

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
 Data File : BN017026.D
 Acq On : 20 Oct 2021 18:40
 Operator : CG/JU
 Sample : M4268-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P257-DITCH

Quant Time: Oct 21 01:46:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 15:04:54 2021
 Response via : Initial Calibration

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

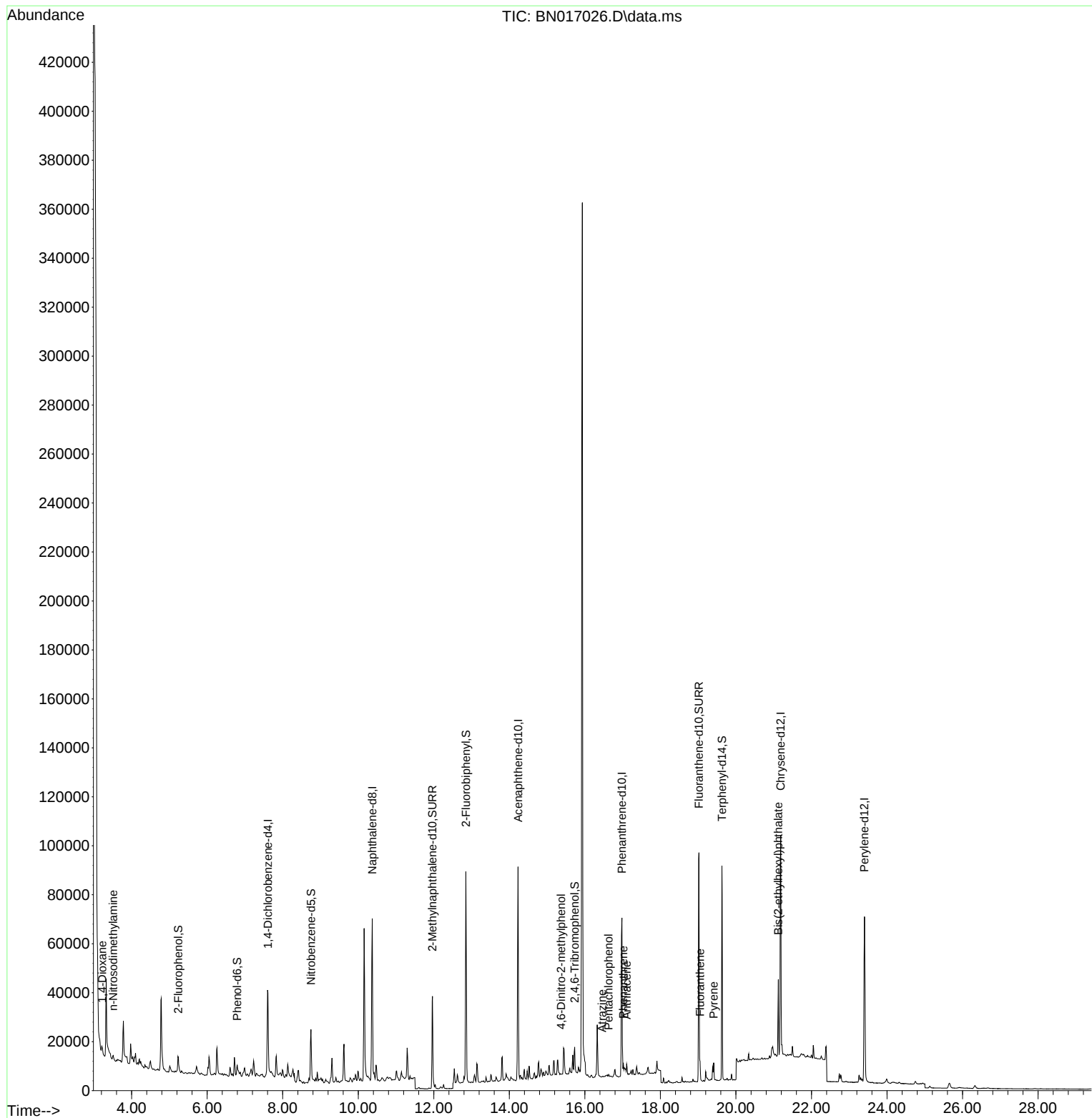
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	19690	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	90190	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	49984	0.400	ng	0.00
19) Phenanthrene-d10	16.982	188	94262	0.400	ng	0.00
29) Chrysene-d12	21.186	240	91443	0.400	ng	0.00
35) Perylene-d12	23.403	264	90400	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.237	112	7640	0.185	ng	0.03
5) Phenol-d6	6.795	99	5037	0.106	ng	0.00
8) Nitrobenzene-d5	8.748	82	20273	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	50112	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	9274	0.476	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	72373	0.386	ng	0.00
27) Fluoranthene-d10	19.019	212	102465	0.434	ng	0.00
31) Terphenyl-d14	19.630	244	85423	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	347	0.027	ng	# 1
3) n-Nitrosodimethylamine	3.513	42	433	0.028	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.374	198	97	0.186	ng	# 1
23) Atrazine	16.459	200	289	0.126	ng	# 24
24) Pentachlorophenol	16.629	266	599	0.259	ng	96
25) Phenanthrene	17.019	178	5905	0.022	ng	# 82
26) Anthracene	17.104	178	4928	0.022	ng	# 93
28) Fluoranthene	19.049	202	6776	0.023	ng	# 94
30) Pyrene	19.412	202	6215	0.022	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.122	149	26521	0.359	ng	100

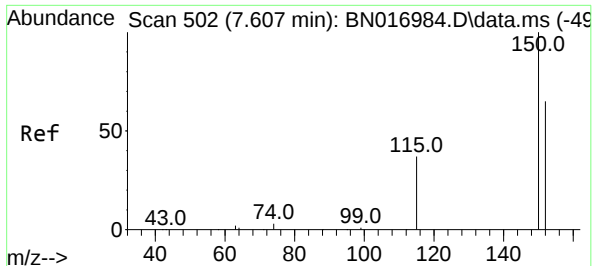
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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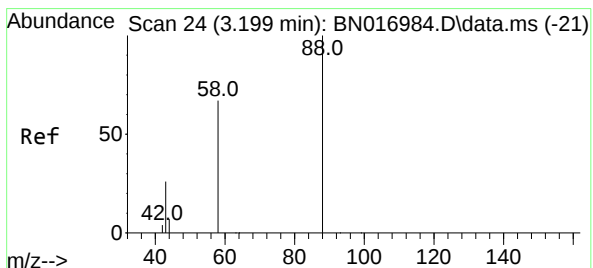
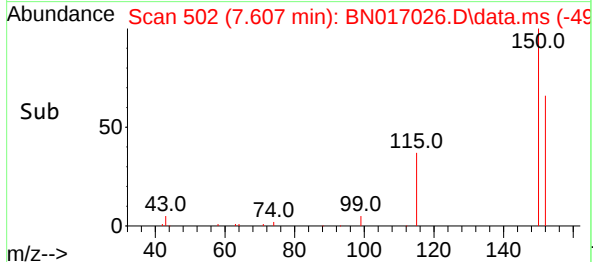
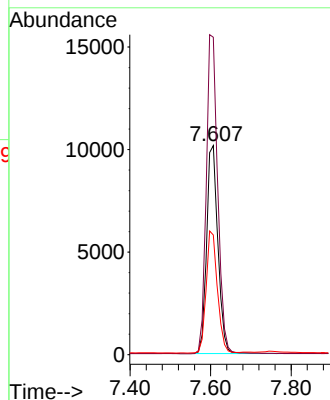
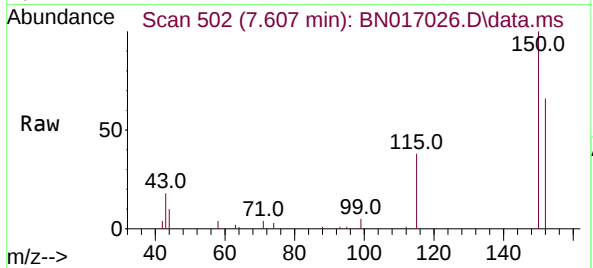


