

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
 Data File : BN017020.D
 Acq On : 20 Oct 2021 15:00
 Operator : CG/JU
 Sample : PB140014BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140014BL

Quant Time: Oct 20 15:30:48 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)

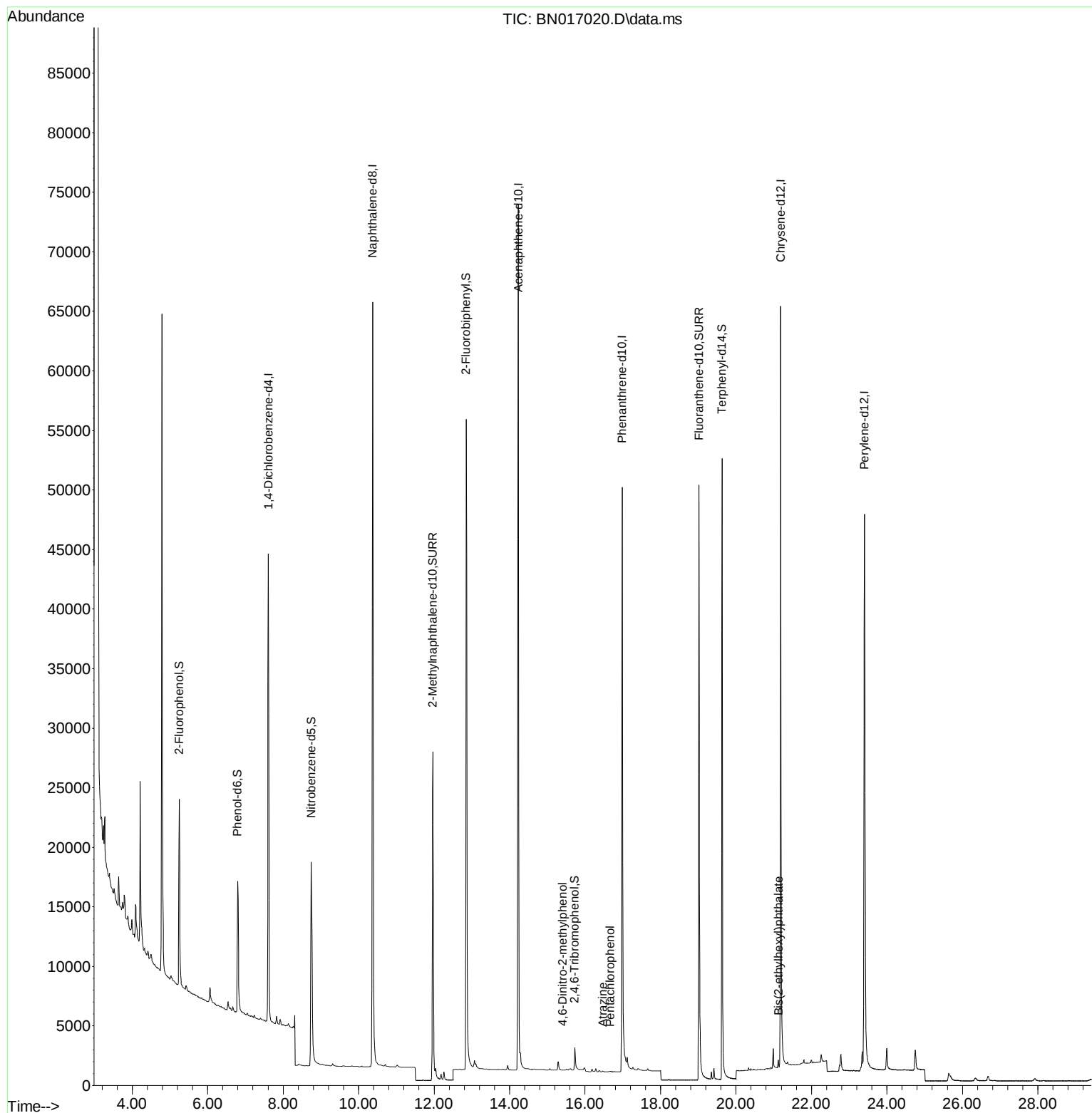
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	20346	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	90434	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	43510	0.400	ng	0.00
19) Phenanthrene-d10	16.983	188	76602	0.400	ng	0.00
29) Chrysene-d12	21.186	240	65325	0.400	ng	0.00
35) Perylene-d12	23.404	264	66993	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.247	112	13639	0.320	ng	0.04
5) Phenol-d6	6.796	99	12472	0.255	ng	0.00
8) Nitrobenzene-d5	8.748	82	16987	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	41737	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	2045	0.224	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	55363	0.339	ng	0.00
27) Fluoranthene-d10	19.020	212	63432	0.331	ng	0.00
31) Terphenyl-d14	19.630	244	55770	0.386	ng	0.00
Target Compounds						
					Qvalue	
20) 4,6-Dinitro-2-methylph...	15.412	198	5	0.178	ng	# 1
23) Atrazine	16.471	200	66	0.121	ng	# 47
24) Pentachlorophenol	16.666	266	55	0.241	ng	94
34) Bis(2-ethylhexyl)phtha...	21.123	149	528	0.212	ng	# 98

