Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016568.D
Acq On : 28 Sep 2021 23:15
Operator : CG/JU
Sample : PB139372BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139372BS

Quant Time: Sep 29 01:56:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 01:39:43 2021
Response via : Initial Calibration

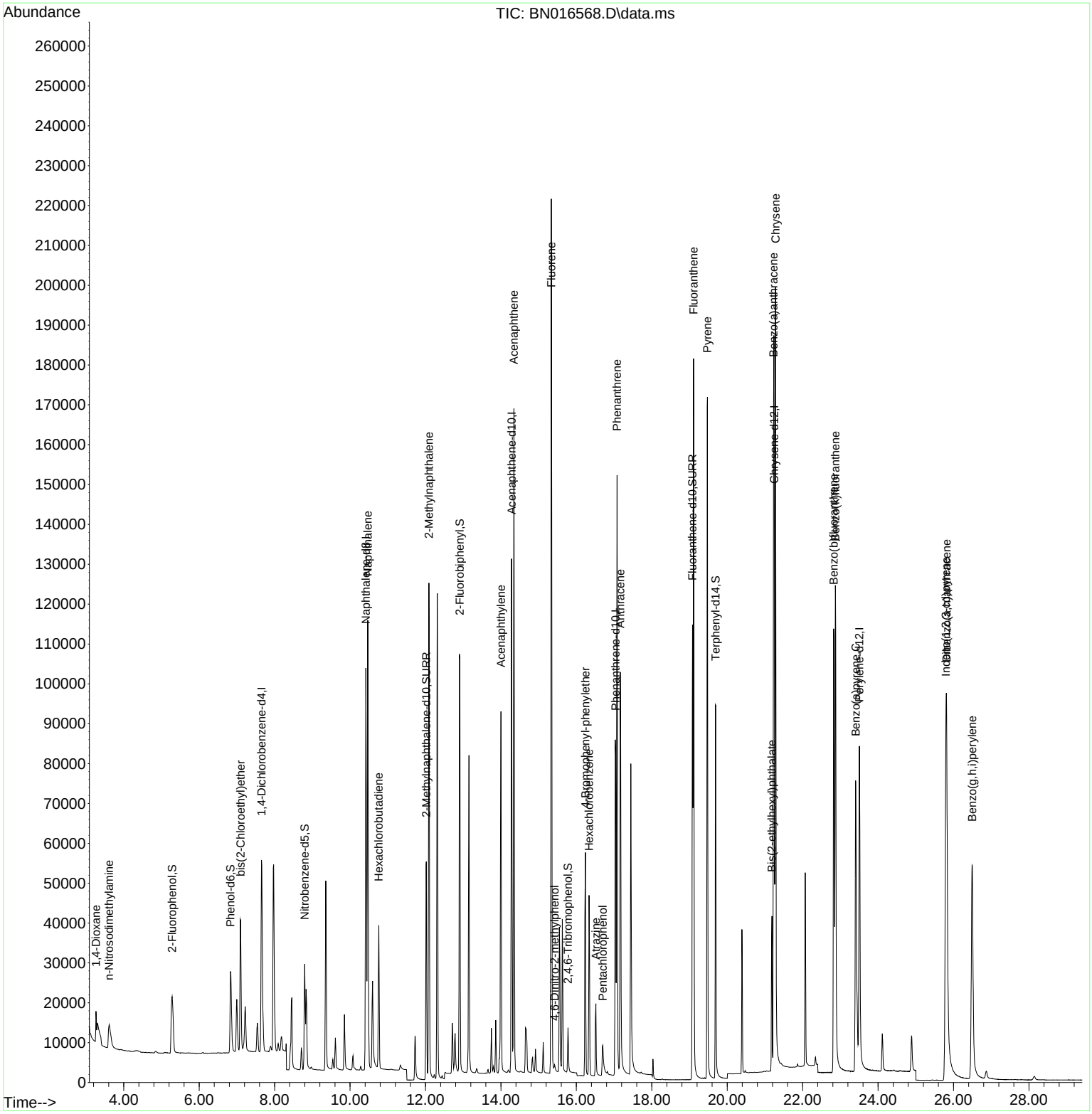
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	32398	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	139526	0.400	ng	# 0.00
13) Acenaphthene-d10	14.282	164	70780	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	132283	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	118248	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	115440	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	28931	0.359	ng	0.00
5) Phenol-d6	6.831	99	28414	0.351	ng	0.00
8) Nitrobenzene-d5	8.797	82	23622	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	77037	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	9365	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	109503	0.376	ng	0.00
27) Fluoranthene-d10	19.078	212	132777	0.371	ng	0.00
31) Terphenyl-d14	19.693	244	103612	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	4618	0.331	ng	# 57
3) n-Nitrosodimethylamine	3.613	42	9167	0.356	ng	# 56
6) bis(2-Chloroethyl)ether	7.098	93	33073	0.388	ng	91
9) Naphthalene	10.470	128	144175	0.383	ng	100
10) Hexachlorobutadiene	10.762	225	28217	0.380	ng	# 99
12) 2-Methylnaphthalene	12.092	142	91829	0.392	ng	99
16) Acenaphthylene	14.002	152	106686	0.340	ng	100
17) Acenaphthene	14.345	154	79472	0.373	ng	93
18) Fluorene	15.335	166	96325	0.371	ng	99
20) 4,6-Dinitro-2-methylph...	15.423	198	1398	0.343	ng	98
21) 4-Bromophenyl-phenylether	16.239	248	29317	0.375	ng	# 72
22) Hexachlorobenzene	16.336	284	36239	0.388	ng	94
23) Atrazine	16.519	200	16938	0.353	ng	# 94
24) Pentachlorophenol	16.701	266	7309	0.369	ng	99
25) Phenanthrene	17.078	178	152889	0.384	ng	100
26) Anthracene	17.164	178	123777	0.358	ng	100
28) Fluoranthene	19.108	202	166544	0.383	ng	98
30) Pyrene	19.475	202	163394	0.405	ng	100
32) Benzo(a)anthracene	21.228	228	138532	0.378	ng	99
33) Chrysene	21.281	228	156162	0.418	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	38010	0.348	ng	100
36) Indeno(1,2,3-cd)pyrene	25.798	276	144629	0.393	ng	97
37) Benzo(b)fluoranthene	22.824	252	144266	0.374	ng	99
38) Benzo(k)fluoranthene	22.868	252	149905	0.399	ng	# 96
39) Benzo(a)pyrene	23.406	252	129258	0.366	ng	98
40) Dibenzo(a,h)anthracene	25.816	278	111792	0.437	ng	# 95
41) Benzo(g,h,i)perylene	26.497	276	128694	0.384	ng	98

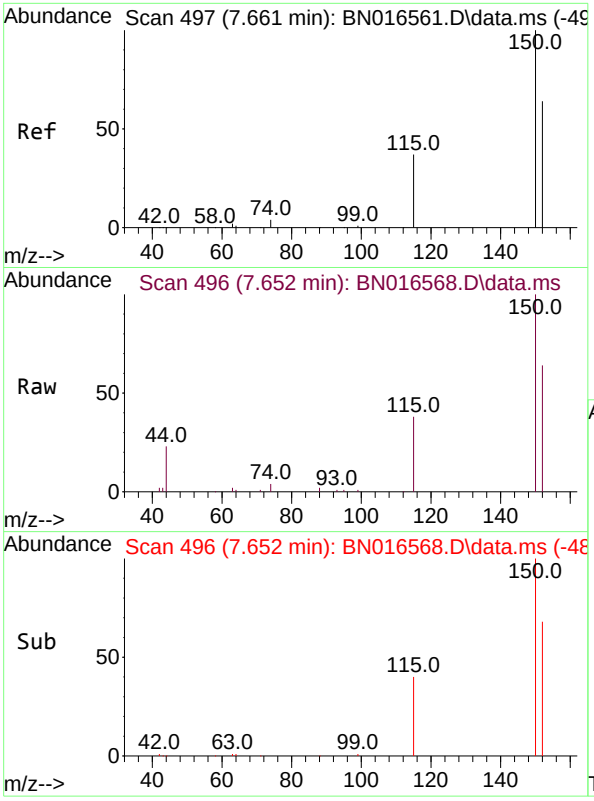
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016568.D
Acq On : 28 Sep 2021 23:15
Operator : CG/JU
Sample : PB139372BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139372BS

Quant Time: Sep 29 01:56:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 01:39:43 2021
Response via : Initial Calibration

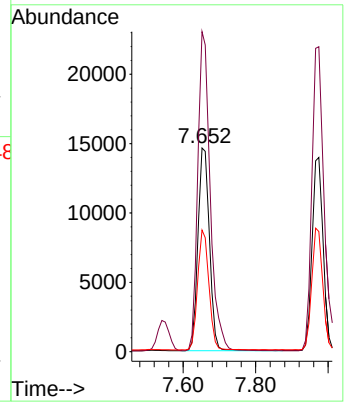




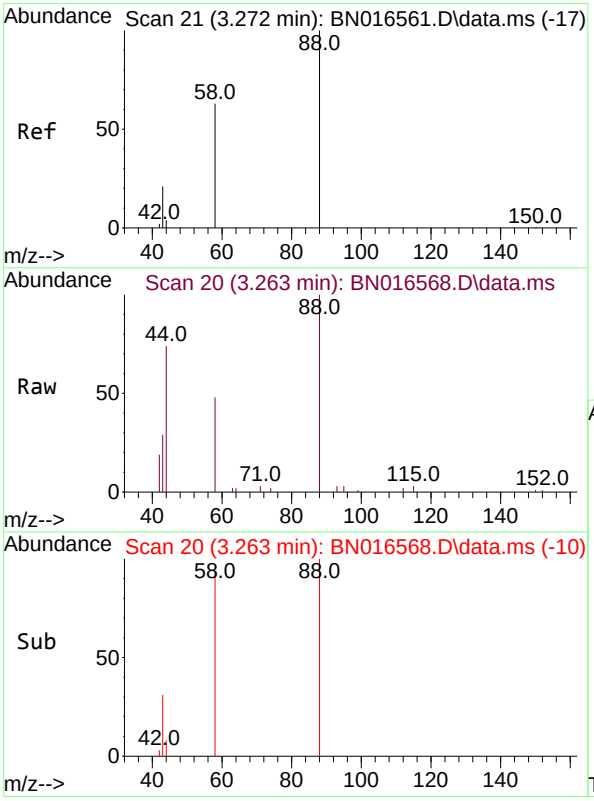
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.652 min Scan# 496
Delta R.T. -0.009 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:152 Resp: 32398

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.1	187.7
115	59.7	45.8	68.8



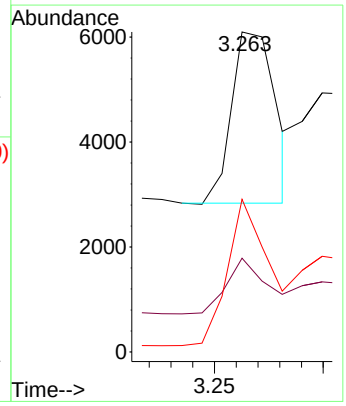
Instrument :
BNA_N
ClientSampleId :
PB139372BS



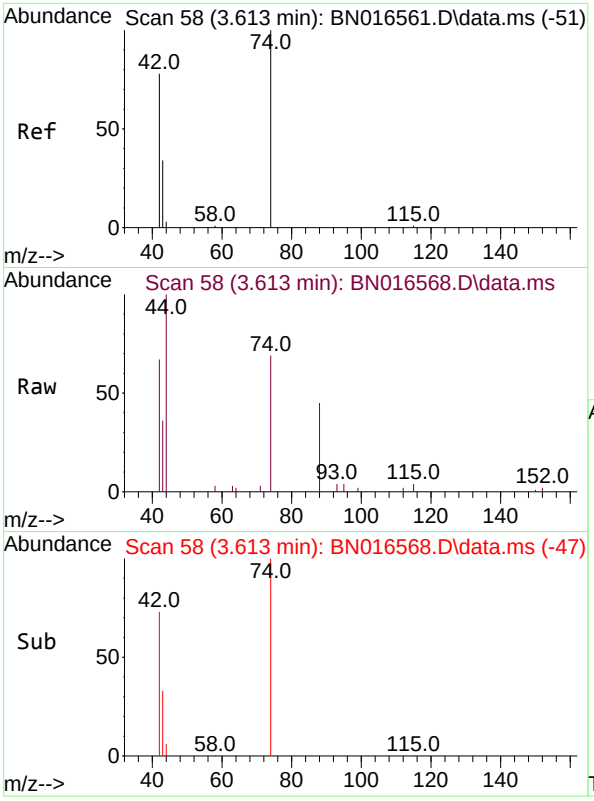
#2
1,4-Dioxane
Concen: 0.331 ng
RT: 3.263 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion: 88 Resp: 4618