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.607 min Scan# 502
 Delta R.T. 0.009 min
 Lab File: BN017026.D
 Acq: 20 Oct 2021 18:40

Instrument :
 BNA_N
 ClientSampleId :
 P257-DITCH

Tgt Ion:152 Resp: 19690

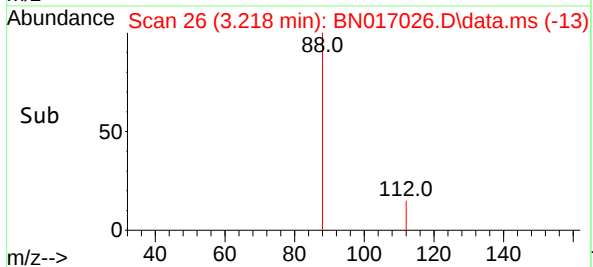
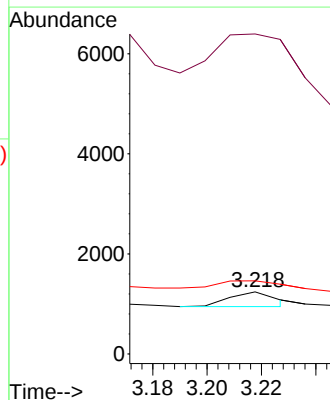
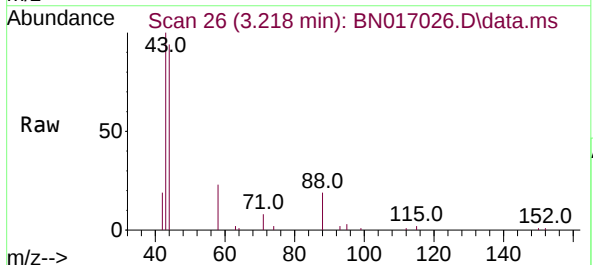
Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.0	184.4
115	57.2	46.3	69.5

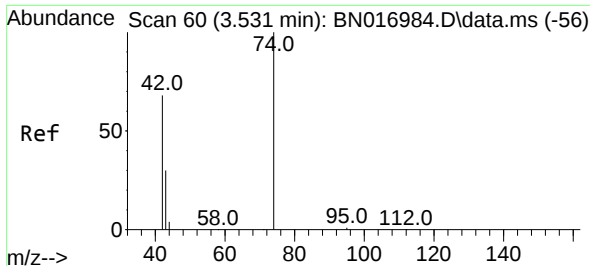


#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.218 min Scan# 26
 Delta R.T. 0.018 min
 Lab File: BN017026.D
 Acq: 20 Oct 2021 18:40

Tgt Ion: 88 Resp: 347

Ion	Ratio	Lower	Upper
88	100		
43	391.1	26.8	40.2#
58	60.5	63.0	94.4#

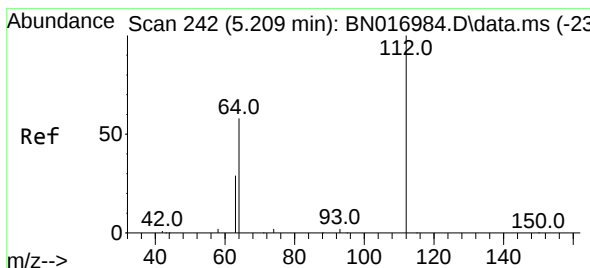
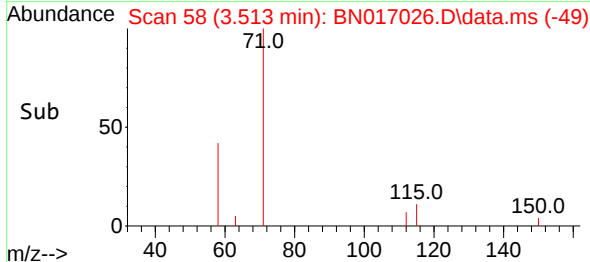
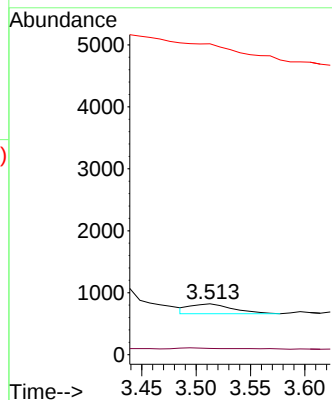
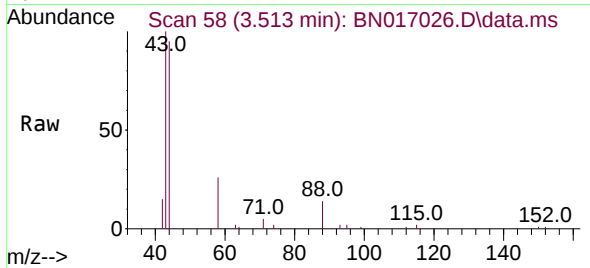




#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.513 min Scan# 58
Delta R.T. -0.019 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

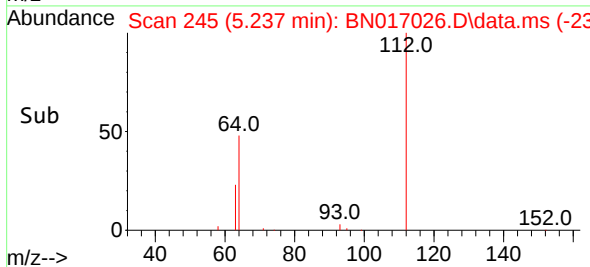
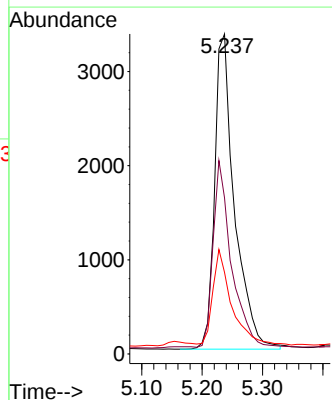
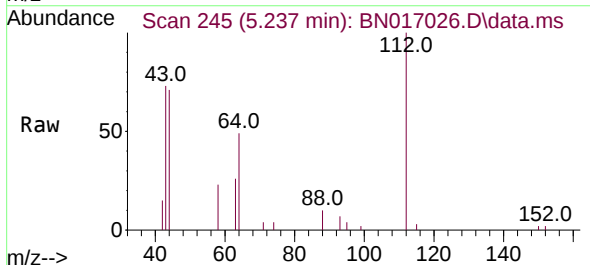
Instrument :
BNA_N
ClientSampled :
P257-DITCH