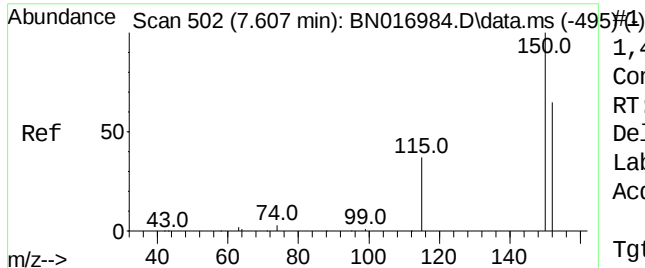
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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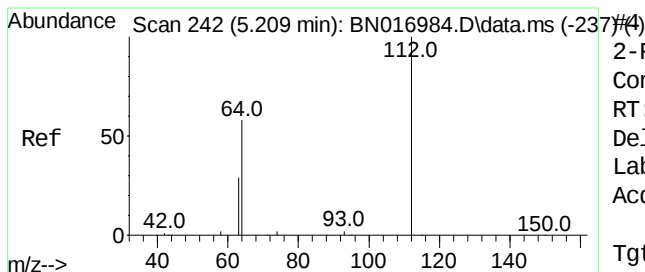
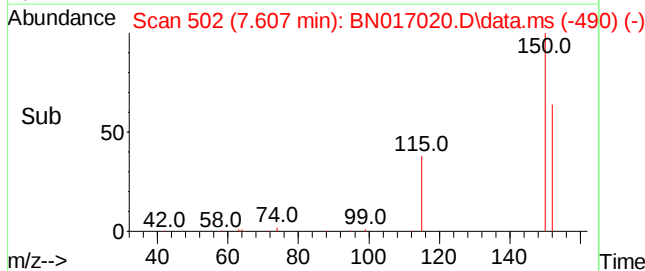
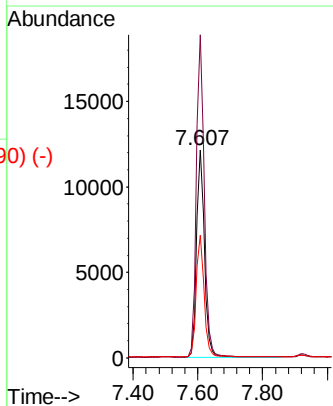
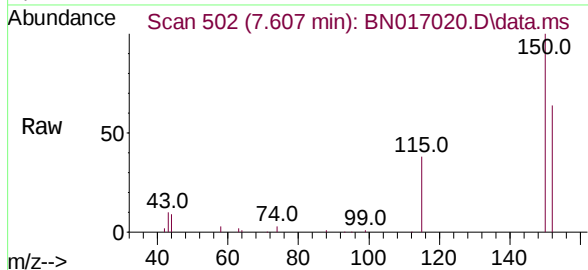




1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.607 min Scan# 502
Delta R.T. 0.009 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

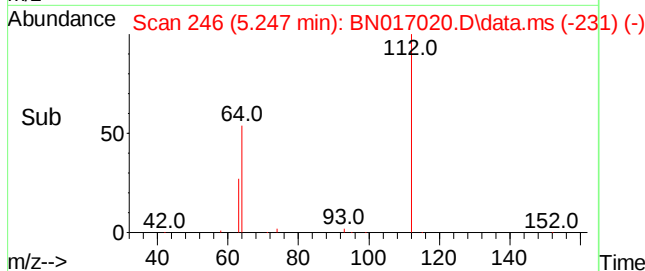
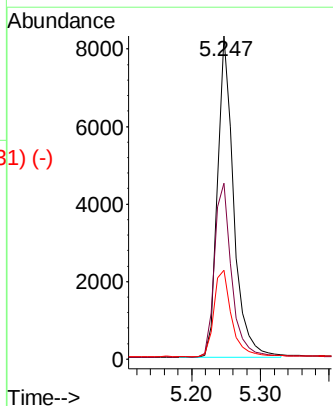
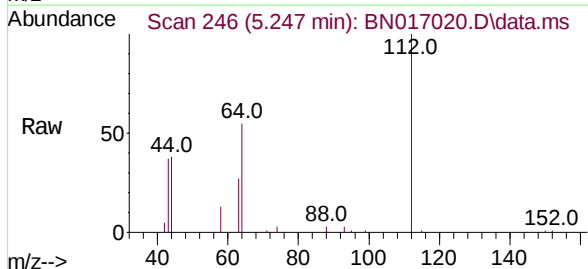
Instrument :
BNA_N
ClientSampleId :
PB140014BL

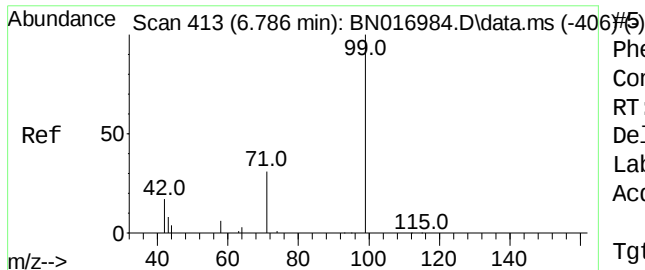
Tgt Ion:	152	Resp:	20346
Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.4
115	59.0	46.3	69.5



2-Fluorophenol
Concen: 0.320 ng
RT: 5.247 min Scan# 246
Delta R.T. 0.037 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:	112	Resp:	13639
Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.5	68.3
63	28.9	23.0	34.6

