

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016769.D
 Acq On : 06 Oct 2021 08:06
 Operator : CG/JU
 Sample : M3892-19 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 10:29:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

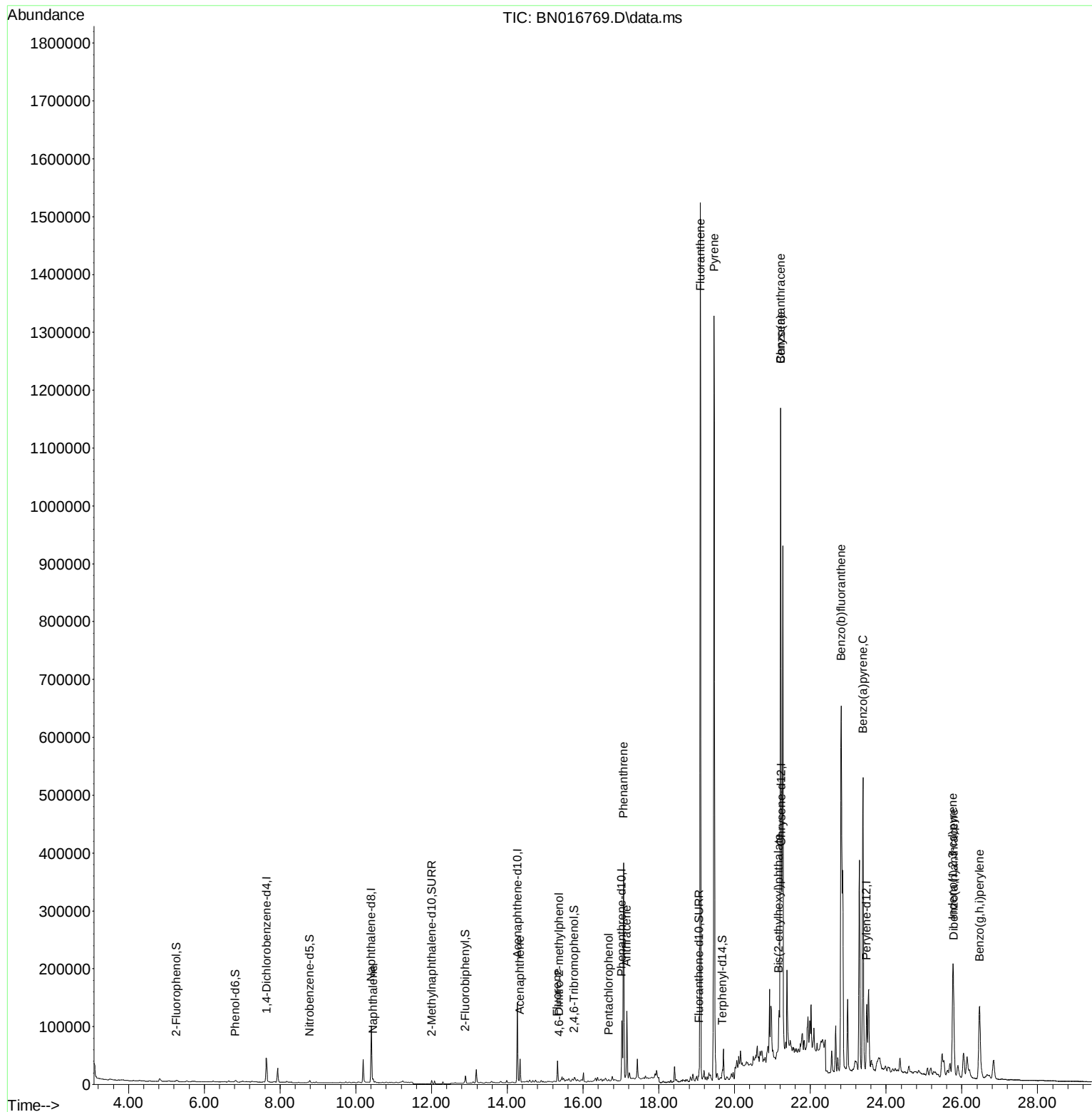
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28100	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	130608	0.400	ng	# 0.00
13) Acenaphthene-d10	14.268	164	74807	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	147886	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	144877	0.400	ng	0.00
35) Perylene-d12	23.488	264	149288	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3493	0.049	ng	0.00
5) Phenol-d6	6.821	99	3624	0.046	ng	0.00
8) Nitrobenzene-d5	8.784	82	3929	0.043	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	9094	0.047	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	1700	0.156	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	11531	0.039	ng	-0.01
27) Fluoranthene-d10	19.068	212	18120	0.045	ng	0.00
31) Terphenyl-d14	19.678	244	14885	0.046	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.457	128	8893	0.025	ng	# 95
17) Acenaphthene	14.332	154	19533	0.090	ng	99
18) Fluorene	15.322	166	22370	0.085	ng	97
20) 4,6-Dinitro-2-methylph...	15.372	198	37	0.269	ng	# 1
24) Pentachlorophenol	16.677	266	134	0.341	ng	# 79
25) Phenanthrene	17.066	178	392792	0.904	ng	100
26) Anthracene	17.151	178	117894	0.304	ng	96
28) Fluoranthene	19.097	202	1358501	2.816	ng	100
30) Pyrene	19.460	202	1254213	2.633	ng	# 92
32) Benzo(a)anthracene	21.217	228	915075	2.036	ng	98
33) Chrysene	21.217	228	844623	1.853	ng	95
34) Bis(2-ethylhexyl)phtha...	21.163	149	65668	0.241	ng	97
36) Indeno(1,2,3-cd)pyrene	25.764	276	309807	0.654	ng	98
37) Benzo(b)fluoranthene	22.813	252	1041674	2.158	ng	97
39) Benzo(a)pyrene	23.388	252	709344	1.642	ng	97
40) Dibenzo(a,h)anthracene	25.781	278	89193	0.237	ng	# 79
41) Benzo(g,h,i)perylene	26.466	276	269611	0.641	ng	97

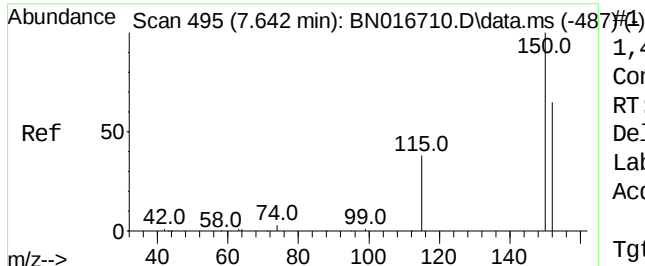
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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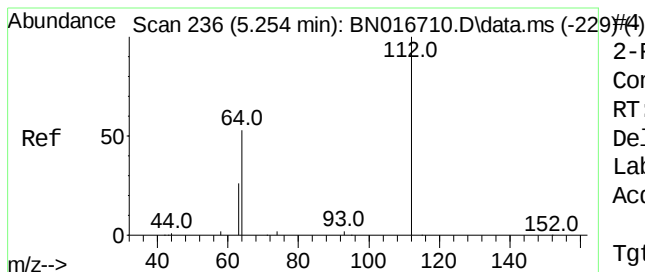
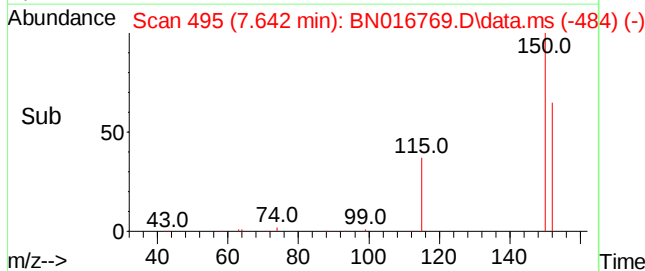
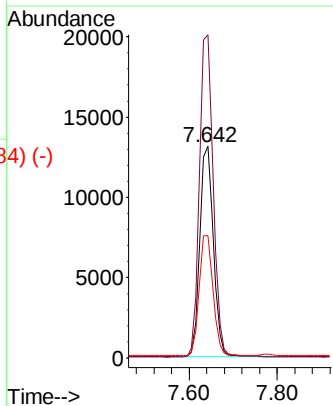
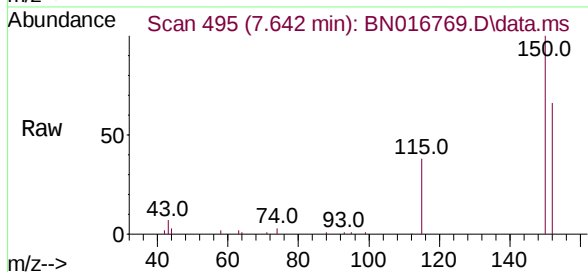




