Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016309.D
Acq On : 17 Sep 2021 22:53
Operator : CG/JU
Sample : PB139166BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139166BS

Quant Time: Sep 18 02:09:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

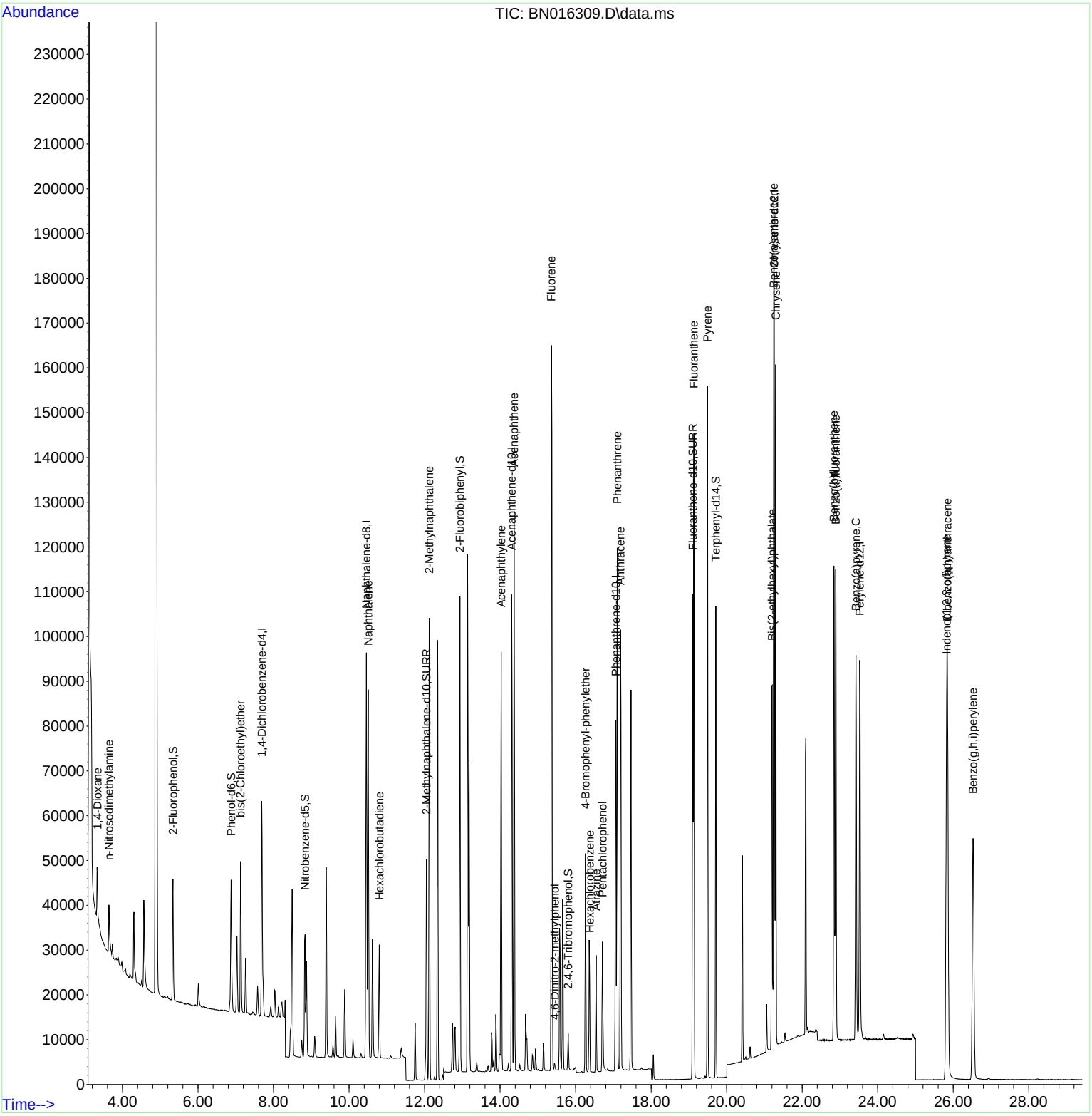
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	24603	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	114613	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	63943	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	118099	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	115279	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	111211	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	21959	0.356	ng	0.04
5) Phenol-d6	6.877	99	25468	0.340	ng	0.00
8) Nitrobenzene-d5	8.835	82	22463	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	70113	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5674	0.302	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	86282	0.345	ng	0.00
27) Fluoranthene-d10	19.102	212	119508	0.350	ng	0.00
31) Terphenyl-d14	19.713	244	103021	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	6485	0.634	ng	# 90
3) n-Nitrosodimethylamine	3.640	42	8547	0.365	ng	# 75
6) bis(2-Chloroethyl)ether	7.126	93	25224	0.378	ng	94
9) Naphthalene	10.508	128	105645	0.342	ng	99
10) Hexachlorobutadiene	10.799	225	20278	0.345	ng	# 99
12) 2-Methylnaphthalene	12.123	142	72559	0.354	ng	97
16) Acenaphthylene	14.027	152	98311	0.330	ng	99
17) Acenaphthene	14.370	154	61830	0.335	ng	100
18) Fluorene	15.360	166	76223	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.448	198	1379	0.375	ng	# 71
21) 4-Bromophenyl-phenylether	16.263	248	23309	0.337	ng	# 92
22) Hexachlorobenzene	16.372	284	22944	0.352	ng	# 90
23) Atrazine	16.543	200	19462	0.308	ng	97
24) Pentachlorophenol	16.713	266	14274	0.649	ng	98
25) Phenanthrene	17.103	178	115096	0.345	ng	99
26) Anthracene	17.188	178	110885	0.343	ng	99
28) Fluoranthene	19.132	202	129902	0.338	ng	99
30) Pyrene	19.495	202	132545	0.364	ng	99
32) Benzo(a)anthracene	21.248	228	129666	0.350	ng	100
33) Chrysene	21.302	228	129878	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	61662	0.309	ng	99
36) Indeno(1,2,3-cd)pyrene	25.825	276	133805	0.373	ng	99
37) Benzo(b)fluoranthene	22.841	252	132764	0.376	ng	99
38) Benzo(k)fluoranthene	22.889	252	128726	0.379	ng	99
39) Benzo(a)pyrene	23.426	252	122876	0.385	ng	99
40) Dibenzo(a,h)anthracene	25.846	278	112796	0.370	ng	96
41) Benzo(g,h,i)perylene	26.524	276	114460	0.377	ng	96

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

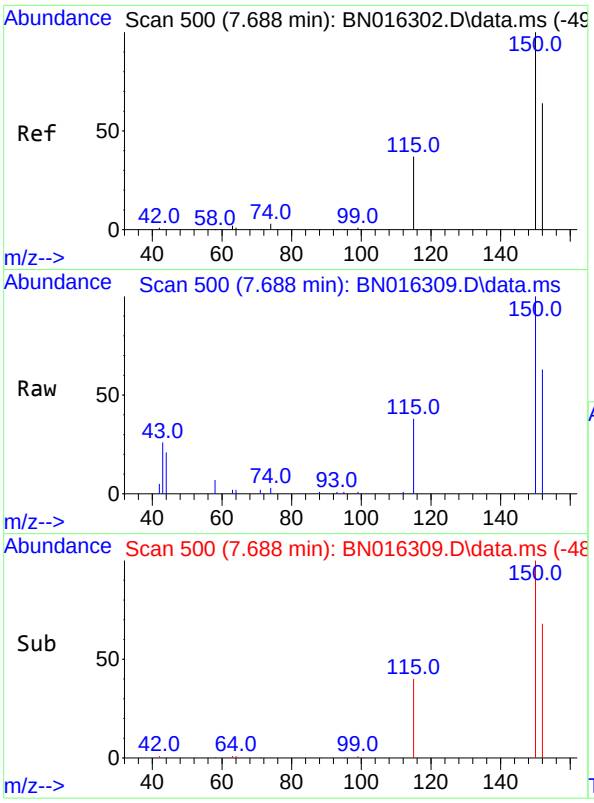
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016309.D
Acq On : 17 Sep 2021 22:53
Operator : CG/JU
Sample : PB139166BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139166BS

Quant Time: Sep 18 02:09:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration



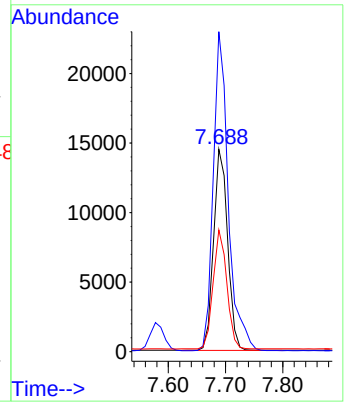
Instrument :
BNA_N
ClientSampleId :
PB139166BS

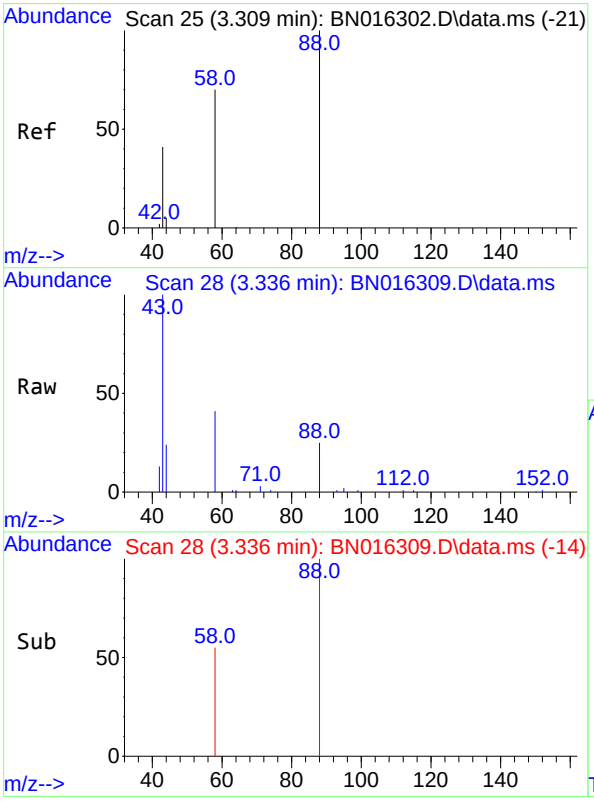


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:152 Resp: 24603

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.6	188.4
115	60.1	50.2	75.2

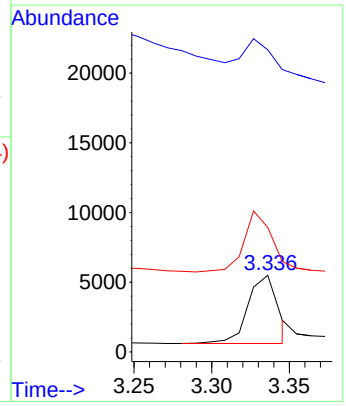




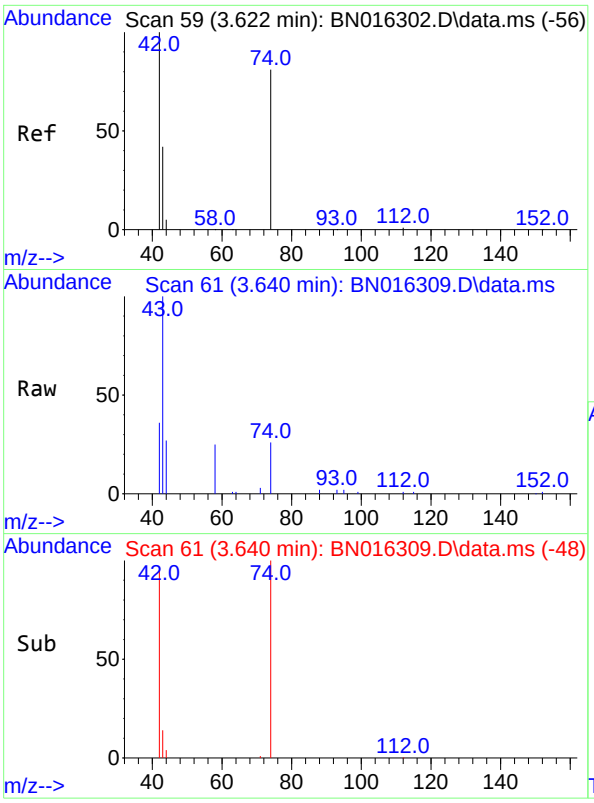
#2
1,4-Dioxane
Concen: 0.634 ng
RT: 3.336 min Scan# 28
Delta R.T. 0.028 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion: 88 Resp: 6485

