

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
 Data File : BN016263.D
 Acq On : 09 Sep 2021 18:11
 Operator : CG/JU
 Sample : M3604-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

Quant Time: Sep 09 18:42:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 09 15:19:08 2021
 Response via : Initial Calibration

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

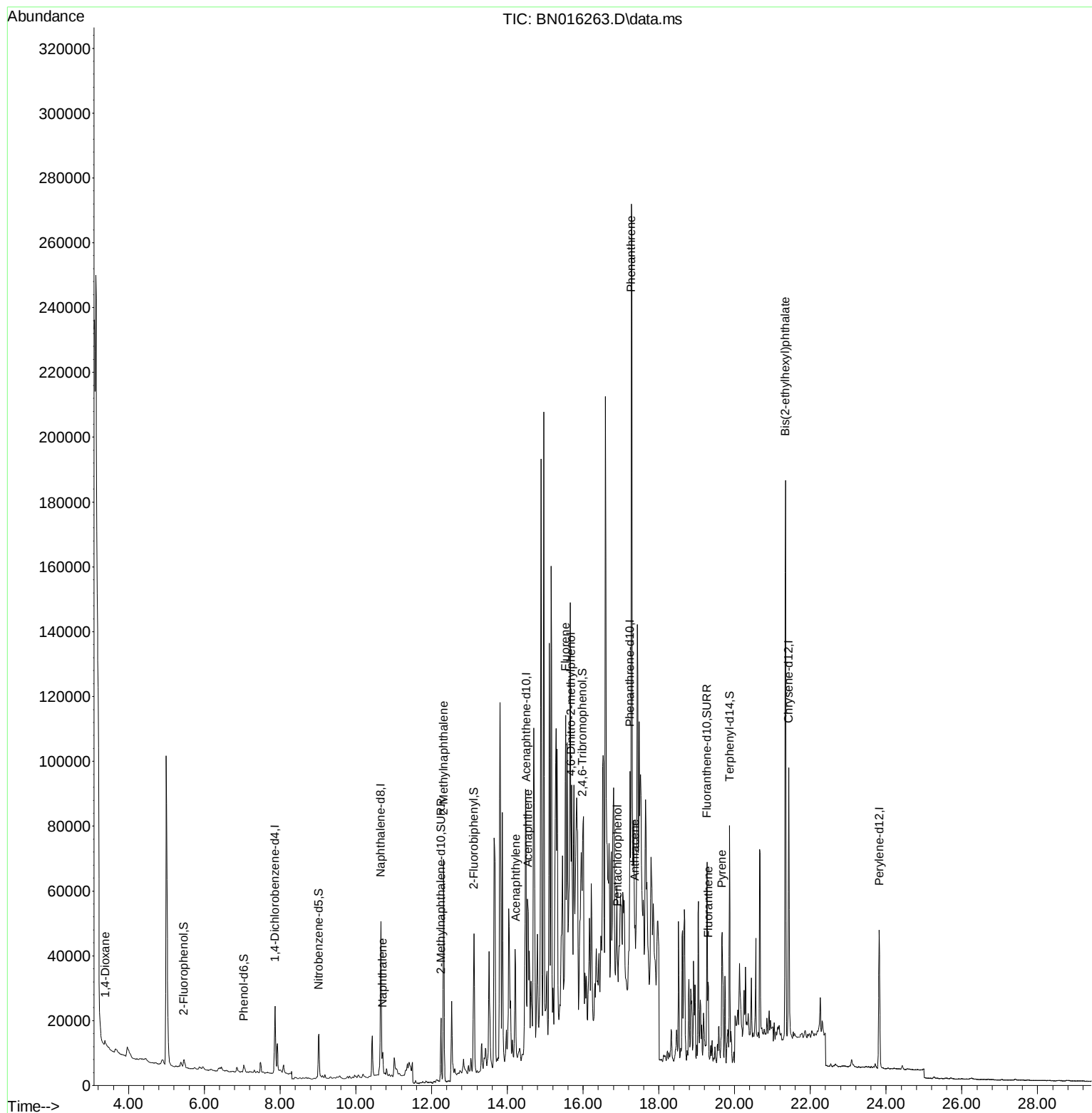
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	13167	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	67899	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	40384	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	76934	0.400	ng	# 0.00
29) Chrysene-d12	21.429	240	78144	0.400	ng	# 0.00
35) Perylene-d12	23.816	264	61279	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	3595	0.107	ng	0.00
5) Phenol-d6	7.043	99	2584	0.061	ng	0.00
8) Nitrobenzene-d5	9.025	82	13447	0.246	ng	0.01
11) 2-Methylnaphthalene-d10	12.247	152	27496	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.981	330	4769	0.288	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	39361	0.249	ng	0.00
27) Fluoranthene-d10	19.271	212	71680	0.317	ng	0.00
31) Terphenyl-d14	19.867	244	70373	0.359	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	1296	0.277	ng	89
9) Naphthalene	10.711	128	10132	0.056	ng	# 94
12) 2-Methylnaphthalene	12.318	142	51466	0.421	ng	99
16) Acenaphthylene	14.218	152	6726	0.037	ng	# 1
17) Acenaphthene	14.548	154	9242	0.079	ng	# 46
18) Fluorene	15.537	166	42192	0.291	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.677	198	627	0.397	ng	# 1
24) Pentachlorophenol	16.908	266	283	0.152	ng	# 50
25) Phenanthrene	17.273	178	298593	1.337	ng	# 92
26) Anthracene	17.370	178	12410	0.060	ng	# 80
28) Fluoranthene	19.301	202	21376	0.082	ng	# 86
30) Pyrene	19.668	202	50829	0.192	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.344	149	179295	1.196	ng	99

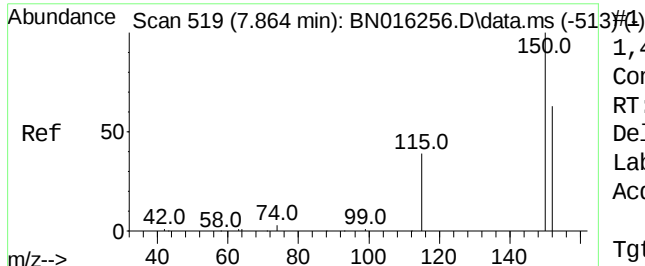
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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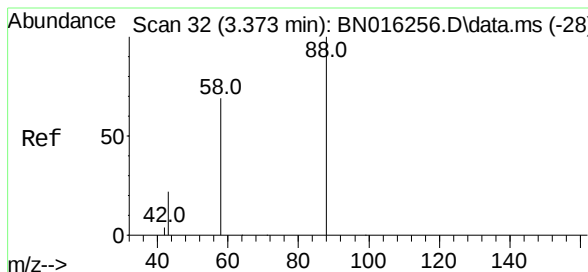
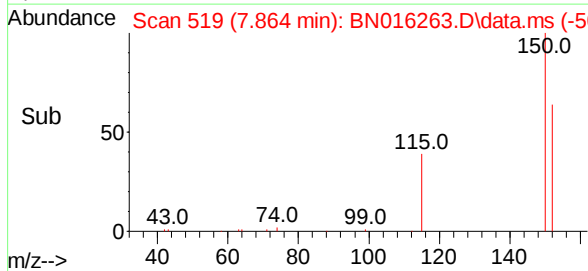
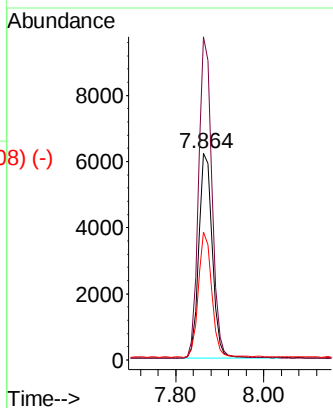
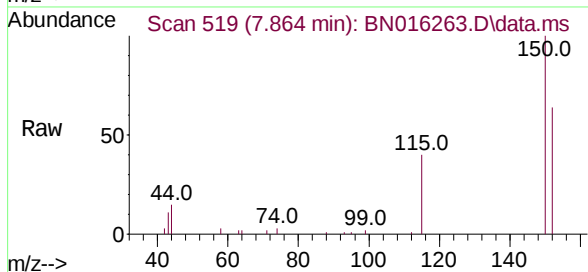