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

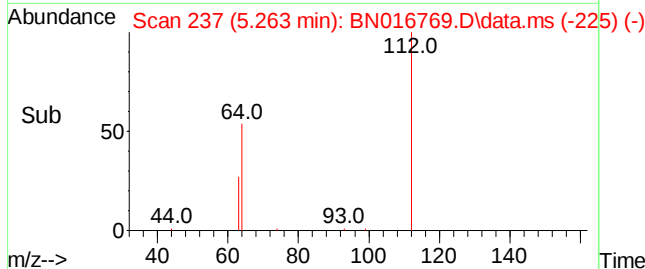
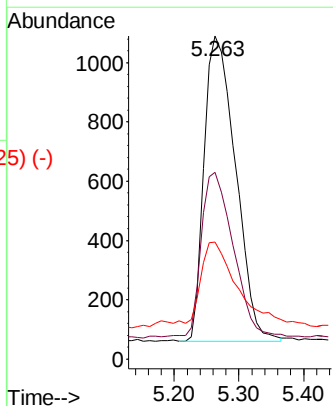
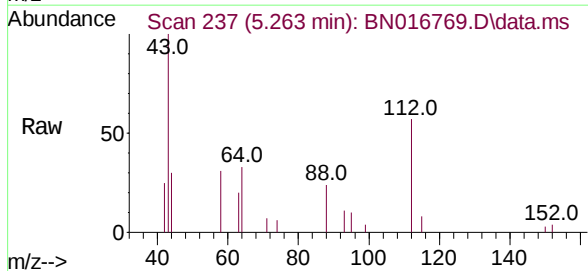
Instrument :
 BNA_N
 ClientSampleId :

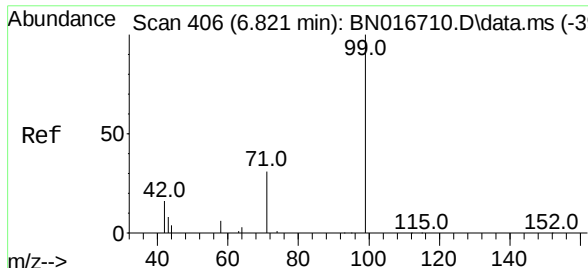
Tgt Ion:	152	Resp:	28100
Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.3	184.9
115	57.8	47.0	70.6



2-Fluorophenol
 Concen: 0.049 ng
 RT: 5.263 min Scan# 237
 Delta R.T. 0.009 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

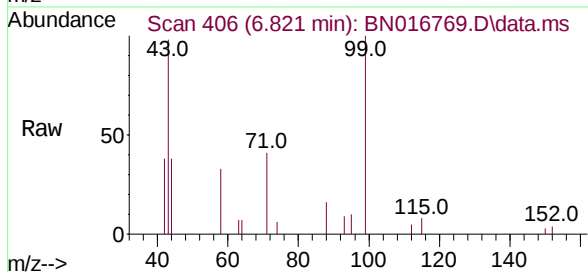
Tgt Ion:	112	Resp:	3493
Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.9	64.3
63	29.1	21.5	32.3



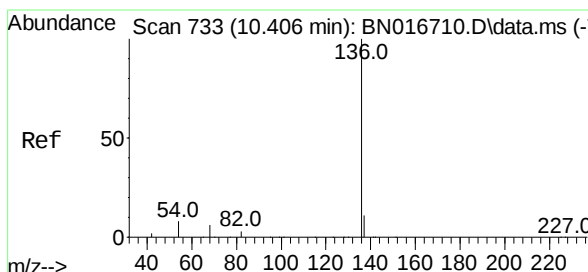
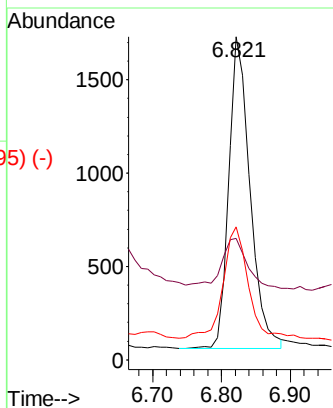
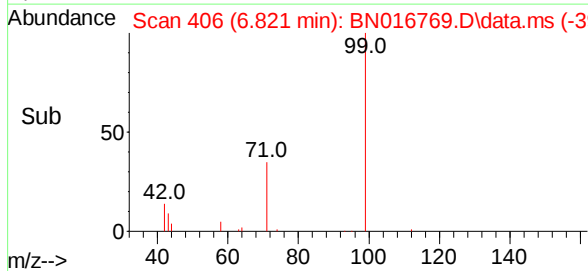


Phenol-d6
 Concen: 0.046 ng
 RT: 6.821 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

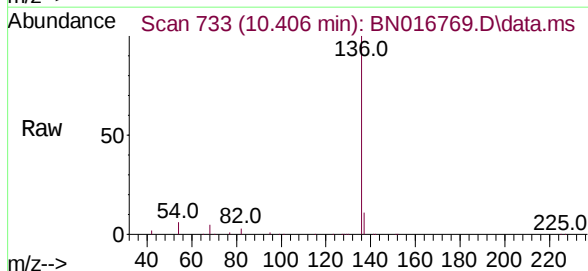
Instrument :
 BNA_N
 ClientSampleId :



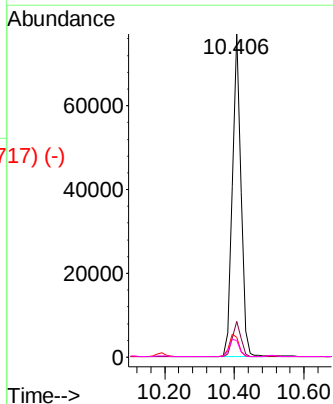
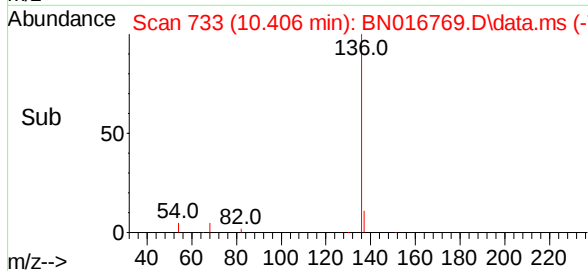
Tgt Ion:	99	Resp:	3624
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.4	20.2
71	41.1	24.0	36.0#

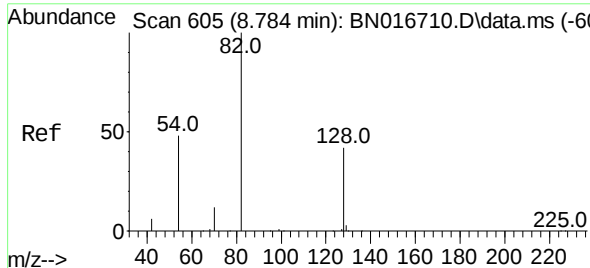


Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.406 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06



Tgt Ion:	136	Resp:	130608
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.1	6.5	9.7#
68	5.2	5.3	7.9#

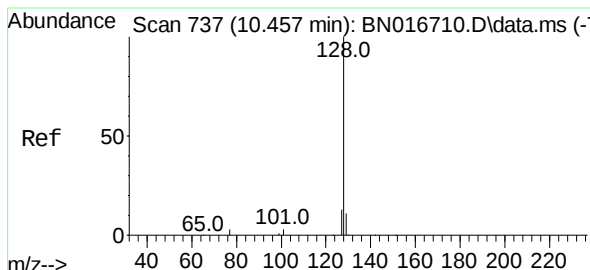
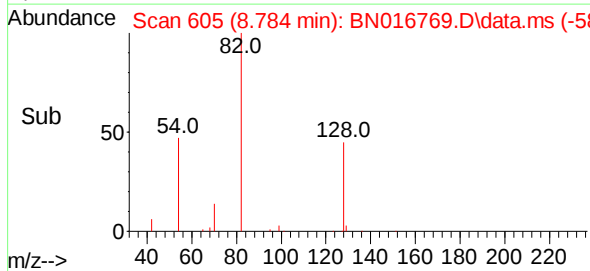
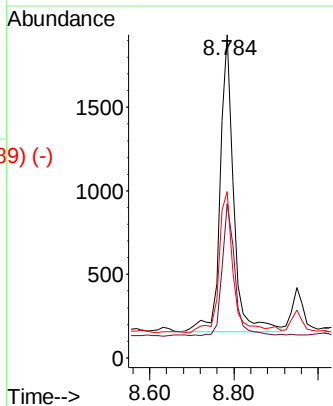
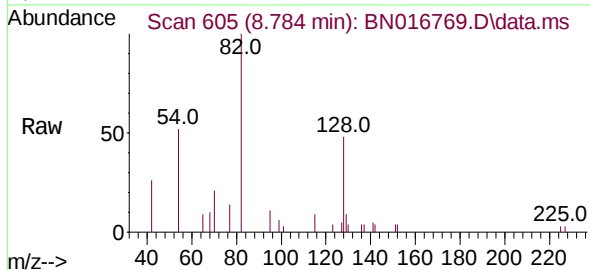




Nitrobenzene-d5
 Concen: 0.043 ng
 RT: 8.784 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