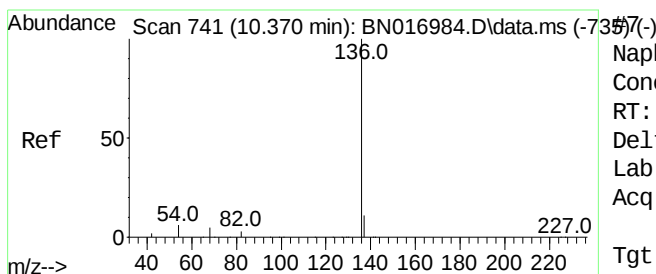
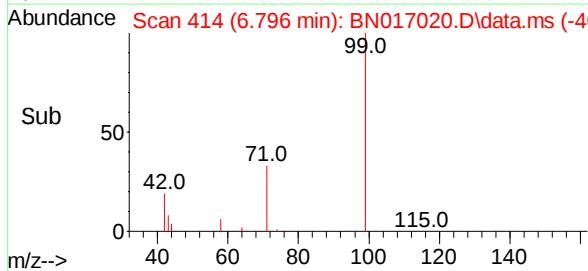
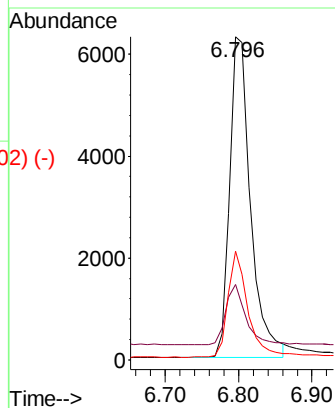
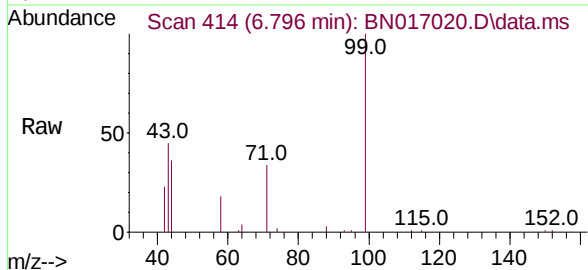




Phenol-d6
 Concen: 0.255 ng
 RT: 6.796 min Scan# 414
 Delta R.T. 0.009 min
 Lab File: BN017020.D
 Acq: 20 Oct 2021 15:00

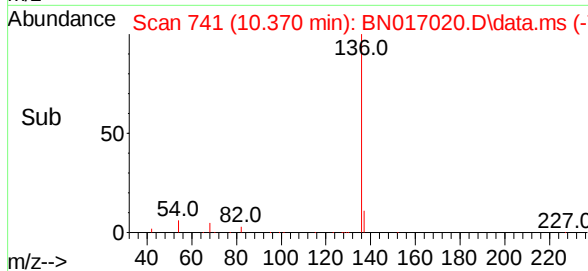
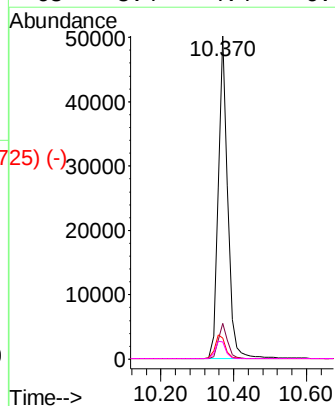
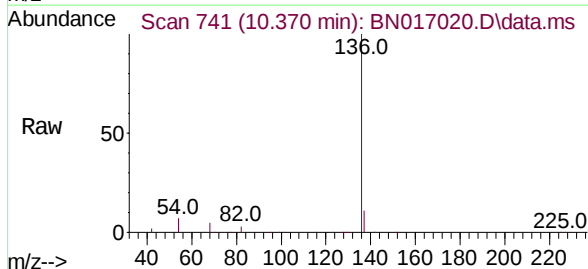
Instrument :
 BNA_N
 ClientSampleId :
 PB140014BL

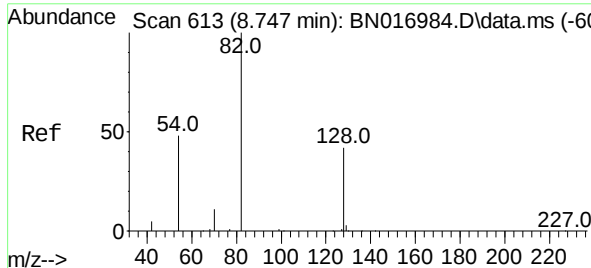
Tgt Ion:	99	Resp:	12472
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	31.2	24.8	37.2



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.370 min Scan# 741
 Delta R.T. 0.000 min
 Lab File: BN017020.D
 Acq: 20 Oct 2021 15:00

Tgt Ion:	136	Resp:	90434
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.2	7.8
68	5.4	4.4	6.6

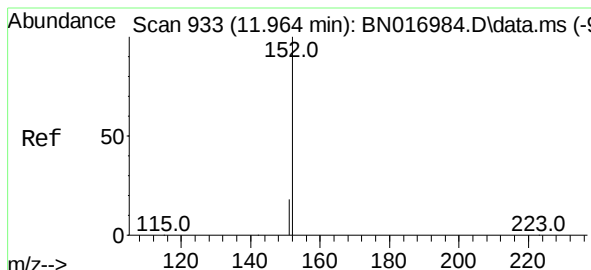
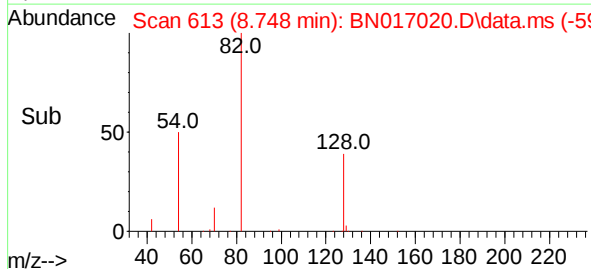
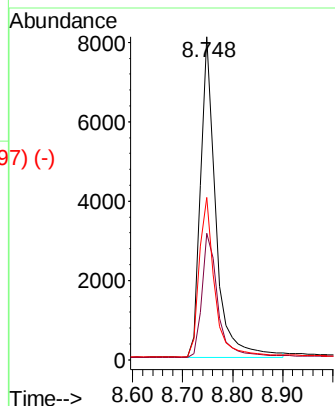
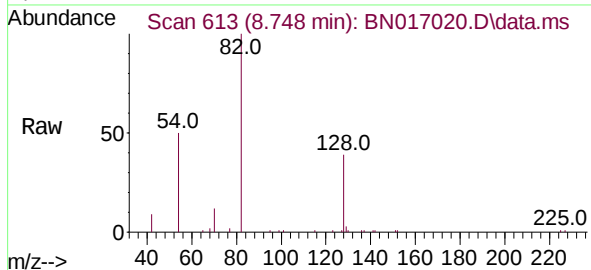