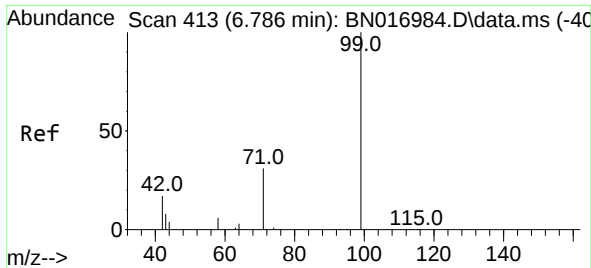
Tgt Ion: 42 Resp: 433
Ion Ratio Lower Upper
42 100
74 18.2 114.7 172.1#
44 0.0 3.8 5.6#



#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.237 min Scan# 245
Delta R.T. 0.027 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion: 112 Resp: 7640
Ion Ratio Lower Upper
112 100
64 54.4 45.5 68.3
63 27.7 23.0 34.6

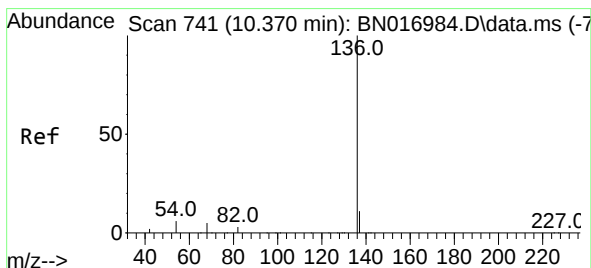
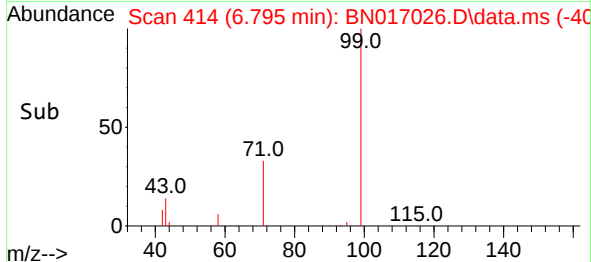
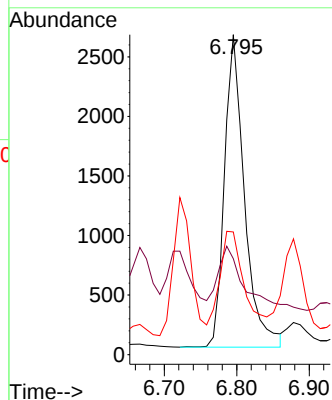
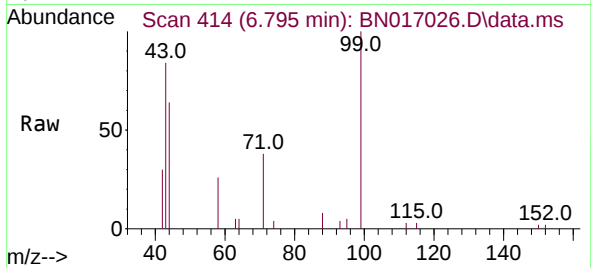




#5
Phenol-d6
Concen: 0.106 ng
RT: 6.795 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

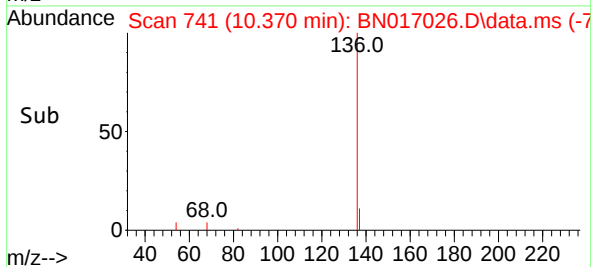
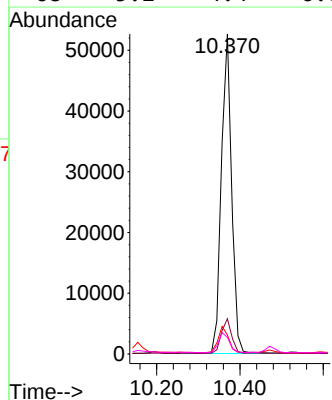
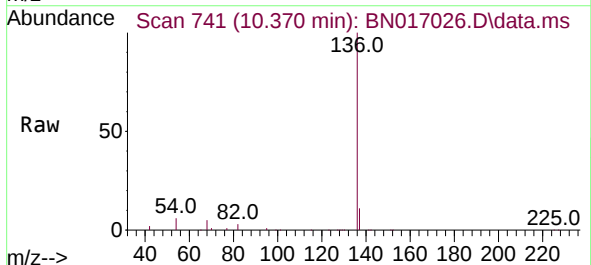
Instrument :
BNA_N
ClientSampleId :
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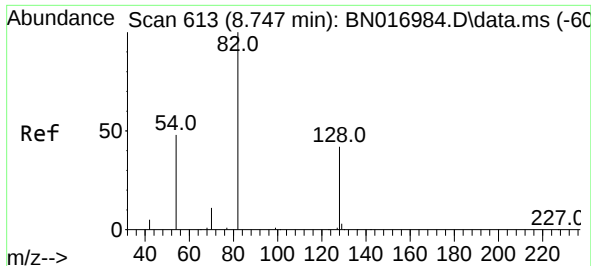
Tgt Ion: 99 Resp: 5037
Ion Ratio Lower Upper
99 100
42 20.1 14.6 21.8
71 33.9 24.8 37.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion: 136 Resp: 90190
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.0 5.2 7.8
68 5.2 4.4 6.6

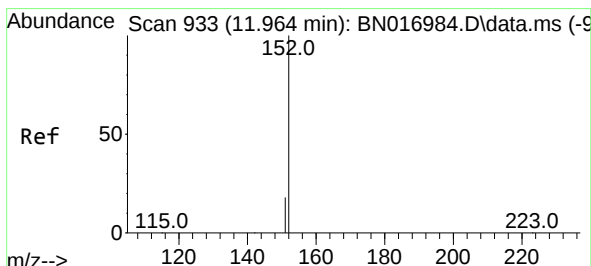
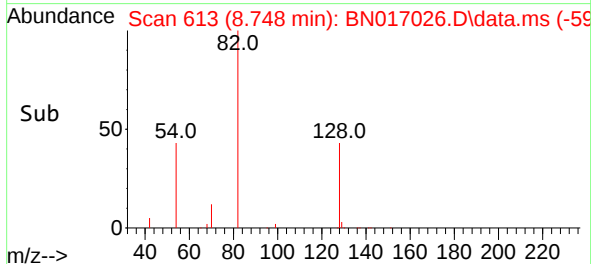
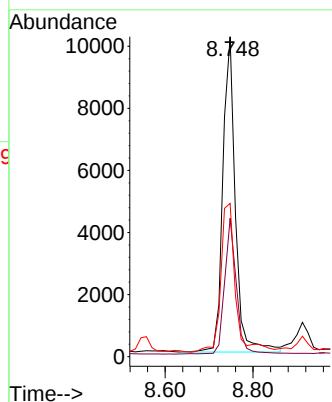
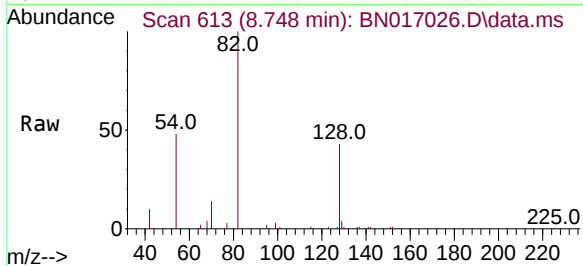




