Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016507.D
Acq On : 26 Sep 2021 12:49
Operator : CG/JU
Sample : PB139306BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139306BS

Quant Time: Sep 27 05:30:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	12064	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	30936	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	9137	0.40	ng		# 0.00
19) Phenanthrene-d10	17.042	188	19378	0.40	ng		0.00
29) Chrysene-d12	21.248	240	18080	0.40	ng		# 0.00
35) Perylene-d12	23.515	264	19212	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.272	112	4406	0.16	ng		0.00
5) Phenol-d6	6.840	99	7102	0.22	ng		0.00
8) Nitrobenzene-d5	8.810	82	12246	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.025	152	11685	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	1101	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	19626	0.51	ng		-0.01
27) Fluoranthene-d10	19.083	212	18890	0.36	ng		0.00
31) Terphenyl-d14	19.698	244	15466	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	430	0.08	ng	#	90
3) n-Nitrosodimethylamine	3.604	42	1713	0.14	ng	#	1
6) bis(2-Chloroethyl)ether	7.107	93	11676	0.36	ng	#	80
9) Naphthalene	10.482	128	32954	0.40	ng		99
10) Hexachlorobutadiene	10.774	225	14297	0.87	ng	#	98
12) 2-Methylnaphthalene	12.100	142	14139	0.27	ng	#	95
16) Acenaphthylene	14.002	152	17136	0.46	ng		100
17) Acenaphthene	14.357	154	11726	0.44	ng	#	59
18) Fluorene	15.347	166	14394	0.45	ng		91
20) 4,6-Dinitro-2-methylph...	15.423	198	222	0.25	ng		91
21) 4-Bromophenyl-phenylether	16.238	248	3985	0.35	ng	#	78
22) Hexachlorobenzene	16.348	284	8255	0.74	ng	#	88
23) Atrazine	16.518	200	2237	0.34	ng		95
24) Pentachlorophenol	16.701	266	1344	0.48	ng		98
25) Phenanthrene	17.078	178	22527	0.39	ng		98
26) Anthracene	17.176	178	17141	0.36	ng		98
28) Fluoranthene	19.112	202	23587	0.37	ng		98
30) Pyrene	19.480	202	21085	0.37	ng		99
32) Benzo(a)anthracene	21.238	228	18591	0.35	ng		99
33) Chrysene	21.291	228	26408	0.47	ng		99
34) Bis(2-ethylhexyl)phtha...	21.185	149	8013	0.56	ng		95
36) Indeno(1,2,3-cd)pyrene	25.812	276	21715	0.35	ng		99
37) Benzo(b)fluoranthene	22.834	252	20085	0.31	ng		99
38) Benzo(k)fluoranthene	22.878	252	28349	0.46	ng		99
39) Benzo(a)pyrene	23.416	252	16145	0.31	ng		98
40) Dibenzo(a,h)anthracene	25.832	278	18884	0.36	ng		96
41) Benzo(g,h,i)perylene	26.507	276	15115	0.28	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016507.D
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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
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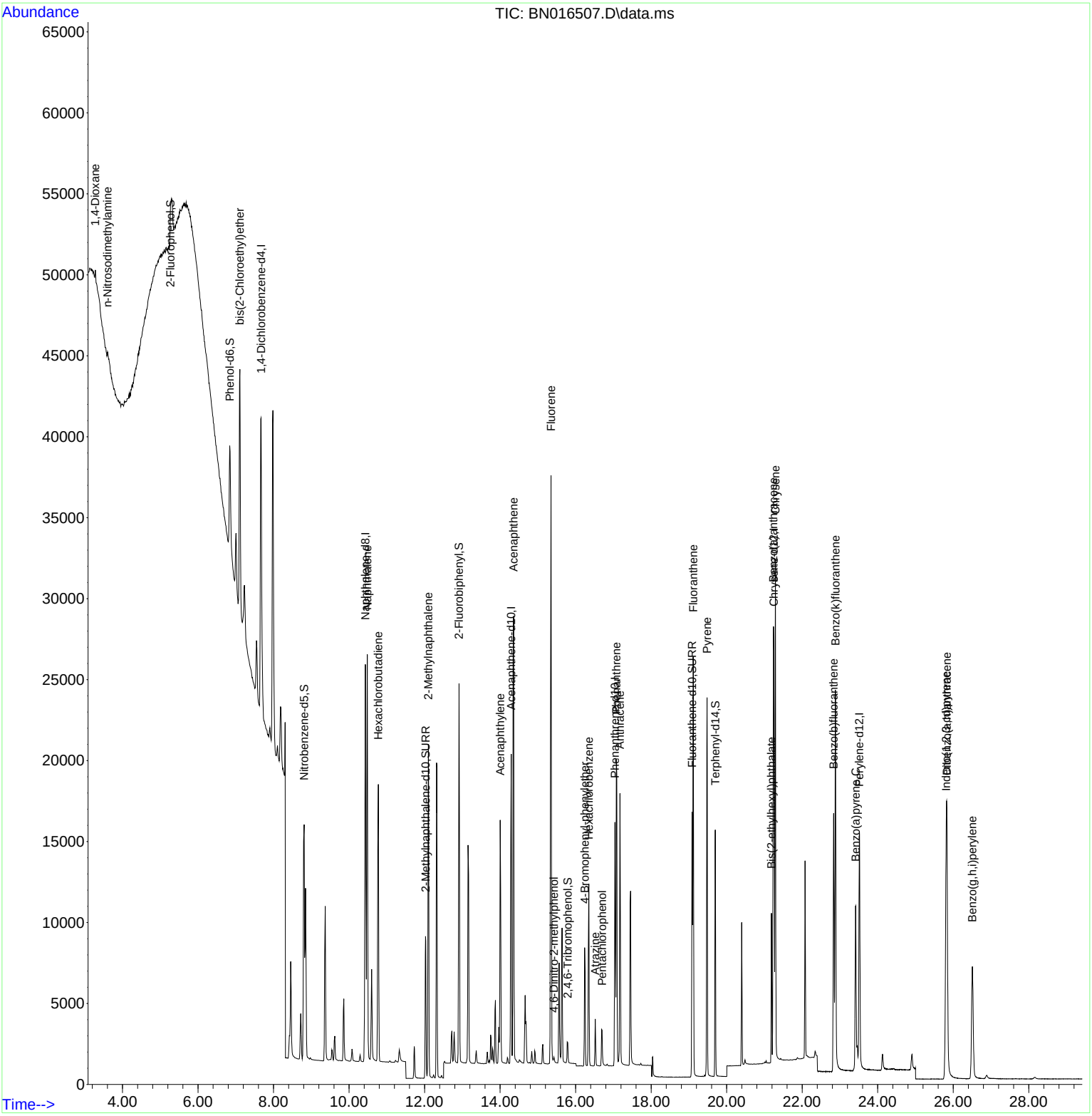

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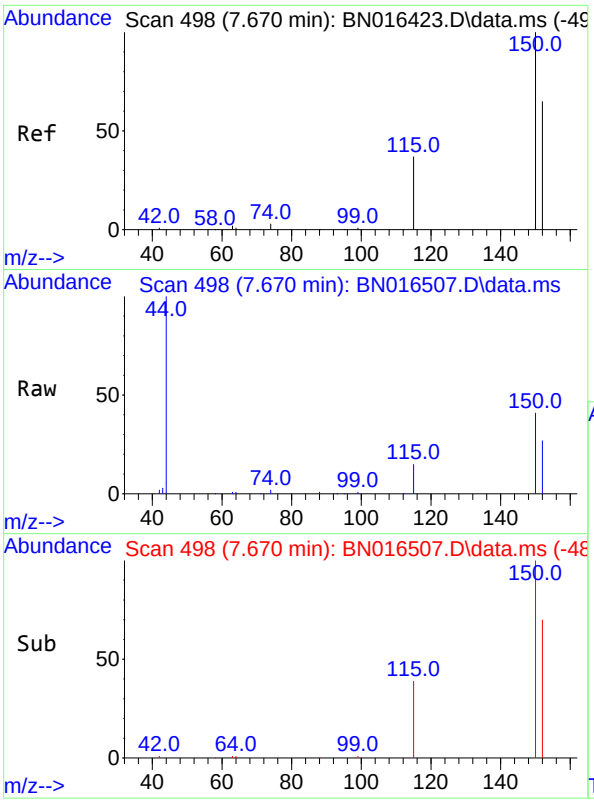
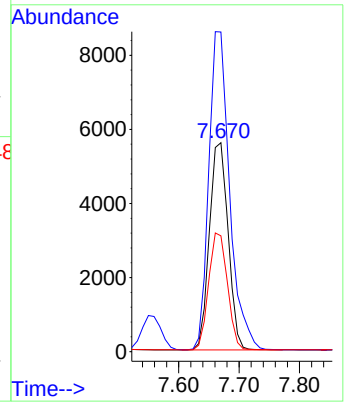
PB139306BS

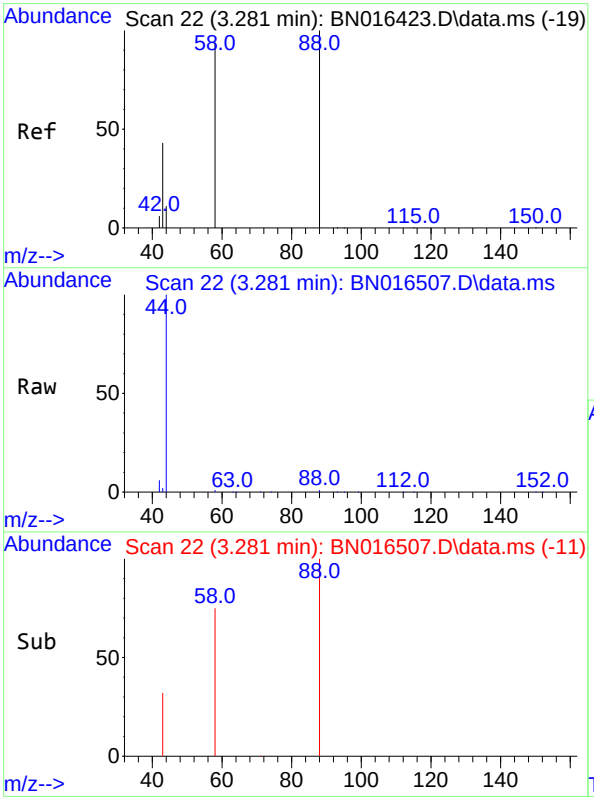


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:152 Resp: 12064

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.6	188.4
115	55.5	50.2	75.2

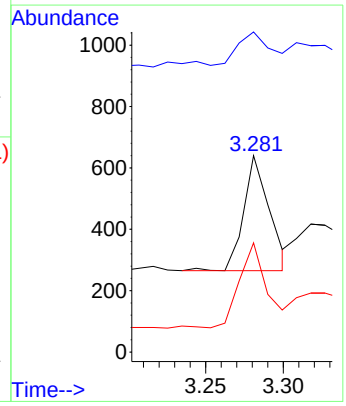




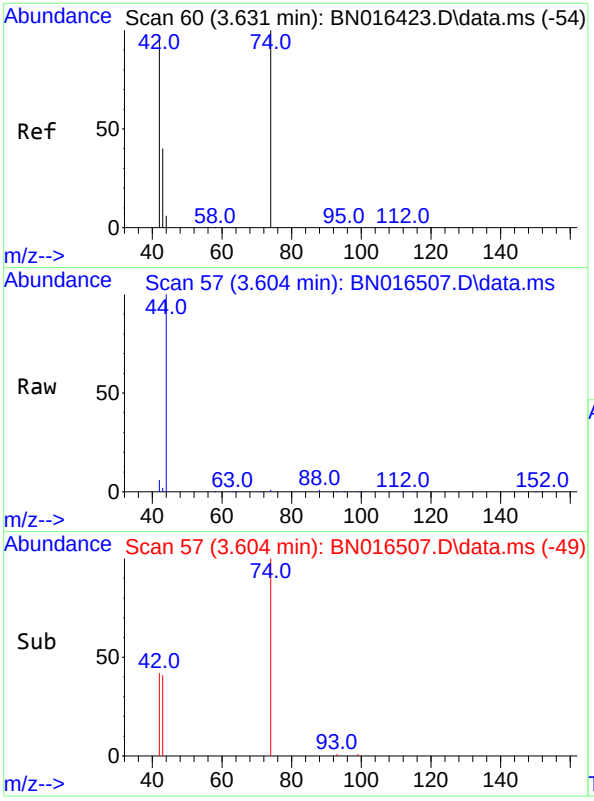
#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.281 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion: 88 Resp: 430

