

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016638.D
 Acq On : 01 Oct 2021 16:32
 Operator : CG/JU
 Sample : M4020-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

Quant Time: Oct 01 17:19:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

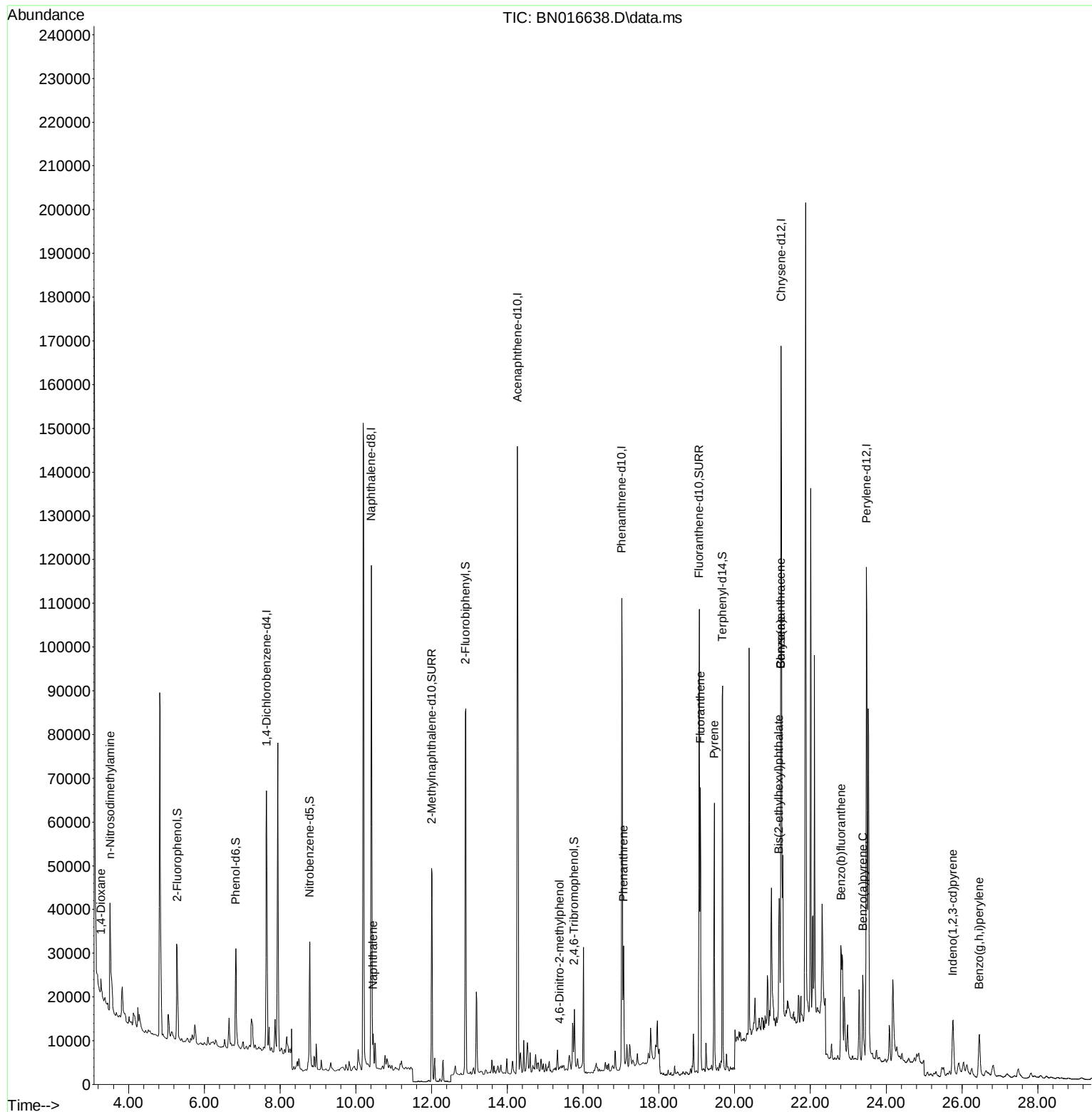
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32930	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	150363	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	79723	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	153226	0.400	ng	# 0.00
29) Chrysene-d12	21.228	240	142788	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	151121	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	24604	0.293	ng	0.03
5) Phenol-d6	6.831	99	23665	0.258	ng	0.00
8) Nitrobenzene-d5	8.785	82	25585	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	66088	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9904	0.273	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	83580	0.259	ng	0.00
27) Fluoranthene-d10	19.068	212	117790	0.289	ng	0.00
31) Terphenyl-d14	19.679	244	88954	0.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.272	88	1351	0.089	ng	# 87
3) n-Nitrosodimethylamine	3.512	42	6552	0.270	ng	# 1
9) Naphthalene	10.457	128	9631	0.024	ng	95
20) 4,6-Dinitro-2-methylph...	15.373	198	6	0.137	ng	# 1
25) Phenanthrene	17.066	178	29813	0.065	ng	96
28) Fluoranthene	19.098	202	58167	0.117	ng	99
30) Pyrene	19.460	202	54951	0.119	ng	# 96
32) Benzo(a)anthracene	21.217	228	32309	0.074	ng	94
33) Chrysene	21.217	228	30470	0.069	ng	96
34) Bis(2-ethylhexyl)phtha...	21.174	149	46479	0.266	ng	# 79
36) Indeno(1,2,3-cd)pyrene	25.761	276	20231	0.038	ng	98
37) Benzo(b)fluoranthene	22.807	252	44649	0.092	ng	# 83
39) Benzo(a)pyrene	23.382	252	28003	0.065	ng	# 82
41) Benzo(g,h,i)perylene	26.459	276	20477	0.043	ng	# 89

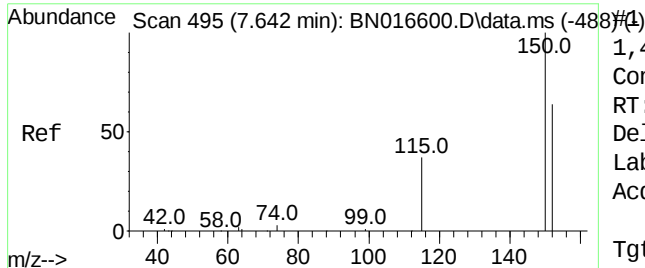
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016638.D
Acq On : 01 Oct 2021 16:32
Operator : CG/JU
Sample : M4020-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021

Quant Time: Oct 01 17:19:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

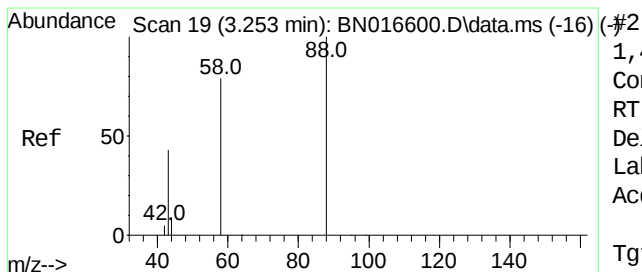
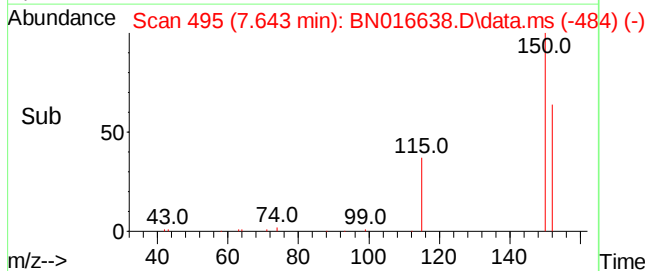
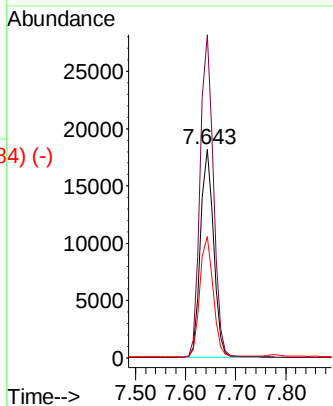
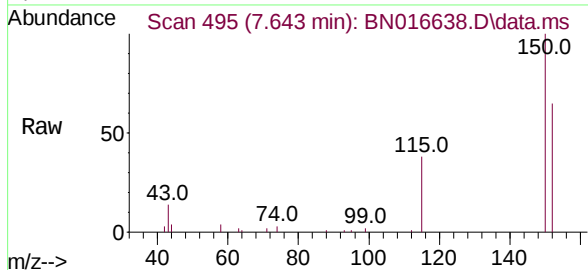




