

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016736.D
 Acq On : 05 Oct 2021 08:13
 Operator : CG/JU
 Sample : M3892-08DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-823-N-SO-1-1.5-092221DL

Quant Time: Oct 05 10:18:31 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)

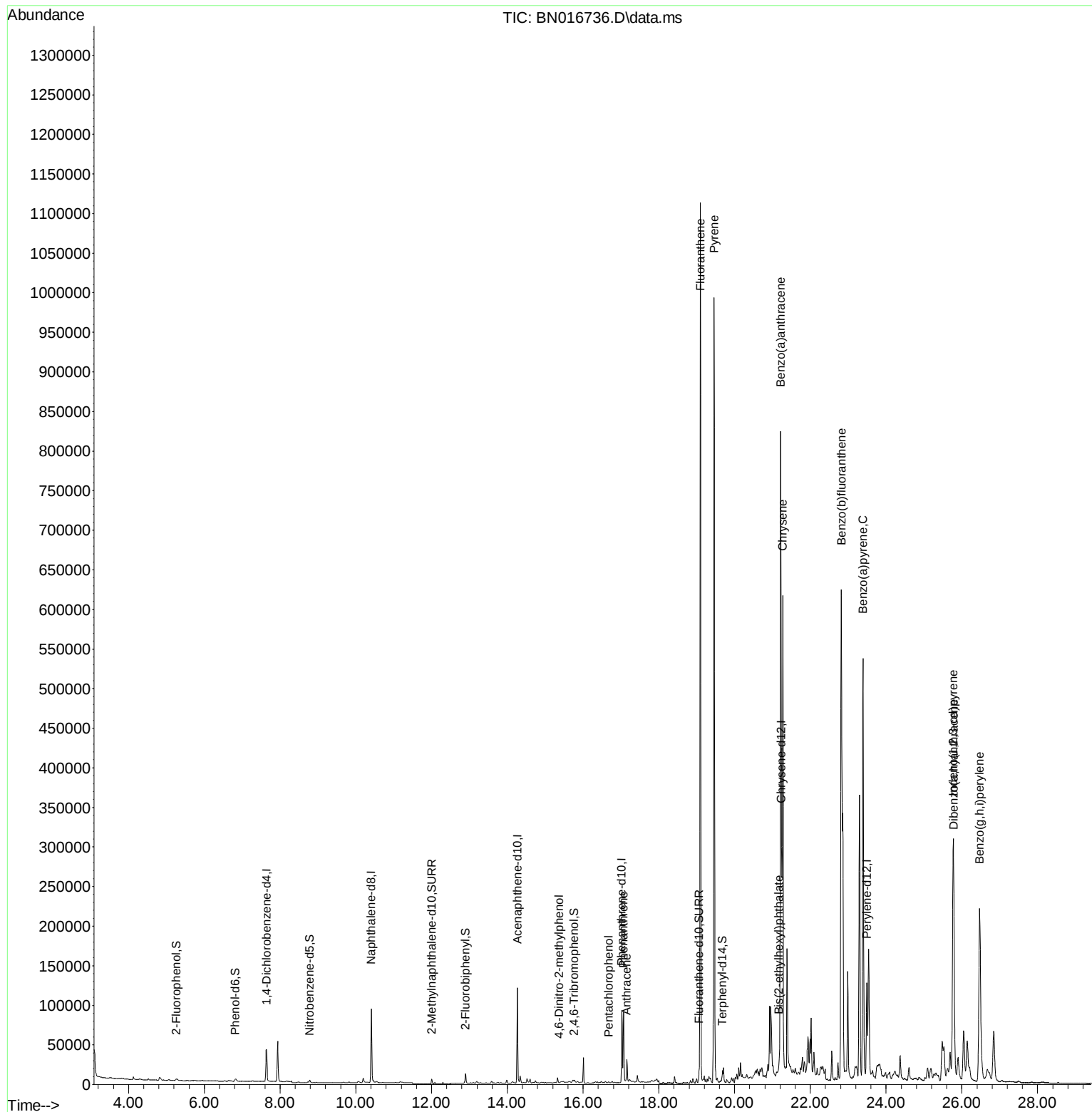
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27802	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	125895	0.400	ng	# 0.00
13) Acenaphthene-d10	14.268	164	66495	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	132981	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	140291	0.400	ng	0.00
35) Perylene-d12	23.491	264	154303	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3419	0.048	ng	0.00
5) Phenol-d6	6.822	99	3331	0.042	ng	0.00
8) Nitrobenzene-d5	8.784	82	3443	0.039	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	9313	0.050	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	1324	0.151	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	12039	0.045	ng	0.00
27) Fluoranthene-d10	19.068	212	17720	0.049	ng	0.00
31) Terphenyl-d14	19.678	244	14566	0.046	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.372	198	3	0.266	ng	# 1
24) Pentachlorophenol	16.677	266	164	0.342	ng	99
25) Phenanthrene	17.066	178	92745	0.237	ng	98
26) Anthracene	17.151	178	30953	0.089	ng	96
28) Fluoranthene	19.097	202	999400	2.304	ng	100
30) Pyrene	19.460	202	868029	1.882	ng	# 94
32) Benzo(a)anthracene	21.217	228	678679	1.560	ng	99
33) Chrysene	21.270	228	503452	1.141	ng	97
34) Bis(2-ethylhexyl)phtha...	21.174	149	9473	0.036	ng	94
36) Indeno(1,2,3-cd)pyrene	25.771	276	487847	0.996	ng	97
37) Benzo(b)fluoranthene	22.817	252	1019287	2.043	ng	99
39) Benzo(a)pyrene	23.392	252	731553	1.639	ng	98
40) Dibenzo(a,h)anthracene	25.784	278	119391	0.307	ng	# 93
41) Benzo(g,h,i)perylene	26.469	276	480437	1.105	ng	99

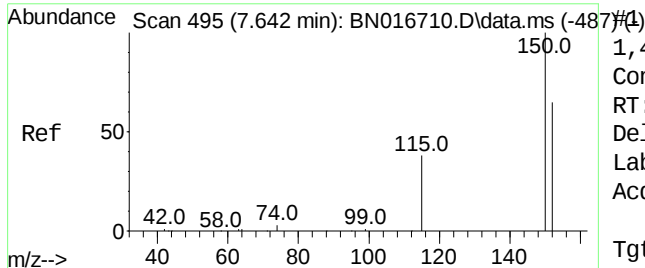
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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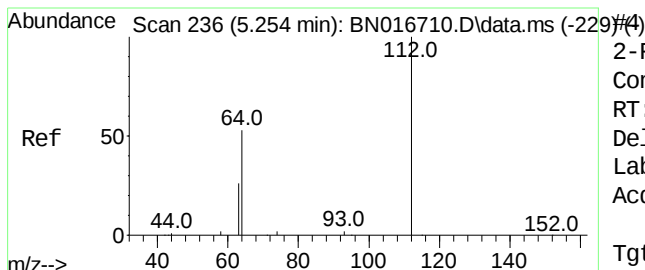
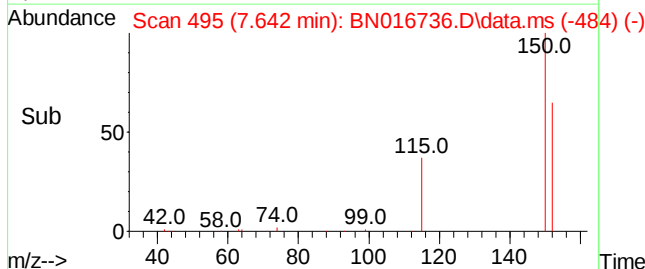
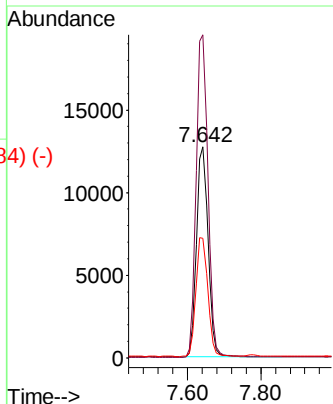
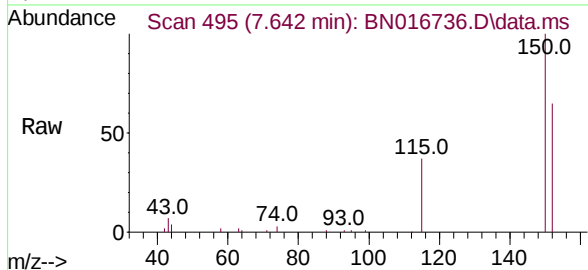




