Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014493.D
Acq On : 29 Apr 2021 17:08
Operator : CG/JU
Sample : PB136047BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136047BS

Quant Time: Apr 29 17:40:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:11:14 2021
Response via : Initial Calibration

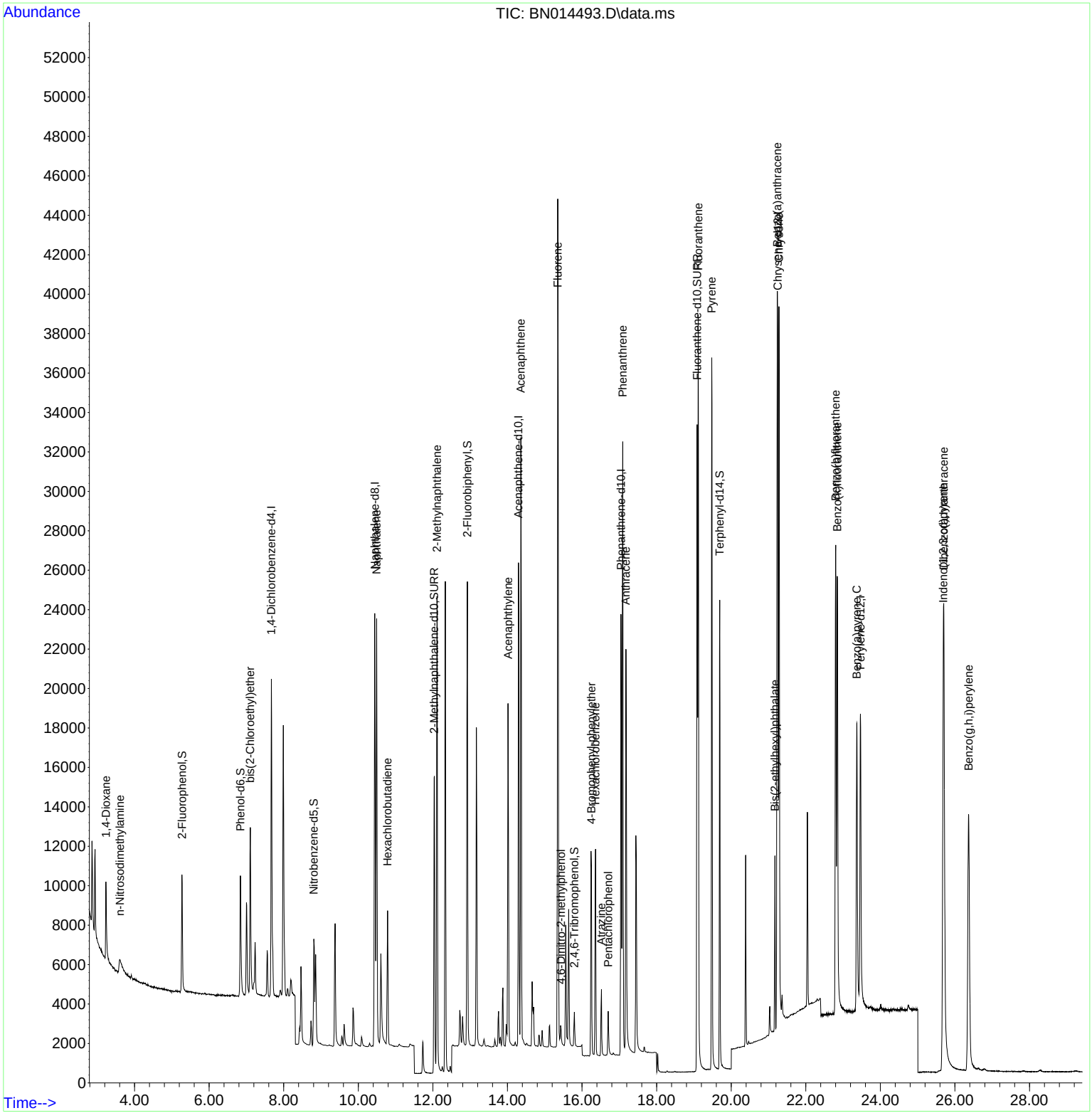
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	8019	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	29388	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	15646	0.40	ng		0.00
19) Phenanthrene-d10	17.043	188	32260	0.40	ng		0.00
29) Chrysene-d12	21.247	240	27500	0.40	ng		0.00
35) Perylene-d12	23.466	264	22185	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	5380	0.38	ng		0.00
5) Phenol-d6	6.839	99	6295	0.36	ng		0.00
8) Nitrobenzene-d5	8.807	82	5409	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.035	152	22004	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	1422	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	22346	0.36	ng		0.00
27) Fluoranthene-d10	19.086	212	39932	0.35	ng		0.00
31) Terphenyl-d14	19.692	244	24878	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	3249	0.36	ng		96
3) n-Nitrosodimethylamine	3.609	42	1167	0.39	ng		93
6) bis(2-Chloroethyl)ether	7.104	93	7311	0.38	ng		98
9) Naphthalene	10.492	128	28405	0.37	ng		99
10) Hexachlorobutadiene	10.784	225	5458	0.37	ng	#	99
12) 2-Methylnaphthalene	12.111	142	18493	0.37	ng		99
16) Acenaphthylene	14.016	152	19882	0.34	ng		100
17) Acenaphthene	14.359	154	16033	0.36	ng		99
18) Fluorene	15.349	166	19570	0.36	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	896	0.45	ng	#	73
21) 4-Bromophenyl-phenylether	16.252	248	6091	0.35	ng		97
22) Hexachlorobenzene	16.361	284	8345	0.35	ng		100
23) Atrazine	16.519	200	3018	0.37	ng		97
24) Pentachlorophenol	16.702	266	1147	0.49	ng		96
25) Phenanthrene	17.091	178	33398	0.36	ng		100
26) Anthracene	17.177	178	24205	0.34	ng		100
28) Fluoranthene	19.116	202	35118	0.35	ng		100
30) Pyrene	19.479	202	34008	0.37	ng		100
32) Benzo(a)anthracene	21.237	228	25326	0.34	ng		98
33) Chrysene	21.279	228	34293	0.37	ng		99
34) Bis(2-ethylhexyl)phtha...	21.173	149	7525	0.38	ng		99
36) Indeno(1,2,3-cd)pyrene	25.687	276	30373	0.34	ng		100
37) Benzo(b)fluoranthene	22.802	252	30274	0.36	ng		100
38) Benzo(k)fluoranthene	22.843	252	32590	0.35	ng		99
39) Benzo(a)pyrene	23.370	252	25057	0.34	ng		100
40) Dibenzo(a,h)anthracene	25.701	278	25591	0.34	ng		98
41) Benzo(g,h,i)perylene	26.369	276	29593	0.35	ng		100

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

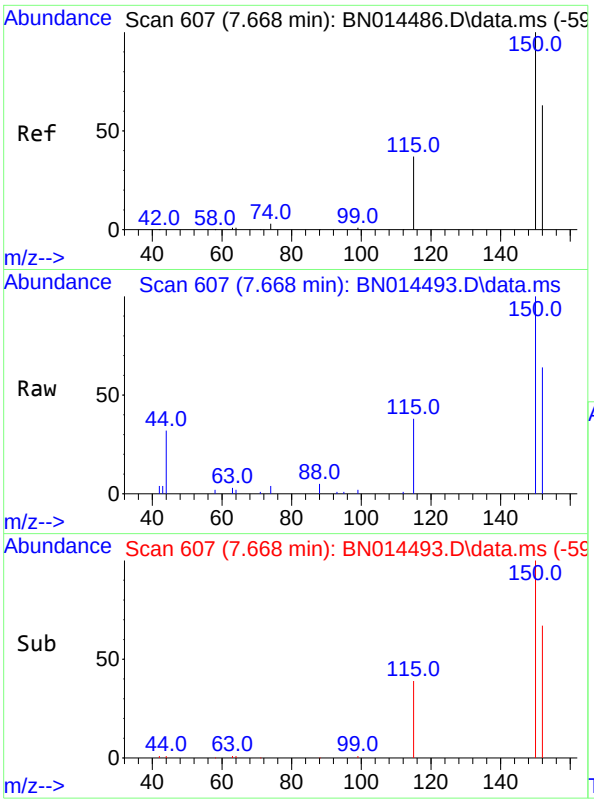
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
Data File : BN014493.D
Acq On : 29 Apr 2021 17:08
Operator : CG/JU
Sample : PB136047BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136047BS

Quant Time: Apr 29 17:40:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:11:14 2021
Response via : Initial Calibration



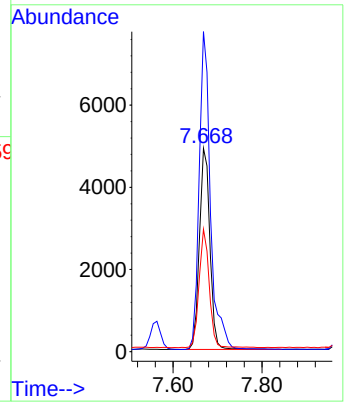
Instrument :
BNA_N
ClientSampleId :
PB136047BS

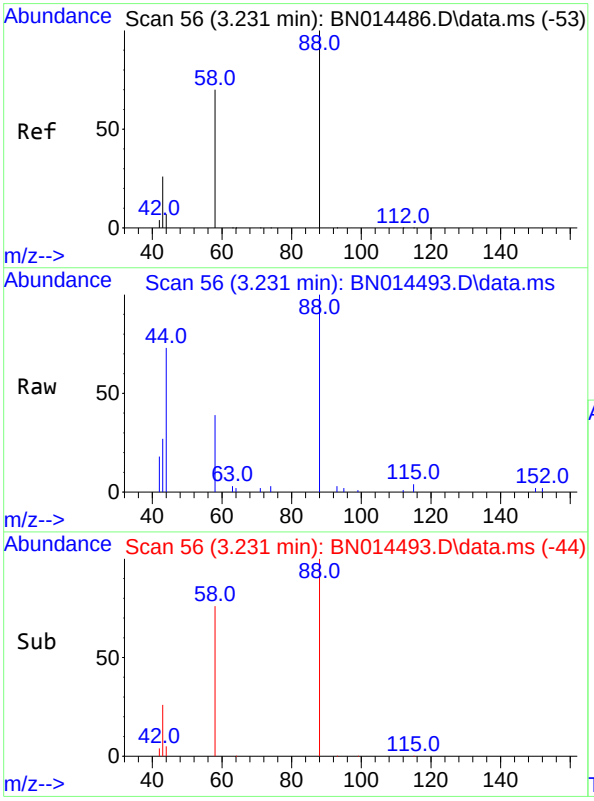


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.668 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:152 Resp: 8019

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	60.2	47.7	71.5

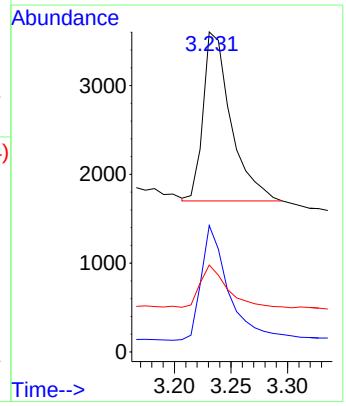




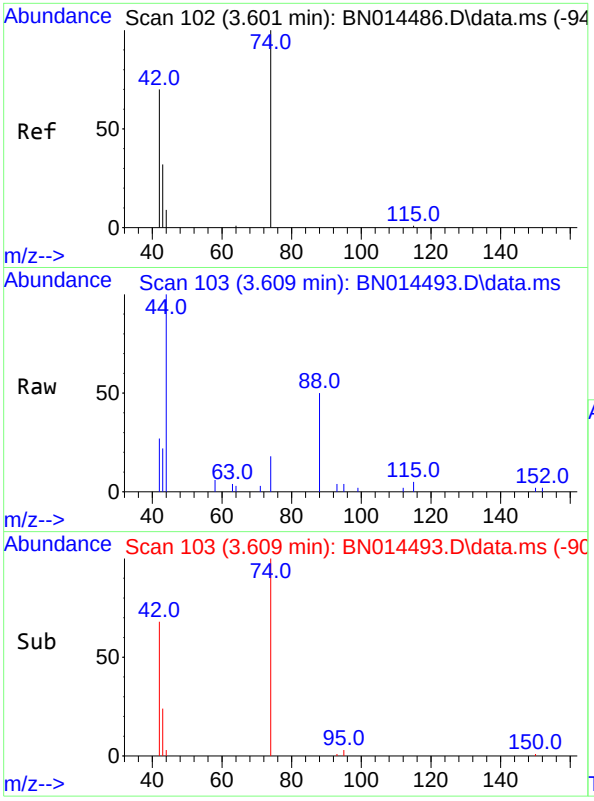
#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.231 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion: 88 Resp: 3249