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.643 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

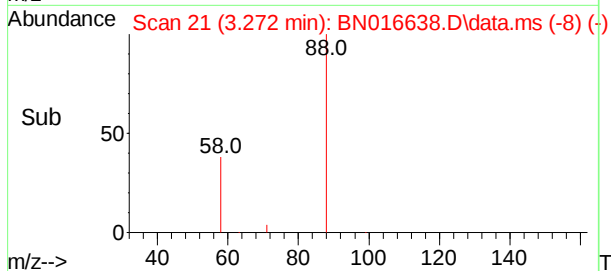
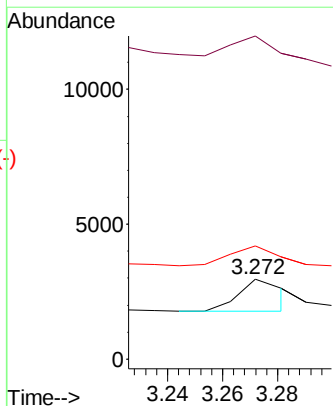
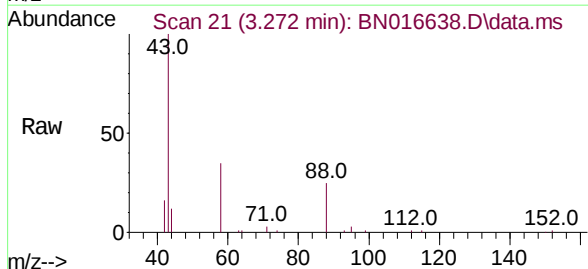
Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

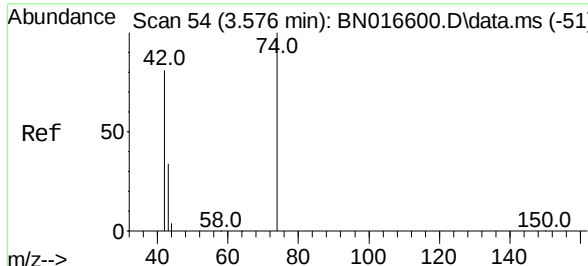
Tgt Ion:	152	Resp:	32930
Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	58.2	46.5	69.7



1,4-Dioxane
 Concen: 0.089 ng
 RT: 3.272 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

Tgt Ion:	88	Resp:	1351
Ion	Ratio	Lower	Upper
88	100		
43	50.6	37.8	56.8
58	61.1	61.3	91.9#

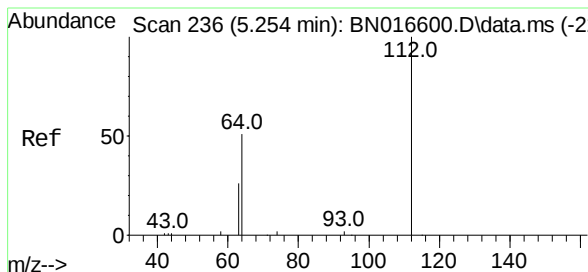
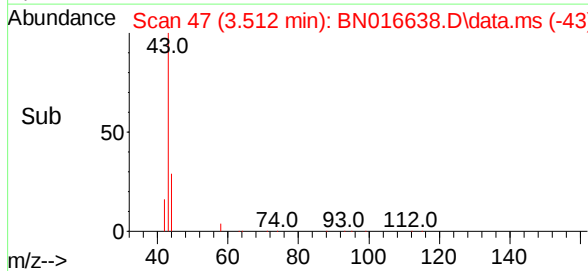
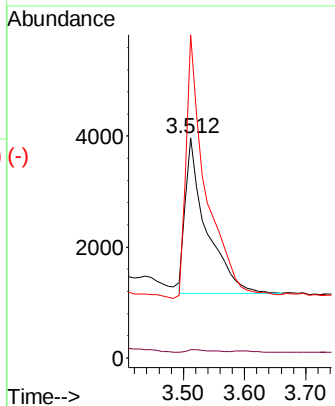
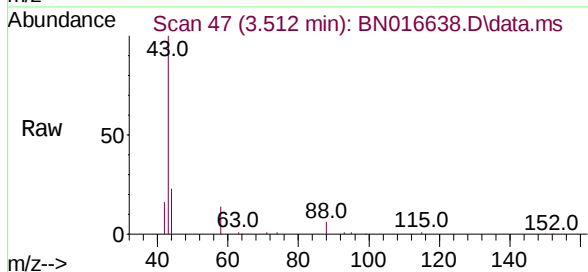




n-Nitrosodimethylamine
 Concen: 0.270 ng
 RT: 3.512 min Scan# 47
 Delta R.T. -0.065 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

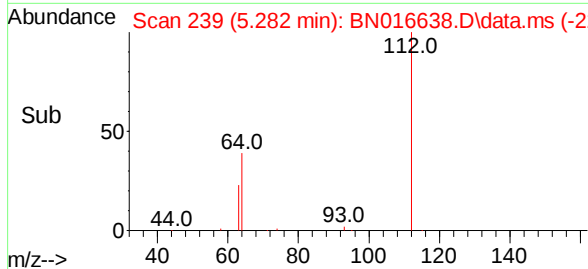
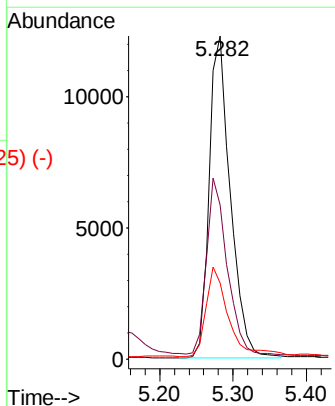
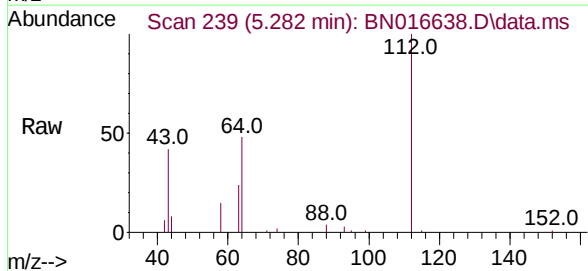
Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

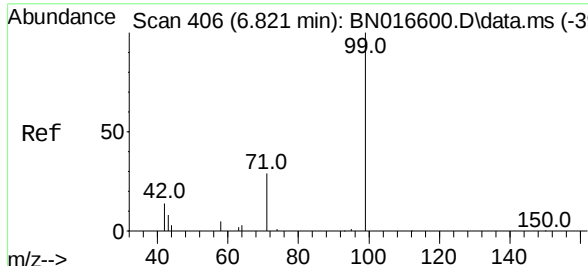
Tgt Ion:	42	Resp:	6552
Ion	Ratio	Lower	Upper
42	100		
74	1.7	121.6	182.4#
44	157.1	6.3	9.5#



2-Fluorophenol
 Concen: 0.293 ng
 RT: 5.282 min Scan# 239
 Delta R.T. 0.028 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

Tgt Ion:	112	Resp:	24604
Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.1	64.7
63	29.2	21.6	32.4

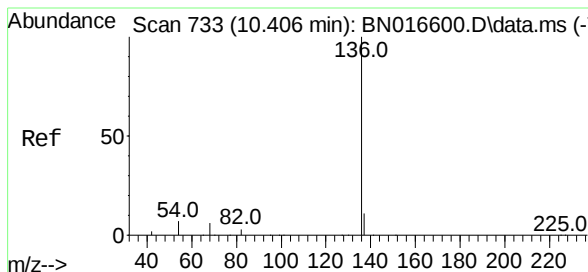
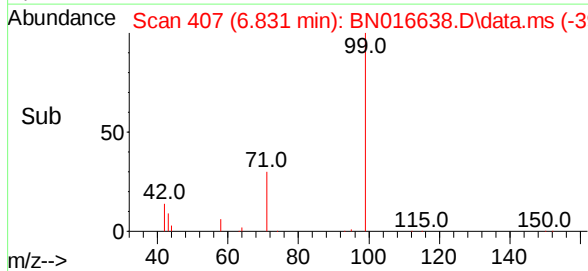
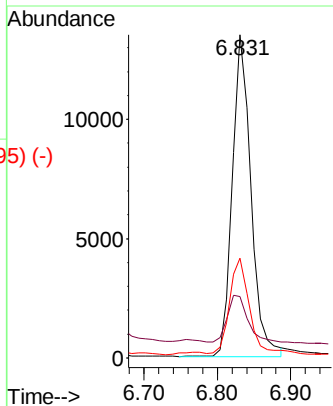
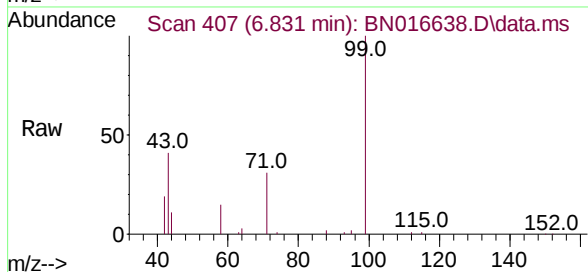