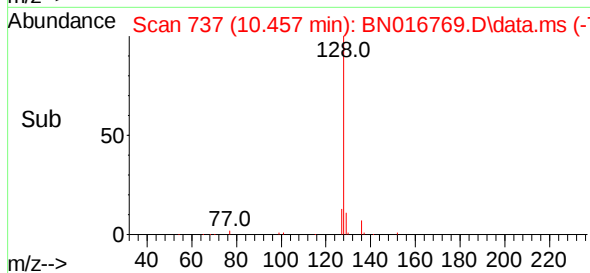
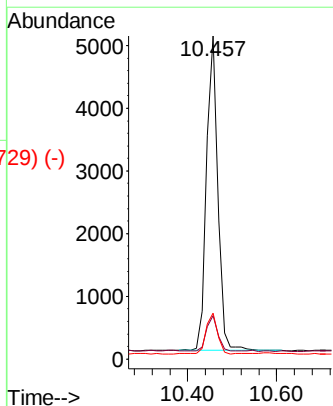
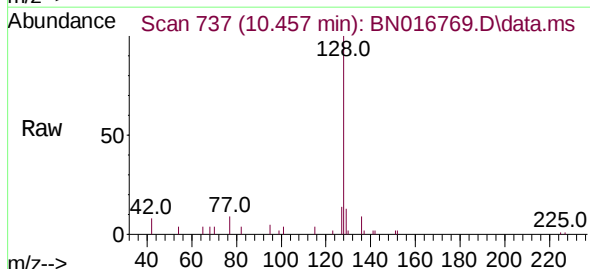
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:	82	Resp:	3929
Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.8	50.6
54	51.6	38.5	57.7

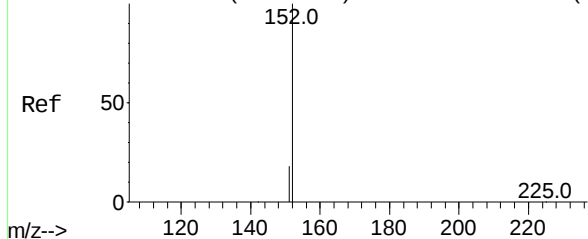


Naphthalene
 Concen: 0.025 ng
 RT: 10.457 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

Tgt Ion:	128	Resp:	8893
Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.7	13.1#
127	14.1	10.3	15.5



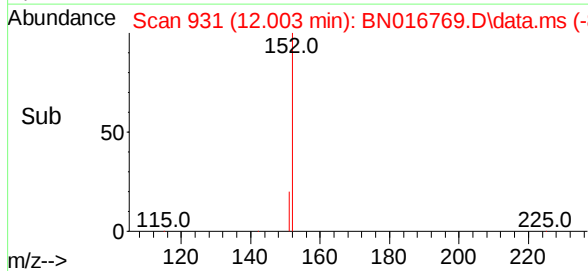
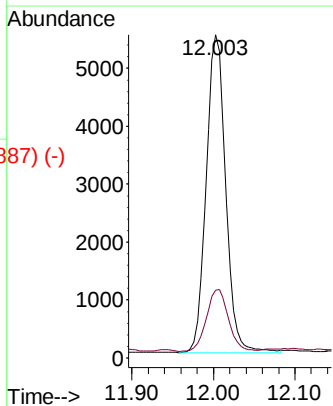
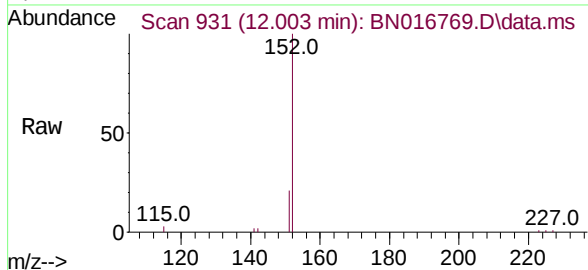
Abundance Scan 932 (12.007 min): BN016710.D\data.ms (-92#14)



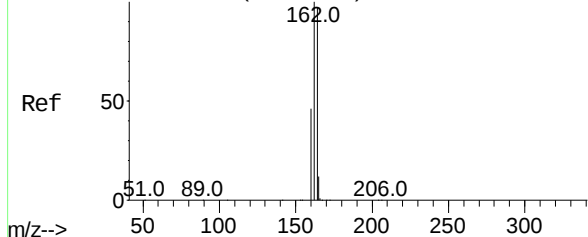
2-Methylnaphthalene-d10
Concen: 0.047 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9094
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4

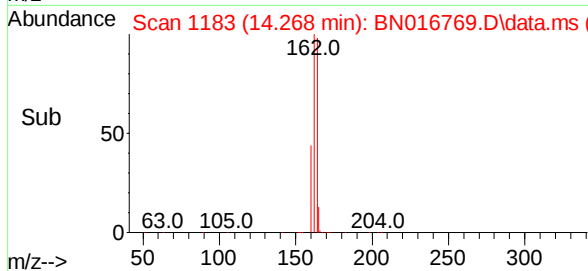
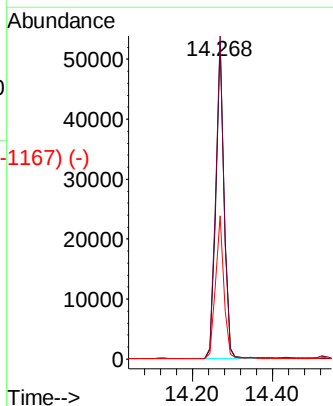
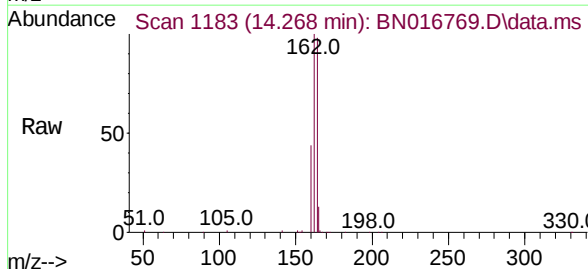


Abundance Scan 1183 (14.268 min): BN016710.D\data.ms (-1115) (-)



Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

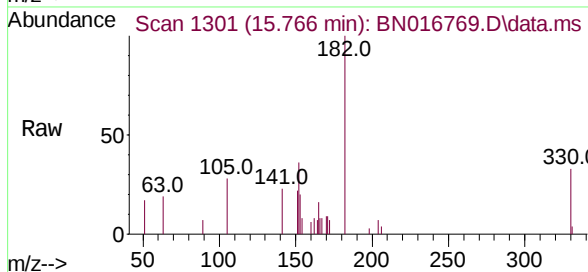
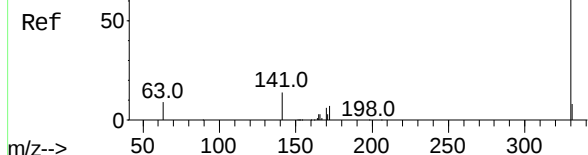
Tgt Ion:164 Resp: 74807
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.2 38.2 57.2



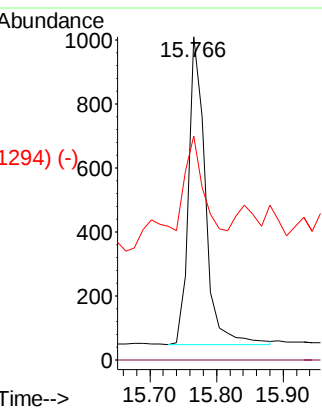
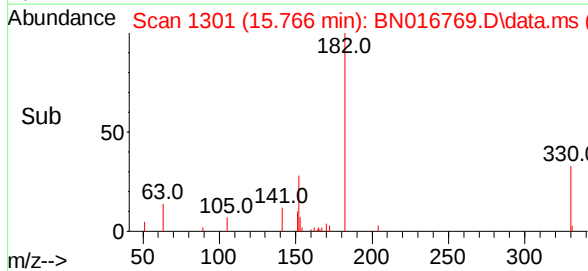
Abundance Scan 1302 (15.778 min): BN016710.D\data.ms (-1294) (-)

2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampled :

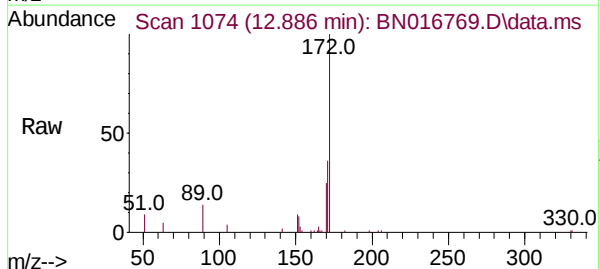
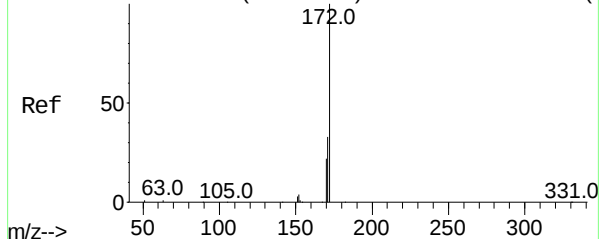


Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.1	24.2	36.2

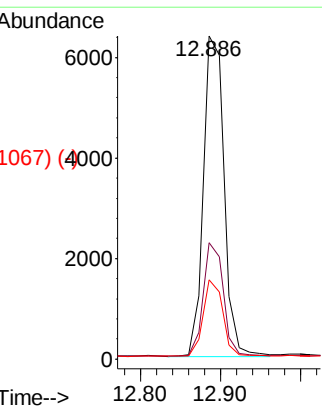
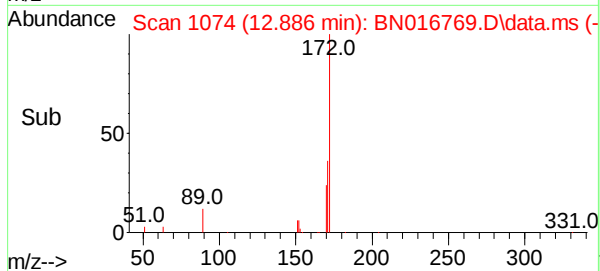