Nitrobenzene-d5
 Concen: 0.290 ng
 RT: 8.748 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN017020.D
 Acq: 20 Oct 2021 15:00

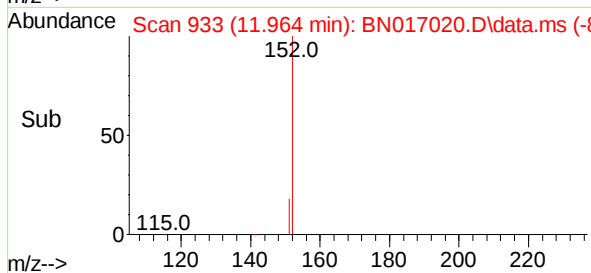
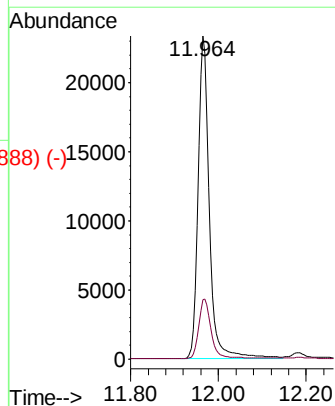
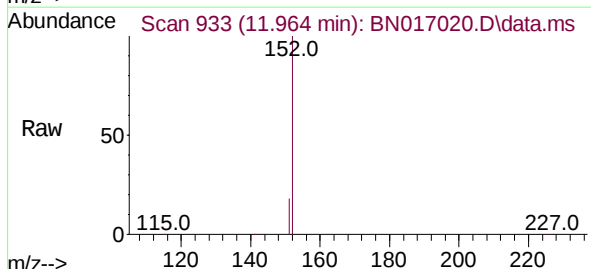
Instrument :
 BNA_N
 ClientSampleId :
 PB140014BL

Tgt Ion:	82	Resp:	16987
Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.9	50.9
54	50.4	38.3	57.5



2-Methylnaphthalene-d10
 Concen: 0.326 ng
 RT: 11.964 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: BN017020.D
 Acq: 20 Oct 2021 15:00

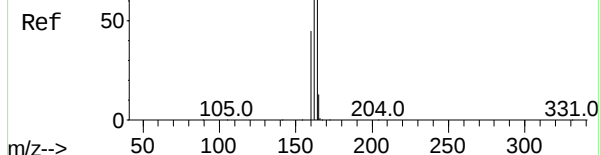
Tgt Ion:	152	Resp:	41737
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5



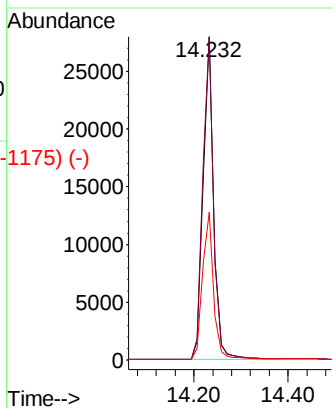
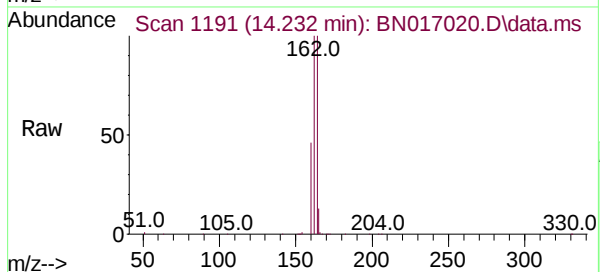
Abundance Scan 1191 (14.232 min): BN016984.D\data.ms (-1114) (-)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

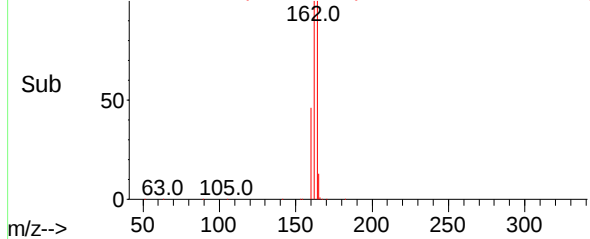
Instrument :
BNA_N
ClientSampleId :
PB140014BL



Tgt Ion:	164	Resp:	43510
Ion Ratio	Lower	Upper	
164	100		
162	100.1	80.2	120.2
160	45.7	36.0	54.0