Ion	Ratio	Lower	Upper
88	100		
58	66.9	55.4	83.0
43	23.1	21.6	32.4



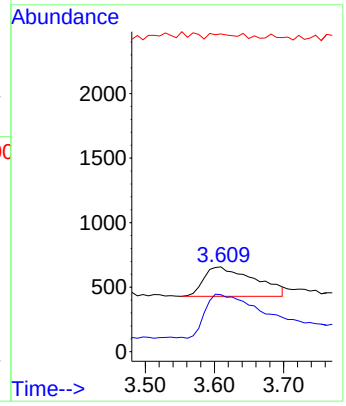
Instrument :
BNA_N
ClientSampleId :
PB136047BS

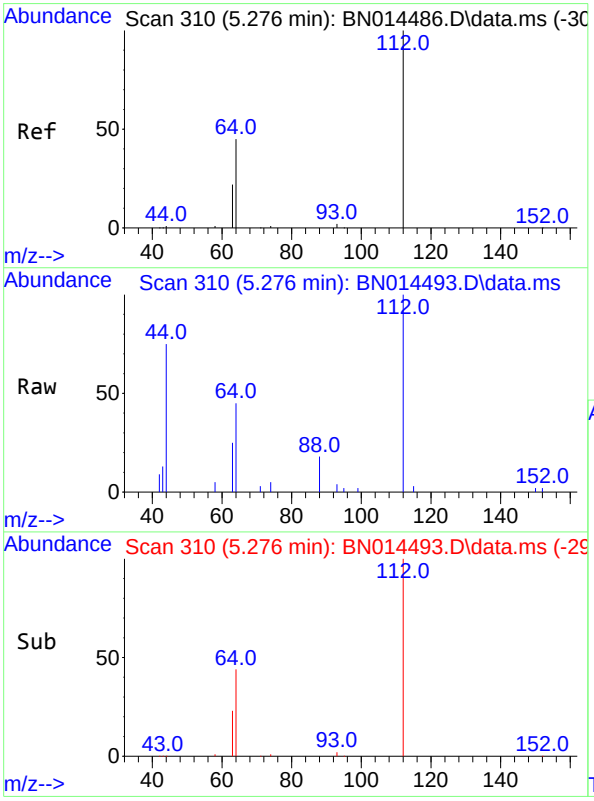


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.609 min Scan# 103
Delta R.T. 0.008 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion: 42 Resp: 1167

Ion	Ratio	Lower	Upper
42	100		
74	160.0	120.3	180.5
44	8.1	6.7	10.1

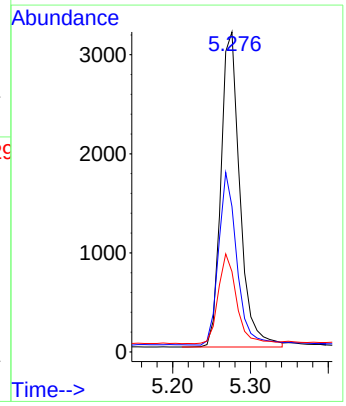




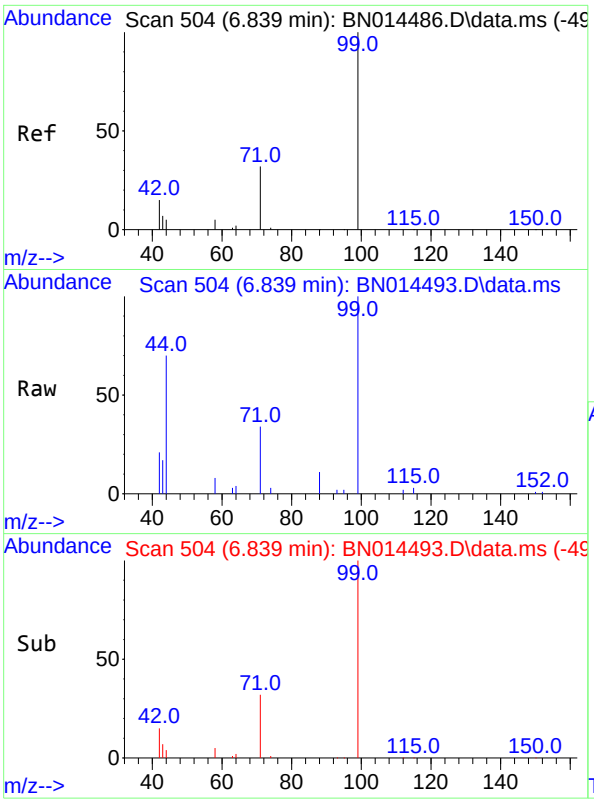
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.276 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:112 Resp: 5380

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.4	63.6
63	27.4	22.2	33.4



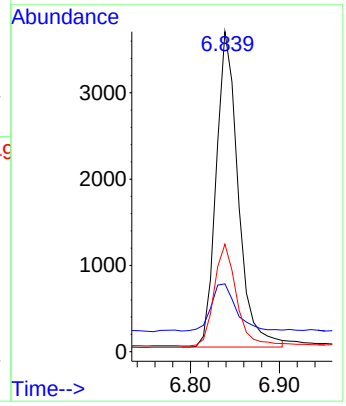
Instrument :
BNA_N
ClientSampleId :
PB136047BS

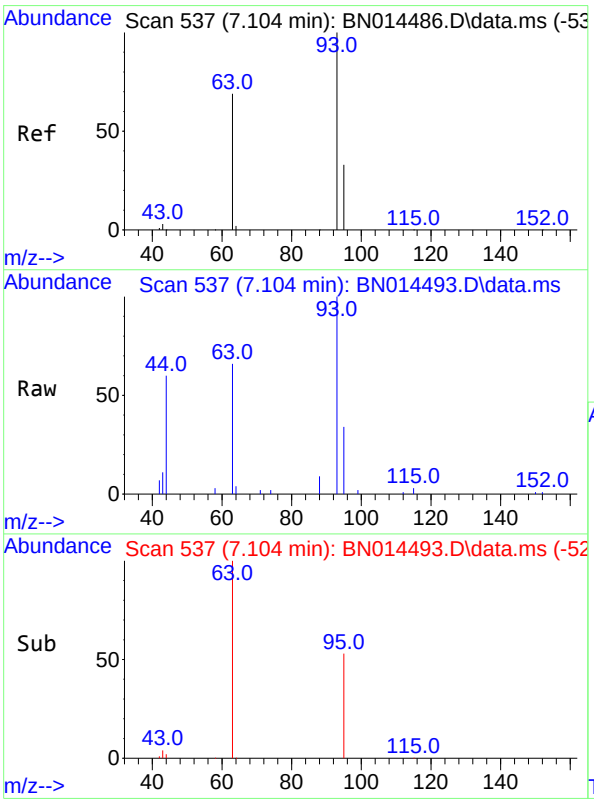


#5
Phenol-d6
Concen: 0.36 ng
RT: 6.839 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion: 99 Resp: 6295

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	32.5	26.0	39.0

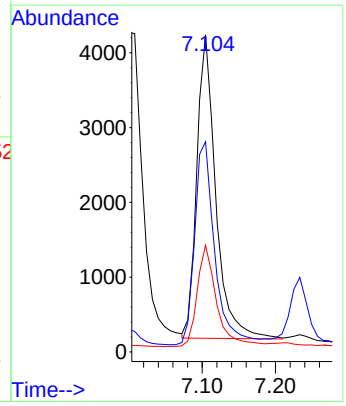




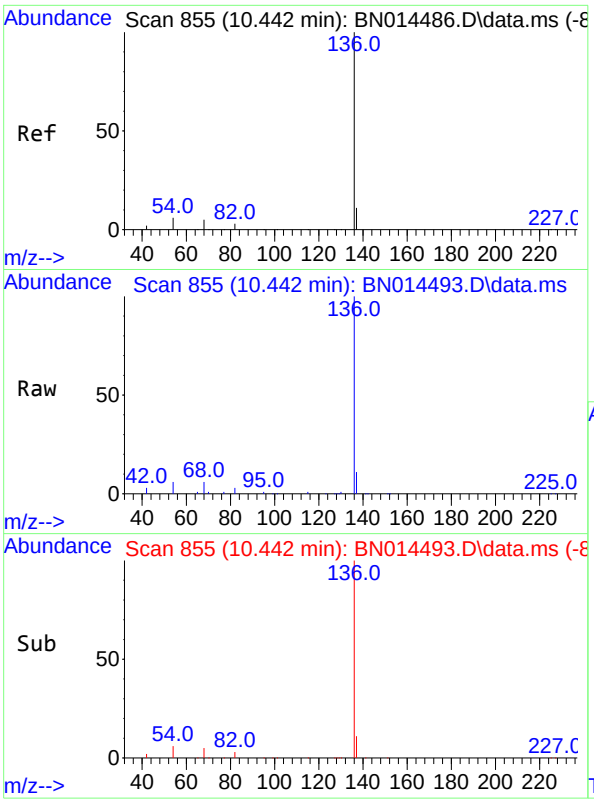
#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.104 min Scan# 537
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion: 93 Resp: 7311

Ion	Ratio	Lower	Upper
93	100		
63	70.8	58.3	87.5
95	33.9	27.0	40.6



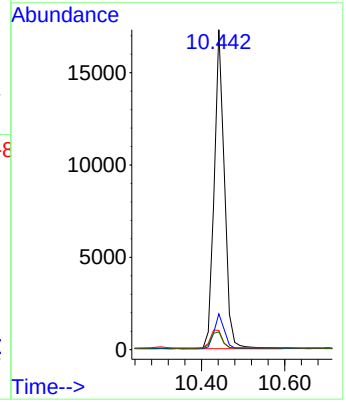
Instrument :
BNA_N
ClientSampleId :
PB136047BS

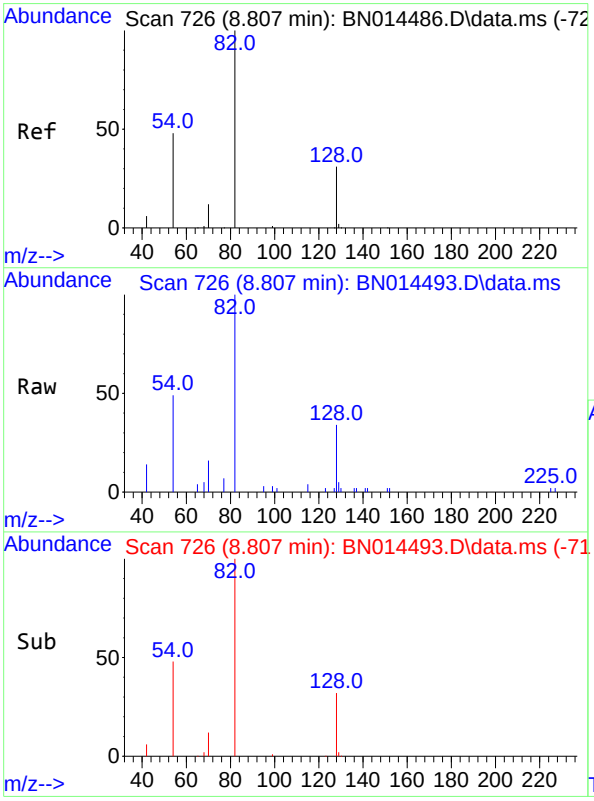


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.442 min Scan# 855
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:136 Resp: 29388