1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

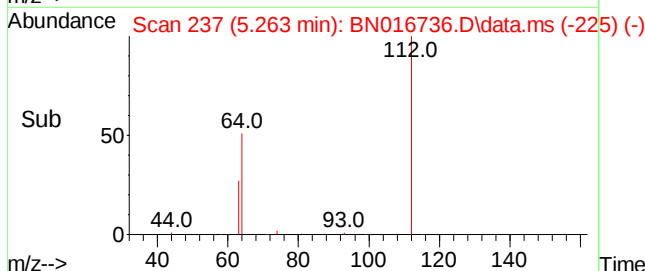
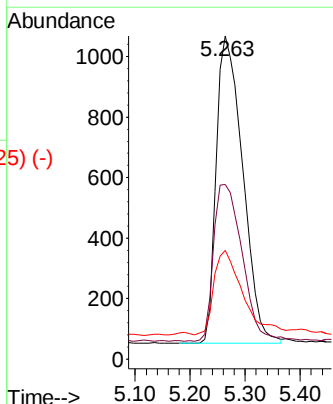
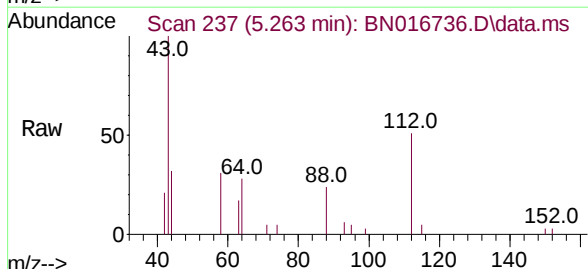
Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL

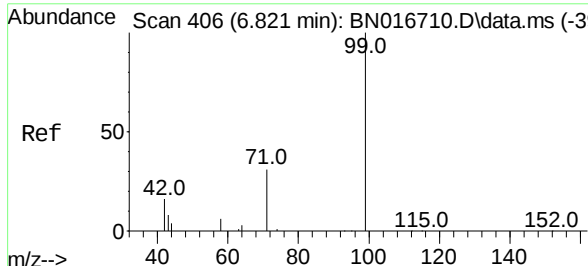
Tgt Ion:	152	Resp:	27802
Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.3	184.9
115	56.7	47.0	70.6



2-Fluorophenol
Concen: 0.048 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	112	Resp:	3419
Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.9	64.3
63	29.7	21.5	32.3

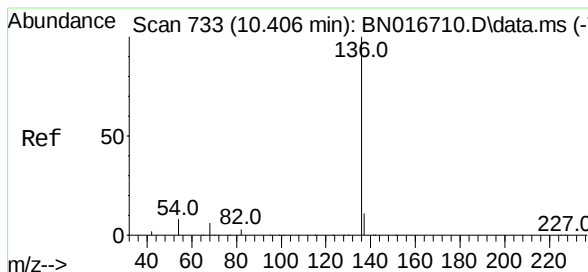
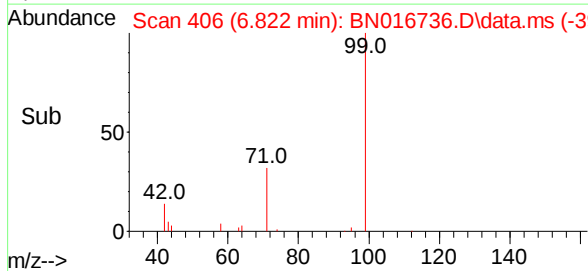
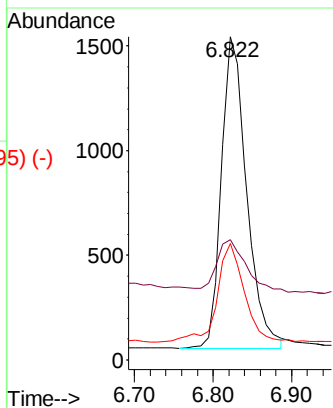
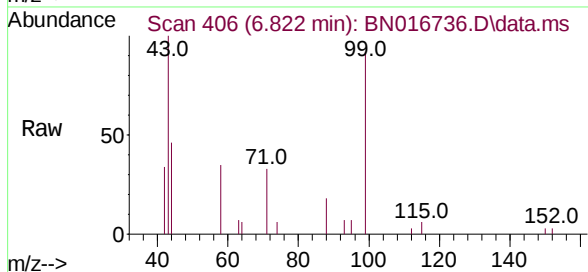




Phenol-d6
 Concen: 0.042 ng
 RT: 6.822 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

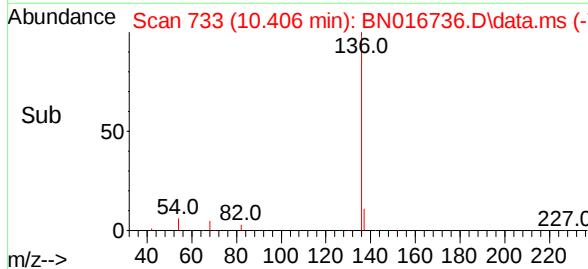
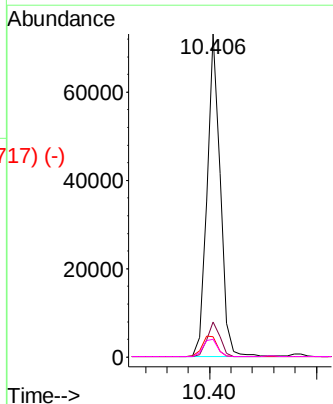
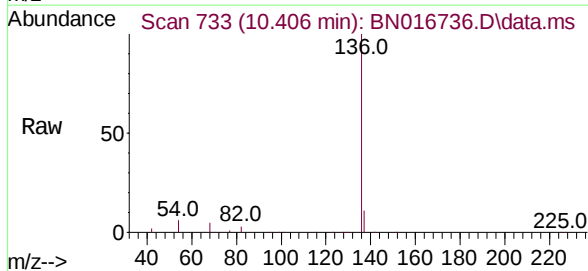
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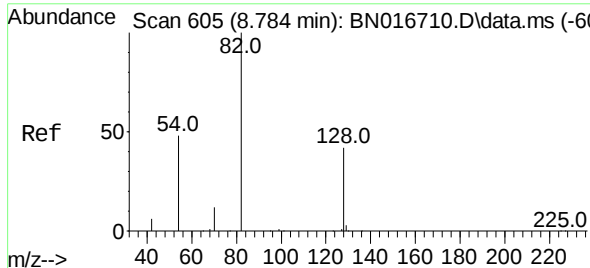
Tgt Ion:	99	Resp:	3331
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	32.9	24.0	36.0



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.406 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

Tgt Ion:	136	Resp:	125895
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.5	9.7#
68	5.4	5.3	7.9

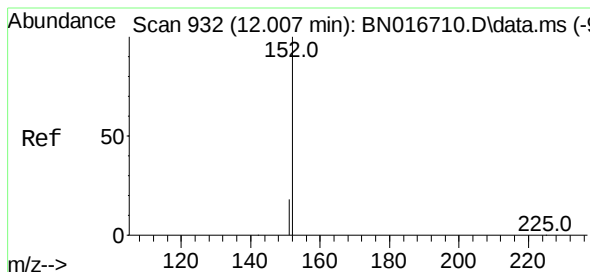
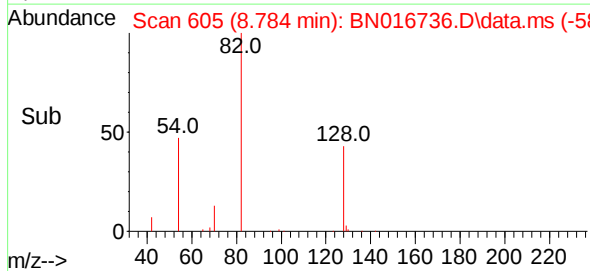
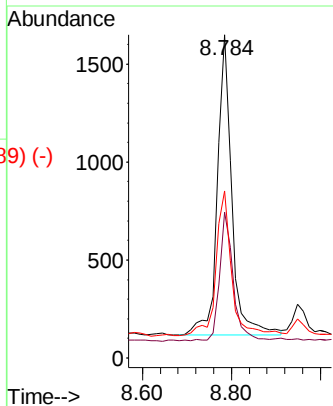
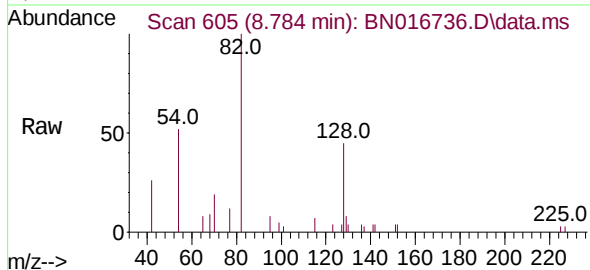