Ion	Ratio	Lower	Upper
88	100		
43	37.7	20.3	30.5#
58	82.5	69.9	104.9



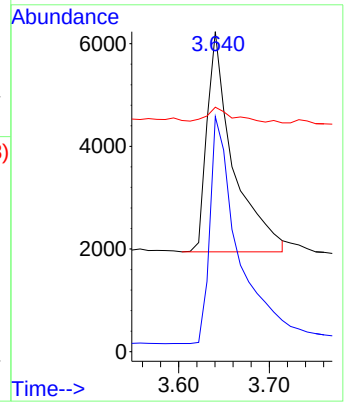
Instrument :
BNA_N
ClientSampleId :
PB139166BS

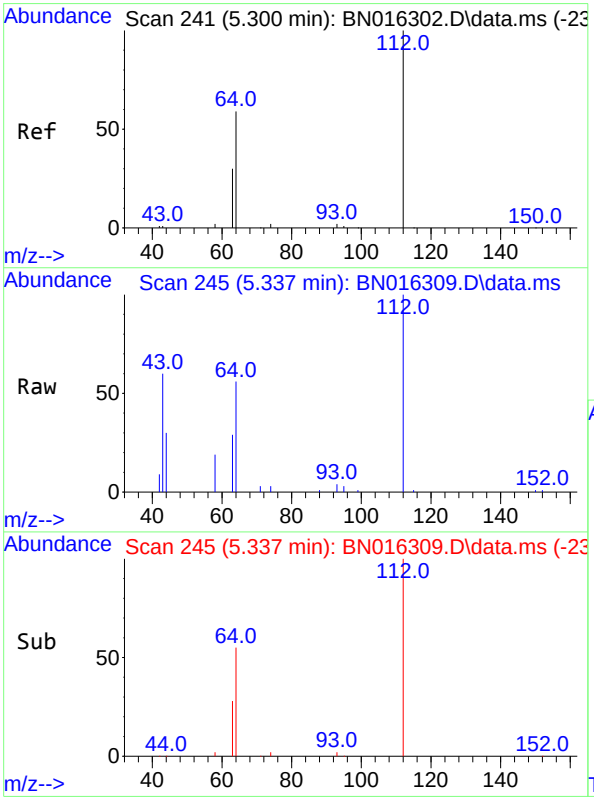


#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.640 min Scan# 61
Delta R.T. 0.018 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion: 42 Resp: 8547

Ion	Ratio	Lower	Upper
42	100		
74	111.6	113.6	170.4#
44	7.4	0.0	0.0#

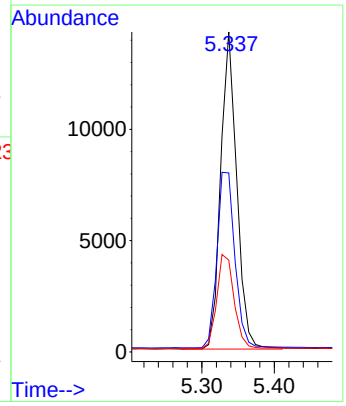




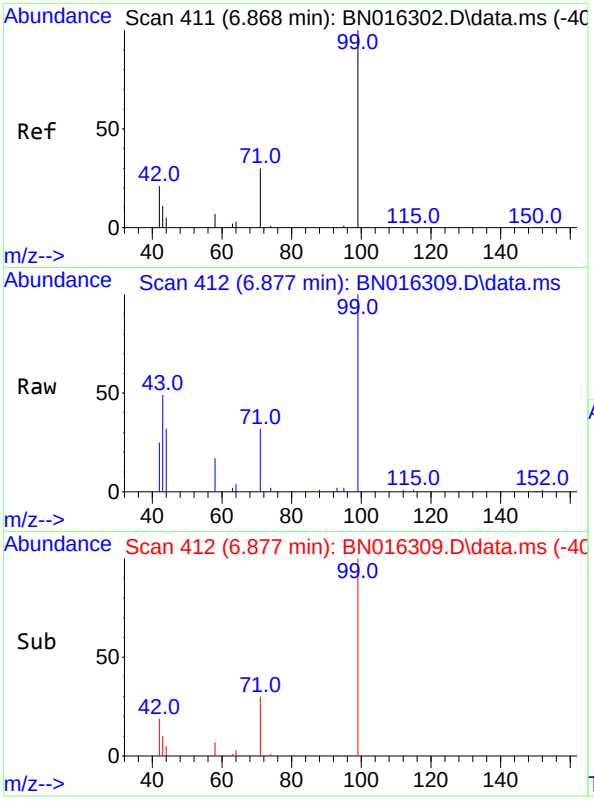
#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.037 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:112 Resp: 21959

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.3	70.9
63	32.1	23.4	35.0



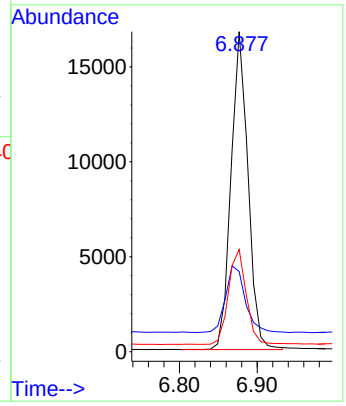
Instrument :
BNA_N
ClientSampleId :
PB139166BS

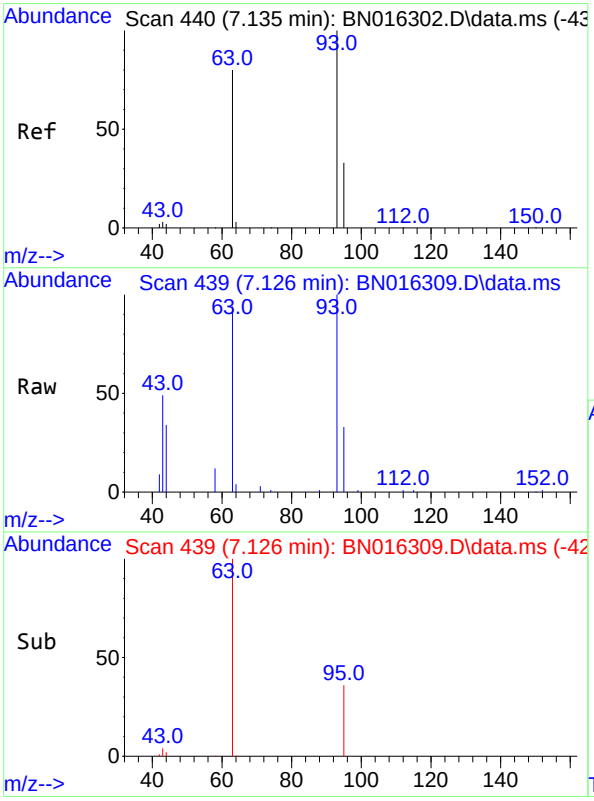


#5
Phenol-d6
Concen: 0.340 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion: 99 Resp: 25468

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.0	21.0#
71	31.1	23.8	35.6

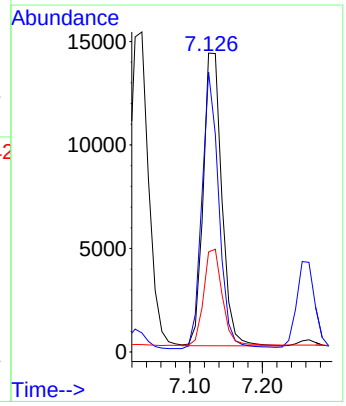




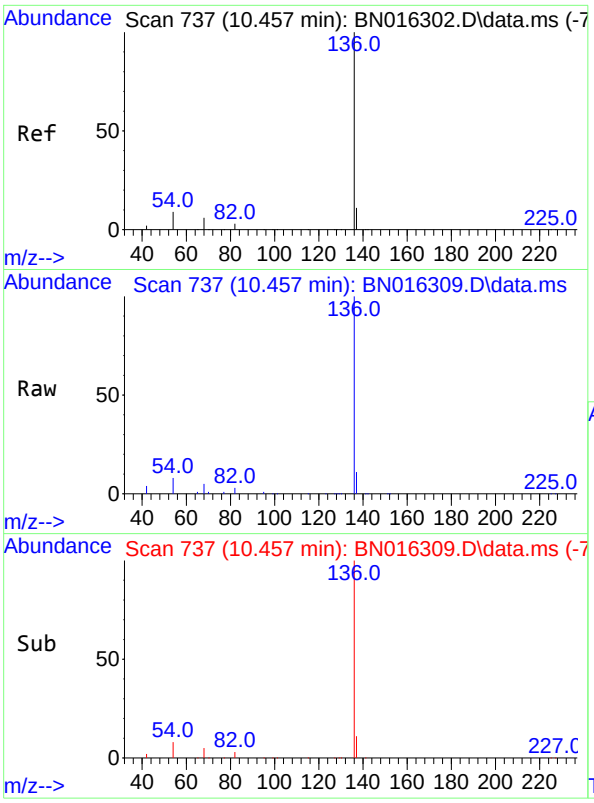
#6
bis(2-Chloroethyl)ether
Concen: 0.378 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.009 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion: 93 Resp: 25224

Ion	Ratio	Lower	Upper
93	100		
63	86.6	63.4	95.0
95	33.3	26.8	40.2



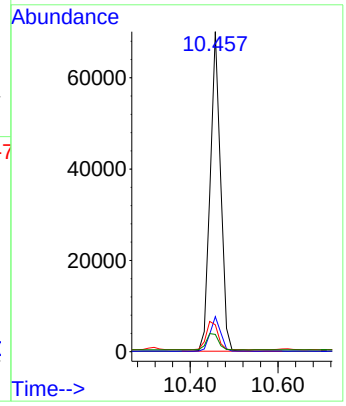
Instrument :
BNA_N
ClientSampleId :
PB139166BS

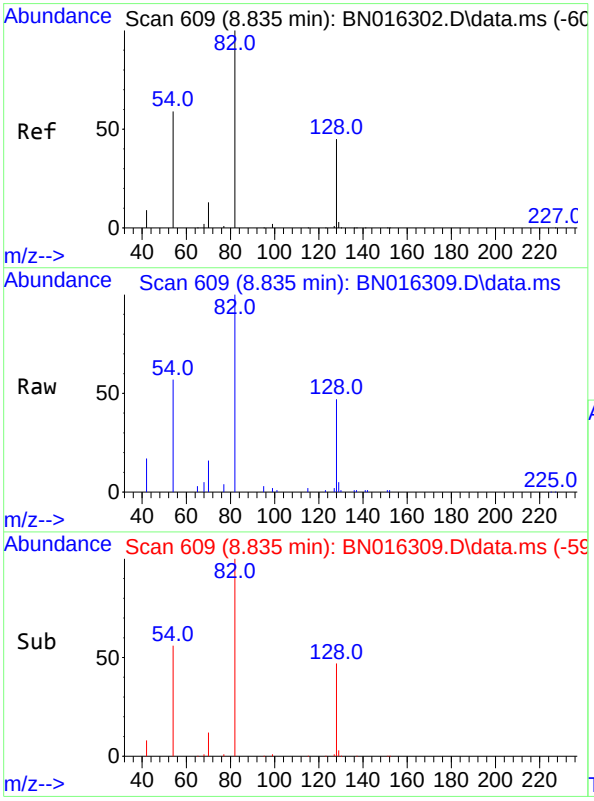


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:136 Resp: 114613

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	5.3	7.9#
68	5.4	3.9	5.9

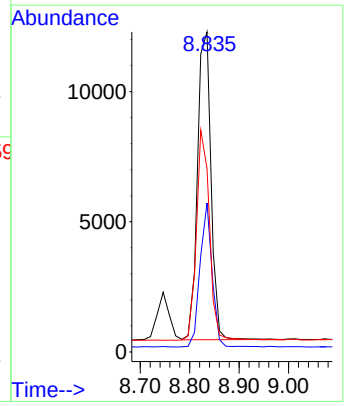




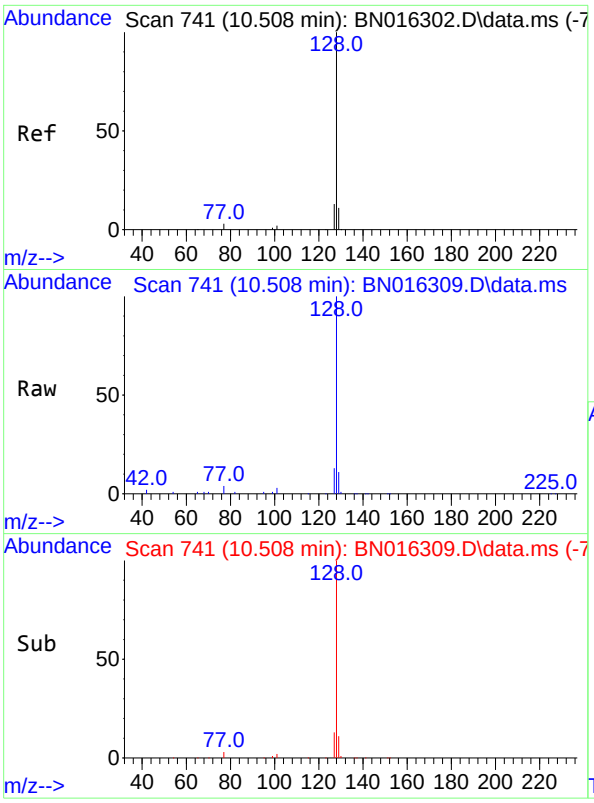
#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.835 min Scan# 609
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion: 82 Resp: 22463

