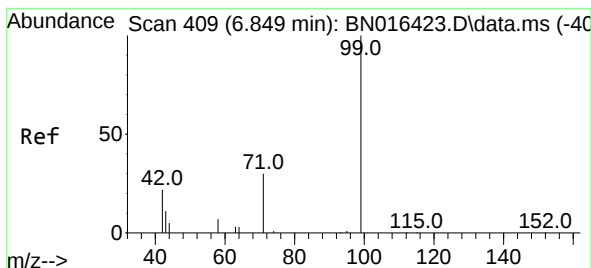
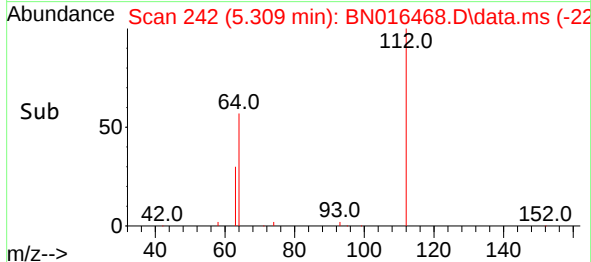
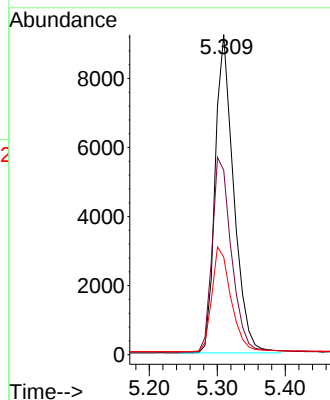
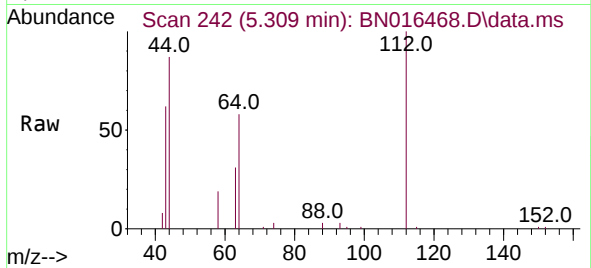




#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

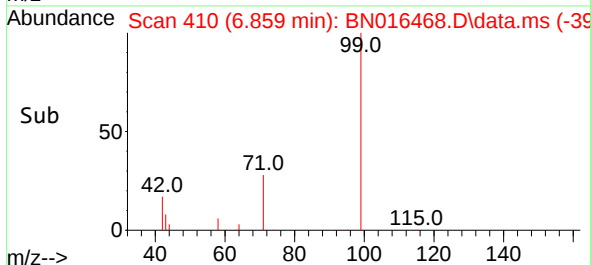
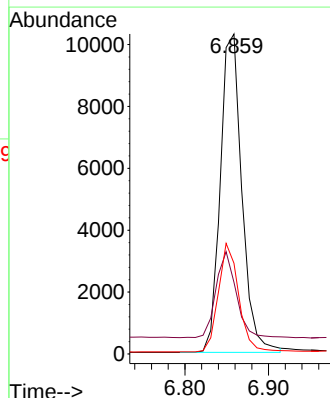
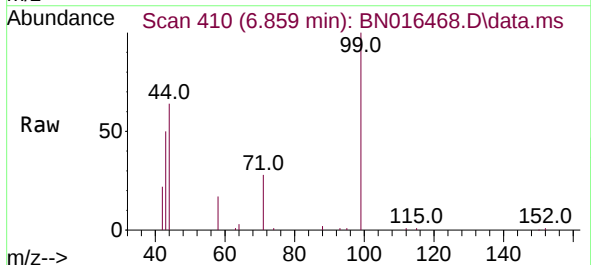
Instrument :
BNA_N
ClientSampled :