Phenol-d6
 Concen: 0.258 ng
 RT: 6.831 min Scan# 407
 Delta R.T. 0.009 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

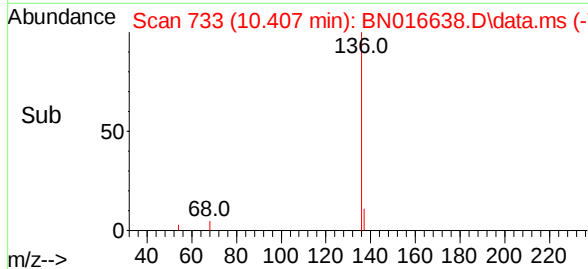
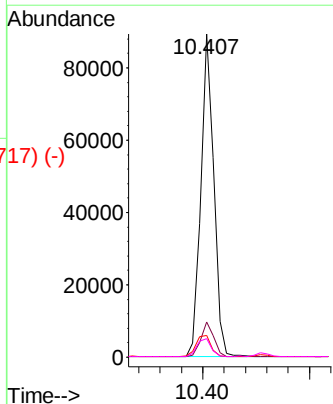
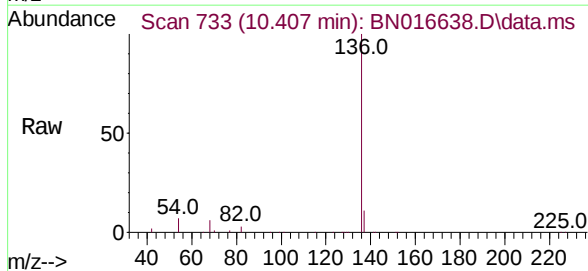
Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

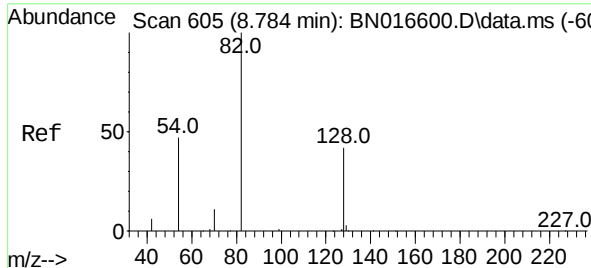
Tgt Ion:	99	Resp:	23665
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.6
71	30.4	23.5	35.3



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.407 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

Tgt Ion:	136	Resp:	150363
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.9	8.9
68	5.7	5.0	7.6

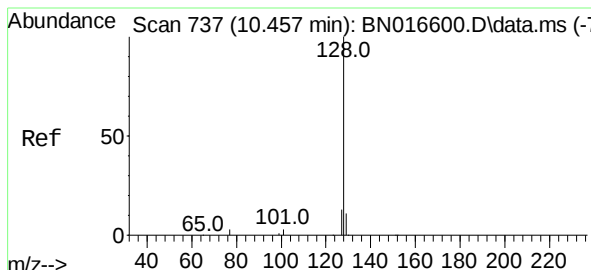
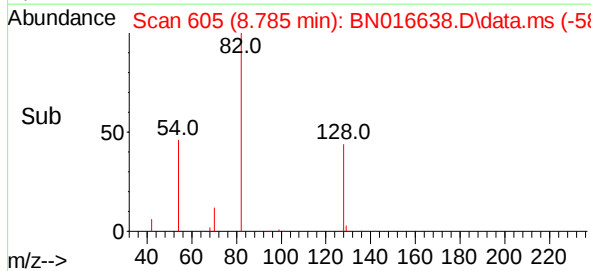
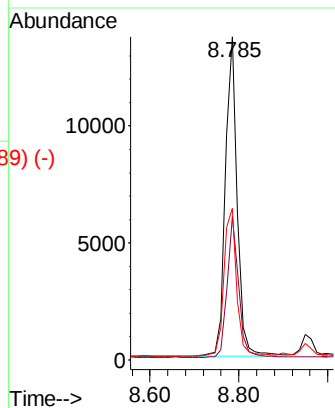
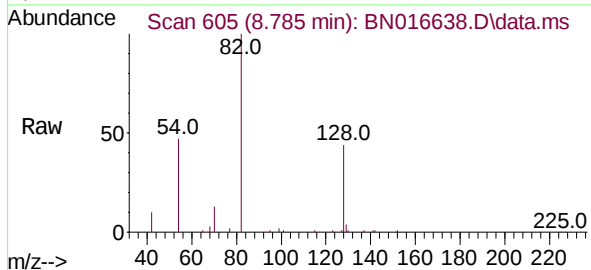




Nitrobenzene-d5
 Concen: 0.261 ng
 RT: 8.785 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

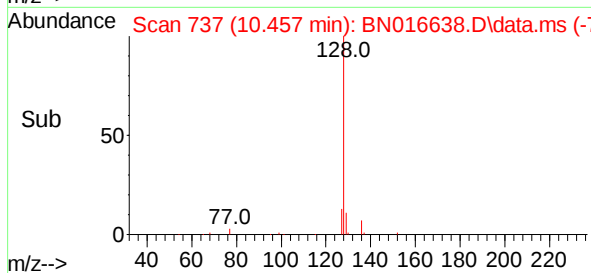
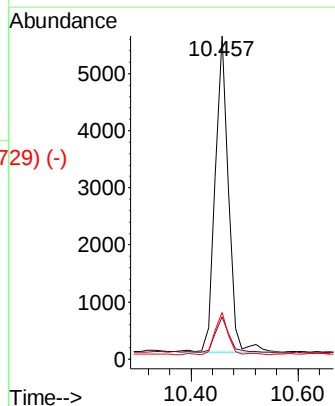
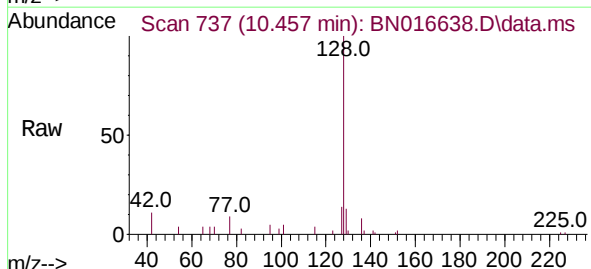
Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

Tgt Ion:	82	Resp:	25585
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.6	50.4
54	46.9	37.6	56.4



Naphthalene
 Concen: 0.024 ng
 RT: 10.457 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

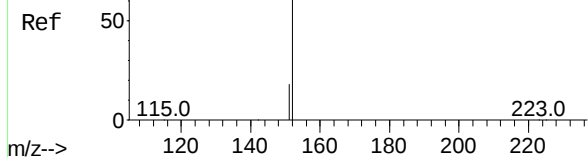
Tgt Ion:	128	Resp:	9631
Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.8	13.2
127	14.5	10.3	15.5