Ion	Ratio	Lower	Upper
88	100		
43	29.8	75.8	113.8#
58	80.4	81.6	122.4#



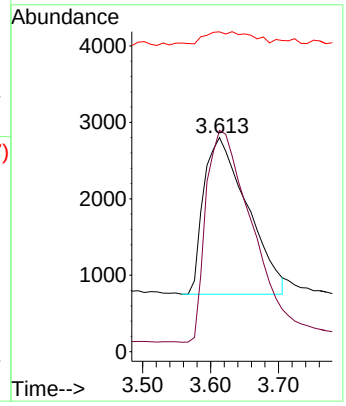
Instrument :
BNA_N
ClientSampleId :
PB139372BS

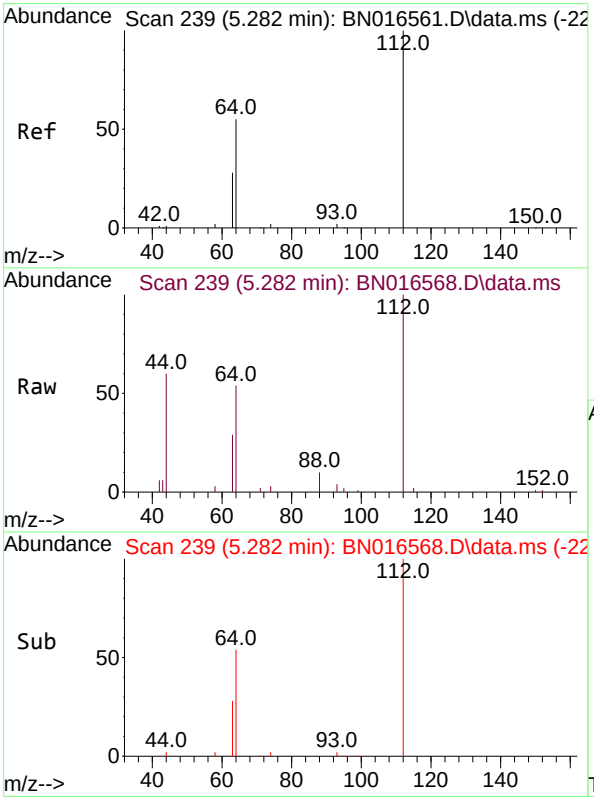


#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.613 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion: 42 Resp: 9167

Ion	Ratio	Lower	Upper
42	100		
74	140.0	77.5	116.3#
44	9.5	0.0	0.0#

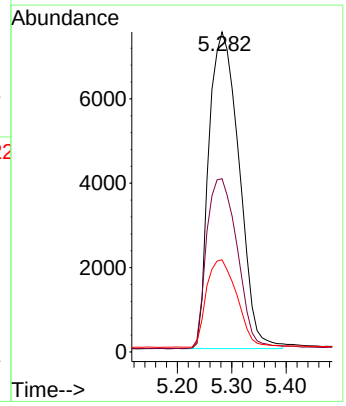




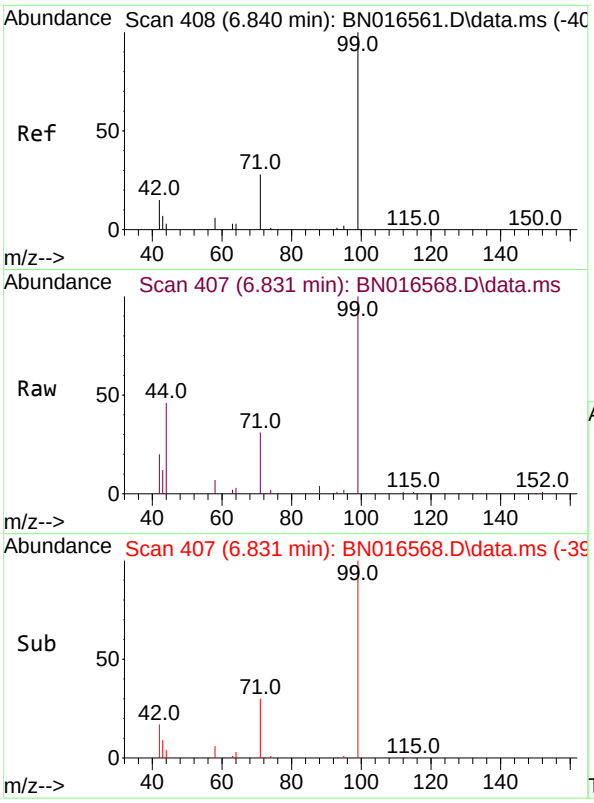
#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.282 min Scan# 239
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:112 Resp: 28931

Ion	Ratio	Lower	Upper
112	100		
64	54.7	48.4	72.6
63	27.9	25.4	38.2



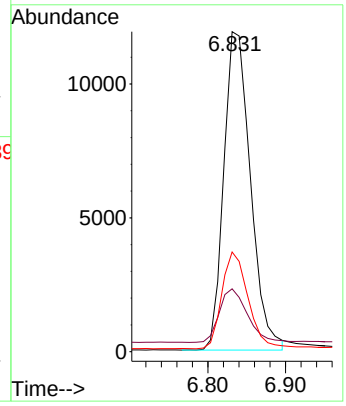
Instrument :
BNA_N
ClientSampleId :
PB139372BS

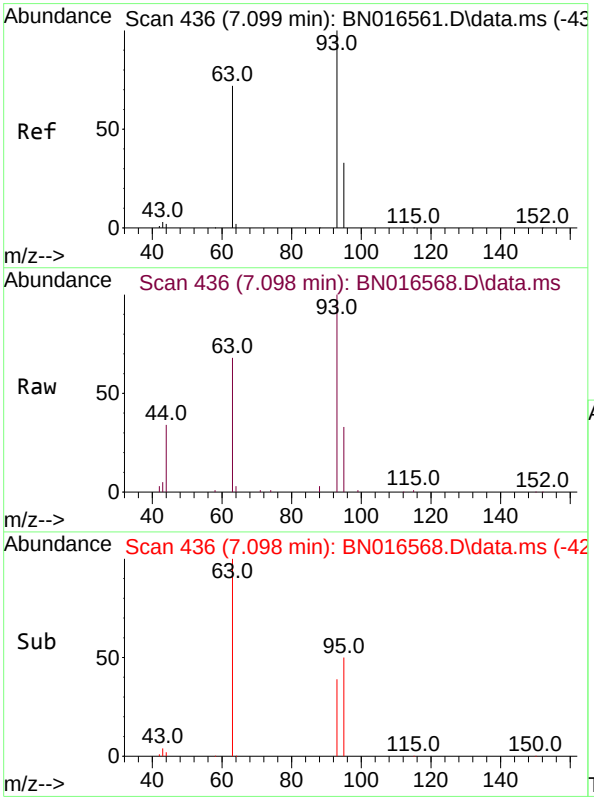


#5
Phenol-d6
Concen: 0.351 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.009 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion: 99 Resp: 28414

Ion	Ratio	Lower	Upper
99	100		
42	17.6	19.6	29.4#
71	29.8	24.2	36.2

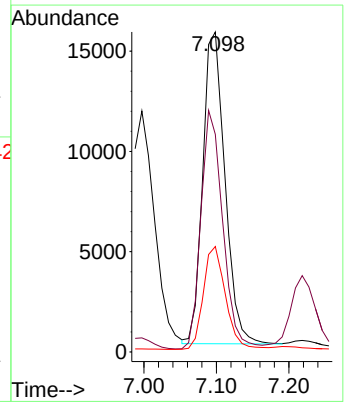


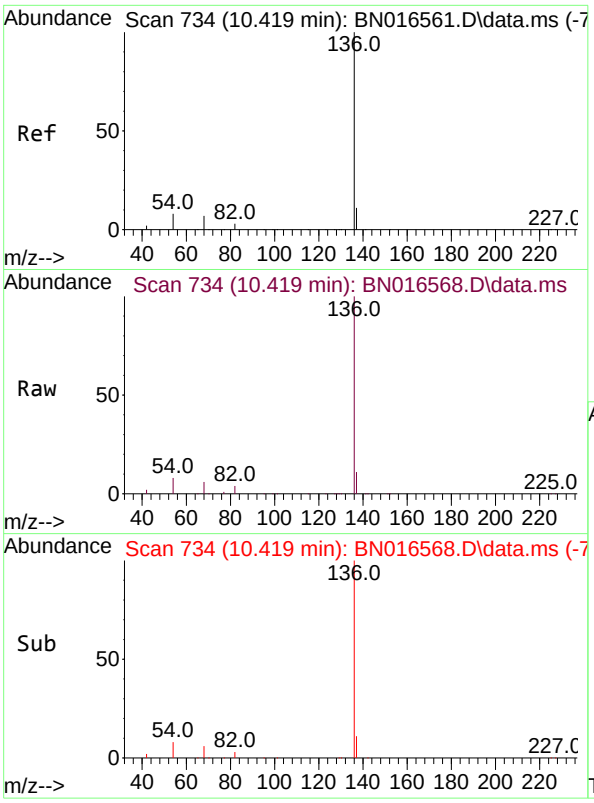


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.098 min Scan# 436
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion: 93 Resp: 33073

Ion	Ratio	Lower	Upper
93	100		
63	75.5	70.0	105.0
95	33.0	26.3	39.5

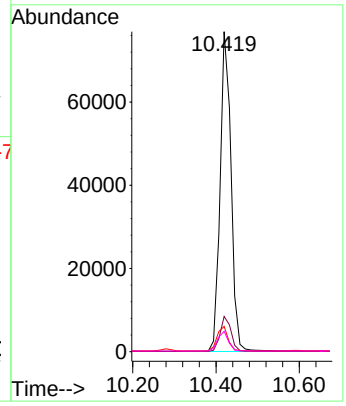


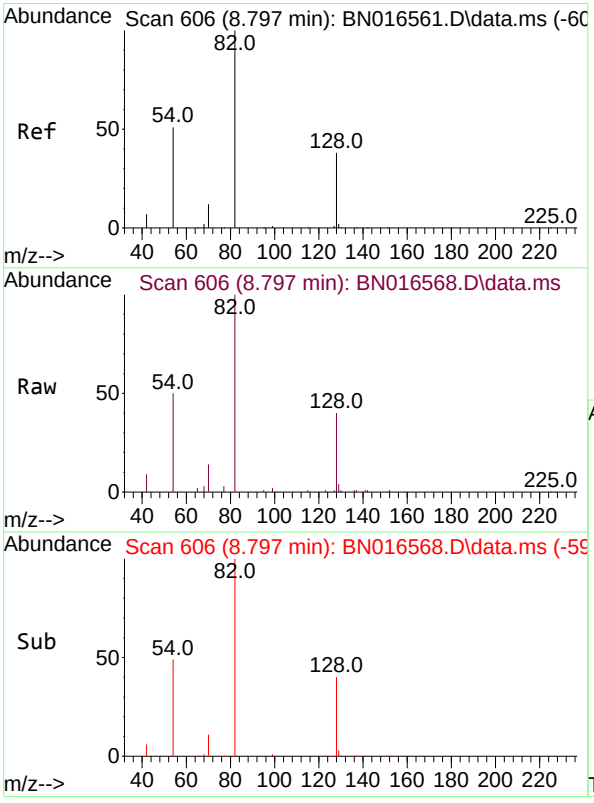


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:136 Resp: 139526

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	5.8	8.6
68	6.4	3.6	5.4#

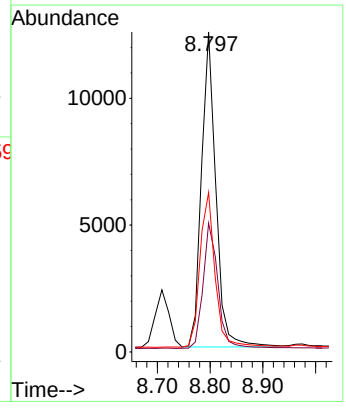




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.797 min Scan# 606
Delta R.T. 0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