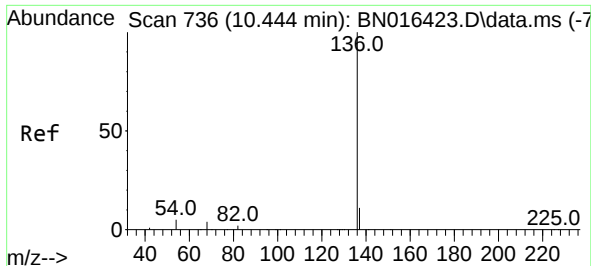
Tgt Ion:112	Resp:	17454
Ion Ratio	Lower	Upper
112	100	
64	63.7	47.3 70.9
63	34.0	23.4 35.0



#5
Phenol-d6
Concen: 0.330 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion: 99	Resp:	18405
Ion Ratio	Lower	Upper
99	100	
42	25.3	14.0 21.0#
71	32.1	23.8 35.6

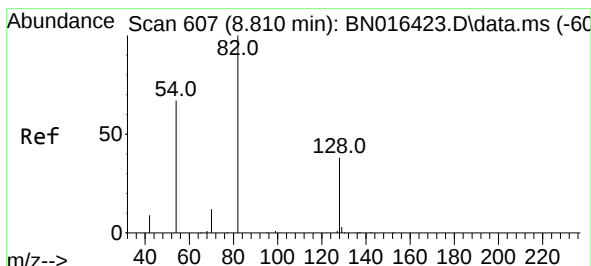
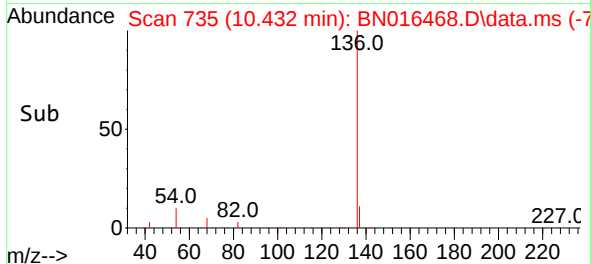
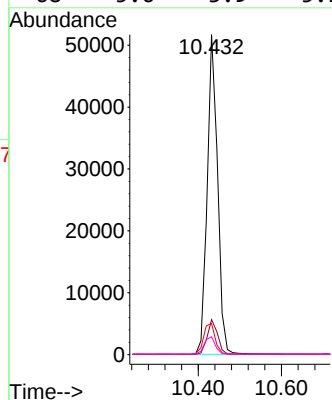
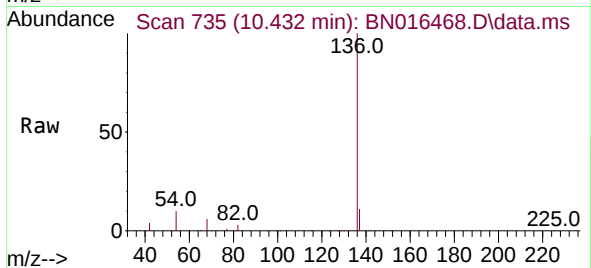




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

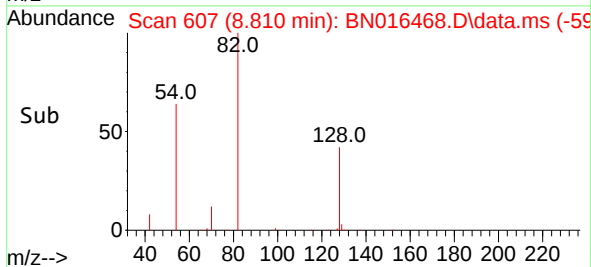
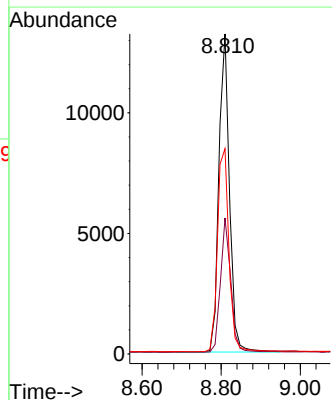
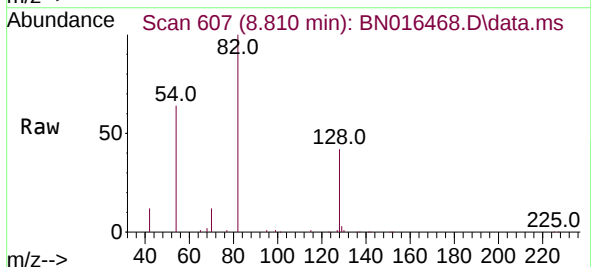
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	89180
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.7	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion:	82	Resp:	24490
Ion Ratio	Lower	Upper	
82	100		
128	42.5	31.7	47.5
54	64.1	46.4	69.6