Abundance Scan 1075 (12.898 min): BN016710.D\data.ms (-1074) (-)

2-Fluorobiphenyl
Concen: 0.039 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06



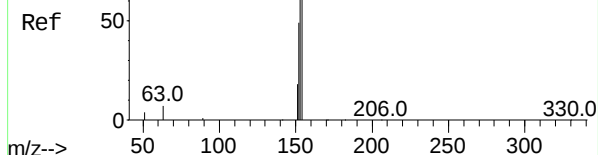
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.9	40.3
170	24.6	17.4	26.0



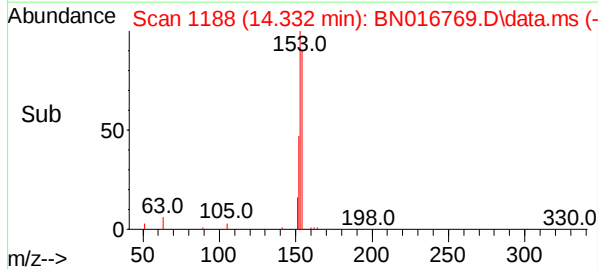
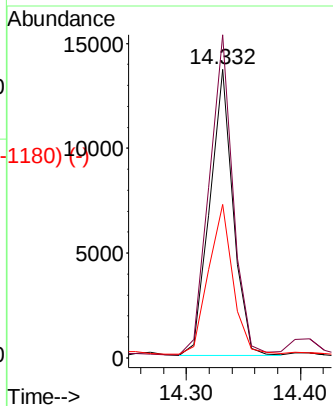
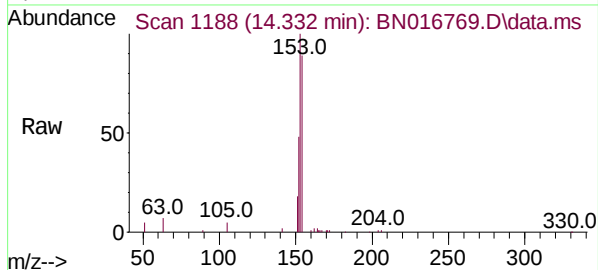
Abundance Scan 1188 (14.332 min): BN016710.D\data.ms (-1187) (-)

Acenaphthene
Concen: 0.090 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampled :

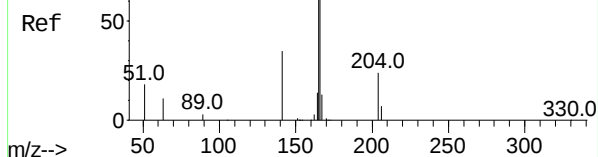


Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.1	135.1
152	55.1	43.6	65.4

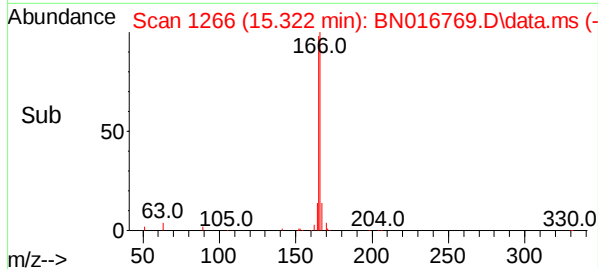
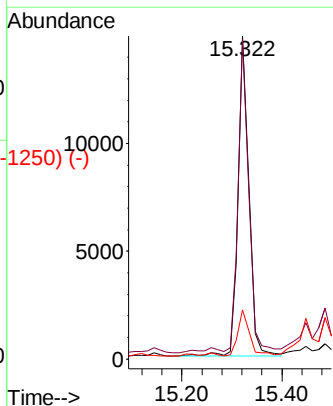
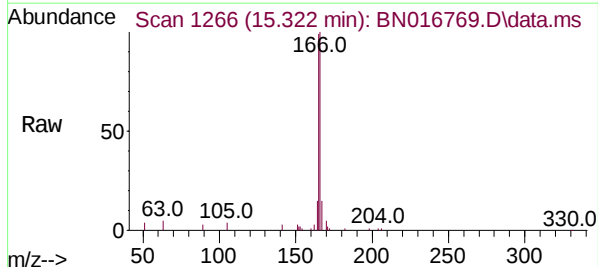


Abundance Scan 1266 (15.322 min): BN016710.D\data.ms (-1265) (-)

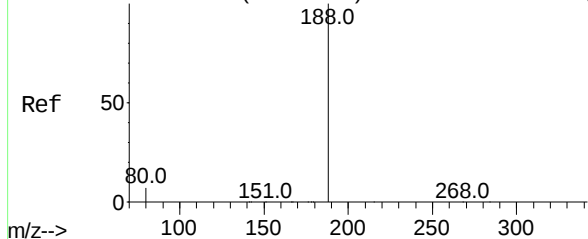
Fluorene
Concen: 0.085 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06



Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.1	117.1
167	15.3	10.7	16.1



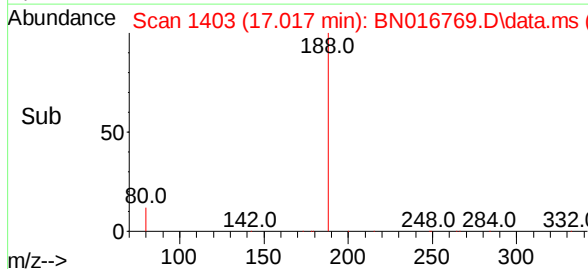
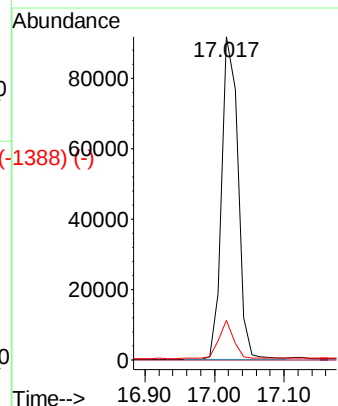
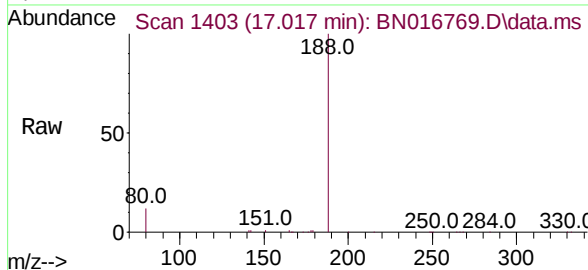
Abundance Scan 1404 (17.029 min): BN016710.D\data.ms (-1388) (-)



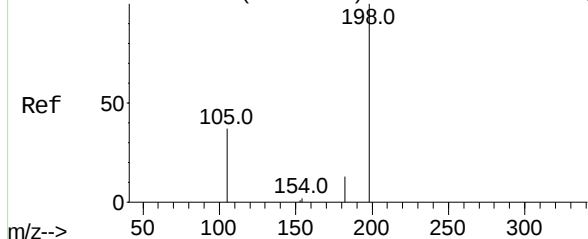
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	188	Resp:	147886
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	5.8	8.8#

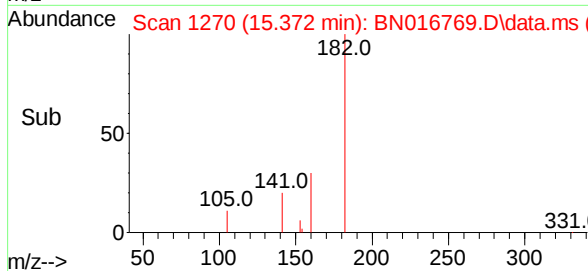
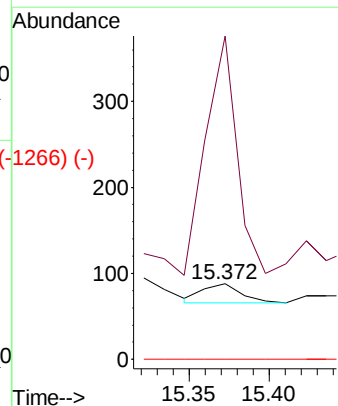
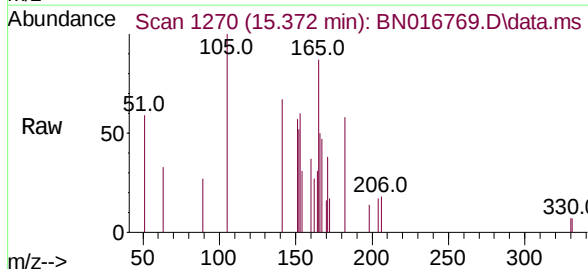


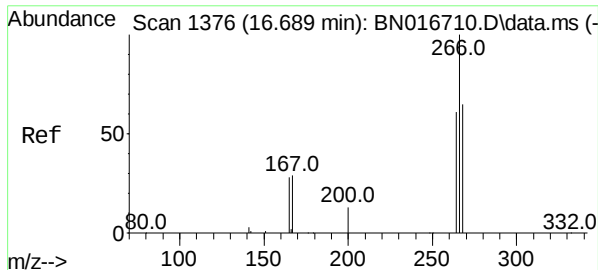
Abundance Scan 1274 (15.423 min): BN016710.D\data.ms (-1228) (-)