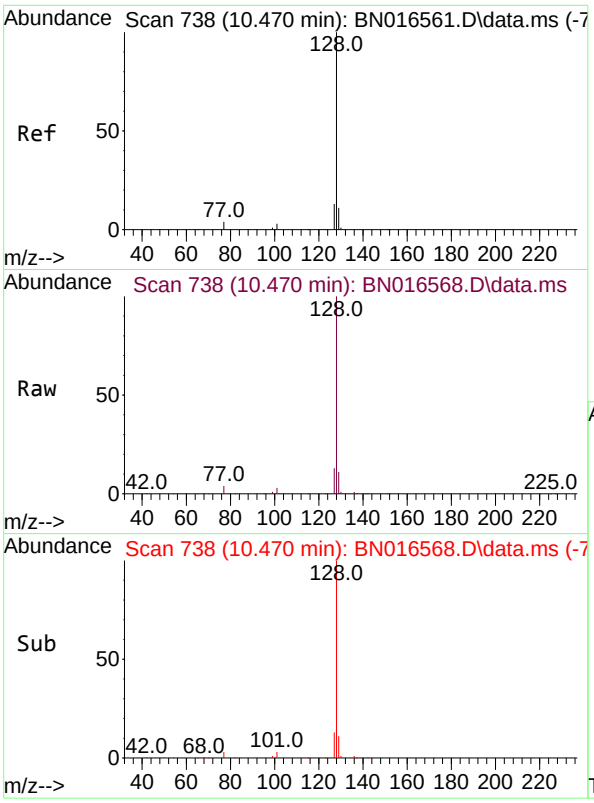
Tgt Ion: 82 Resp: 23622

Ion	Ratio	Lower	Upper
82	100		
128	40.2	27.4	41.2
54	49.9	58.5	87.7#



Instrument :
BNA_N
ClientSampleId :
PB139372BS

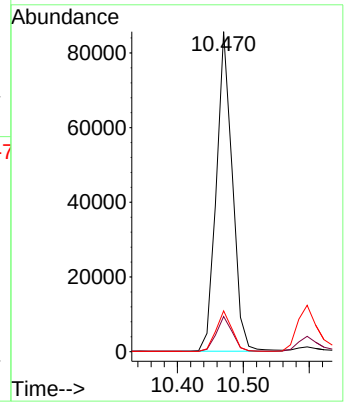
Instrument :
BNA_N
ClientSampleId :
PB139372BS

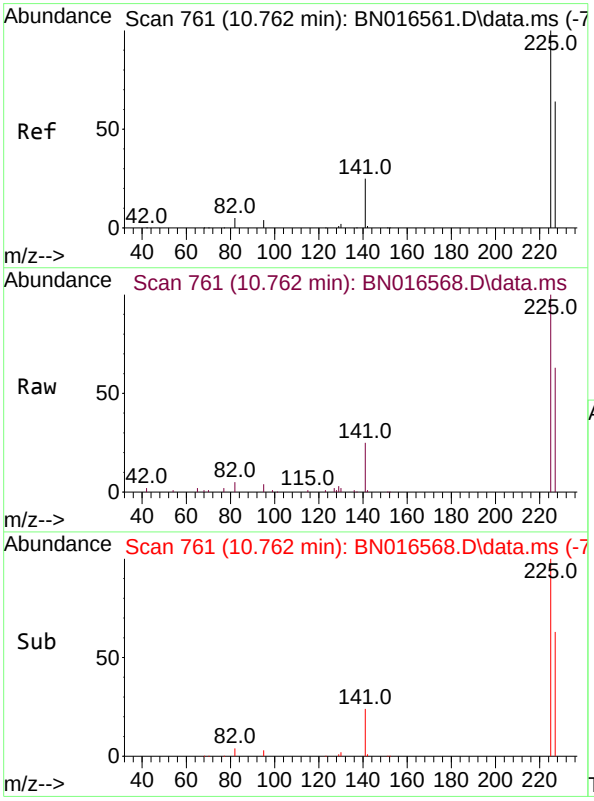


#9
Naphthalene
Concen: 0.383 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:128 Resp: 144175

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.8	10.1	15.1

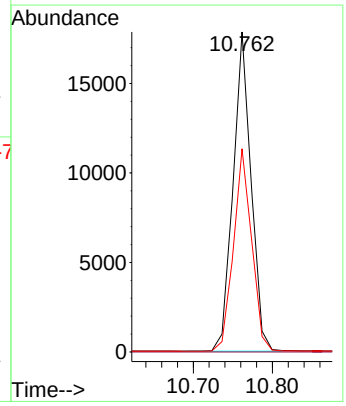


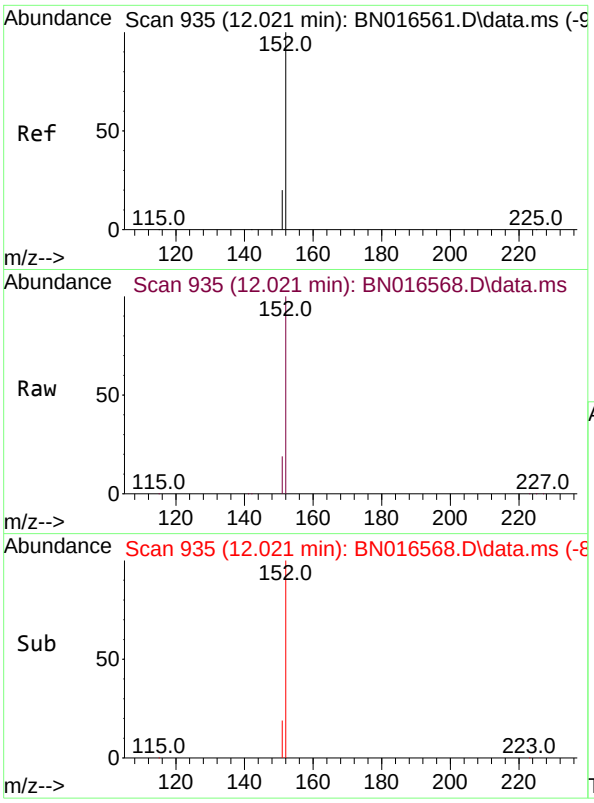


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.762 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:225 Resp: 28217

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.4	75.6

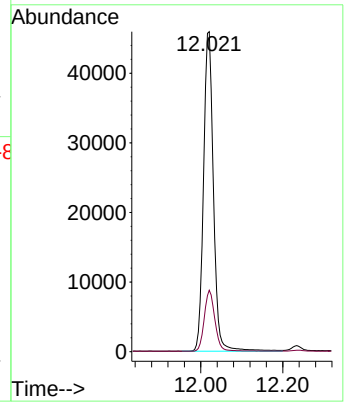




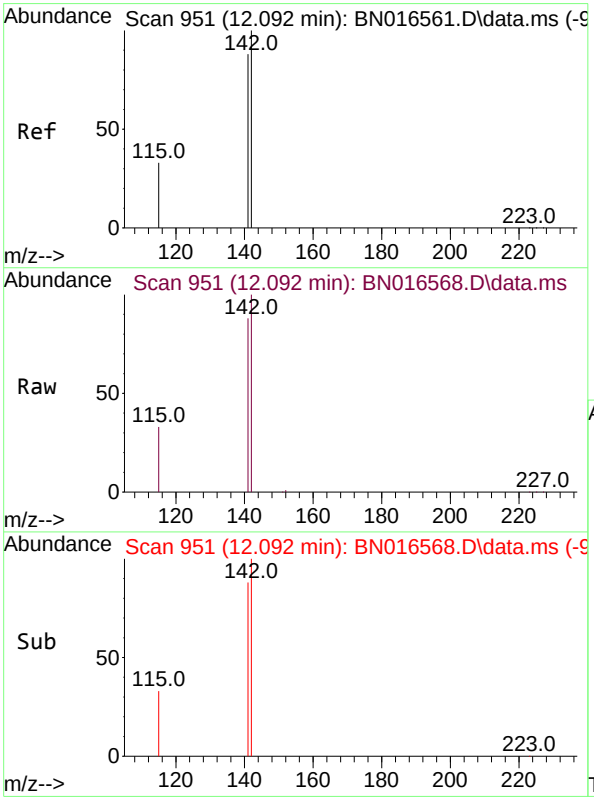
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.021 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:152 Resp: 77037

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0



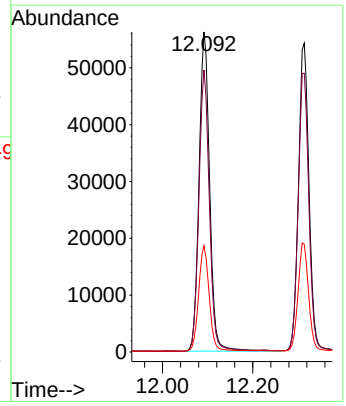
Instrument :
BNA_N
ClientSampleId :
PB139372BS



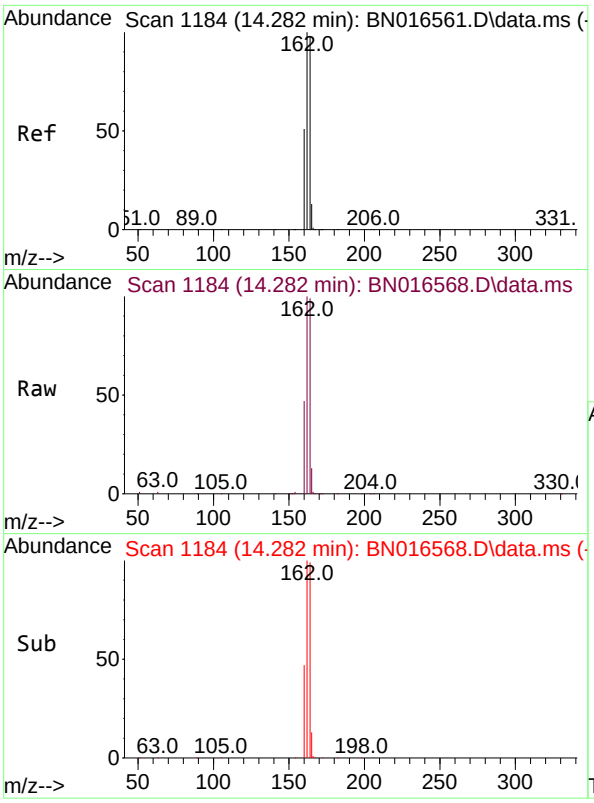
#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.092 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:142 Resp: 91829

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.9	104.9
115	33.1	27.0	40.4



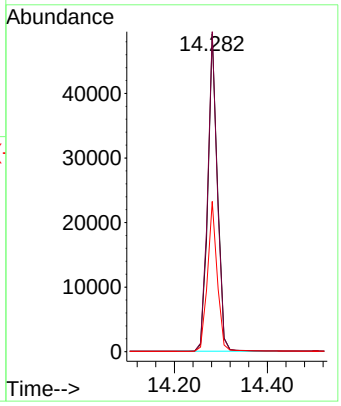
Instrument :
BNA_N
ClientSampleId :
PB139372BS

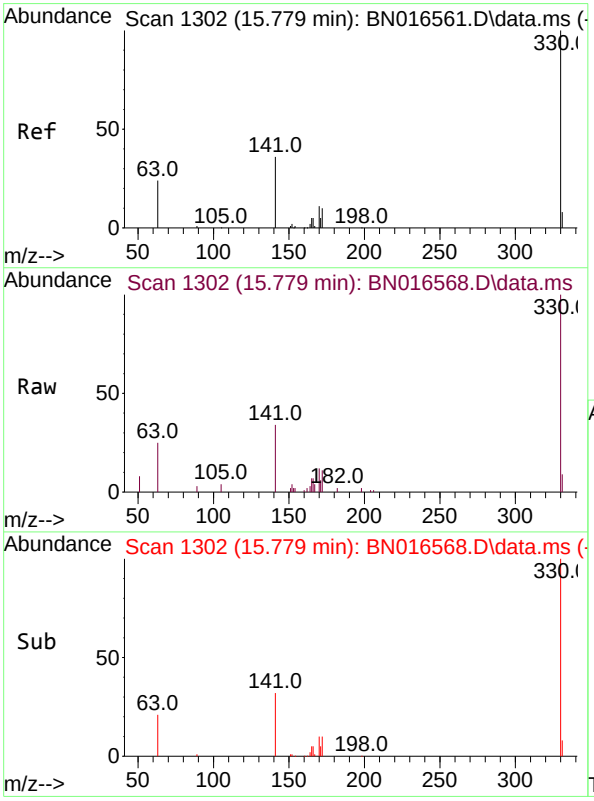


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.282 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:164 Resp: 70780