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.748 min Scan# 613
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

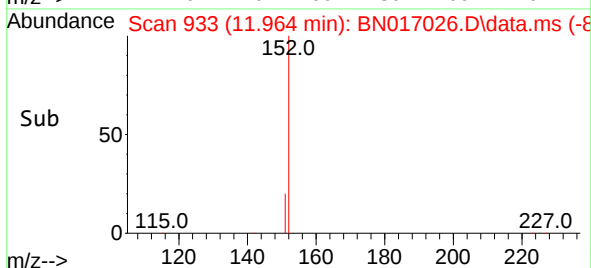
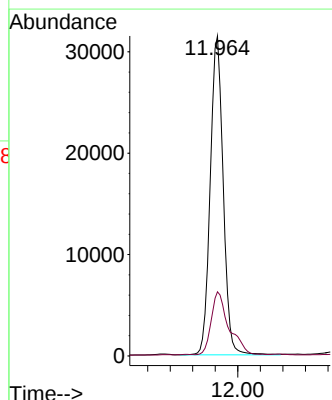
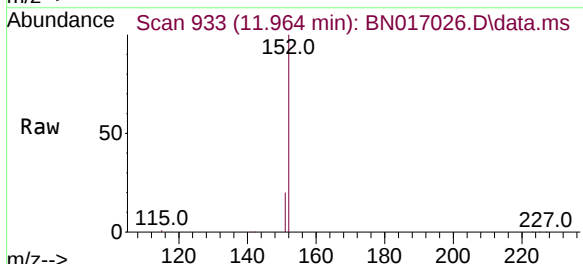
Instrument :
BNA_N
ClientSampleId :
P257-DITCH

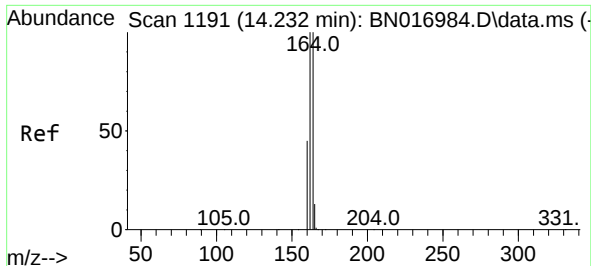
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.9	50.9
54	47.9	38.3	57.5



#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.964 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.7	16.3	24.5

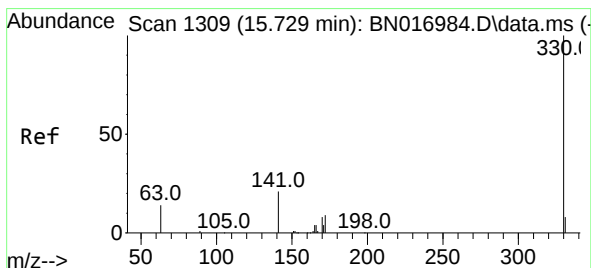
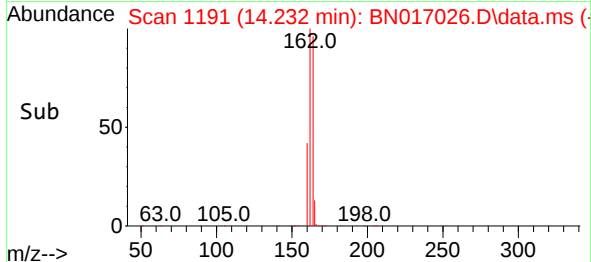
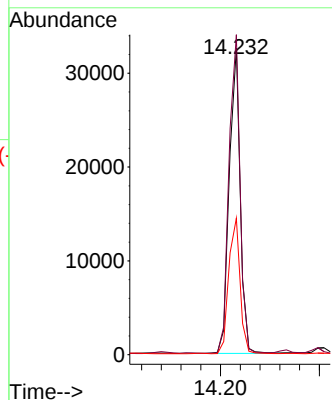
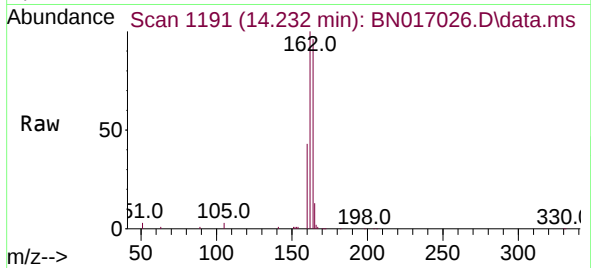




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

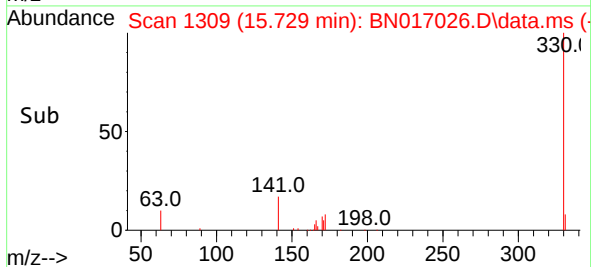
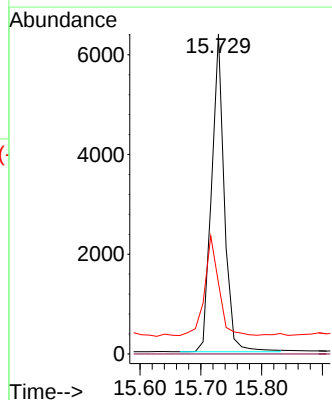
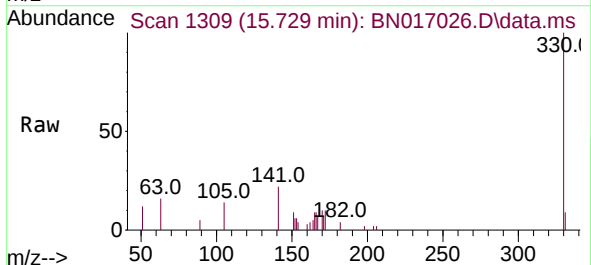
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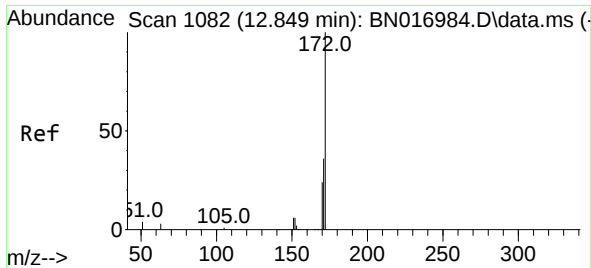
Tgt Ion:164 Resp: 49984
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 44.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.476 ng
RT: 15.729 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion:330 Resp: 9274
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 25.6 38.4