4,6-Dinitro-2-methylphenol
Concen: 0.269 ng
RT: 15.372 min Scan# 1270
Delta R.T. -0.051 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Tgt Ion:	198	Resp:	37
Ion Ratio	Lower	Upper	
198	100		
182	427.3	26.2	39.2#
77	0.0	0.0	0.0

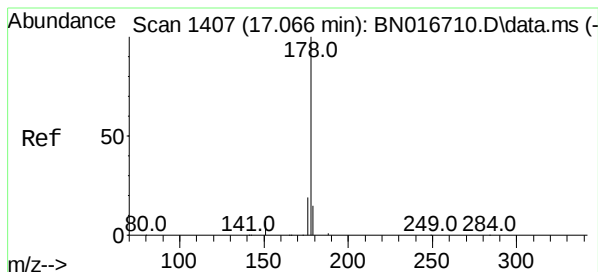
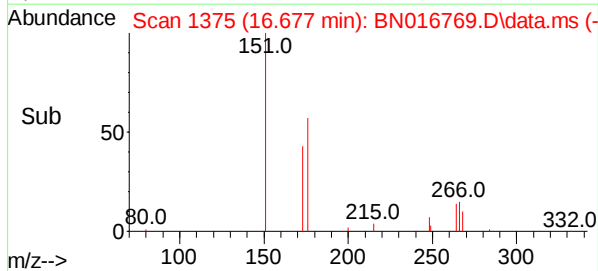
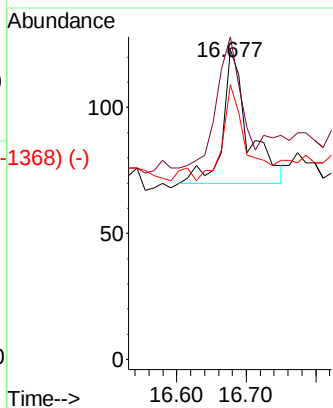
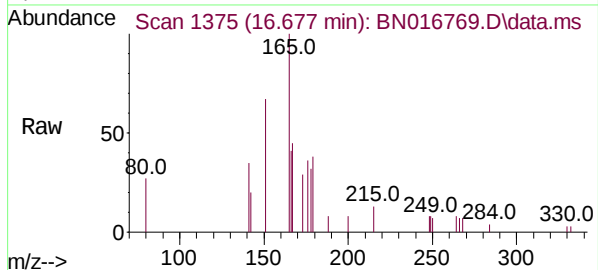




Scan 1376 (16.689 min): BN016710.D\data.ms (-1329) (-)
 Pentachlorophenol
 Concen: 0.341 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. -0.012 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

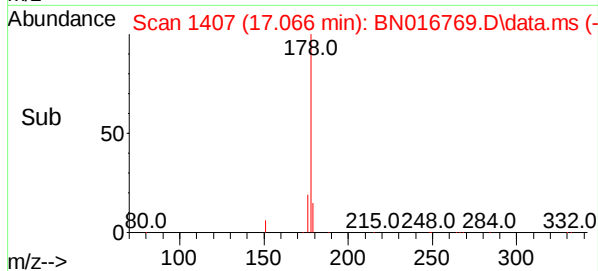
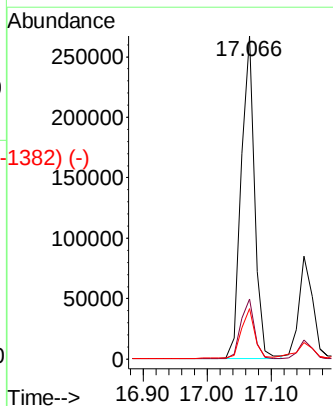
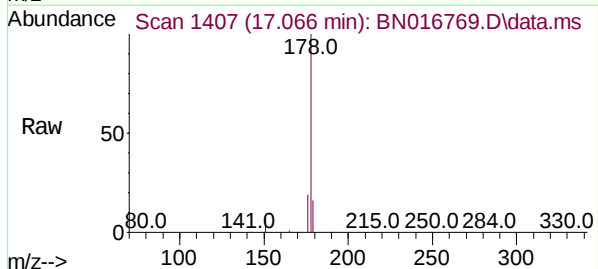
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	266	Resp:	134
Ion	Ratio	Lower	Upper
266	100		
264	94.8	49.3	73.9#
268	64.2	51.8	77.8

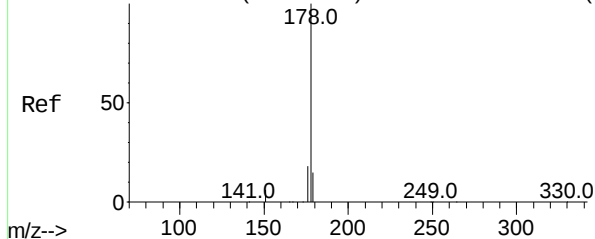


Scan 1407 (17.066 min): BN016710.D\data.ms (-1325) (-)
 Phenanthrene
 Concen: 0.904 ng
 RT: 17.066 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

Tgt Ion:	178	Resp:	392792
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.4	18.6



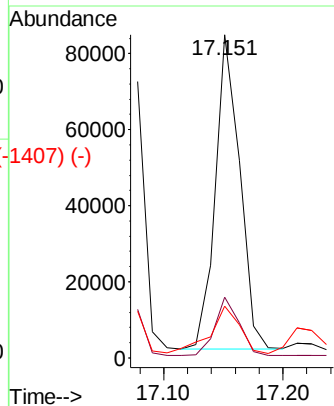
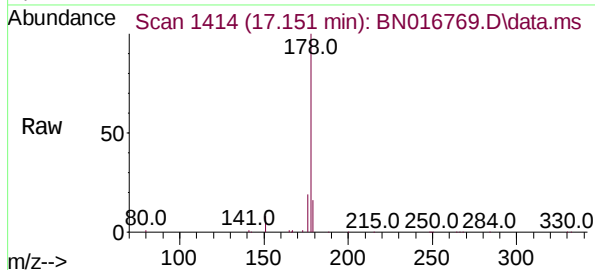
Abundance Scan 1415 (17.163 min): BN016710.D\data.ms (-1425) (-)



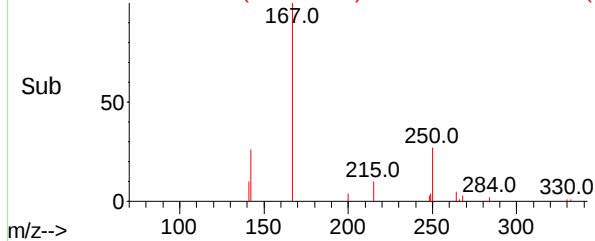
Anthracene
Concen: 0.304 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampleId :

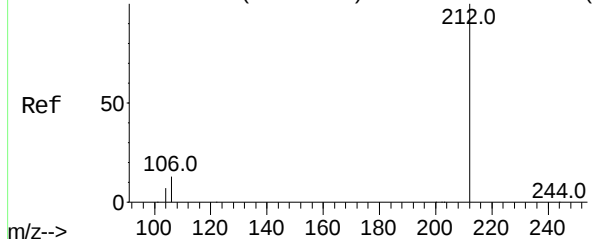
Tgt Ion:	178	Resp:	117894
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	18.2	12.2	18.4



Abundance Scan 1414 (17.151 min): BN016769.D\data.ms (-1407) (-)

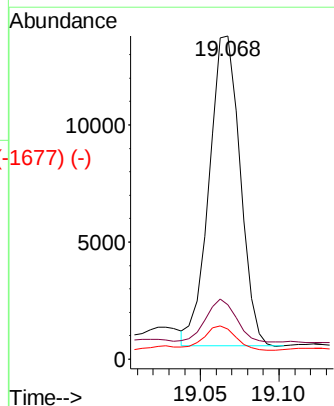
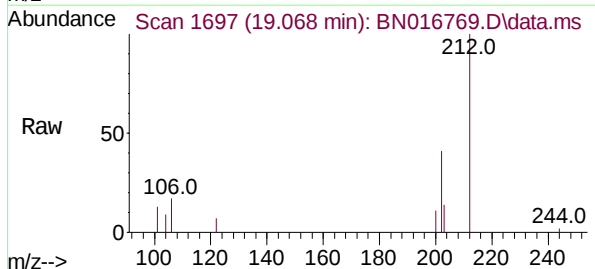


Abundance Scan 1697 (19.068 min): BN016710.D\data.ms (-1625) (-)

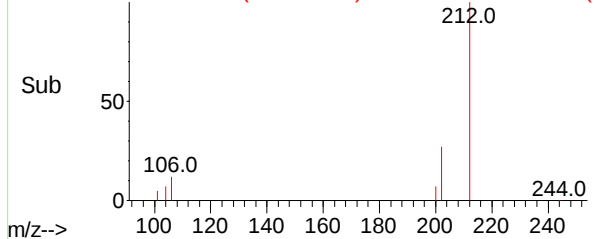


Fluoranthene-d10
Concen: 0.045 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

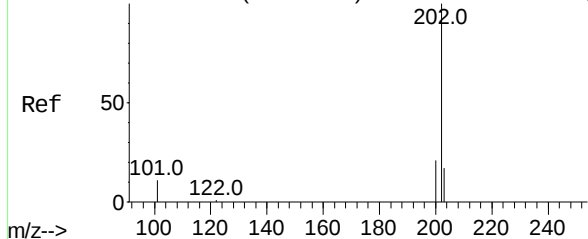
Tgt Ion:	212	Resp:	18120
Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	16.0
104	8.1	5.8	8.8



