Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014315.D
Acq On : 16 Apr 2021 18:24
Operator : CG/JU
Sample : PB135776BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135776BS

Quant Time: Apr 17 02:52:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 16:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	7392	0.40	ng		0.00
7) Naphthalene-d8	10.479	136	26389	0.40	ng		0.00
13) Acenaphthene-d10	14.333	164	13609	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	27428	0.40	ng		0.00
29) Chrysene-d12	21.268	240	26204	0.40	ng	#	0.00
36) Perylene-d12	23.503	264	23416	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	7153	0.44	ng		0.00
5) Phenol-d6	6.871	99	8896	0.43	ng		0.00
8) Nitrobenzene-d5	8.845	82	6874	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	17900	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1925	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	23746	0.44	ng		0.00
27) Fluoranthene-d10	19.111	212	32787	0.43	ng		0.00
31) Terphenyl-d14	19.717	244	26568	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	4390	0.47	ng		95
3) n-Nitrosodimethylamine	3.609	42	1889	0.36	ng	#	87
6) bis(2-Chloroethyl)ether	7.128	93	8508	0.46	ng		100
9) Naphthalene	10.518	128	29819	0.45	ng		100
10) Hexachlorobutadiene	10.822	225	5934	0.45	ng	#	100
12) 2-Methylnaphthalene	12.142	142	19314	0.45	ng		99
16) Acenaphthylene	14.042	152	20767	0.40	ng		99
17) Acenaphthene	14.384	154	16795	0.44	ng		99
18) Fluorene	15.374	166	20284	0.43	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1158	0.41	ng		88
21) 4-Bromophenyl-phenylether	16.276	248	6370	0.44	ng		99
22) Hexachlorobenzene	16.385	284	8334	0.45	ng		99
23) Atrazine	16.544	200	3542	0.39	ng		99
24) Pentachlorophenol	16.726	266	1818	0.36	ng		99
25) Phenanthrene	17.116	178	33992	0.44	ng		100
26) Anthracene	17.201	178	25766	0.42	ng		100
28) Fluoranthene	19.141	202	36074	0.43	ng		100
30) Pyrene	19.503	202	36147	0.49	ng		100
32) Benzo(a)anthracene	21.258	228	30379	0.43	ng		99
33) Chrysene	21.311	228	39464	0.47	ng		99
34) Bis(2-ethylhexyl)phtha...	21.194	149	8811	0.45	ng		100
35) Indeno(1,2,3-cd)pyrene	25.742	276	48466	0.48	ng		99
37) Benzo(b)fluoranthene	22.833	252	42144	0.41	ng		99
38) Benzo(k)fluoranthene	22.877	252	43090	0.44	ng		99
39) Benzo(a)pyrene	23.404	252	32782	0.44	ng		98
40) Dibenzo(a,h)anthracene	25.759	278	39804	0.45	ng		100
41) Benzo(g,h,i)perylene	26.427	276	41353	0.44	ng		99

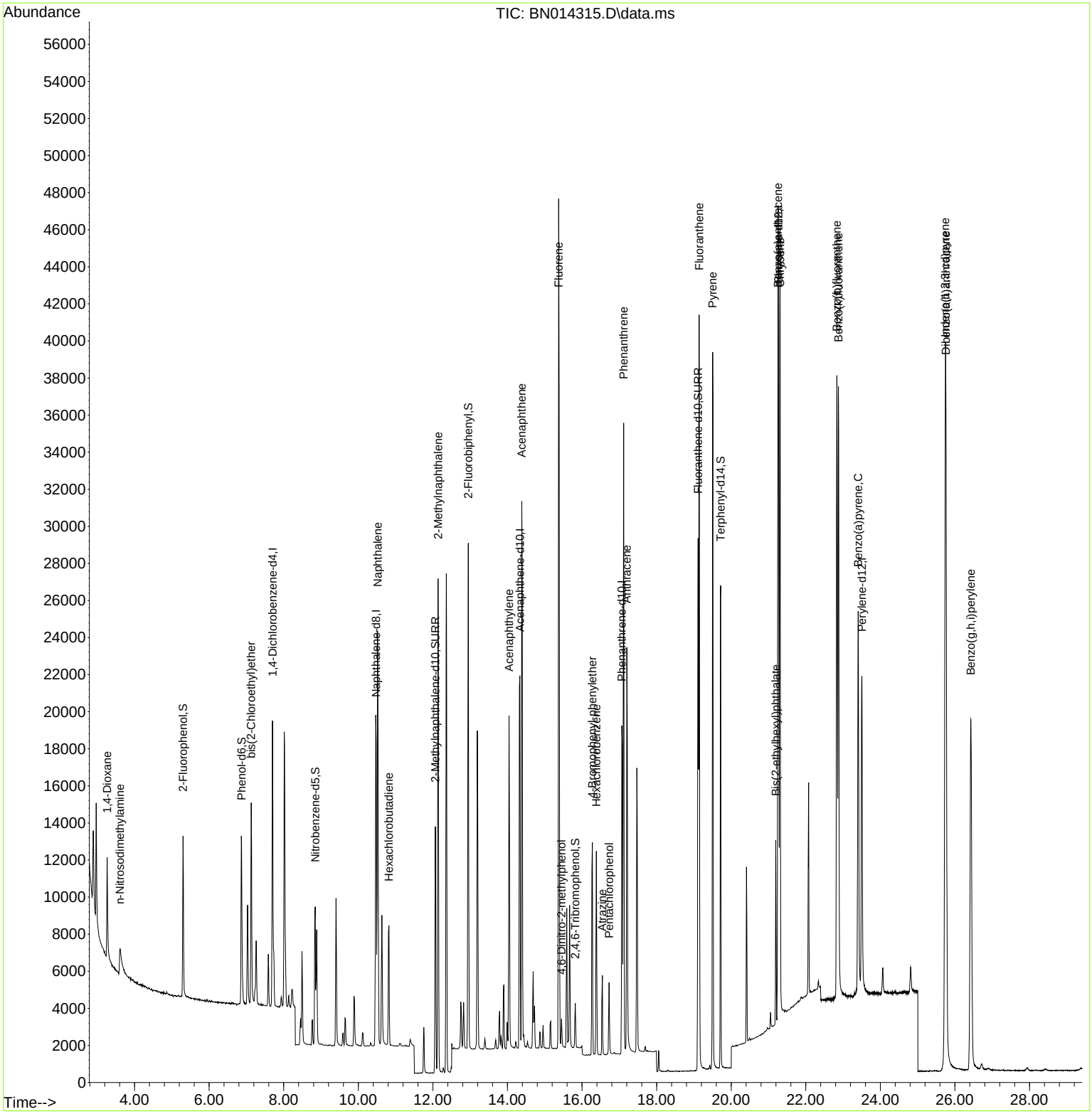
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

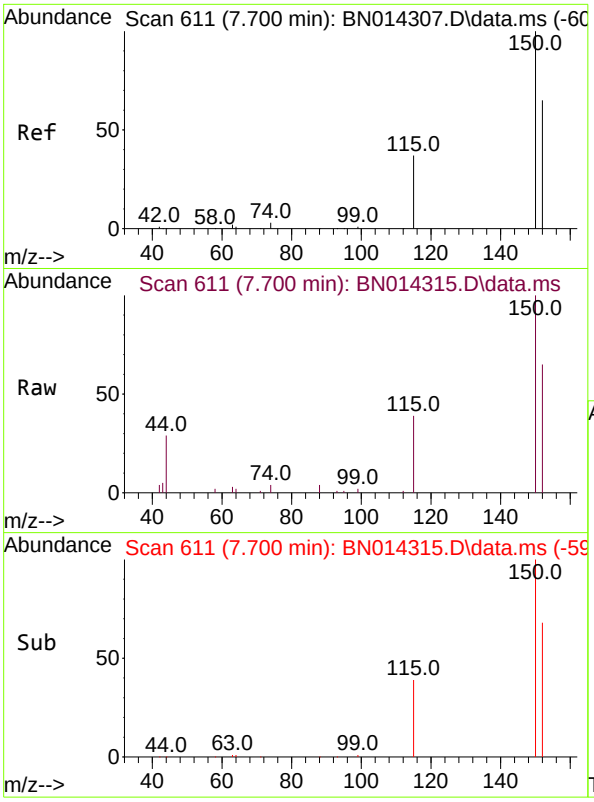
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014315.D
Acq On : 16 Apr 2021 18:24
Operator : CG/JU
Sample : PB135776BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135776BS

Quant Time: Apr 17 02:52:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 16:29:41 2021
Response via : Initial Calibration



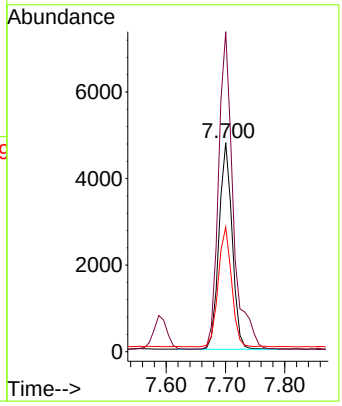
Instrument :
BNA_N
ClientSampleId :
PB135776BS

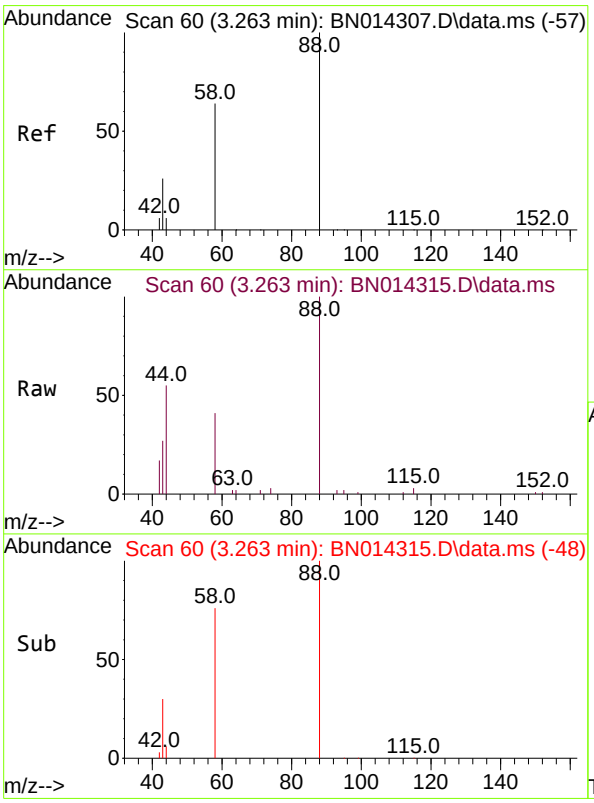


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:152 Resp: 7392

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	59.6	47.6	71.4

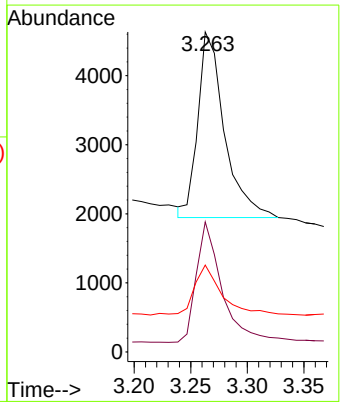




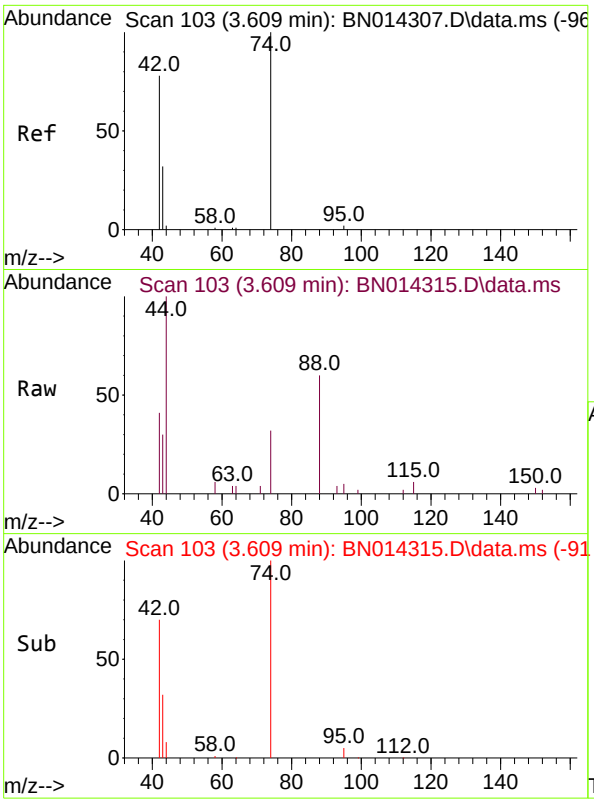
#2
1,4-Dioxane
Concen: 0.47 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion: 88 Resp: 4390