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.0	4.8	7.2
68	5.5	4.6	6.8

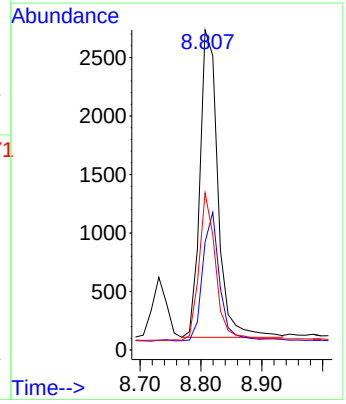




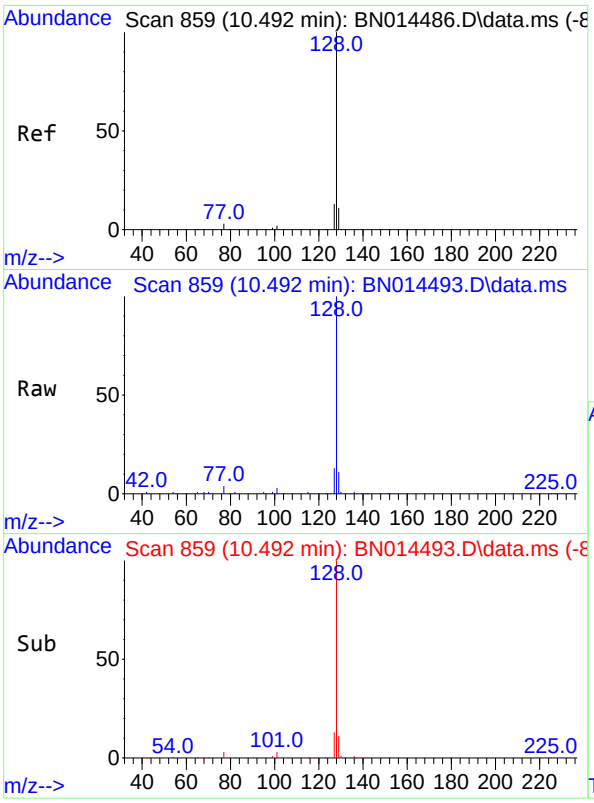
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.807 min Scan# 726
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion: 82 Resp: 5409

Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.0	39.0
54	49.1	39.5	59.3



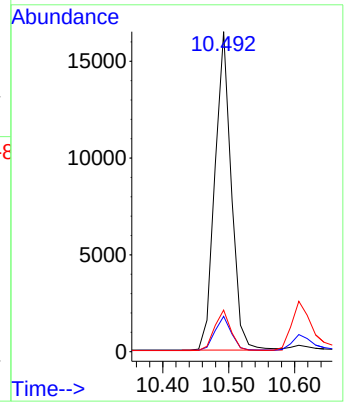
Instrument :
BNA_N
ClientSampleId :
PB136047BS

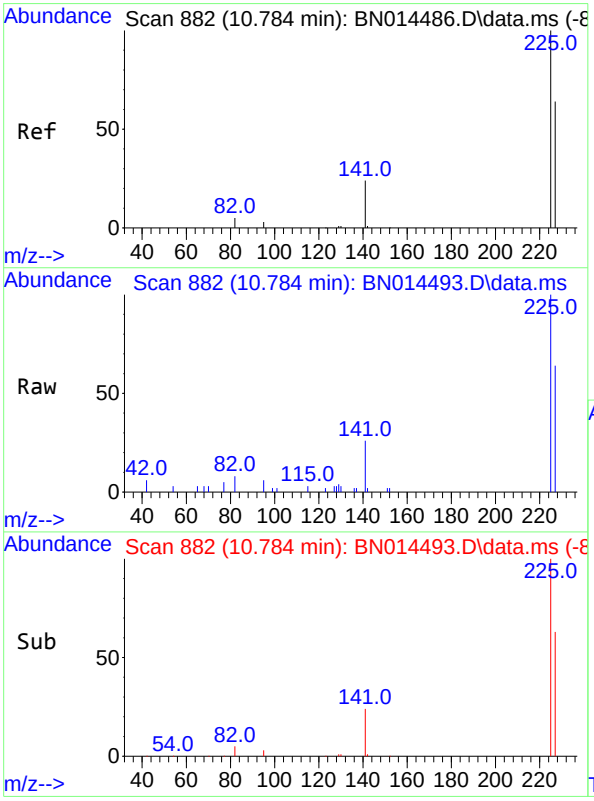


#9
Naphthalene
Concen: 0.37 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:128 Resp: 28405

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.2	15.4

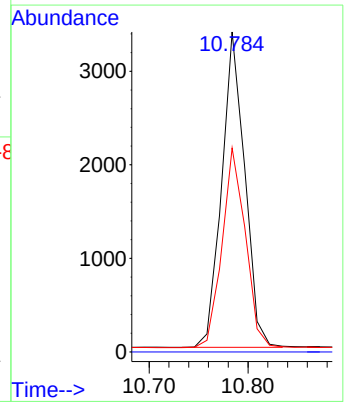


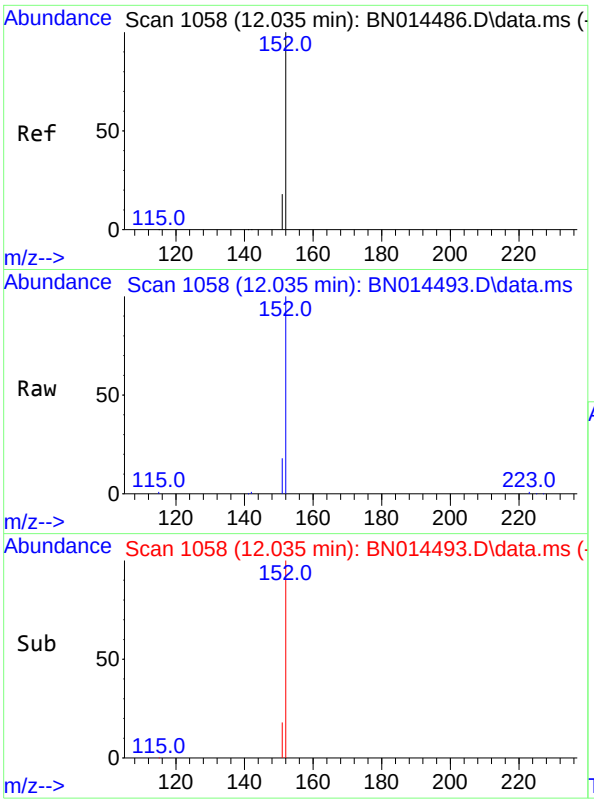


#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.784 min Scan# 882
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:225 Resp: 5458

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.8	77.6

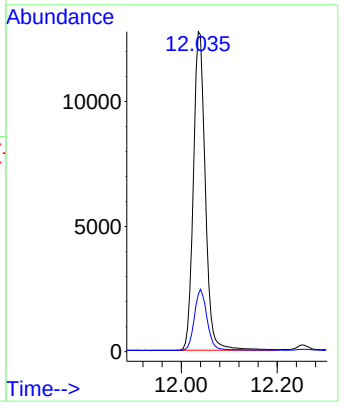




#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.035 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:152 Resp: 22004

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5



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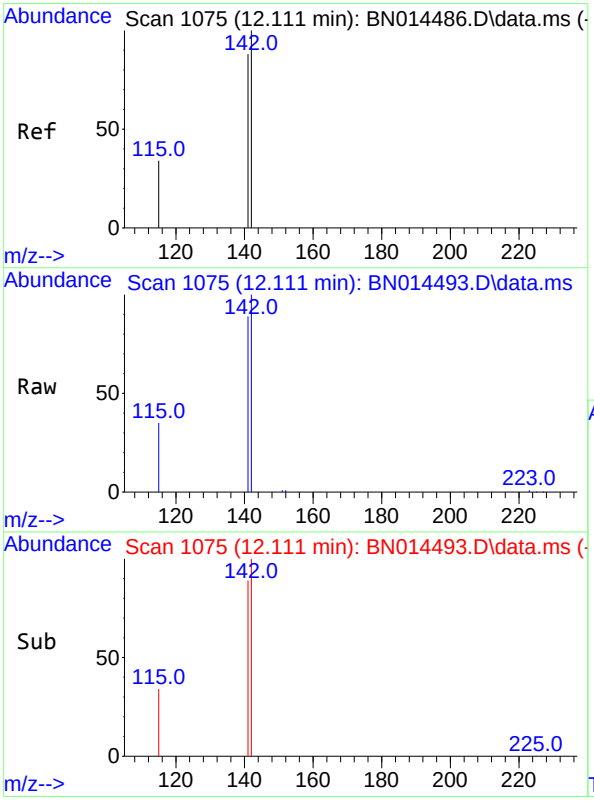
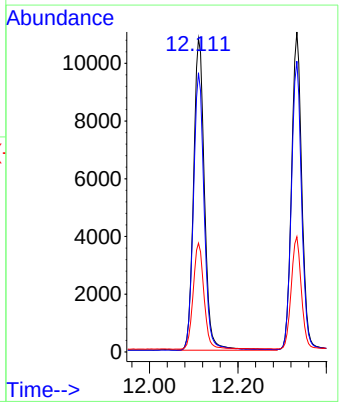


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.111 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:142 Resp: 18493

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7
115	34.7	27.5	41.3



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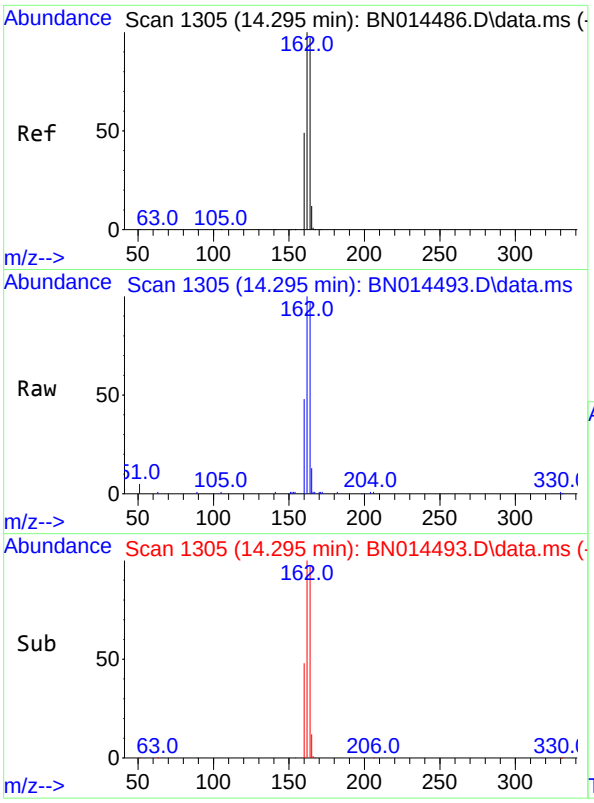
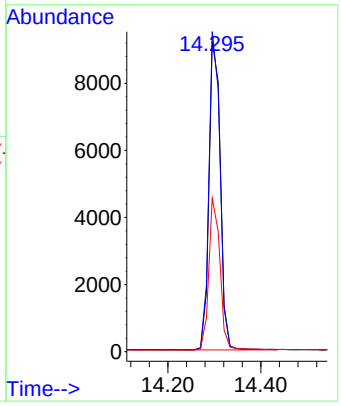
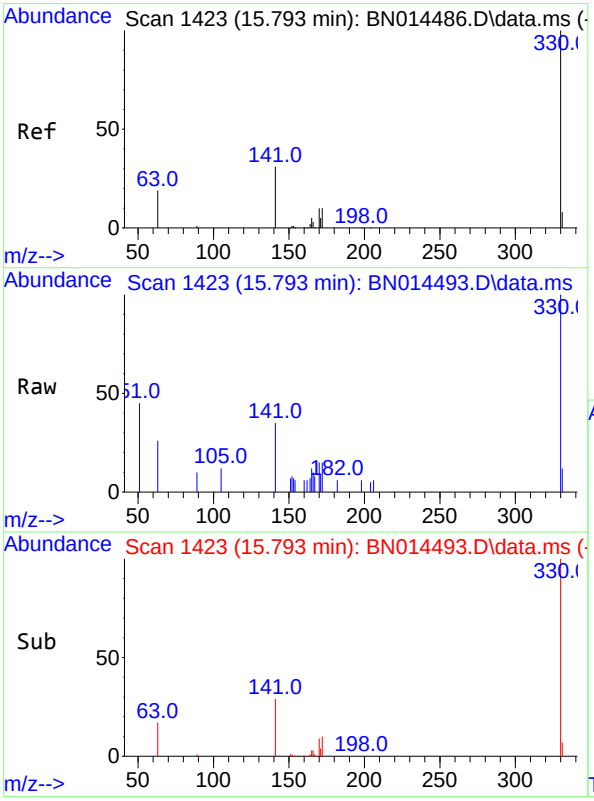