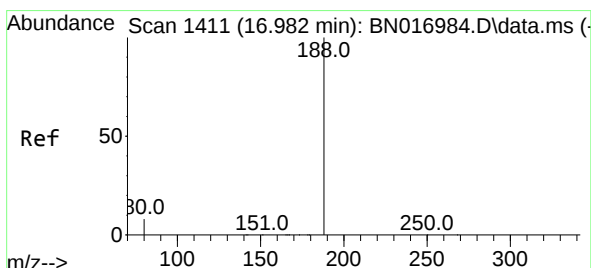
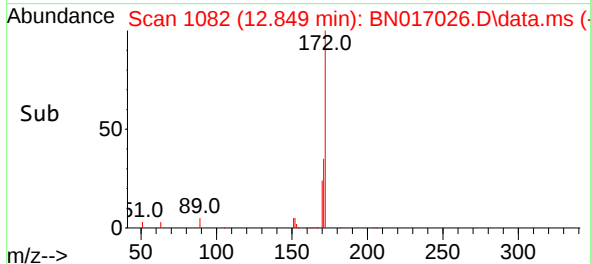
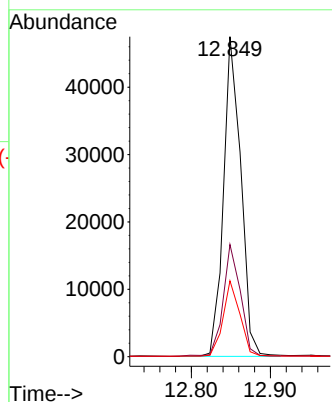
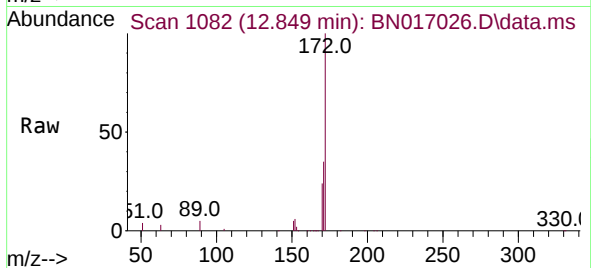




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.849 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

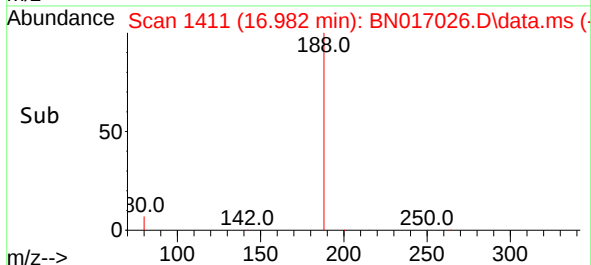
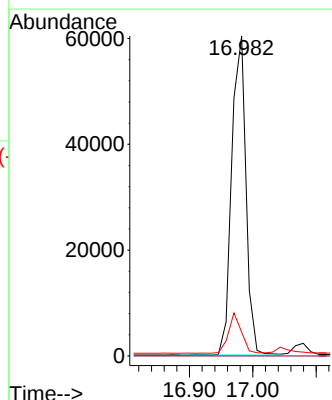
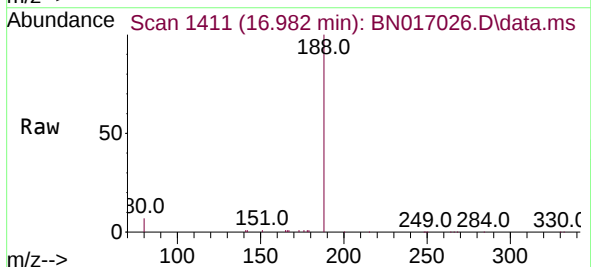
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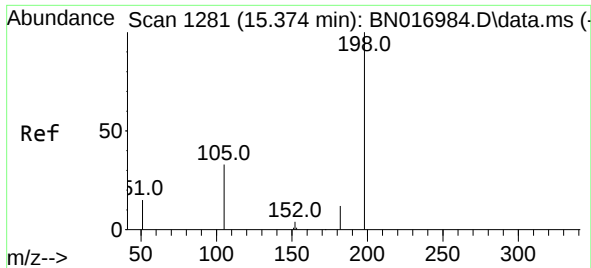
Tgt Ion:	172	Resp:	72373
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	23.7	19.6	29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.982 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion:	188	Resp:	94262
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.2	9.4

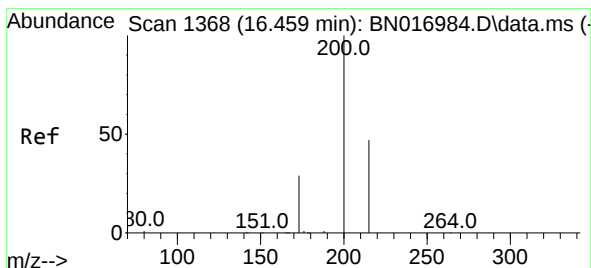
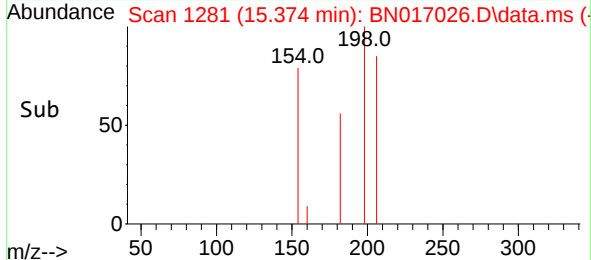
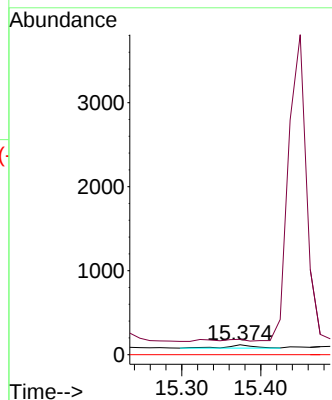
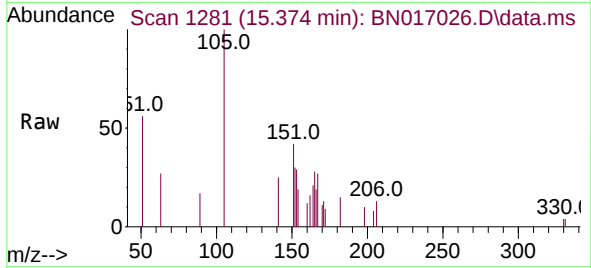




#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.374 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

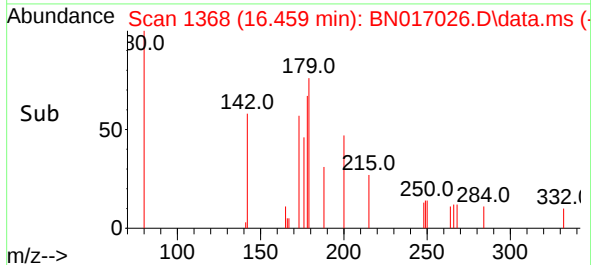
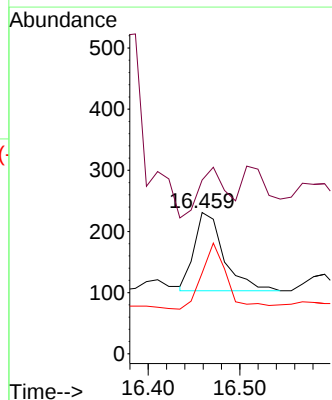
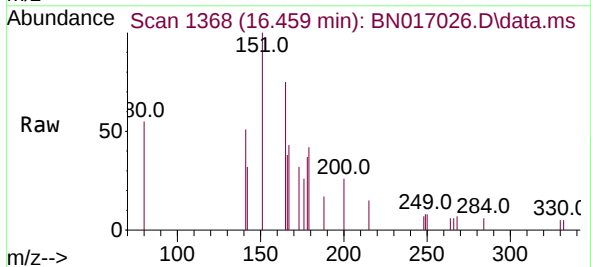
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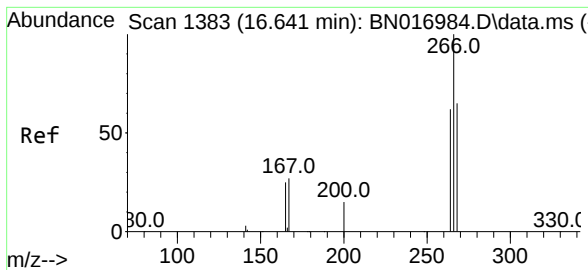
Tgt Ion:198 Resp: 97
Ion Ratio Lower Upper
198 100
182 155.1 12.5 18.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.126 ng
RT: 16.459 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion:200 Resp: 289
Ion Ratio Lower Upper
200 100
173 122.9 23.5 35.3#
215 57.1 37.9 56.9#