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.864 min Scan# 519
 Delta R.T. -0.000 min
 Lab File: BN016263.D
 Acq: 09 Sep 2021 18:11

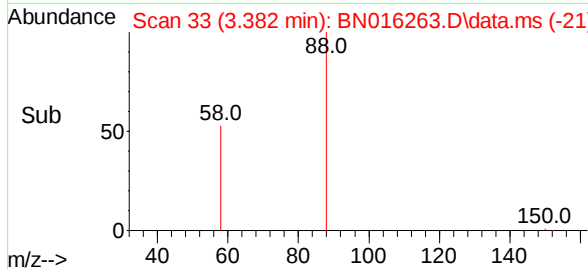
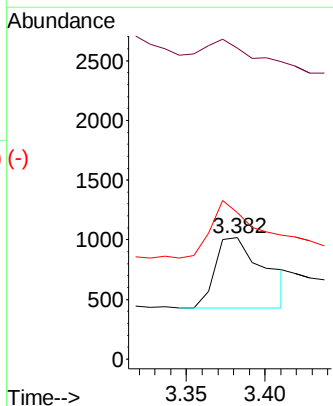
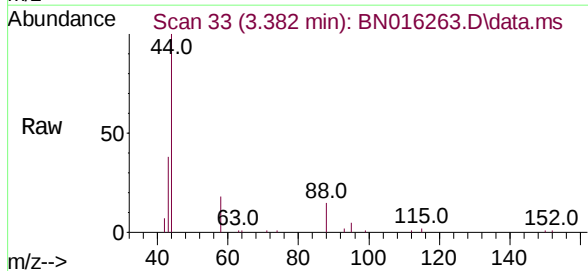
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

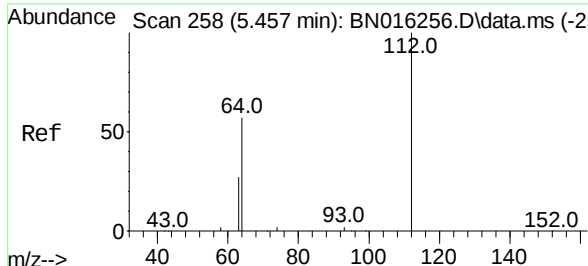
Tgt Ion:	152	Resp:	13167
Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.6	188.4
115	61.9	50.2	75.2



1,4-Dioxane
 Concen: 0.277 ng
 RT: 3.382 min Scan# 33
 Delta R.T. 0.009 min
 Lab File: BN016263.D
 Acq: 09 Sep 2021 18:11

Tgt Ion:	88	Resp:	1296
Ion	Ratio	Lower	Upper
88	100		
43	23.5	20.3	30.5
58	75.2	69.9	104.9

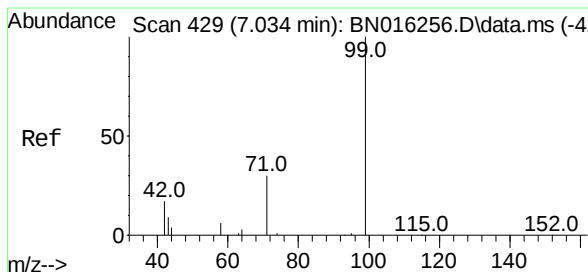
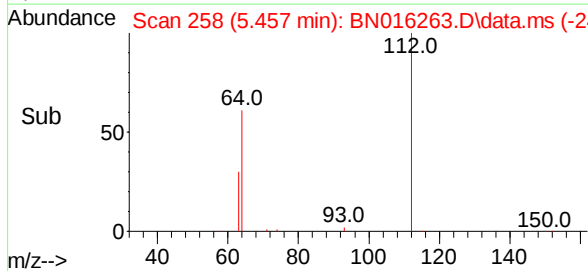
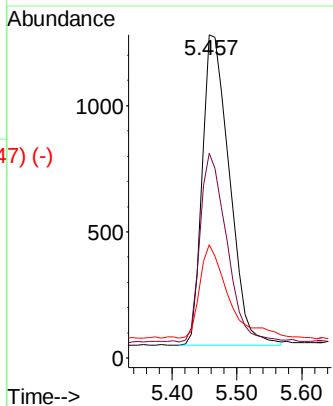
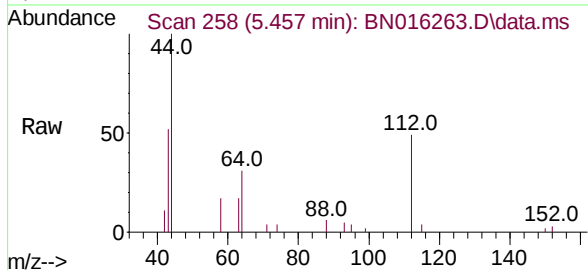




2-Fluorophenol
 Concen: 0.107 ng
 RT: 5.457 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: BN016263.D
 Acq: 09 Sep 2021 18:11

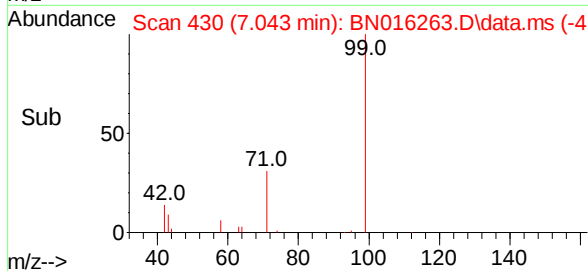
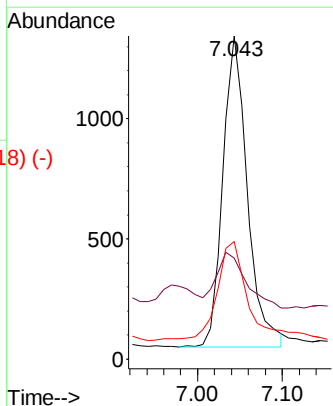
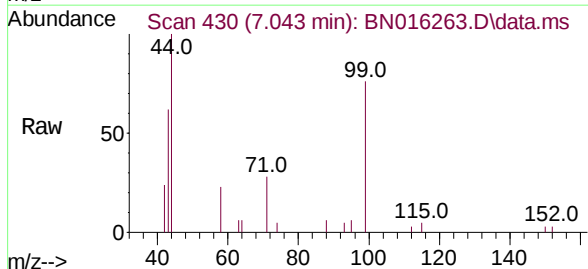
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L41-083021

Tgt Ion:	112	Resp:	3595
Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.3	70.9
63	31.1	23.4	35.0



Phenol-d6
 Concen: 0.061 ng
 RT: 7.043 min Scan# 430
 Delta R.T. 0.009 min
 Lab File: BN016263.D
 Acq: 09 Sep 2021 18:11

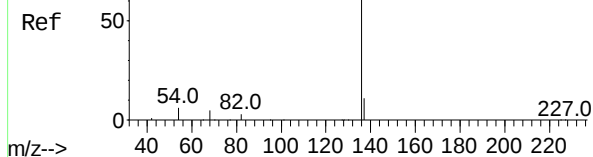
Tgt Ion:	99	Resp:	2584
Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.0	21.0#
71	38.2	23.8	35.6#



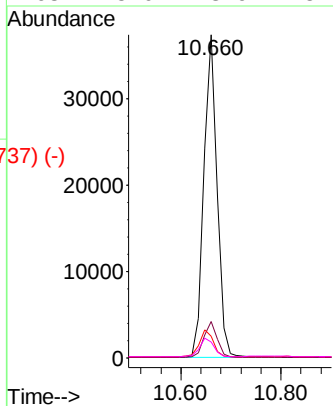
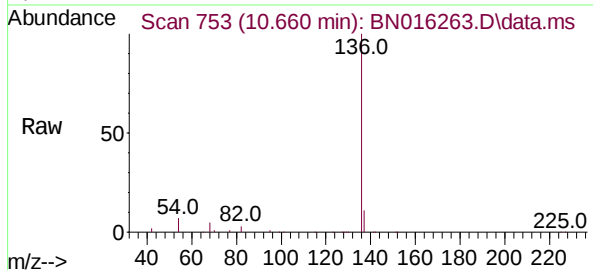
Abundance Scan 753 (10.660 min): BN016256.D\data.ms (-7457-)

Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

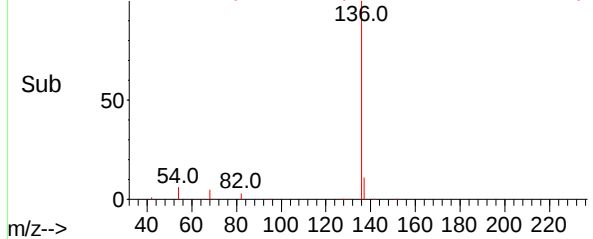
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.3	7.9
68	5.0	3.9	5.9



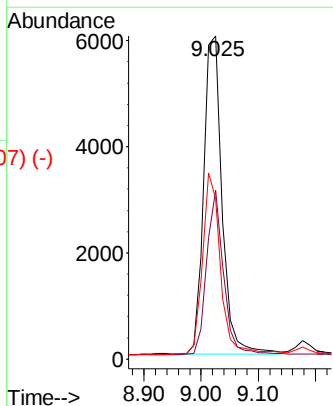
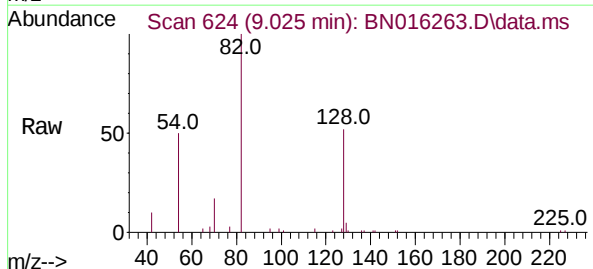
Abundance Scan 753 (10.660 min): BN016263.D\data.ms (-737-)



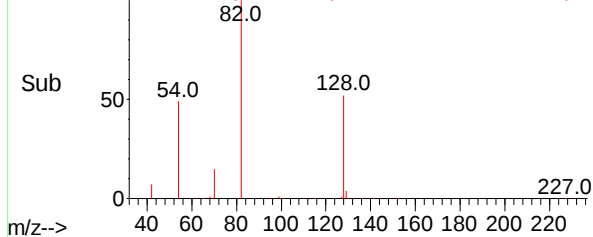
Abundance Scan 623 (9.013 min): BN016256.D\data.ms (-62078)

Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.013 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

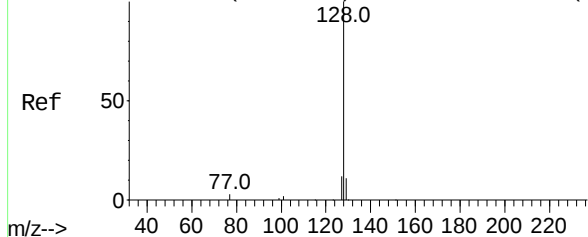
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.3	31.7	47.5#
54	49.7	46.4	69.6



Abundance Scan 624 (9.025 min): BN016263.D\data.ms (-607-)



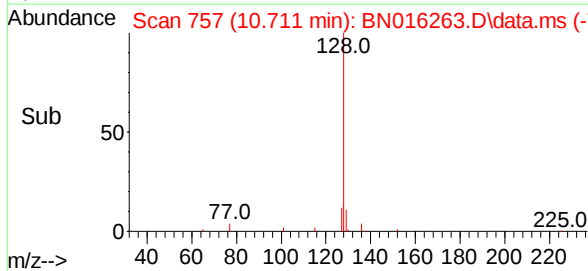
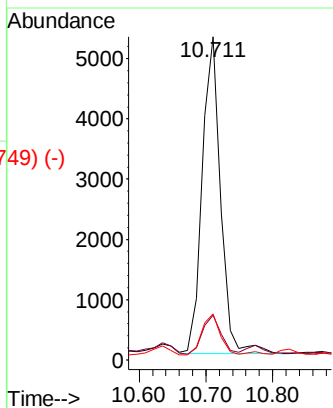
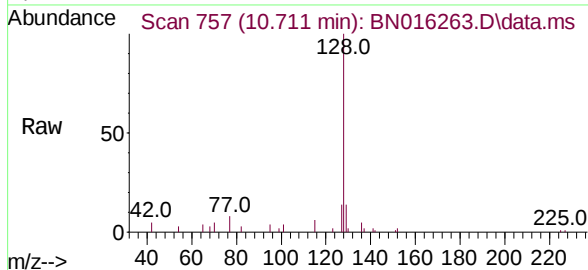
Abundance Scan 757 (10.711 min): BN016256.D\data.ms (-757) (-)



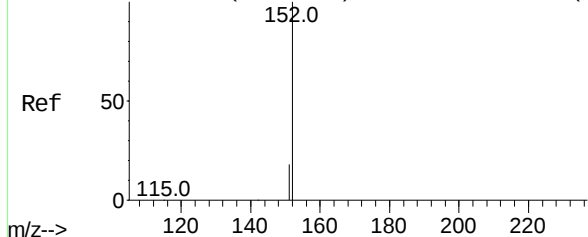
Naphthalene
Concen: 0.056 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

Tgt Ion:	128	Resp:	10132
Ion Ratio	Lower	Upper	
128	100		
129	13.9	8.9	13.3#
127	14.3	10.1	15.1

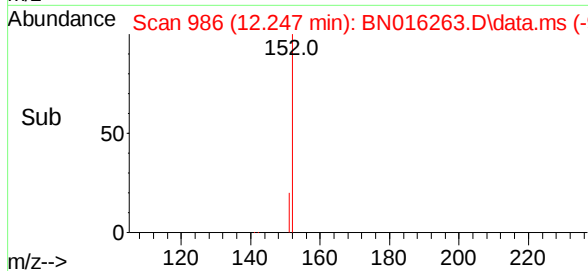
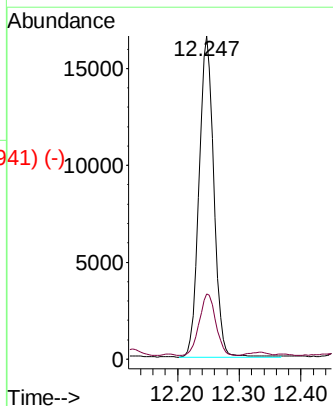
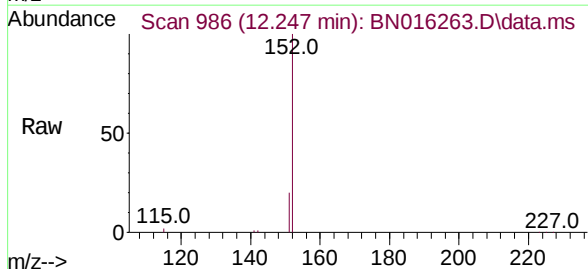


Abundance Scan 986 (12.247 min): BN016256.D\data.ms (-975) (-)

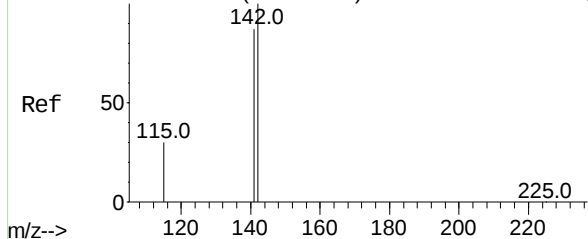


2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	152	Resp:	27496
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.1	24.1