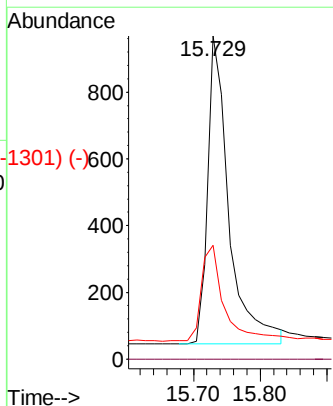
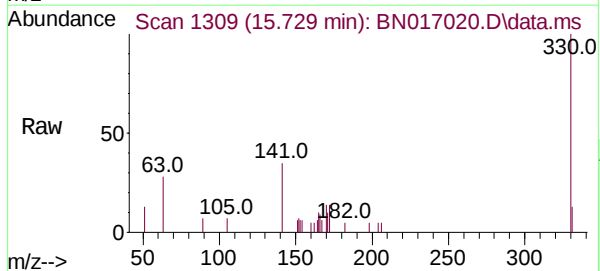
Abundance Scan 1191 (14.232 min): BN017020.D\data.ms (-1175) (-)



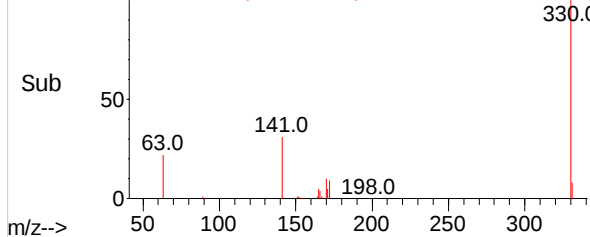
Abundance Scan 1309 (15.729 min): BN016984.D\data.ms (-1305) (-)

2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

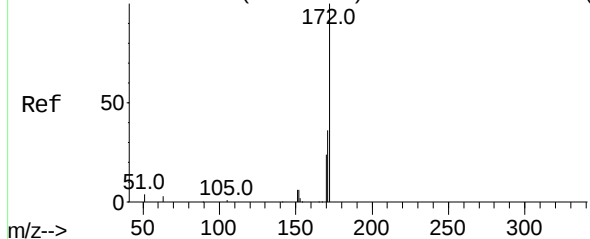
Tgt Ion:	330	Resp:	2045
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	33.3	25.6	38.4



Abundance Scan 1309 (15.729 min): BN017020.D\data.ms (-1301) (-)



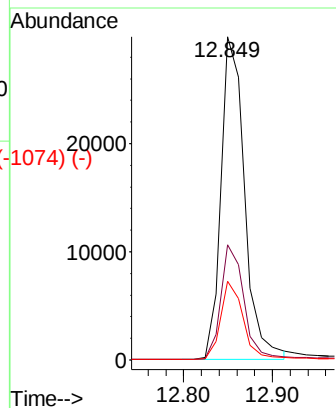
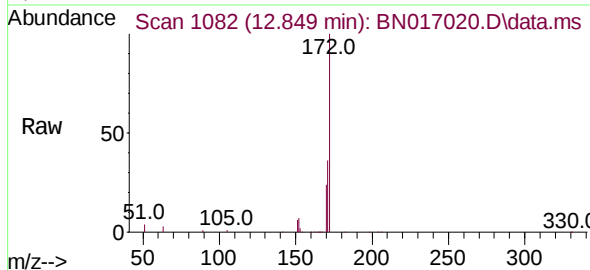
Abundance Scan 1082 (12.849 min): BN016984.D\data.ms (-1074) (-)



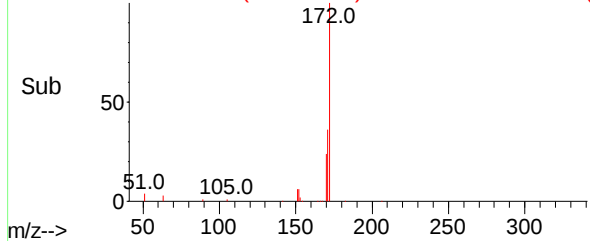
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Instrument :
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ClientSampleId :
PB140014BL

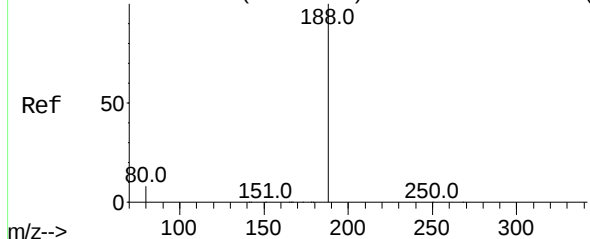
Tgt Ion:	172	Resp:	55363
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	24.4	19.6	29.4



Abundance Scan 1082 (12.849 min): BN017020.D\data.ms (-1074) (-)

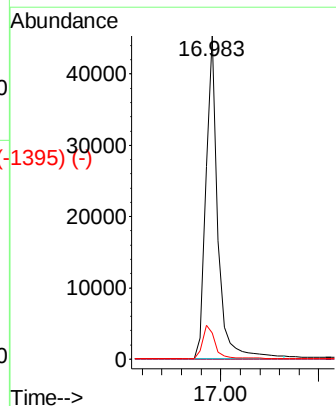
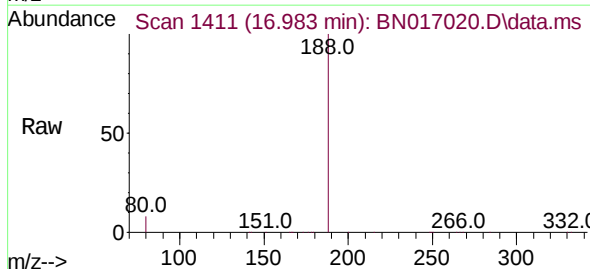


Abundance Scan 1411 (16.982 min): BN016984.D\data.ms (-1395) (-)