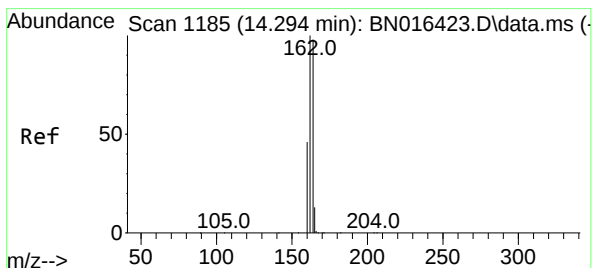
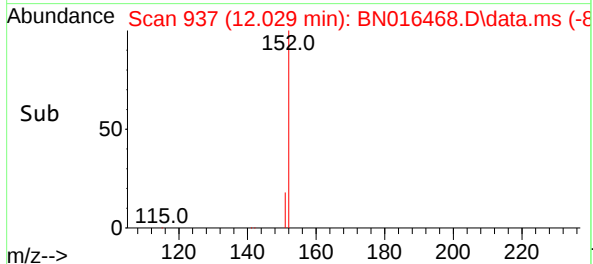
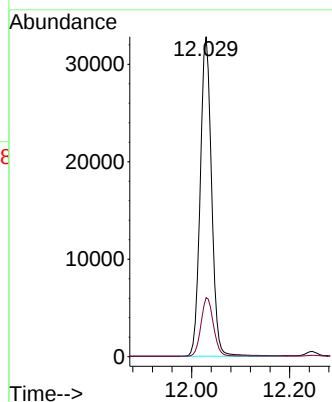
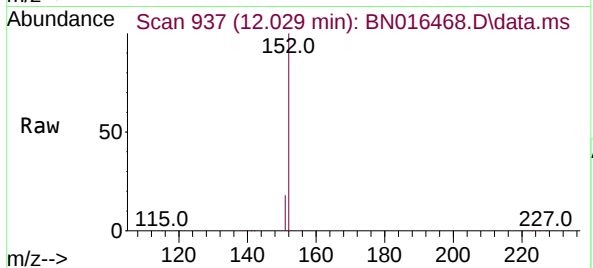




#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

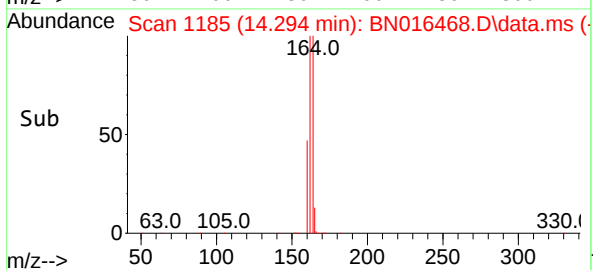
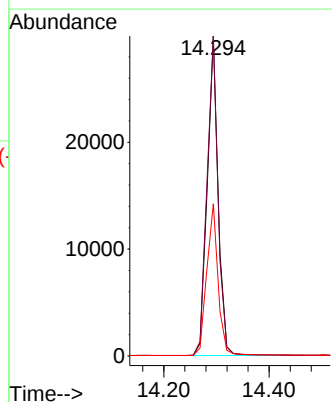
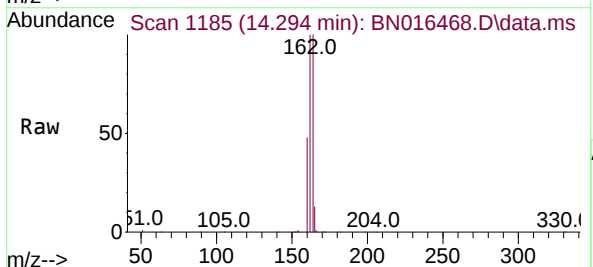
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 52411
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: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion:164 Resp: 42792
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.4
160 47.6 34.1 51.1