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.4	119.0
160	47.3	46.6	70.0

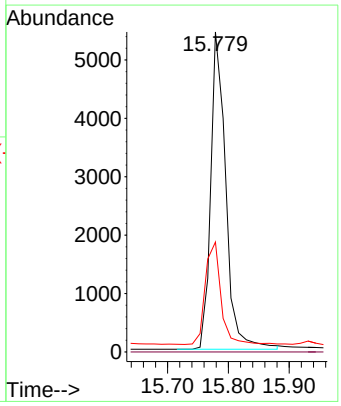




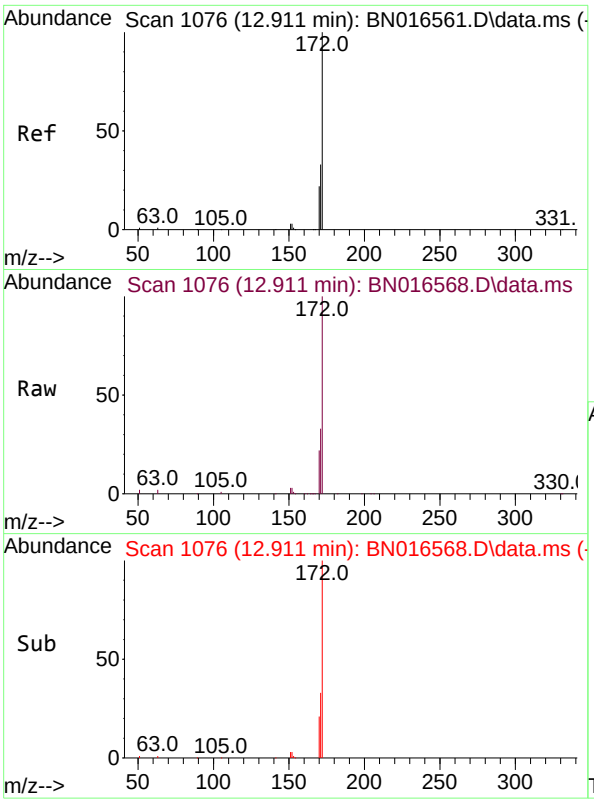
#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.779 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:330 Resp: 9365

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.7	34.4	51.6#



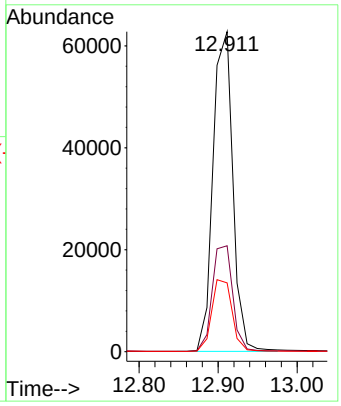
Instrument :
BNA_N
ClientSampleId :
PB139372BS

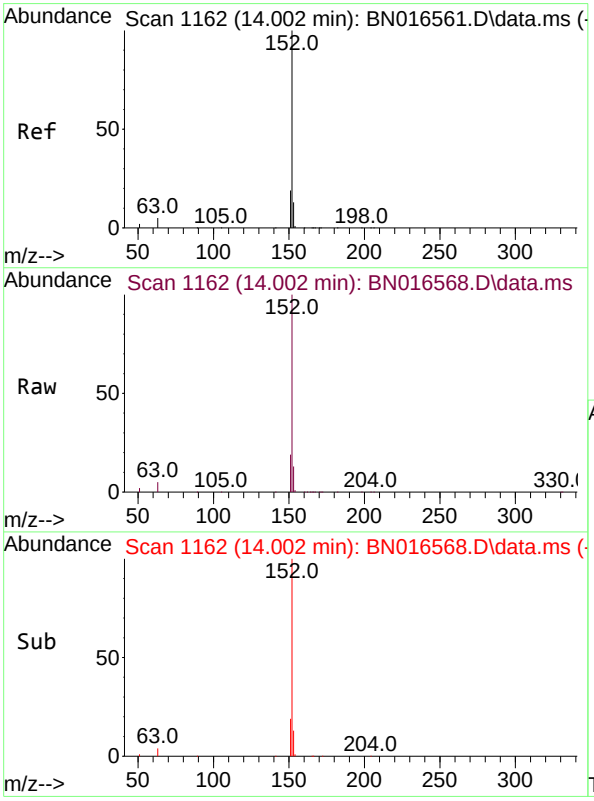


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:172 Resp: 109503

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.4	41.2
170	21.5	18.9	28.3

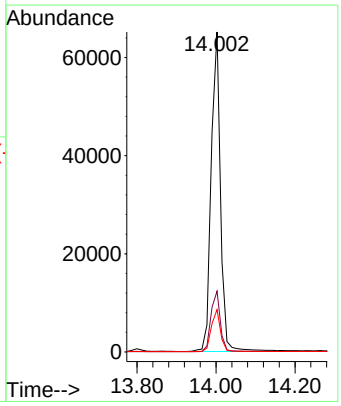


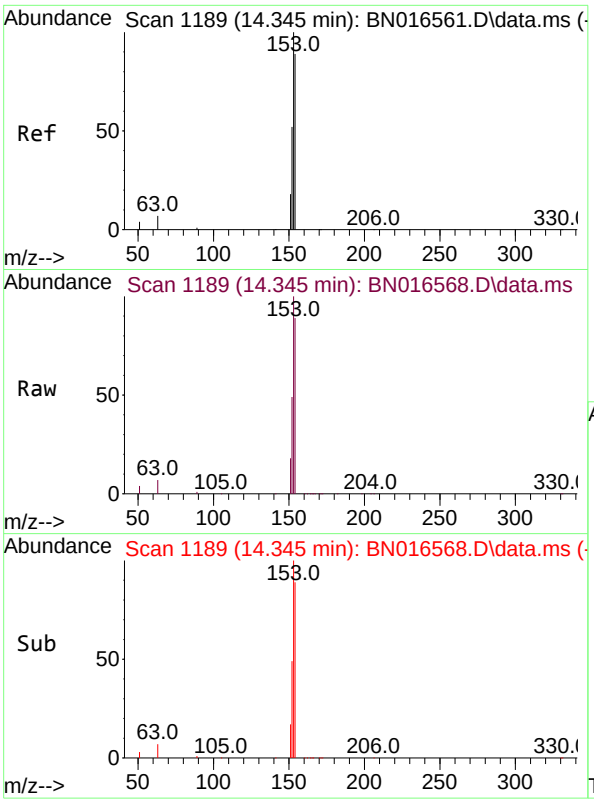


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.002 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:152 Resp: 106686

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0
153	13.0	10.4	15.6

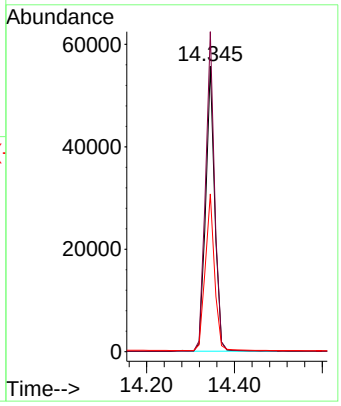




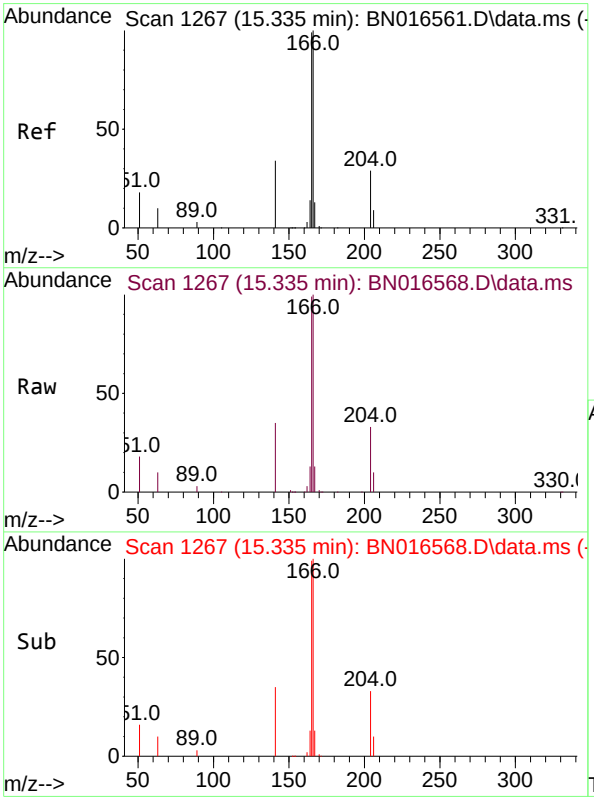
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:154 Resp: 79472

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	56.5	55.8	83.6



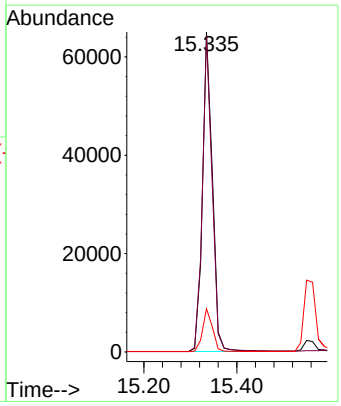
Instrument :
BNA_N
ClientSampleId :
PB139372BS



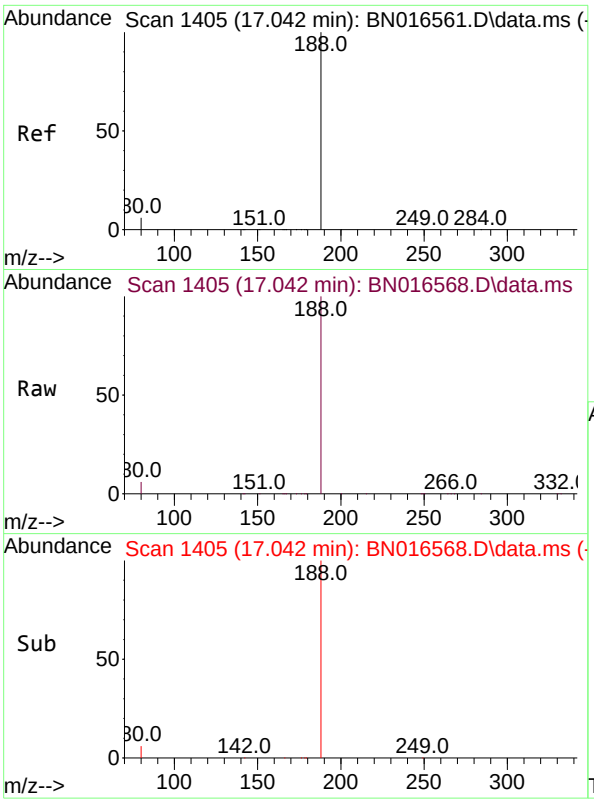
#18
Fluorene
Concen: 0.371 ng
RT: 15.335 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:166 Resp: 96325

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	13.6	10.7	16.1



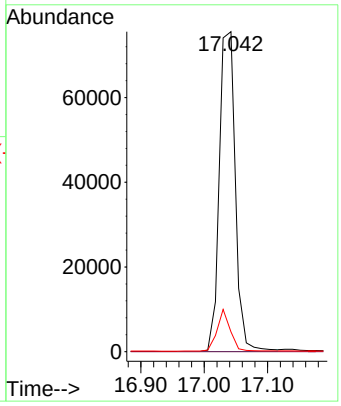
Instrument :
BNA_N
ClientSampleId :
PB139372BS