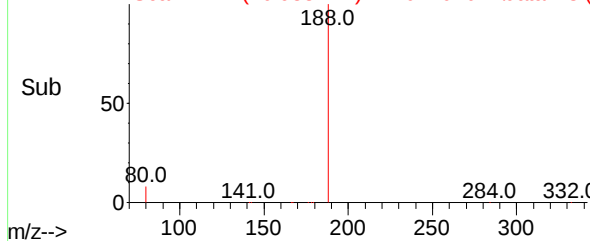


Phenanthrene-d10
Concen: 0.400 ng
RT: 16.983 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:	188	Resp:	76602
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.2	9.4



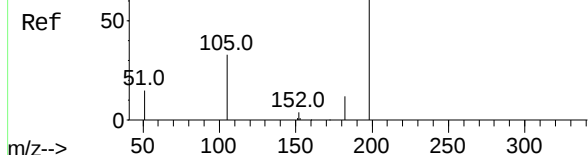
Abundance Scan 1411 (16.983 min): BN017020.D\data.ms (-1395) (-)



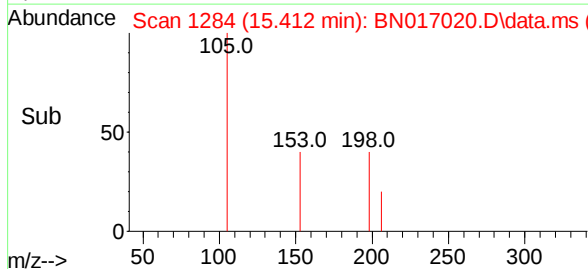
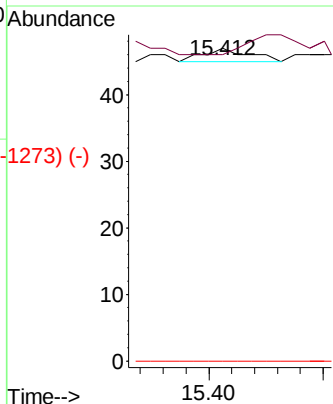
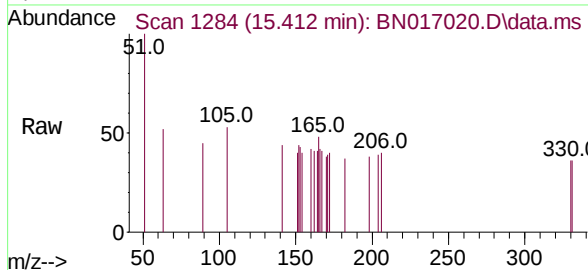
Abundance Scan 1281 (15.374 min): BN016984.D\data.ms (-1270) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.412 min Scan# 1284
Delta R.T. 0.038 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

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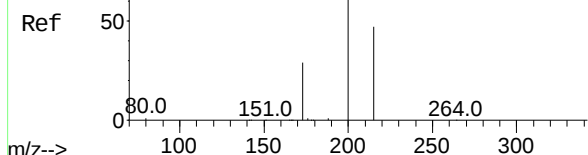


Tgt Ion:	198	Resp:	5
Ion Ratio	Lower	Upper	
198	100		
182	97.9	12.5	18.7#
77	0.0	0.0	0.0

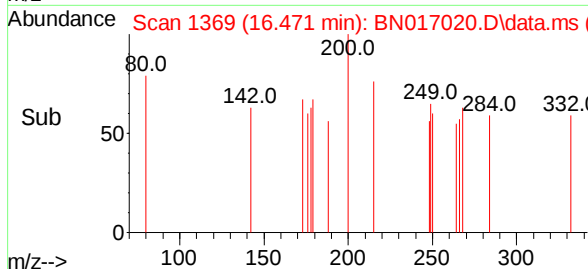
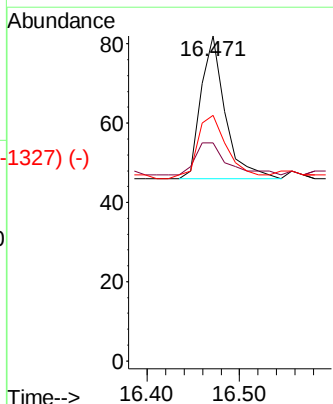
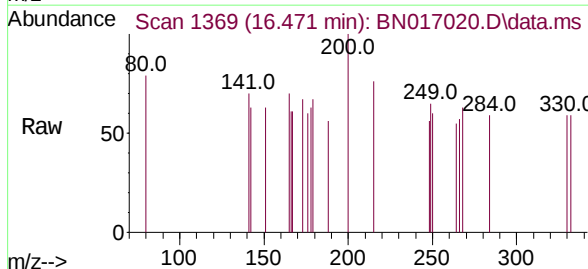


Abundance Scan 1368 (16.459 min): BN016984.D\data.ms (-1324) (-)

Atrazine
Concen: 0.121 ng
RT: 16.471 min Scan# 1369
Delta R.T. 0.012 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00



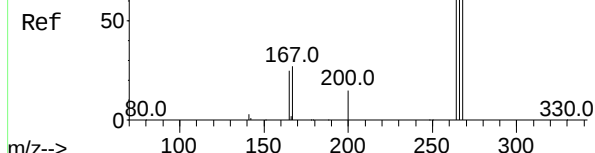
Tgt Ion:	200	Resp:	66
Ion Ratio	Lower	Upper	
200	100		
173	67.1	23.5	35.3#
215	75.6	37.9	56.9#