Ion	Ratio	Lower	Upper
88	100		
58	62.7	47.3	70.9
43	27.7	20.6	31.0



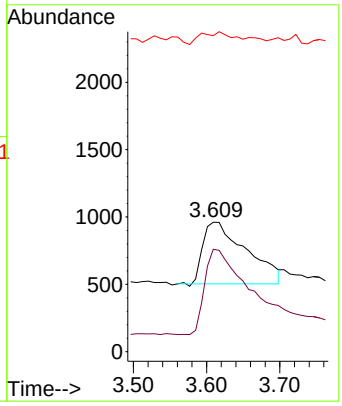
Instrument :
BNA_N
ClientSampleId :
PB135776BS

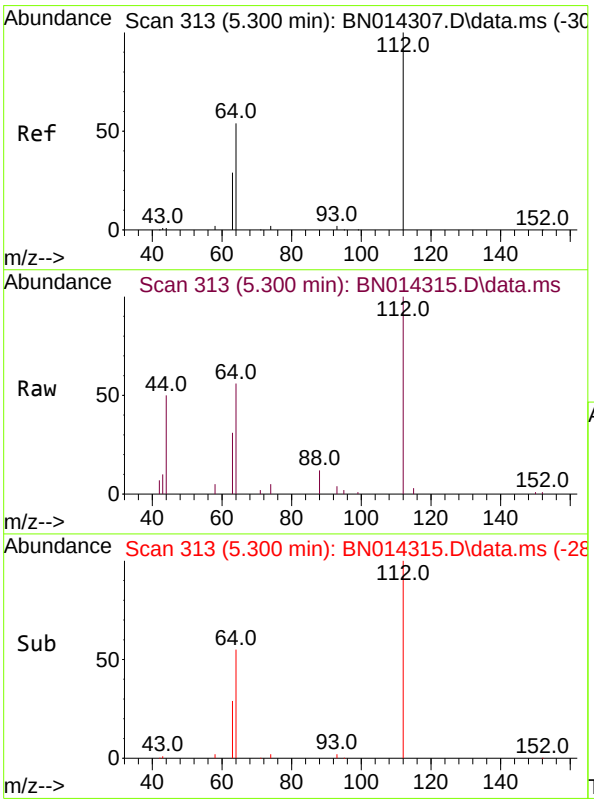


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.609 min Scan# 103
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion: 42 Resp: 1889

Ion	Ratio	Lower	Upper
42	100		
74	145.8	104.6	157.0
44	6.9	2.4	3.6#

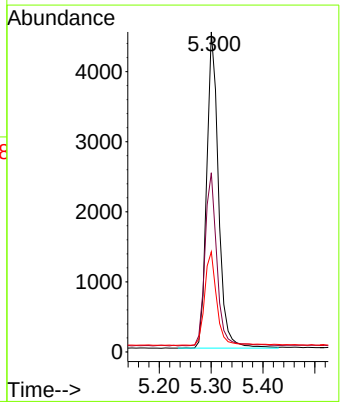




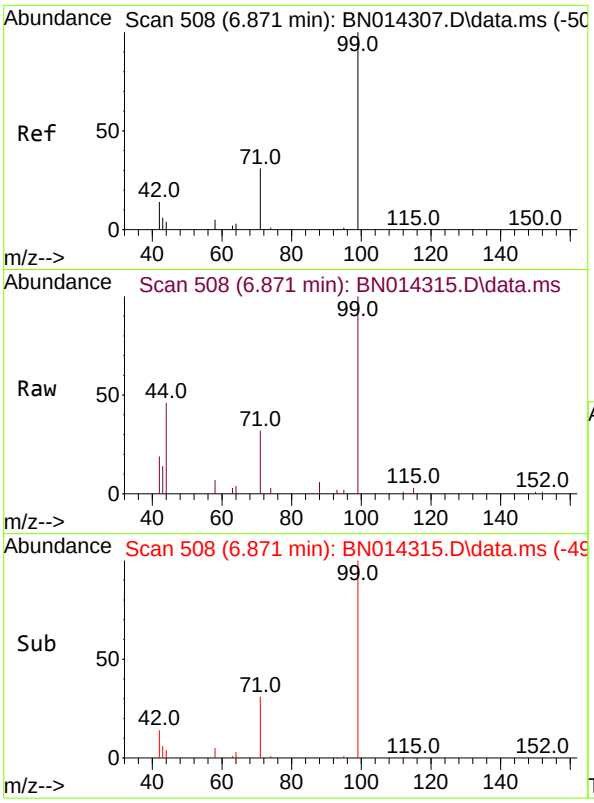
#4
2-Fluorophenol
Concen: 0.44 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:112 Resp: 7153

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.7	65.5
63	30.6	23.8	35.8



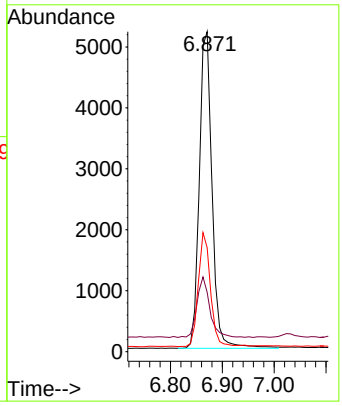
Instrument :
BNA_N
ClientSampleId :
PB135776BS

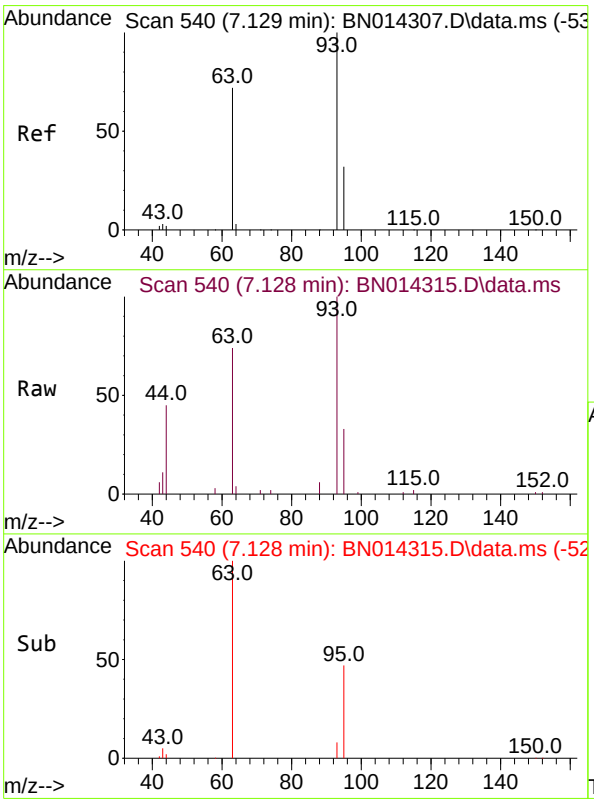


#5
Phenol-d6
Concen: 0.43 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion: 99 Resp: 8896

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.7	23.5
71	34.4	27.6	41.4

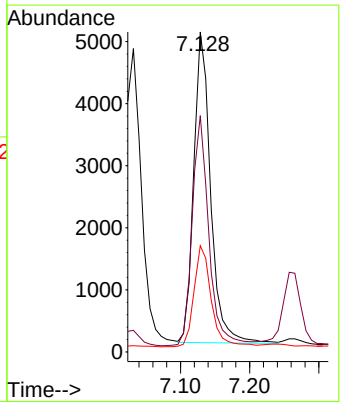


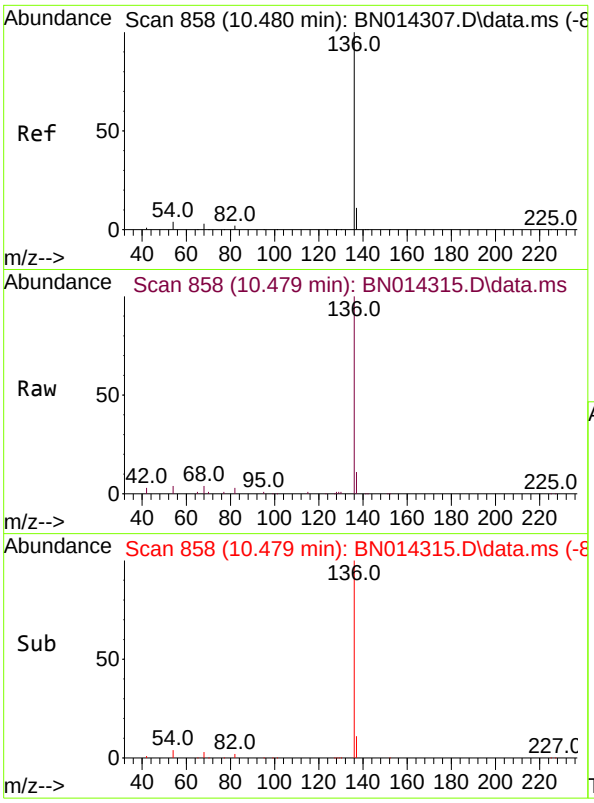


#6
bis(2-Chloroethyl)ether
Concen: 0.46 ng
RT: 7.128 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion: 93 Resp: 8508

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.2	87.4
95	33.4	26.7	40.1

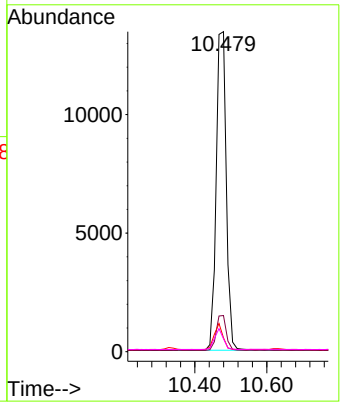


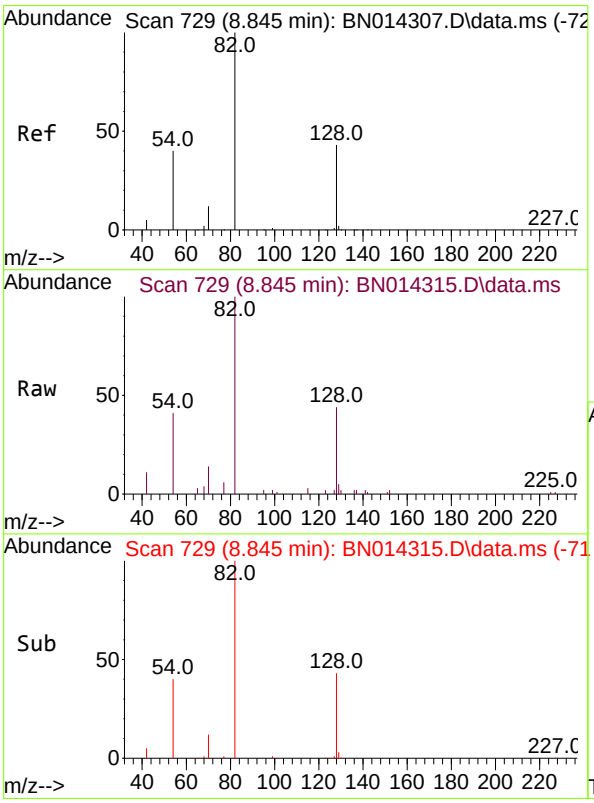


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.479 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:136 Resp: 26389