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.295 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:164 Resp: 15646

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	49.5	40.5	60.7

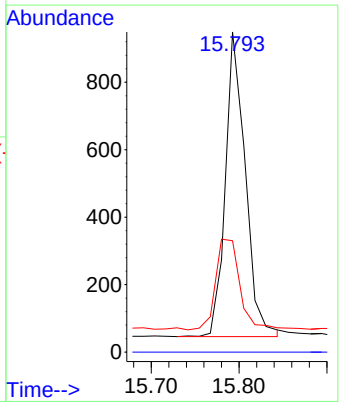




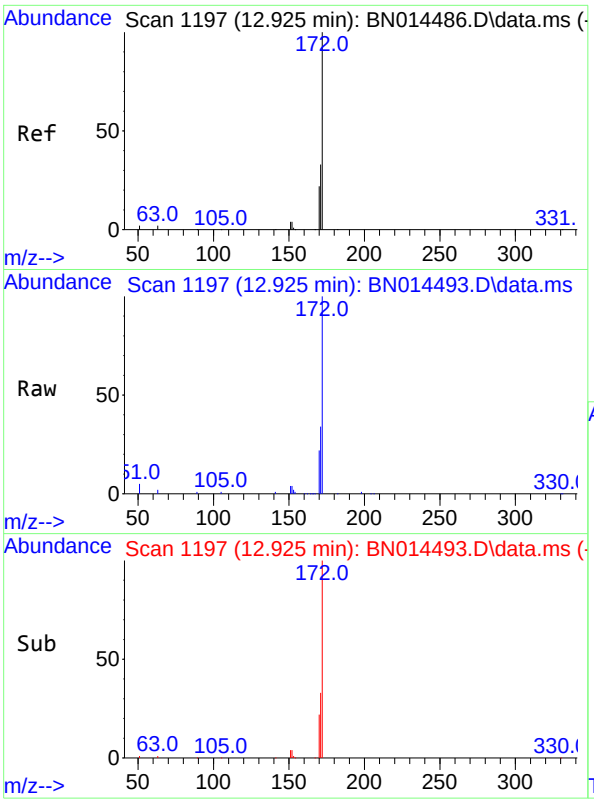
#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.793 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:330 Resp: 1422

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	28.5	42.7



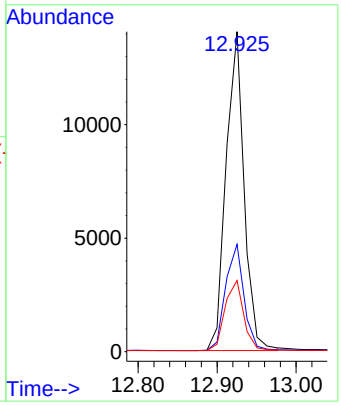
Instrument :
BNA_N
ClientSampleId :
PB136047BS

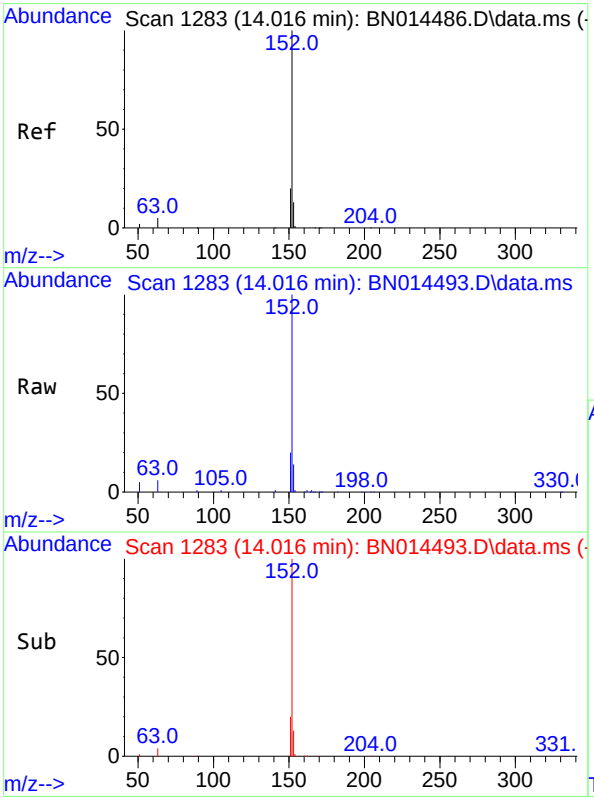


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.925 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:172 Resp: 22346

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	40.0
170	22.3	18.2	27.2

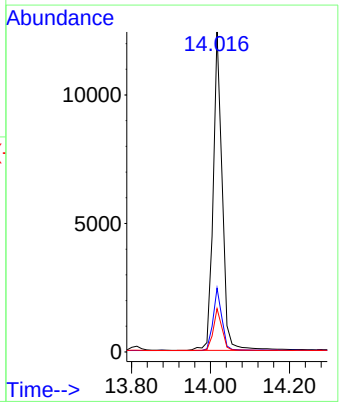




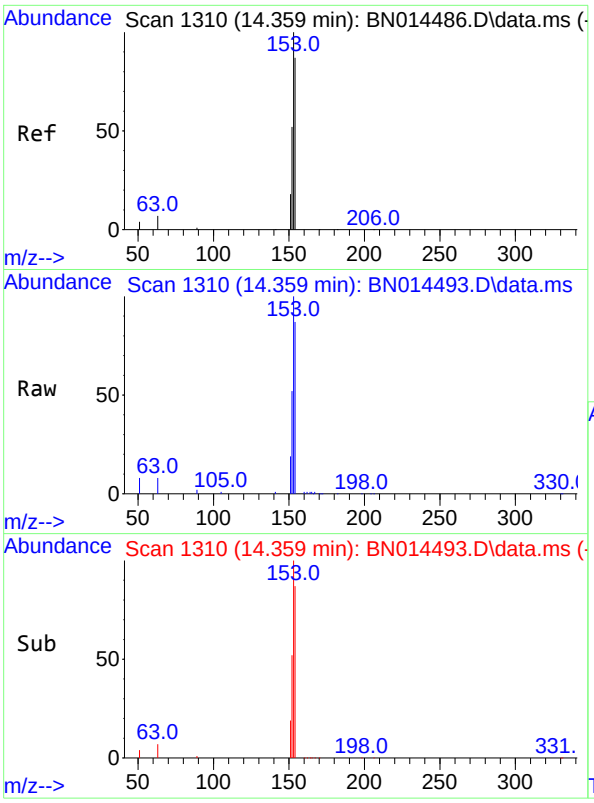
#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:152 Resp: 19882

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.7	16.1



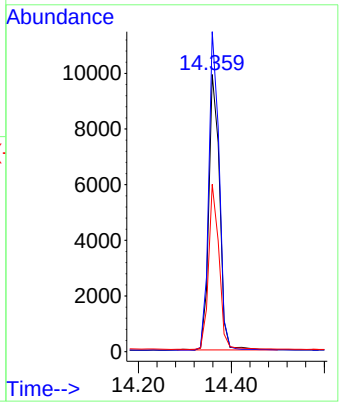
Instrument :
BNA_N
ClientSampleId :
PB136047BS

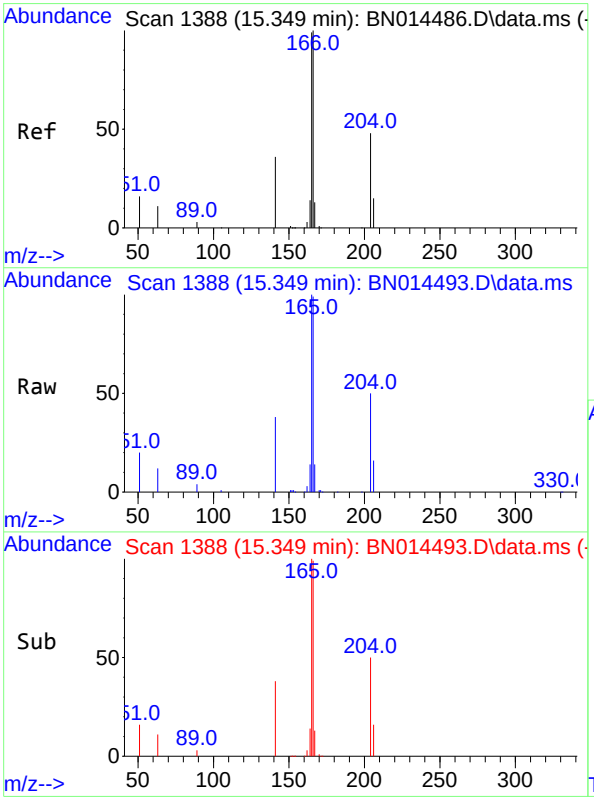


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:154 Resp: 16033

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.3	135.5
152	58.1	47.3	70.9

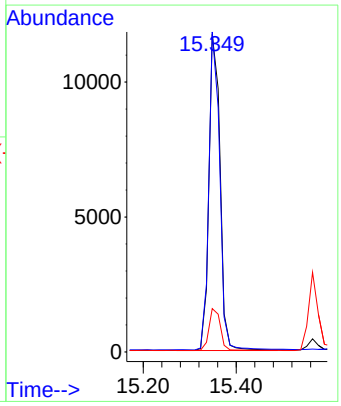




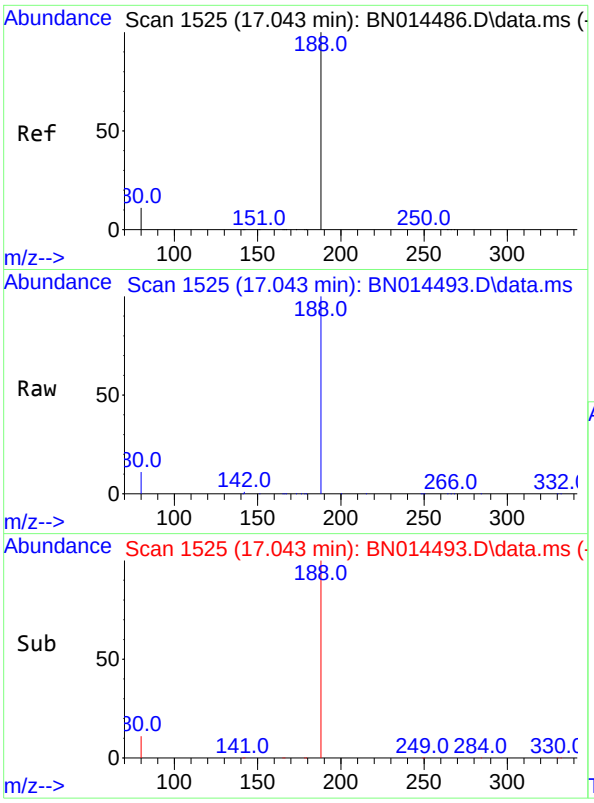
#18
Fluorene
Concen: 0.36 ng
RT: 15.349 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:166 Resp: 19570

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.2
167	13.5	10.9	16.3



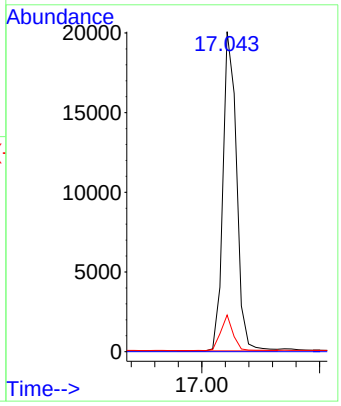
Instrument :
BNA_N
ClientSampleId :
PB136047BS