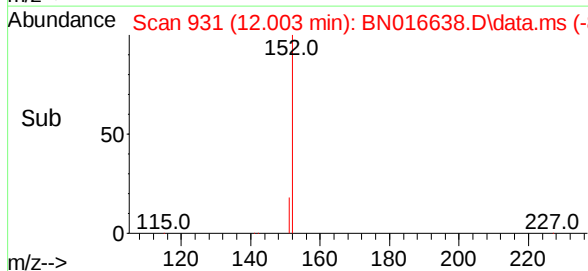
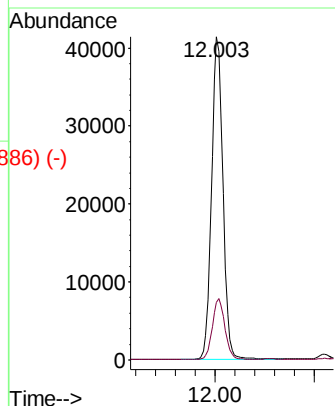
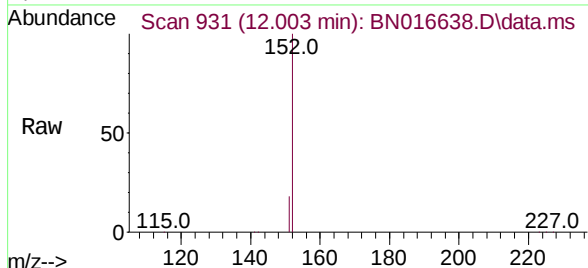
Abundance Scan 932 (12.007 min): BN016600.D\data.ms (-91714)

2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021

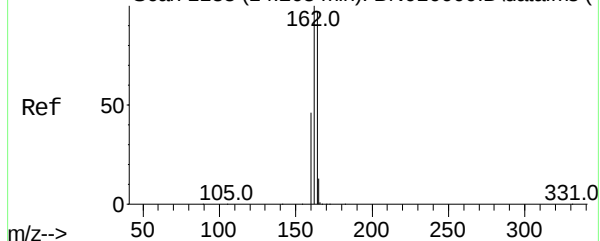


Tgt Ion:152 Resp: 66088
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

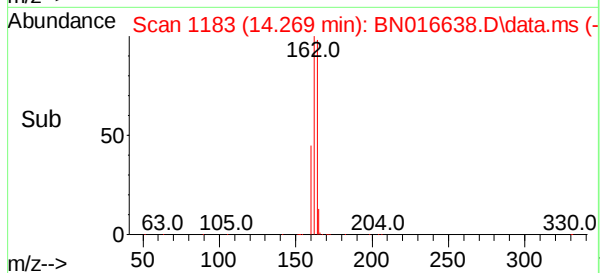
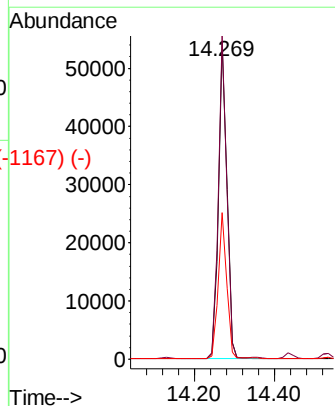
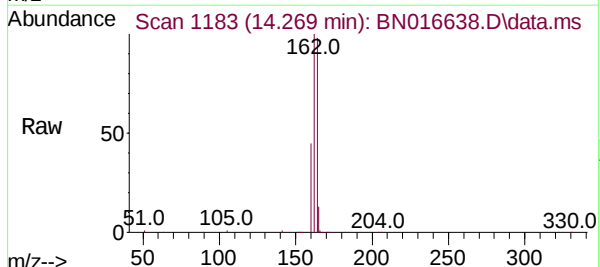


Abundance Scan 1183 (14.268 min): BN016600.D\data.ms (-1113)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



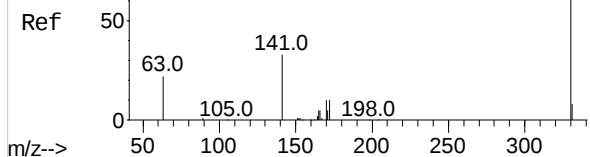
Tgt Ion:164 Resp: 79723
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 46.3 37.7 56.5



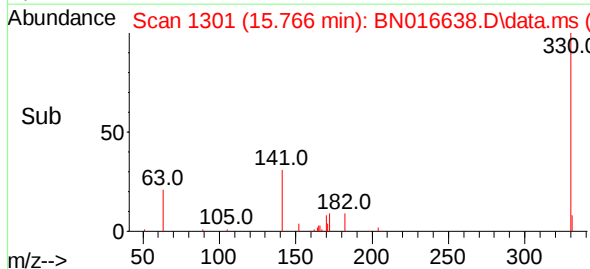
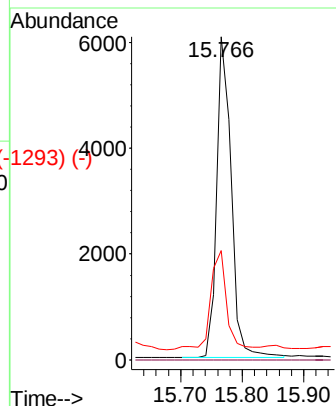
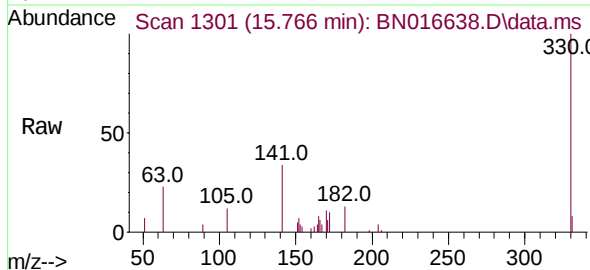
Abundance Scan 1301 (15.766 min): BN016600.D\data.ms (-1294) (-)

2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021

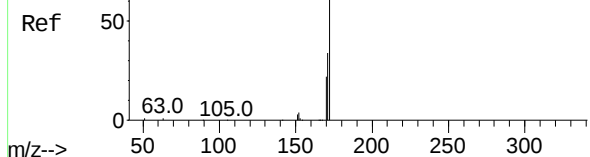


Tgt Ion:	330	Resp:	9904
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.9	25.2	37.8

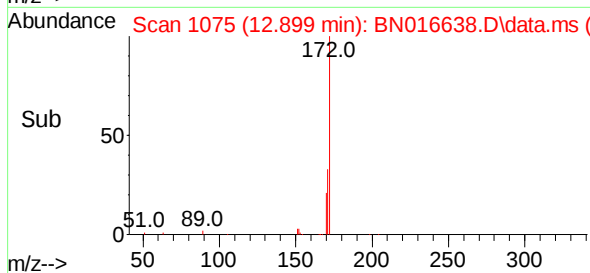
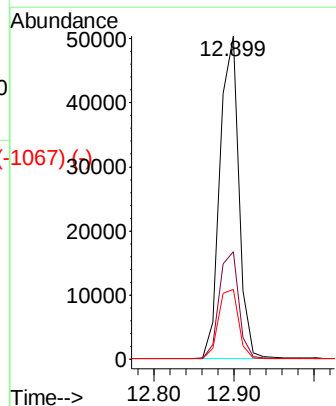
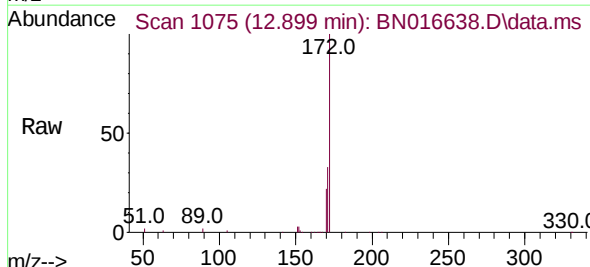


Abundance Scan 1075 (12.898 min): BN016600.D\data.ms (-1075) (-)

2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



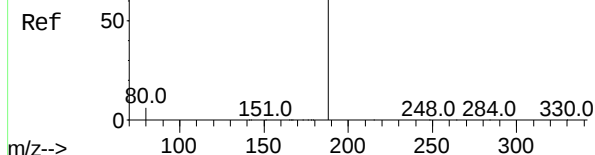
Tgt Ion:	172	Resp:	83580
Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.0	40.4
170	21.5	17.4	26.2