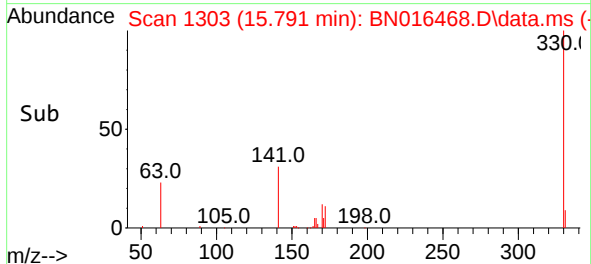
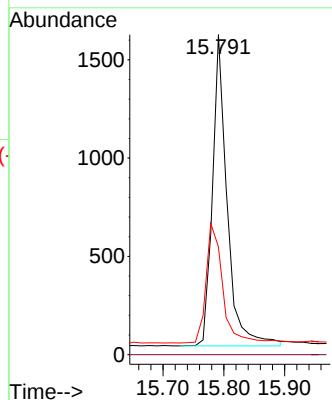
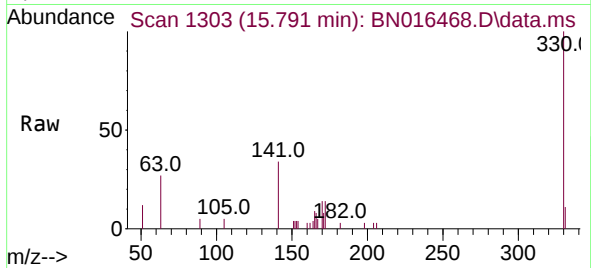




#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

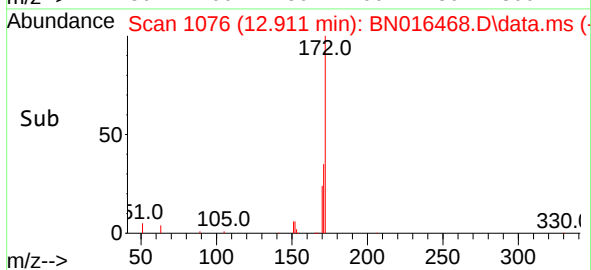
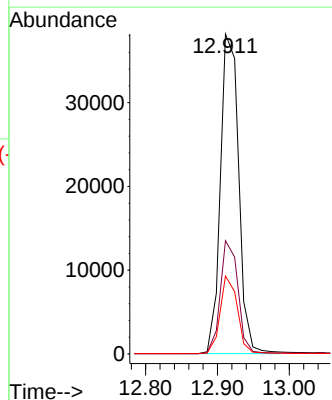
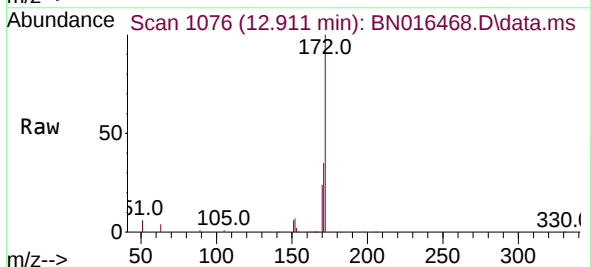
Instrument :
BNA_N
ClientSampleId :

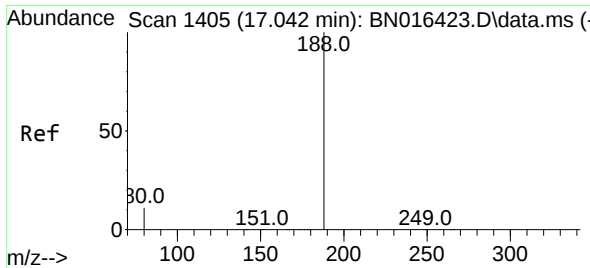
Tgt Ion: 330 Resp: 2652
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion: 172 Resp: 67470
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.4 18.2 27.2