Ion	Ratio	Lower	Upper
88	100		
43	36.7	20.3	30.5#
58	80.9	69.9	104.9



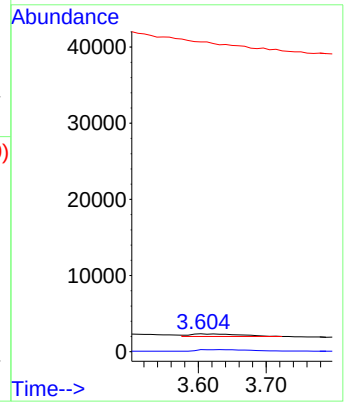
Instrument :
BNA_N
ClientSampleId :
PB139306BS

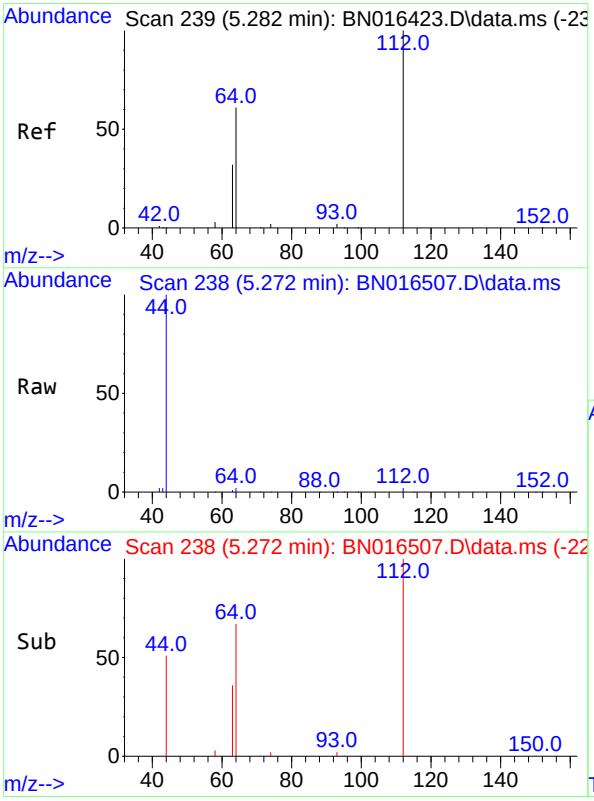


#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.604 min Scan# 57
Delta R.T. -0.028 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion: 42 Resp: 1713

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.6	170.4#
44	0.0	0.0	0.0

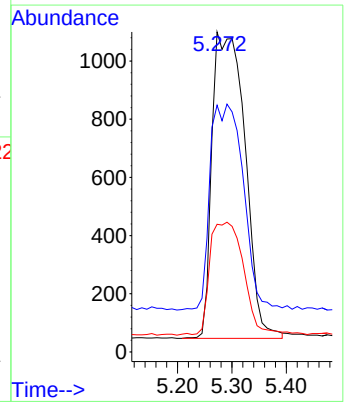




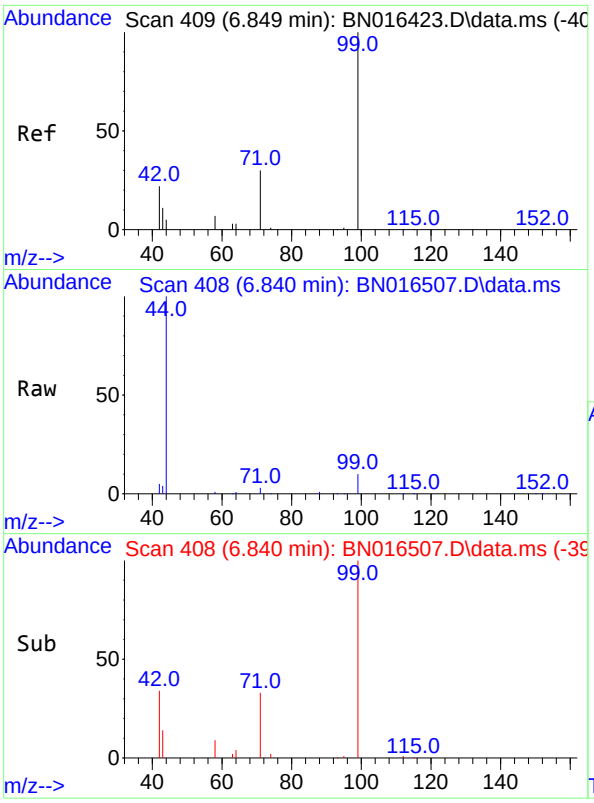
#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.272 min Scan# 238
Delta R.T. -0.009 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:112 Resp: 4406

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.3	70.9
63	37.8	23.4	35.0#



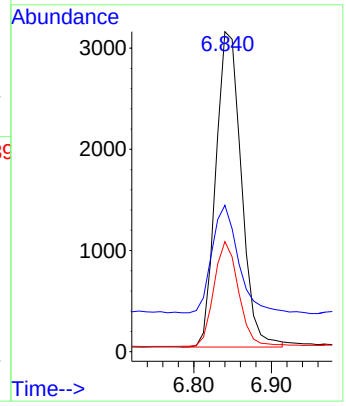
Instrument :
BNA_N
ClientSampleId :
PB139306BS

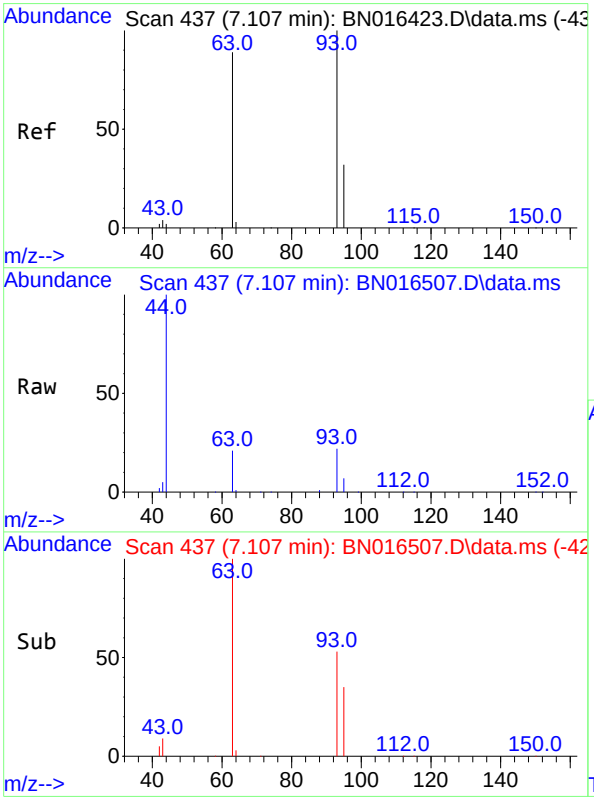


#5
Phenol-d6
Concen: 0.22 ng
RT: 6.840 min Scan# 408
Delta R.T. -0.009 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion: 99 Resp: 7102

Ion	Ratio	Lower	Upper
99	100		
42	35.1	14.0	21.0#
71	32.0	23.8	35.6

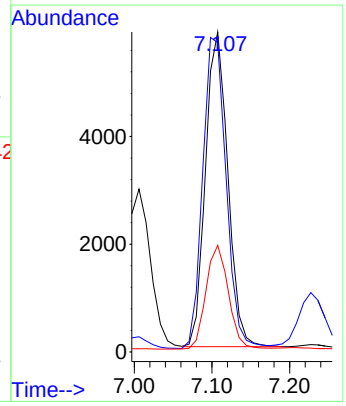


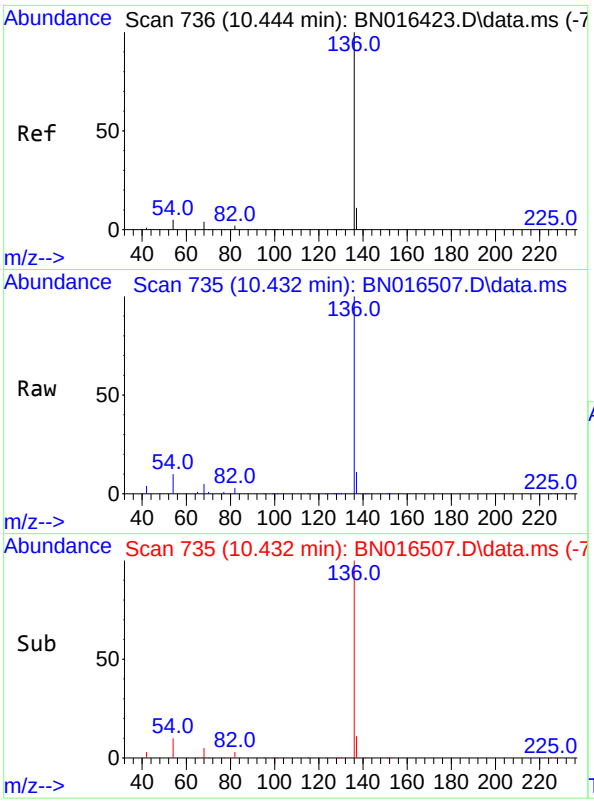


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.107 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion: 93 Resp: 11676

Ion	Ratio	Lower	Upper
93	100		
63	103.5	63.4	95.0#
95	33.1	26.8	40.2

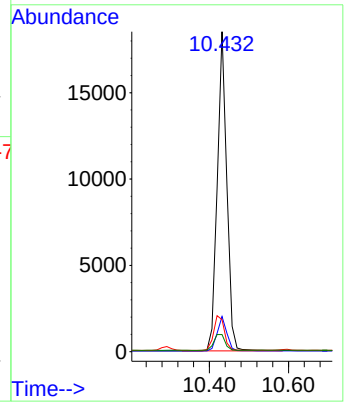




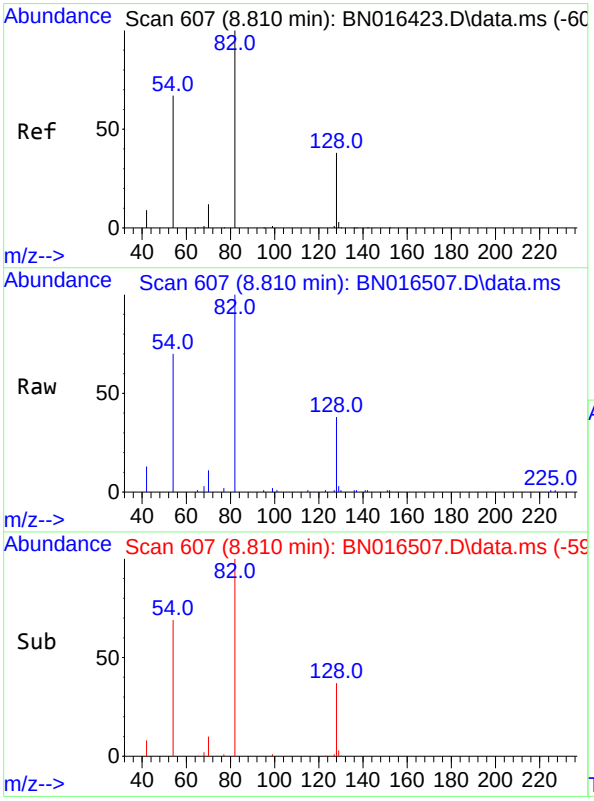
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:136 Resp: 30936

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	5.3	7.9#
68	5.3	3.9	5.9



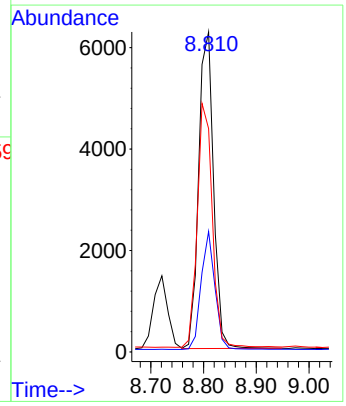
Instrument :
BNA_N
ClientSampleId :
PB139306BS