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.3	3.5	5.3
68	4.0	3.4	5.2

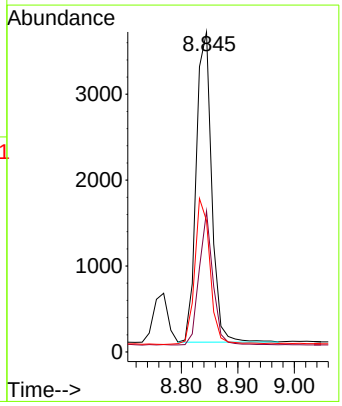




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion: 82 Resp: 6874

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.3	52.9
54	41.0	33.4	50.2



Instrument :
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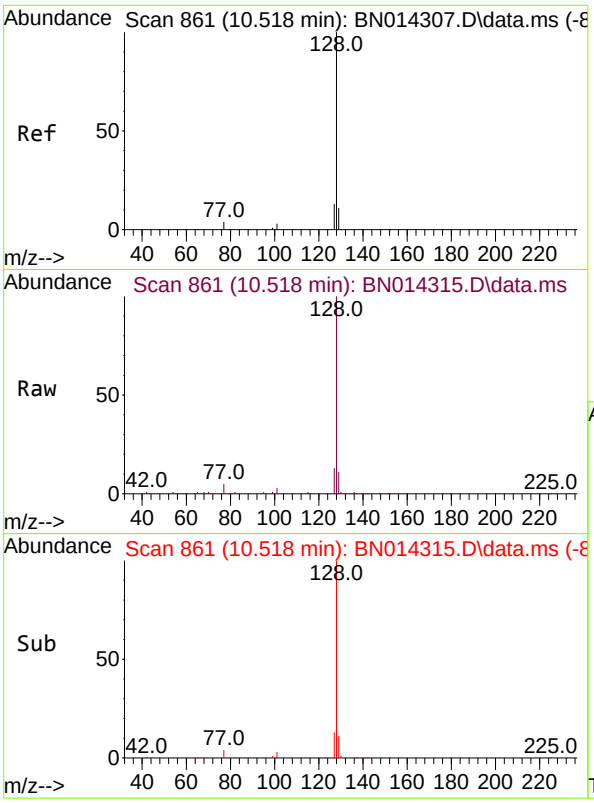
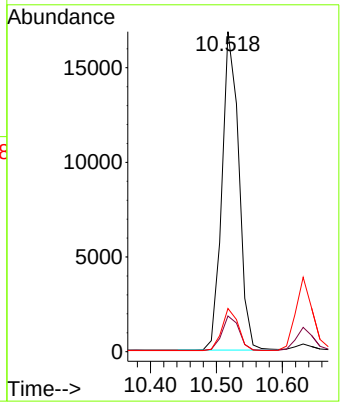
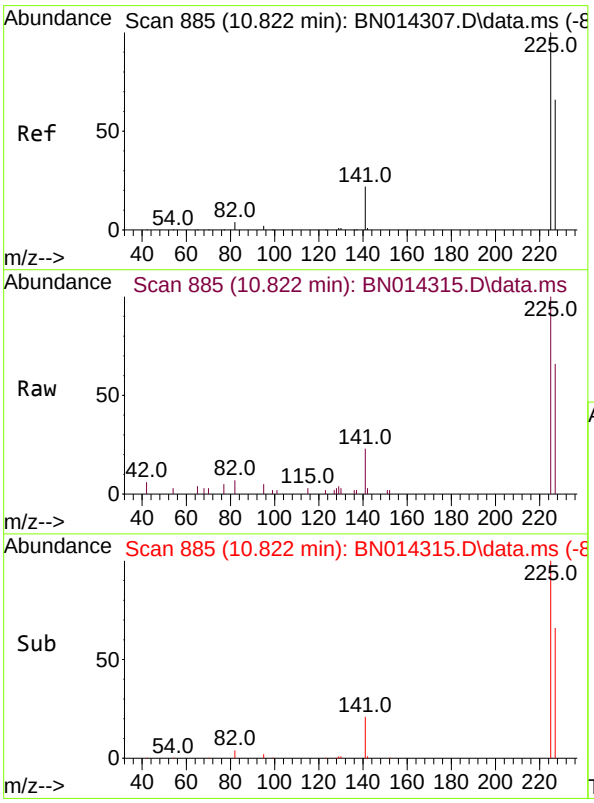


#9
Naphthalene
Concen: 0.45 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:128 Resp: 29819

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.5	10.7	16.1

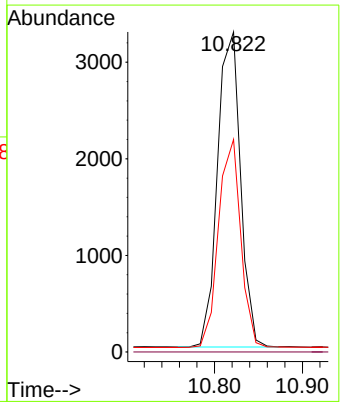




#10
Hexachlorobutadiene
Concen: 0.45 ng
RT: 10.822 min Scan# 885
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:225 Resp: 5934

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.9	76.3



Instrument :
BNA_N
ClientSampleId :
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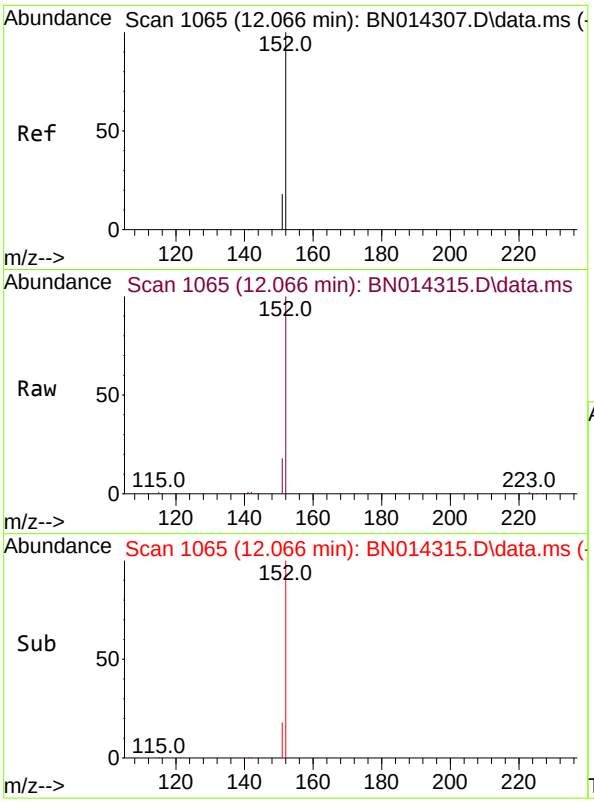
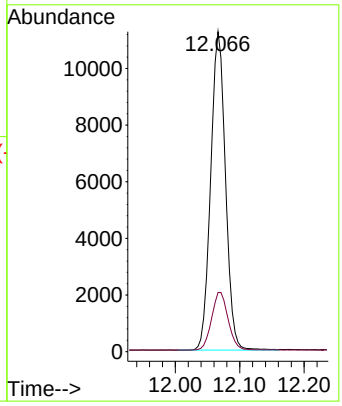
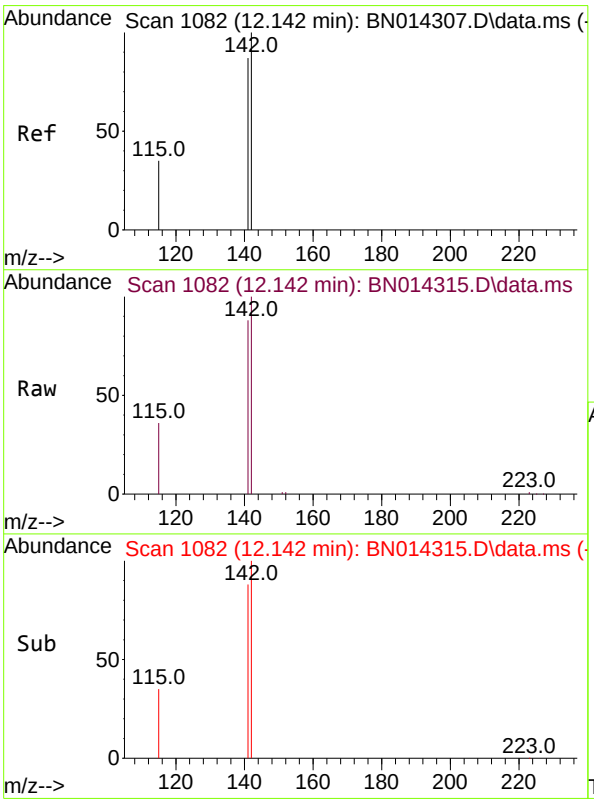


#11
2-Methylnaphthalene-d10
Concen: 0.44 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:152 Resp: 17900

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

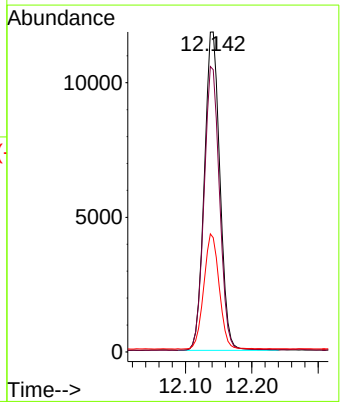


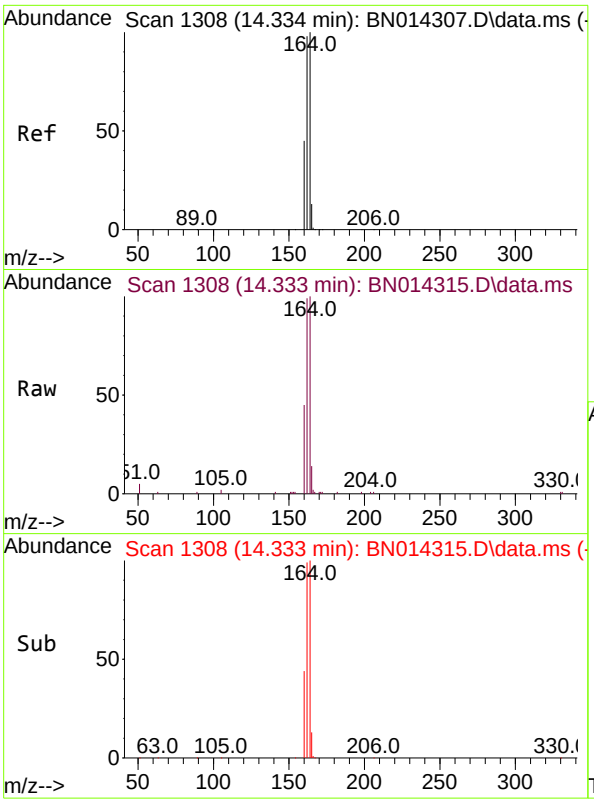


#12
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.142 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:142 Resp: 19314

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	35.7	28.8	43.2

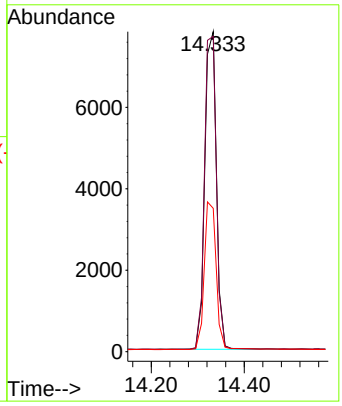




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.333 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:164 Resp: 13609

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.6	117.8
160	44.8	36.2	54.4



Instrument :
BNA_N
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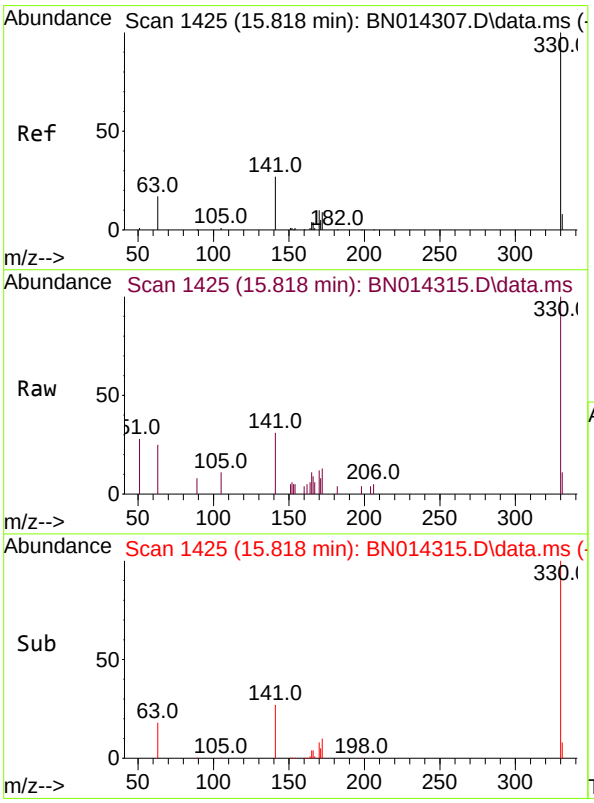
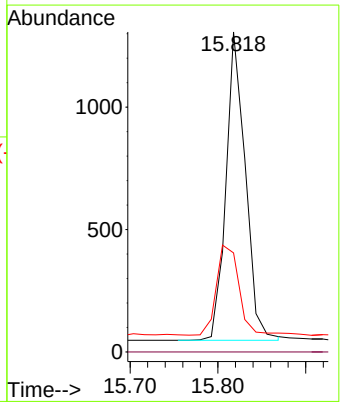
PB135776BS