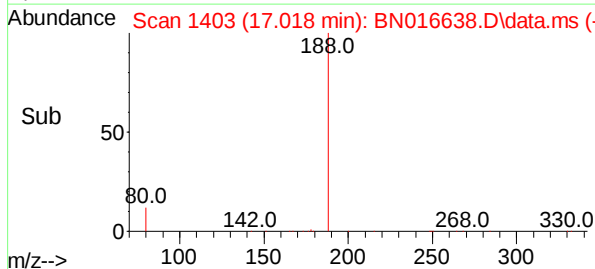
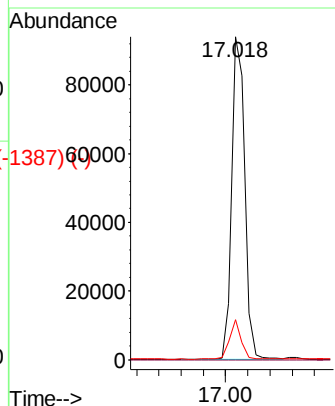
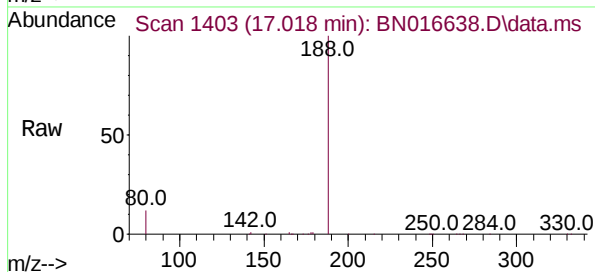
Abundance Scan 1404 (17.029 min): BN016600.D\data.ms (-1387) (-)

Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021



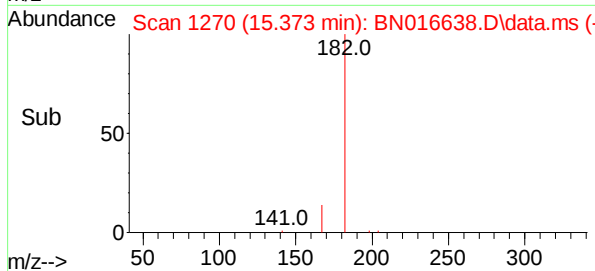
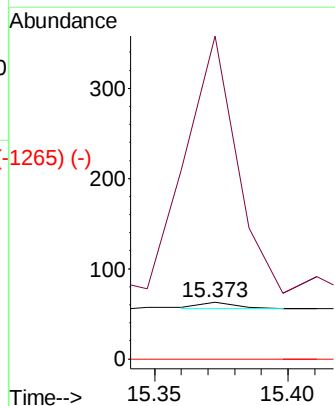
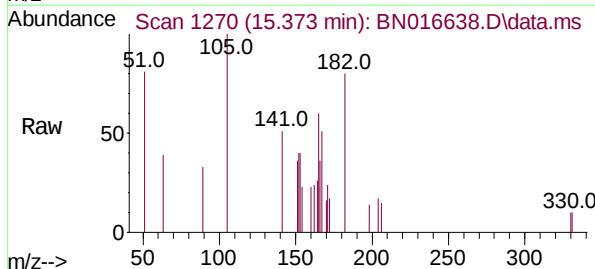
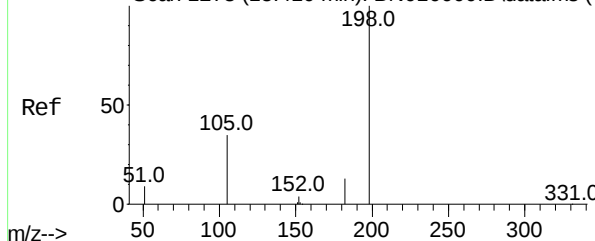
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.0	7.6#



Abundance Scan 1273 (15.410 min): BN016600.D\data.ms (-1265) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.373 min Scan# 1270
Delta R.T. -0.038 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

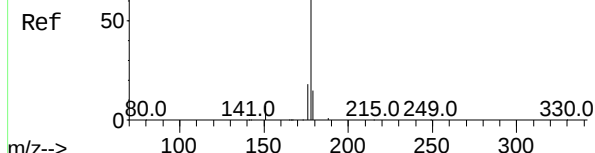
Tgt Ion	Ratio	Lower	Upper
198	100		
182	568.3	11.8	17.8#
77	0.0	0.0	0.0



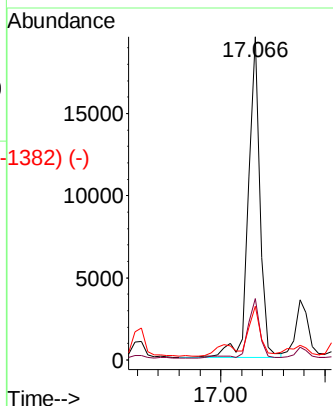
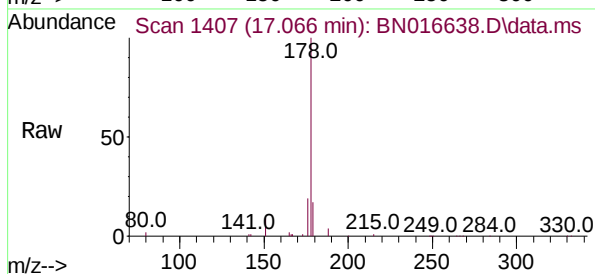
Abundance Scan 1407 (17.066 min): BN016600.D\data.ms (-1382) (-)

Phenanthrene
Concen: 0.065 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

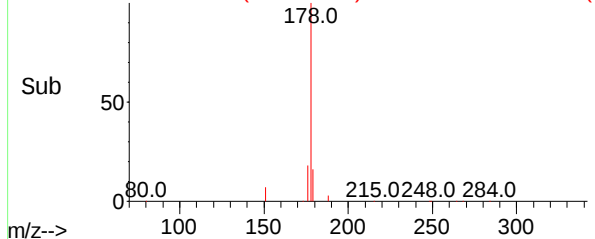
Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021



Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.4
179	13.2	12.2	18.4



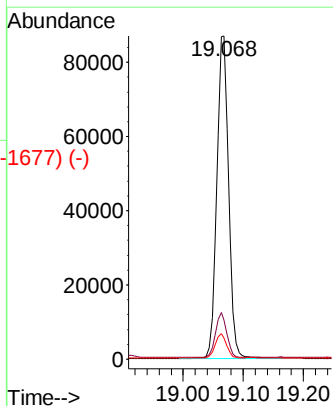
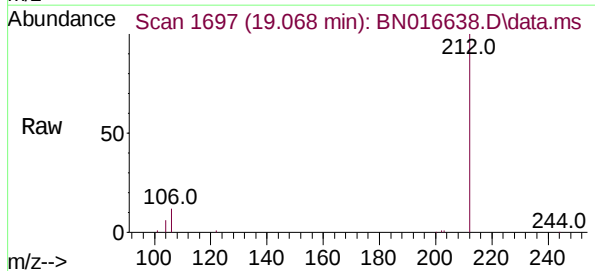
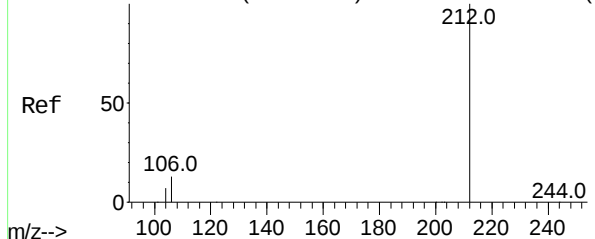
Abundance Scan 1407 (17.066 min): BN016638.D\data.ms (-1382) (-)



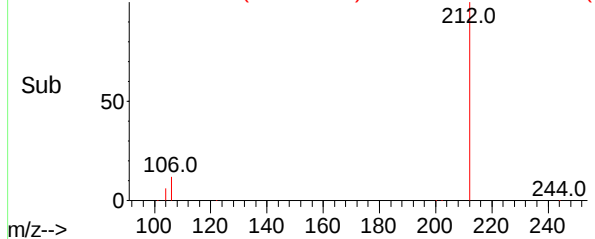
Abundance Scan 1697 (19.068 min): BN016600.D\data.ms (-1627) (-)

Fluoranthene-d10
Concen: 0.289 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

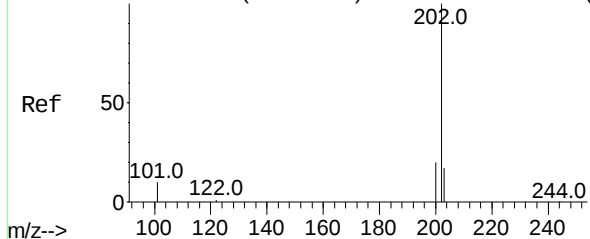
Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.3	5.9	8.9



Abundance Scan 1697 (19.068 min): BN016638.D\data.ms (-1677) (-)