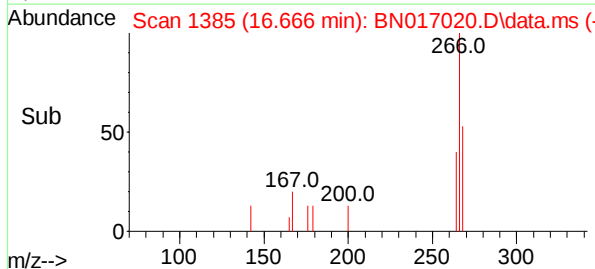
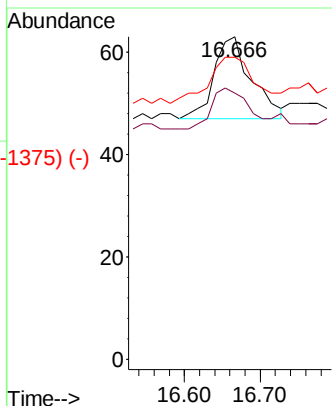
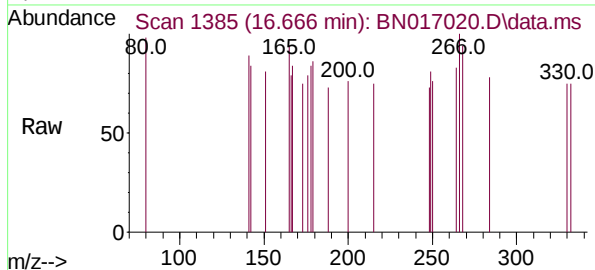
Abundance Scan 1383 (16.641 min): BN016984.D\data.ms (-1374) (-)

Pentachlorophenol
Concen: 0.241 ng
RT: 16.666 min Scan# 1385
Delta R.T. 0.024 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Instrument :
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PB140014BL

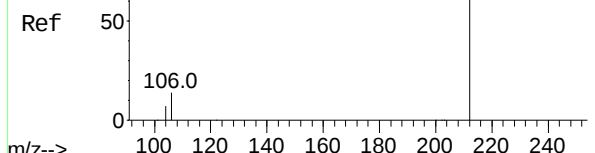


Tgt Ion:	266	Resp:	55
Ion	Ratio	Lower	Upper
266	100		
264	56.4	50.0	75.0
268	67.3	50.9	76.3

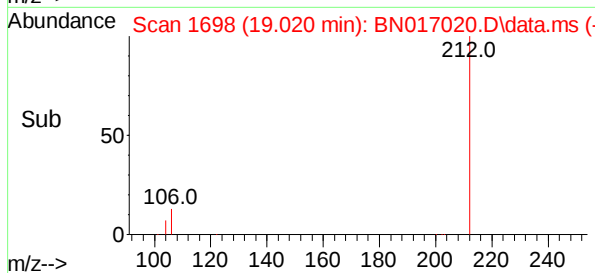
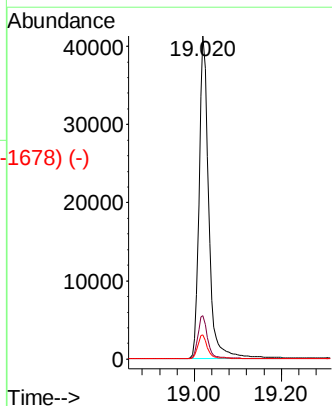
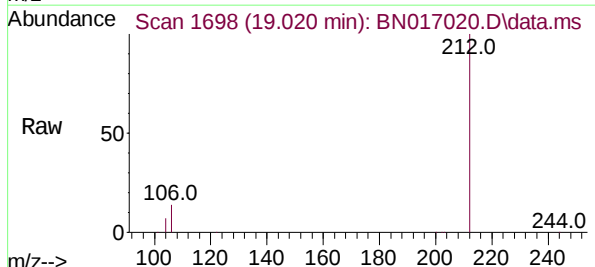


Abundance Scan 1698 (19.019 min): BN016984.D\data.ms (-1625) (-)

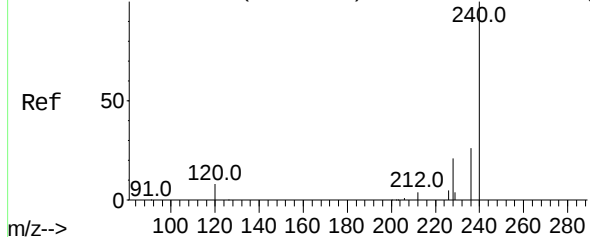
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00



Tgt Ion:	212	Resp:	63432
Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.0	16.4
104	7.5	6.0	9.0



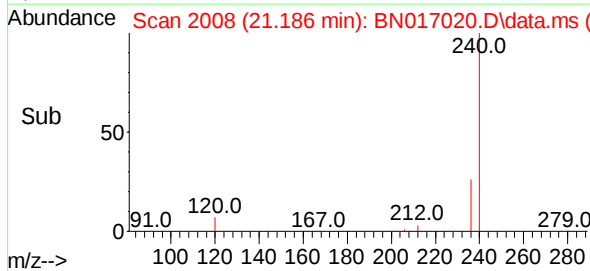
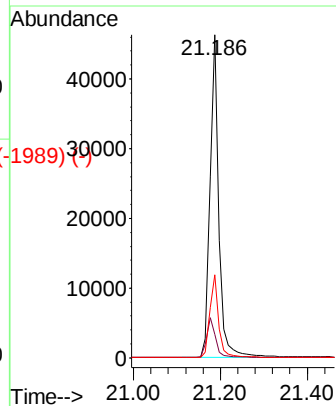
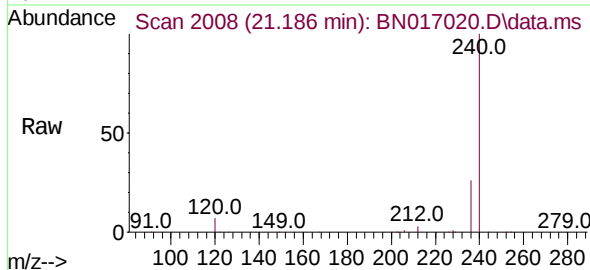
Abundance Scan 2008 (21.186 min): BN016984.D\data.ms (-1989) (-)