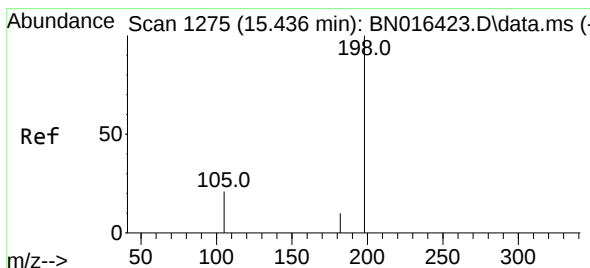
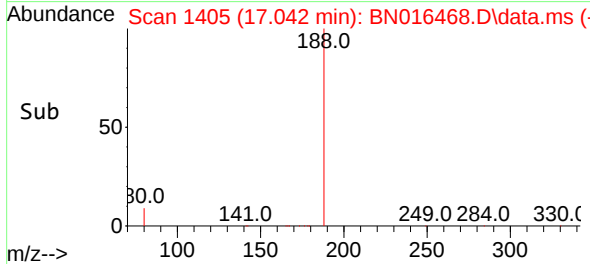
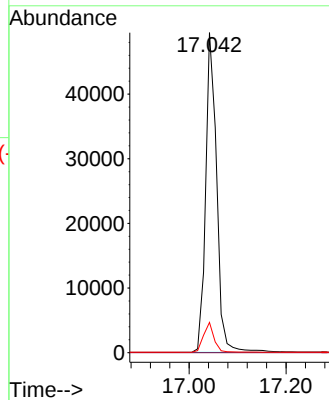
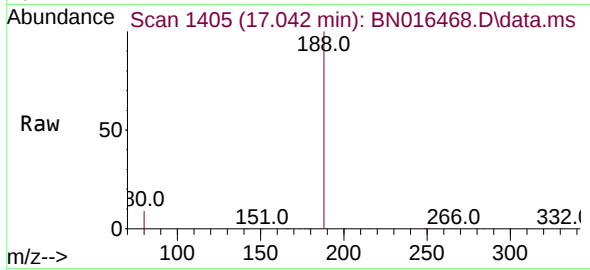




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

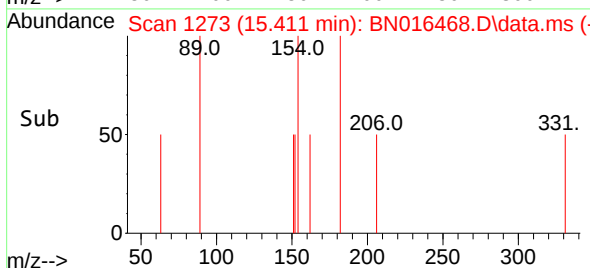
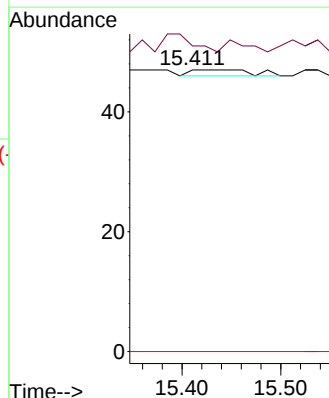
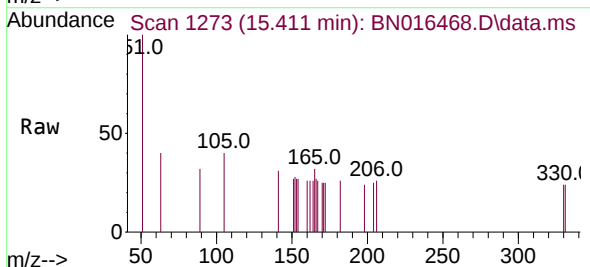
Instrument :
BNA_N
ClientSampleId :