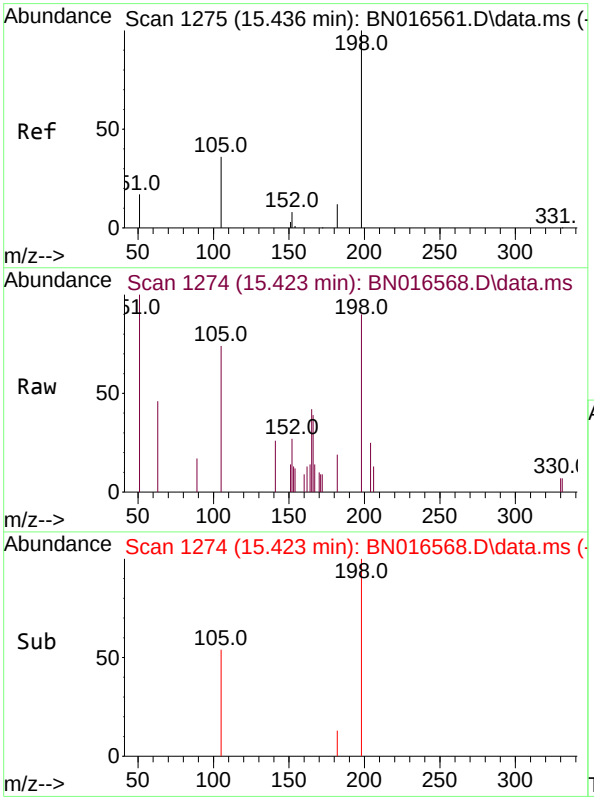


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:188 Resp: 132283

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	6.9	10.3#

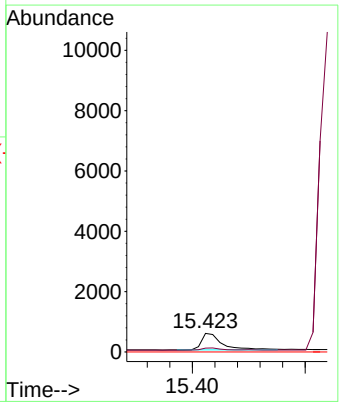




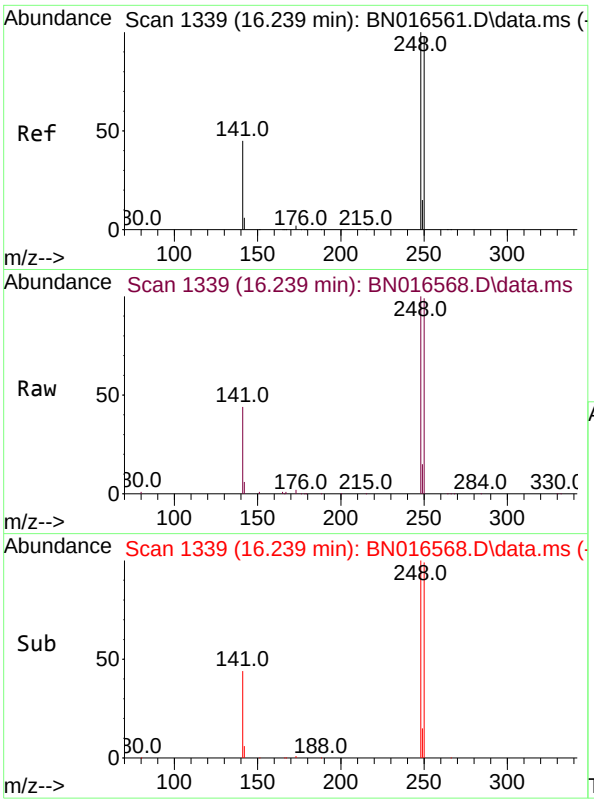
#20
4,6-Dinitro-2-methylphenol
Concen: 0.343 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:198 Resp: 1398

Ion	Ratio	Lower	Upper
198	100		
182	21.0	17.5	26.3
77	0.0	0.0	0.0



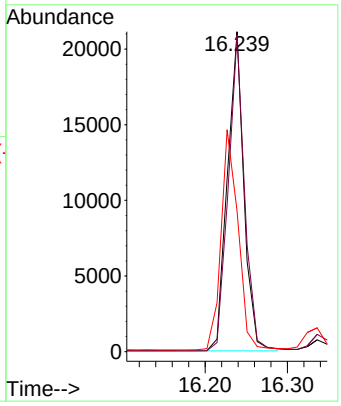
Instrument :
BNA_N
ClientSampleId :
PB139372BS

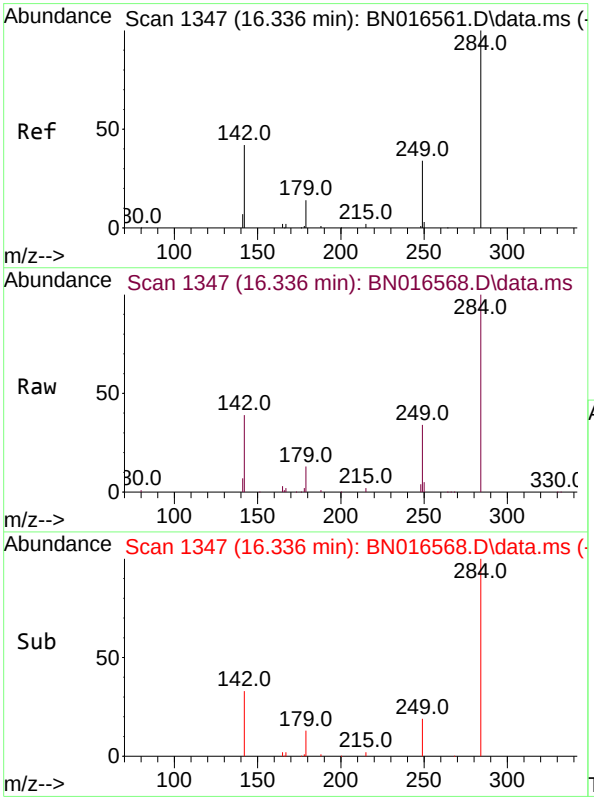


#21
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.239 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:248 Resp: 29317

Ion	Ratio	Lower	Upper
248	100		
250	99.1	71.8	107.6
141	44.0	69.7	104.5#

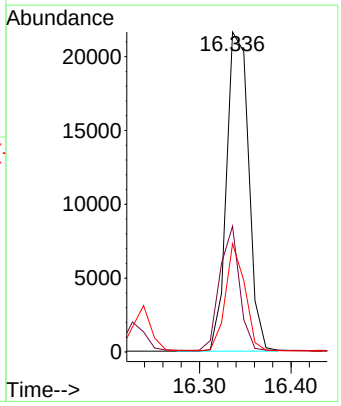




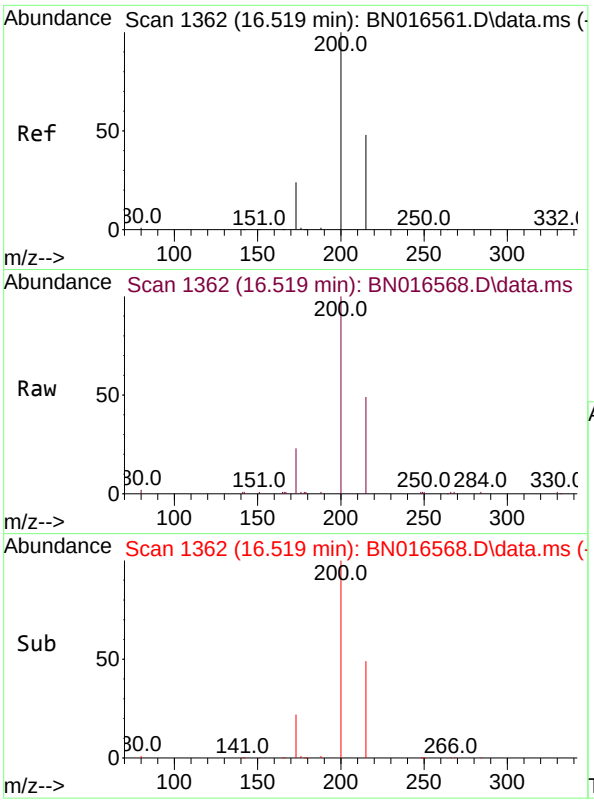
#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.336 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:284 Resp: 36239

Ion	Ratio	Lower	Upper
284	100		
142	34.7	30.7	46.1
249	29.4	25.8	38.8



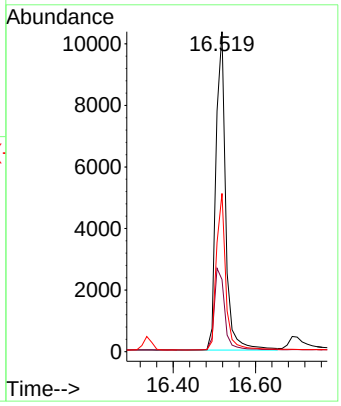
Instrument :
BNA_N
ClientSampleId :
PB139372BS

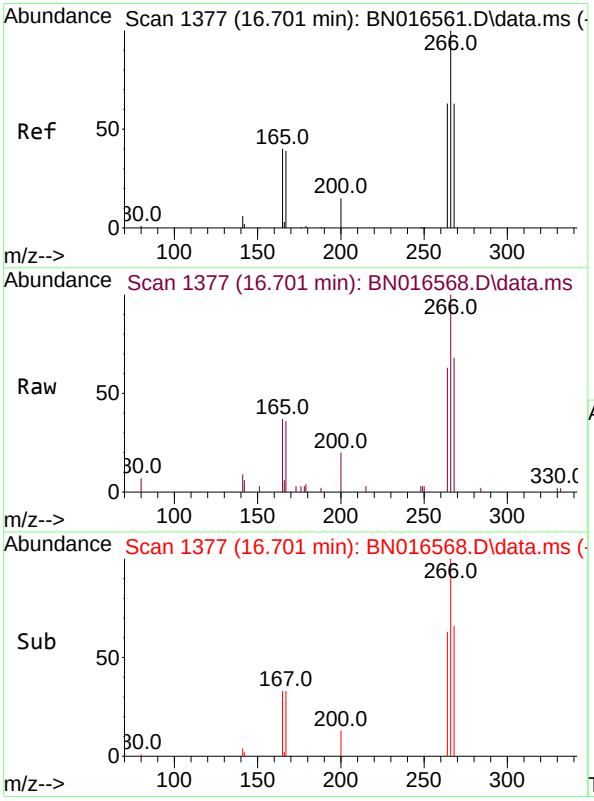


#23
Atrazine
Concen: 0.353 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:200 Resp: 16938

Ion	Ratio	Lower	Upper
200	100		
173	22.5	22.6	34.0#
215	49.5	38.2	57.4

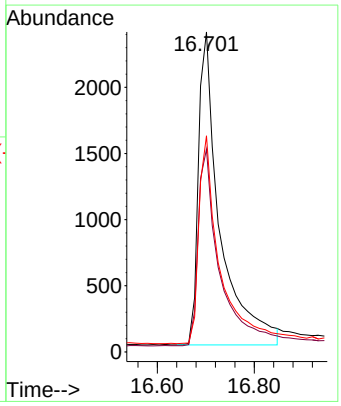




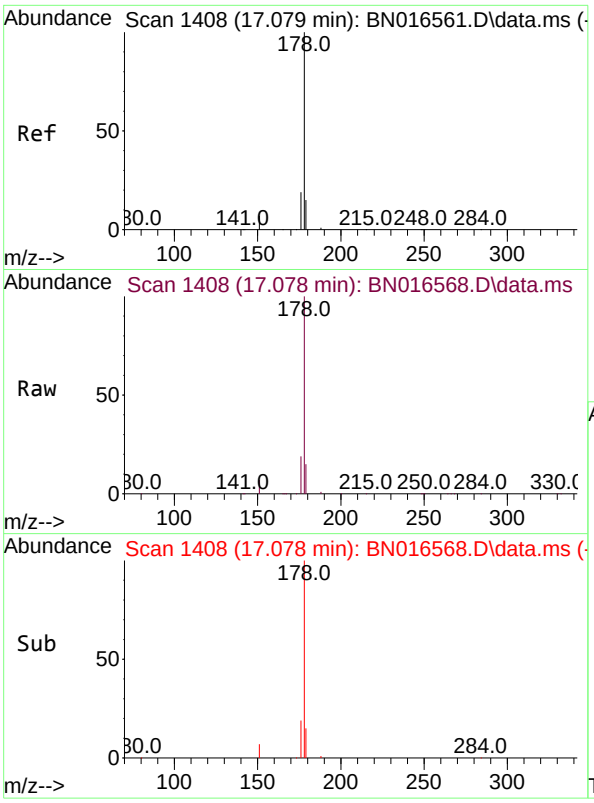
#24
Pentachlorophenol
Concen: 0.369 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:266 Resp: 7309