Nitrobenzene-d5
 Concen: 0.039 ng
 RT: 8.784 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

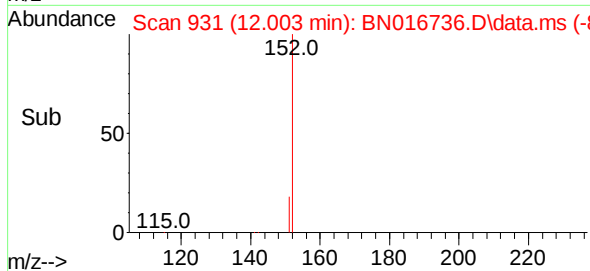
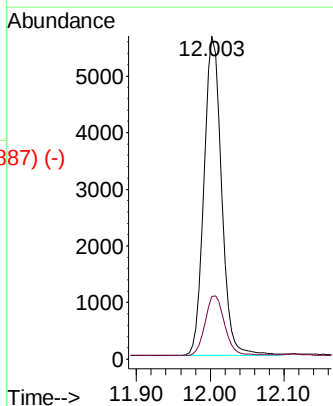
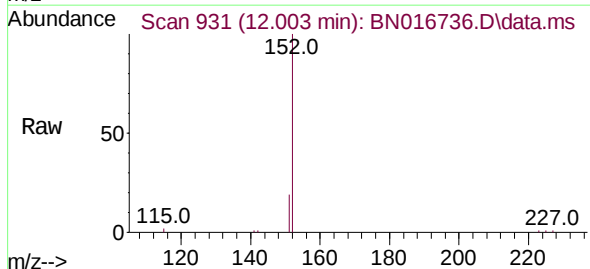
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Tgt Ion:	82	Resp:	3443
Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.8	50.6
54	51.6	38.5	57.7



2-Methylnaphthalene-d10
 Concen: 0.050 ng
 RT: 12.003 min Scan# 931
 Delta R.T. -0.004 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

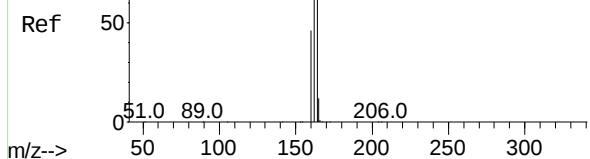
Tgt Ion:	152	Resp:	9313
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4



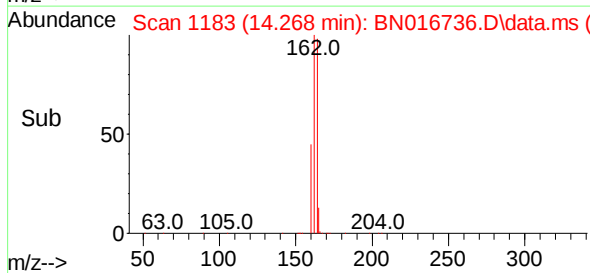
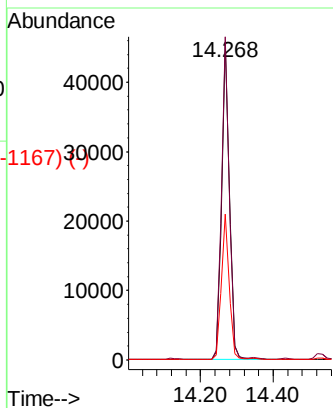
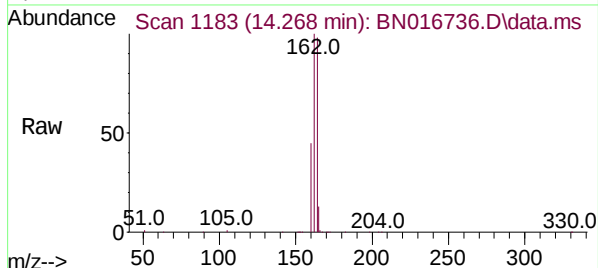
Abundance Scan 1183 (14.268 min): BN016710.D\data.ms (-1175) (-)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL



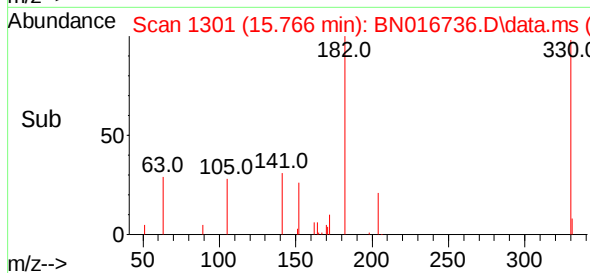
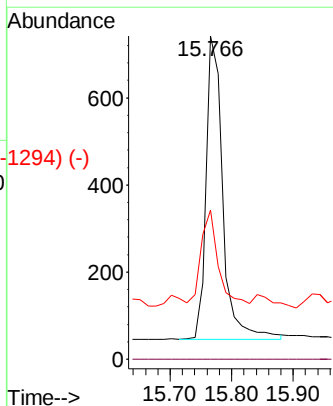
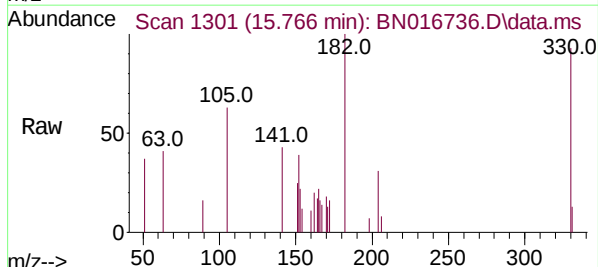
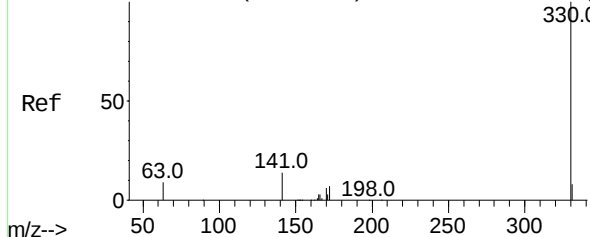
Tgt Ion:	164	Resp:	66495
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	124.0
160	45.9	38.2	57.2

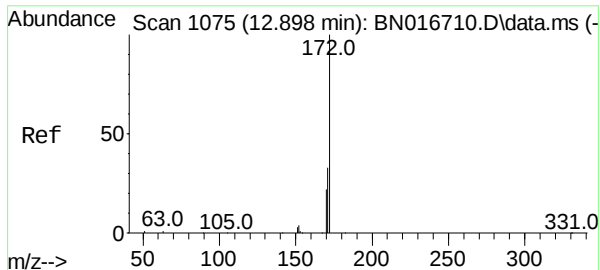


Abundance Scan 1302 (15.778 min): BN016710.D\data.ms (-1294) (-)

2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	330	Resp:	1324
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	30.1	24.2	36.2