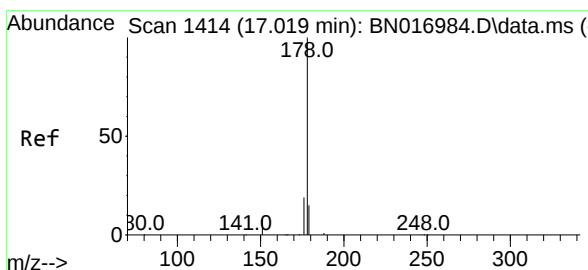
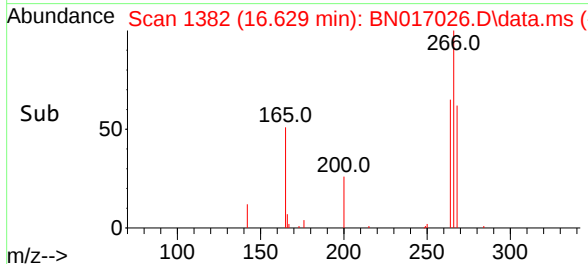
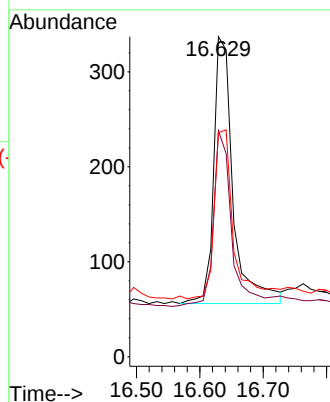
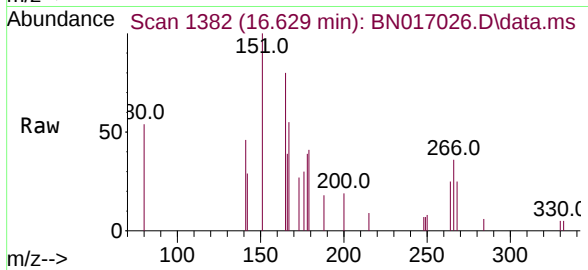




#24
Pentachlorophenol
Concen: 0.259 ng
RT: 16.629 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

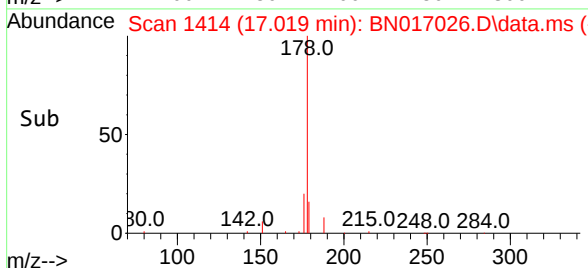
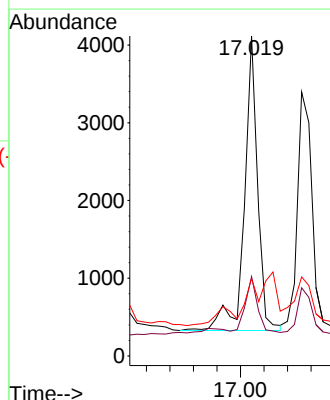
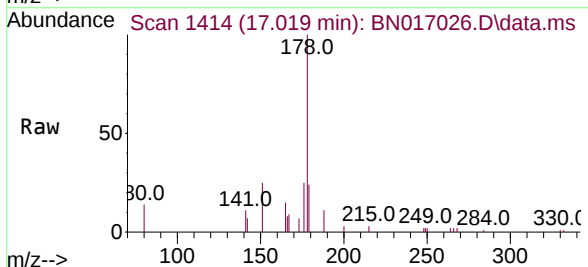
Instrument :
BNA_N
ClientSampleId :
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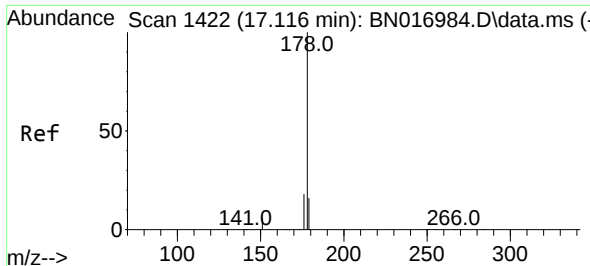
Tgt Ion:	266	Resp:	599
Ion Ratio	Lower	Upper	
266	100		
264	65.3	50.0	75.0
268	60.8	50.9	76.3



#25
Phenanthrene
Concen: 0.022 ng
RT: 17.019 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion:	178	Resp:	5905
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.0	22.6
179	0.0	12.3	18.5

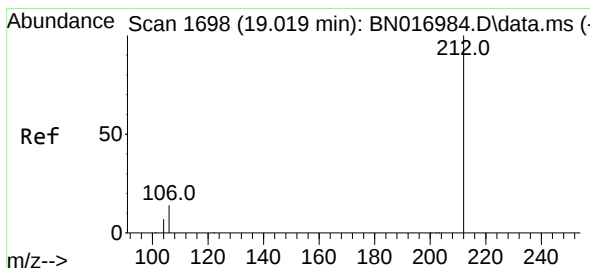
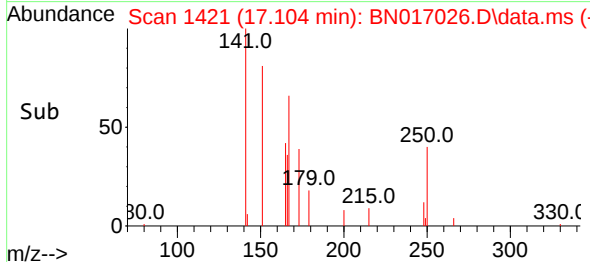
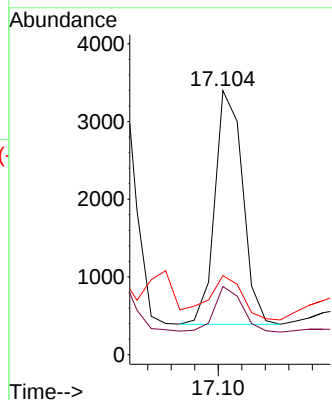
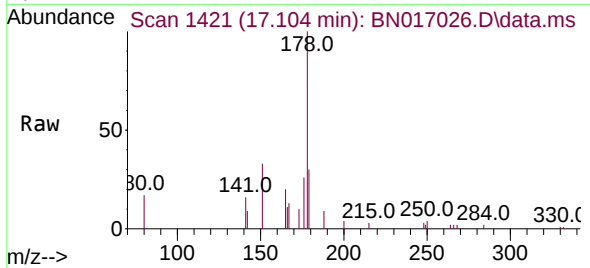