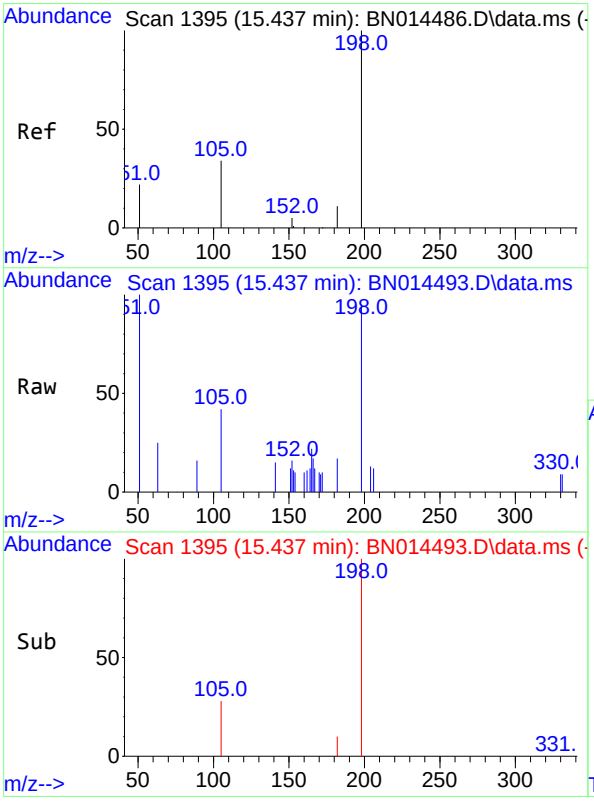


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.043 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:188 Resp: 32260

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.8	13.2

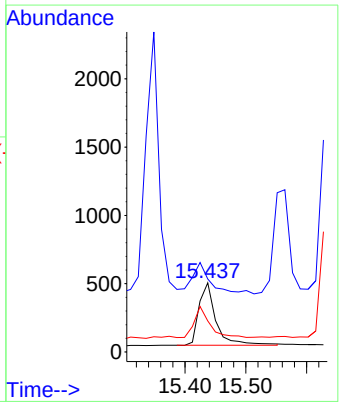


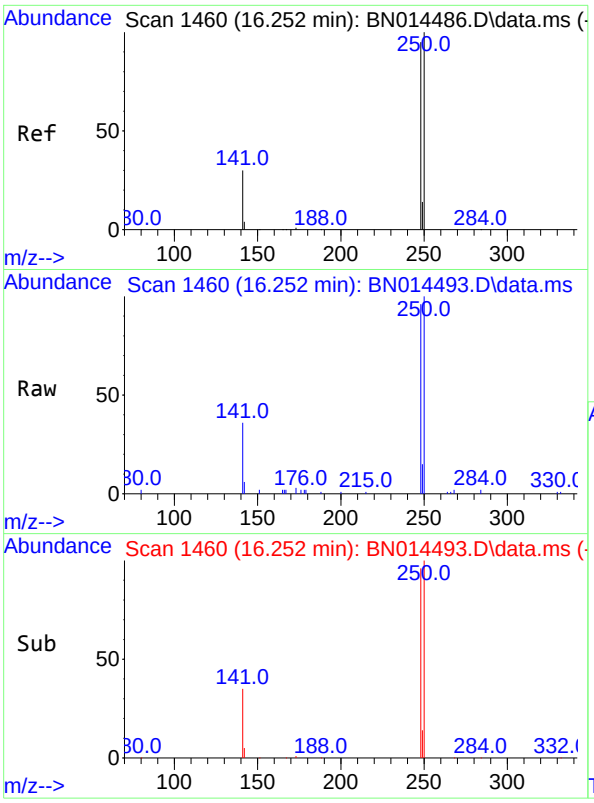


#20
4,6-Dinitro-2-methylphenol
Concen: 0.45 ng
RT: 15.437 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:198 Resp: 896

Ion	Ratio	Lower	Upper
198	100		
51	105.7	116.0	174.0#
105	44.9	45.3	67.9#

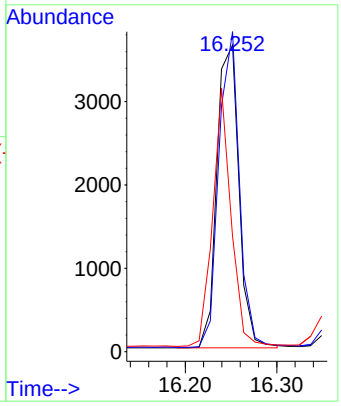




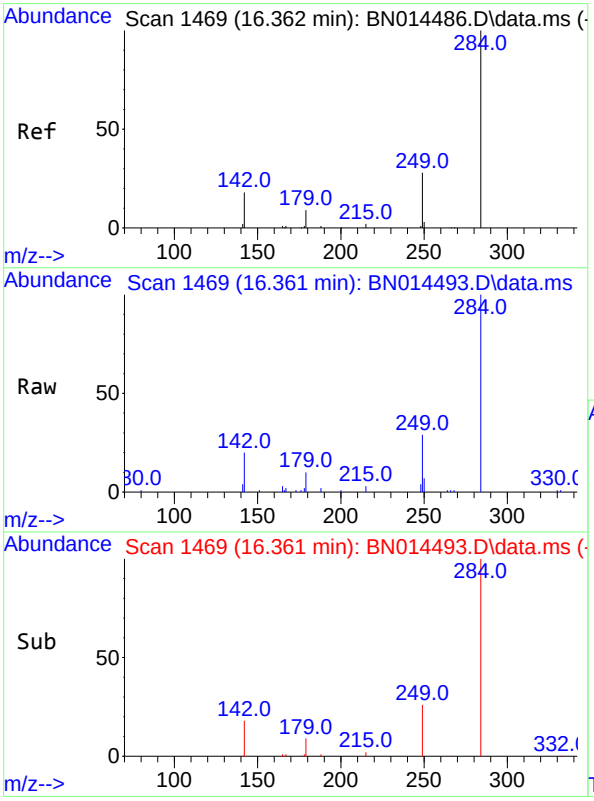
#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.252 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:248 Resp: 6091

Ion	Ratio	Lower	Upper
248	100		
250	104.3	84.6	126.8
141	37.6	26.7	40.1



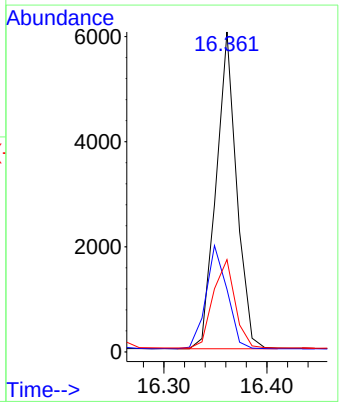
Instrument :
BNA_N
ClientSampleId :
PB136047BS



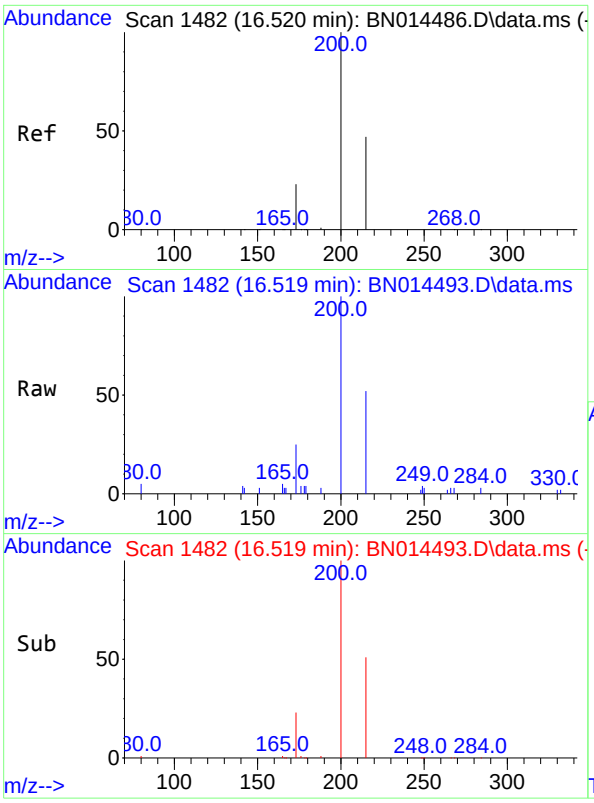
#22
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.361 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:284 Resp: 8345

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	29.9	23.6	35.4



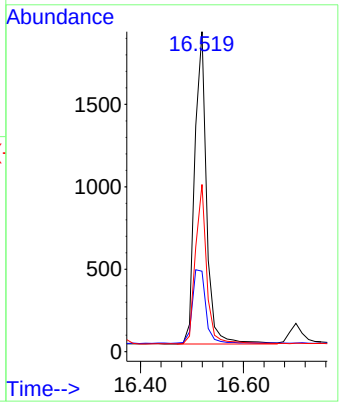
Instrument :
BNA_N
ClientSampleId :
PB136047BS

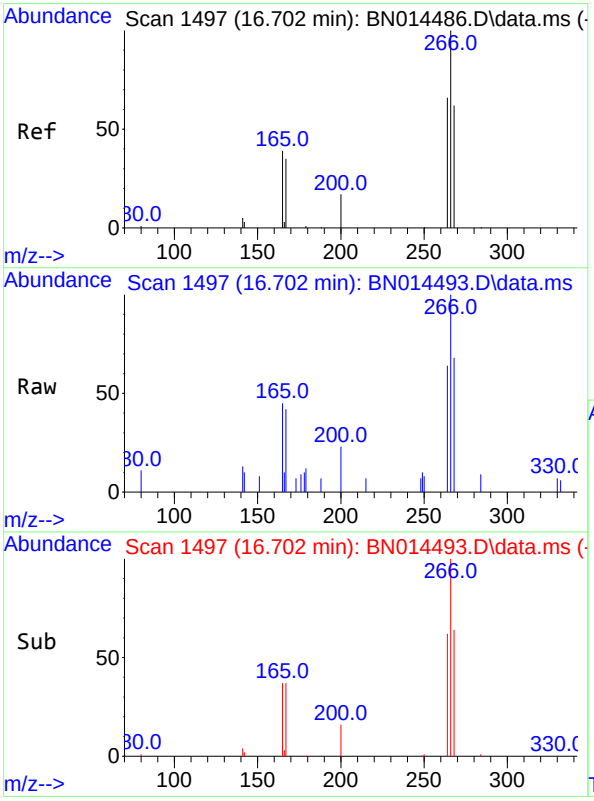


#23
Atrazine
Concen: 0.37 ng
RT: 16.519 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:200 Resp: 3018

Ion	Ratio	Lower	Upper
200	100		
173	25.1	20.0	30.0
215	52.2	39.0	58.6

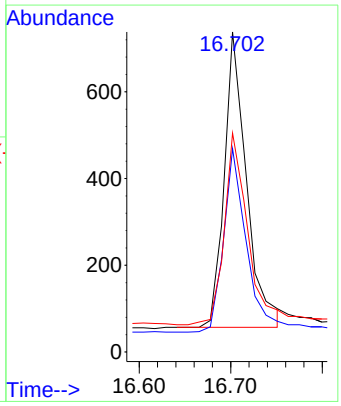




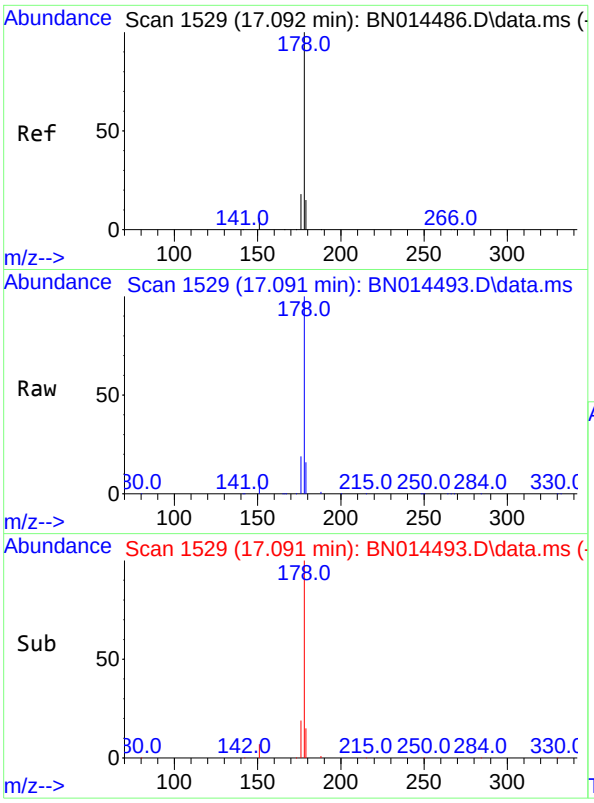
#24
Pentachlorophenol
Concen: 0.49 ng
RT: 16.702 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:266 Resp: 1147