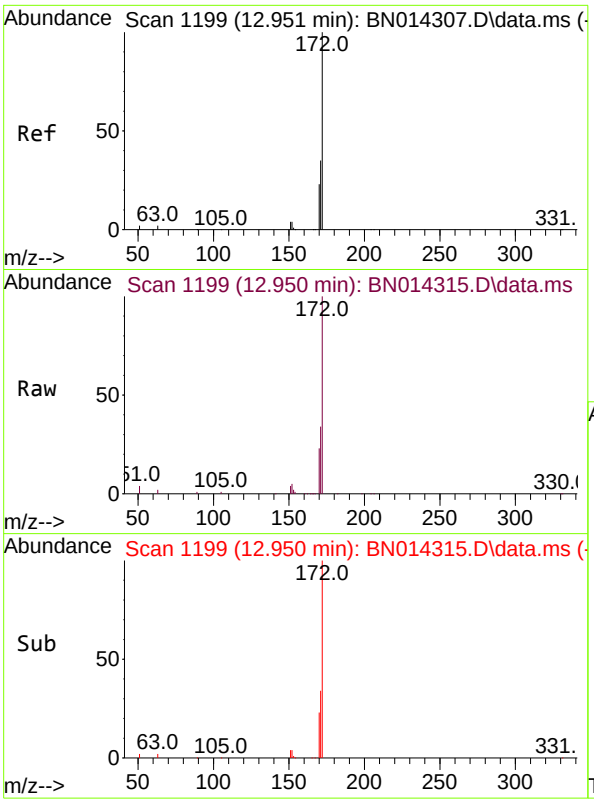
#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:330 Resp: 1925

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.8	28.8	43.2



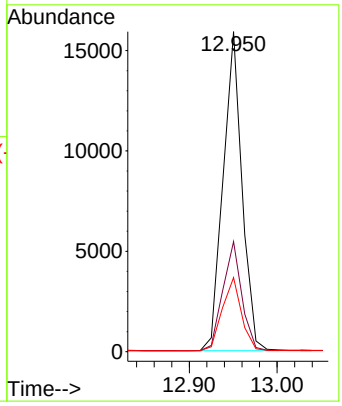
Instrument :
BNA_N
ClientSampleId :
PB135776BS

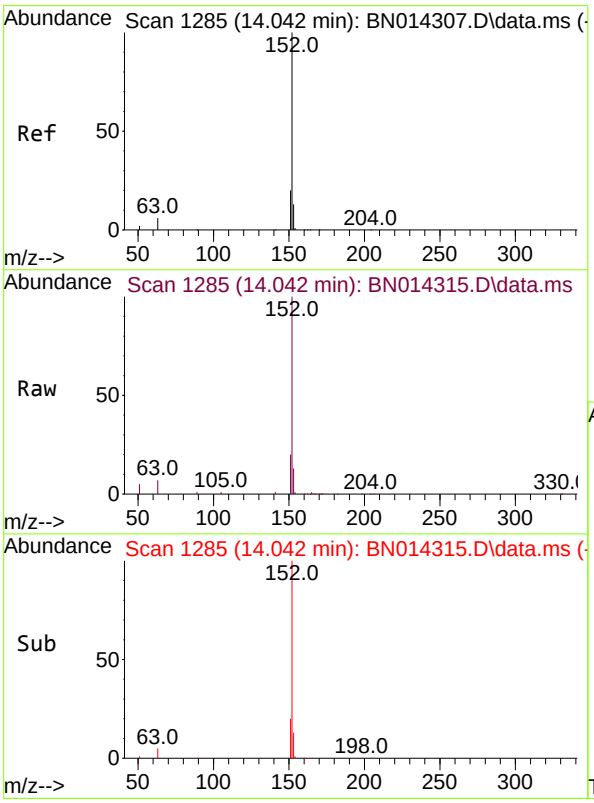


#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:172 Resp: 23746

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.1	18.8	28.2

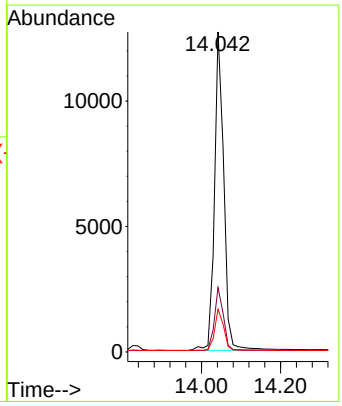




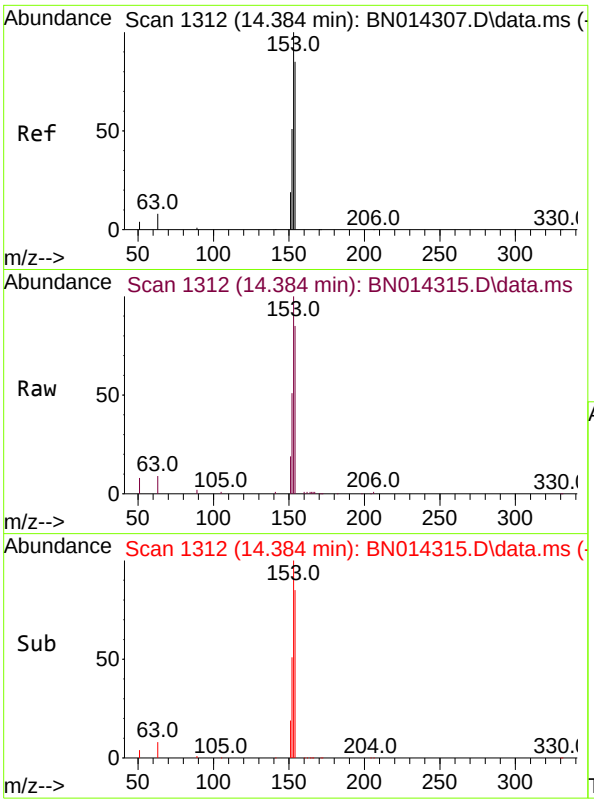
#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.042 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:152 Resp: 20767

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.9	10.6	15.8



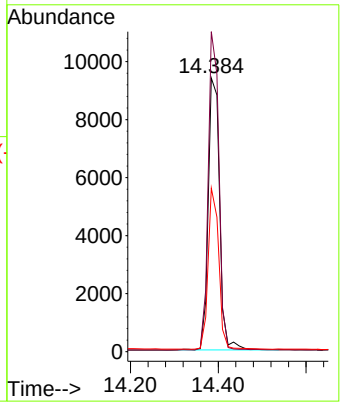
Instrument :
BNA_N
ClientSampleId :
PB135776BS

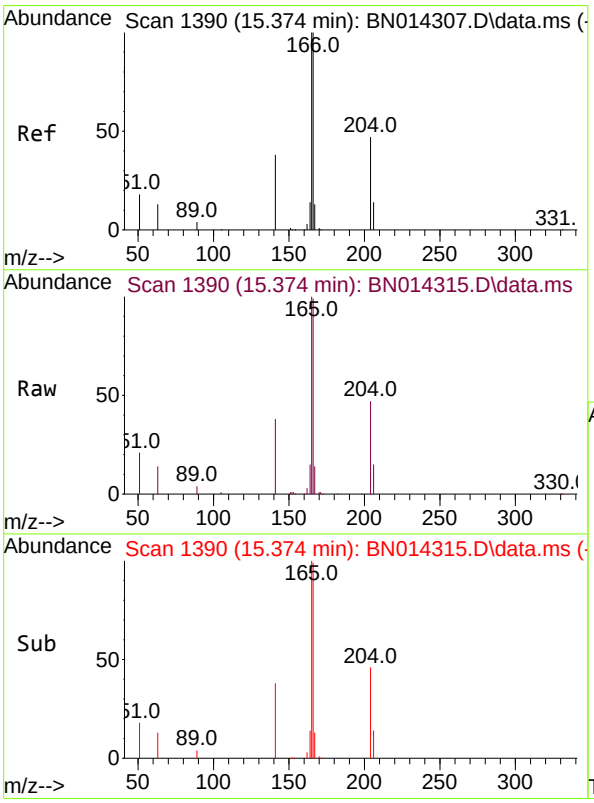


#17
Acenaphthene
Concen: 0.44 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:154 Resp: 16795

Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.4	134.2
152	55.3	44.7	67.1

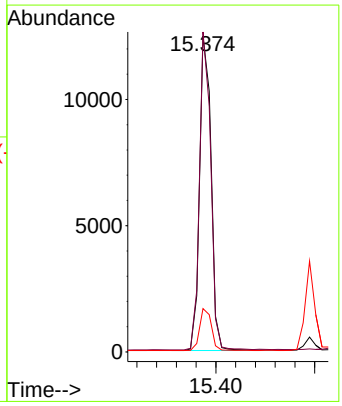




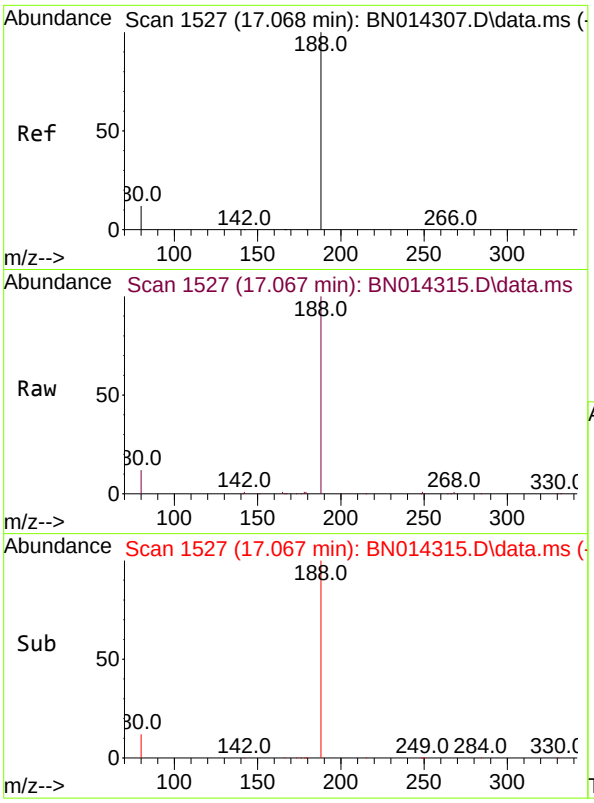
#18
Fluorene
Concen: 0.43 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:166 Resp: 20284

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	13.6	10.9	16.3



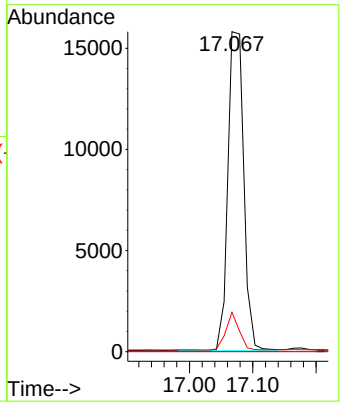
Instrument :
BNA_N
ClientSampleId :
PB135776BS