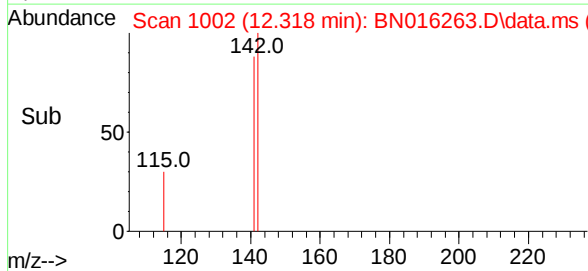
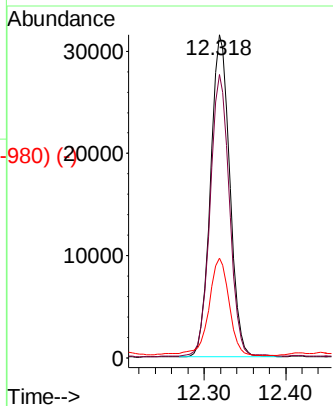
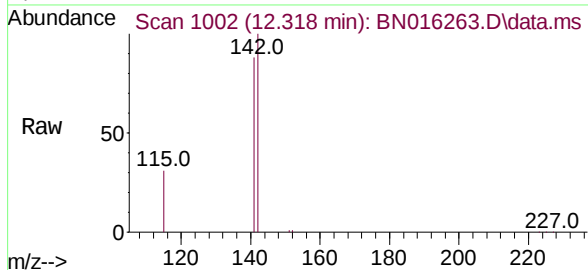
Abundance Scan 1002 (12.318 min): BN016256.D\data.ms (-9212)



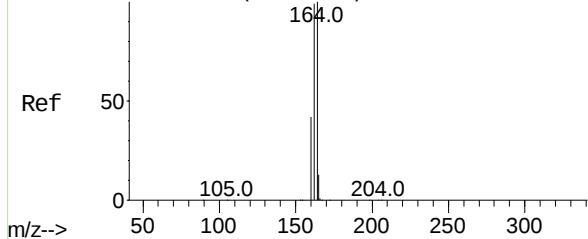
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
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ClientSampleId :
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Tgt Ion:	142	Resp:	51466
Ion Ratio	Lower	Upper	
142	100		
141	87.8	69.8	104.8
115	30.9	24.4	36.6

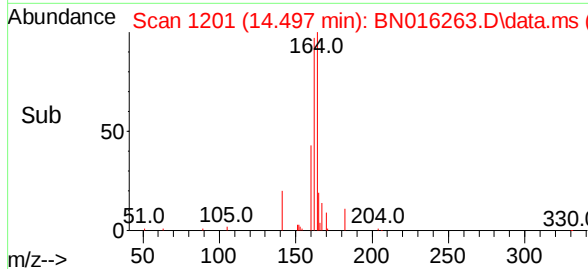
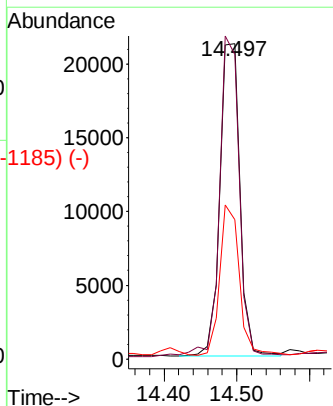
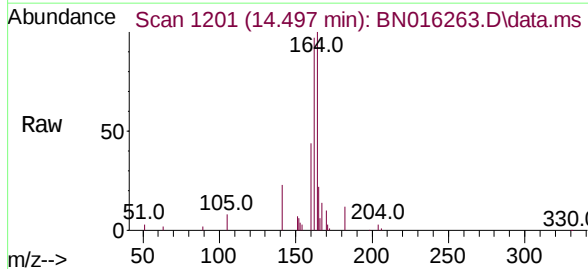


Abundance Scan 1201 (14.497 min): BN016256.D\data.ms (-1196)



Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

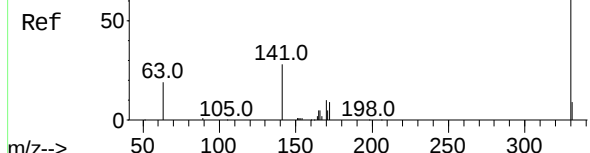
Tgt Ion:	164	Resp:	40384
Ion Ratio	Lower	Upper	
164	100		
162	96.6	79.0	118.4
160	44.2	34.1	51.1



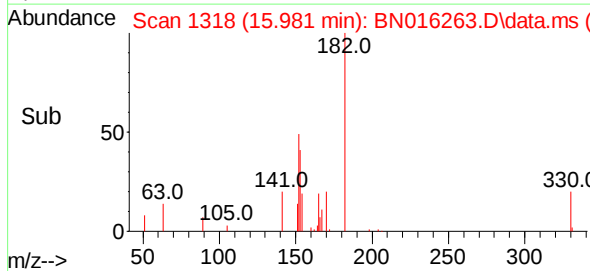
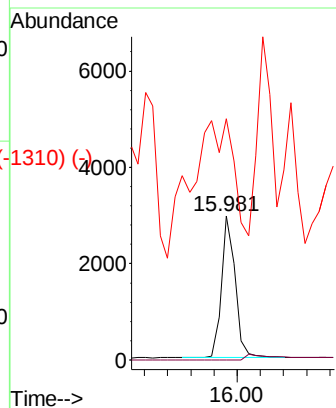
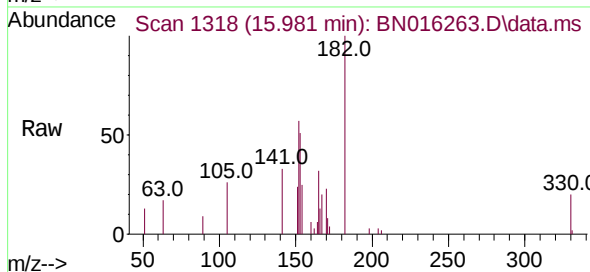
Abundance Scan 1318 (15.982 min): BN016256.D\data.ms (-1314) (-)

2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.981 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016263.D
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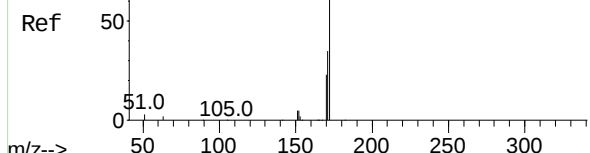


Tgt Ion:	330	Resp:	4769
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	185.9	25.0	37.4#

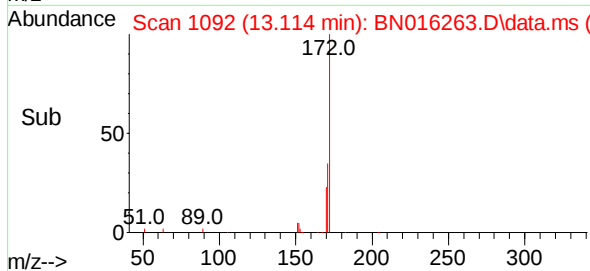
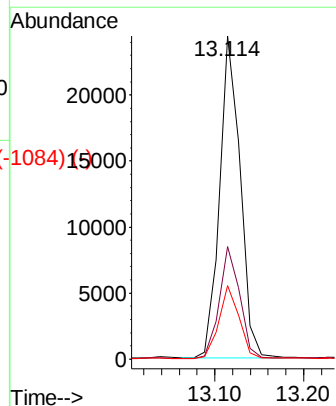
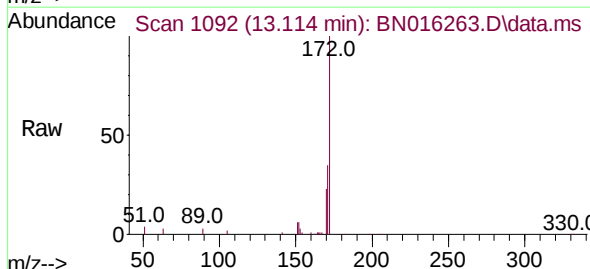


Abundance Scan 1092 (13.114 min): BN016256.D\data.ms (-1085) (-)

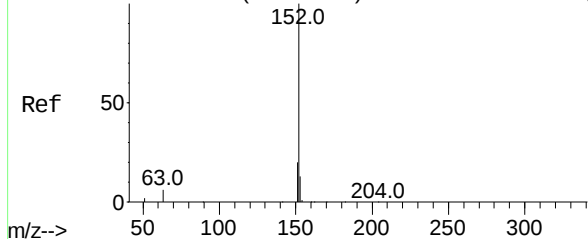
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11



Tgt Ion:	172	Resp:	39361
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.6
170	22.7	18.2	27.2