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.9	74.9
268	67.7	49.9	74.9



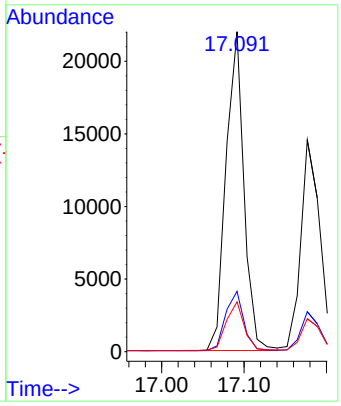
Instrument :
BNA_N
ClientSampleId :
PB136047BS

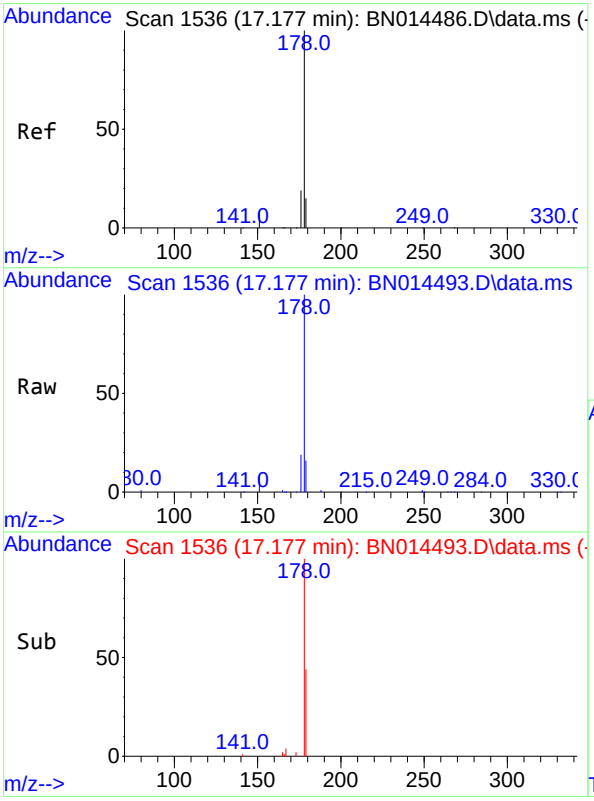


#25
Phenanthrene
Concen: 0.36 ng
RT: 17.091 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:178 Resp: 33398

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.4	12.2	18.4

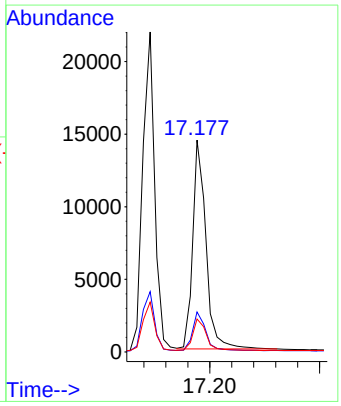




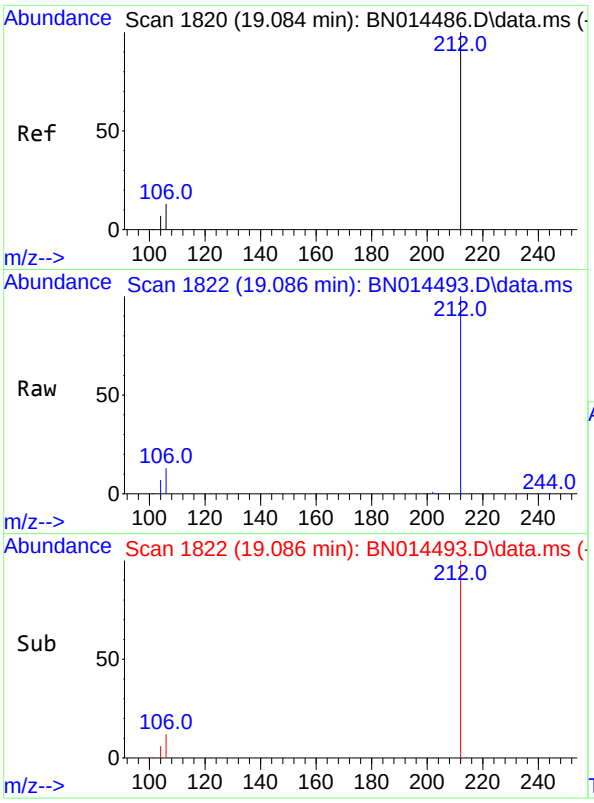
#26
Anthracene
Concen: 0.34 ng
RT: 17.177 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:178 Resp: 24205

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.3	12.2	18.2



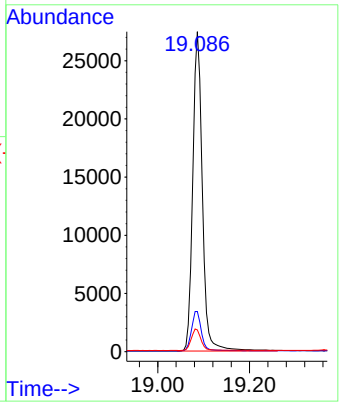
Instrument :
BNA_N
ClientSampleId :
PB136047BS

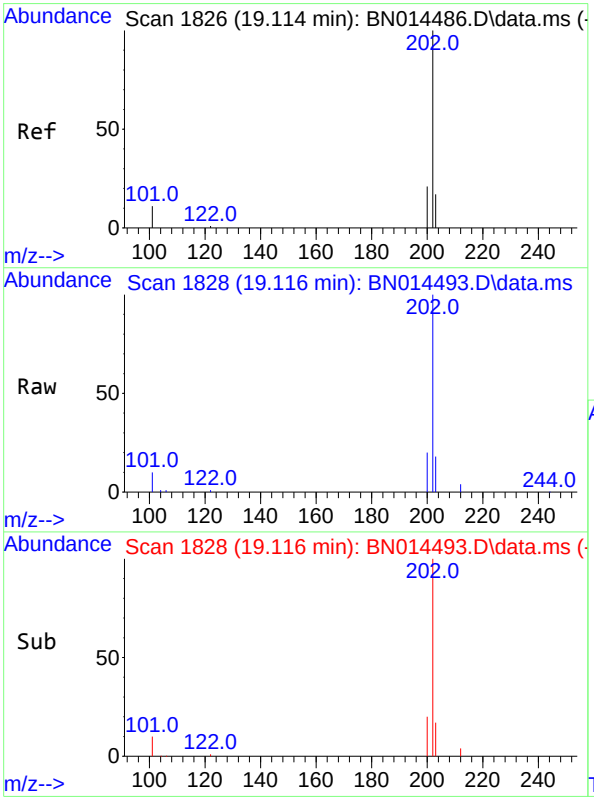


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.086 min Scan# 1822
Delta R.T. 0.002 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:212 Resp: 39932

Ion	Ratio	Lower	Upper
212	100		
106	12.7	10.2	15.4
104	6.9	5.6	8.4

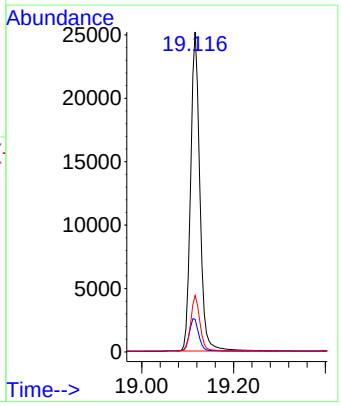




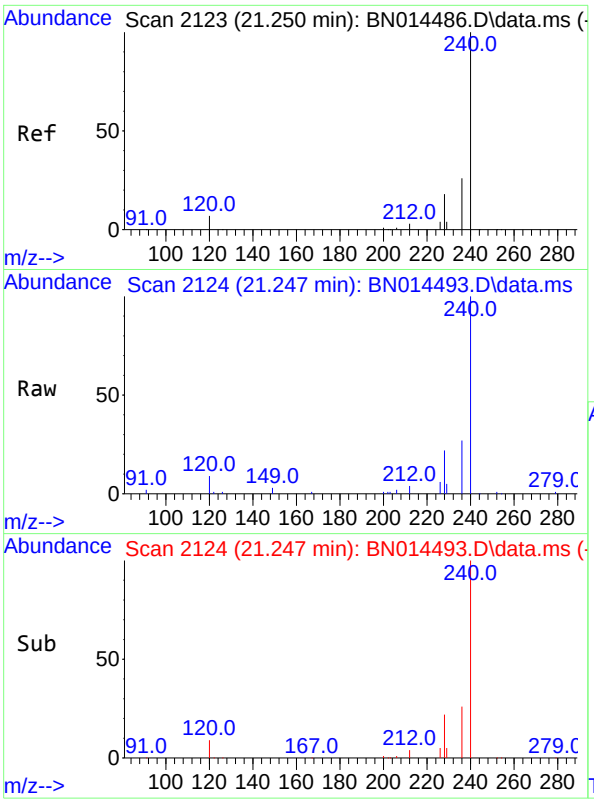
#28
Fluoranthene
Concen: 0.35 ng
RT: 19.116 min Scan# 1828
Delta R.T. 0.002 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:202 Resp: 35118

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.1	13.6	20.4



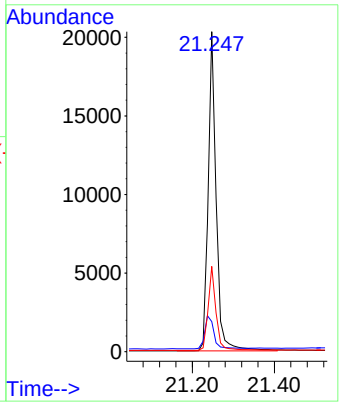
Instrument :
BNA_N
ClientSampleId :
PB136047BS

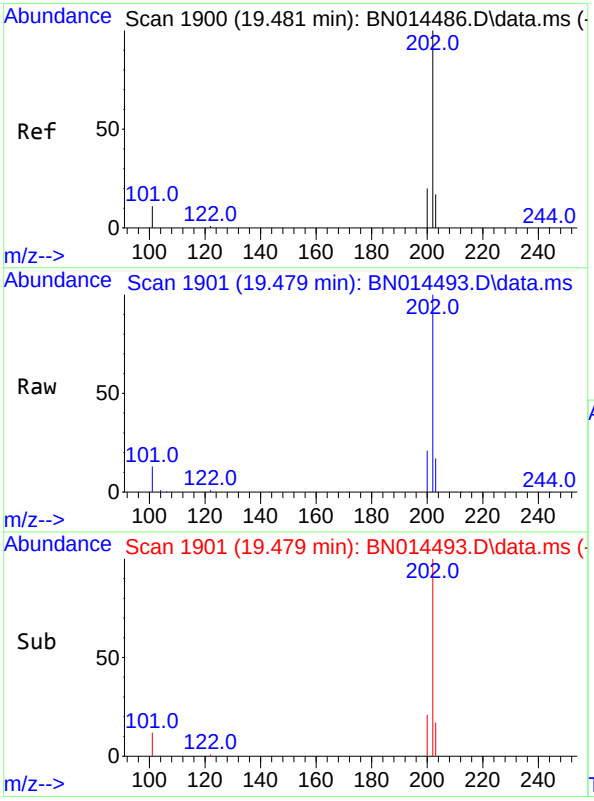


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:240 Resp: 27500

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.3	9.5
236	26.7	20.9	31.3

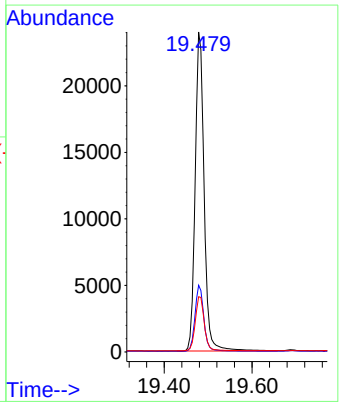




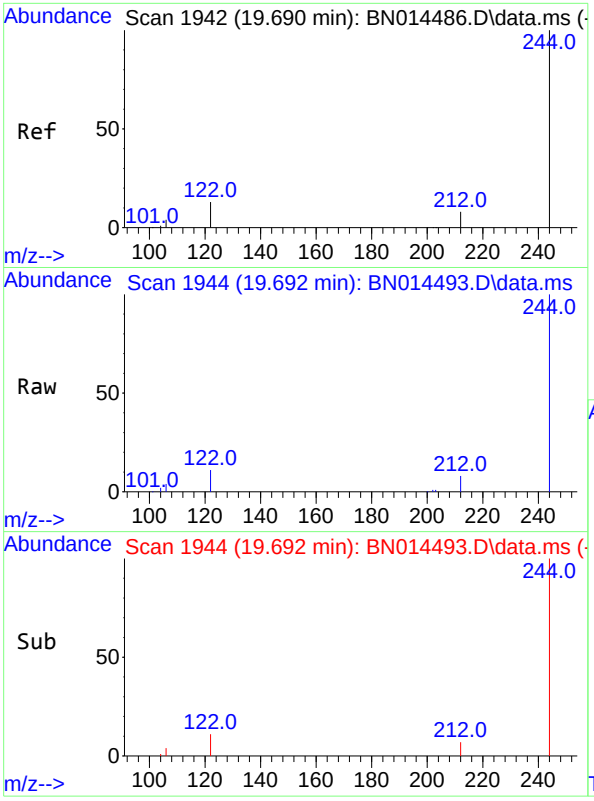
#30
Pyrene
Concen: 0.37 ng
RT: 19.479 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:202 Resp: 34008