Ion	Ratio	Lower	Upper
82	100		
128	46.5	31.7	47.5
54	57.3	46.4	69.6



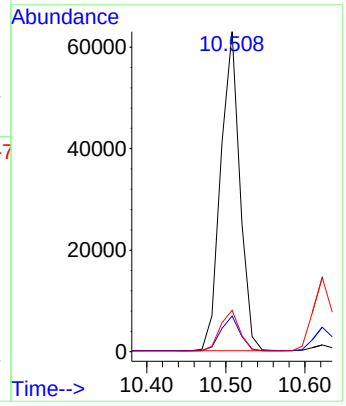
Instrument :
BNA_N
ClientSampleId :
PB139166BS

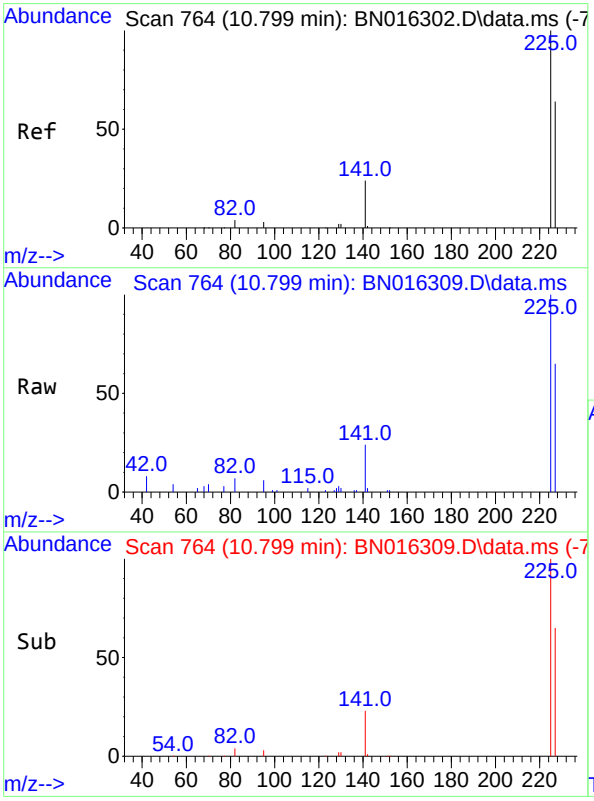


#9
Naphthalene
Concen: 0.342 ng
RT: 10.508 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:128 Resp: 105645

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.0	10.1	15.1

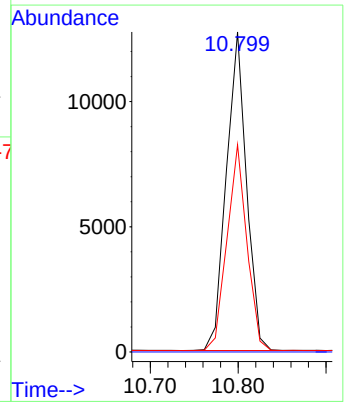




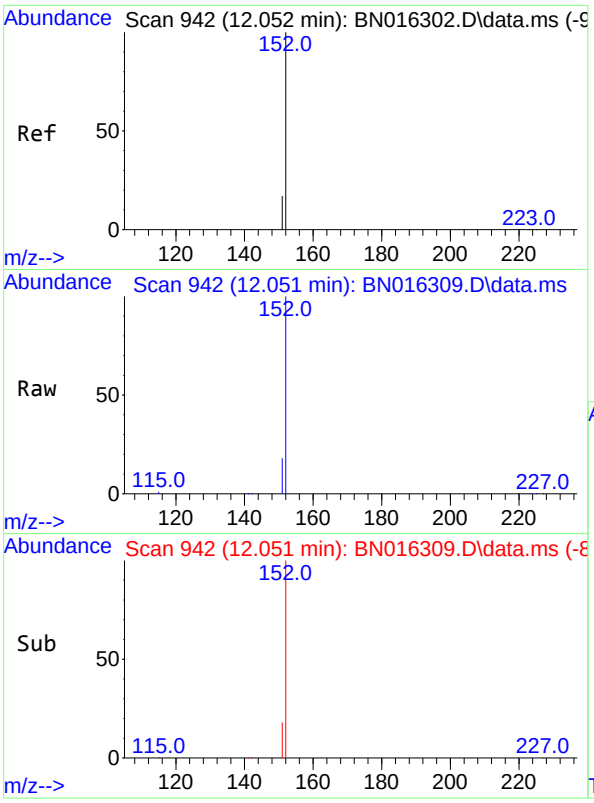
#10
Hexachlorobutadiene
Concen: 0.345 ng
RT: 10.799 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:225 Resp: 20278

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.5	77.3



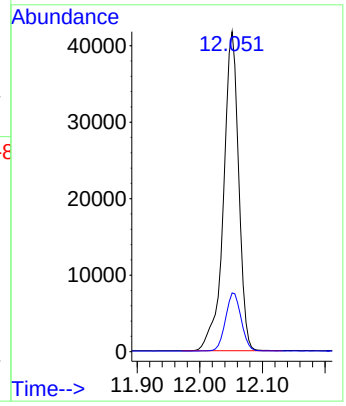
Instrument :
BNA_N
ClientSampleId :
PB139166BS

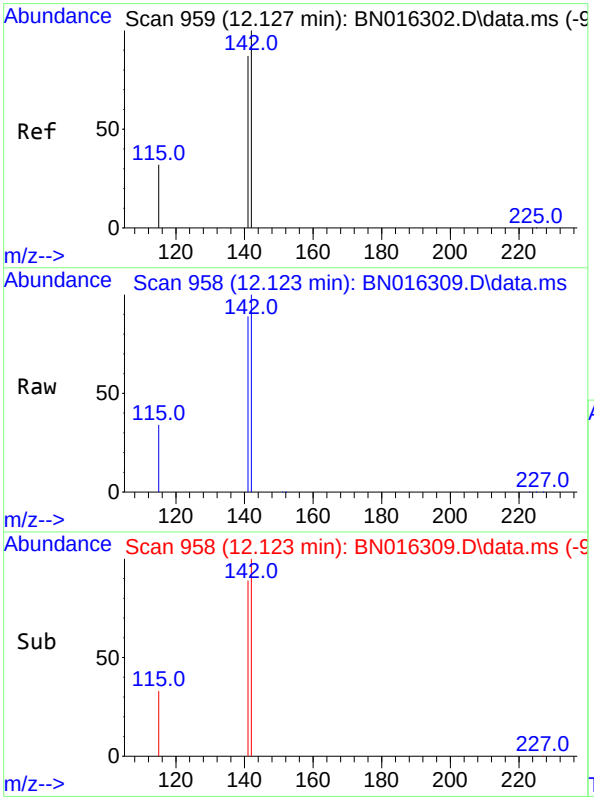


#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.051 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:152 Resp: 70113

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.1	24.1

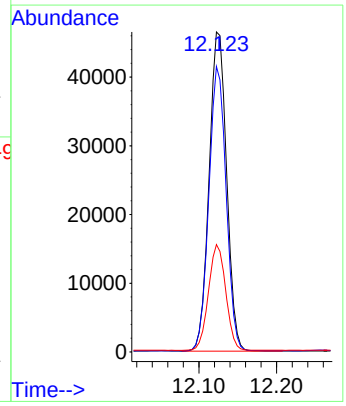




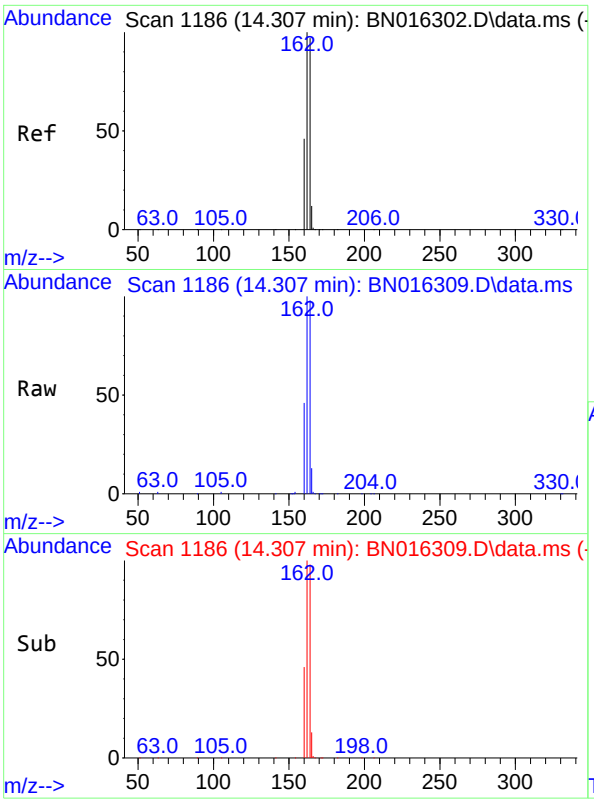
#12
2-Methylnaphthalene
Concen: 0.354 ng
RT: 12.123 min Scan# 958
Delta R.T. -0.005 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:142 Resp: 72559

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.8
115	33.5	24.4	36.6



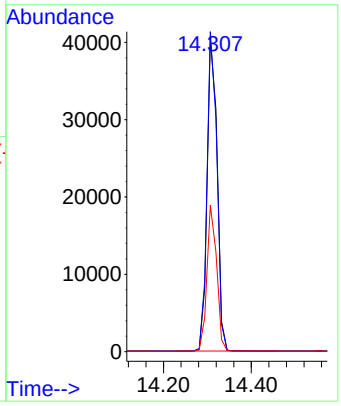
Instrument :
BNA_N
ClientSampleId :
PB139166BS