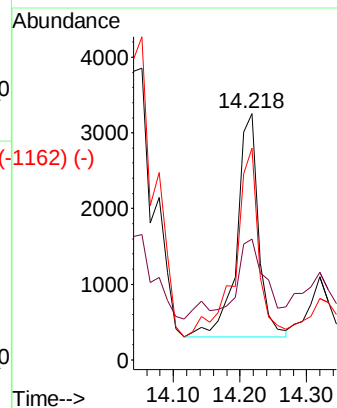
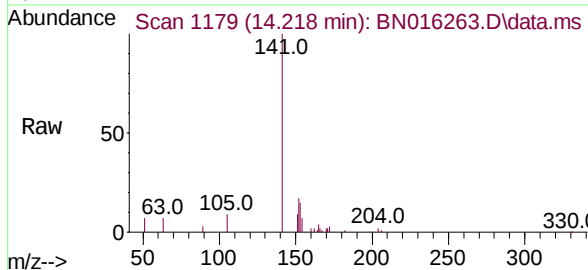
Abundance Scan 1178 (14.205 min): BN016256.D\data.ms (-1178) (-)



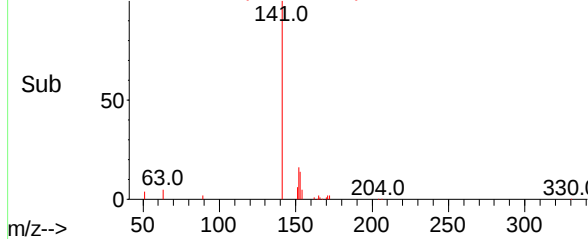
Acenaphthylene
Concen: 0.037 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.013 min
Lab File: BN016263.D
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Instrument :
BNA_N
ClientSampleId :
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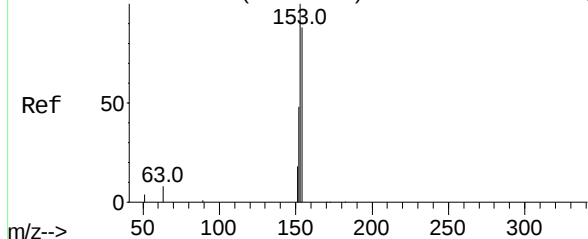
Tgt Ion:	152	Resp:	6726
Ion Ratio	Lower	Upper	
152	100		
151	39.6	15.2	22.8#
153	91.9	10.5	15.7#



Abundance Scan 1179 (14.218 min): BN016263.D\data.ms (-1162) (-)

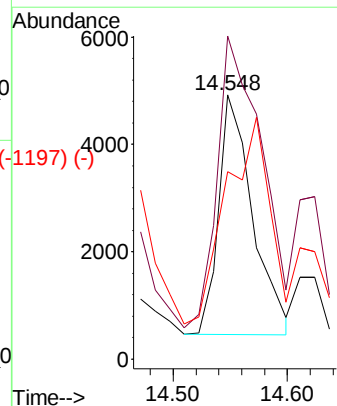
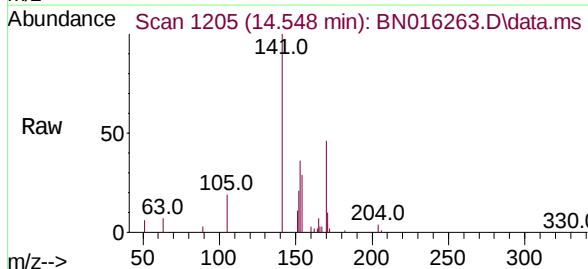


Abundance Scan 1205 (14.548 min): BN016256.D\data.ms (-1205) (-)

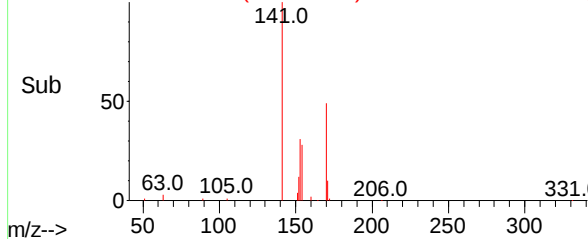


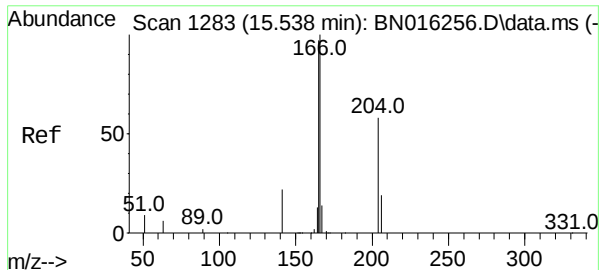
Acenaphthene
Concen: 0.079 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	154	Resp:	9242
Ion Ratio	Lower	Upper	
154	100		
153	158.8	89.3	133.9#
152	0.0	42.2	63.4#



Abundance Scan 1205 (14.548 min): BN016263.D\data.ms (-1197) (-)

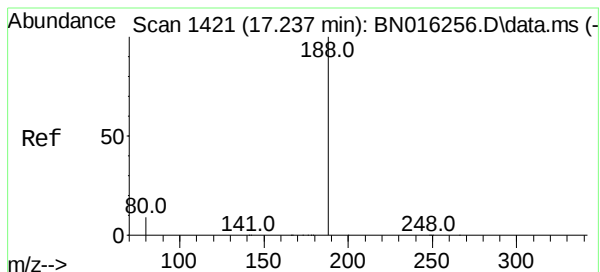
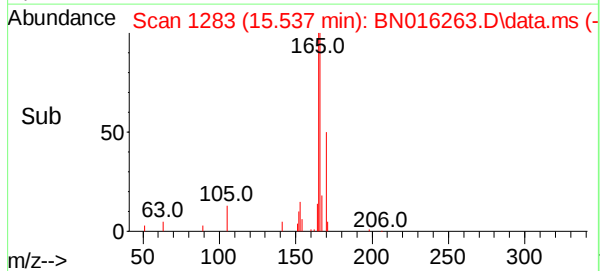
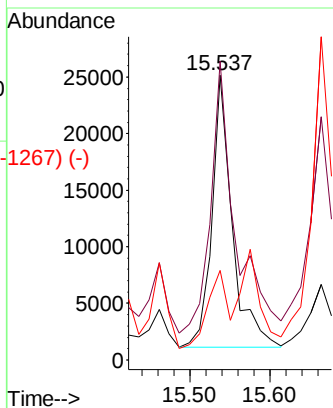
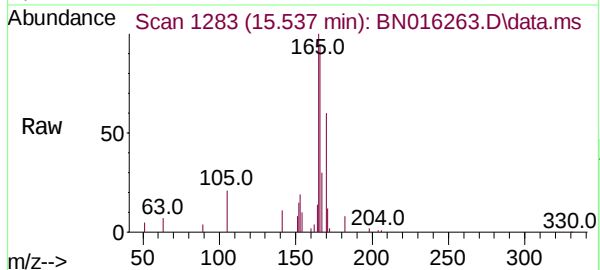




Fluorene
Concen: 0.291 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

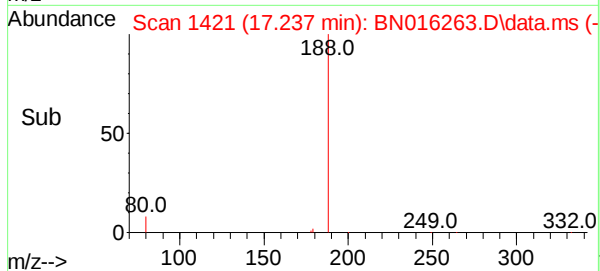
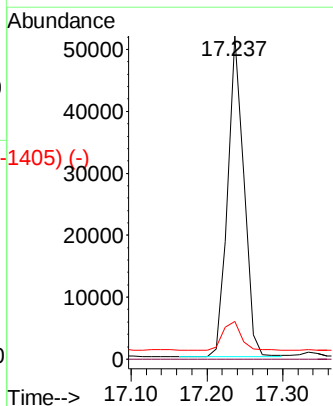
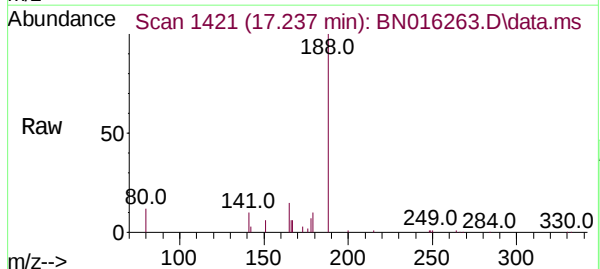
Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