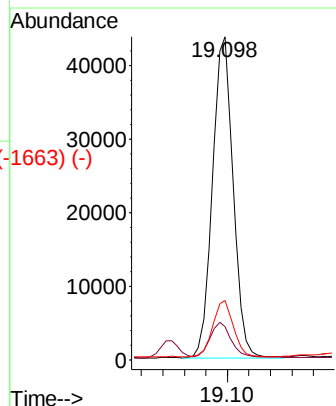
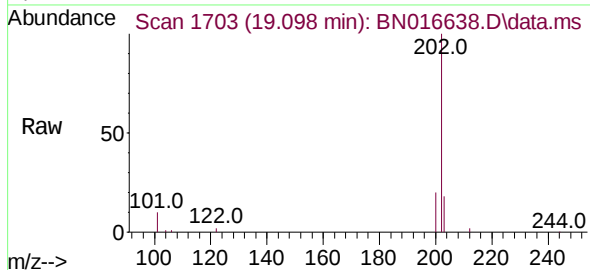
Abundance Scan 1703 (19.097 min): BN016600.D\data.ms (-1629) (-)



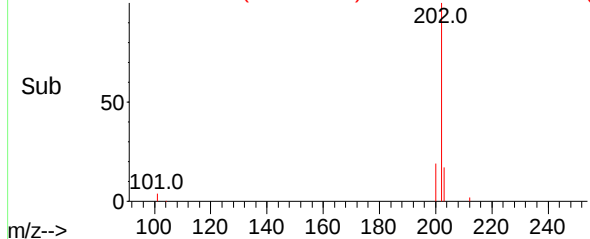
Fluoranthene
Concen: 0.117 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021

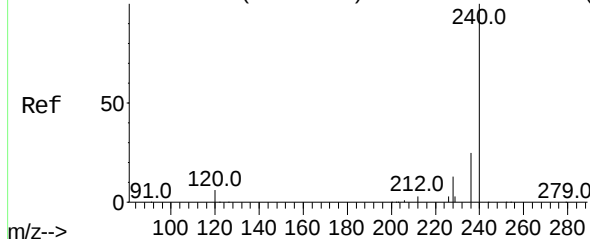
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
203	17.3	13.8	20.6



Abundance Scan 1703 (19.098 min): BN016638.D\data.ms (-1663) (-)

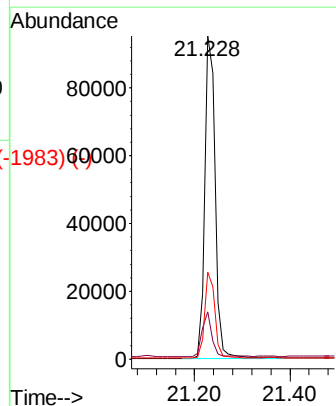
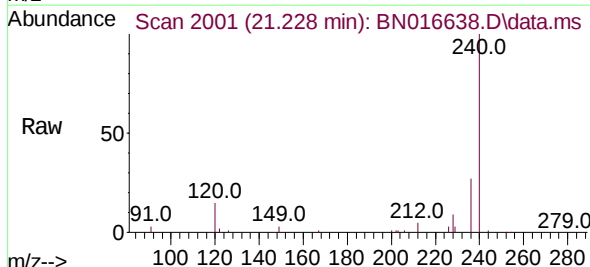


Abundance Scan 2002 (21.238 min): BN016600.D\data.ms (-1929) (-)

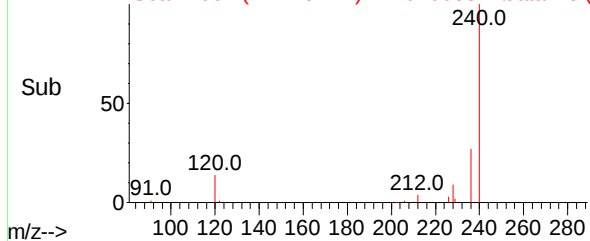


Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

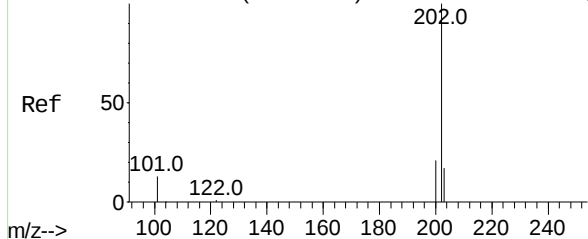
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.0	7.4#
236	27.0	20.4	30.6



Abundance Scan 2001 (21.228 min): BN016638.D\data.ms (-1983) (-)



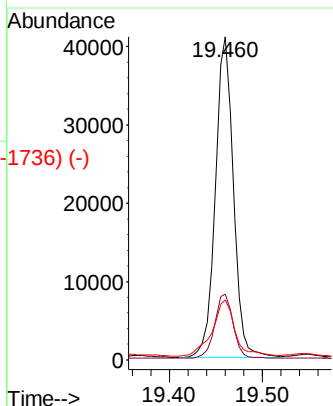
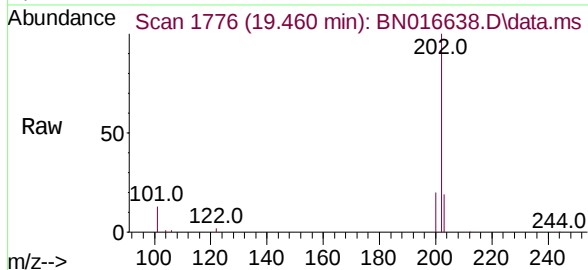
Abundance Scan 1776 (19.460 min): BN016600.D\data.ms (-1736) (-)



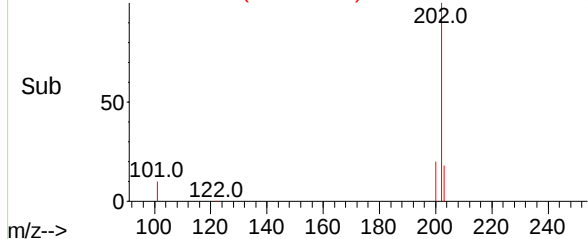
Pyrene
Concen: 0.119 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021

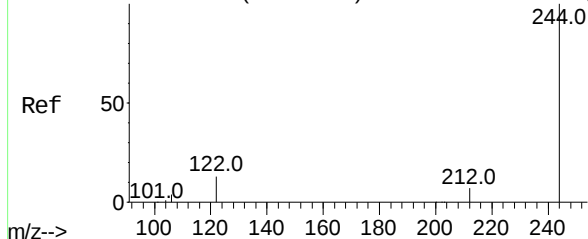
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	21.6	14.0	21.0#



Abundance Scan 1776 (19.460 min): BN016638.D\data.ms (-1736) (-)

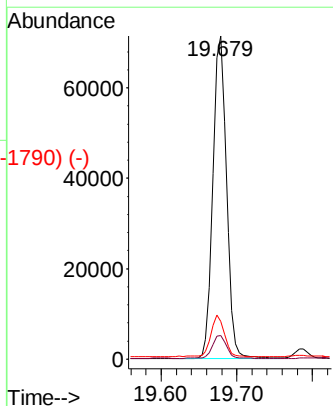
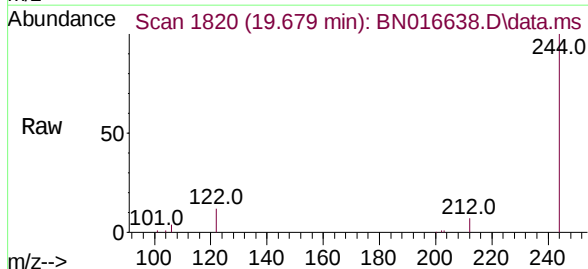


Abundance Scan 1820 (19.678 min): BN016600.D\data.ms (-1736) (-)

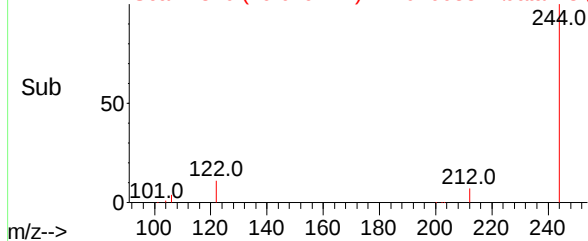


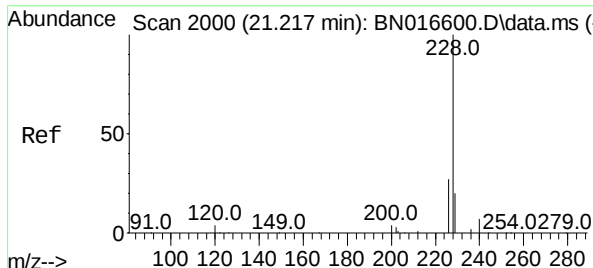
Terphenyl-d14
Concen: 0.287 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.7	10.1	15.1