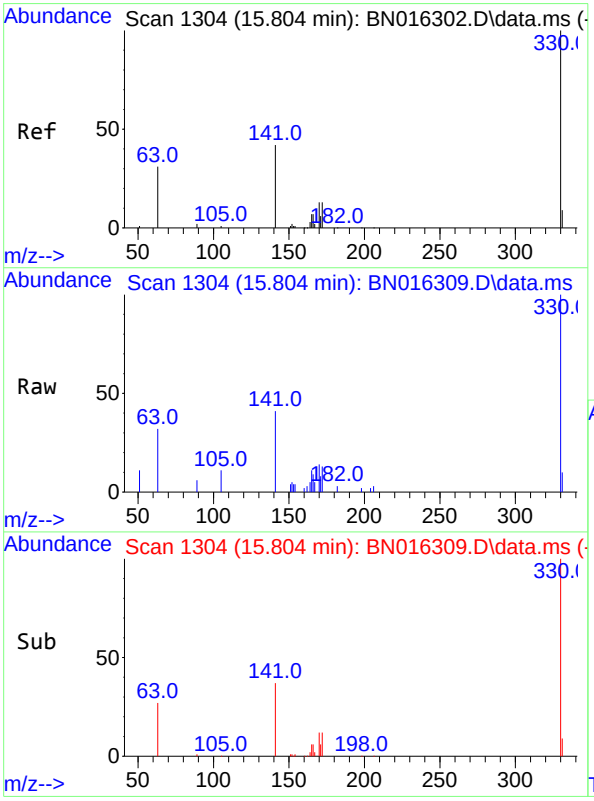


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:164 Resp: 63943

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.0	118.4
160	46.9	34.1	51.1

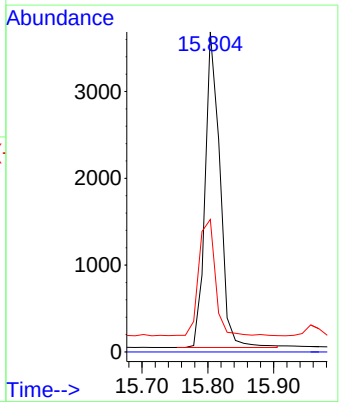




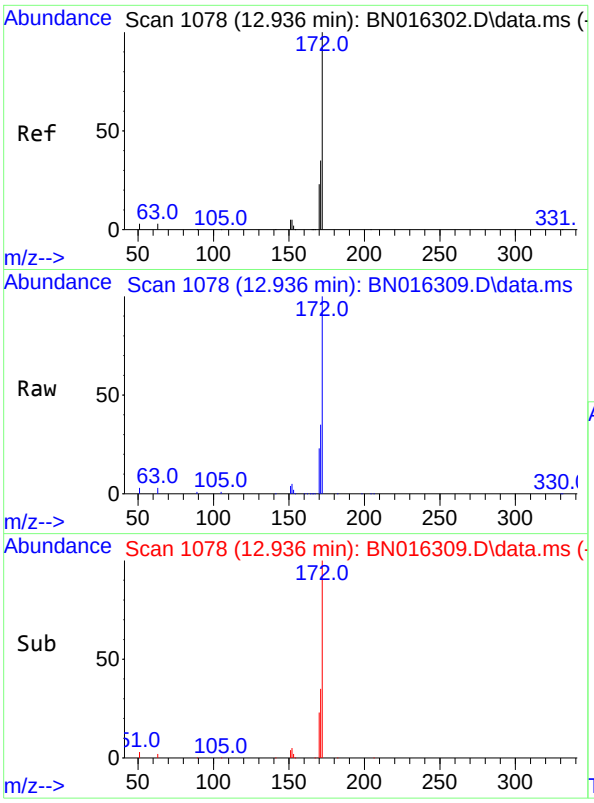
#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.804 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:330 Resp: 5674

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.1	25.0	37.4#



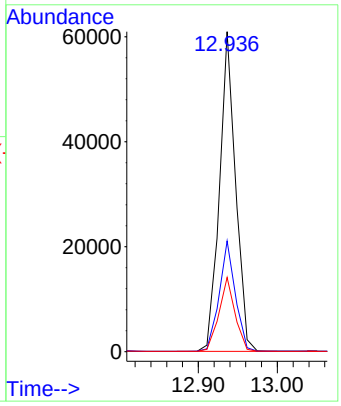
Instrument :
BNA_N
ClientSampleId :
PB139166BS

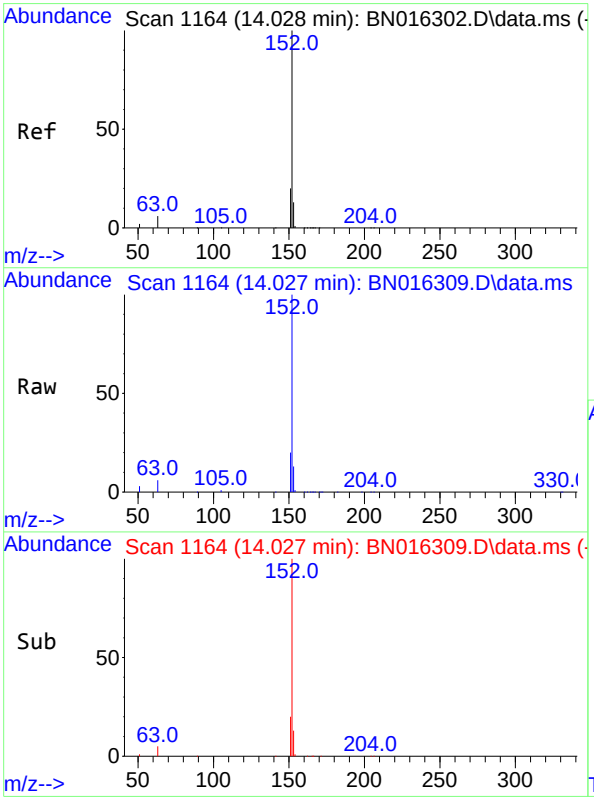


#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.936 min Scan# 1078
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:172 Resp: 86282

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.2	27.2

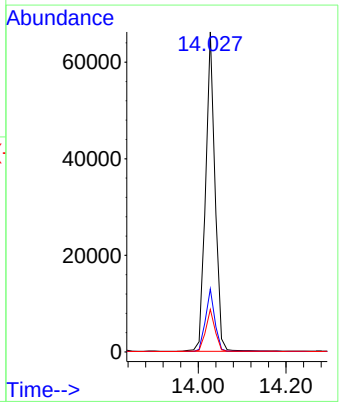




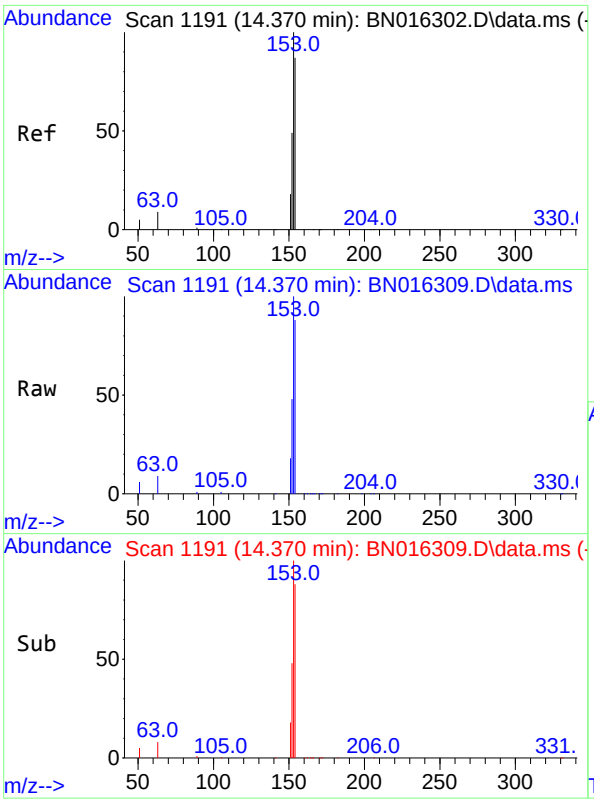
#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.027 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:152 Resp: 98311

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8
153	13.1	10.5	15.7



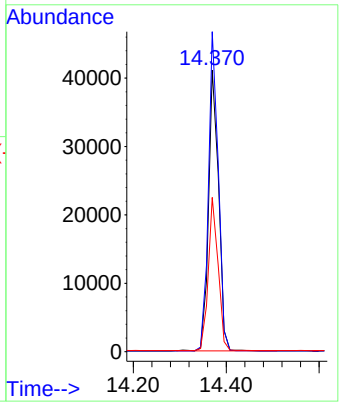
Instrument :
BNA_N
ClientSampleId :
PB139166BS

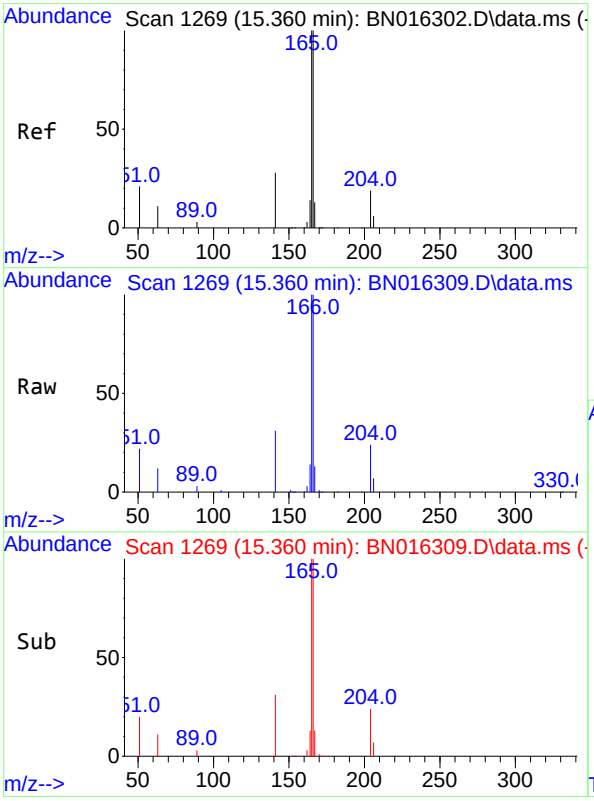


#17
Acenaphthene
Concen: 0.335 ng
RT: 14.370 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:154 Resp: 61830

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.3	133.9
152	53.4	42.2	63.4

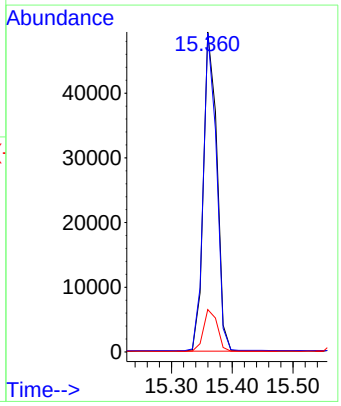




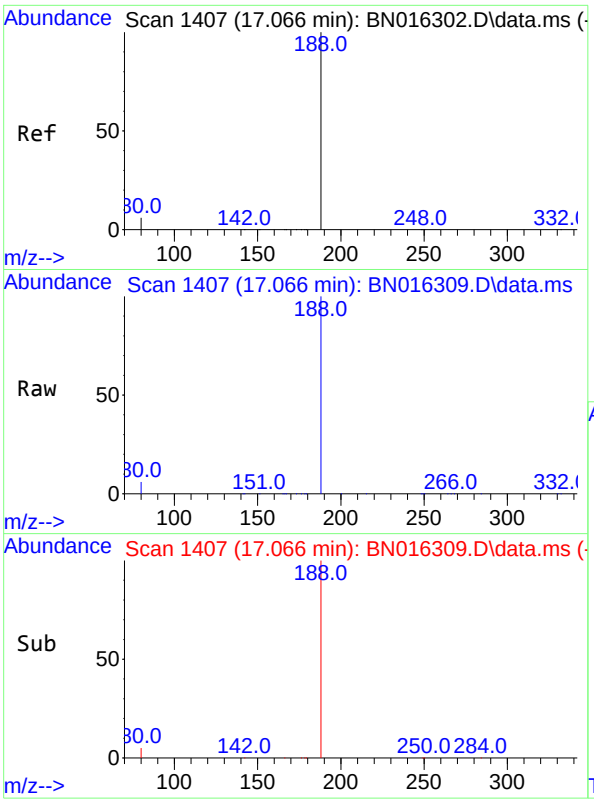
#18
Fluorene
Concen: 0.333 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:166 Resp: 76223

Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.7	115.1
167	13.4	10.9	16.3



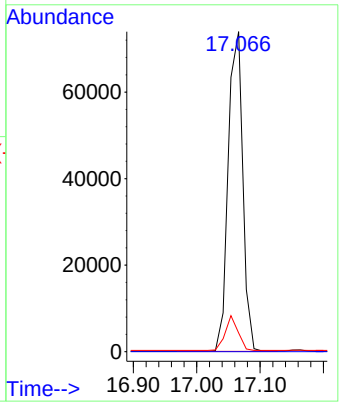
Instrument :
BNA_N
ClientSampleId :
PB139166BS