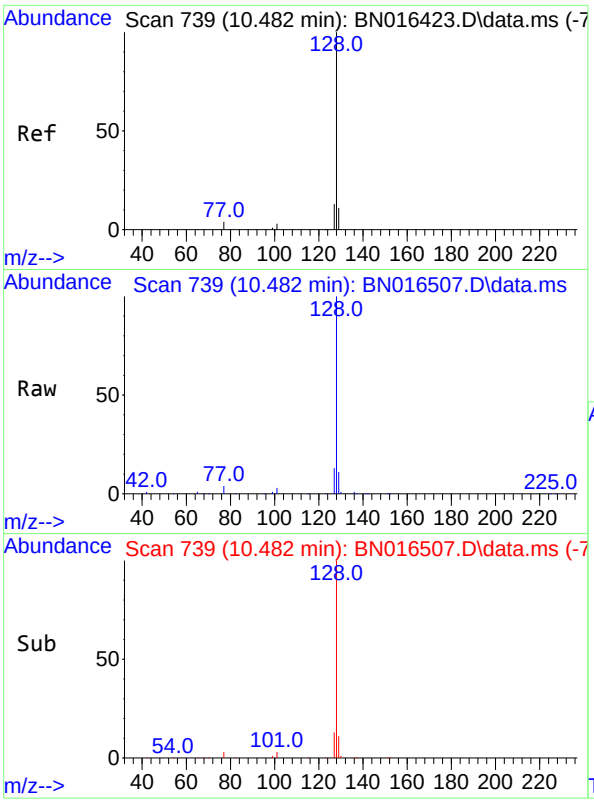
#8
Nitrobenzene-d5
Concen: 0.56 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion: 82 Resp: 12246

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.7	47.5
54	69.8	46.4	69.6#



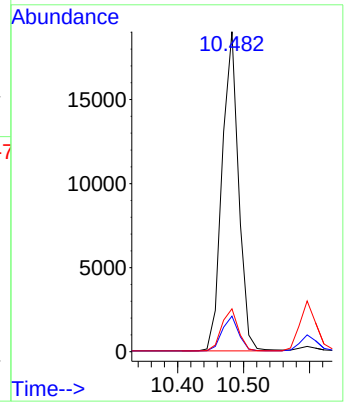
Instrument :
BNA_N
ClientSampleId :
PB139306BS

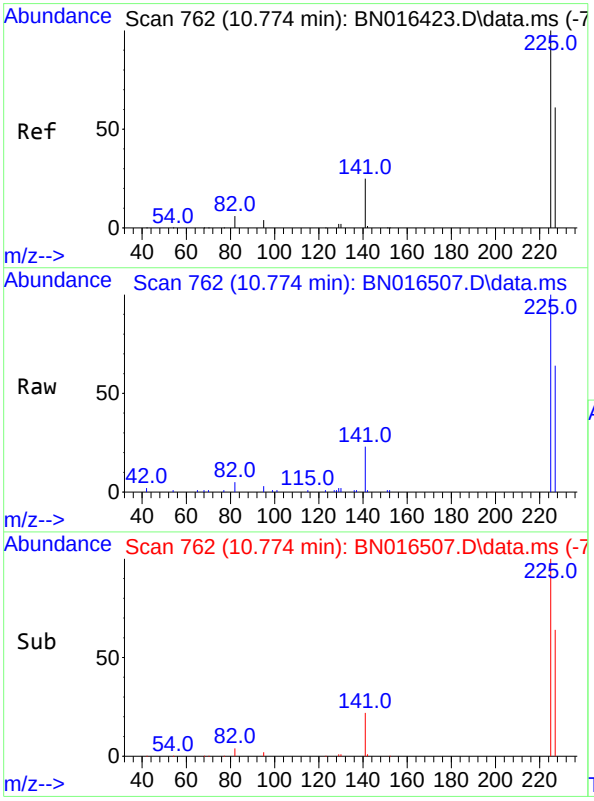


#9
Naphthalene
Concen: 0.40 ng
RT: 10.482 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:128 Resp: 32954

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.1	15.1

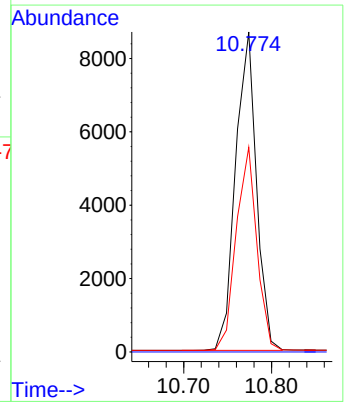




#10
Hexachlorobutadiene
Concen: 0.87 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:225 Resp: 14297

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.5	77.3



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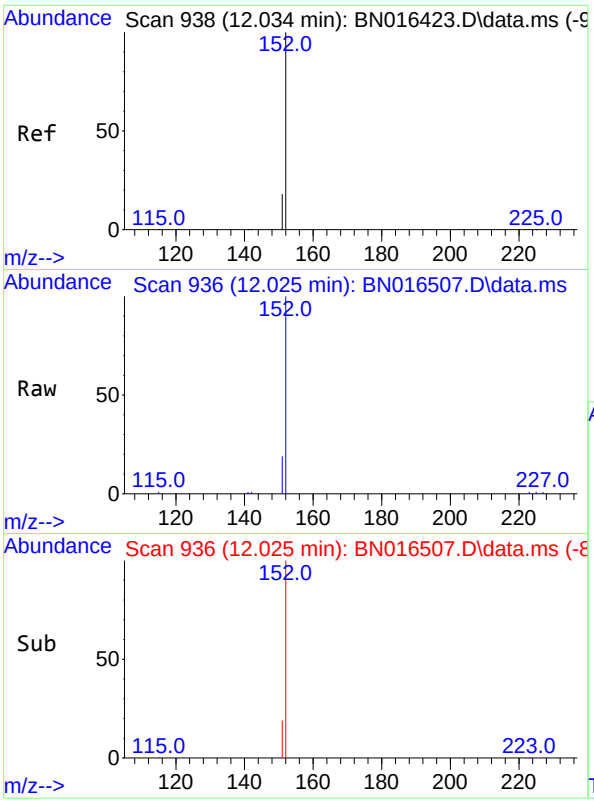
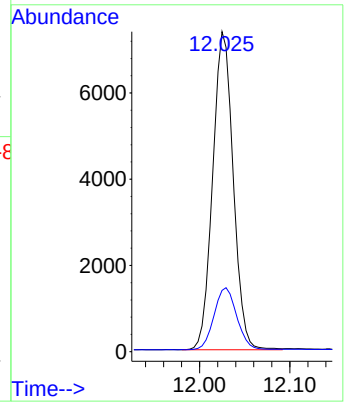
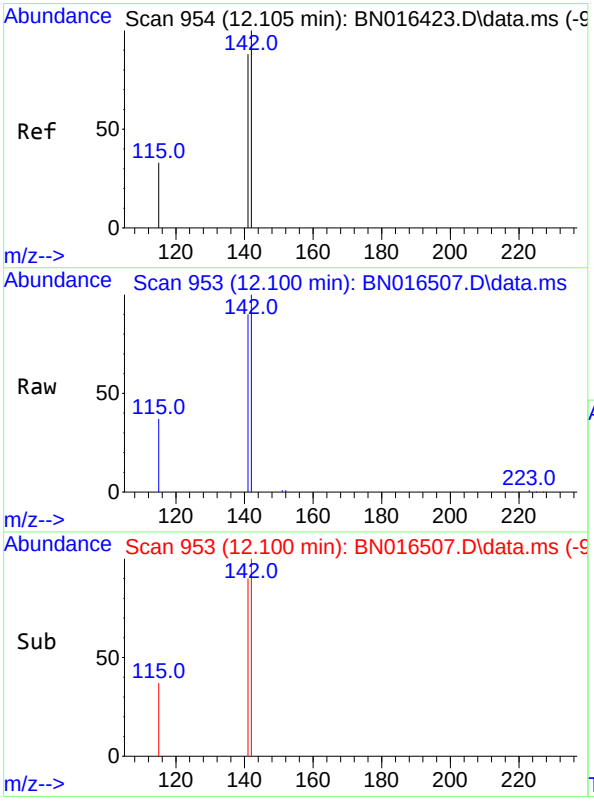


#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:152 Resp: 11685

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.1	24.1

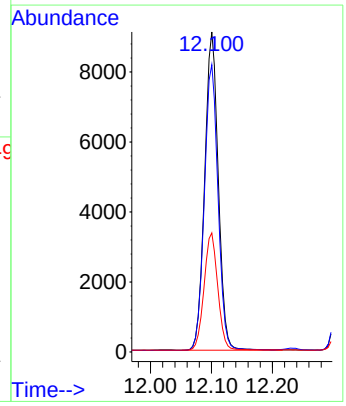




#12
2-Methylnaphthalene
Concen: 0.27 ng
RT: 12.100 min Scan# 953
Delta R.T. -0.004 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:142 Resp: 14139

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.8	104.8
115	37.2	24.4	36.6#



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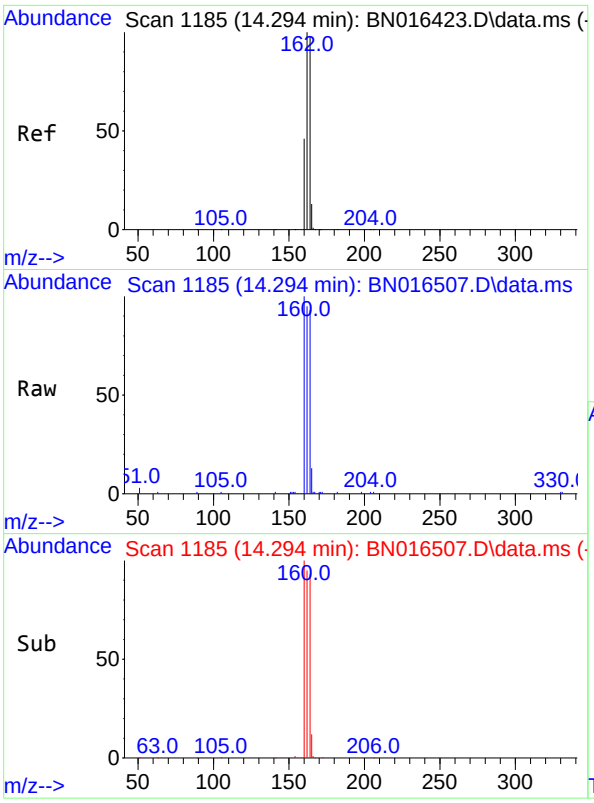
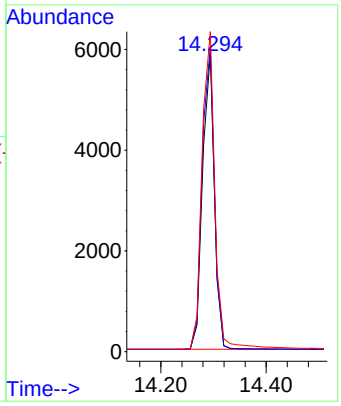
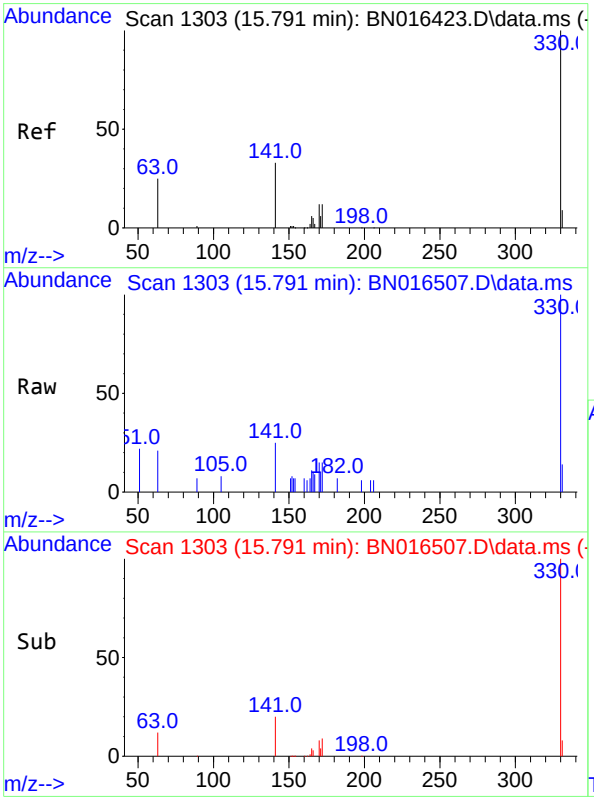