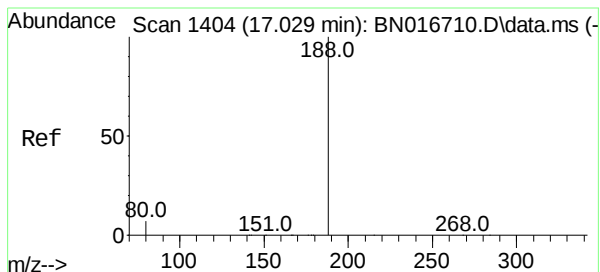
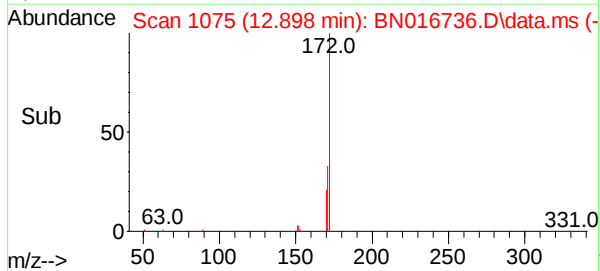
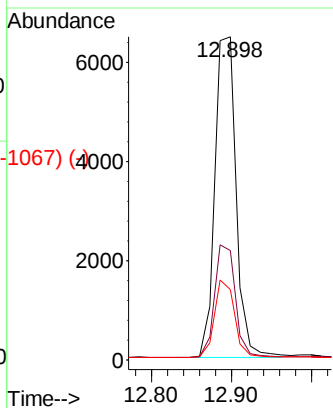
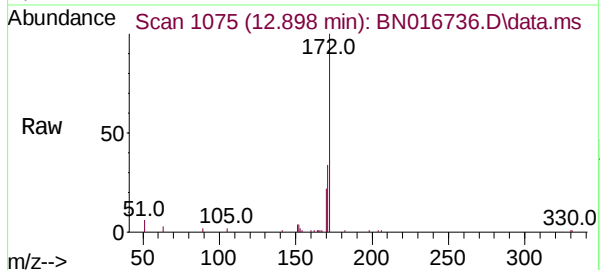




Scan 1075 (12.898 min): BN016710.D\data.ms (-1075) (-)
 2-Fluorobiphenyl
 Concen: 0.045 ng
 RT: 12.898 min Scan# 1075
 Delta R.T. 0.000 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

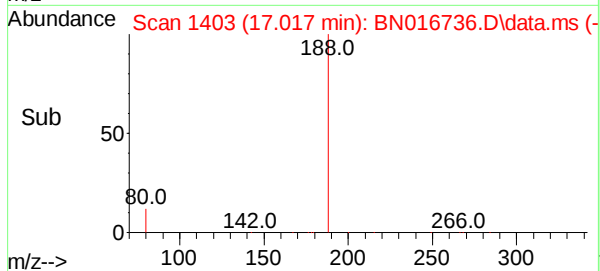
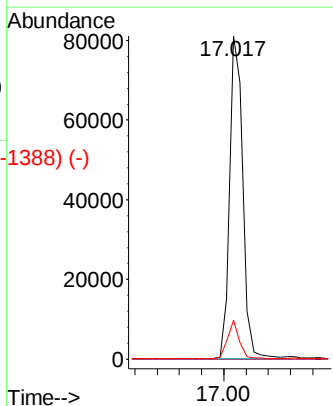
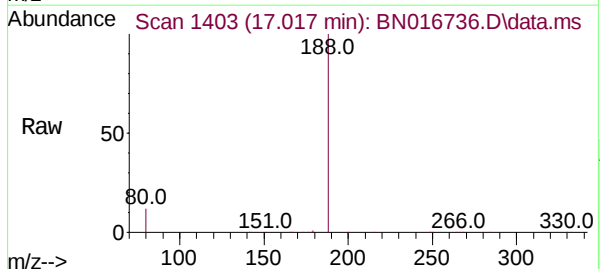
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Tgt Ion:	172	Resp:	12039
Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.9	40.3
170	21.7	17.4	26.0



Scan 1404 (17.029 min): BN016710.D\data.ms (-1404) (-)
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.017 min Scan# 1403
 Delta R.T. -0.012 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

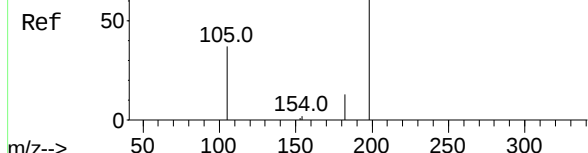
Tgt Ion:	188	Resp:	132981
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	5.8	8.8#



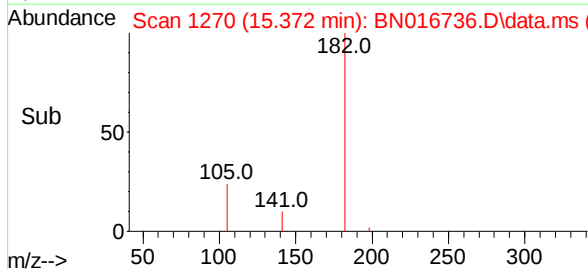
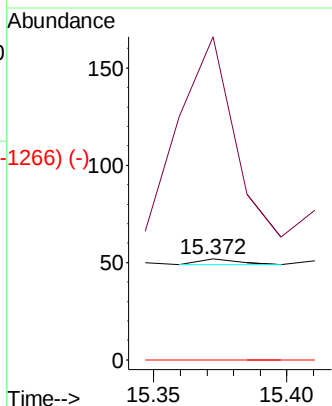
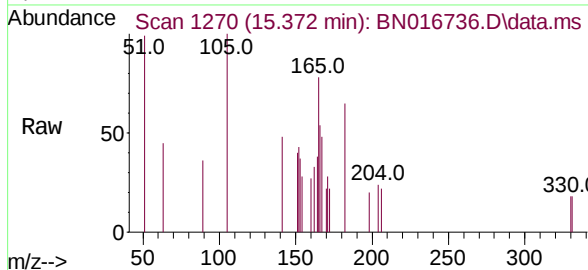
Abundance Scan 1274 (15.423 min): BN016710.D\data.ms (-1228) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.372 min Scan# 1270
Delta R.T. -0.051 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

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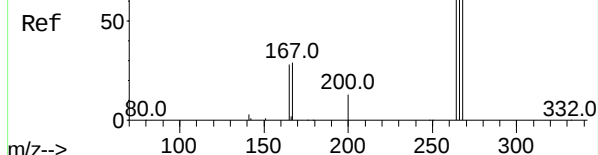


Tgt Ion:	198	Resp:	3
Ion	Ratio	Lower	Upper
198	100		
182	319.2	26.2	39.2#
77	0.0	0.0	0.0

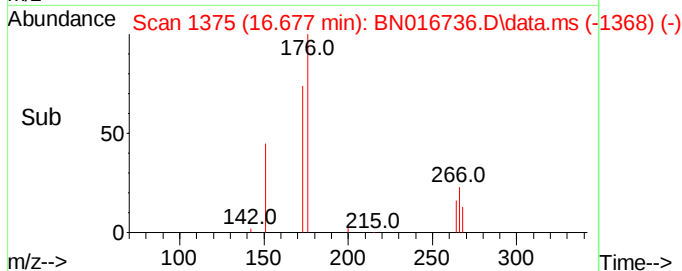
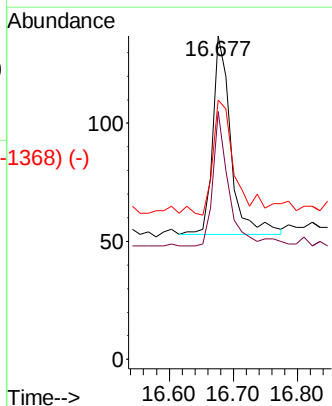
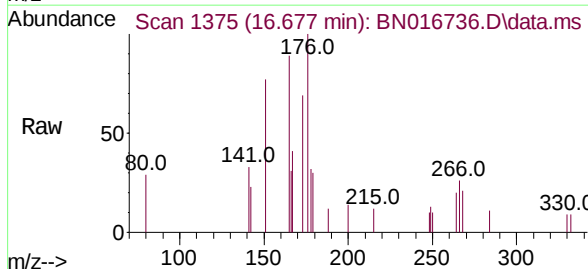


Abundance Scan 1376 (16.689 min): BN016710.D\data.ms (-1329) (-)

Pentachlorophenol
Concen: 0.342 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



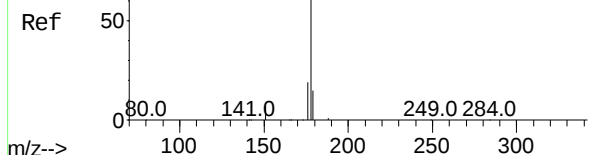
Tgt Ion:	266	Resp:	164
Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.3	73.9
268	65.9	51.8	77.8