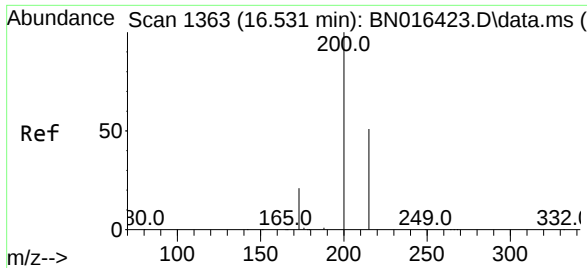
Tgt Ion:188	Resp:	78476
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.5	7.0
		10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	108.5	26.6
77	0.0	0.0
		39.8#

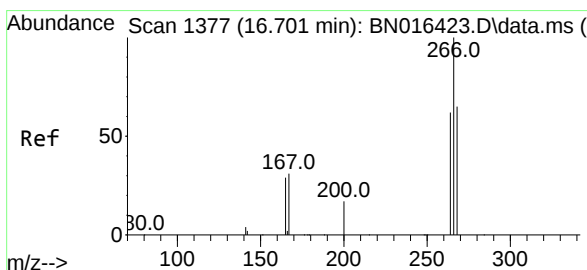
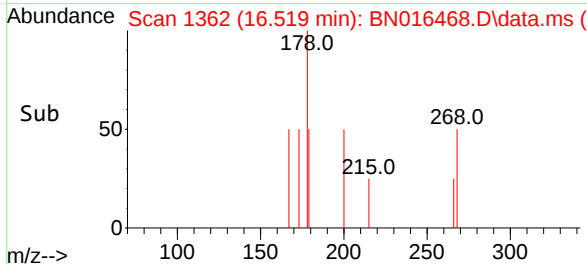
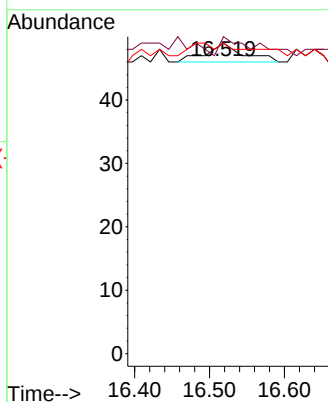
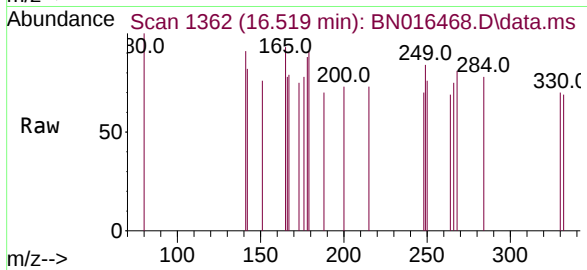




#23
Atrazine
Concen: 0.135 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

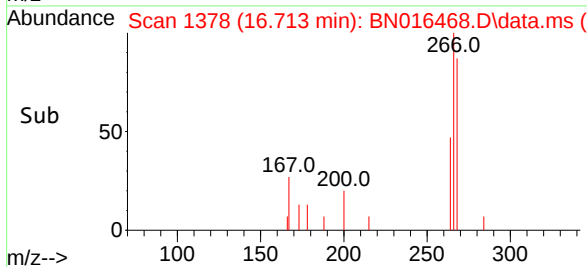
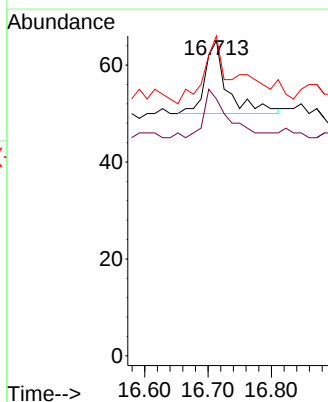
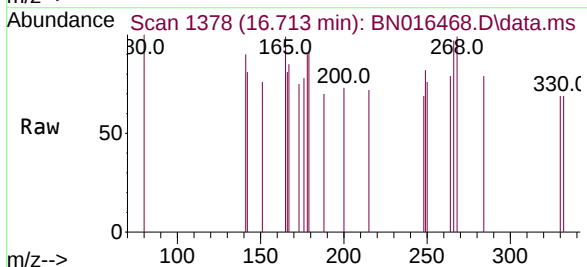
Instrument :
BNA_N
ClientSampleId :