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:164 Resp: 9137

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.0	118.4
160	107.5	34.1	51.1#

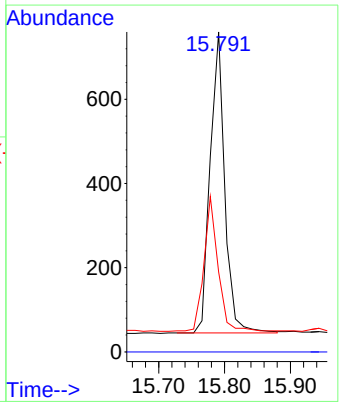




#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:330 Resp: 1101

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.1	25.0	37.4#



Instrument :
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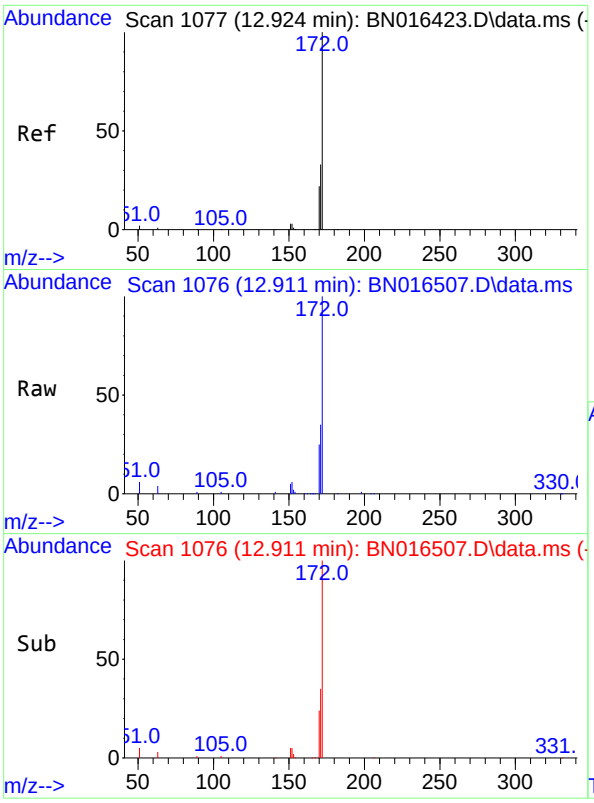
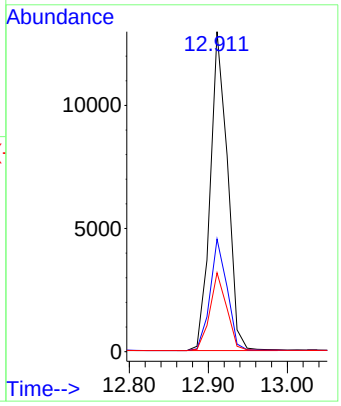
PB139306BS

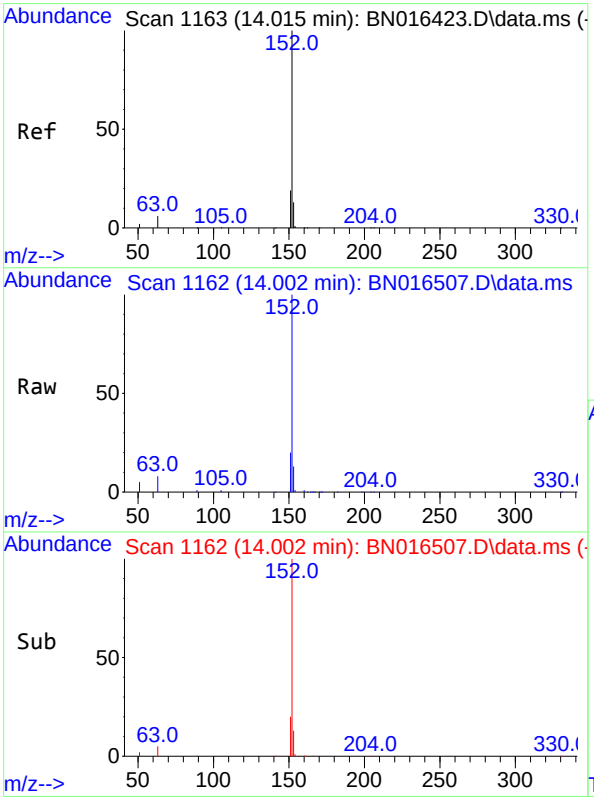


#15
2-Fluorobiphenyl
Concen: 0.51 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:172 Resp: 19626

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	24.6	18.2	27.2

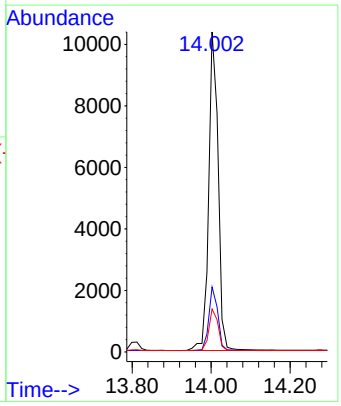




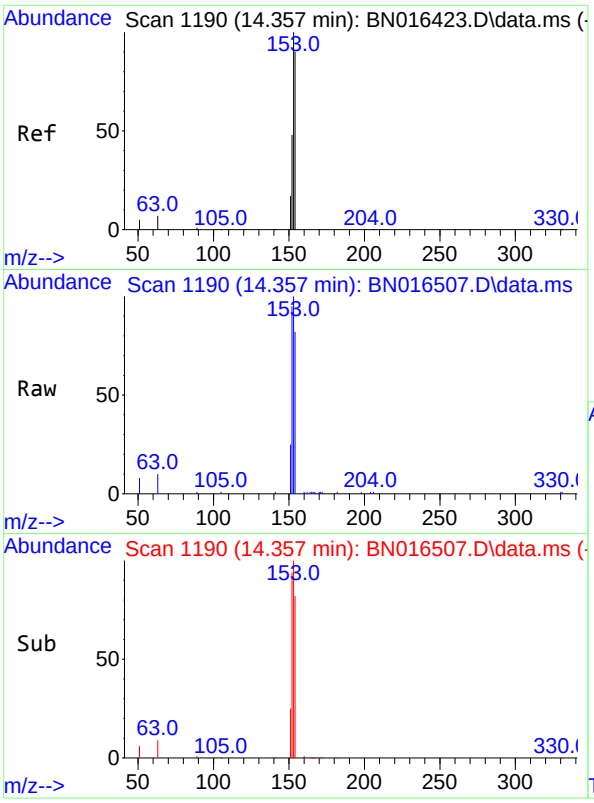
#16
Acenaphthylene
Concen: 0.46 ng
RT: 14.002 min Scan# 1162
Delta R.T. -0.013 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:152 Resp: 17136

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	12.9	10.5	15.7



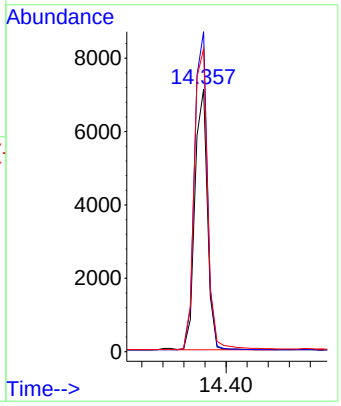
Instrument :
BNA_N
ClientSampleId :
PB139306BS

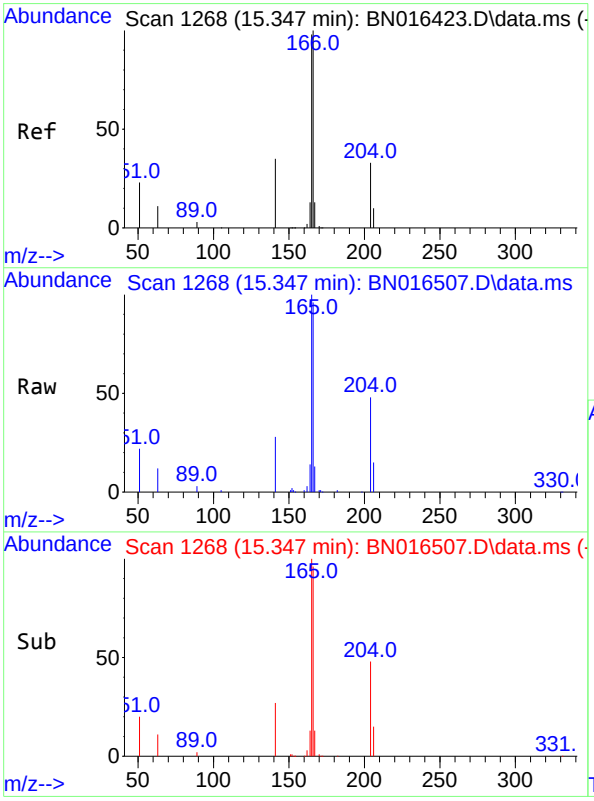


#17
Acenaphthene
Concen: 0.44 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:154 Resp: 11726

Ion	Ratio	Lower	Upper
154	100		
153	124.5	89.3	133.9
152	124.7	42.2	63.4#

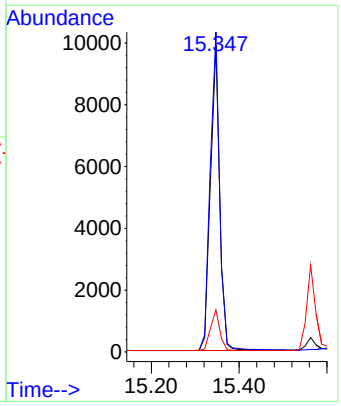




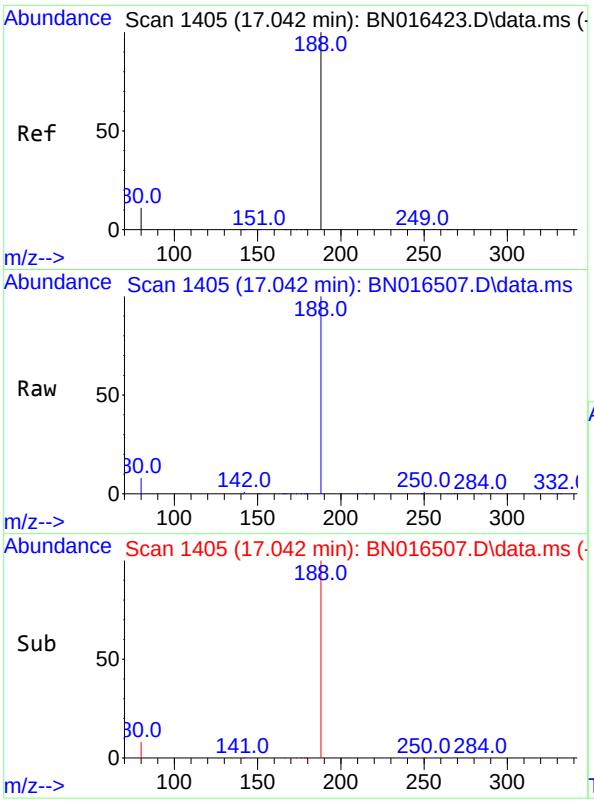
#18
Fluorene
Concen: 0.45 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:166 Resp: 14394

Ion	Ratio	Lower	Upper
166	100		
165	106.1	76.7	115.1
167	13.4	10.9	16.3



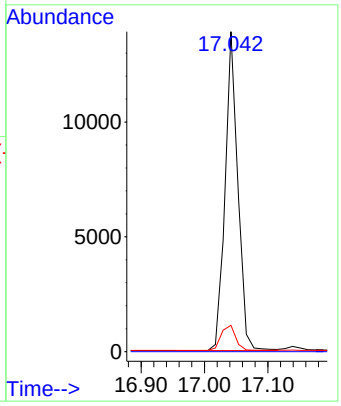
Instrument :
BNA_N
ClientSampleId :
PB139306BS

