Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
Data File : BN014794.D
Acq On : 27 May 2021 16:16
Operator : CG/JU
Sample : PB136418BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136418BSD

Quant Time: May 27 16:46:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration

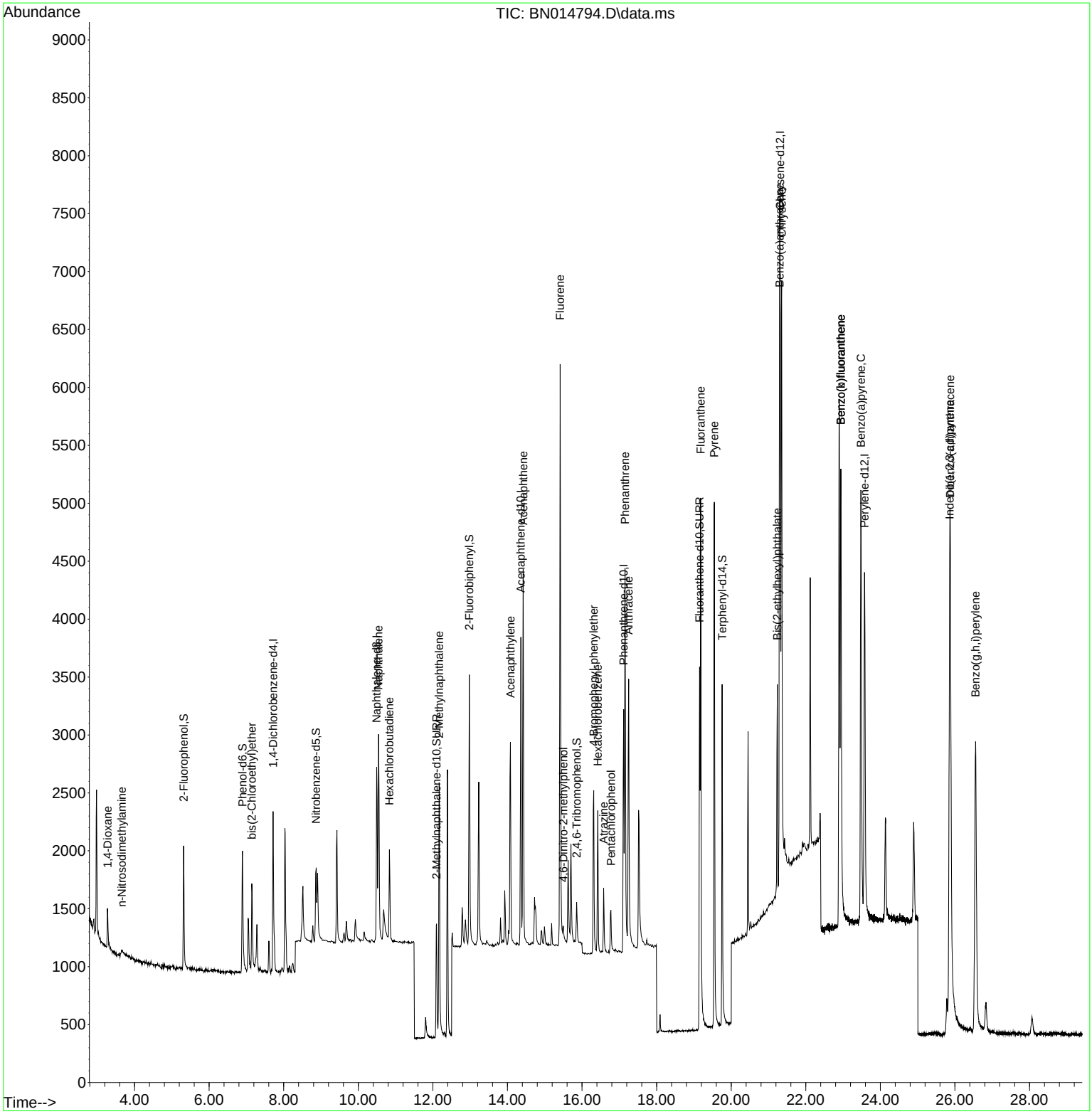
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	646	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2279	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1542	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3468	0.40	ng		0.00
29) Chrysene-d12	21.311	240	4283	0.40	ng		#-0.01
35) Perylene-d12	23.575	264	4500	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	914	0.53	ng		0.00
5) Phenol-d6	6.895	99	1164	0.49	ng		0.00
8) Nitrobenzene-d5	8.870	82	788	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	1571	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	364	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	2224	0.39	ng		-0.01
27) Fluoranthene-d10	19.151	212	4410	0.32	ng		0.00
31) Terphenyl-d14	19.756	244	3842	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	369	0.49	ng	#	89
3) n-Nitrosodimethylamine	3.658	42	54	0.37	ng	#	70
6) bis(2-Chloroethyl)ether	7.145	93	740	0.37	ng		97
9) Naphthalene	10.543	128	2492	0.38	ng		95
10) Hexachlorobutadiene	10.834	225	663	0.39	ng	#	97
12) 2-Methylnaphthalene	12.169	142	1690	0.35	ng		99
16) Acenaphthylene	14.080	152	2320	0.38	ng		97
17) Acenaphthene	14.422	154	1650	0.37	ng		99
18) Fluorene	15.412	166	2186	0.34	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	145	0.48	ng	#	75
21) 4-Bromophenyl-phenylether	16.313	248	854	0.36	ng		95
22) Hexachlorobenzene	16.422	284	1000	0.38	ng		99
23) Atrazine	16.580	200	526	0.34	ng		96
24) Pentachlorophenol	16.775	266	264	0.47	ng	#	84
25) Phenanthrene	17.152	178	3684	0.35	ng		99
26) Anthracene	17.250	178	3067	0.35	ng		97
28) Fluoranthene	19.181	202	4632	0.32	ng		99
30) Pyrene	19.548	202	4877	0.40	ng		99
32) Benzo(a)anthracene	21.300	228	4762	0.36	ng		98
33) Chrysene	21.353	228	5613	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.237	149	1554	0.42	ng		96
36) Indeno(1,2,3-cd)pyrene	25.859	276	6892	0.37	ng		98
37) Benzo(b)fluoranthene	22.939	252	6346	0.38	ng		95
38) Benzo(k)fluoranthene	22.939	252	6346	0.37	ng		97
39) Benzo(a)pyrene	23.480	252	5609	0.38	ng	#	79
40) Dibenzo(a,h)anthracene	25.876	278	5634	0.37	ng		98
41) Benzo(g,h,i)perylene	26.553	276	6287	0.38	ng		100