Abundance Scan 1697 (19.068 min): BN016769.D\data.ms (-1677) (-)



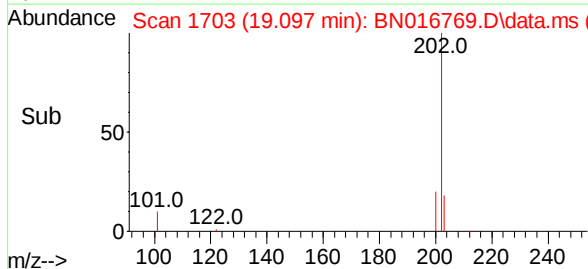
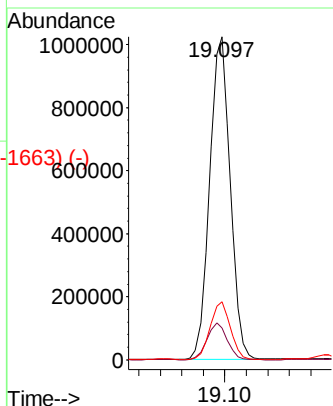
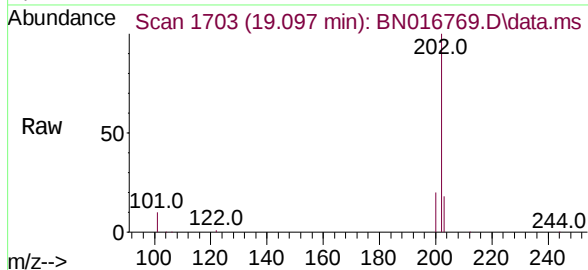
Abundance Scan 1703 (19.097 min): BN016710.D\data.ms (-1628) (-)



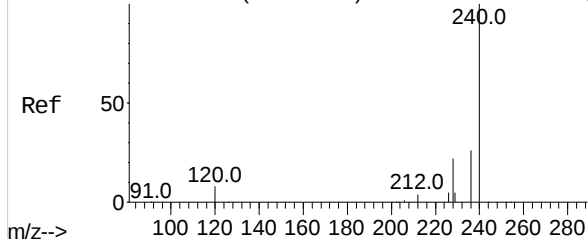
Fluoranthene
Concen: 2.816 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampled :

Tgt Ion:	202	Resp:	1358501
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.6	13.8	20.8

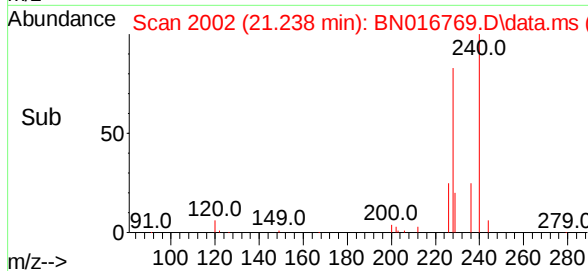
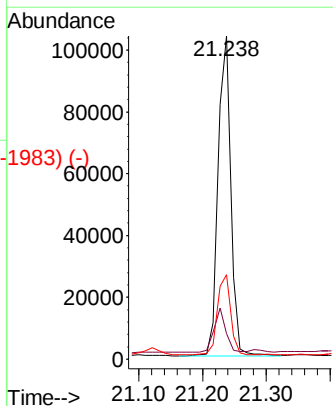
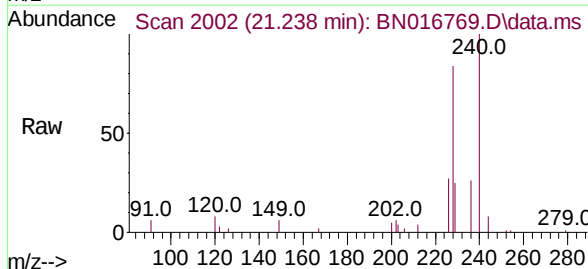


Abundance Scan 2002 (21.238 min): BN016710.D\data.ms (-1929) (-)

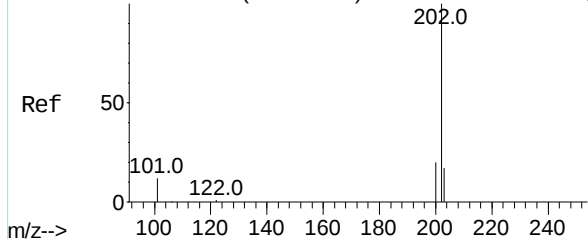


Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Tgt Ion:	240	Resp:	144877
Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	26.0	20.7	31.1



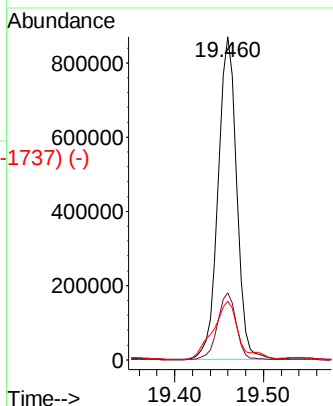
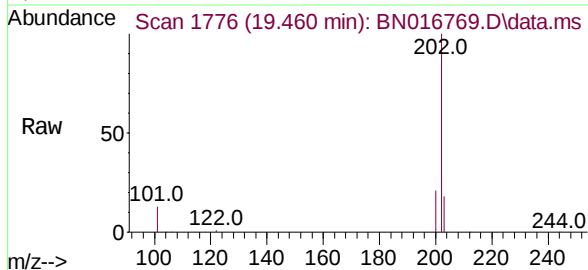
Abundance Scan 1777 (19.465 min): BN016710.D\data.ms (-1737) (-)



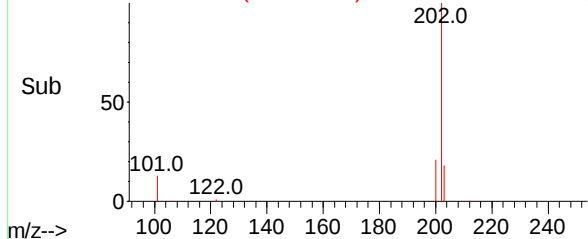
Pyrene
Concen: 2.633 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampled :

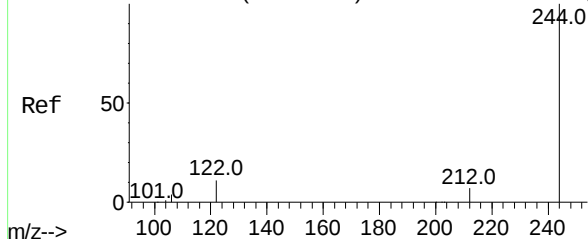
Tgt Ion:	202	Resp:	1254213
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	24.6	13.9	20.9#



Abundance Scan 1776 (19.460 min): BN016769.D\data.ms (-1737) (-)

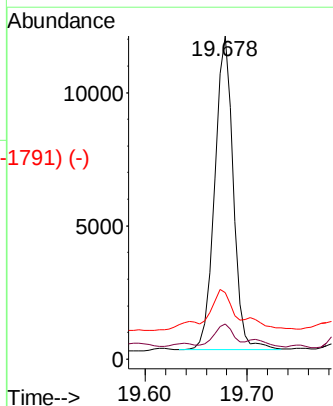
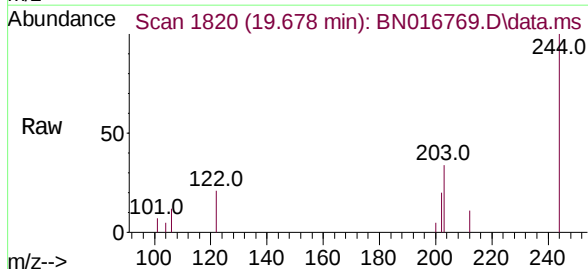


Abundance Scan 1821 (19.683 min): BN016710.D\data.ms (-1737) (-)

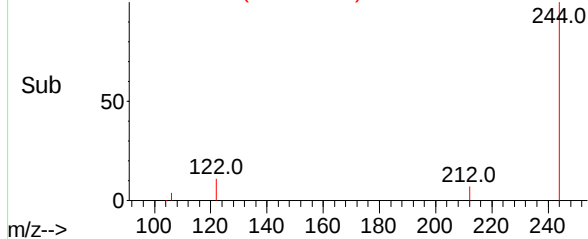


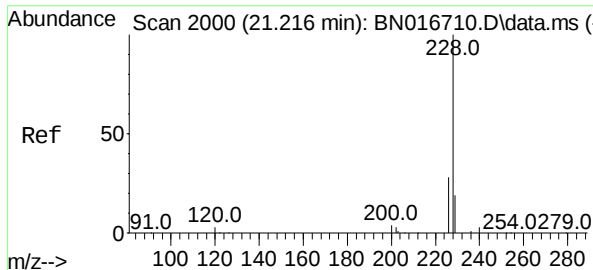
Terphenyl-d14
Concen: 0.046 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Tgt Ion:	244	Resp:	14885
Ion	Ratio	Lower	Upper
244	100		
212	10.8	5.8	8.6#
122	20.5	8.9	13.3#



Abundance Scan 1820 (19.678 min): BN016769.D\data.ms (-1791) (-)