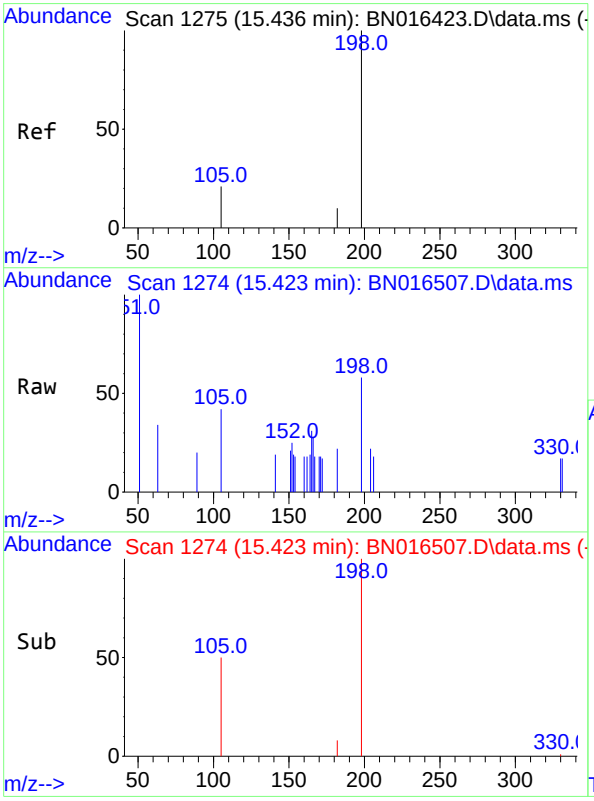


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:188 Resp: 19378

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	7.0	10.6

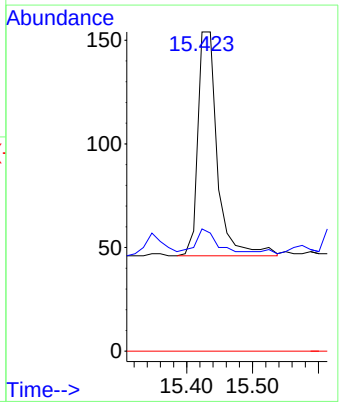




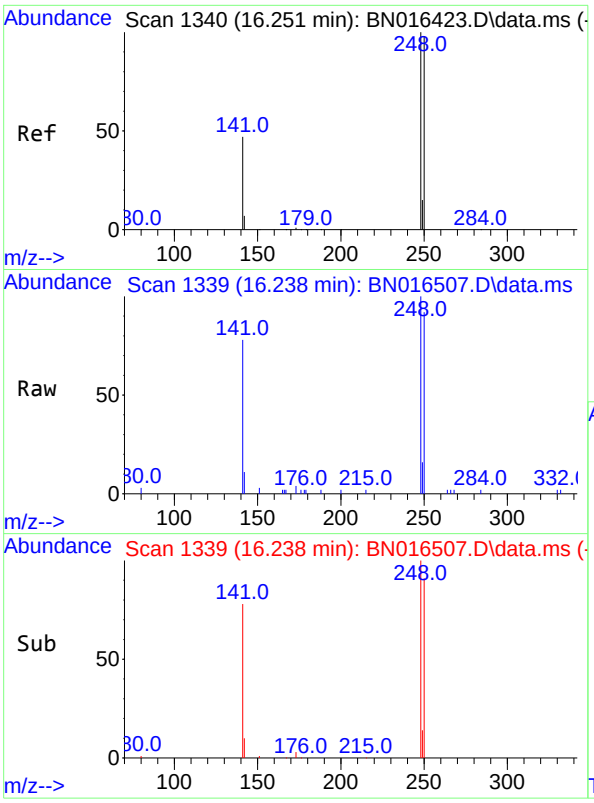
#20
4,6-Dinitro-2-methylphenol
Concen: 0.25 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.013 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:198 Resp: 222

Ion	Ratio	Lower	Upper
198	100		
182	38.3	26.6	39.8
77	0.0	0.0	0.0



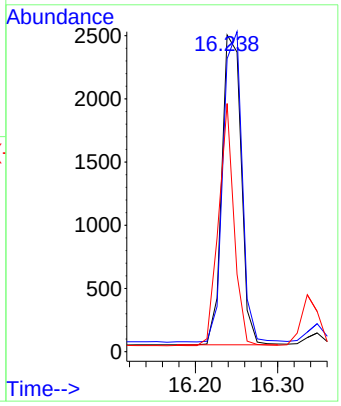
Instrument :
BNA_N
ClientSampleId :
PB139306BS

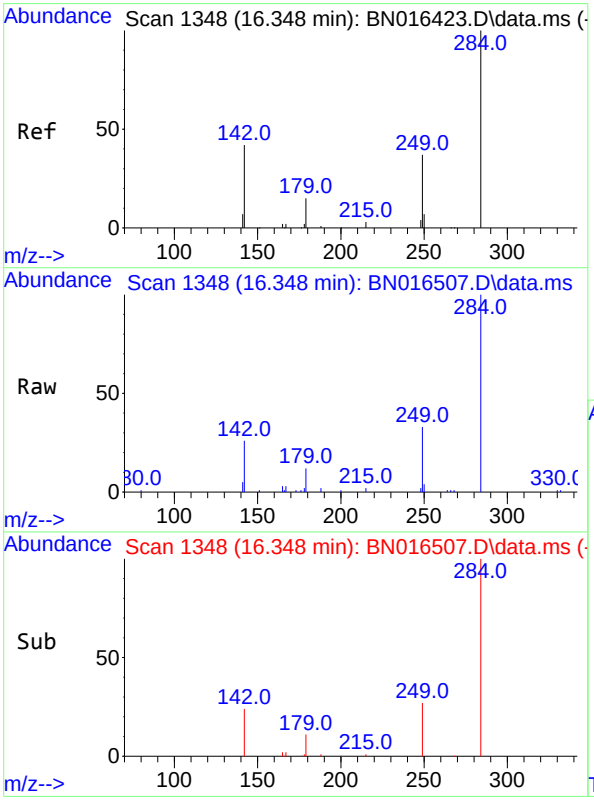


#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.238 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:248 Resp: 3985

Ion	Ratio	Lower	Upper
248	100		
250	92.5	80.5	120.7
141	78.3	34.8	52.2#

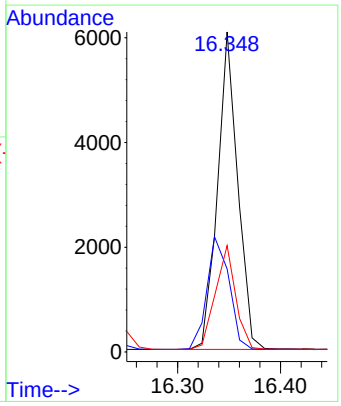




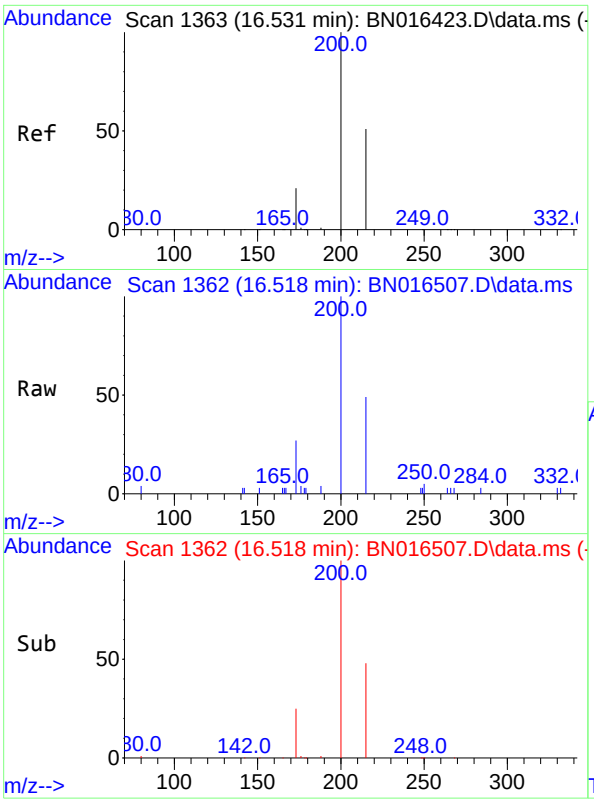
#22
Hexachlorobenzene
Concen: 0.74 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:284 Resp: 8255

Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.6	34.0#
249	32.8	24.4	36.6



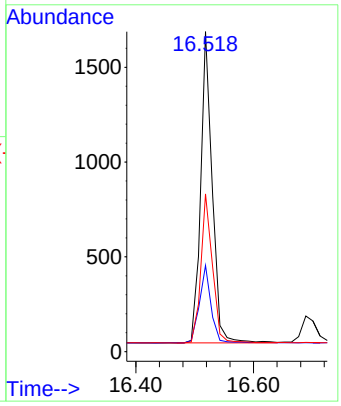
Instrument :
BNA_N
ClientSampleId :
PB139306BS

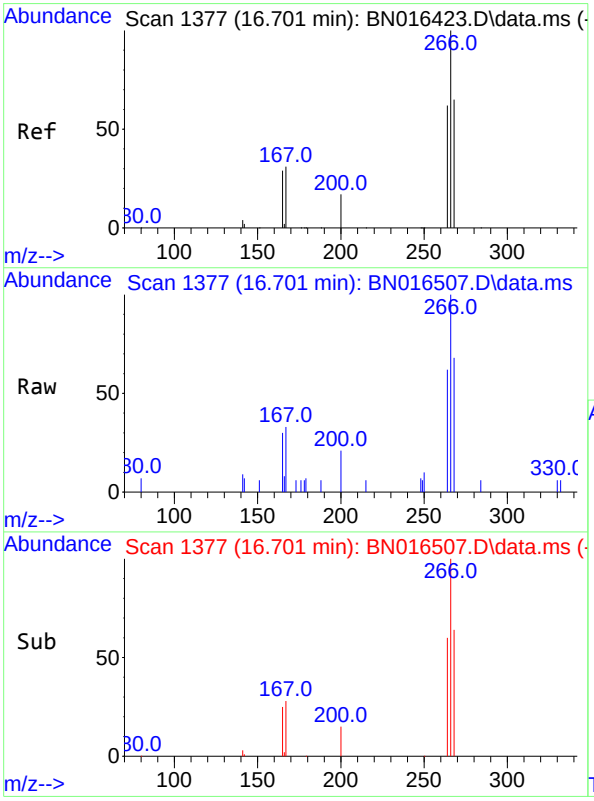


#23
Atrazine
Concen: 0.34 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:200 Resp: 2237

Ion	Ratio	Lower	Upper
200	100		
173	27.0	18.7	28.1
215	49.3	41.6	62.4

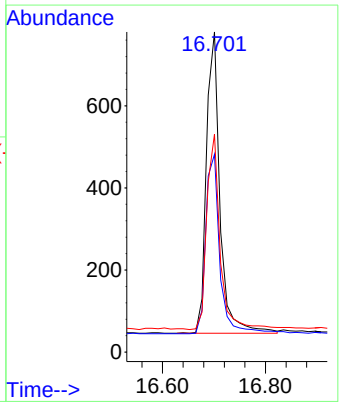




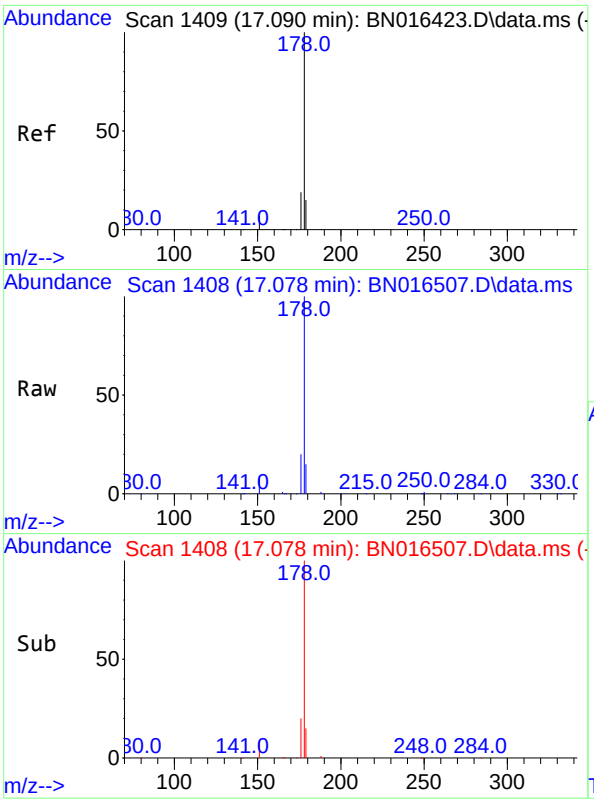
#24
Pentachlorophenol
Concen: 0.48 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:266 Resp: 1344