Tgt Ion:	166	Resp:	42192
Ion Ratio	Lower	Upper	
166	100		
165	121.5	76.7	115.1#
167	28.1	10.9	16.3#

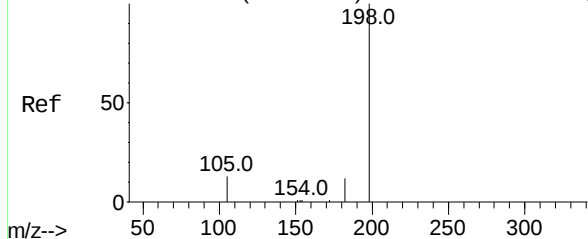


Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	188	Resp:	76934
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	7.0	10.6#



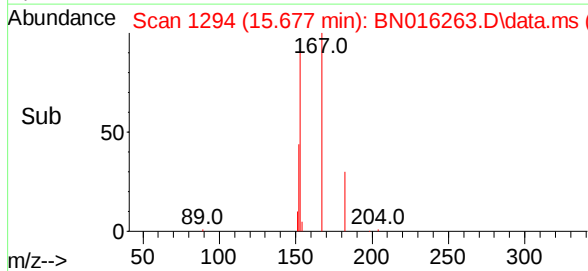
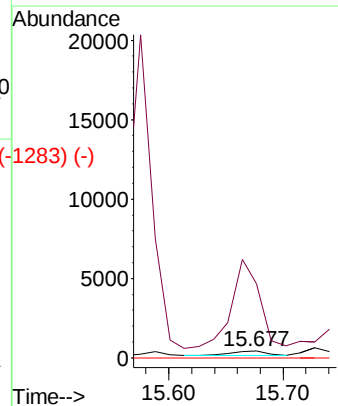
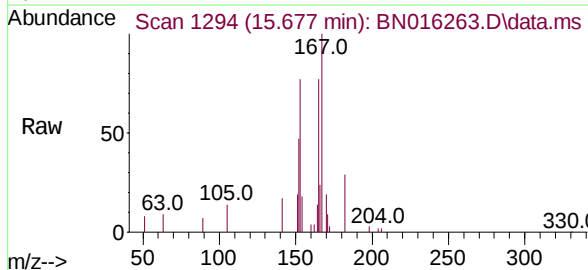
Abundance Scan 1291 (15.639 min): BN016256.D\data.ms (-1280) (-)



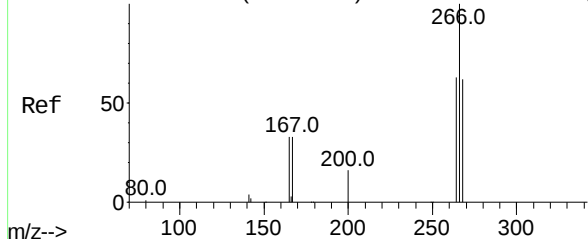
4,6-Dinitro-2-methylphenol
Concen: 0.397 ng
RT: 15.677 min Scan# 1294
Delta R.T. 0.038 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

Tgt Ion:198 Resp: 627
Ion Ratio Lower Upper
198 100
182 1053.5 26.6 39.8#
77 0.0 0.0 0.0

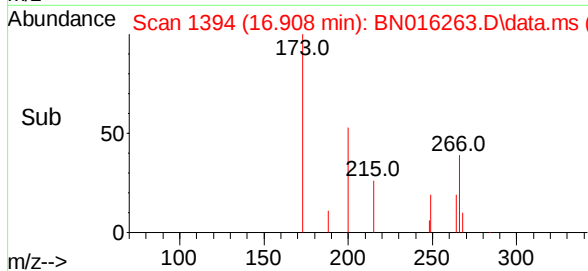
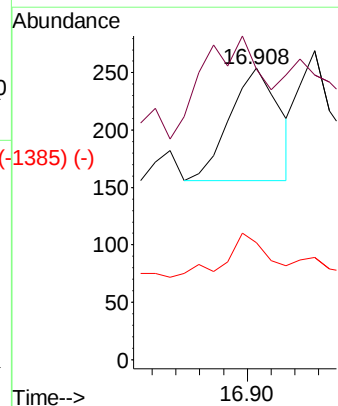
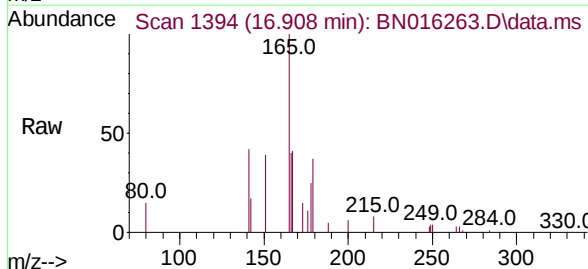


Abundance Scan 1393 (16.896 min): BN016256.D\data.ms (-1324) (-)



Pentachlorophenol
Concen: 0.152 ng
RT: 16.908 min Scan# 1394
Delta R.T. 0.012 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

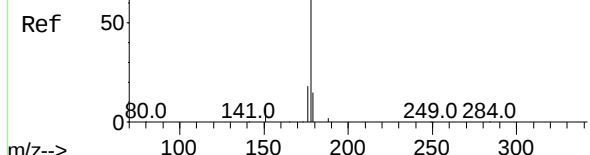
Tgt Ion:266 Resp: 283
Ion Ratio Lower Upper
266 100
264 107.8 50.6 75.8#
268 32.2 52.6 79.0#



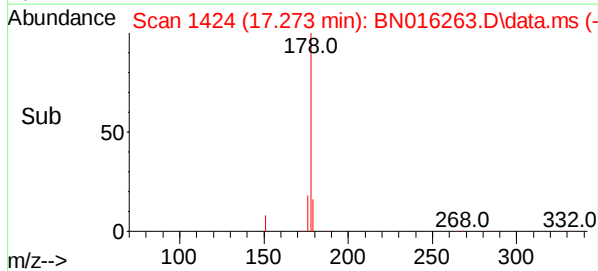
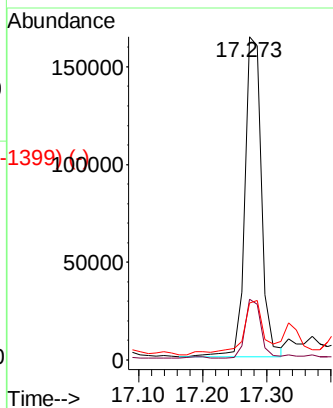
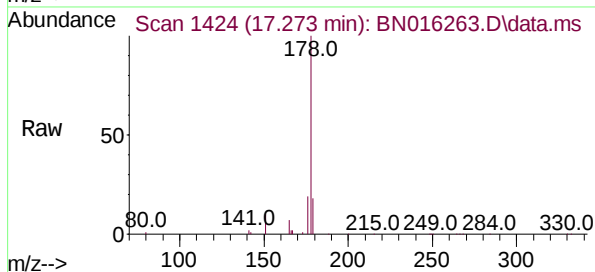
Abundance Scan 1424 (17.273 min): BN016256.D\data.ms (-1425) (-)

Phenanthrene
Concen: 1.337 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021