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.2
268	64.2	51.8	77.8



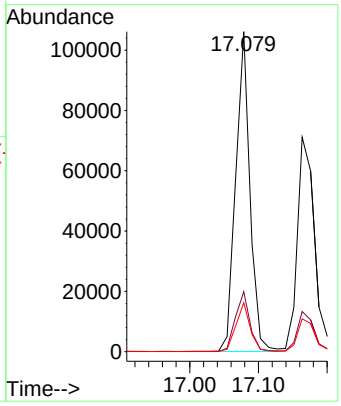
Instrument :
BNA_N
ClientSampleId :
PB139372BS

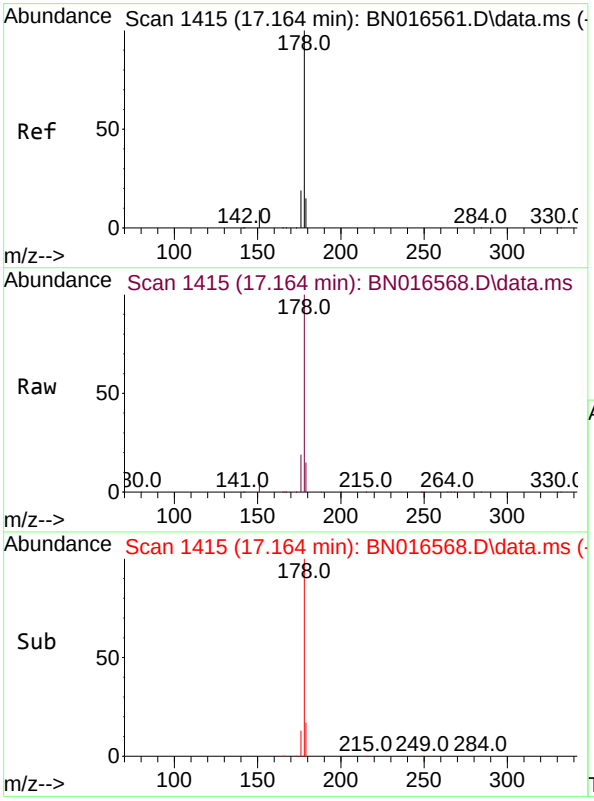


#25
Phenanthrene
Concen: 0.384 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:178 Resp: 152889

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.3	12.3	18.5

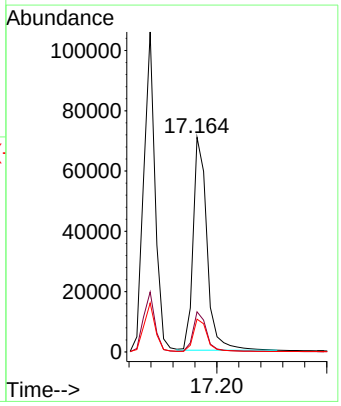


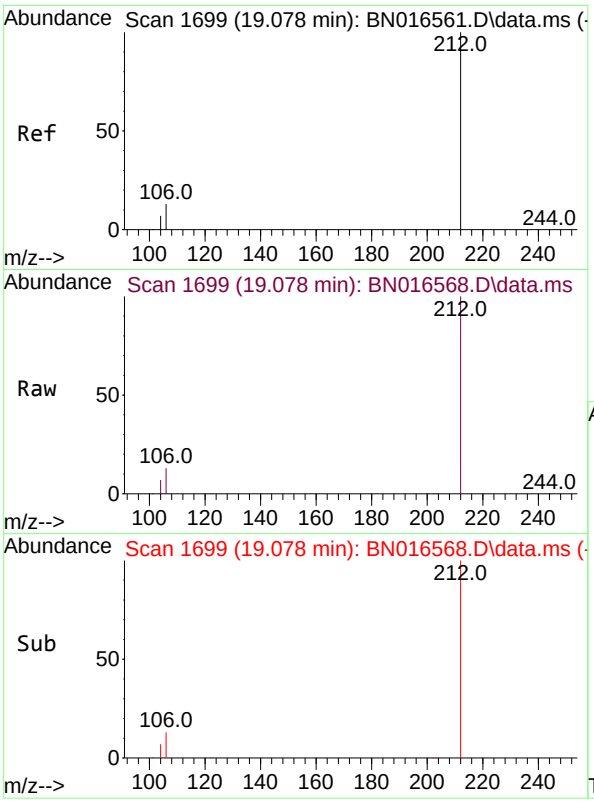


#26
Anthracene
Concen: 0.358 ng
RT: 17.164 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:178 Resp: 123777

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.2	18.4

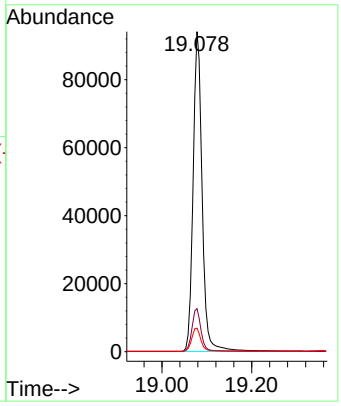




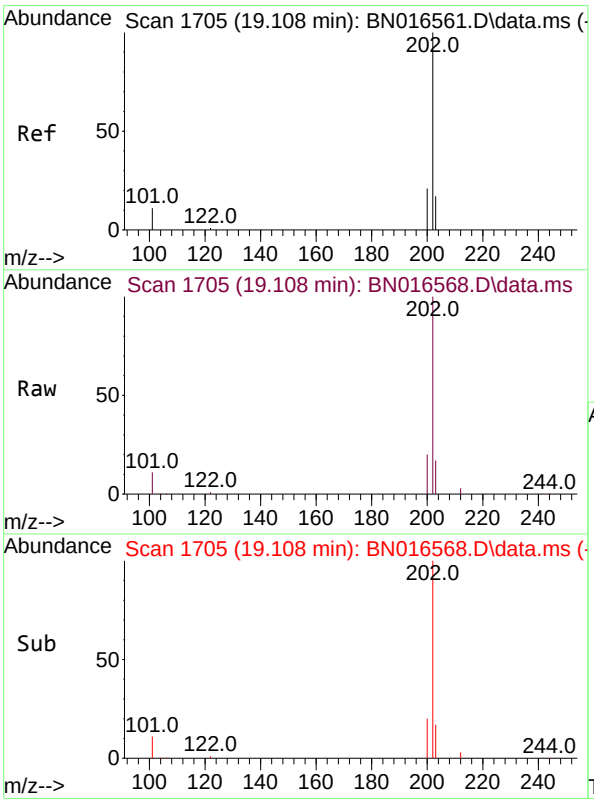
#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.078 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:212 Resp: 132777

Ion	Ratio	Lower	Upper
212	100		
106	13.4	8.8	13.2#
104	7.4	5.0	7.4



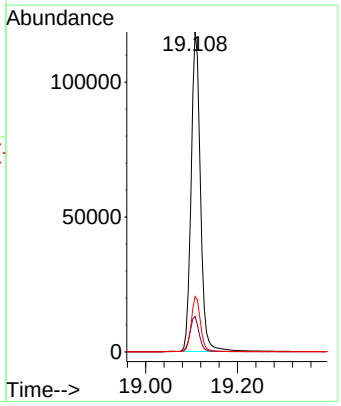
Instrument :
BNA_N
ClientSampleId :
PB139372BS



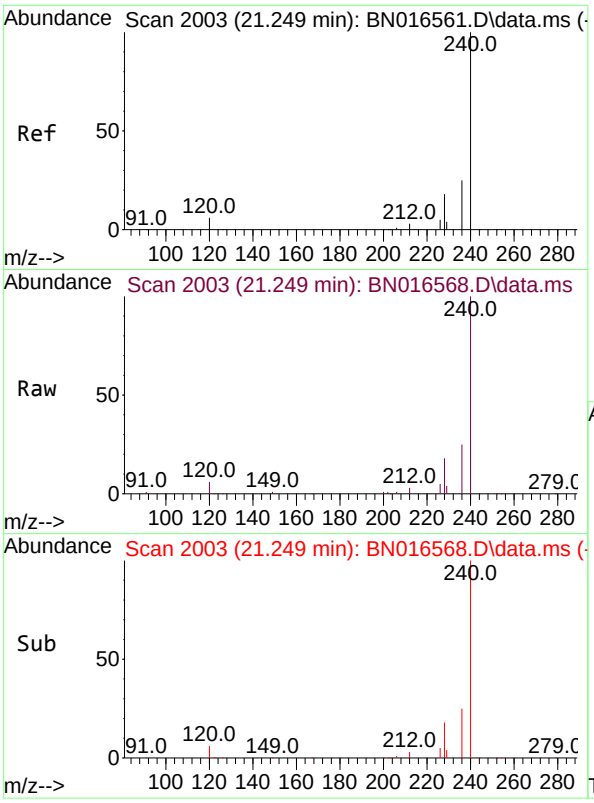
#28
Fluoranthene
Concen: 0.383 ng
RT: 19.108 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:202 Resp: 166544

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.5	11.3
203	17.2	13.9	20.9



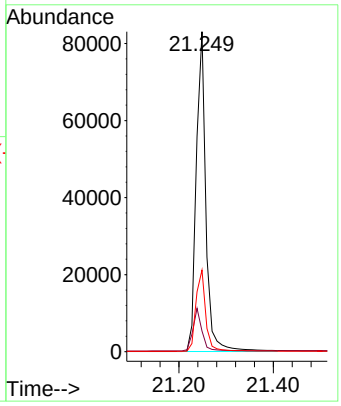
Instrument :
BNA_N
ClientSampleId :
PB139372BS