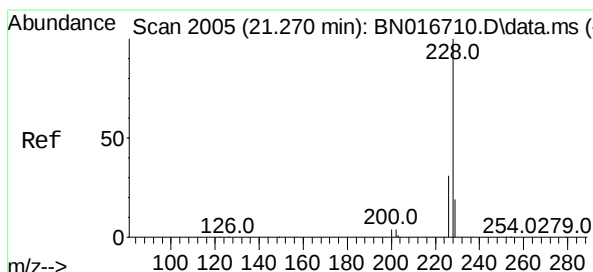
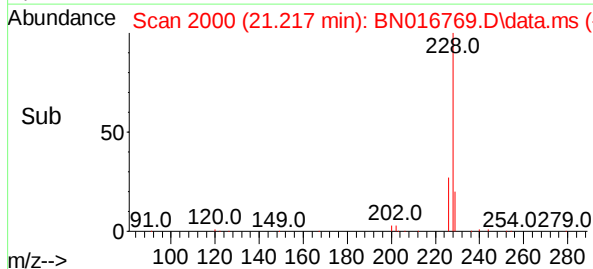
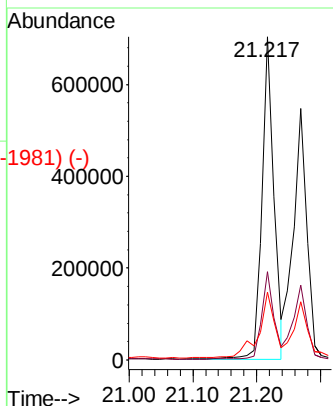
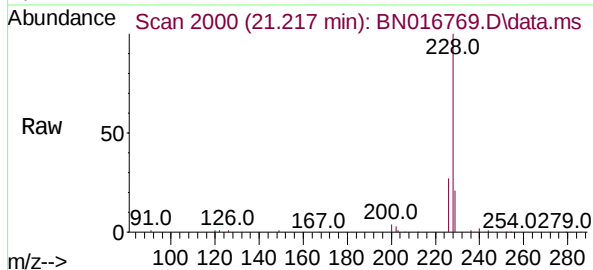




Scan 2000 (21.216 min): BN016710.D\data.ms (-1934) (-)
 Benzo(a)anthracene
 Concen: 2.036 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

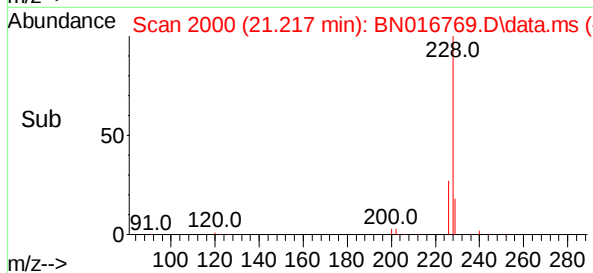
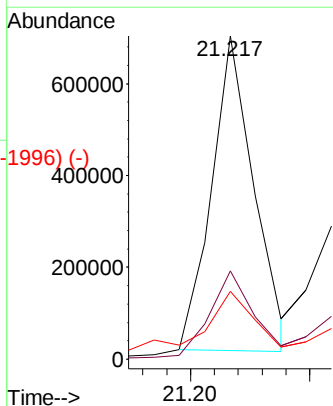
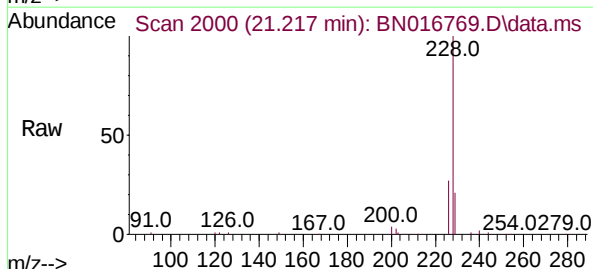
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	228	Resp:	915075
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	21.1	15.4	23.0



Scan 2005 (21.270 min): BN016710.D\data.ms (-2033) (-)
 Chrysene
 Concen: 1.853 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.053 min
 Lab File: BN016769.D
 Acq: 06 Oct 2021 08:06

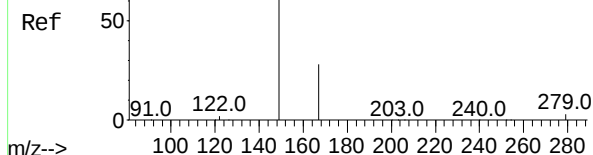
Tgt Ion:	228	Resp:	844623
Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.2	36.4
229	21.1	15.4	23.0



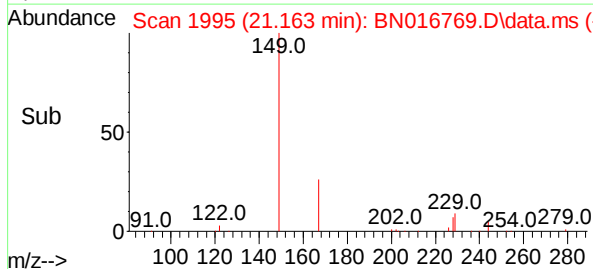
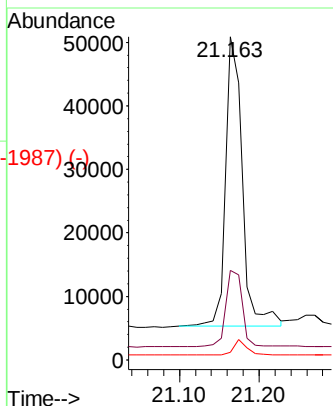
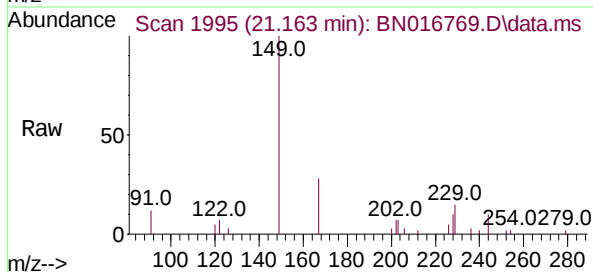
Abundance Scan 1996 (21.174 min): BN016710.D\data.ms (-1996) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampleId :

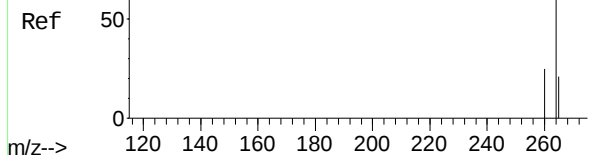


Tgt Ion:	149	Resp:	65668
Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.2	33.4
279	4.5	3.4	5.2

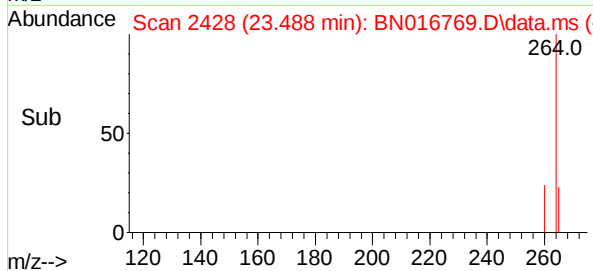
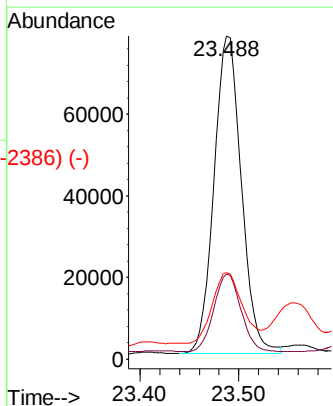
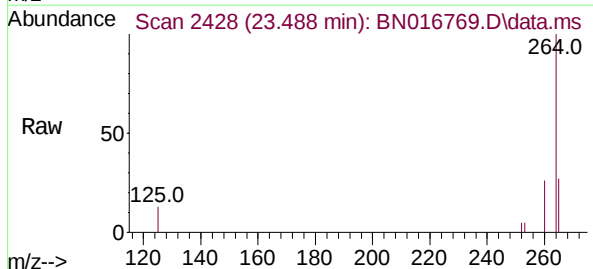


Abundance Scan 2430 (23.494 min): BN016710.D\data.ms (-2430) (-)

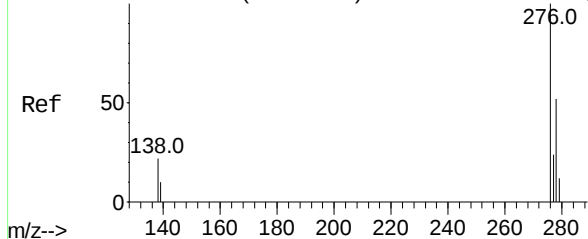
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06



Tgt Ion:	264	Resp:	149288
Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.8	29.6
265	26.8	20.3	30.5

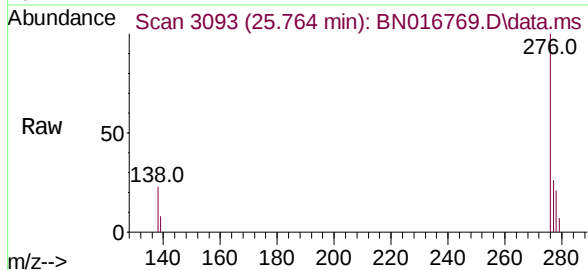


Abundance Scan 3098 (25.781 min): BN016710.D\data.ms (-3098) (-)