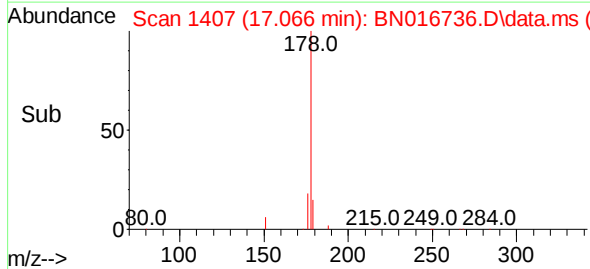
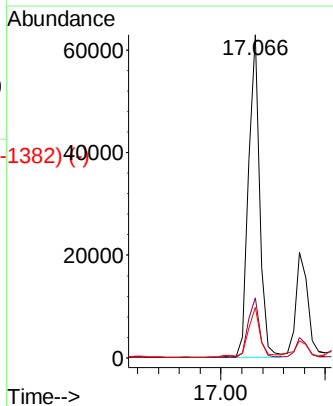
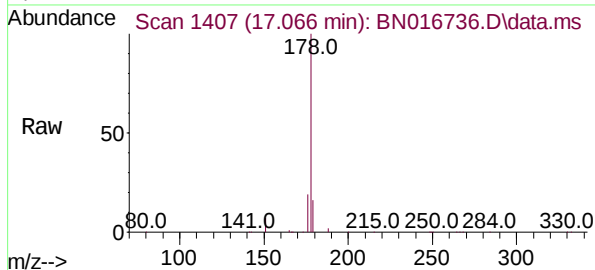
Abundance Scan 1407 (17.066 min): BN016710.D\data.ms (-1325) (-)

Phenanthrene
Concen: 0.237 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
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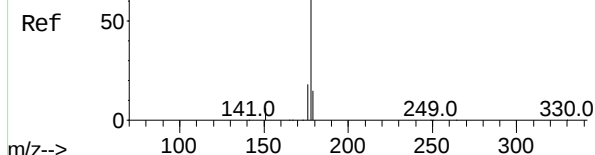


Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	16.8	12.4	18.6

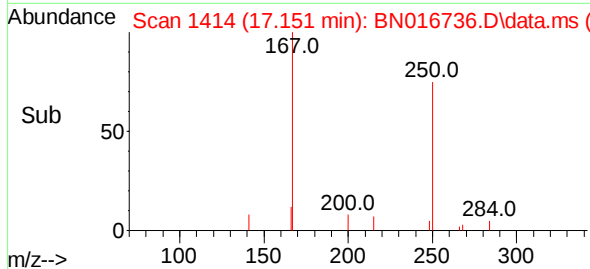
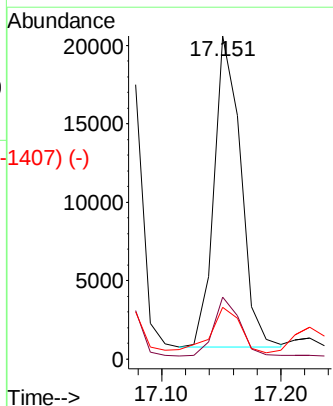
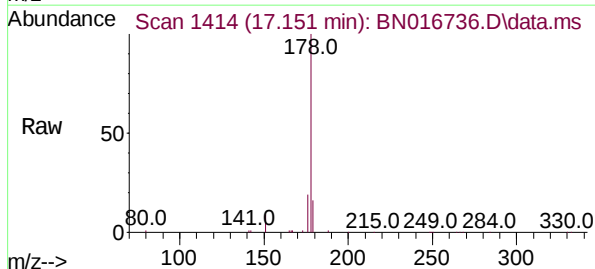


Abundance Scan 1415 (17.163 min): BN016710.D\data.ms (-1428) (-)

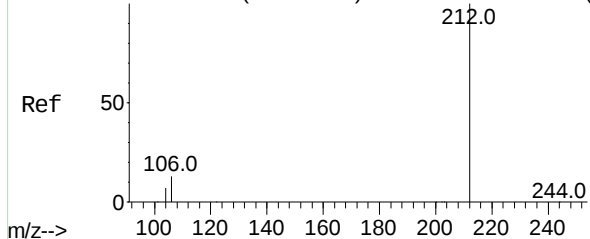
Anthracene
Concen: 0.089 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.5	21.7
179	16.8	12.2	18.4



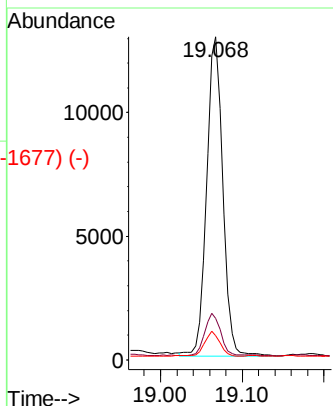
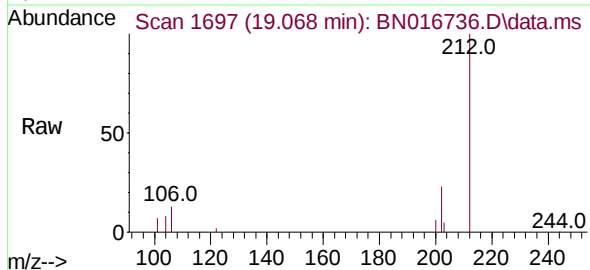
Abundance Scan 1697 (19.068 min): BN016710.D\data.ms (-1627) (-)



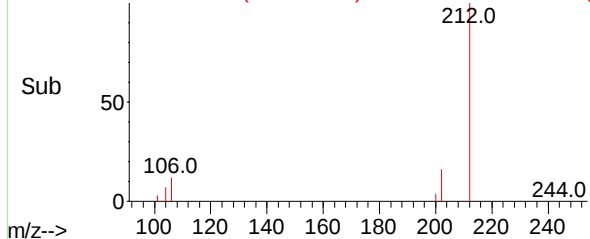
Fluoranthene-d10
Concen: 0.049 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL

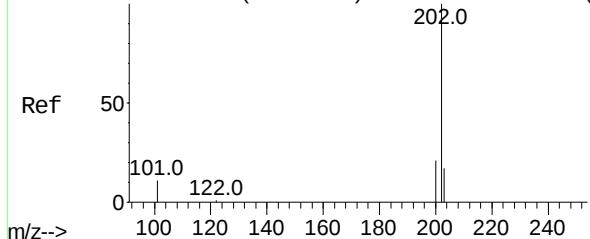
Tgt Ion:	212	Resp:	17720
Ion Ratio	Lower	Upper	
212	100		
106	12.6	10.6	16.0
104	7.4	5.8	8.8



Abundance Scan 1697 (19.068 min): BN016736.D\data.ms (-1677) (-)

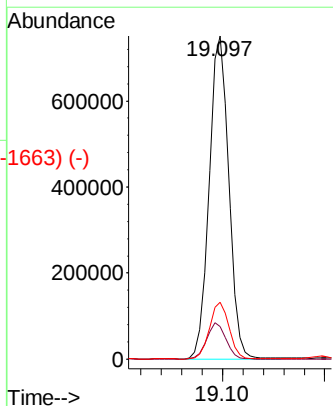
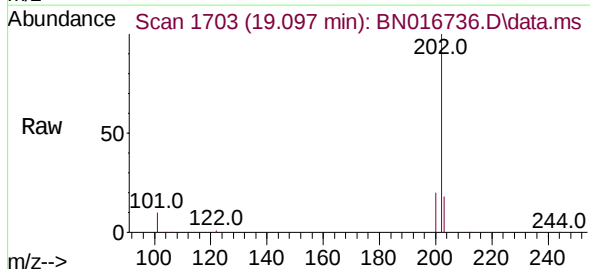


Abundance Scan 1703 (19.097 min): BN016710.D\data.ms (-1628) (-)

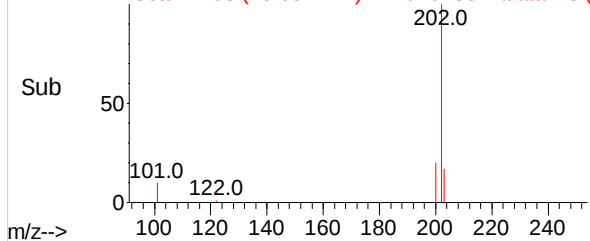


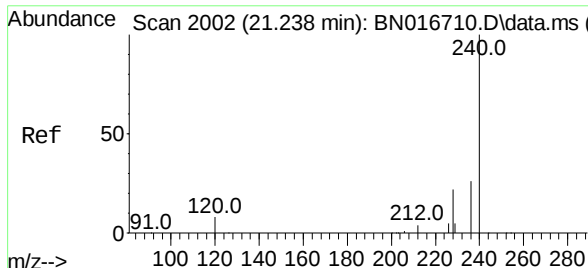
Fluoranthene
Concen: 2.304 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	202	Resp:	999400
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.9	13.3
203	17.4	13.8	20.8