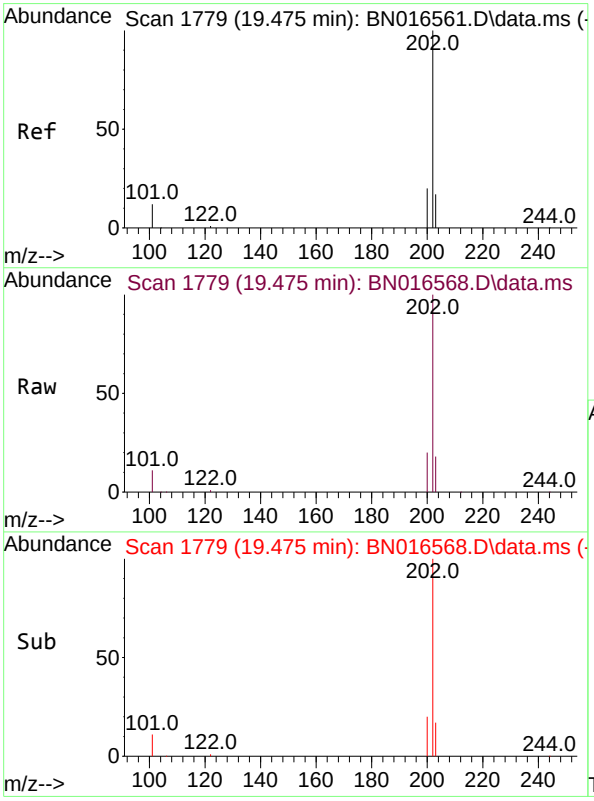


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:240 Resp: 118248

Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.0	13.4#
236	25.5	21.7	32.5

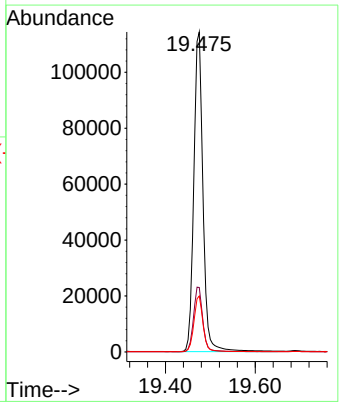




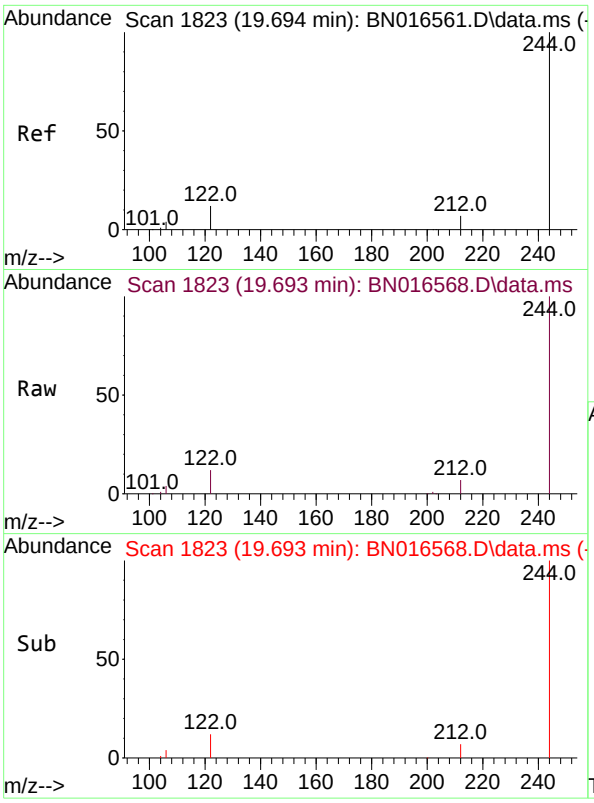
#30
Pyrene
Concen: 0.405 ng
RT: 19.475 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:202 Resp: 163394

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.4	13.9	20.9



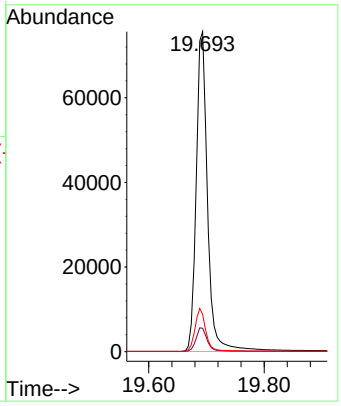
Instrument :
BNA_N
ClientSampleId :
PB139372BS

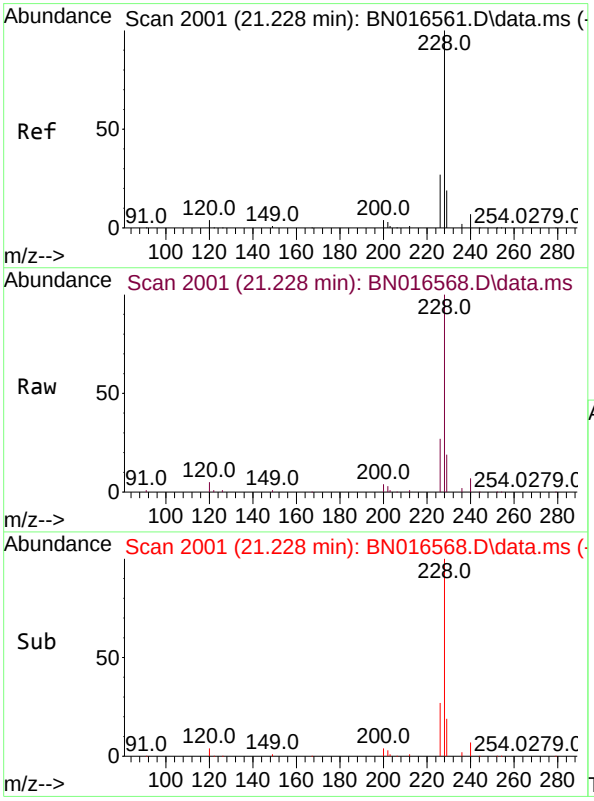


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.693 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:244 Resp: 103612

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.7	8.4	12.6

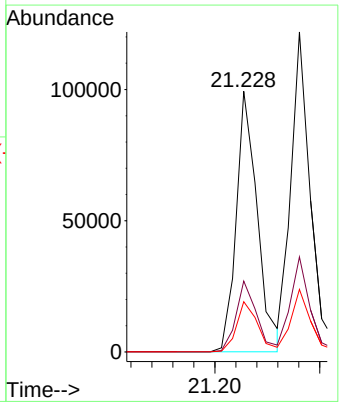




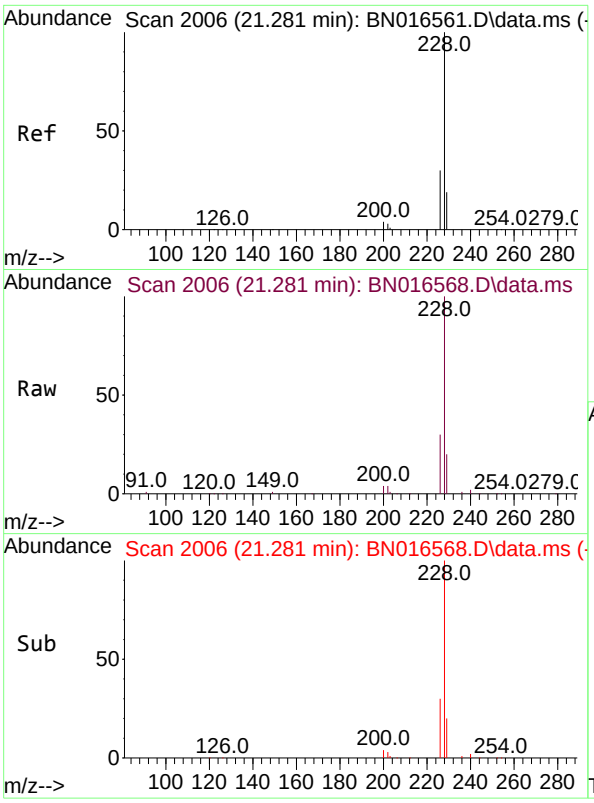
#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:228 Resp: 138532

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.3	15.6	23.4



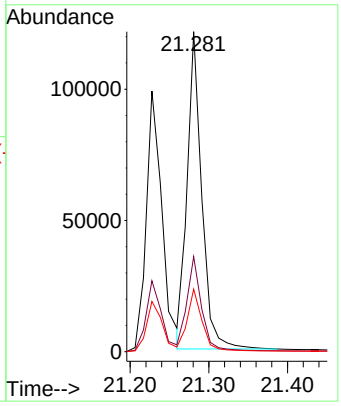
Instrument :
BNA_N
ClientSampleId :
PB139372BS

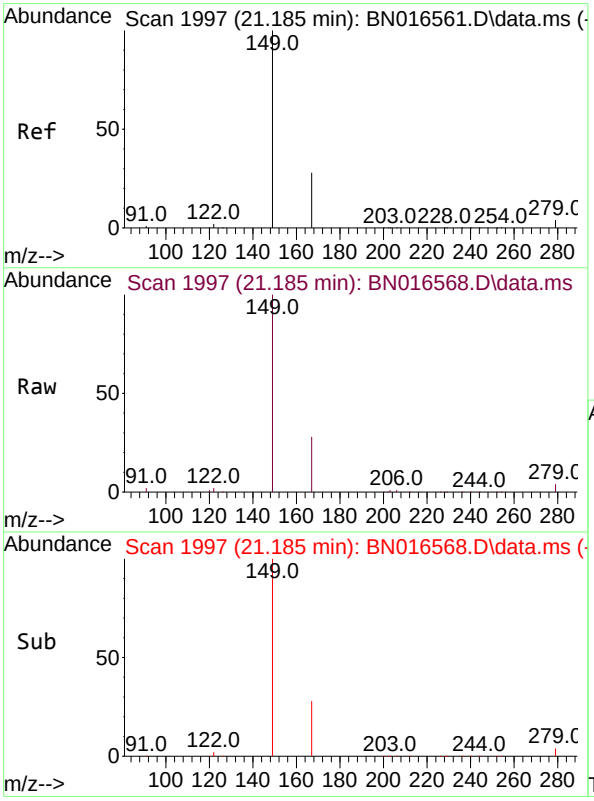


#33
Chrysene
Concen: 0.418 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:228 Resp: 156162

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	19.5	15.8	23.8

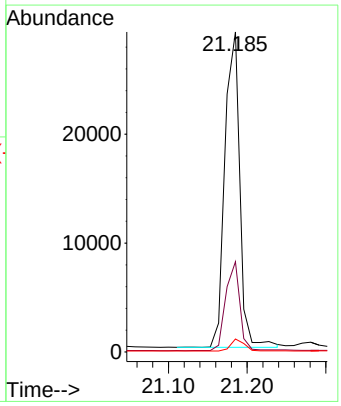




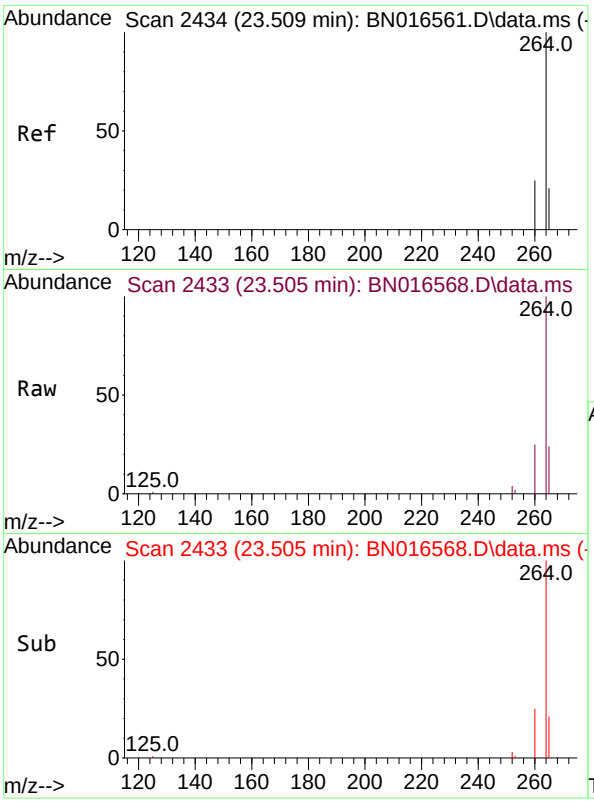
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:149 Resp: 38010

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.2
279	3.5	3.1	4.7



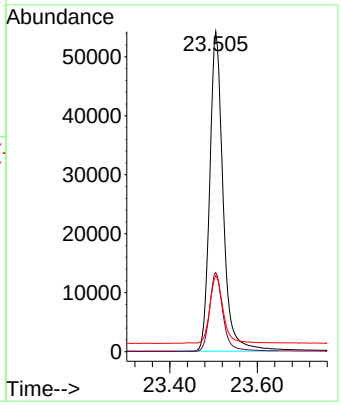
Instrument :
BNA_N
ClientSampleId :
PB139372BS