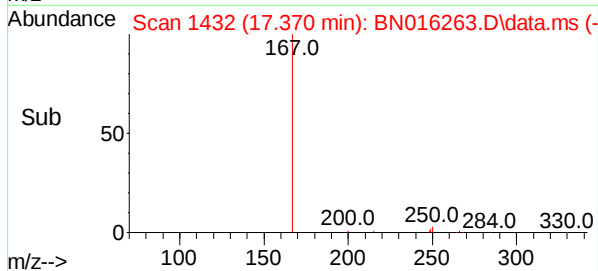
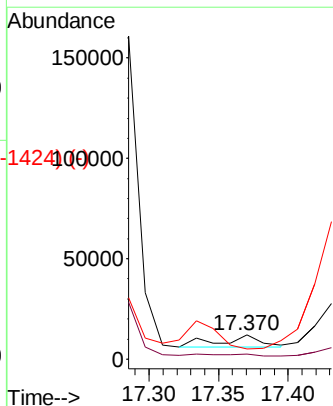
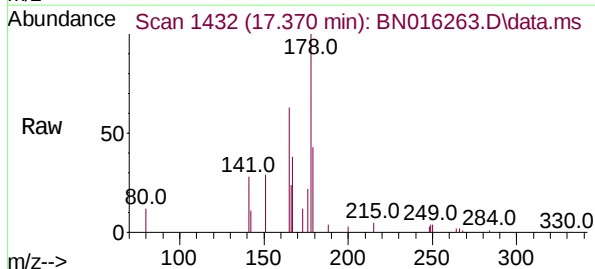
Tgt Ion:	178	Resp:	298593
Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.4	21.6
179	21.8	12.2	18.4#



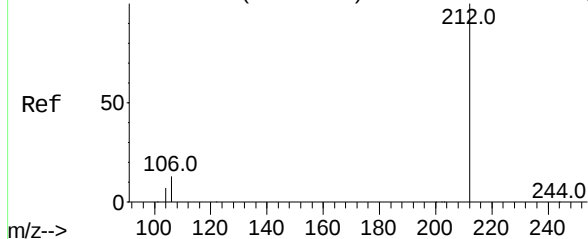
Abundance Scan 1432 (17.371 min): BN016256.D\data.ms (-1429) (-)

Anthracene
Concen: 0.060 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	178	Resp:	12410
Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.9	20.9
179	0.0	12.2	18.4#



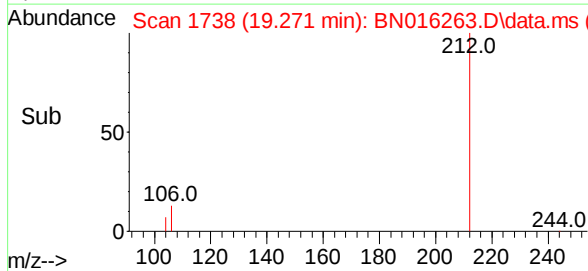
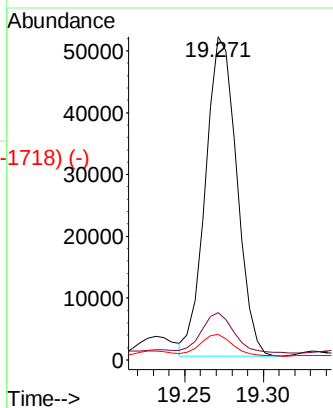
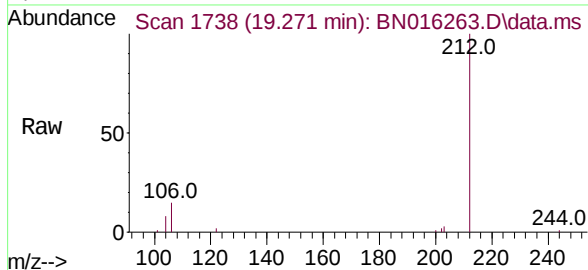
Abundance Scan 1738 (19.271 min): BN016256.D\data.ms (-1728) (-)



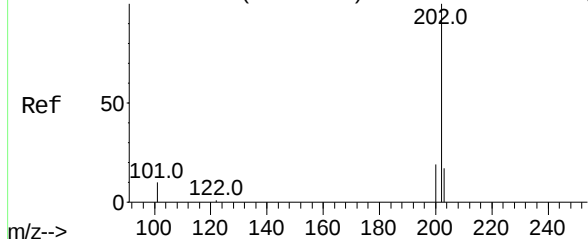
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

Tgt Ion:	212	Resp:	71680
Ion Ratio	Lower	Upper	
212	100		
106	13.0	9.8	14.6
104	7.1	5.4	8.2

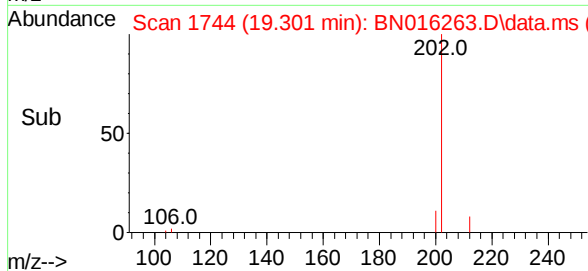
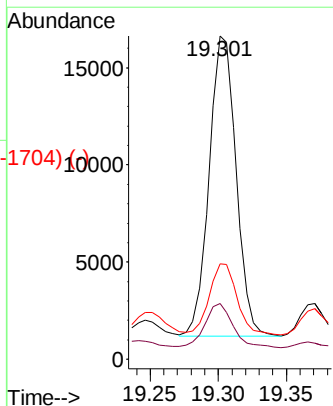
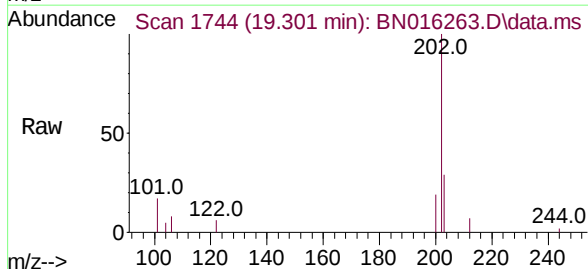


Abundance Scan 1744 (19.301 min): BN016256.D\data.ms (-1728) (-)

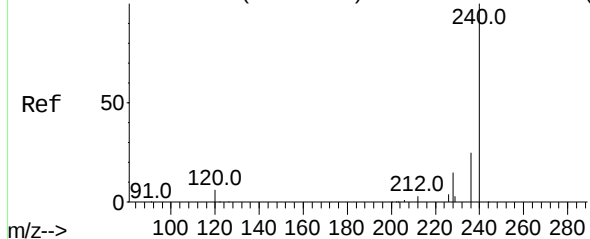


Fluoranthene
Concen: 0.082 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Tgt Ion:	202	Resp:	21376
Ion Ratio	Lower	Upper	
202	100		
101	15.0	8.5	12.7#
203	24.0	13.8	20.8#



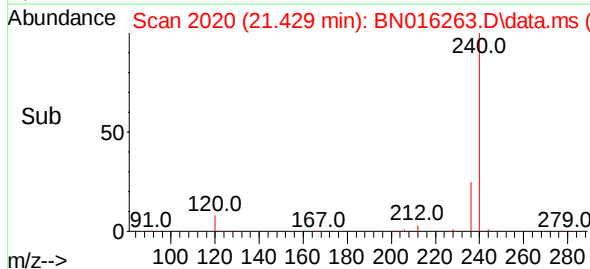
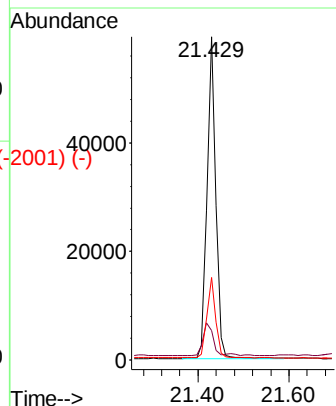
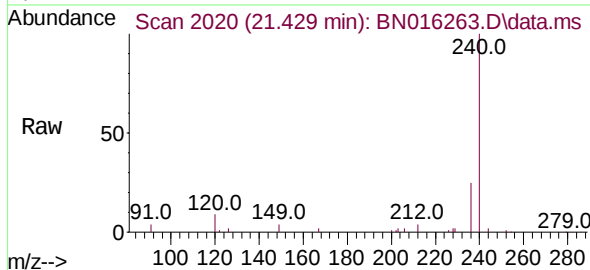
Abundance Scan 2020 (21.429 min): BN016256.D\data.ms (-2020) (-)