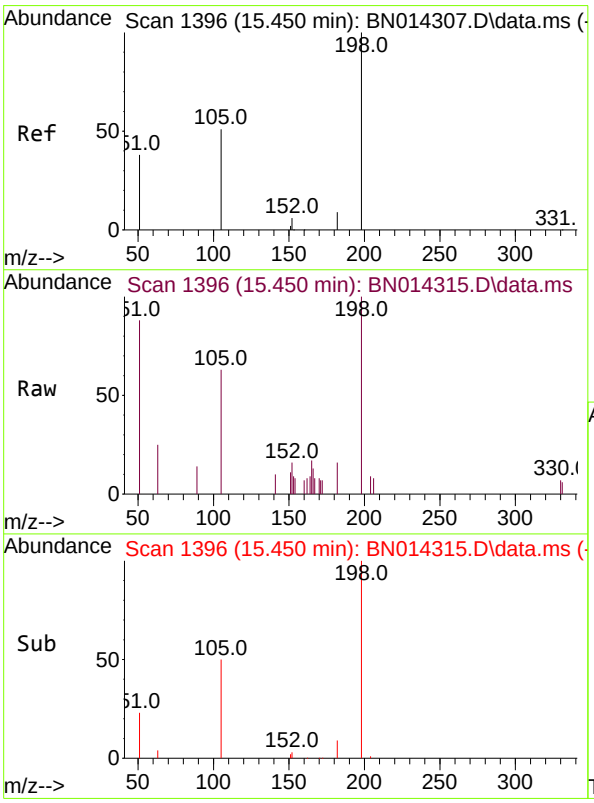


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:188 Resp: 27428

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	10.2	15.4

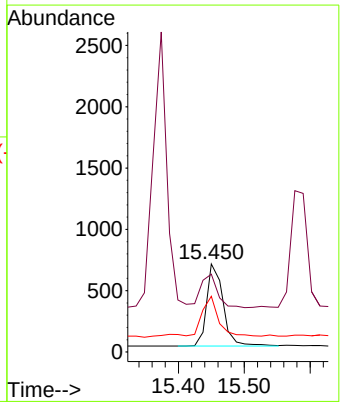




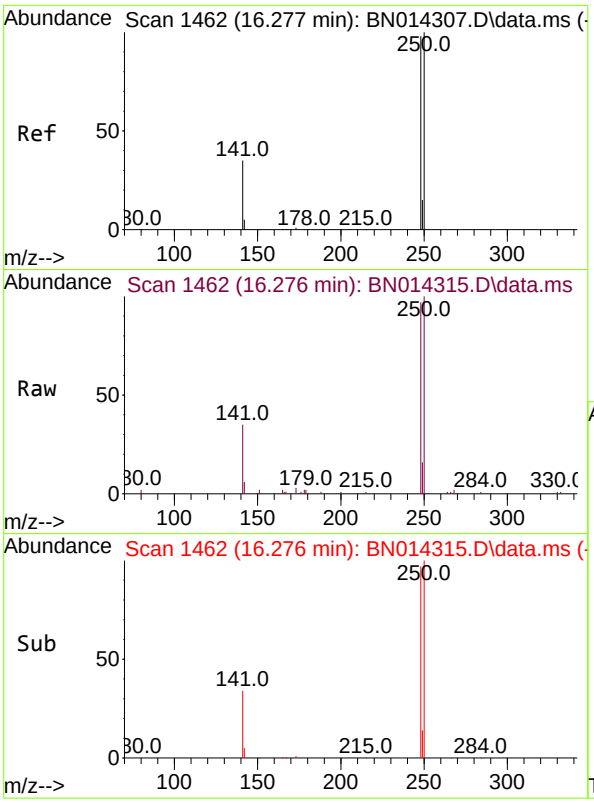
#20
4,6-Dinitro-2-methylphenol
Concen: 0.41 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:198 Resp: 1158

Ion	Ratio	Lower	Upper
198	100		
51	88.4	82.6	123.8
105	63.4	56.1	84.1



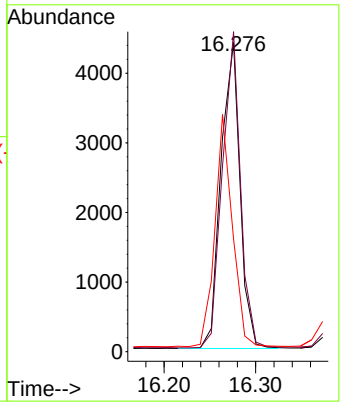
Instrument :
BNA_N
ClientSampleId :
PB135776BS

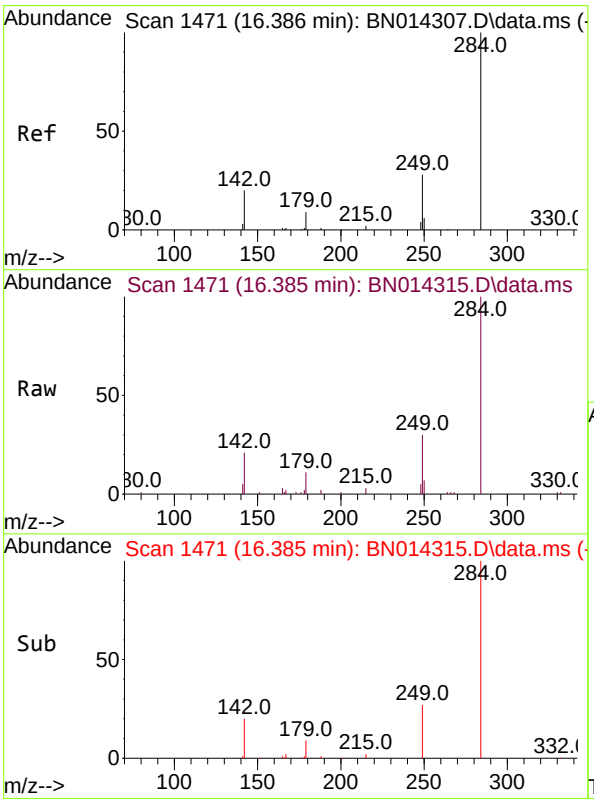


#21
4-Bromophenyl-phenylether
Concen: 0.44 ng
RT: 16.276 min Scan# 1462
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:248 Resp: 6370

Ion	Ratio	Lower	Upper
248	100		
250	103.5	81.9	122.9
141	36.4	29.3	43.9

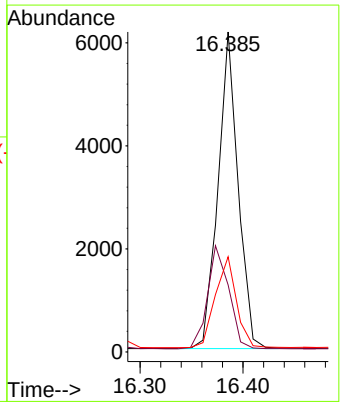




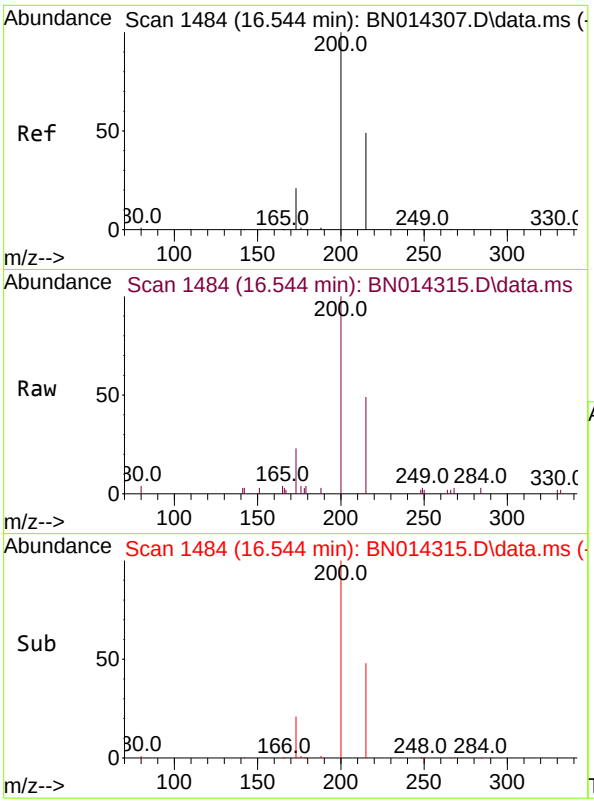
#22
Hexachlorobenzene
Concen: 0.45 ng
RT: 16.385 min Scan# 1471
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:284 Resp: 8334

Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.0	40.6
249	30.2	23.7	35.5



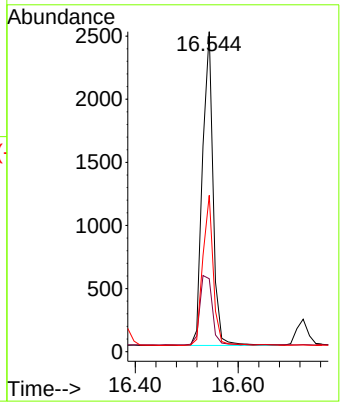
Instrument :
BNA_N
ClientSampleId :
PB135776BS

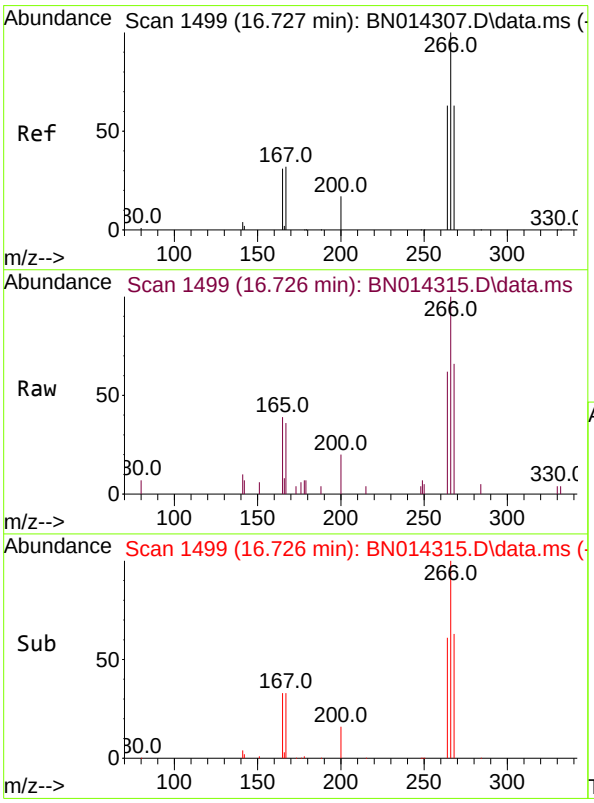


#23
Atrazine
Concen: 0.39 ng
RT: 16.544 min Scan# 1484
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:200 Resp: 3542

Ion	Ratio	Lower	Upper
200	100		
173	22.8	18.5	27.7
215	48.9	40.0	60.0

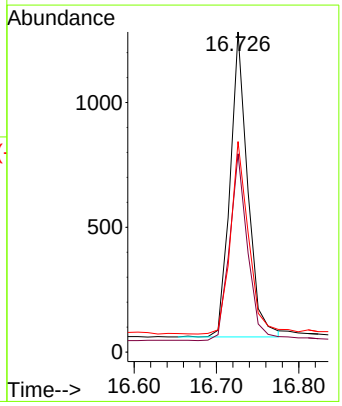




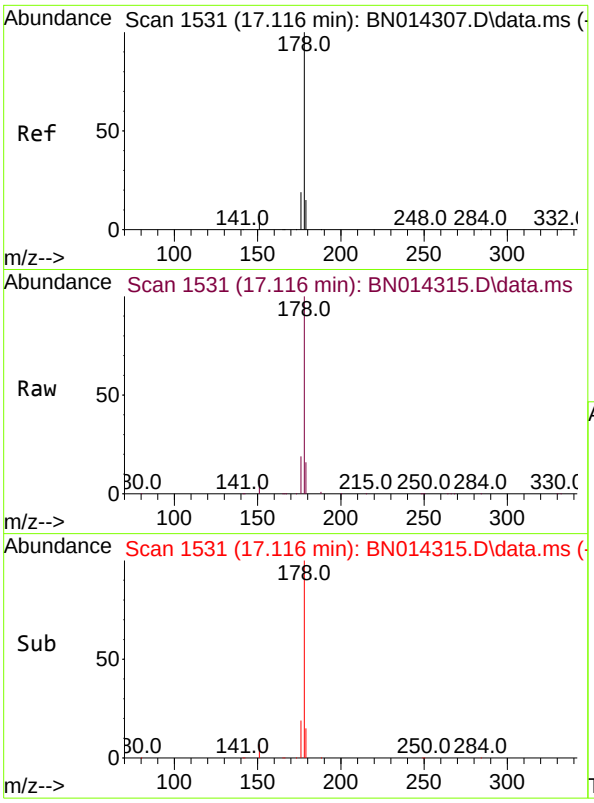
#24
Pentachlorophenol
Concen: 0.36 ng
RT: 16.726 min Scan# 1499
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:266 Resp: 1818