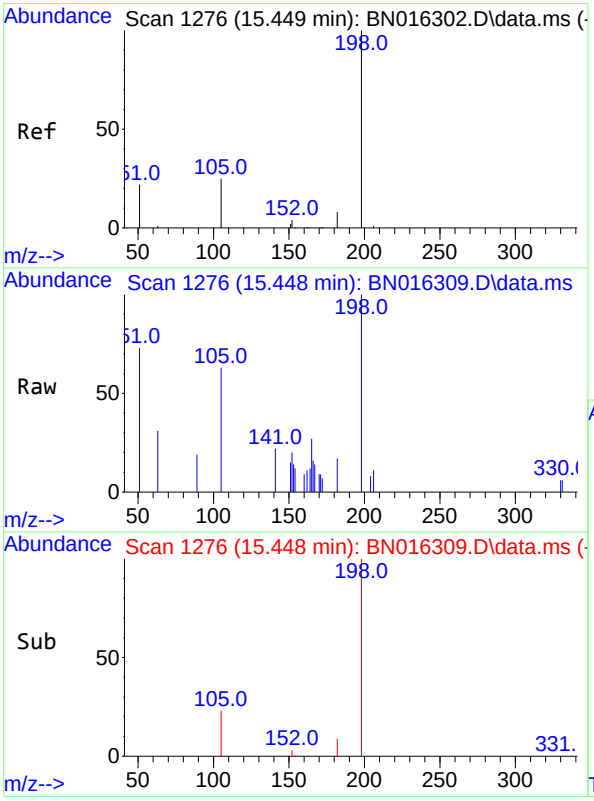


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:188 Resp: 118099

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	7.0	10.6#

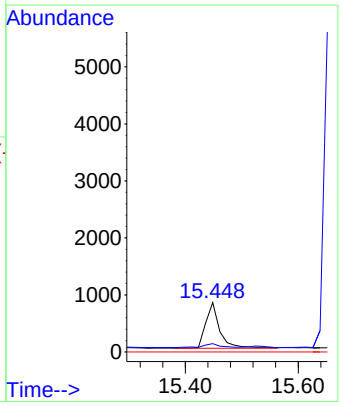




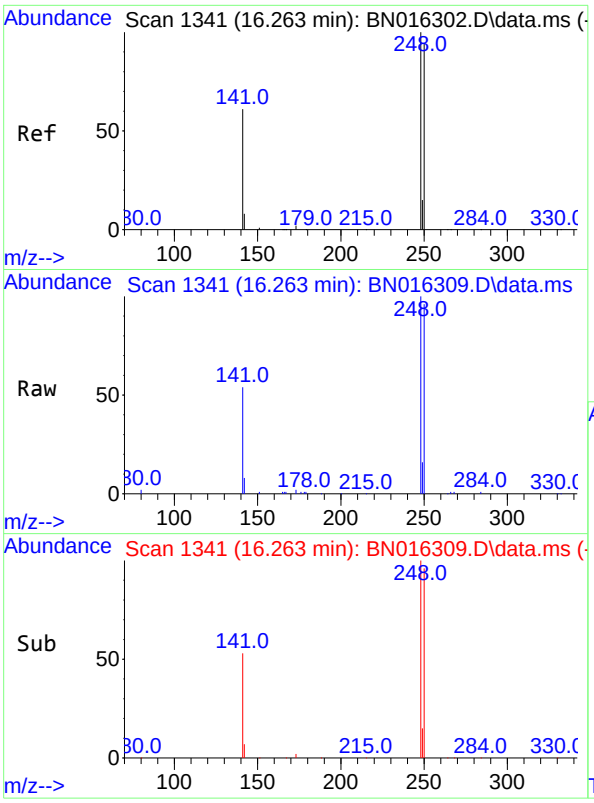
#20
4,6-Dinitro-2-methylphenol
Concen: 0.375 ng
RT: 15.448 min Scan# 1276
Delta R.T. -0.001 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:198 Resp: 1379

Ion	Ratio	Lower	Upper
198	100		
182	16.8	26.6	39.8#
77	0.0	0.0	0.0



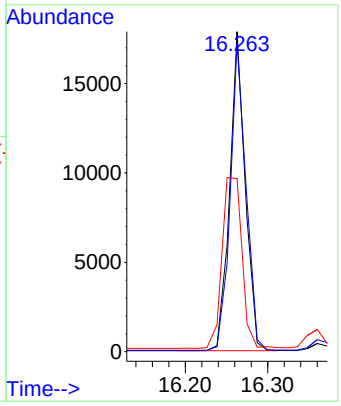
Instrument :
BNA_N
ClientSampleId :
PB139166BS

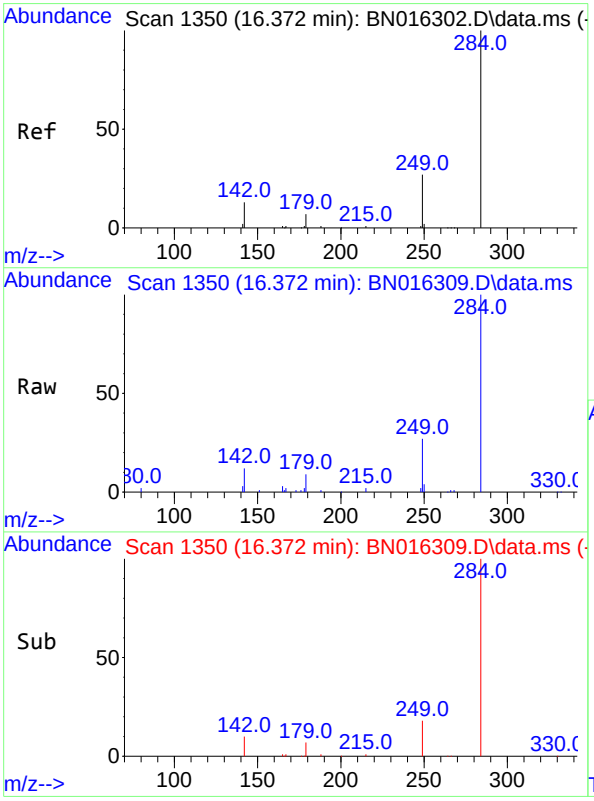


#21
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.263 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:248 Resp: 23309

Ion	Ratio	Lower	Upper
248	100		
250	96.5	80.5	120.7
141	54.1	34.8	52.2#

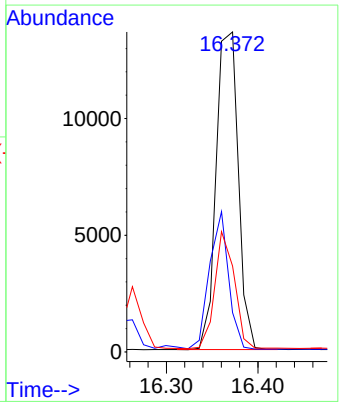




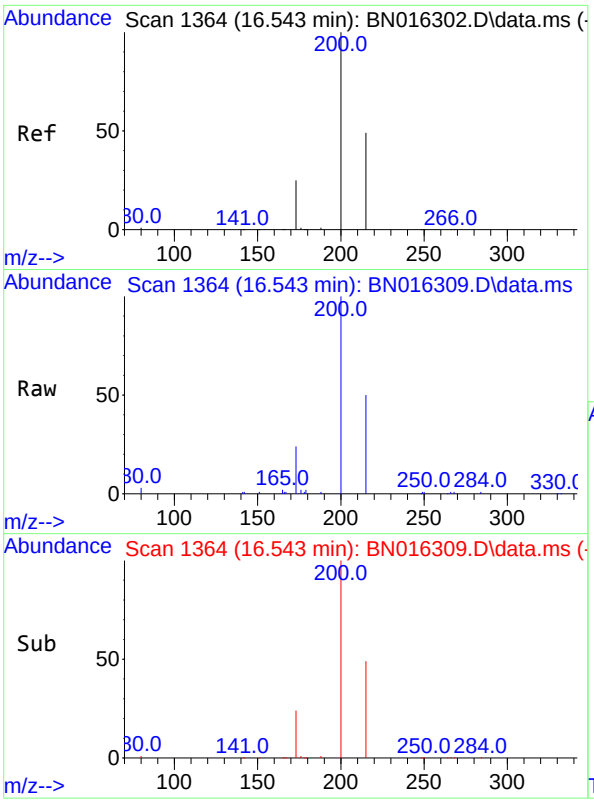
#22
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.372 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:284 Resp: 22944

Ion	Ratio	Lower	Upper
284	100		
142	37.2	22.6	34.0#
249	32.4	24.4	36.6



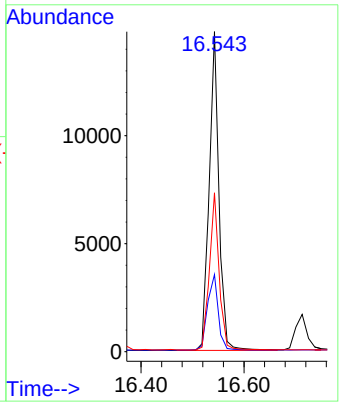
Instrument :
BNA_N
ClientSampleId :
PB139166BS

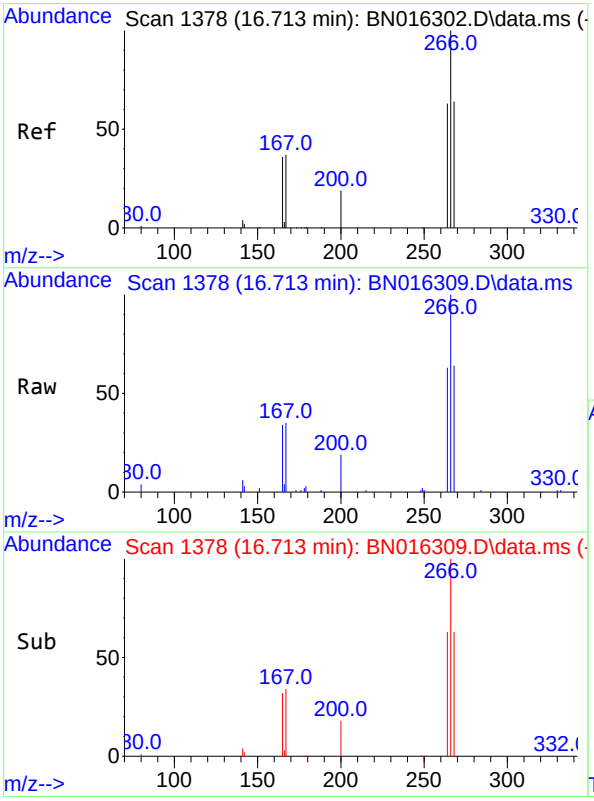


#23
Atrazine
Concen: 0.308 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:200 Resp: 19462

Ion	Ratio	Lower	Upper
200	100		
173	24.1	18.7	28.1
215	49.6	41.6	62.4

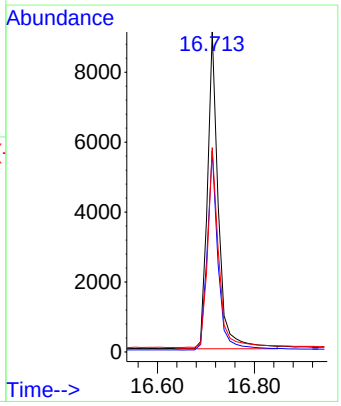




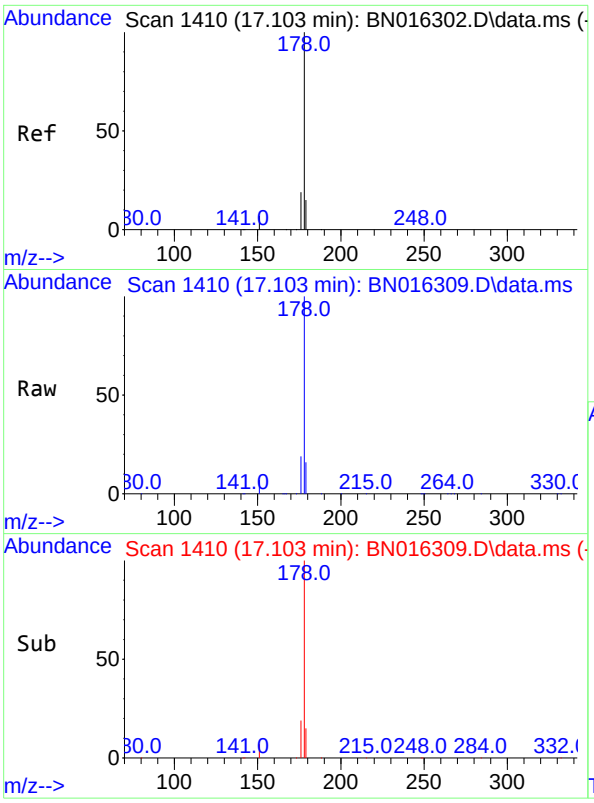
#24
Pentachlorophenol
Concen: 0.649 ng
RT: 16.713 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:266 Resp: 14274