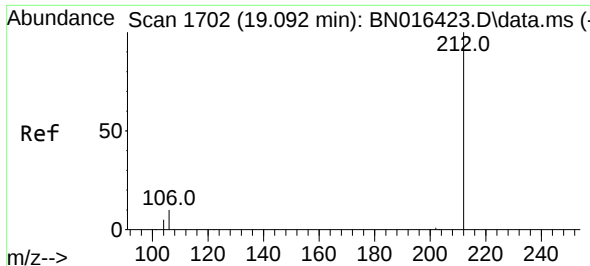
Tgt Ion:200 Resp: 10
Ion Ratio Lower Upper
200 100
173 102.0 18.7 28.1#
215 100.0 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 73.0 50.6 75.8
268 83.8 52.6 79.0#

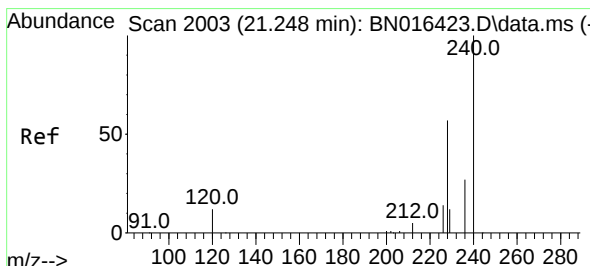
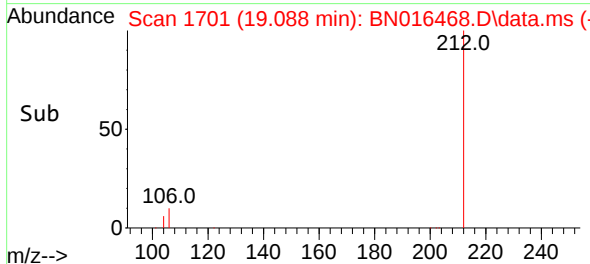
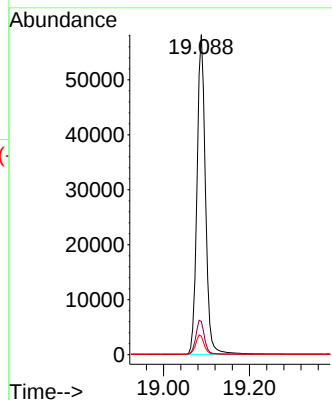
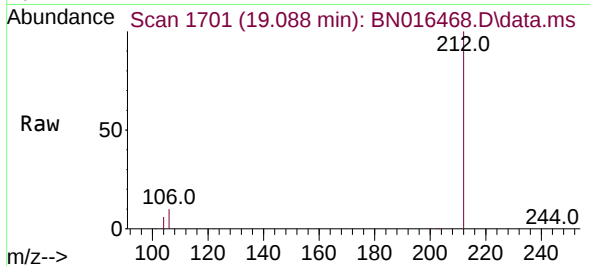