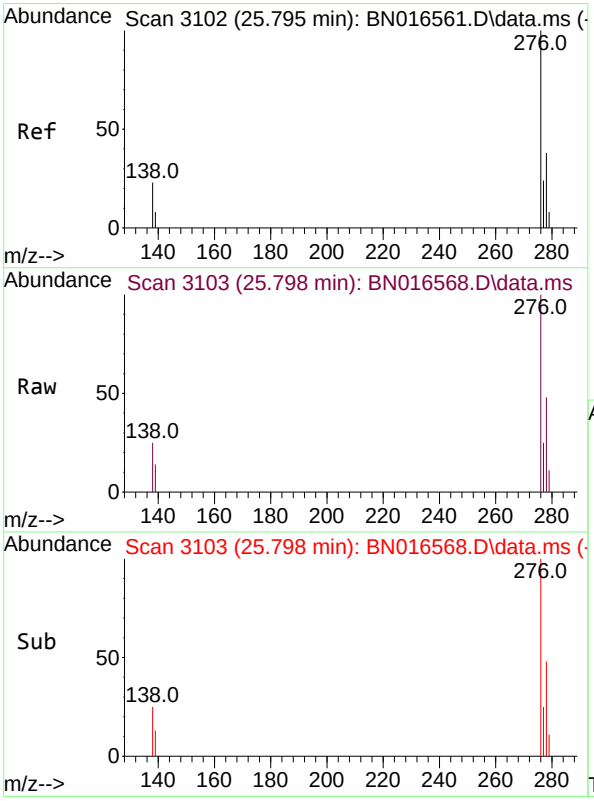


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:264 Resp: 115440

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.7	20.7	31.1

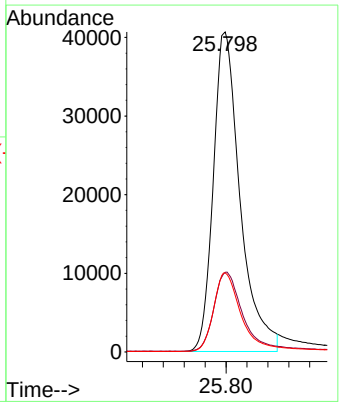




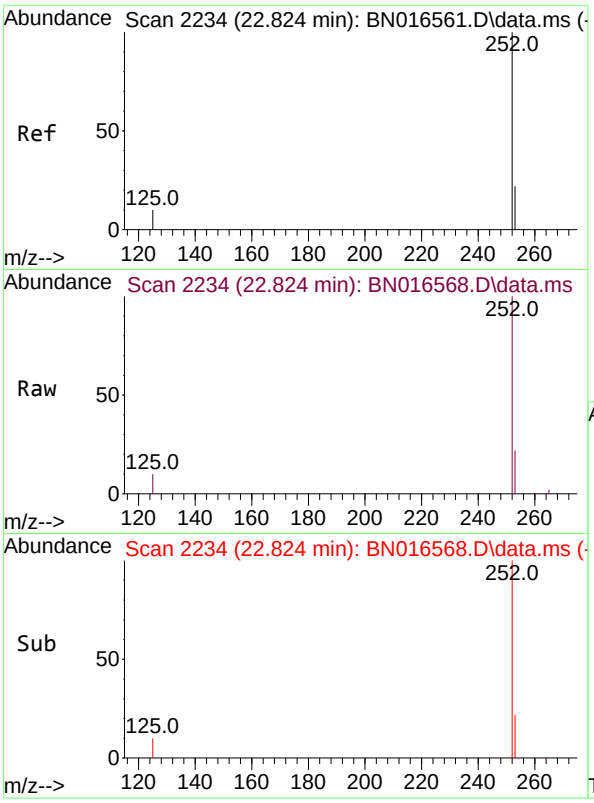
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:276 Resp: 144629

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.2	27.2
277	24.9	19.8	29.8



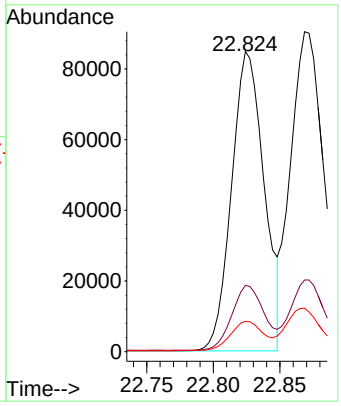
Instrument :
BNA_N
ClientSampleId :
PB139372BS

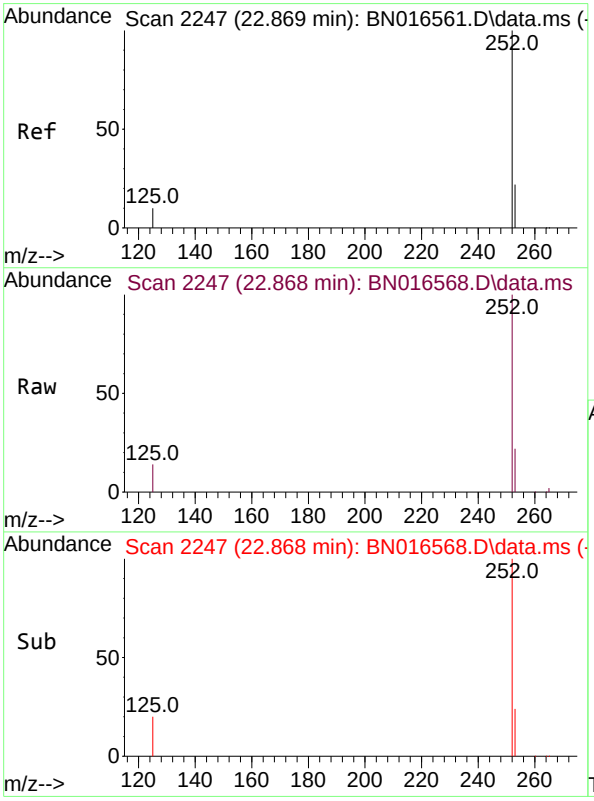


#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.824 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:252 Resp: 144266

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.1	7.3	10.9

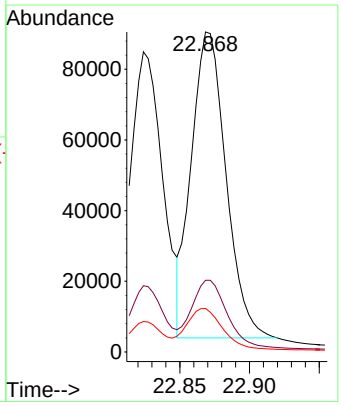




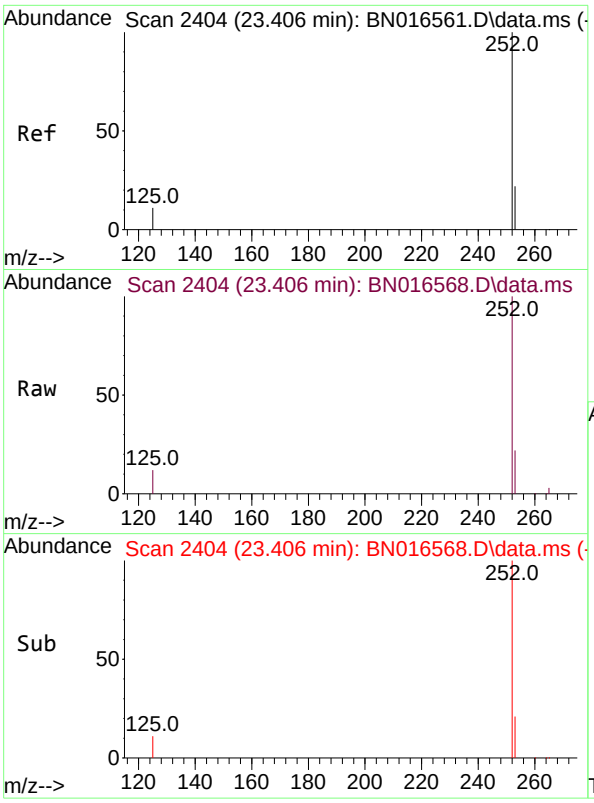
#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.868 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:252 Resp: 149905

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.6	7.4	11.0#



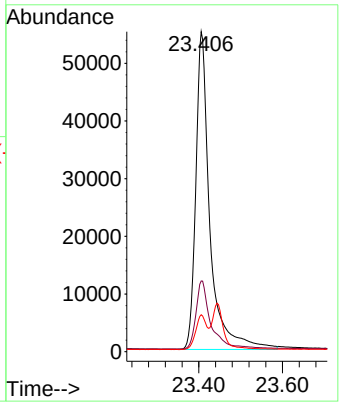
Instrument :
BNA_N
ClientSampleId :
PB139372BS

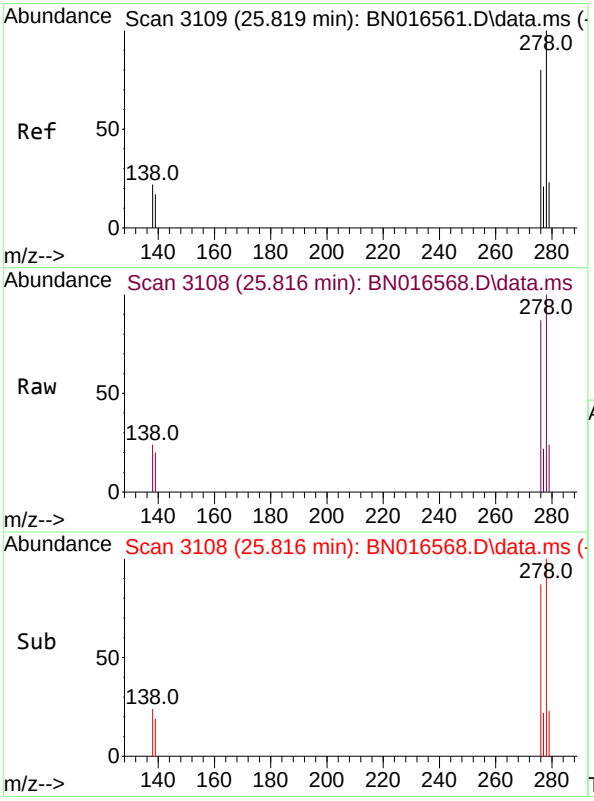


#39
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.406 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:252 Resp: 129258

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.6	8.2	12.4

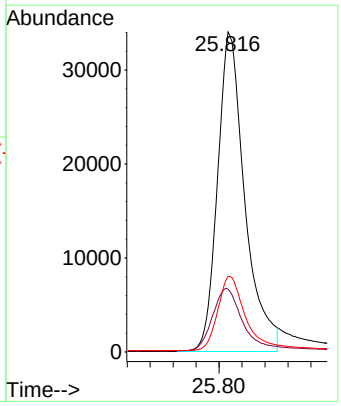


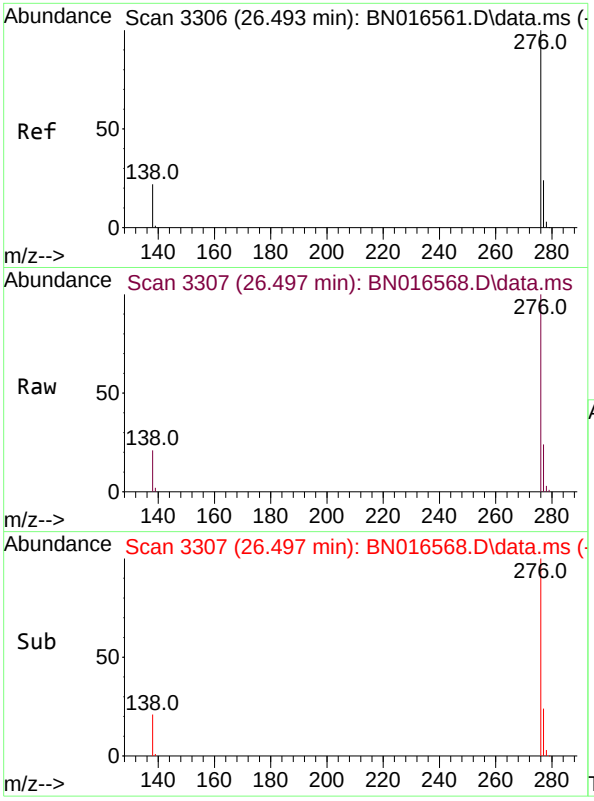


#40
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 25.816 min Scan# 3108
Delta R.T. -0.003 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:278 Resp: 111792

Ion	Ratio	Lower	Upper
278	100		
139	19.6	12.1	18.1#
279	23.6	19.2	28.8

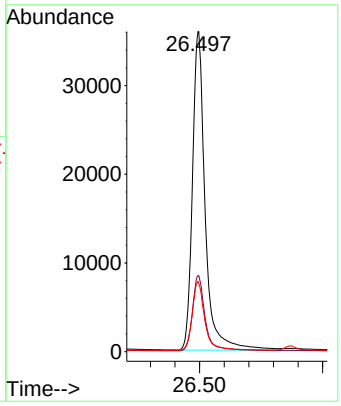




#41
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.497 min Scan# 3307
Delta R.T. 0.004 min
Lab File: BN016568.D
Acq: 28 Sep 2021 23:15

Tgt Ion:276 Resp: 128694

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	21.4	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
PB139372BS