Abundance Scan 1820 (19.679 min): BN016638.D\data.ms (-1790) (-)

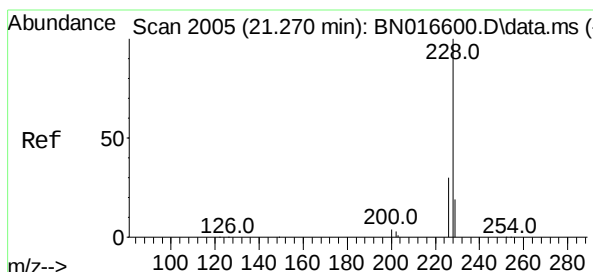
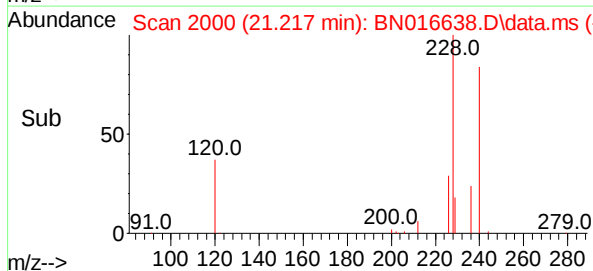
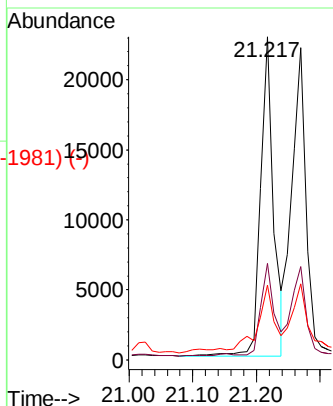
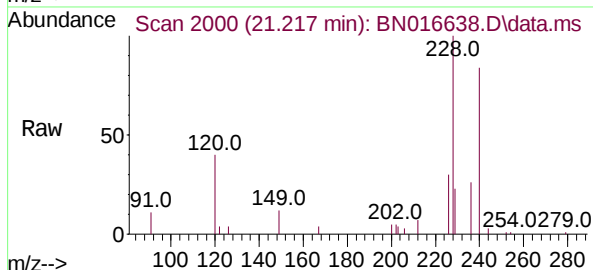




Scan 2000 (21.217 min): BN016600.D\data.ms (-1932) (-)
 Benzo(a)anthracene
 Concen: 0.074 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

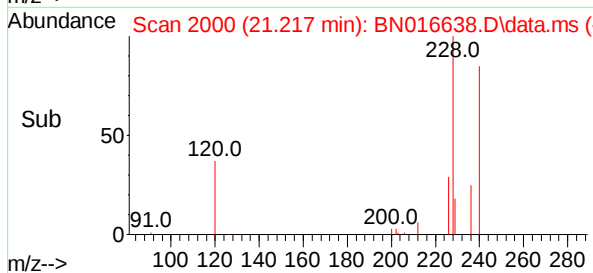
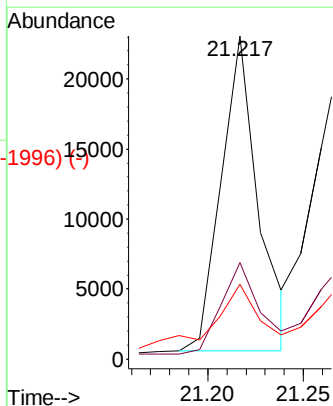
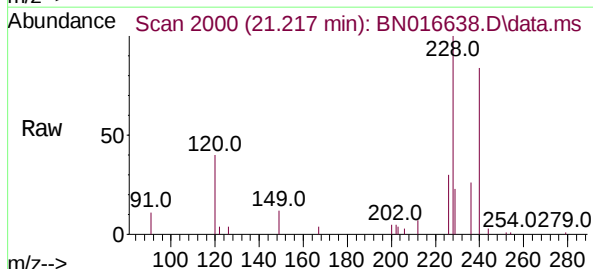
Instrument :
 BNA_N
 ClientSampleId :
 S-821-N-SO-1-1.5-093021

Tgt Ion:	228	Resp:	32309
Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.9	32.9
229	23.2	15.7	23.5



Scan 2005 (21.270 min): BN016600.D\data.ms (-2033) (-)
 Chrysene
 Concen: 0.069 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.053 min
 Lab File: BN016638.D
 Acq: 01 Oct 2021 16:32

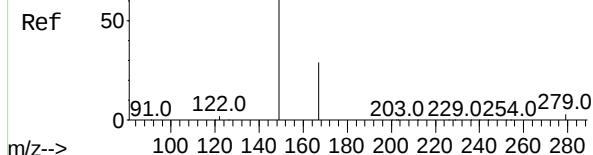
Tgt Ion:	228	Resp:	30470
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	23.2	15.5	23.3



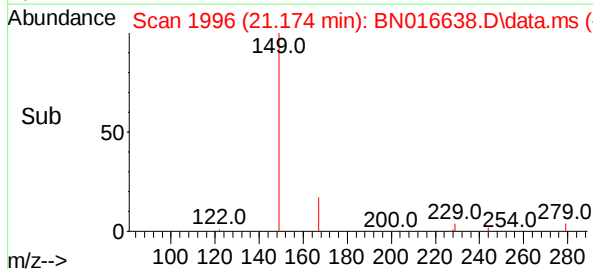
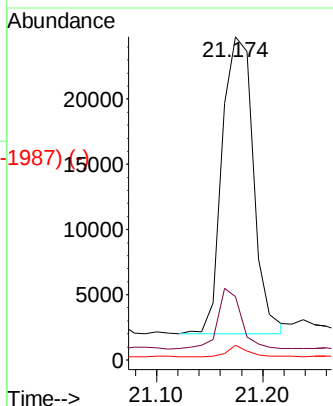
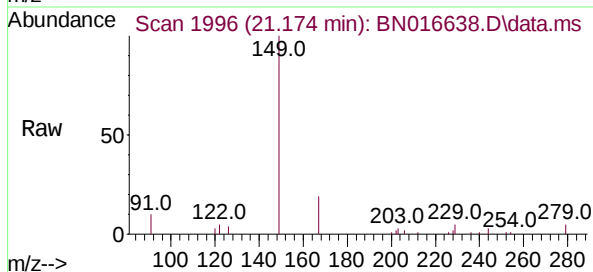
Abundance Scan 1996 (21.174 min): BN016600.D\data.ms (-1987) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.266 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021



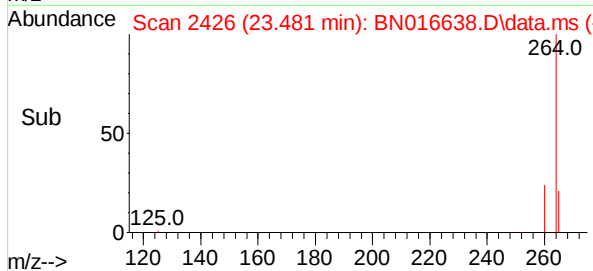
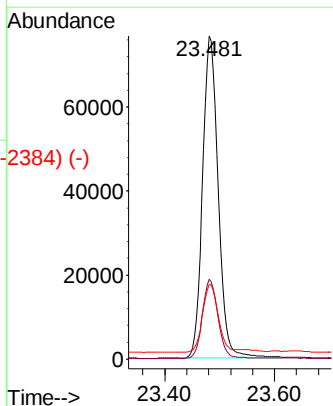
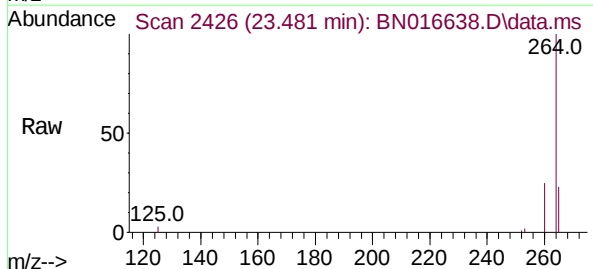
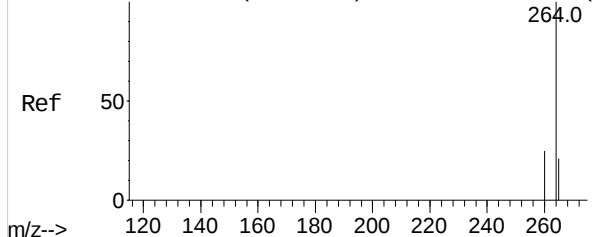
Tgt Ion:	149	Resp:	46479
Ion	Ratio	Lower	Upper
149	100		
167	15.3	22.2	33.4#
279	2.4	3.2	4.8#