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.6	75.8
268	64.1	52.6	79.0



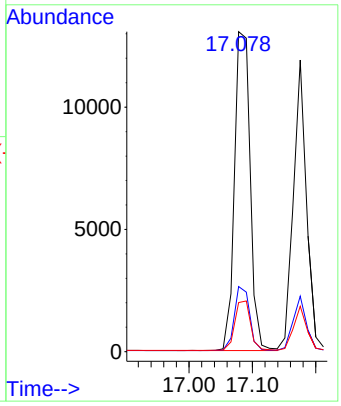
Instrument :
BNA_N
ClientSampleId :
PB139306BS

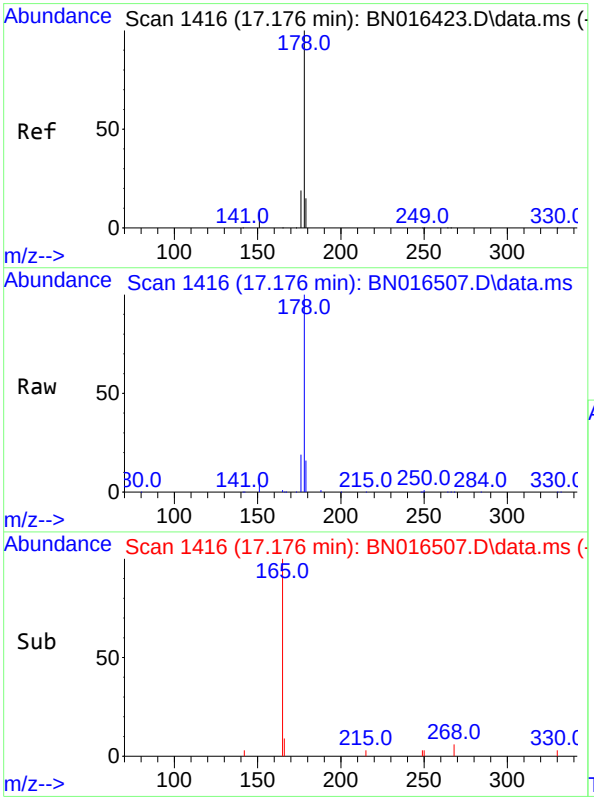


#25
Phenanthrene
Concen: 0.39 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:178 Resp: 22527

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.4	21.6
179	15.7	12.2	18.4

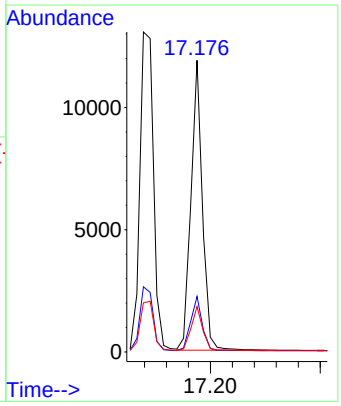




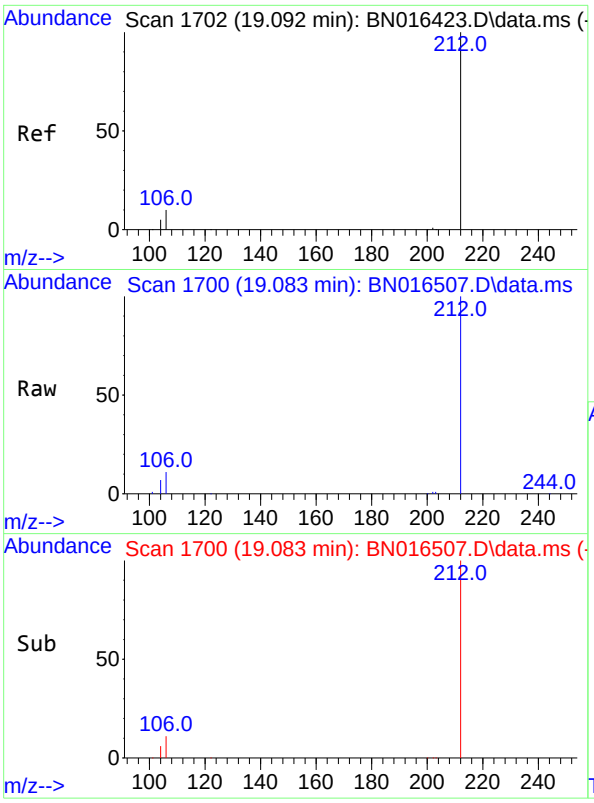
#26
Anthracene
Concen: 0.36 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:178 Resp: 17141

Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.9	20.9
179	15.4	12.2	18.4



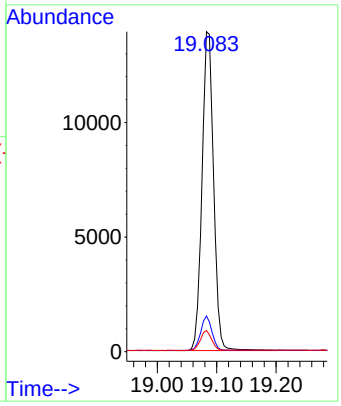
Instrument :
BNA_N
ClientSampleId :
PB139306BS

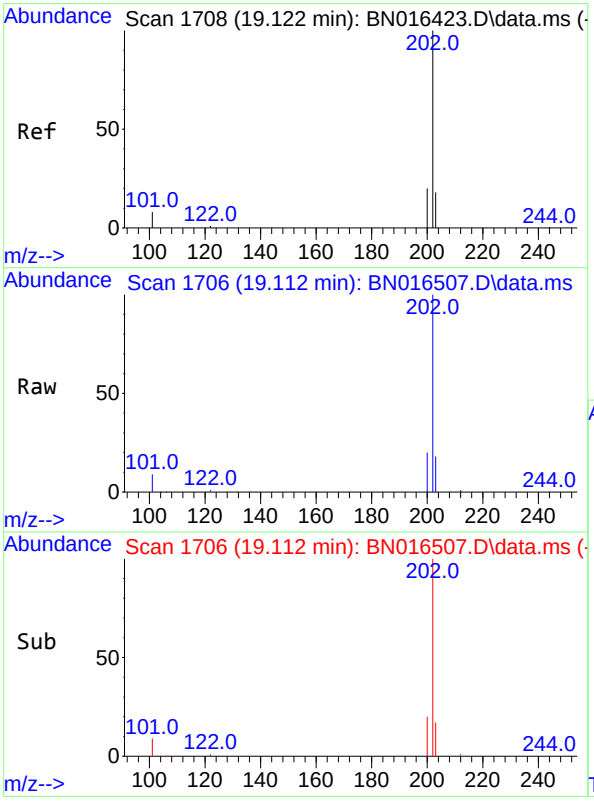


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:212 Resp: 18890

Ion	Ratio	Lower	Upper
212	100		
106	10.5	9.8	14.6
104	6.1	5.4	8.2

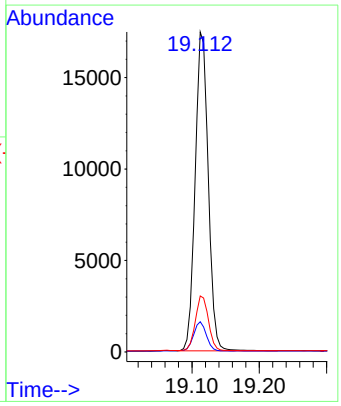




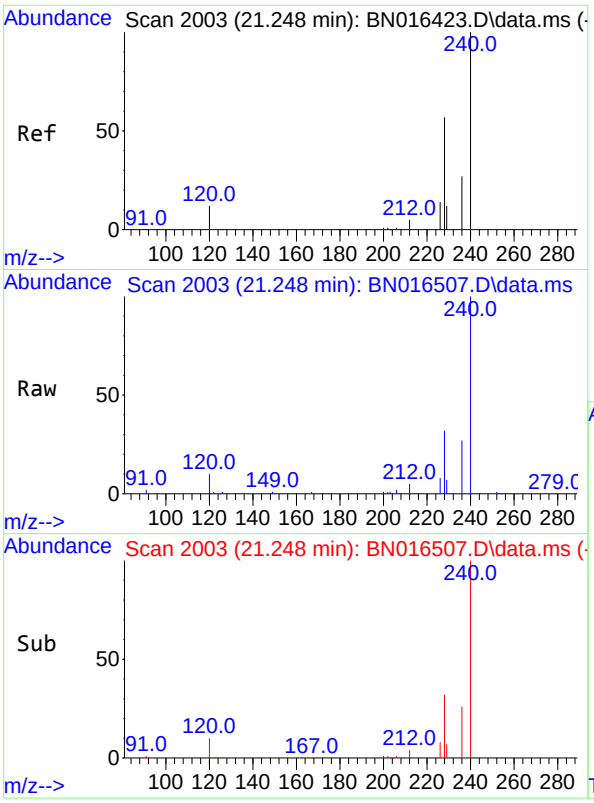
#28
Fluoranthene
Concen: 0.37 ng
RT: 19.112 min Scan# 1706
Delta R.T. -0.010 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:202 Resp: 23587

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.5	12.7
203	17.2	13.8	20.8



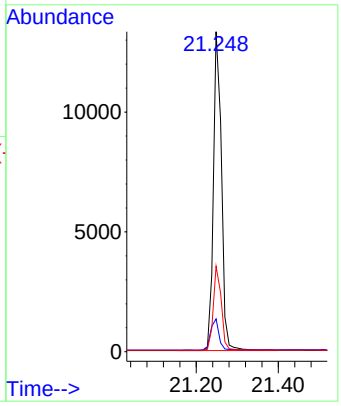
Instrument :
BNA_N
ClientSampleId :
PB139306BS

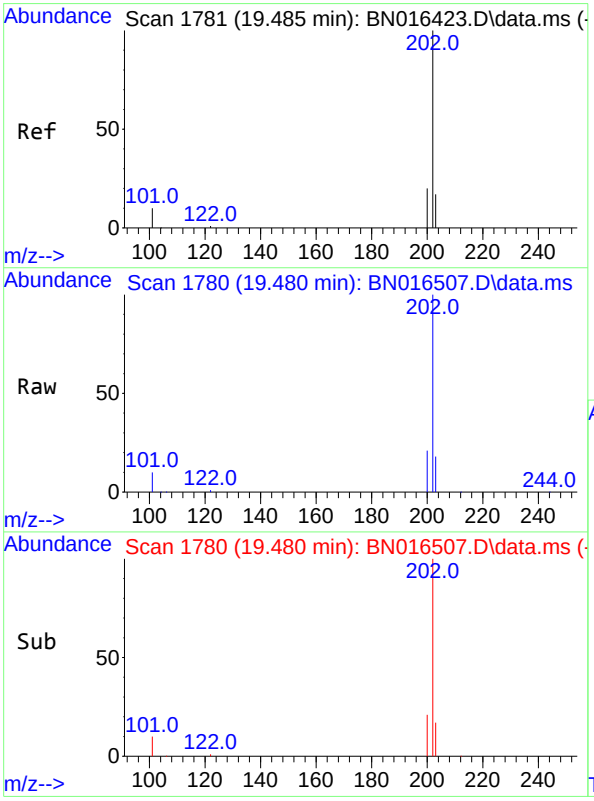


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:240 Resp: 18080

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.3	7.9#
236	26.7	19.8	29.8

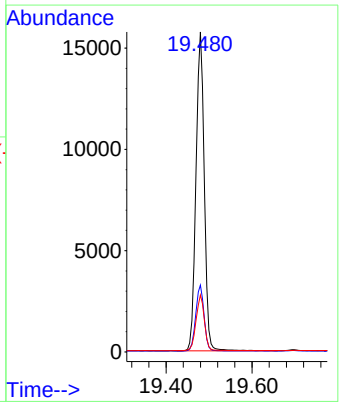




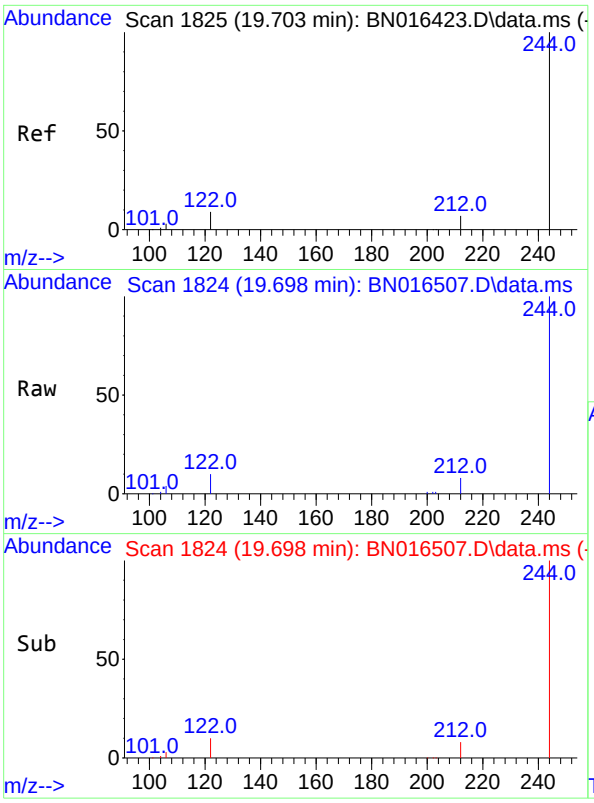
#30
Pyrene
Concen: 0.37 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:202 Resp: 21085