#26
 Anthracene
 Concen: 0.022 ng
 RT: 17.104 min Scan# 1421
 Delta R.T. -0.012 min
 Lab File: BN017026.D
 Acq: 20 Oct 2021 18:40

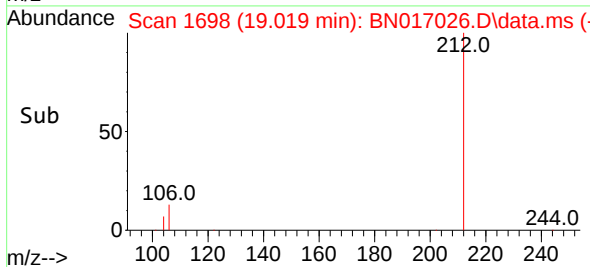
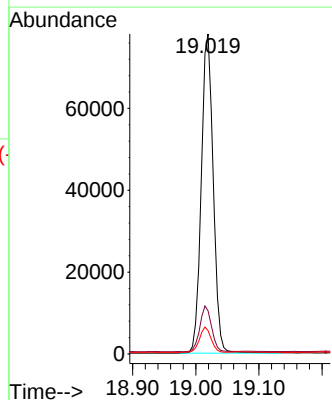
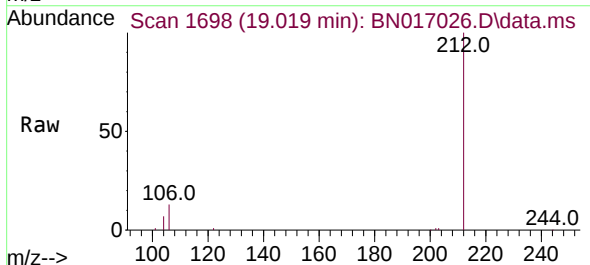
Instrument :
 BNA_N
 ClientSampleId :
 P257-DITCH

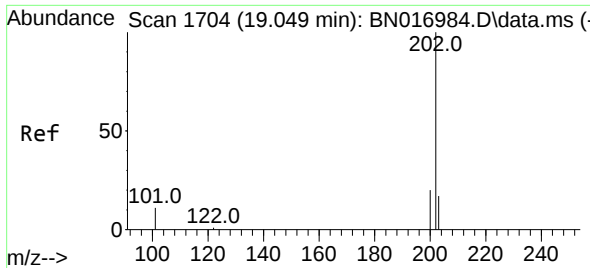
Tgt Ion:178 Resp: 4928
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.6 21.8
 179 20.7 12.3 18.5#



#27
 Fluoranthene-d10
 Concen: 0.434 ng
 RT: 19.019 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: BN017026.D
 Acq: 20 Oct 2021 18:40

Tgt Ion:212 Resp: 102465
 Ion Ratio Lower Upper
 212 100
 106 14.0 11.0 16.4
 104 7.6 6.0 9.0

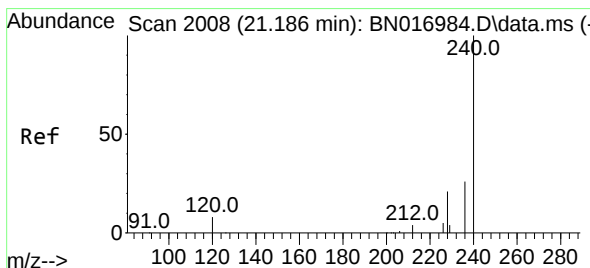
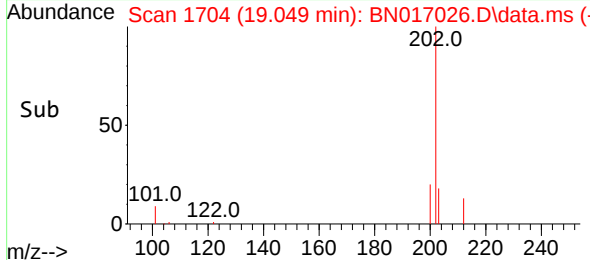
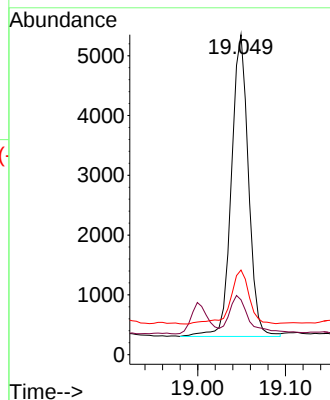
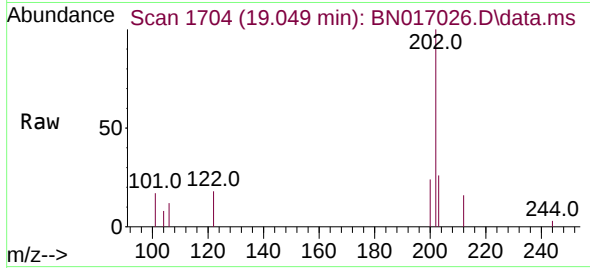




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.049 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

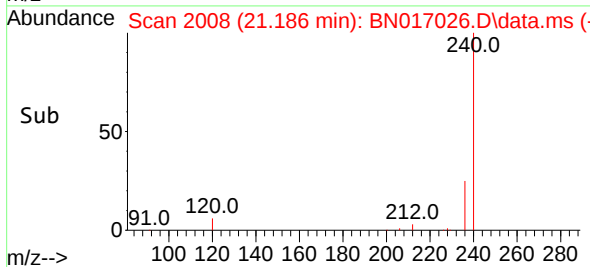
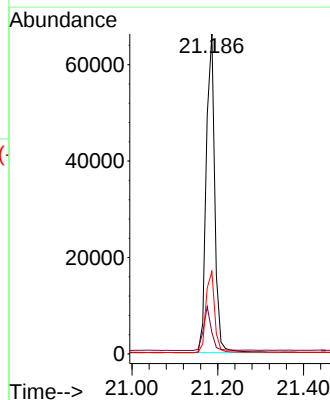
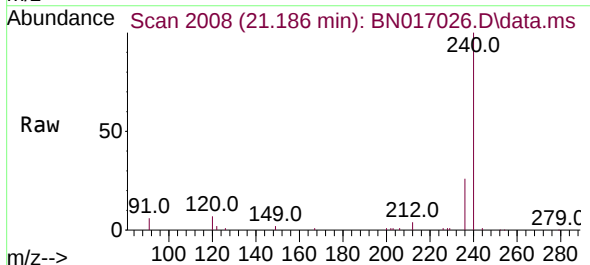
Instrument :
BNA_N
ClientSampleId :
P257-DITCH

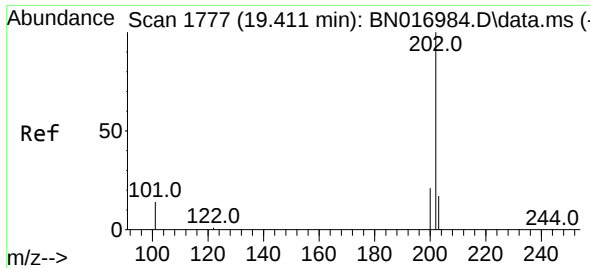
Tgt Ion:202 Resp: 6776
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
203 19.6 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion:240 Resp: 91443
Ion Ratio Lower Upper
240 100
120 6.7 6.4 9.6
236 25.8 20.6 31.0