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	75.8
268	63.5	52.6	79.0



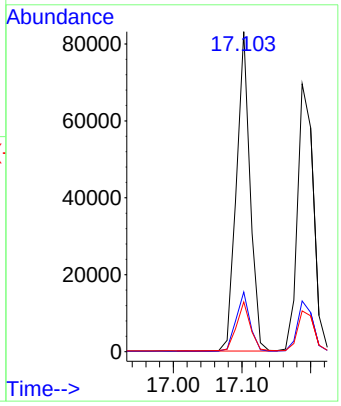
Instrument :
BNA_N
ClientSampleId :
PB139166BS

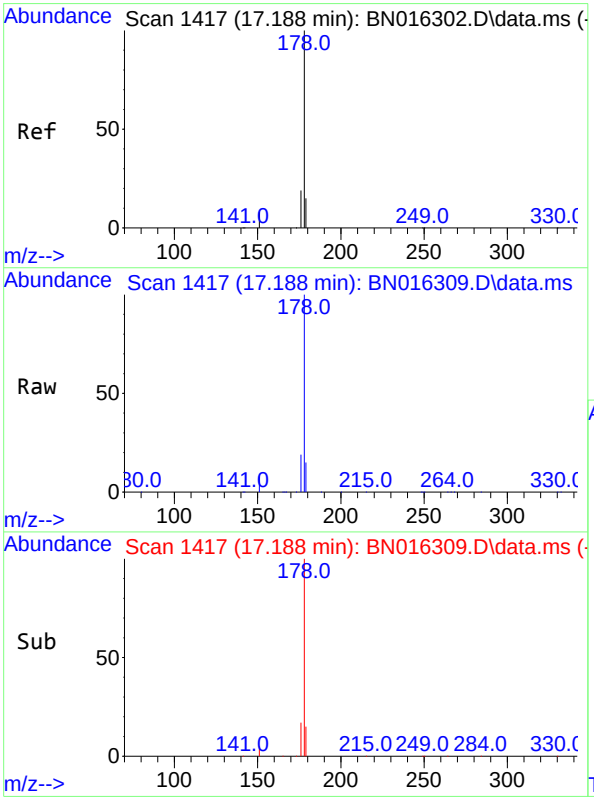


#25
Phenanthrene
Concen: 0.345 ng
RT: 17.103 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:178 Resp: 115096

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	15.4	12.2	18.4

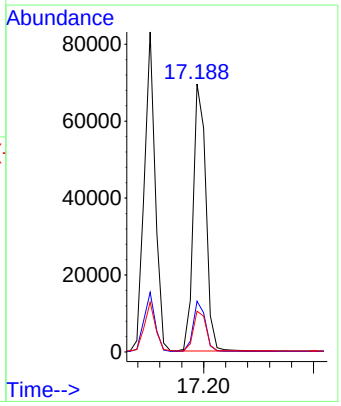


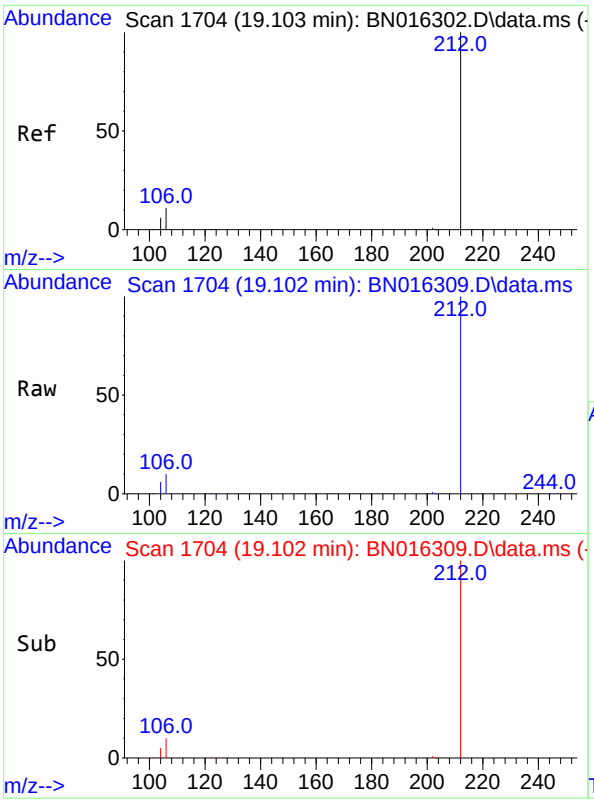


#26
Anthracene
Concen: 0.343 ng
RT: 17.188 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:178 Resp: 110885

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.9	20.9
179	15.3	12.2	18.4

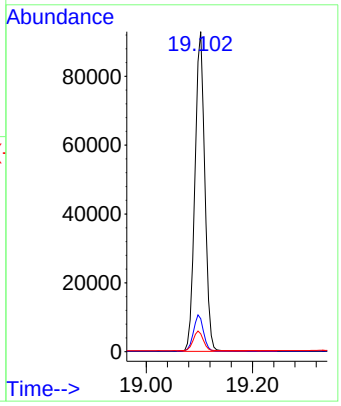




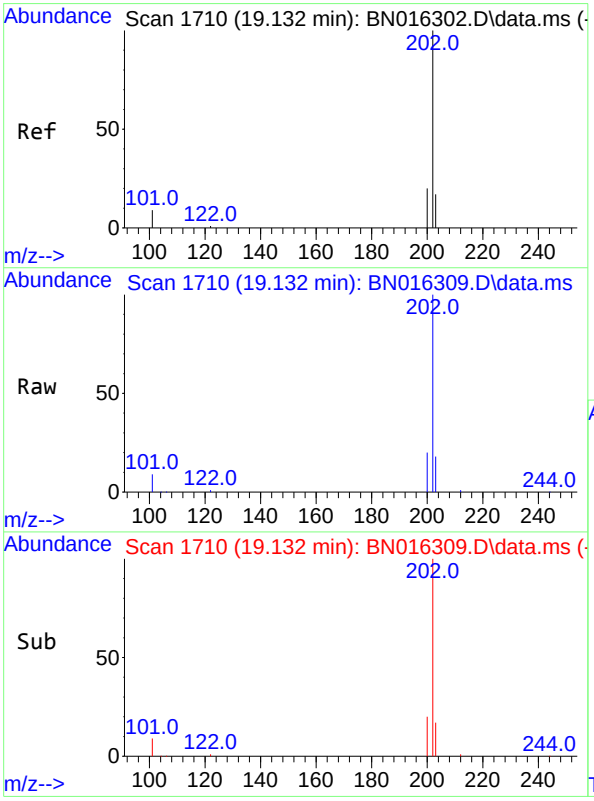
#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.102 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:212 Resp: 119508

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.8	14.6
104	6.3	5.4	8.2



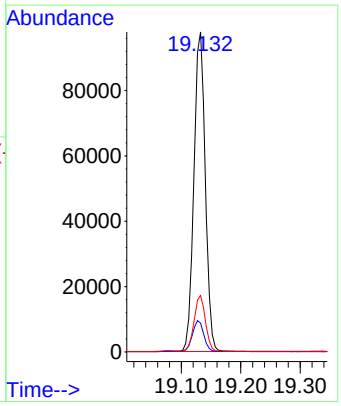
Instrument :
BNA_N
ClientSampleId :
PB139166BS



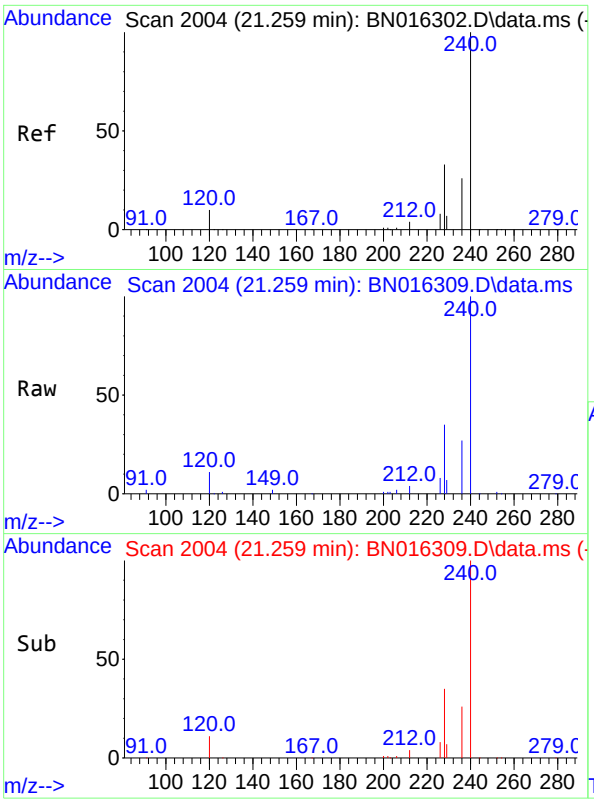
#28
Fluoranthene
Concen: 0.338 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:202 Resp: 129902

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.5	12.7
203	17.3	13.8	20.8



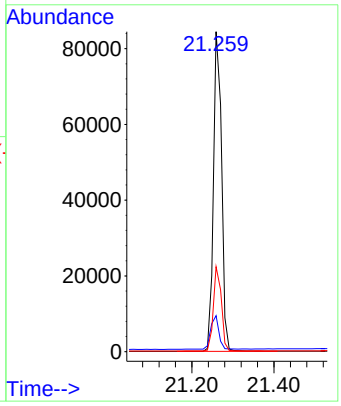
Instrument :
BNA_N
ClientSampleId :
PB139166BS

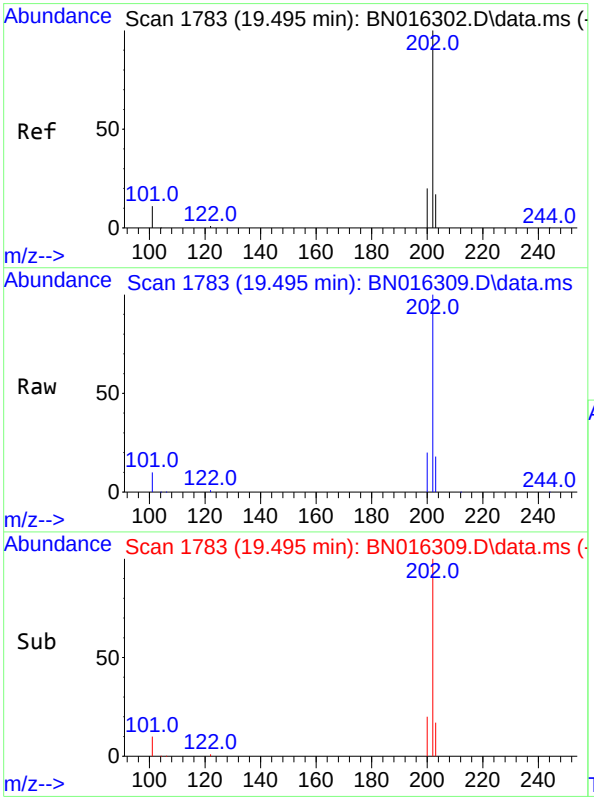


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:240 Resp: 115279

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.3	7.9#
236	26.6	19.8	29.8

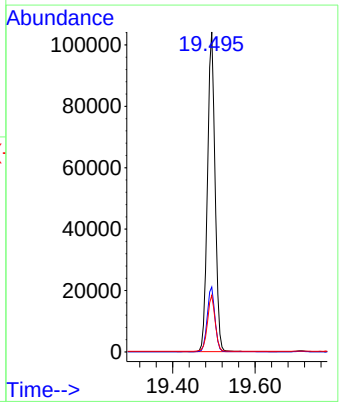




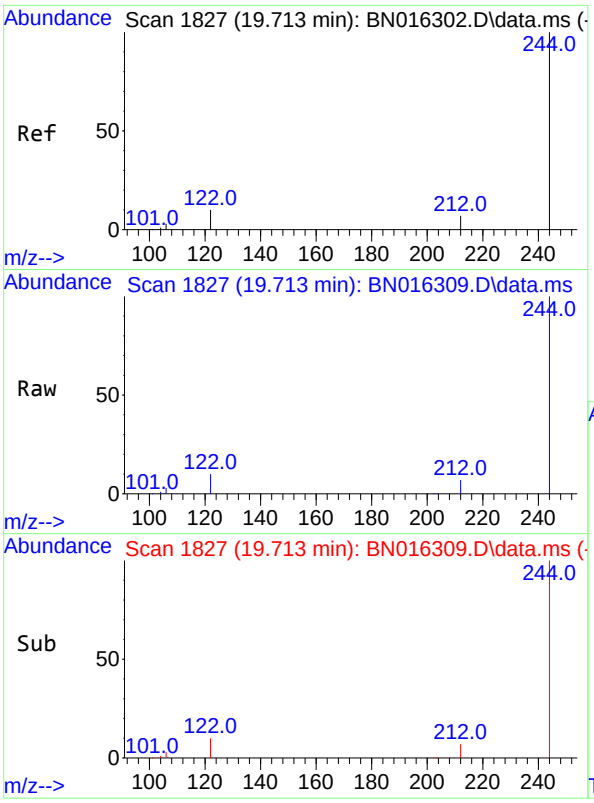
#30
Pyrene
Concen: 0.364 ng
RT: 19.495 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:202 Resp: 132545