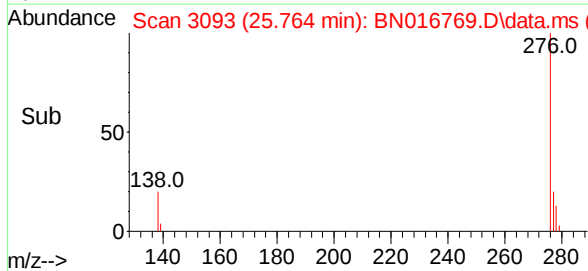
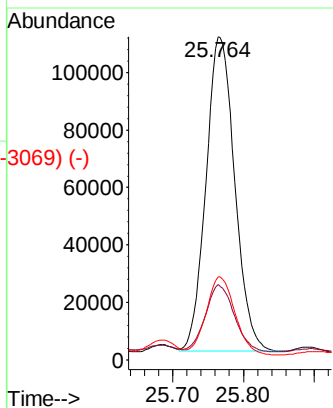


Indeno(1,2,3-cd)pyrene
Concen: 0.654 ng
RT: 25.764 min Scan# 3093
Delta R.T. -0.017 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

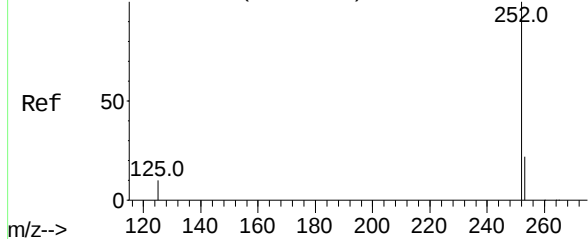
Instrument :
BNA_N
ClientSampleId :



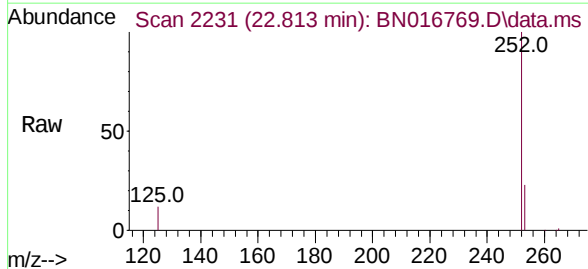
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.2	28.8
277	25.0	20.0	30.0



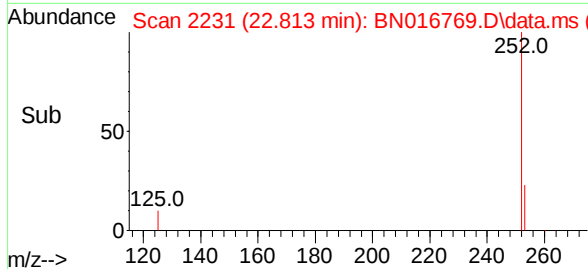
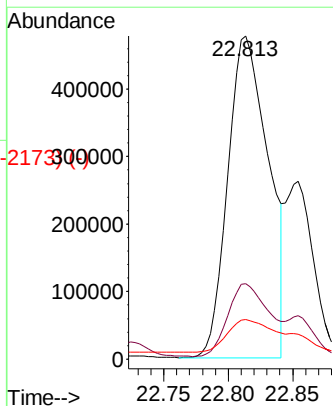
Abundance Scan 2231 (22.813 min): BN016710.D\data.ms (-2231) (-)



Benzo(b)fluoranthene
Concen: 2.158 ng
RT: 22.813 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06



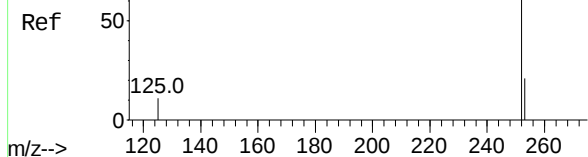
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	12.2	8.3	12.5



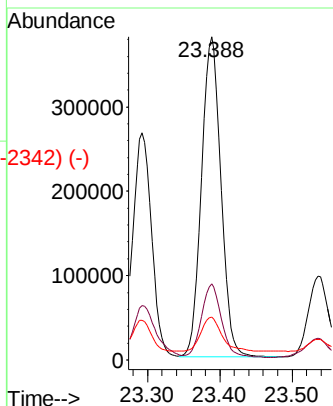
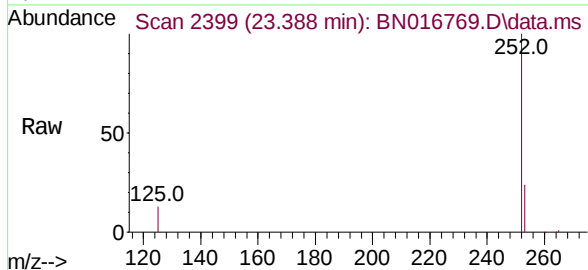
Abundance Scan 2400 (23.392 min): BN016710.D\data.ms (-2342) (-)

Benzo(a)pyrene
Concen: 1.642 ng
RT: 23.388 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

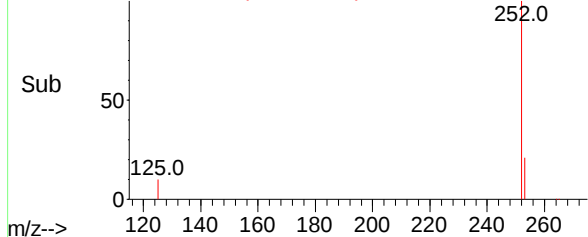
Instrument :
BNA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.2	9.4	14.2



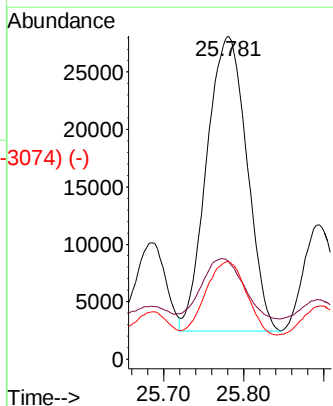
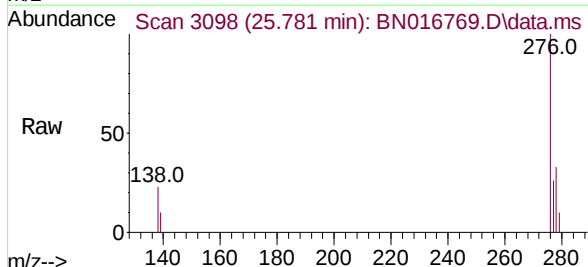
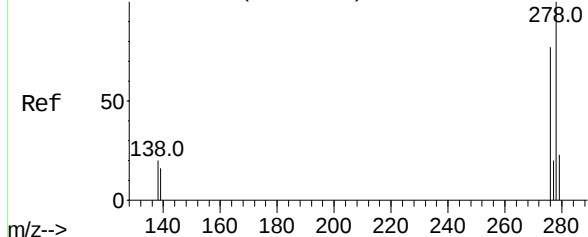
Abundance Scan 2399 (23.388 min): BN016769.D\data.ms (-2342) (-)



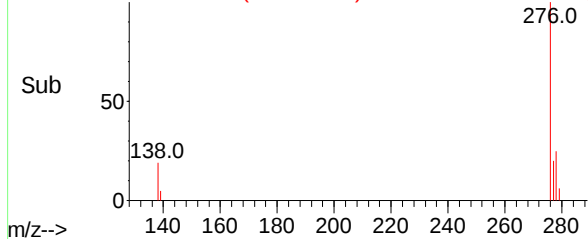
Abundance Scan 3103 (25.798 min): BN016710.D\data.ms (-3074) (-)

Dibenzo(a,h)anthracene
Concen: 0.237 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.017 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

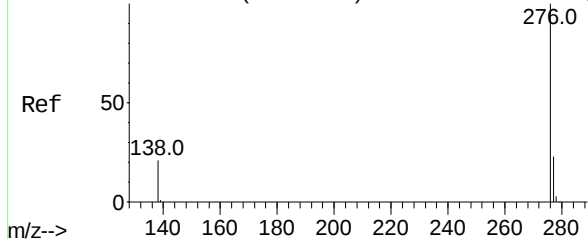
Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.2	13.1	19.7#
279	30.3	19.3	28.9#



Abundance Scan 3098 (25.781 min): BN016769.D\data.ms (-3074) (-)

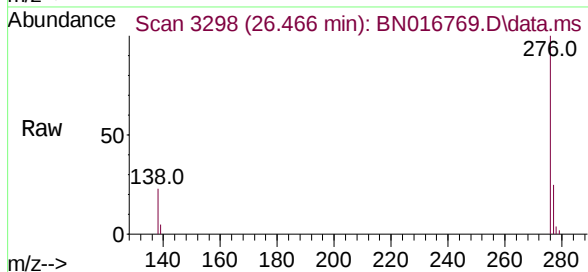


Abundance Scan 3301 (26.476 min): BN016710.D\data.ms (-32743) (-)



Benzo(g,h,i)perylene
Concen: 0.641 ng
RT: 26.466 min Scan# 3298
Delta R.T. -0.010 min
Lab File: BN016769.D
Acq: 06 Oct 2021 08:06

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	276	Resp:	269611
Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	23.2	17.0	25.6

Abundance Scan 3298 (26.466 min): BN016769.D\data.ms (-3243) (-)