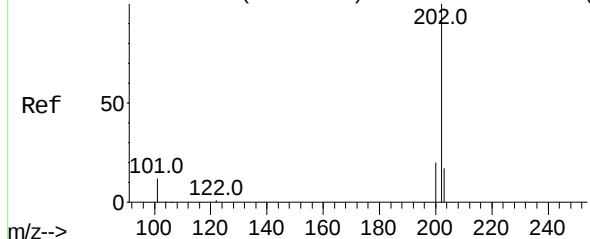
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

Tgt Ion:	240	Resp:	78144
Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.3	7.9#
236	25.5	19.8	29.8

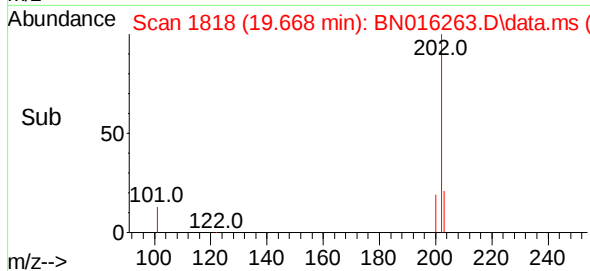
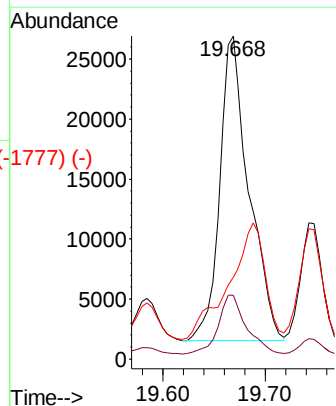
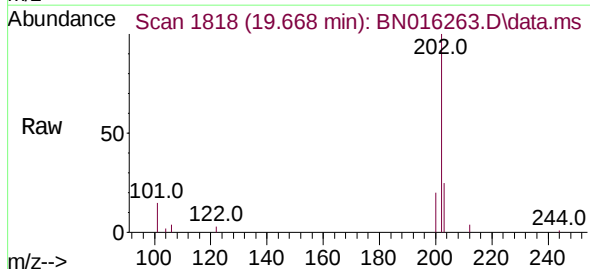


Abundance Scan 1817 (19.664 min): BN016256.D\data.ms (-1817) (-)



Pyrene
Concen: 0.192 ng
RT: 19.668 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

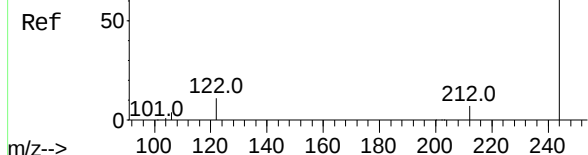
Tgt Ion:	202	Resp:	50829
Ion	Ratio	Lower	Upper
202	100		
200	18.5	15.8	23.6
203	0.0	13.9	20.9#



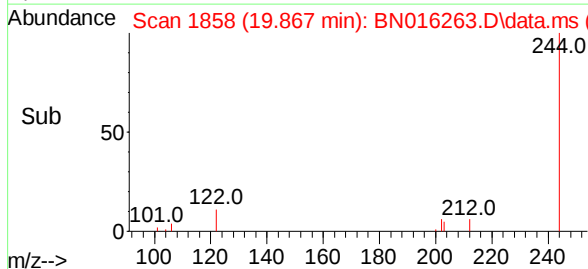
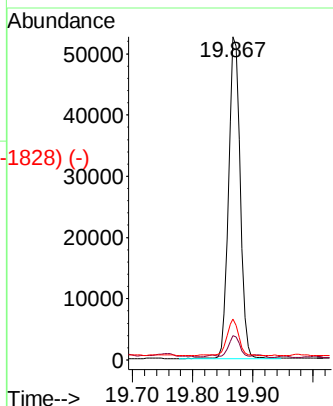
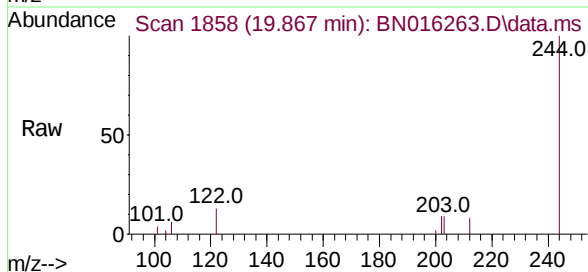
Abundance Scan 1858 (19.867 min): BN016256.D\data.ms (-1828) (-)

Terphenyl-d14
Concen: 0.359 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021

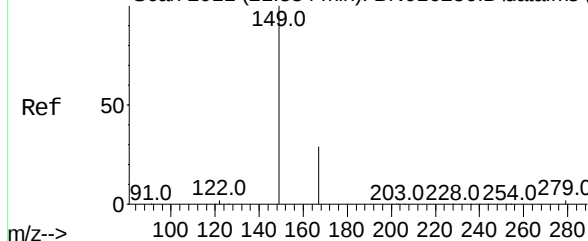


Tgt Ion:	244	Resp:	70373
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.5	8.3
122	12.6	9.0	13.4

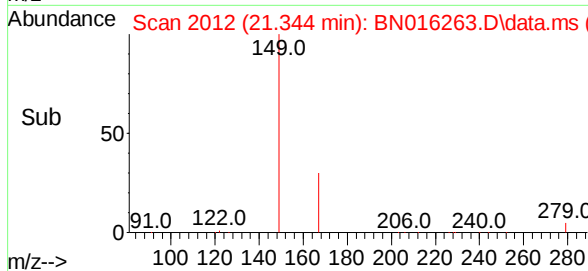
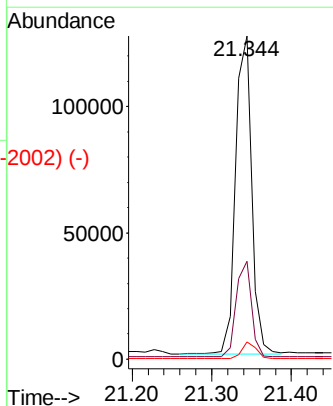
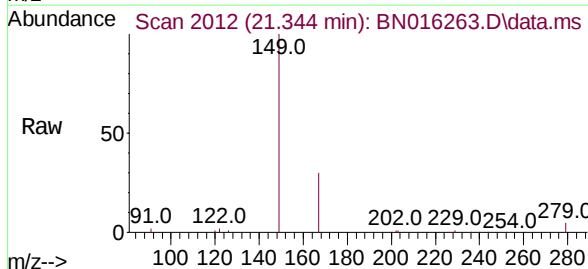


Abundance Scan 2011 (21.334 min): BN016256.D\data.ms (-2002) (-)

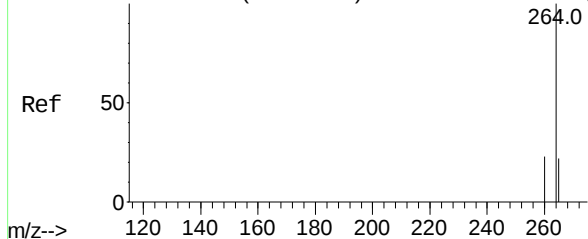
Bis(2-ethylhexyl)phthalate
Concen: 1.196 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.010 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11



Tgt Ion:	149	Resp:	179295
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	4.5	3.9	5.9

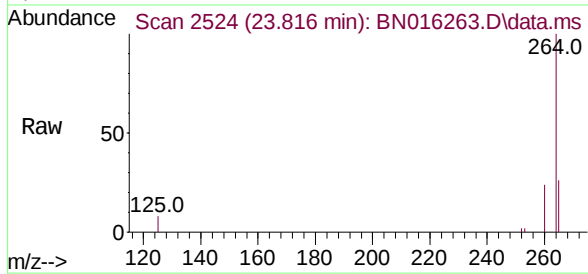


Abundance Scan 2523 (23.813 min): BN016256.D\data.ms (-2535) (-)



Perylene-d12
Concen: 0.400 ng
RT: 23.816 min Scan# 2524
Delta R.T. 0.003 min
Lab File: BN016263.D
Acq: 09 Sep 2021 18:11

Instrument :
BNA_N
ClientSampleId :
PW-B6-L41-083021



Tgt Ion:	264	Resp:	61279
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	25.8	23.7	35.5

Abundance Scan 2524 (23.816 min): BN016263.D\data.ms (-2479) (-)