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

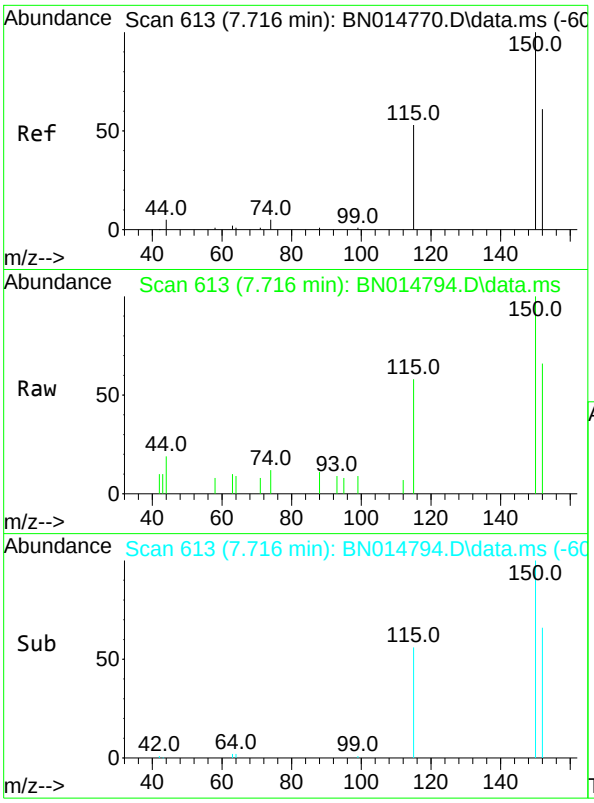
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
Data File : BN014794.D
Acq On : 27 May 2021 16:16
Operator : CG/JU
Sample : PB136418BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136418BSD

Quant Time: May 27 16:46:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration



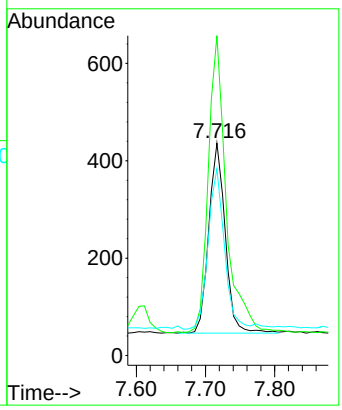
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