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.8
268	64.6	50.7	76.1



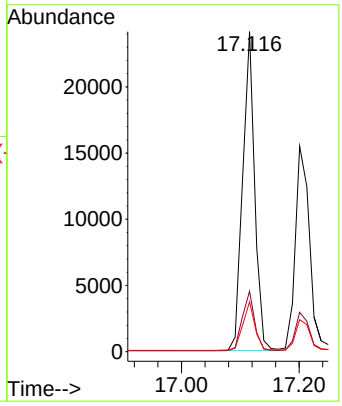
Instrument :
BNA_N
ClientSampleId :
PB135776BS

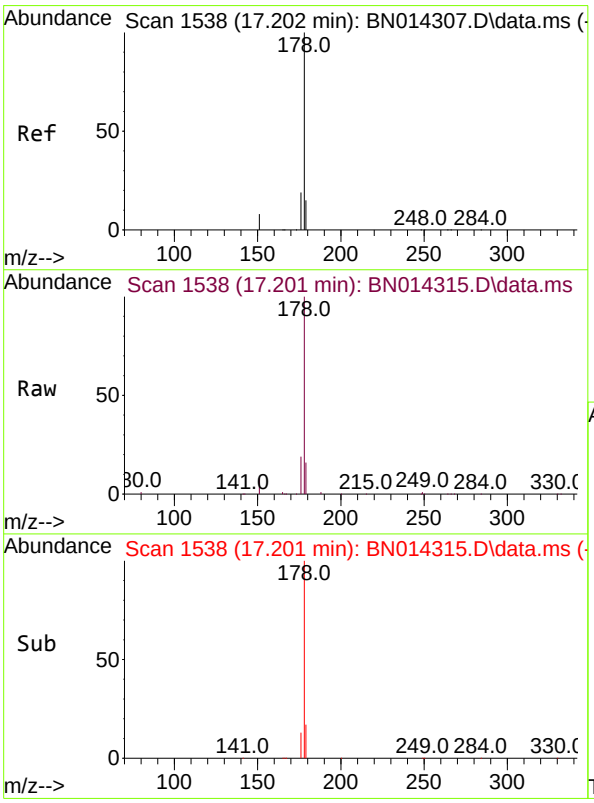


#25
Phenanthrene
Concen: 0.44 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:178 Resp: 33992

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.2	18.4

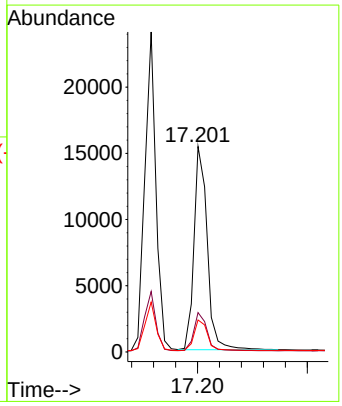




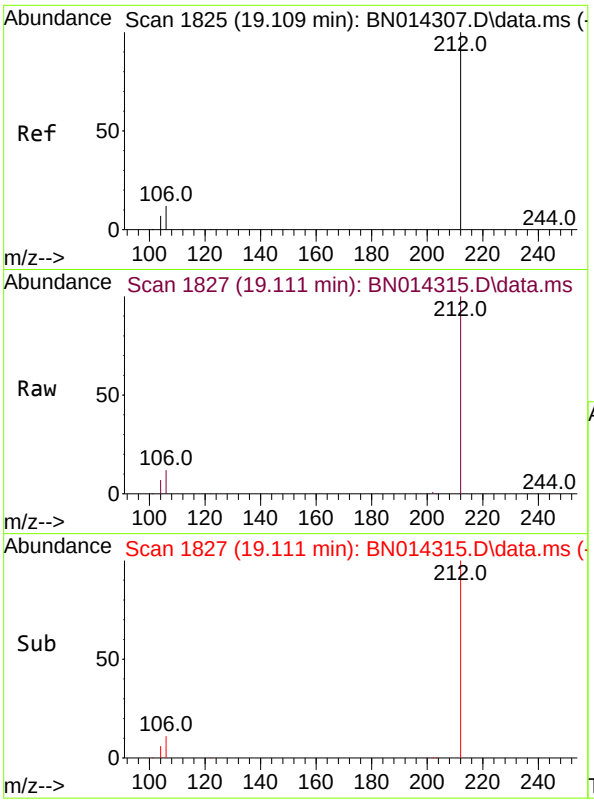
#26
Anthracene
Concen: 0.42 ng
RT: 17.201 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:178 Resp: 25766

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.5	12.2	18.4



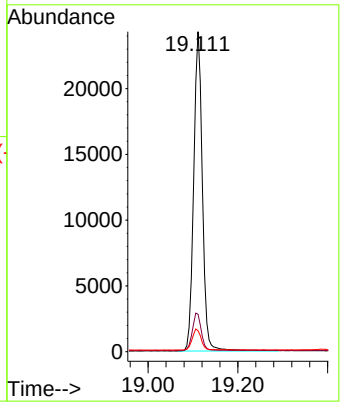
Instrument :
BNA_N
ClientSampleId :
PB135776BS

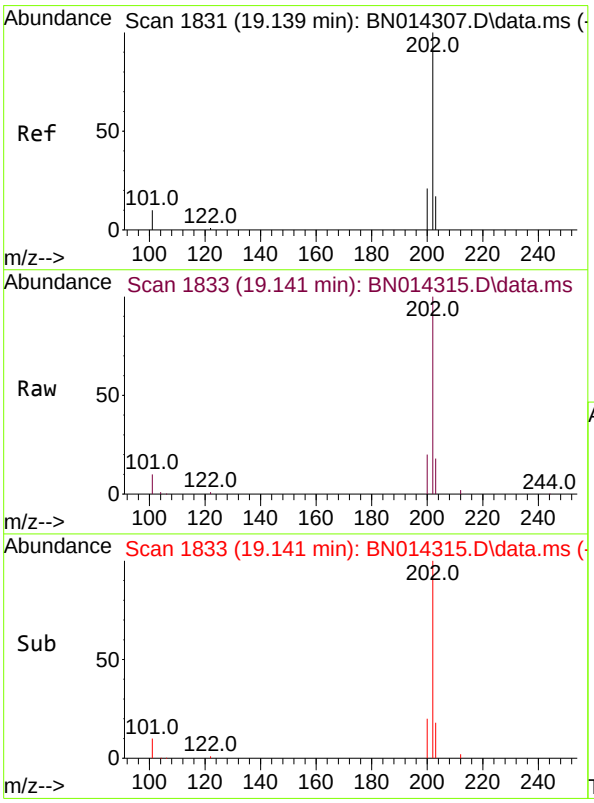


#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.111 min Scan# 1827
Delta R.T. 0.002 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:212 Resp: 32787

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.7	14.5
104	6.8	5.5	8.3

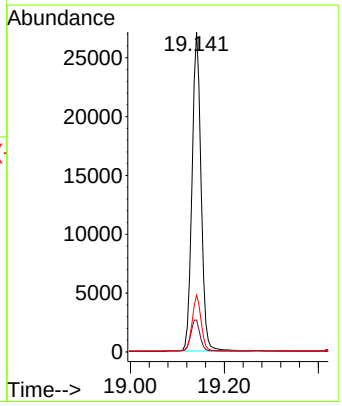




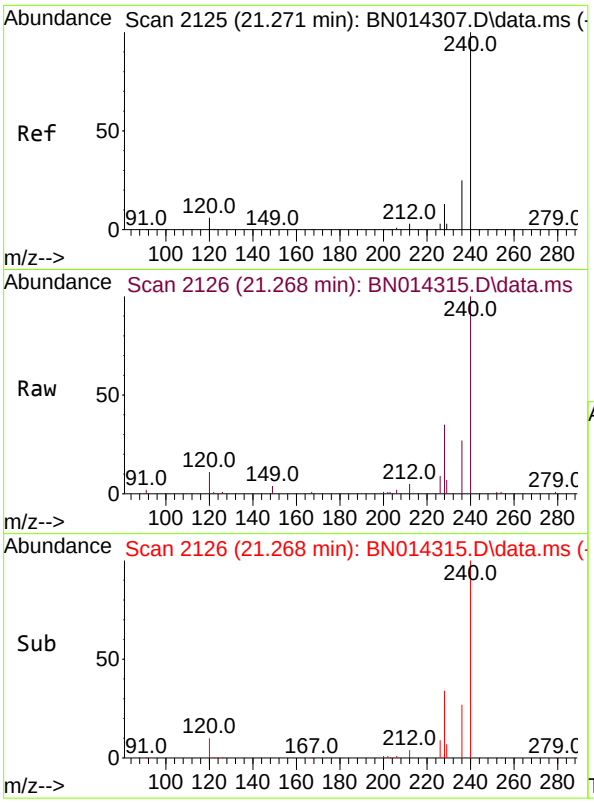
#28
Fluoranthene
Concen: 0.43 ng
RT: 19.141 min Scan# 1833
Delta R.T. 0.002 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:202 Resp: 36074

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.1	13.8	20.6



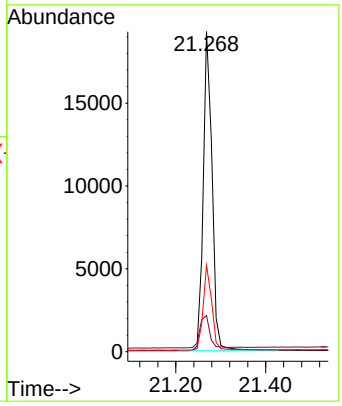
Instrument :
BNA_N
ClientSampleId :
PB135776BS

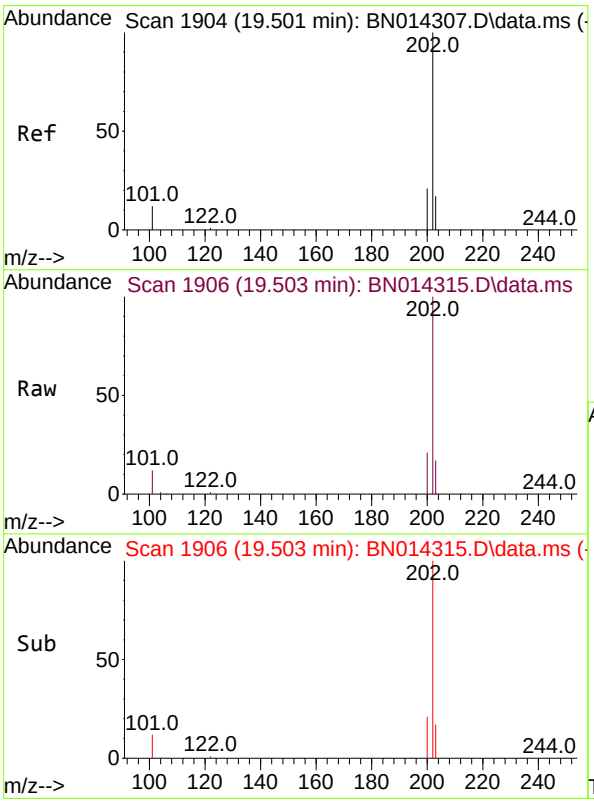


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:240 Resp: 26204

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.4	8.0#
236	26.9	20.4	30.6

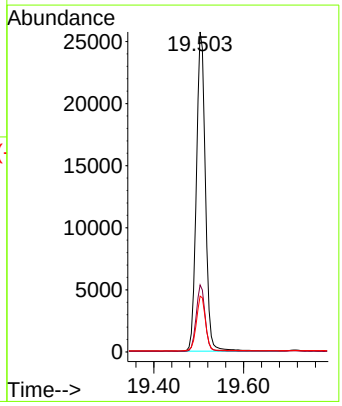


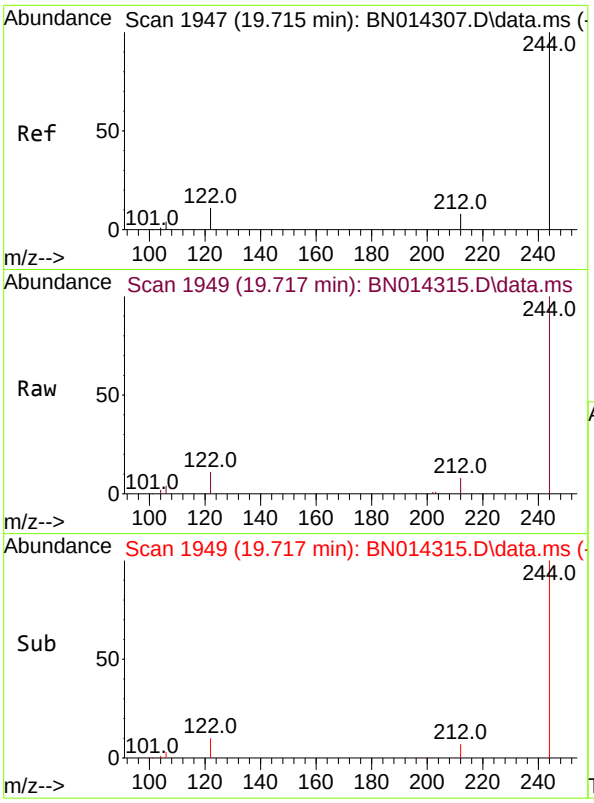


#30
Pyrene
Concen: 0.49 ng
RT: 19.503 min Scan# 1906
Delta R.T. 0.002 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:202 Resp: 36147