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.3	13.9	20.9



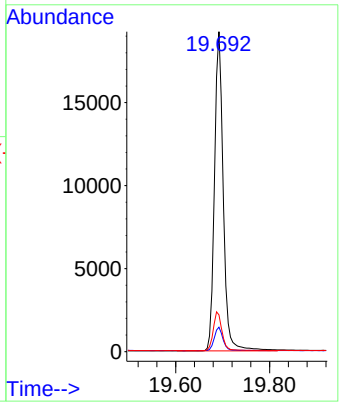
Instrument :
BNA_N
ClientSampleId :
PB136047BS

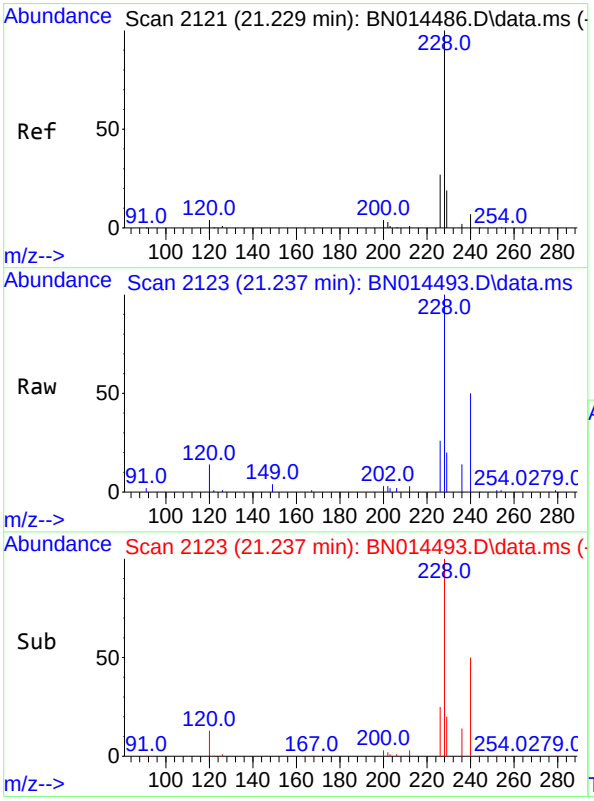


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.692 min Scan# 1944
Delta R.T. 0.002 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:244 Resp: 24878

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	11.5	10.6	16.0

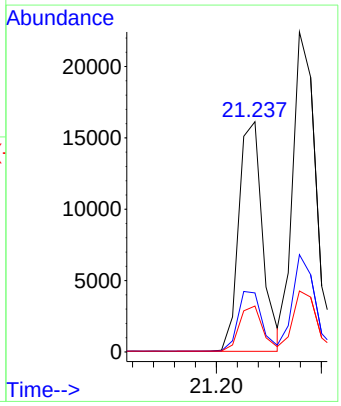




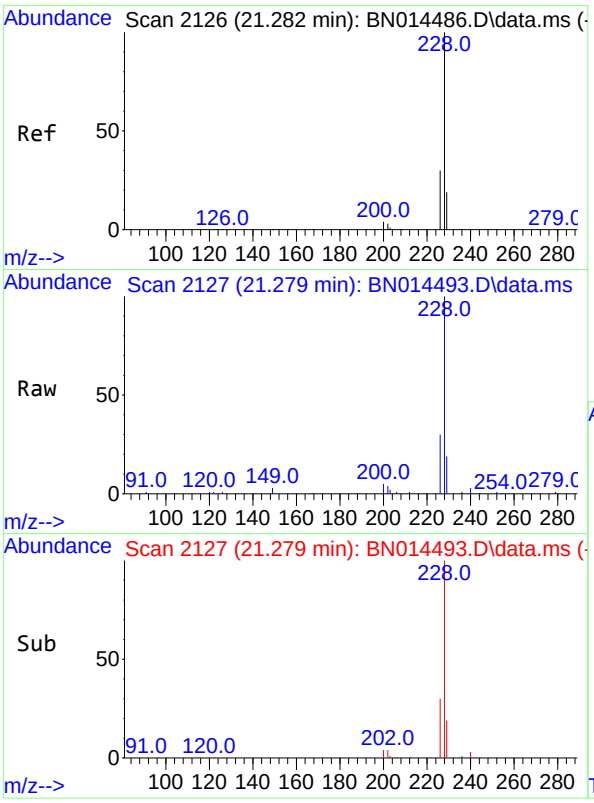
#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.237 min Scan# 2123
Delta R.T. 0.008 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:228 Resp: 25326

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.8	32.8
229	19.9	15.8	23.6



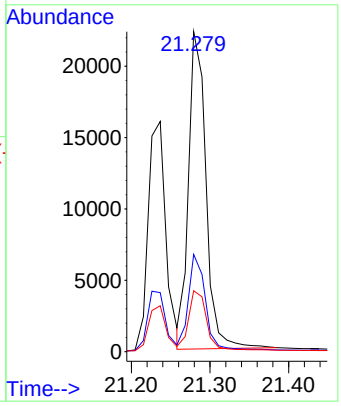
Instrument :
BNA_N
ClientSampleId :
PB136047BS

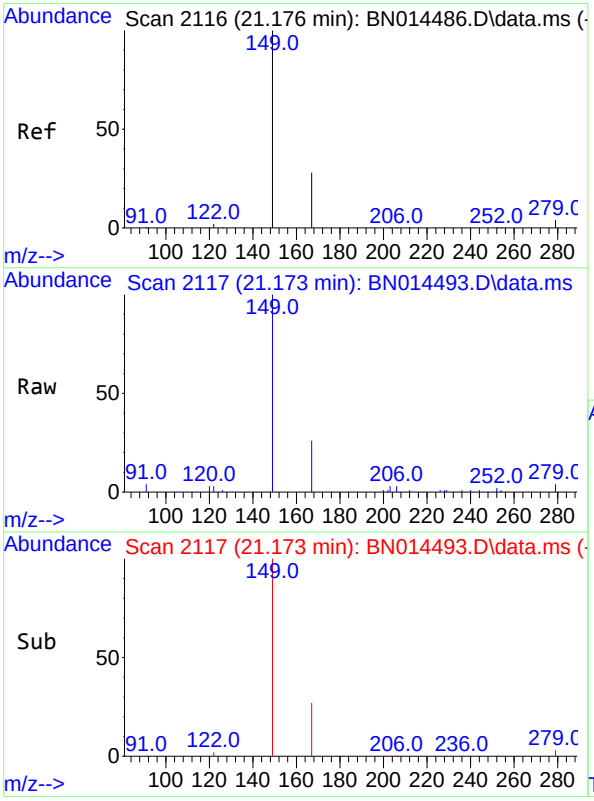


#33
Chrysene
Concen: 0.37 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.003 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:228 Resp: 34293

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	19.0	15.5	23.3

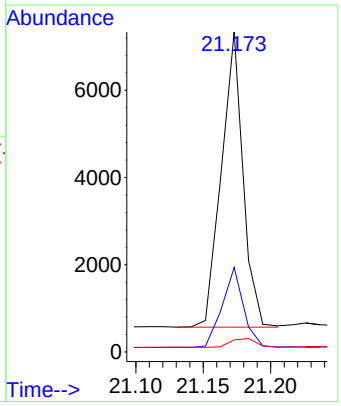




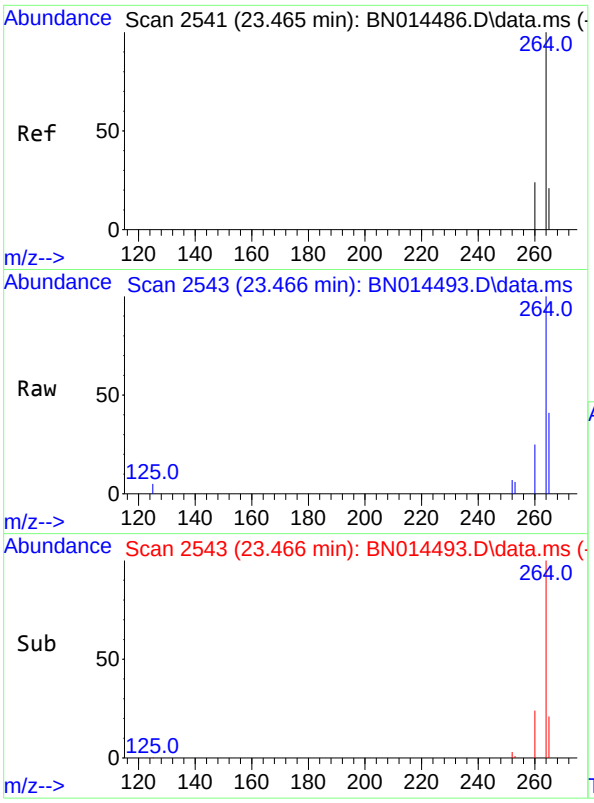
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:149 Resp: 7525

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	3.6	3.3	4.9



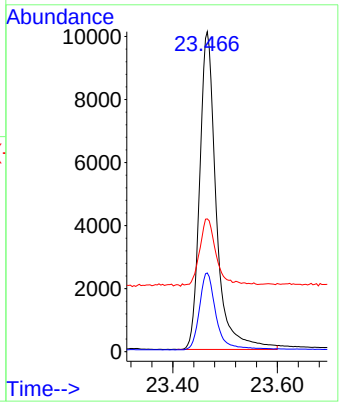
Instrument :
BNA_N
ClientSampleId :
PB136047BS

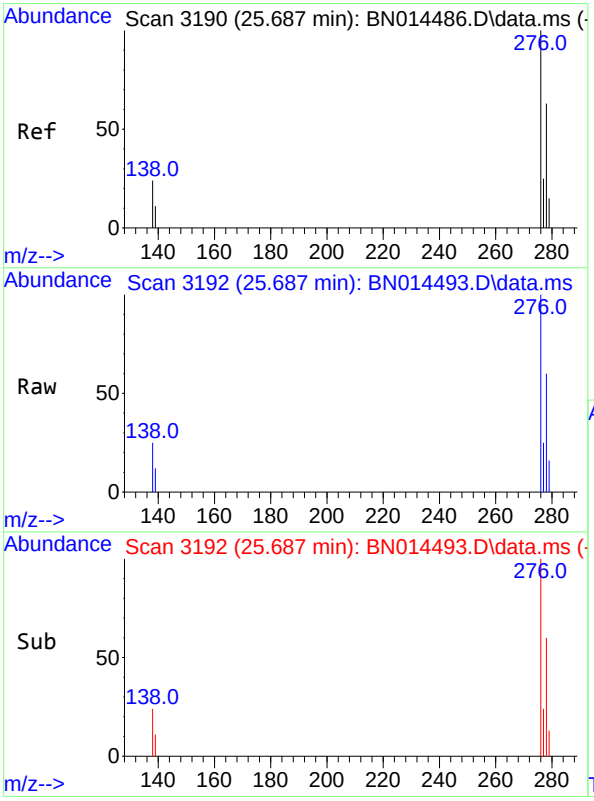


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.466 min Scan# 2543
Delta R.T. 0.001 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:264 Resp: 22185