Abundance Scan 1703 (19.097 min): BN016736.D\data.ms (-1663) (-)

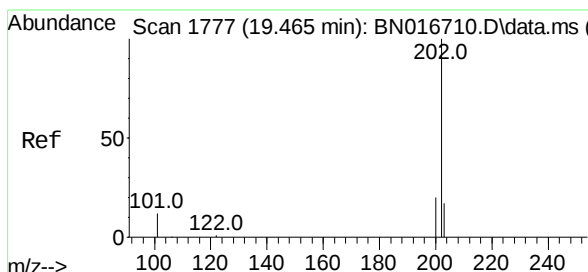
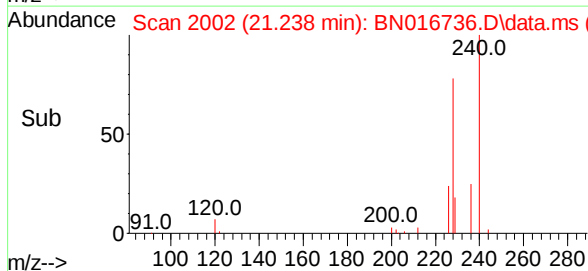
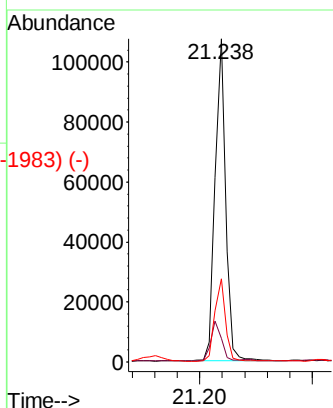
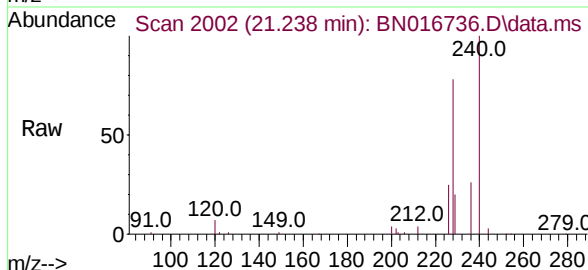




Chrysene-d12
 Concen: 0.400 ng
 RT: 21.238 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

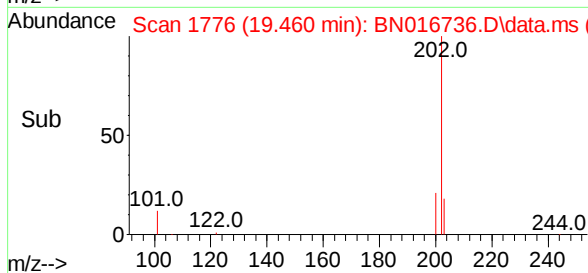
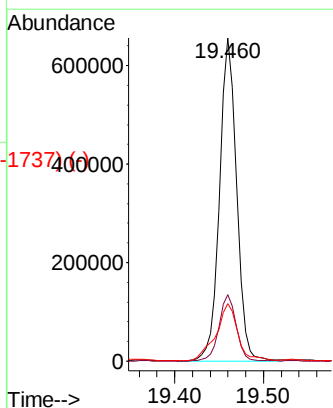
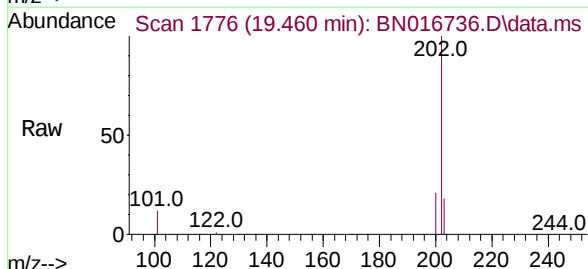
Instrument :
 BNA_N
 ClientSampleId :
 S-823-N-SO-1-1.5-092221DL

Tgt Ion:	240	Resp:	140291
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	25.7	20.7	31.1



Pyrene
 Concen: 1.882 ng
 RT: 19.460 min Scan# 1776
 Delta R.T. -0.005 min
 Lab File: BN016736.D
 Acq: 05 Oct 2021 08:13

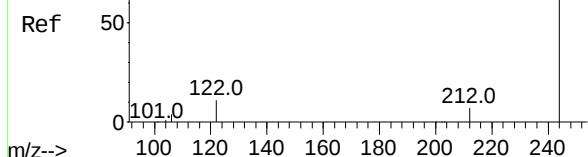
Tgt Ion:	202	Resp:	868029
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	22.6	13.9	20.9#



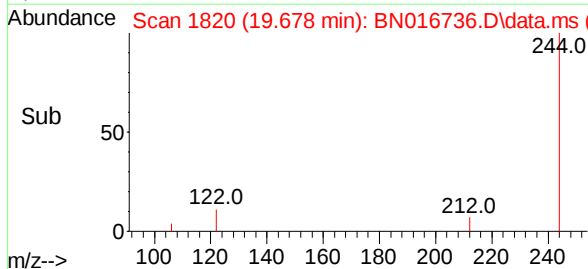
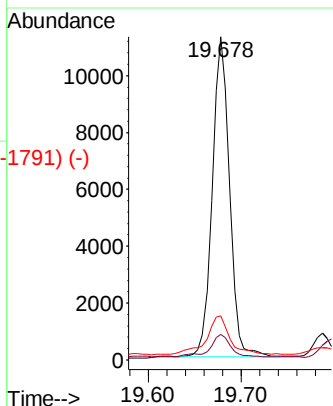
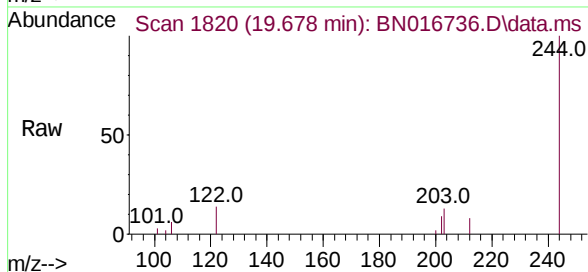
Abundance Scan 1821 (19.683 min): BN016710.D\data.ms (-1791) (-)

Terphenyl-d14
Concen: 0.046 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL

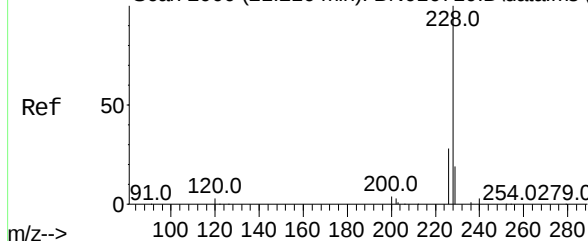


Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	13.7	8.9	13.3#

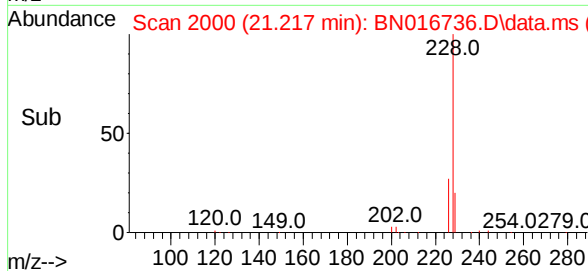
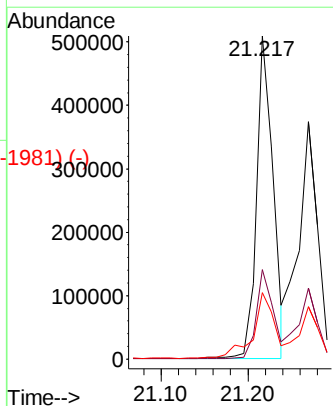
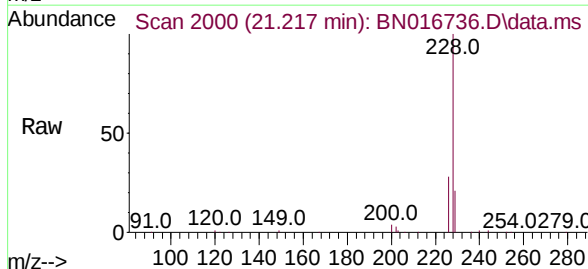