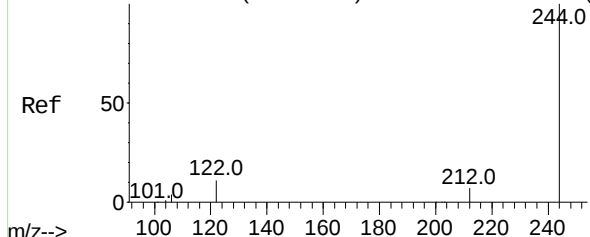
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Instrument :
BNA_N
ClientSampleId :
PB140014BL

Tgt Ion:	240	Resp:	65325
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.4	9.6
236	25.7	20.6	31.0

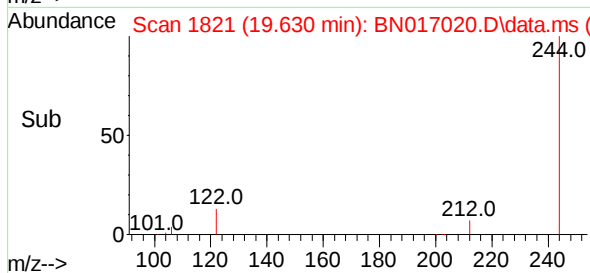
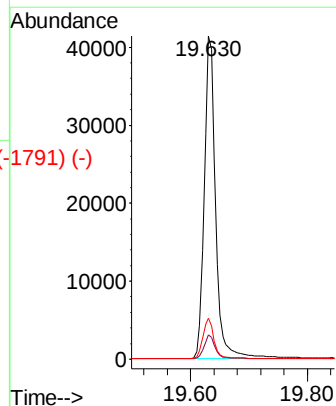
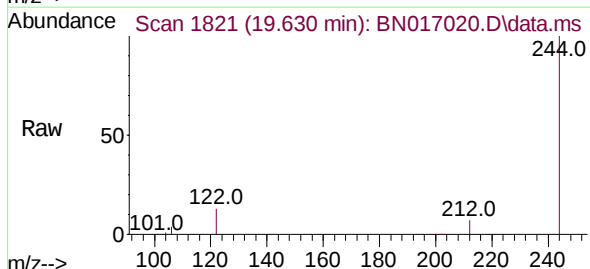


Abundance Scan 1822 (19.635 min): BN016984.D\data.ms (-1791) (-)



Terphenyl-d14
Concen: 0.386 ng
RT: 19.630 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

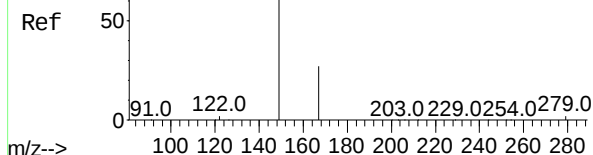
Tgt Ion:	244	Resp:	55770
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.6	8.4
122	12.7	9.0	13.6



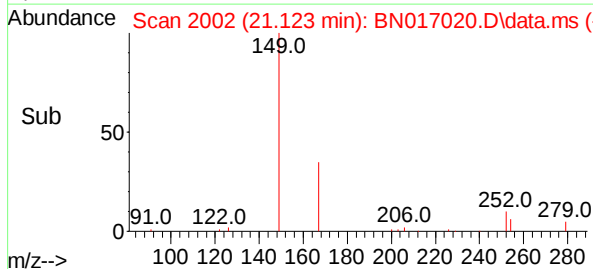
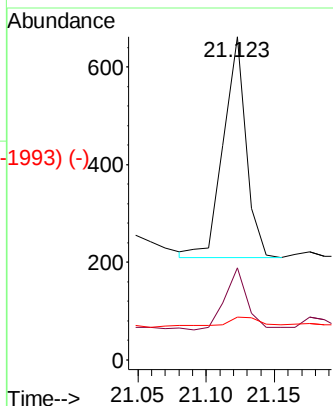
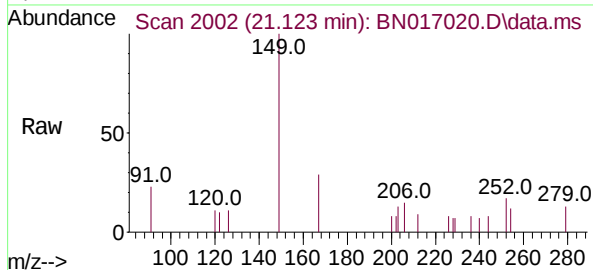
Abundance Scan 2002 (21.122 min): BN016984.D\data.ms (-1993) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.212 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Instrument :
BNA_N
ClientSampleId :
PB140014BL

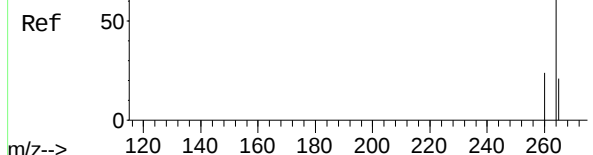


Tgt Ion:	149	Resp:	528
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	8.1	3.4	5.0#



Abundance Scan 2415 (23.407 min): BN016984.D\data.ms (-2395) (-)

Perylene-d12
Concen: 0.400 ng
RT: 23.404 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00



Tgt Ion:	264	Resp:	66993
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.9	18.3	27.5