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	41.5	35.5	53.3

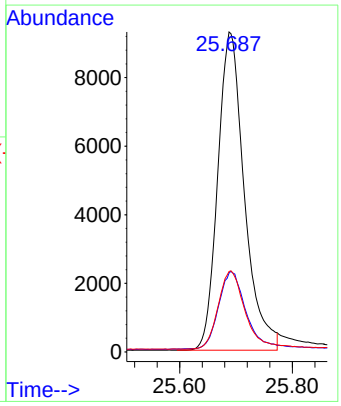




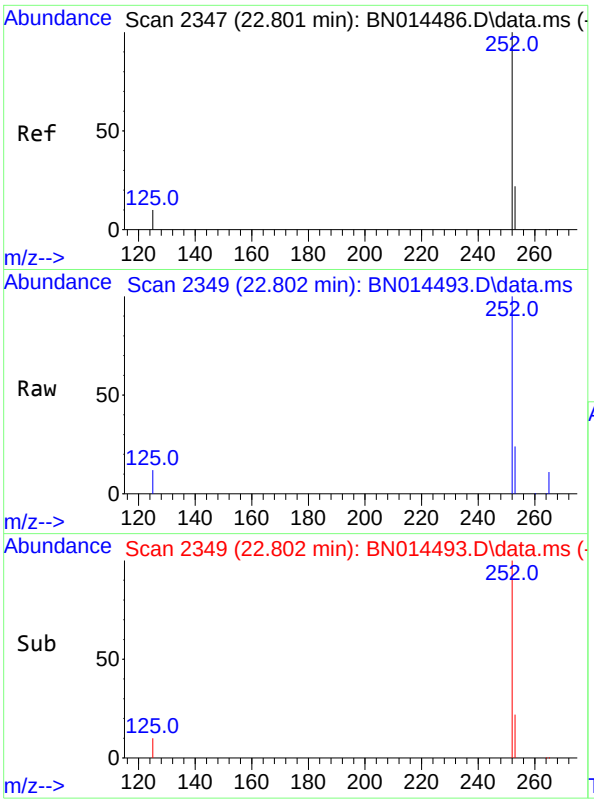
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 25.687 min Scan# 3192
Delta R.T. 0.001 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:276 Resp: 30373

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.1	30.1
277	24.8	19.8	29.8



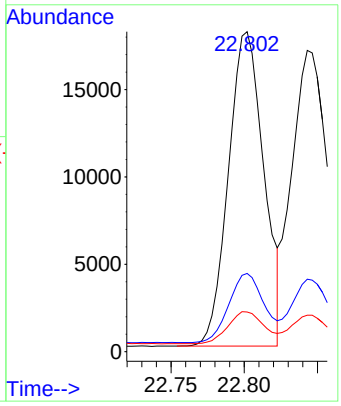
Instrument :
BNA_N
ClientSampleId :
PB136047BS

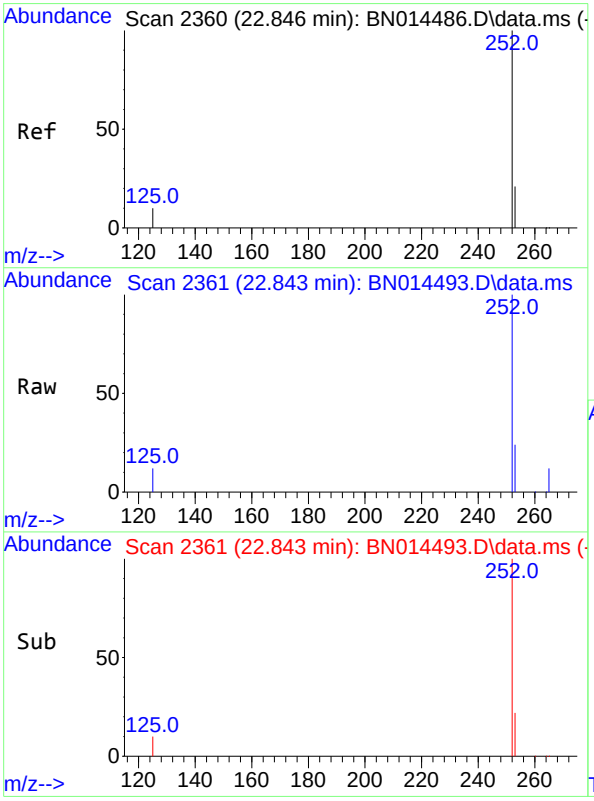


#37
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.802 min Scan# 2349
Delta R.T. 0.001 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:252 Resp: 30274

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.7	29.5
125	12.4	10.0	15.0

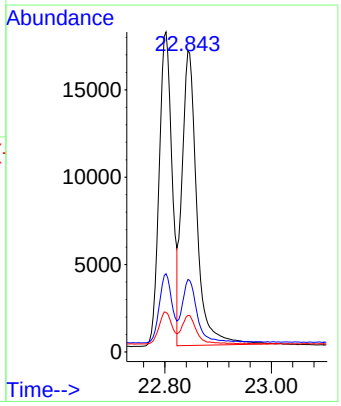




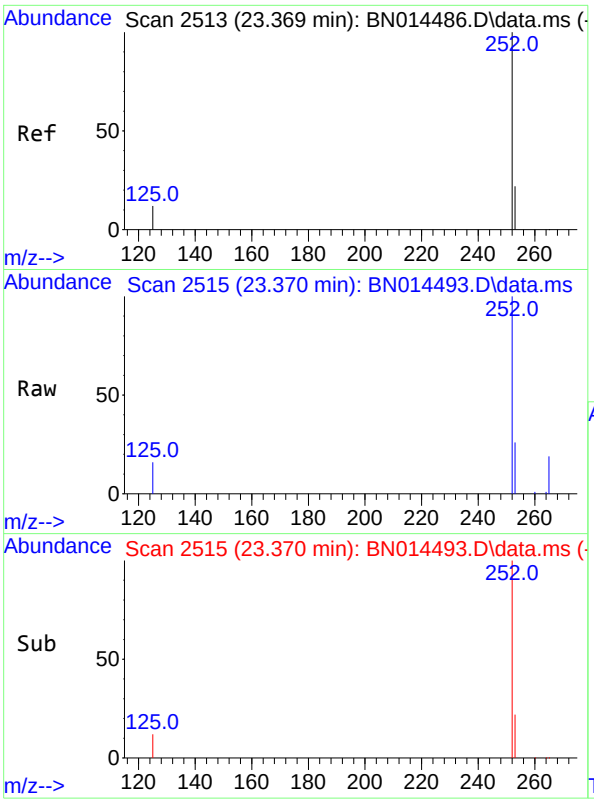
#38
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 22.843 min Scan# 2361
Delta R.T. -0.003 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:252 Resp: 32590

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	12.1	10.0	15.0



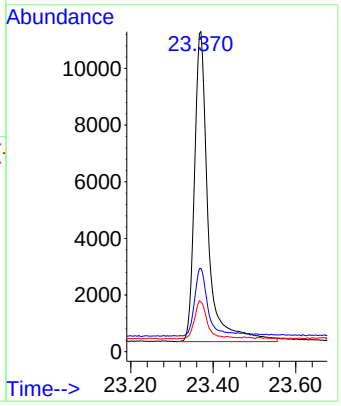
Instrument :
BNA_N
ClientSampleId :
PB136047BS

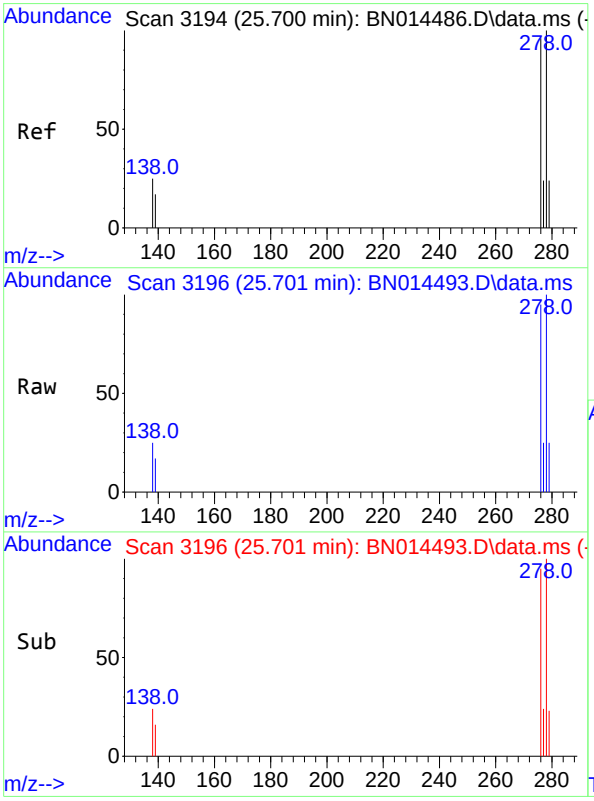


#39
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.370 min Scan# 2515
Delta R.T. 0.001 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:252 Resp: 25057

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	15.6	12.6	19.0

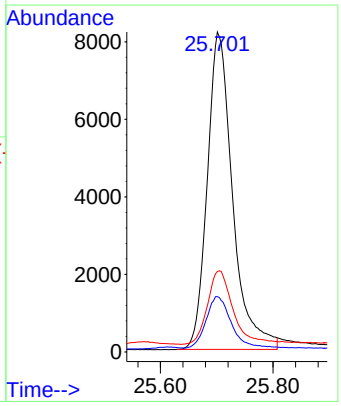


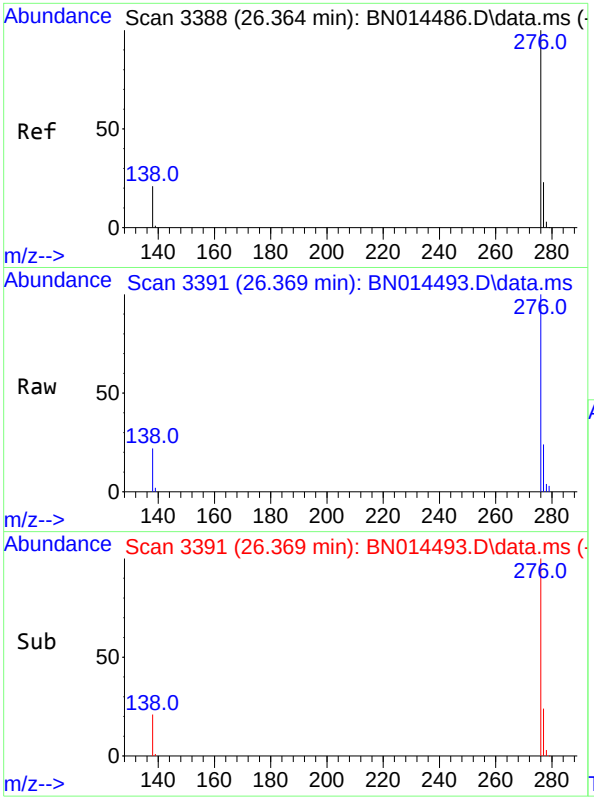


#40
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.701 min Scan# 3196
Delta R.T. 0.001 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:278 Resp: 25591

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.2	21.4
279	25.2	21.0	31.4

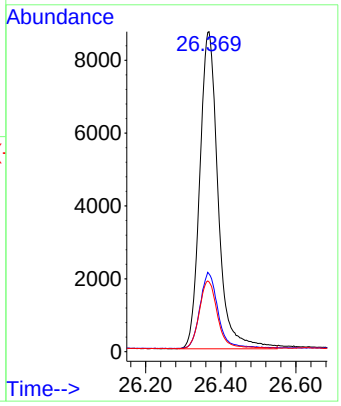




#41
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 26.369 min Scan# 3391
Delta R.T. 0.004 min
Lab File: BN014493.D
Acq: 29 Apr 2021 17:08

Tgt Ion:276 Resp: 29593

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	21.8	17.5	26.3



Instrument :
BNA_N
ClientSampleId :
PB136047BS