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

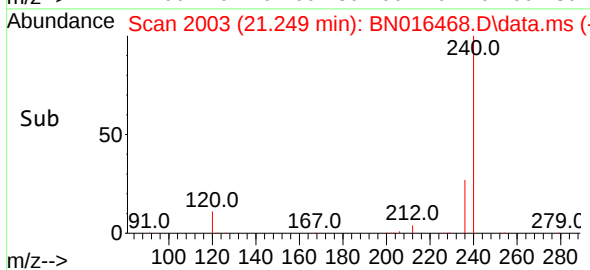
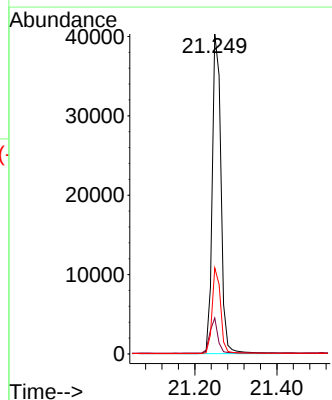
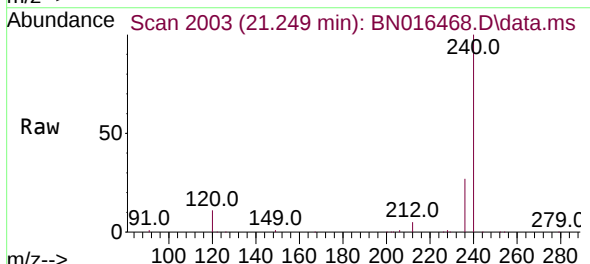
Instrument :
BNA_N
ClientSampleId :

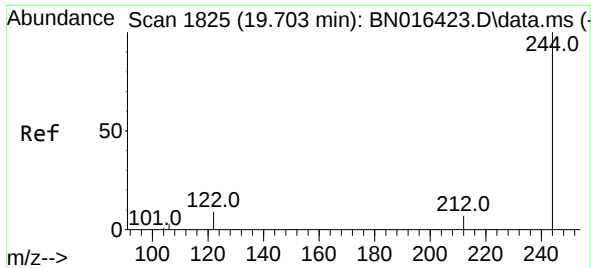
Tgt Ion:212 Resp: 79619
Ion Ratio Lower Upper
212 100
106 10.9 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion:240 Resp: 59358
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 26.9 19.8 29.8

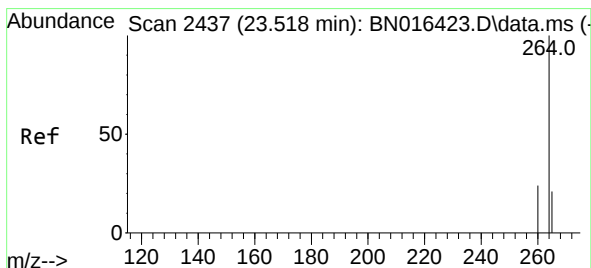
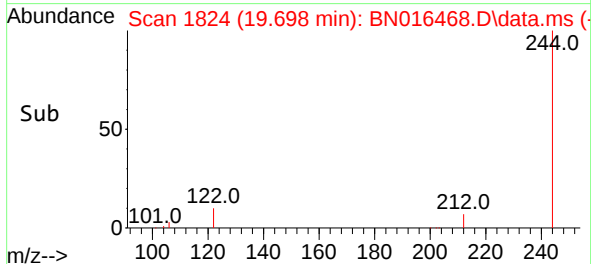
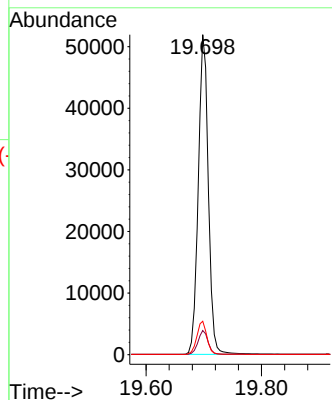
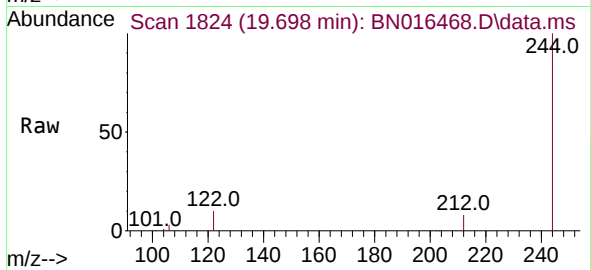




#31
Terphenyl-d14
Concen: 0.458 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 63147
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 10.5 9.0 13.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016468.D
Acq: 25 Sep 2021 10:53

Tgt Ion:264 Resp: 47794
Ion Ratio Lower Upper
264 100
260 25.0 18.9 28.3
265 25.5 23.7 35.5