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.8	23.6
203	17.8	13.9	20.9



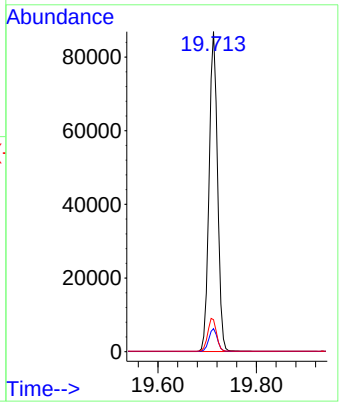
Instrument :
BNA_N
ClientSampleId :
PB139166BS

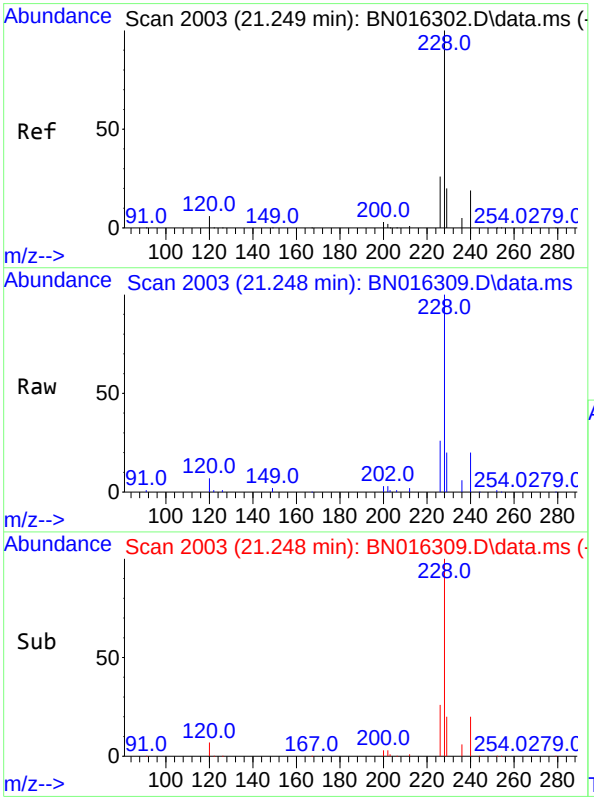


#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.713 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:244 Resp: 103021

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.0	9.0	13.4

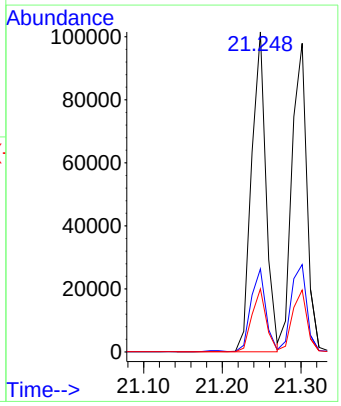




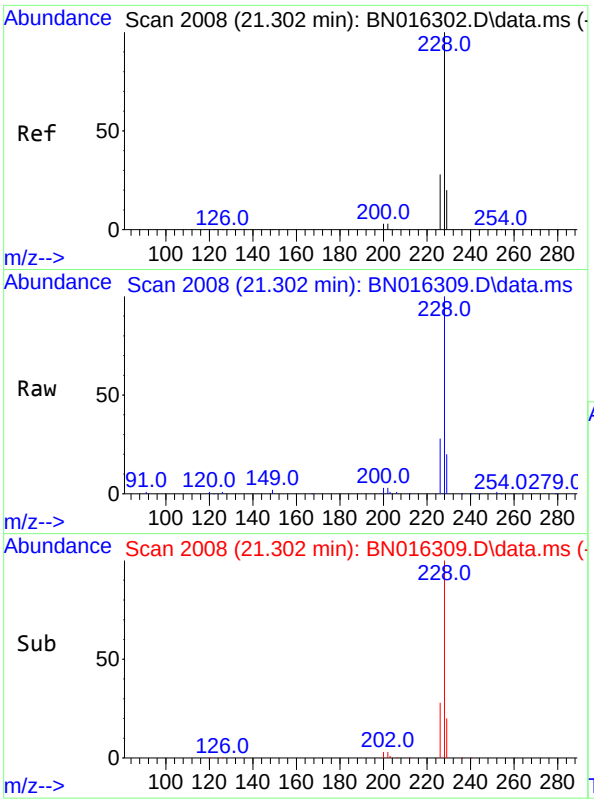
#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:228 Resp: 129666

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.8	31.2
229	19.7	15.8	23.6



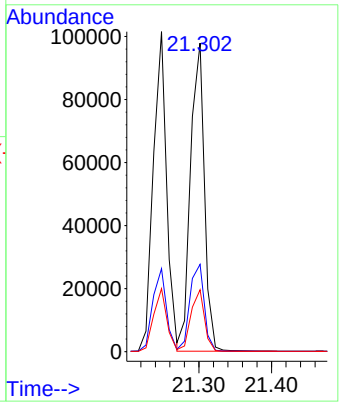
Instrument :
BNA_N
ClientSampleId :
PB139166BS

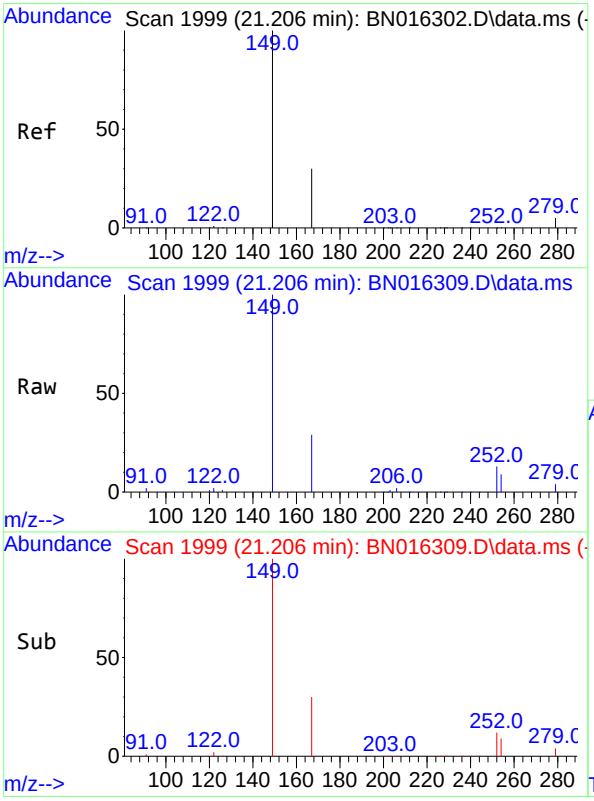


#33
Chrysene
Concen: 0.362 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:228 Resp: 129878

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	20.0	15.6	23.4

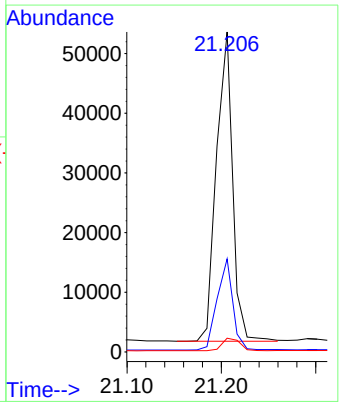




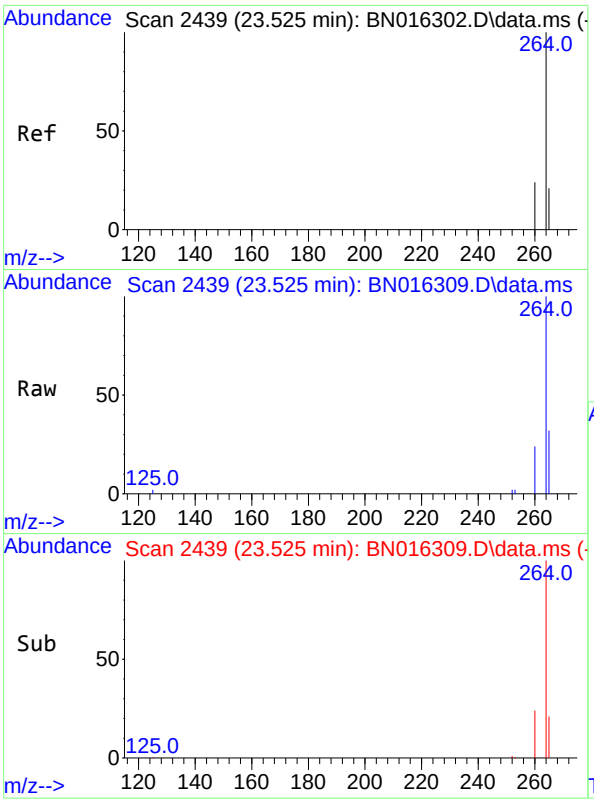
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.309 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:149 Resp: 61662

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	4.5	3.9	5.9



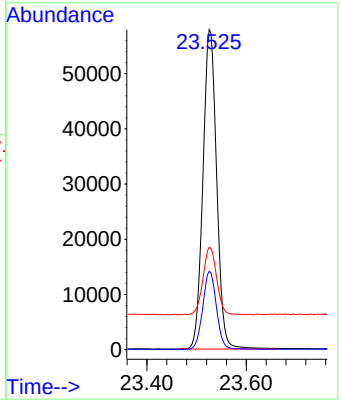
Instrument :
BNA_N
ClientSampleId :
PB139166BS