Abundance Scan 2428 (23.488 min): BN016600.D\data.ms (-2384) (-)

Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

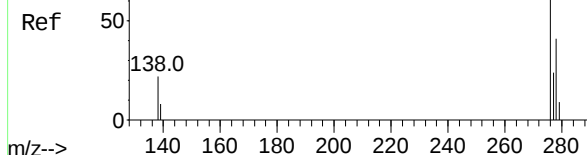
Tgt Ion:	264	Resp:	151121
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.2	19.2	28.8



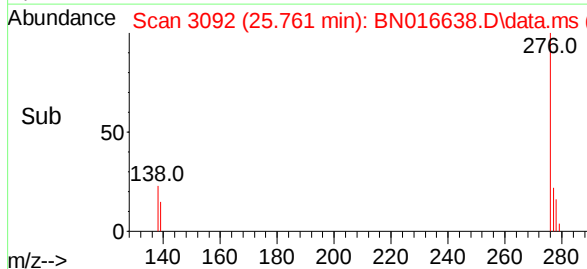
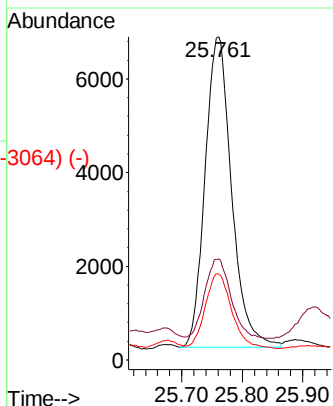
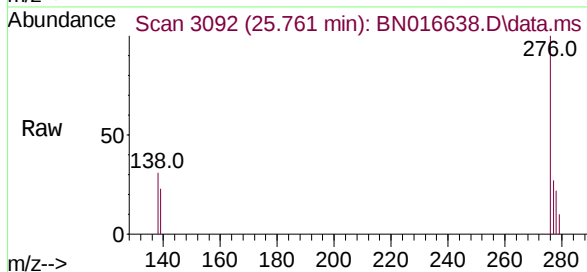
Abundance Scan 3093 (25.764 min): BN016600.D\data.ms (-3064) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 25.761 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021



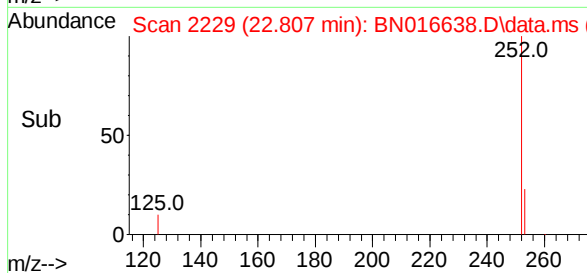
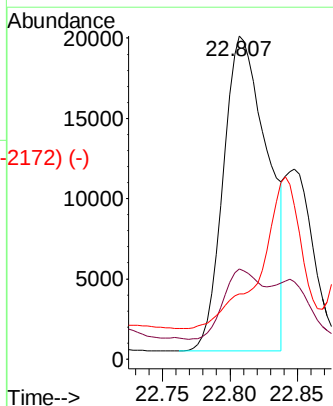
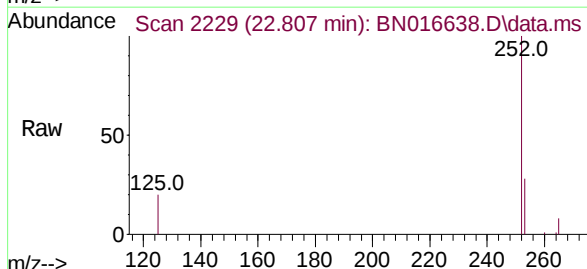
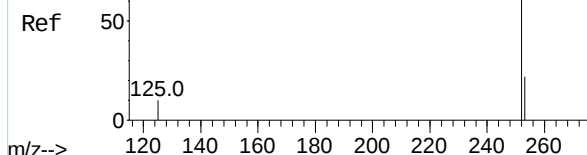
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.5	29.3
277	23.9	19.9	29.9



Abundance Scan 2230 (22.810 min): BN016600.D\data.ms (-2172) (-)

Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

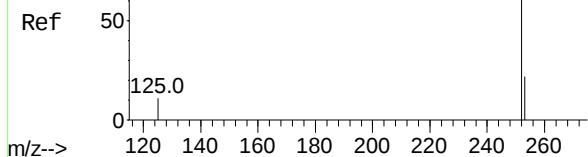
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8#
125	20.2	8.0	12.0#



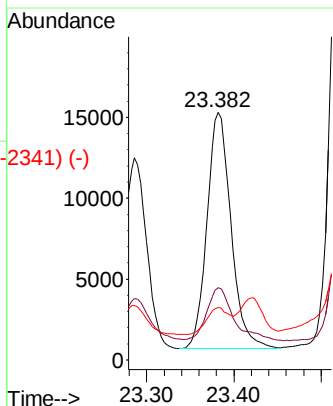
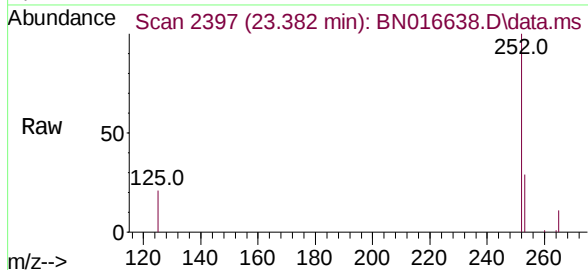
Abundance Scan 2399 (23.388 min): BN016600.D\data.ms (-2339) (-)

Benzo(a)pyrene
Concen: 0.065 ng
RT: 23.382 min Scan# 2397
Delta R.T. -0.007 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32

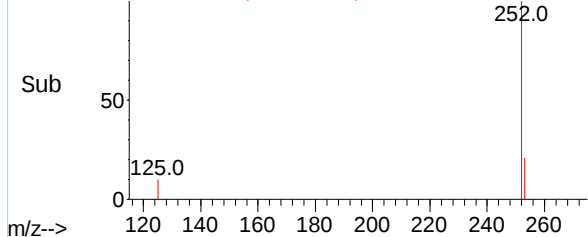
Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-1-1.5-093021



Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.8	26.8#
125	21.2	9.0	13.4#

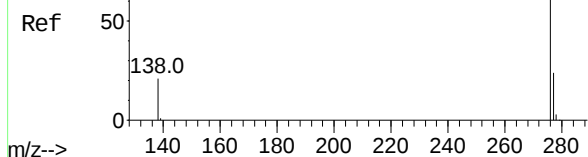


Abundance Scan 2397 (23.382 min): BN016638.D\data.ms (-2341) (-)

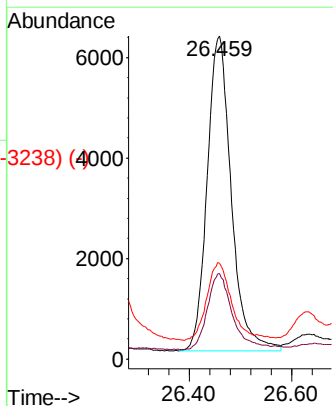
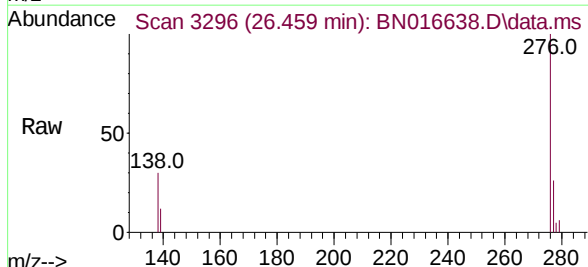


Abundance Scan 3296 (26.459 min): BN016600.D\data.ms (-3270) (-)

Benzo(g,h,i)perylene
Concen: 0.043 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016638.D
Acq: 01 Oct 2021 16:32



Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.6
138	29.6	16.9	25.3#



Abundance Scan 3296 (26.459 min): BN016638.D\data.ms (-3238) (-)