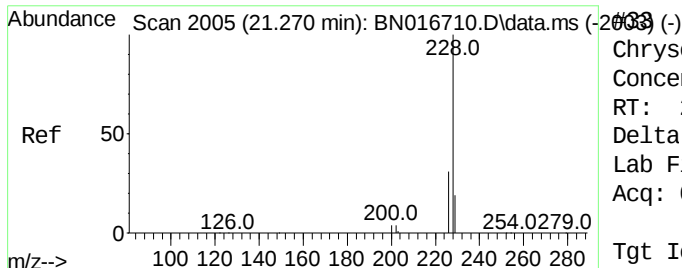
Abundance Scan 2000 (21.216 min): BN016710.D\data.ms (-1981) (-)

Benzo(a)anthracene
Concen: 1.560 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.5	15.4	23.0

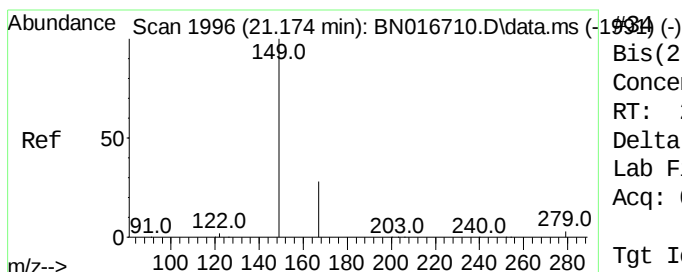
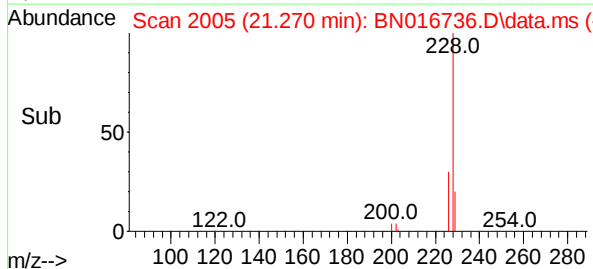
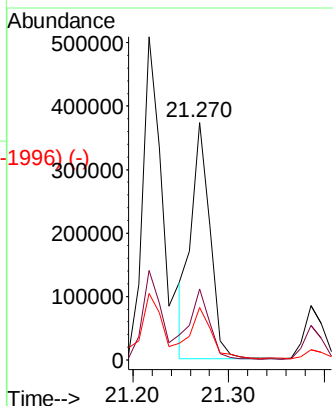
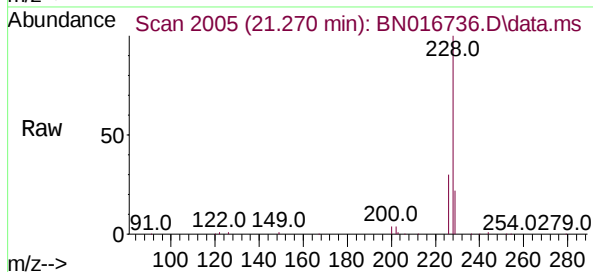




Chrysene
Concen: 1.141 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

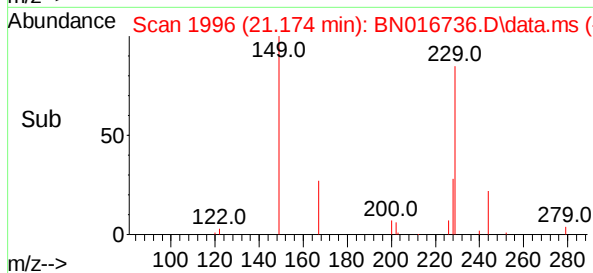
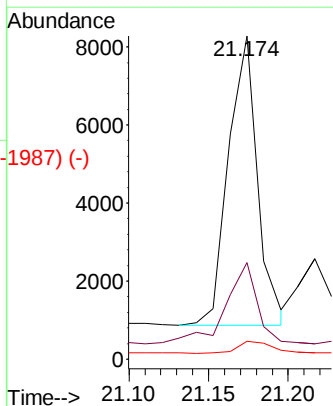
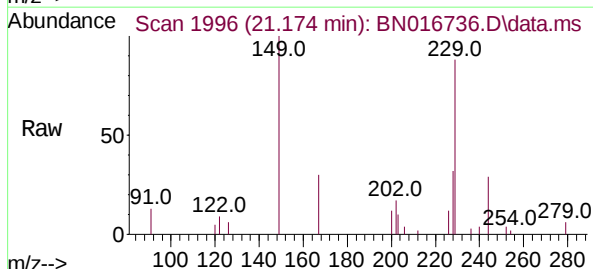
Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL

Tgt Ion:	228	Resp:	503452
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	22.1	15.4	23.0



Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	149	Resp:	9473
Ion	Ratio	Lower	Upper
149	100		
167	31.3	22.2	33.4
279	5.0	3.4	5.2



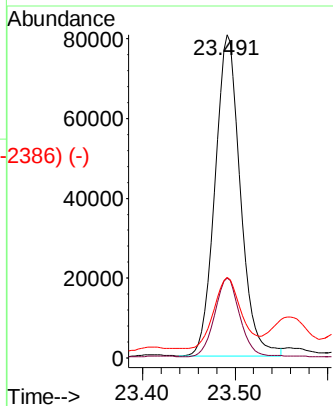
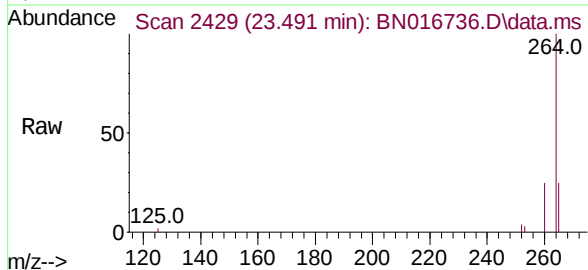
Abundance Scan 2430 (23.494 min): BN016710.D\data.ms (-2435) (-)

Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

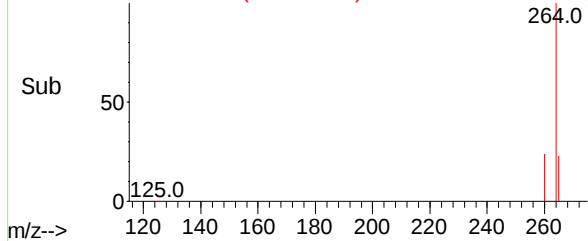
Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	24.9	20.3	30.5



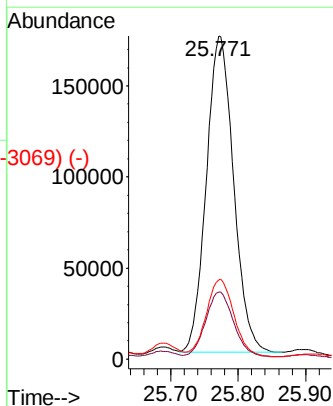
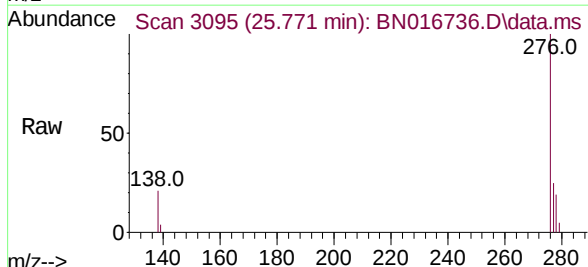
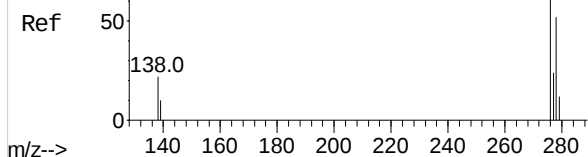
Abundance Scan 2429 (23.491 min): BN016736.D\data.ms (-2386) (-)