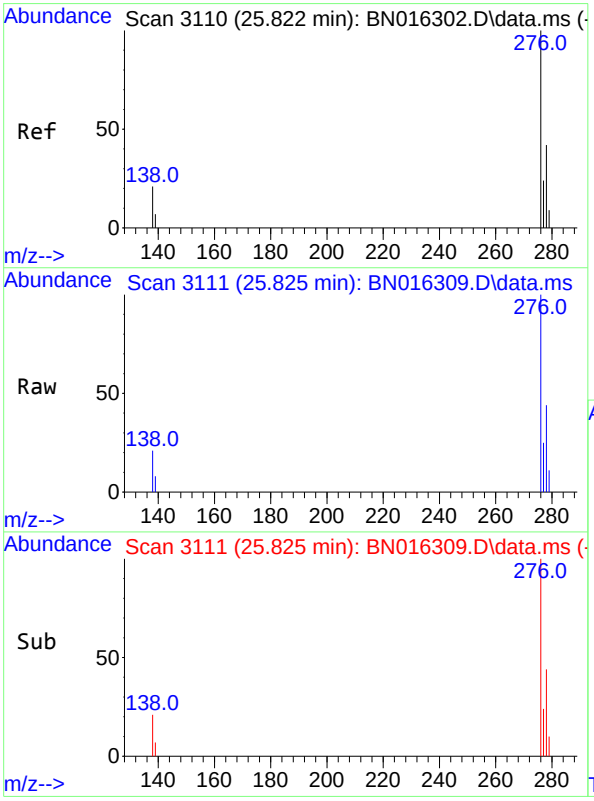


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:264 Resp: 111211

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	32.0	23.7	35.5

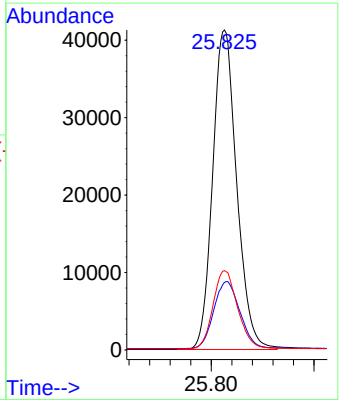




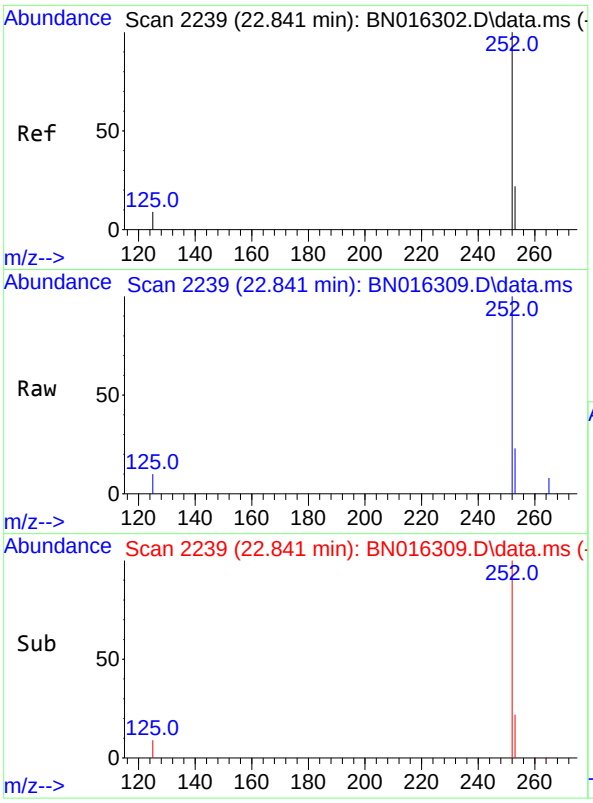
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 25.825 min Scan# 3111
Delta R.T. 0.003 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:276 Resp: 133805

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.3	28.9
277	25.1	20.2	30.2



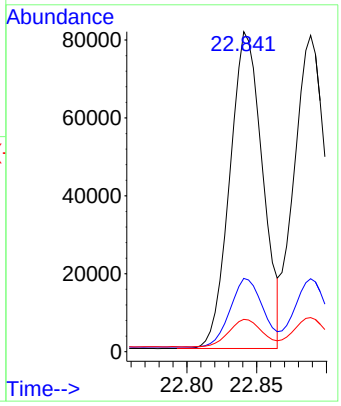
Instrument :
BNA_N
ClientSampleId :
PB139166BS

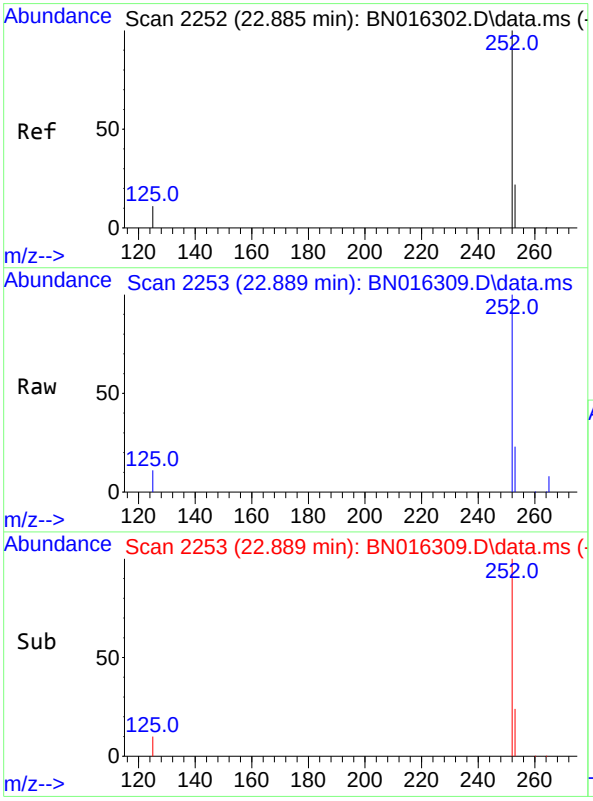


#37
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 22.841 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:252 Resp: 132764

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.1	8.4	12.6

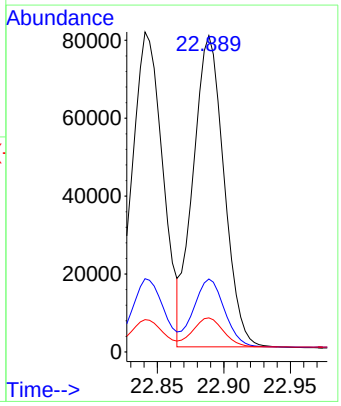




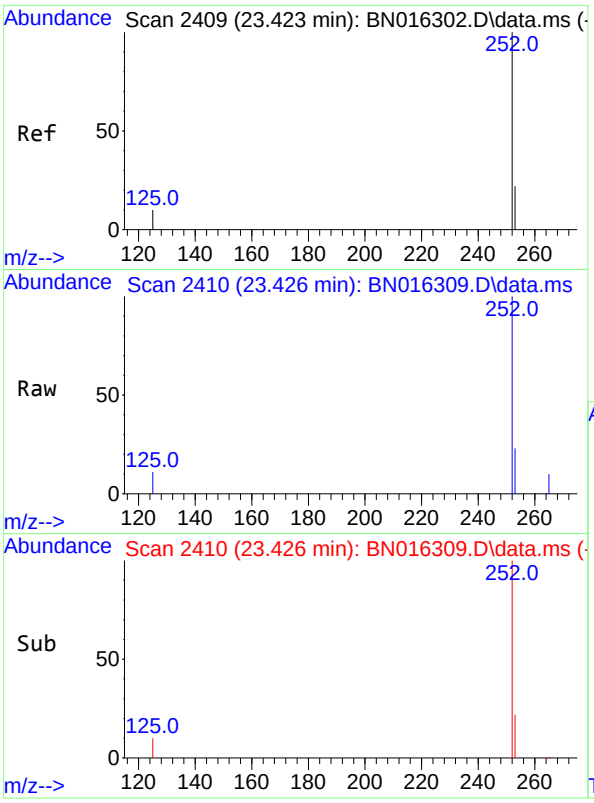
#38
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 22.889 min Scan# 2253
Delta R.T. 0.003 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:252 Resp: 128726

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.8	8.2	12.4



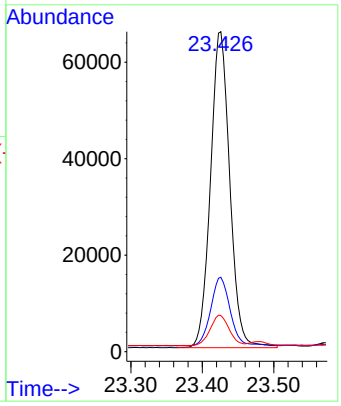
Instrument :
BNA_N
ClientSampleId :
PB139166BS

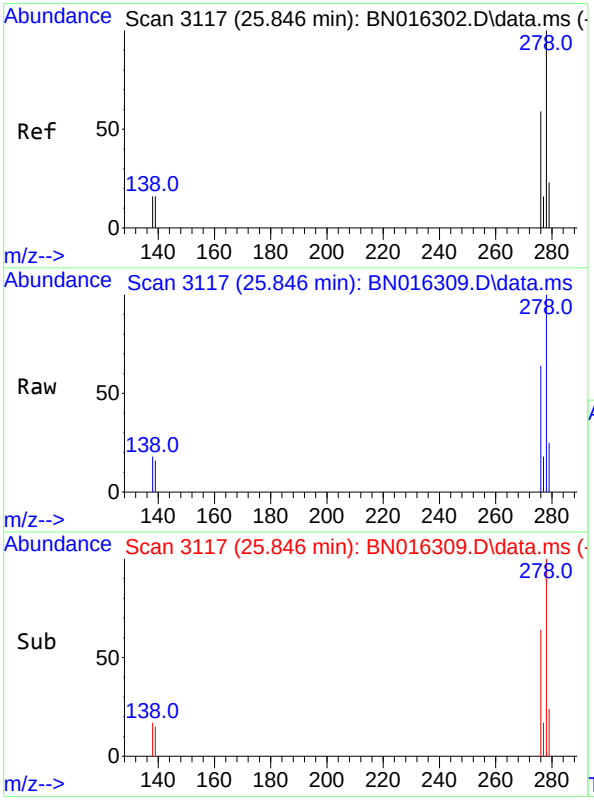


#39
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.426 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:252 Resp: 122876

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	11.3	9.9	14.9

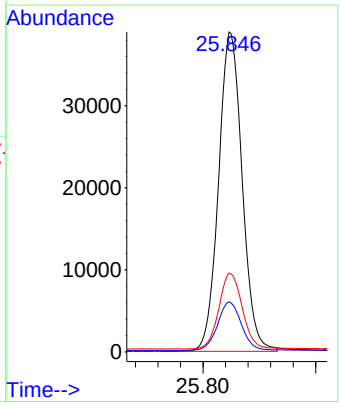


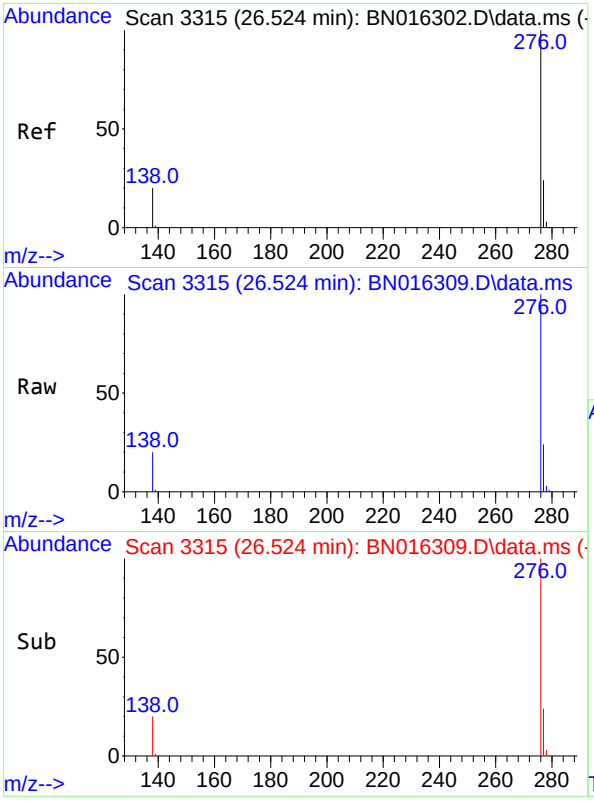


#40
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 25.846 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:278 Resp: 112796

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.2	21.2
279	24.6	21.3	31.9

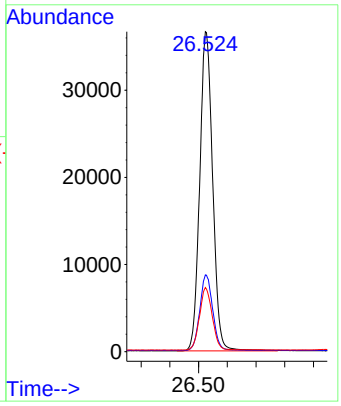




#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.524 min Scan# 3315
Delta R.T. -0.000 min
Lab File: BN016309.D
Acq: 17 Sep 2021 22:53

Tgt Ion:276 Resp: 114460

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	20.0	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139166BS