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.8	23.6
203	17.6	13.9	20.9



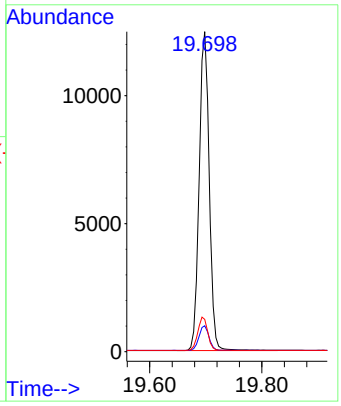
Instrument :
BNA_N
ClientSampleId :
PB139306BS

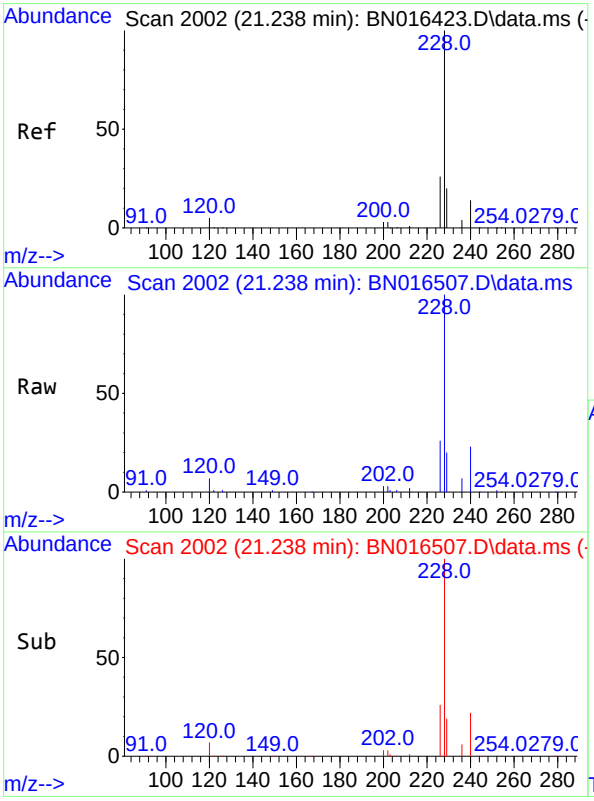


#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:244 Resp: 15466

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.5	8.3
122	10.1	9.0	13.4

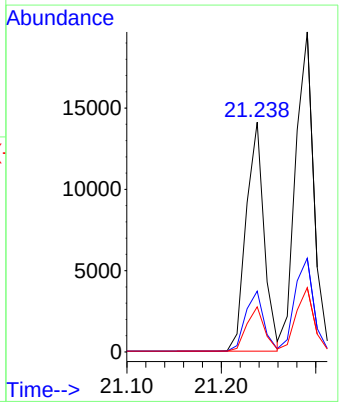




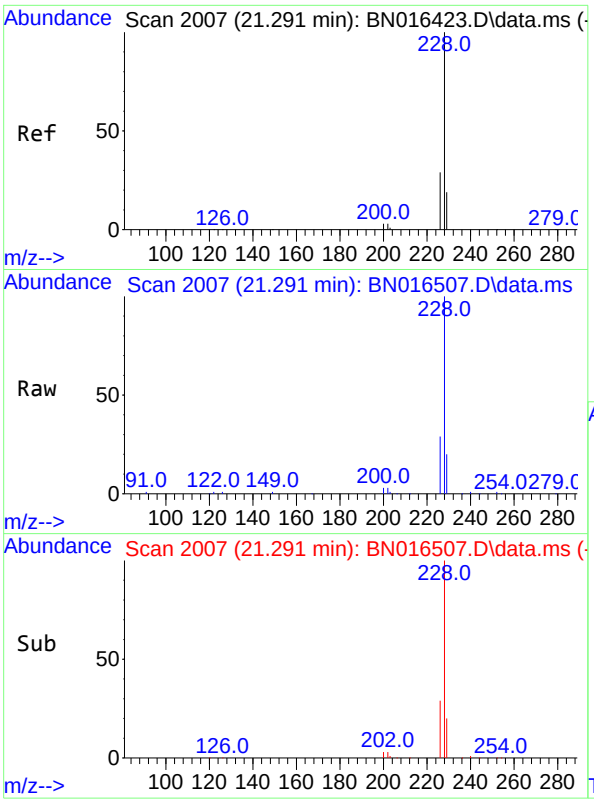
#32
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:228 Resp: 18591

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	19.7	15.8	23.6



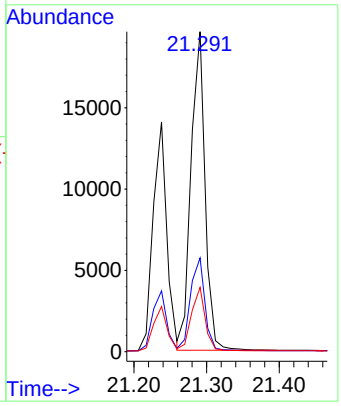
Instrument :
BNA_N
ClientSampleId :
PB139306BS

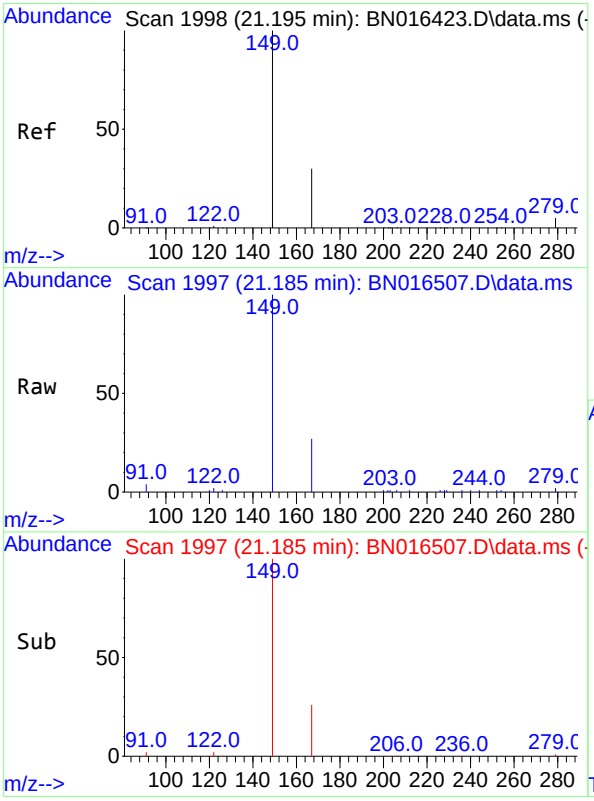


#33
Chrysene
Concen: 0.47 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:228 Resp: 26408

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	20.1	15.6	23.4

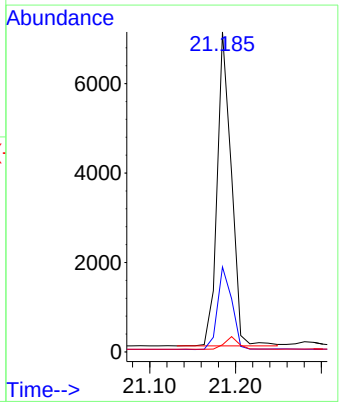




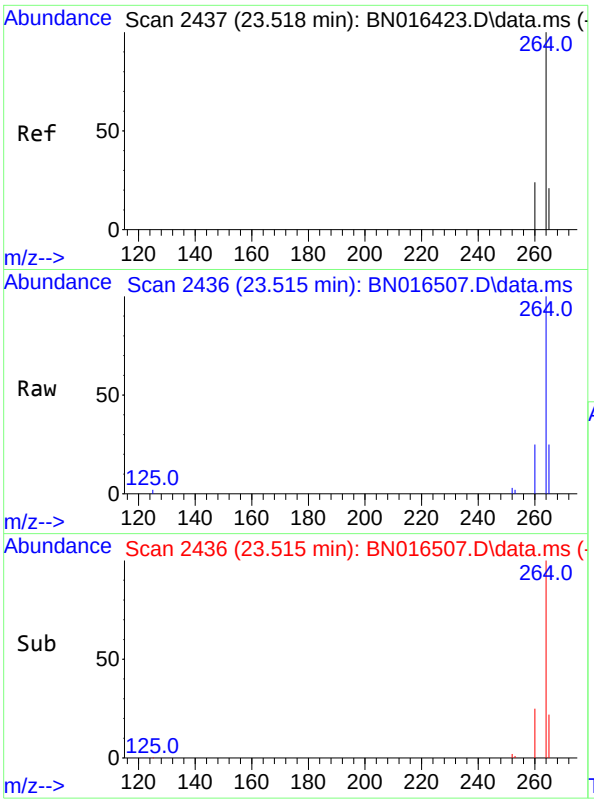
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:149 Resp: 8013

Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.4	35.0
279	4.0	3.9	5.9



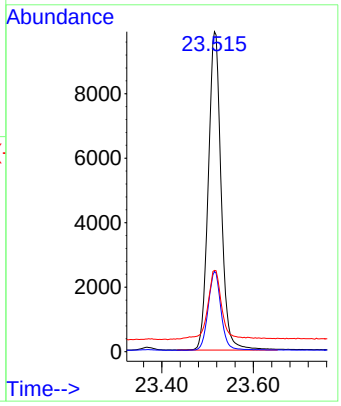
Instrument :
BNA_N
ClientSampleId :
PB139306BS