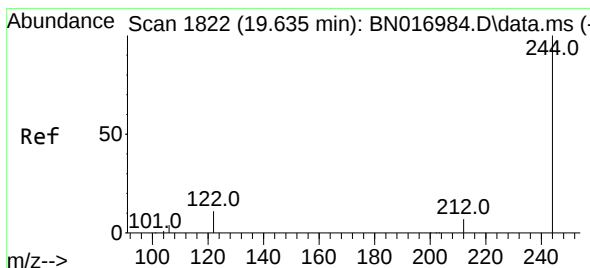
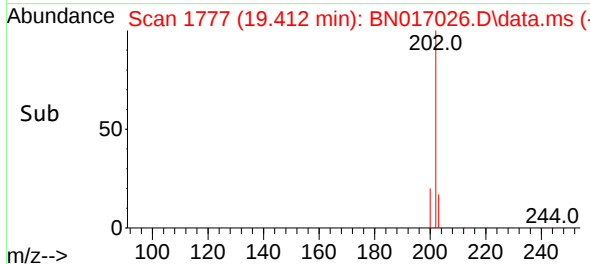
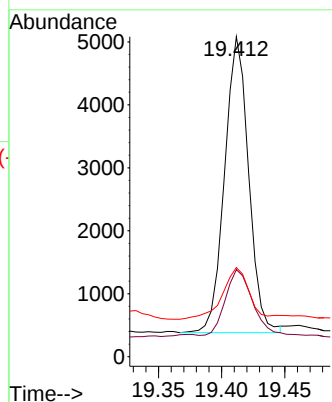
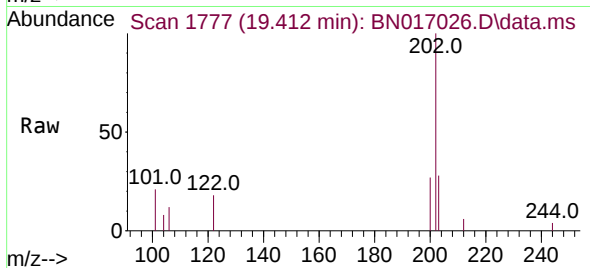




#30
Pyrene
Concen: 0.022 ng
RT: 19.412 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

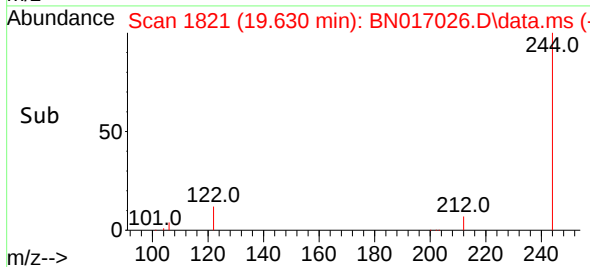
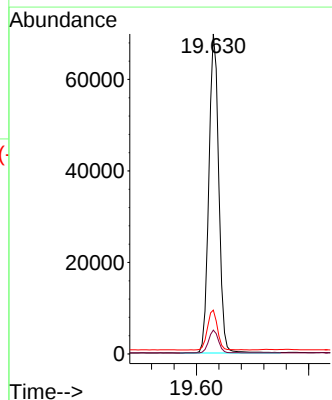
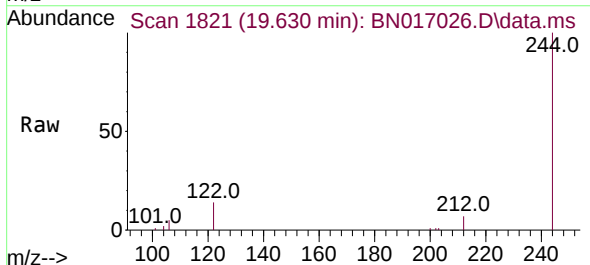
Instrument :
BNA_N
ClientSampleId :
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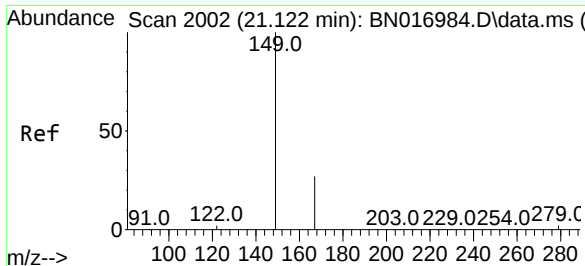
Tgt Ion:	202	Resp:	6215
Ion Ratio	Lower	Upper	
202	100		
200	27.7	16.5	24.7#
203	19.3	14.0	21.0



#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.630 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BN017026.D
Acq: 20 Oct 2021 18:40

Tgt Ion:	244	Resp:	85423
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.6	8.4
122	13.7	9.0	13.6#

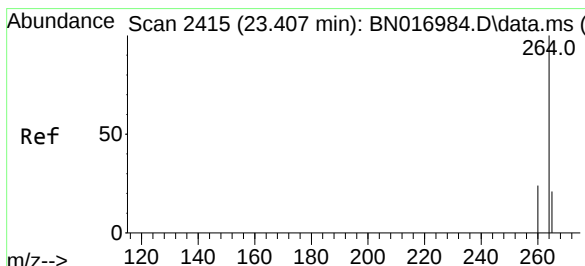
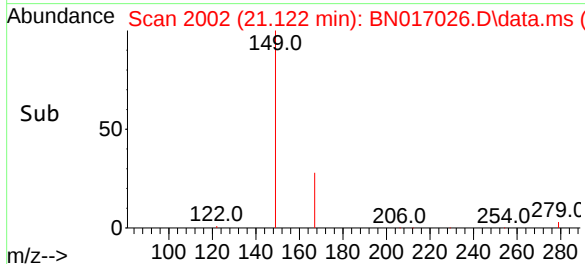
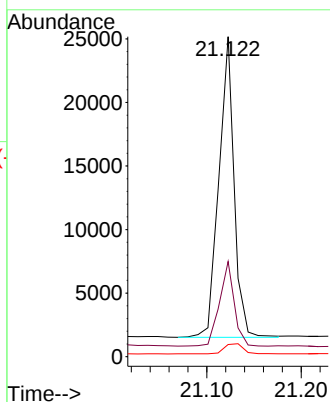
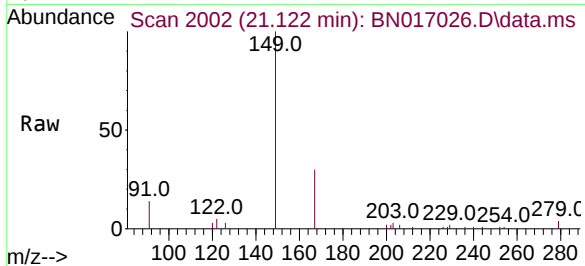




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.359 ng
 RT: 21.122 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: BN017026.D
 Acq: 20 Oct 2021 18:40

Instrument :
 BNA_N
 ClientSampleId :
 P257-DITCH

Tgt Ion:	149	Resp:	26521
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.6
279	4.3	3.4	5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.403 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BN017026.D
 Acq: 20 Oct 2021 18:40

Tgt Ion:	264	Resp:	90400
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.7	29.5
265	23.3	18.3	27.5