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.3	14.0	21.0

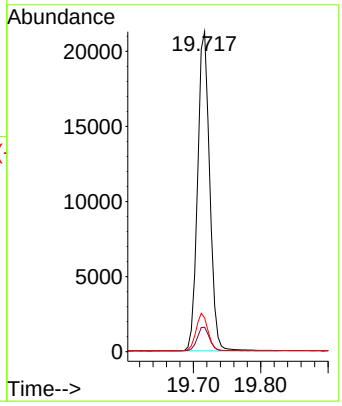




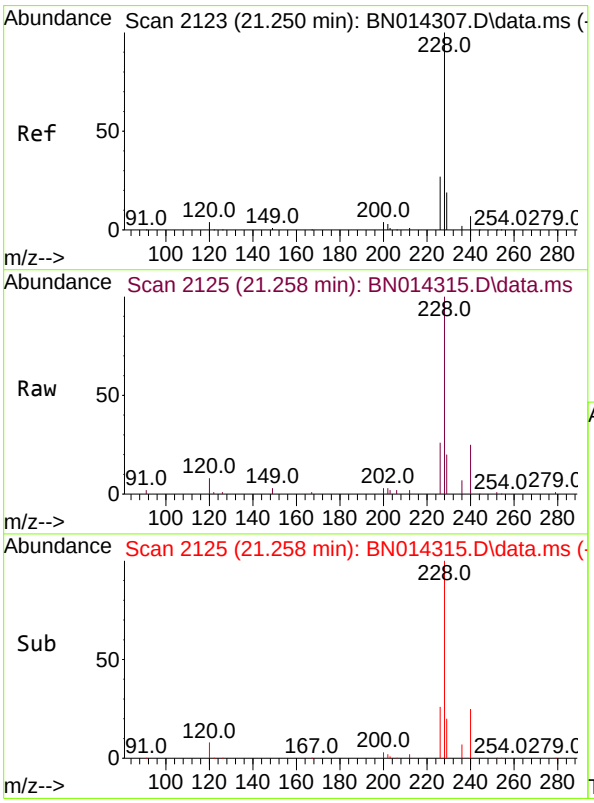
#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.717 min Scan# 1949
Delta R.T. 0.002 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:244 Resp: 26568

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	10.6	9.0	13.6



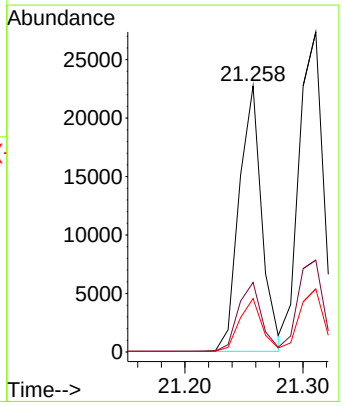
Instrument :
BNA_N
ClientSampleId :
PB135776BS



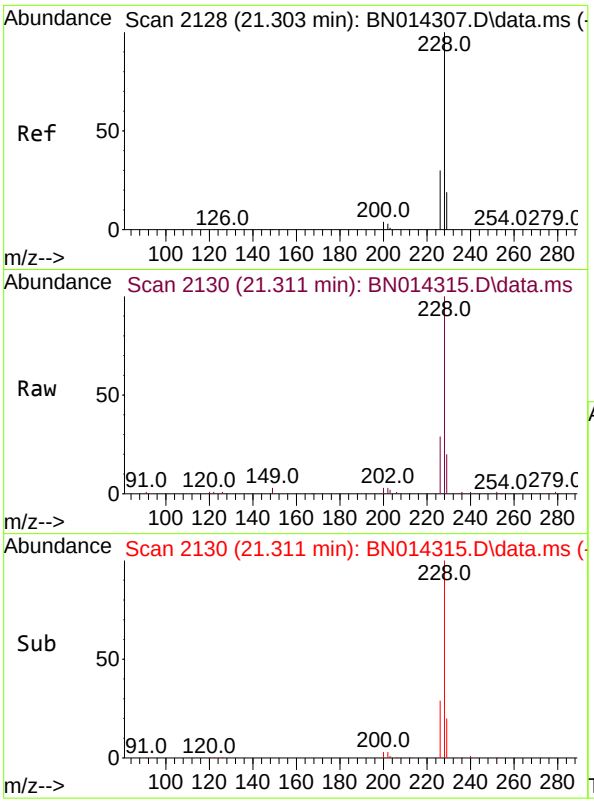
#32
Benzo(a)anthracene
Concen: 0.43 ng
RT: 21.258 min Scan# 2125
Delta R.T. 0.008 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:228 Resp: 30379

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	20.1	15.7	23.5



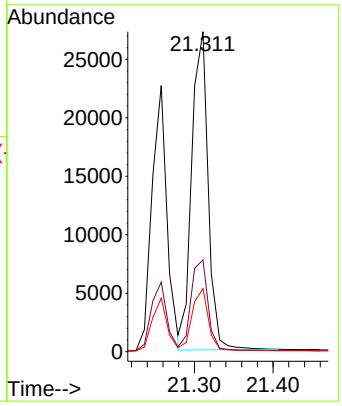
Instrument :
BNA_N
ClientSampleId :
PB135776BS

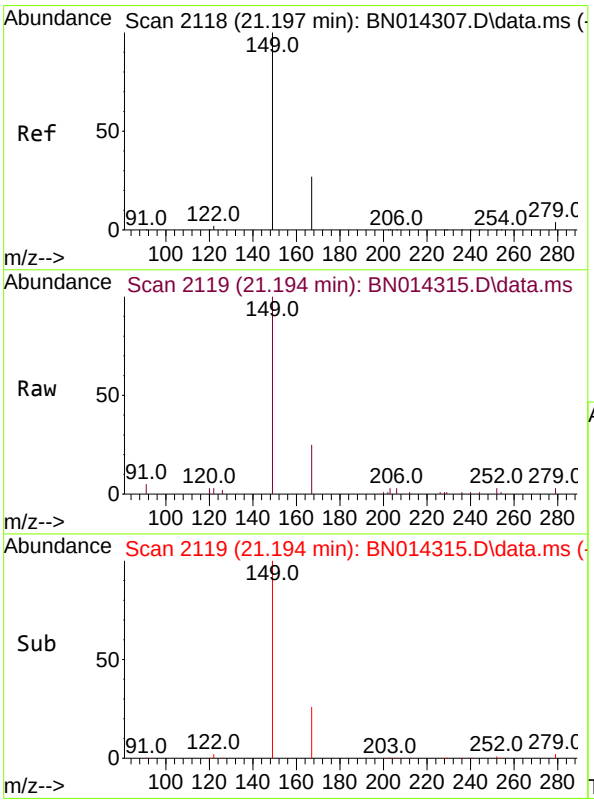


#33
Chrysene
Concen: 0.47 ng
RT: 21.311 min Scan# 2130
Delta R.T. 0.008 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:228 Resp: 39464

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.6
229	19.7	15.6	23.4

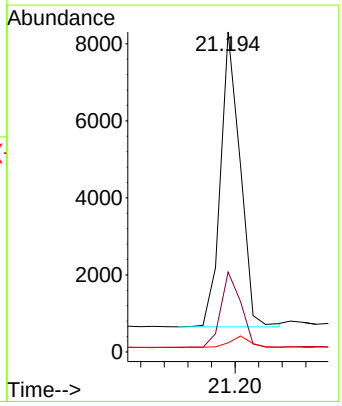


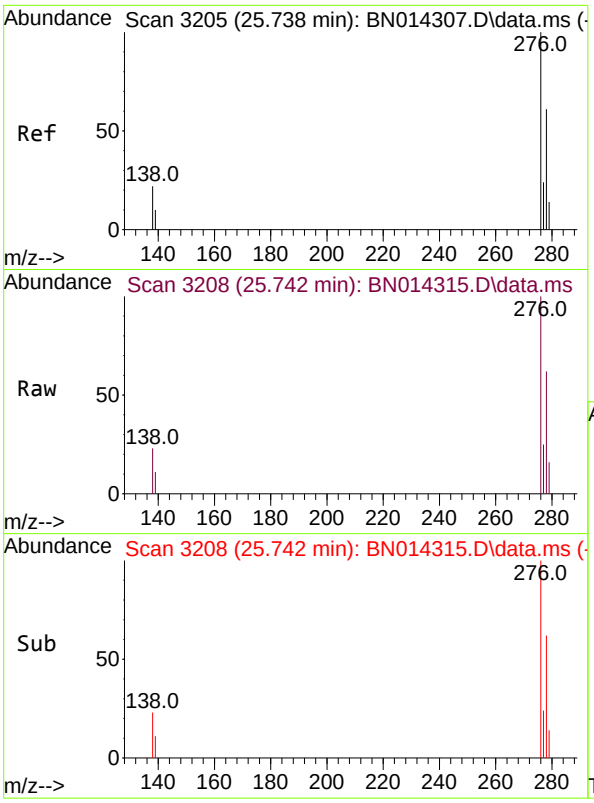


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.194 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:149 Resp: 8811

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	4.4	3.3	4.9

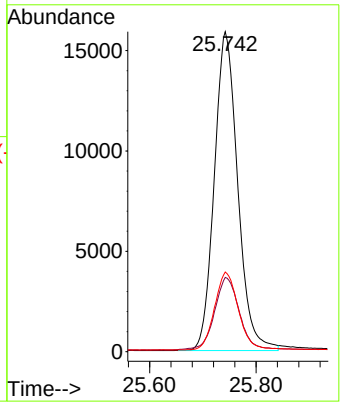




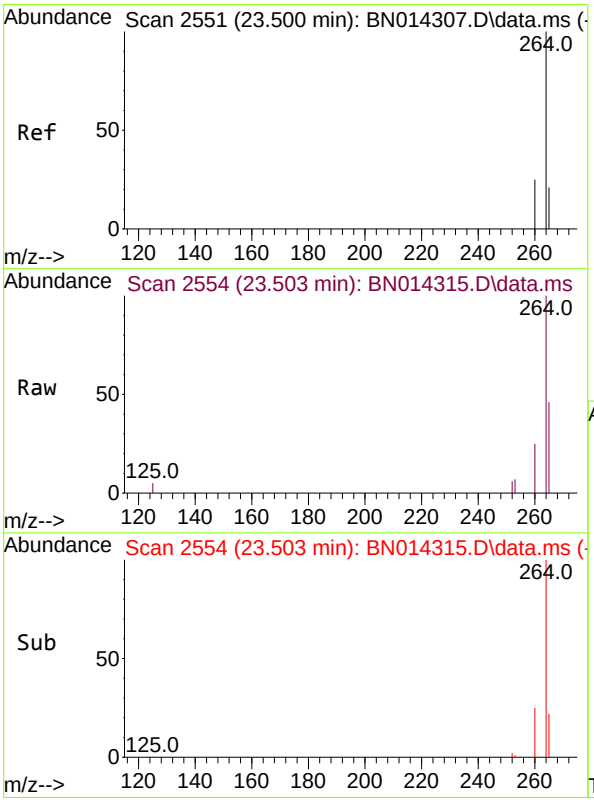
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.48 ng
RT: 25.742 min Scan# 3208
Delta R.T. 0.004 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:276 Resp: 48466