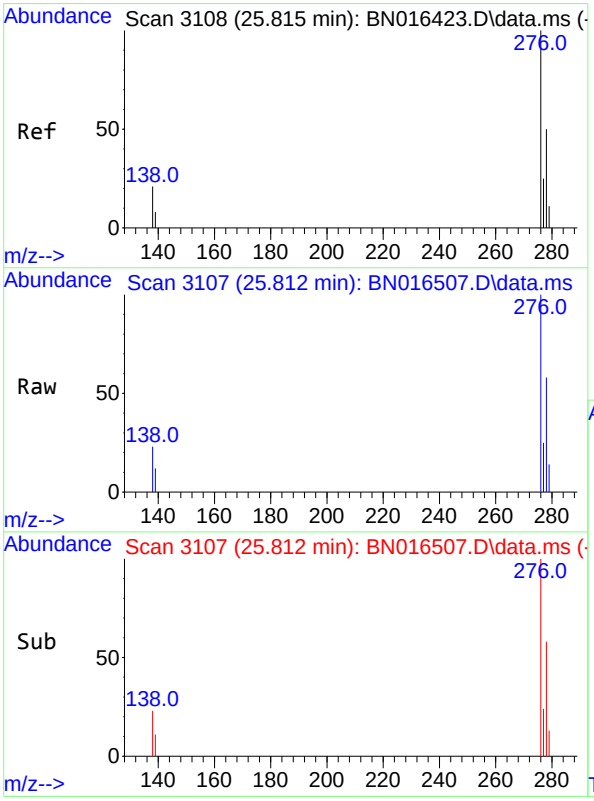


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:264 Resp: 19212

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.9	28.3
265	25.4	23.7	35.5

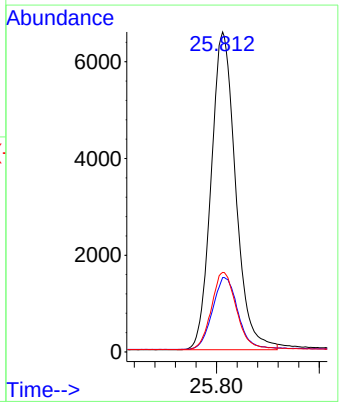




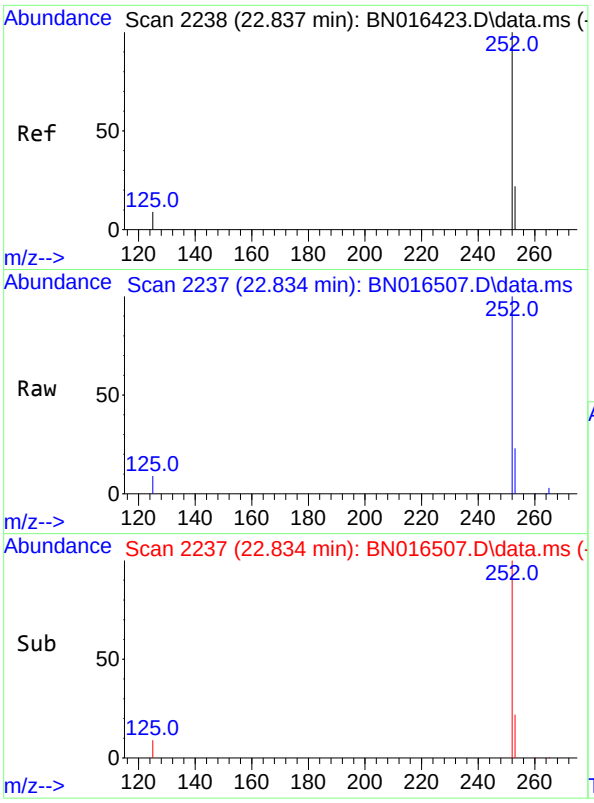
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.812 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:276 Resp: 21715

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.3	28.9
277	24.8	20.2	30.2



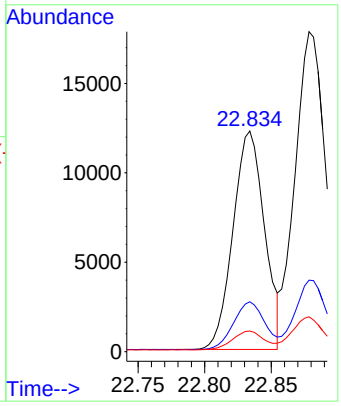
Instrument :
BNA_N
ClientSampleId :
PB139306BS

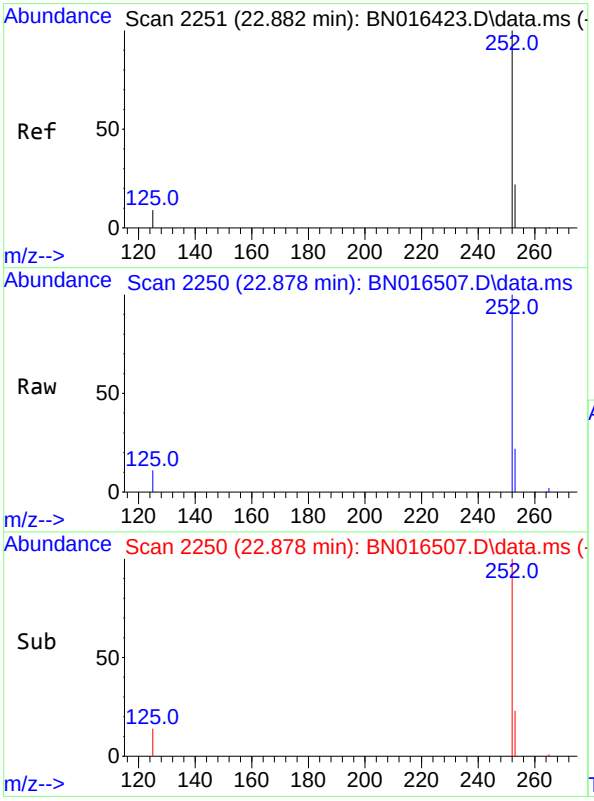


#37
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:252 Resp: 20085

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.3	8.4	12.6

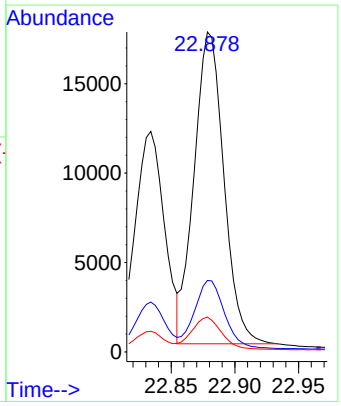




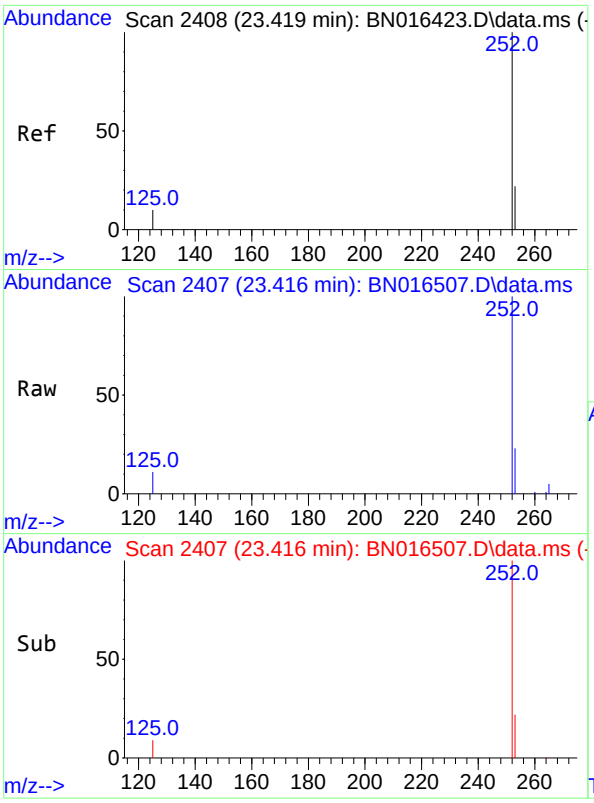
#38
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 22.878 min Scan# 2250
Delta R.T. -0.003 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:252 Resp: 28349

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.9	8.2	12.4



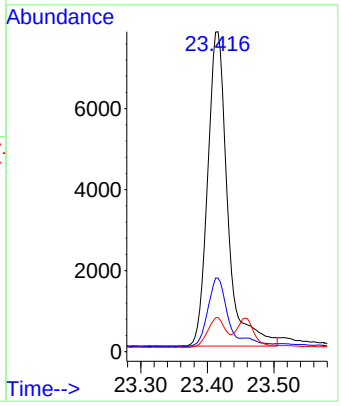
Instrument :
BNA_N
ClientSampleId :
PB139306BS

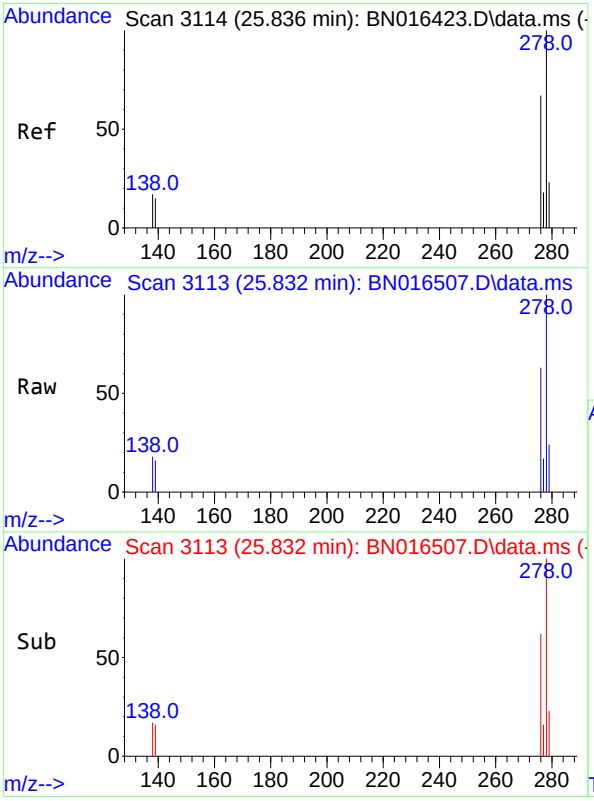


#39
Benzo(a)pyrene
Concen: 0.31 ng
RT: 23.416 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:252 Resp: 16145

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	10.7	9.9	14.9

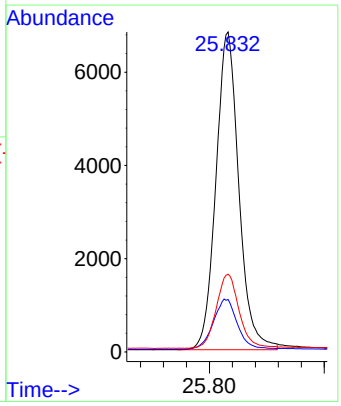


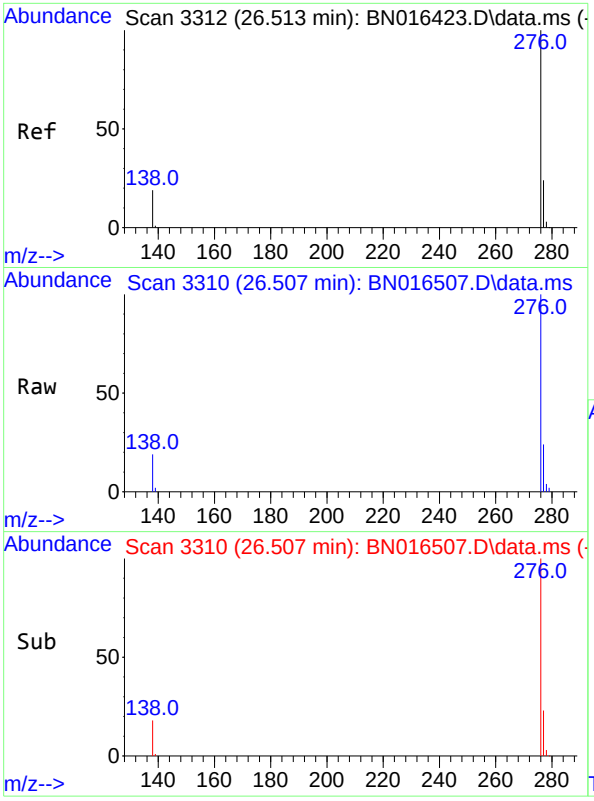


#40
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 25.832 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:278 Resp: 18884

Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.2
279	24.3	21.3	31.9

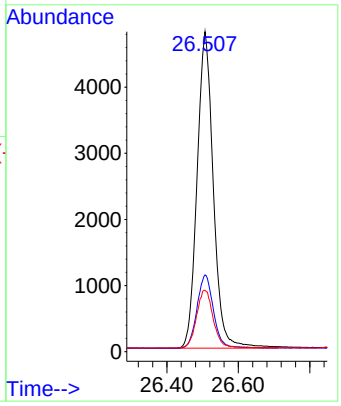




#41
Benzo(g,h,i)perylene
Concen: 0.28 ng
RT: 26.507 min Scan# 3310
Delta R.T. -0.007 min
Lab File: BN016507.D
Acq: 26 Sep 2021 12:49

Tgt Ion:276 Resp: 15115

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	19.1	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139306BS