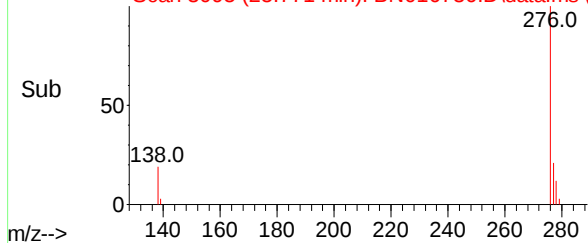
Abundance Scan 3098 (25.781 min): BN016710.D\data.ms (-3038) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.996 ng
RT: 25.771 min Scan# 3095
Delta R.T. -0.010 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.2	28.8
277	24.8	20.0	30.0



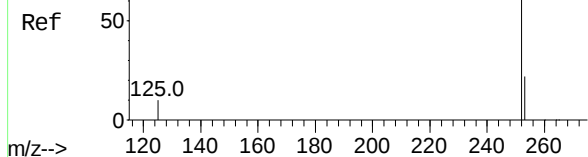
Abundance Scan 3095 (25.771 min): BN016736.D\data.ms (-3069) (-)



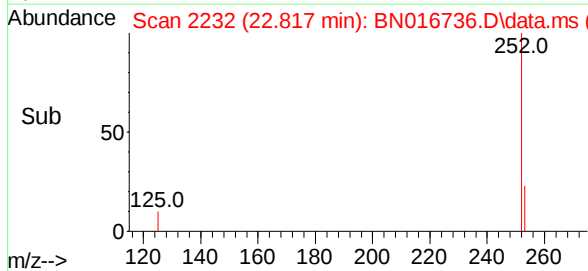
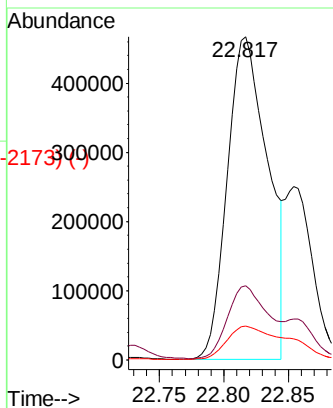
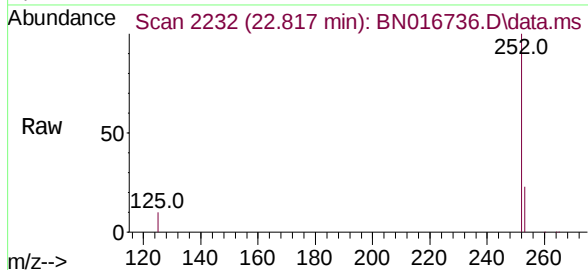
Abundance Scan 2231 (22.813 min): BN016710.D\data.ms (-2137) (-)

Benzo(b)fluoranthene
Concen: 2.043 ng
RT: 22.817 min Scan# 2232
Delta R.T. 0.004 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL



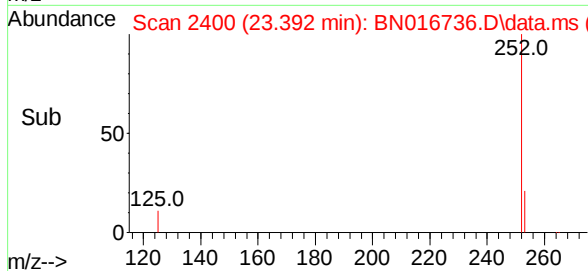
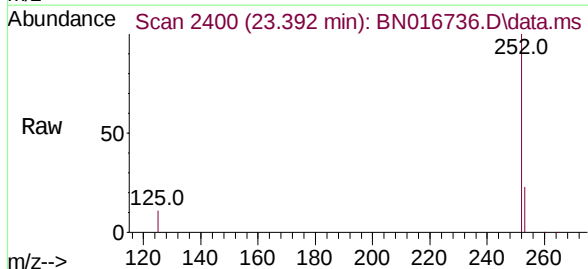
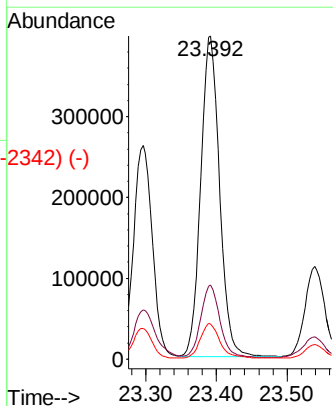
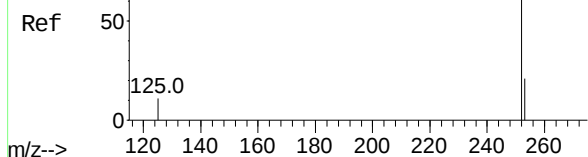
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.5	8.3	12.5



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

Benzo(a)pyrene
Concen: 1.639 ng
RT: 23.392 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

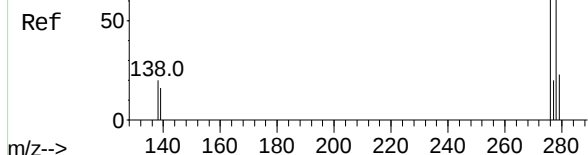
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.9	9.4	14.2



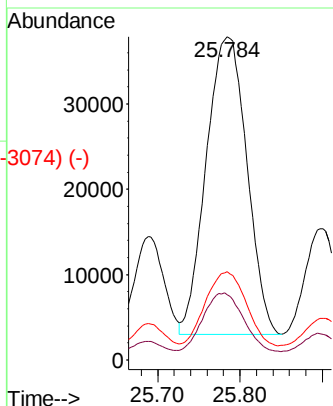
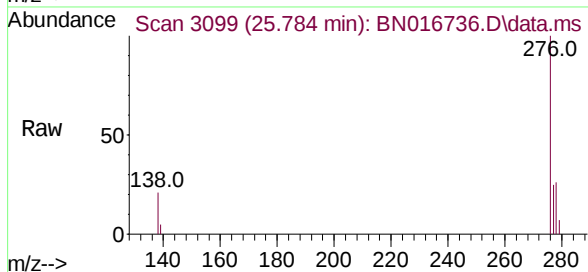
Abundance Scan 3103 (25.798 min): BN016710.D\data.ms (-3074) (-)

Dibenzo(a,h)anthracene
Concen: 0.307 ng
RT: 25.784 min Scan# 3099
Delta R.T. -0.014 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

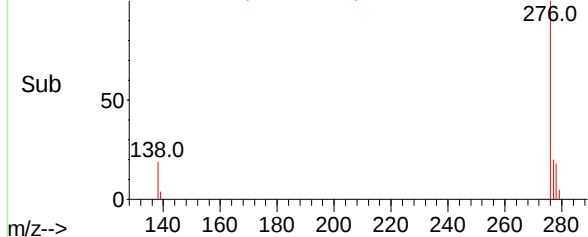
Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL



Tgt Ion:	278	Resp:	119391
Ion Ratio	Lower	Upper	
278	100		
139	20.2	13.1	19.7#
279	27.3	19.3	28.9



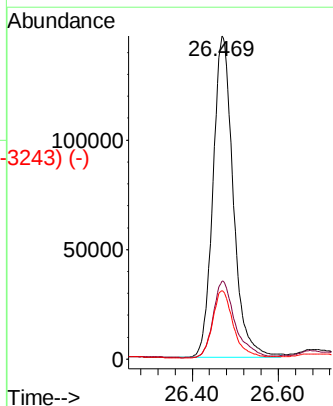
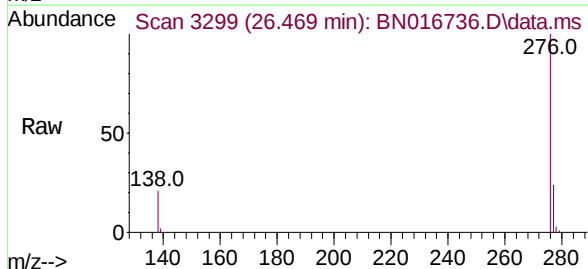
Abundance Scan 3099 (25.784 min): BN016736.D\data.ms (-3074) (-)



Abundance Scan 3301 (26.476 min): BN016710.D\data.ms (-3243) (-)

Benzo(g,h,i)perylene
Concen: 1.105 ng
RT: 26.469 min Scan# 3299
Delta R.T. -0.007 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	276	Resp:	480437
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.4
138	21.2	17.0	25.6



Abundance Scan 3299 (26.469 min): BN016736.D\data.ms (-3243) (-)