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.3	27.5
277	24.7	19.9	29.9



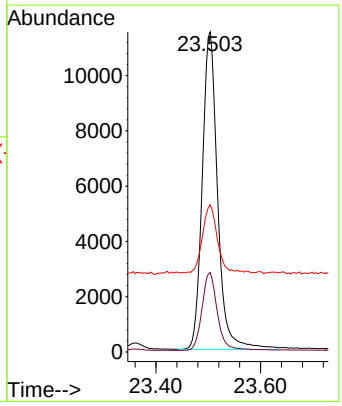
Instrument :
BNA_N
ClientSampleId :
PB135776BS



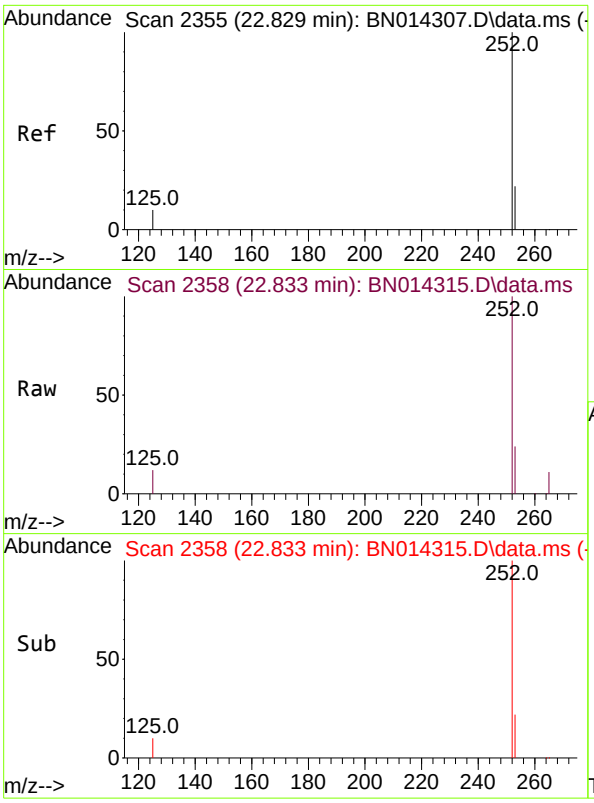
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.503 min Scan# 2554
Delta R.T. 0.004 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:264 Resp: 23416

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	46.0	37.8	56.8



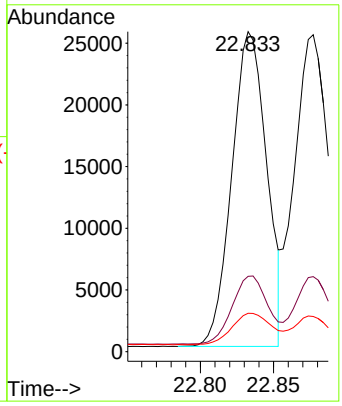
Instrument :
BNA_N
ClientSampleId :
PB135776BS

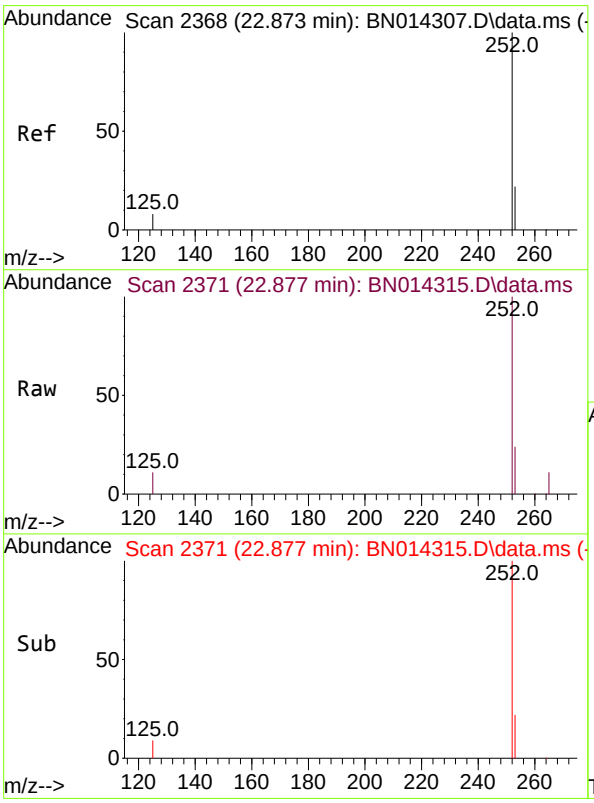


#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 22.833 min Scan# 2358
Delta R.T. 0.004 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:252 Resp: 42144

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	12.0	9.3	13.9

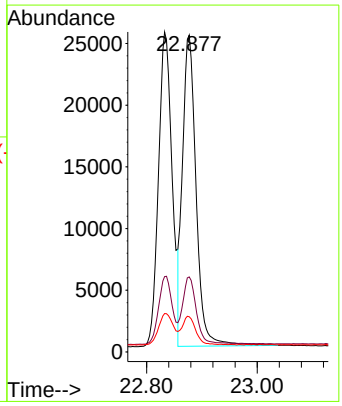




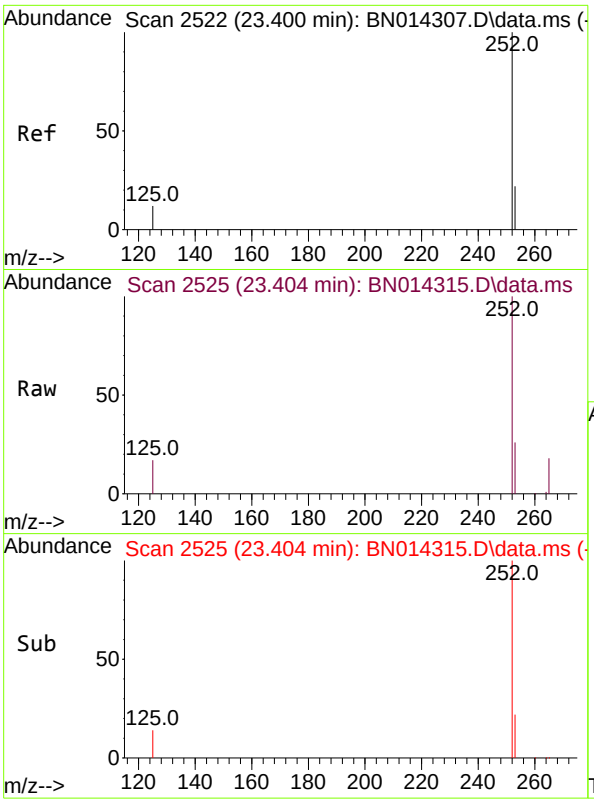
#38
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 22.877 min Scan# 2371
Delta R.T. 0.004 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:252 Resp: 43090

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.1	28.7
125	11.1	9.1	13.7



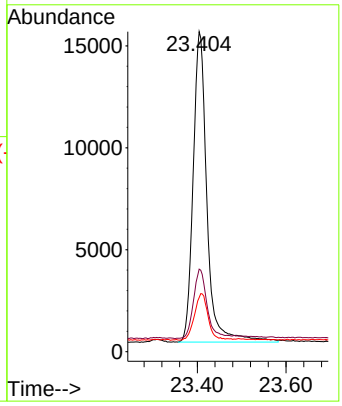
Instrument :
BNA_N
ClientSampleId :
PB135776BS

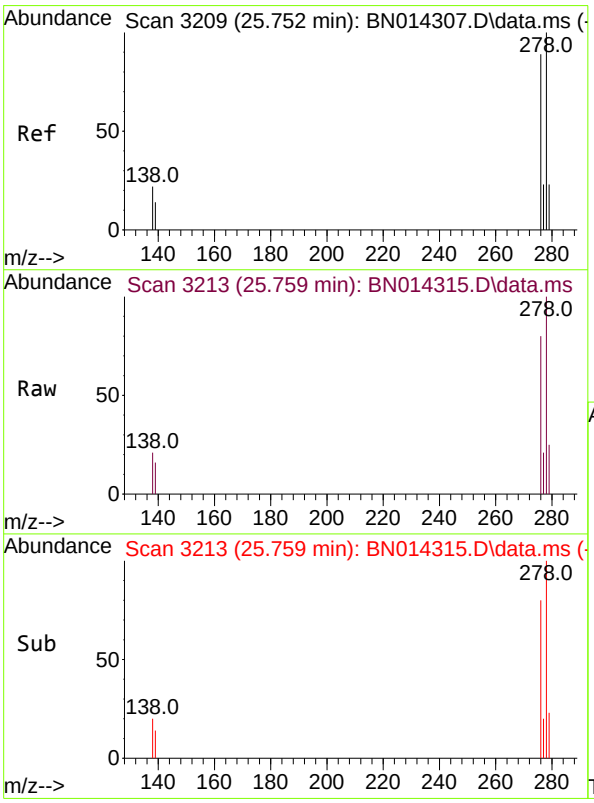


#39
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.404 min Scan# 2525
Delta R.T. 0.004 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:252 Resp: 32782

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.2	30.2
125	16.9	12.4	18.6

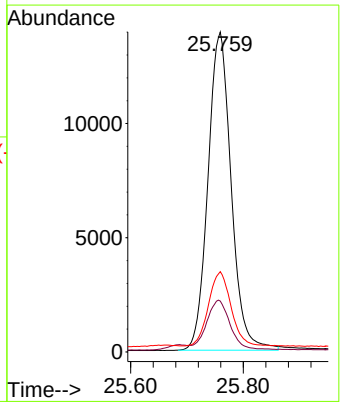


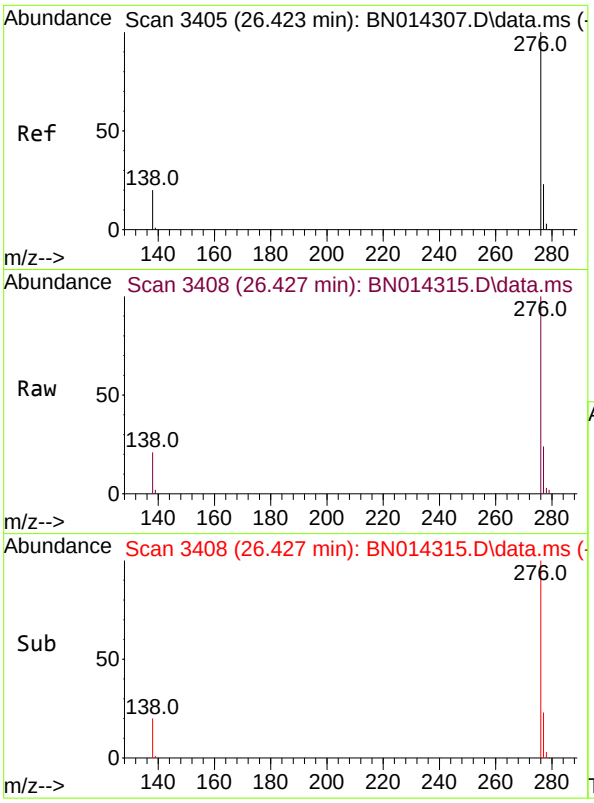


#40
Dibenzo(a,h)anthracene
Concen: 0.45 ng
RT: 25.759 min Scan# 3213
Delta R.T. 0.007 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:278 Resp: 39804

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	25.1	20.0	30.0

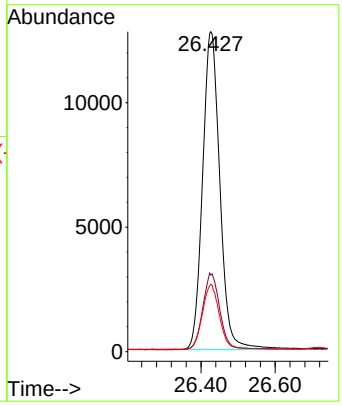




#41
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.427 min Scan# 3408
Delta R.T. 0.004 min
Lab File: BN014315.D
Acq: 16 Apr 2021 18:24

Tgt Ion:276 Resp: 41353

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.1	16.6	24.8



Instrument :
BNA_N
ClientSampleId :
PB135776BS