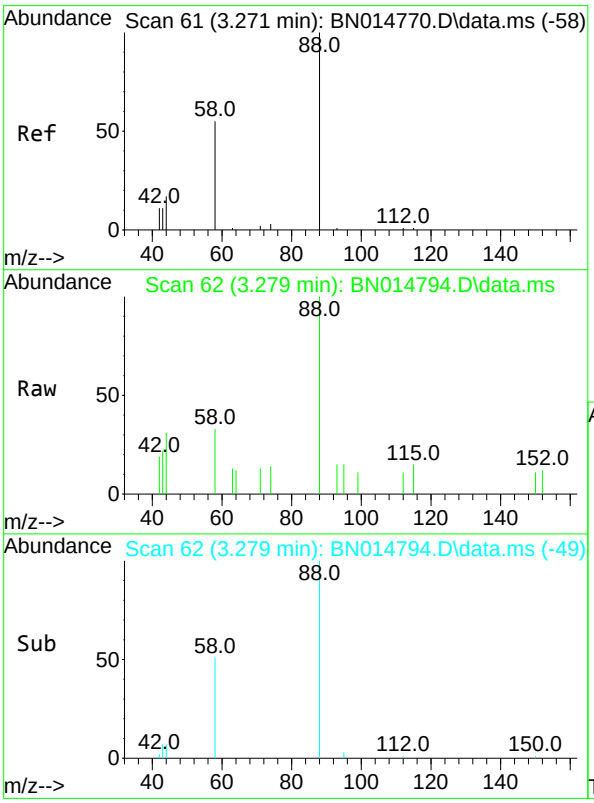


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:152 Resp: 646

Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.4	185.2
115	88.1	73.2	109.8

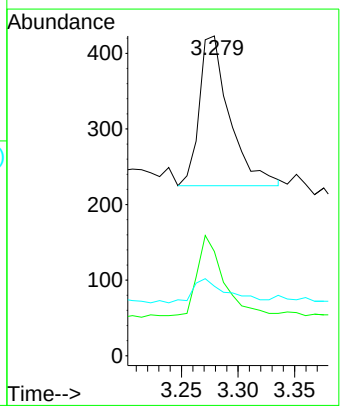




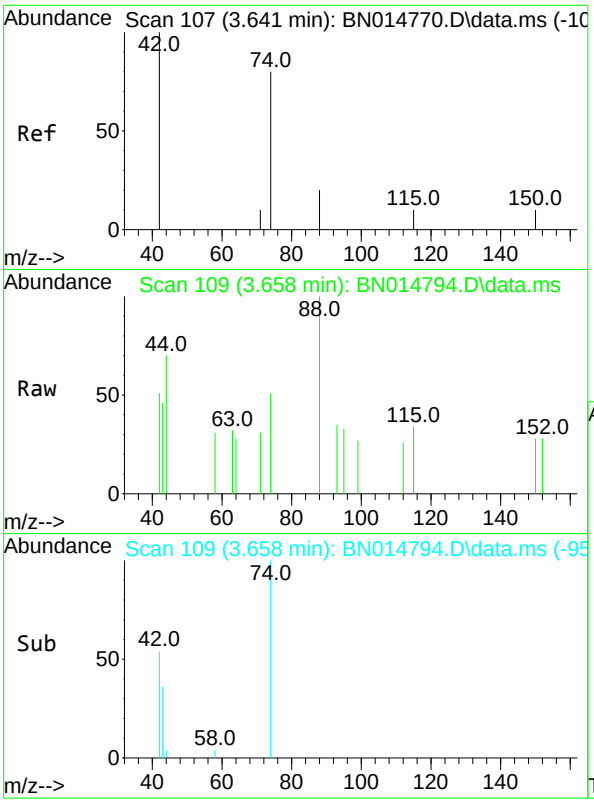
#2
1,4-Dioxane
Concen: 0.49 ng
RT: 3.279 min Scan# 62
Delta R.T. 0.008 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion: 88 Resp: 369

Ion	Ratio	Lower	Upper
88	100		
58	49.6	44.7	67.1
43	18.2	21.0	31.6#



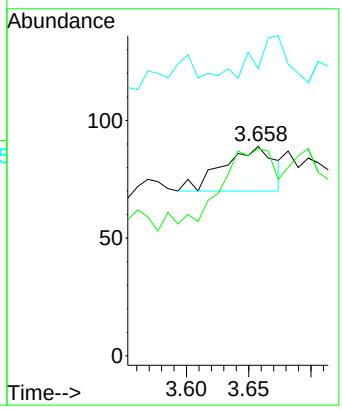
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

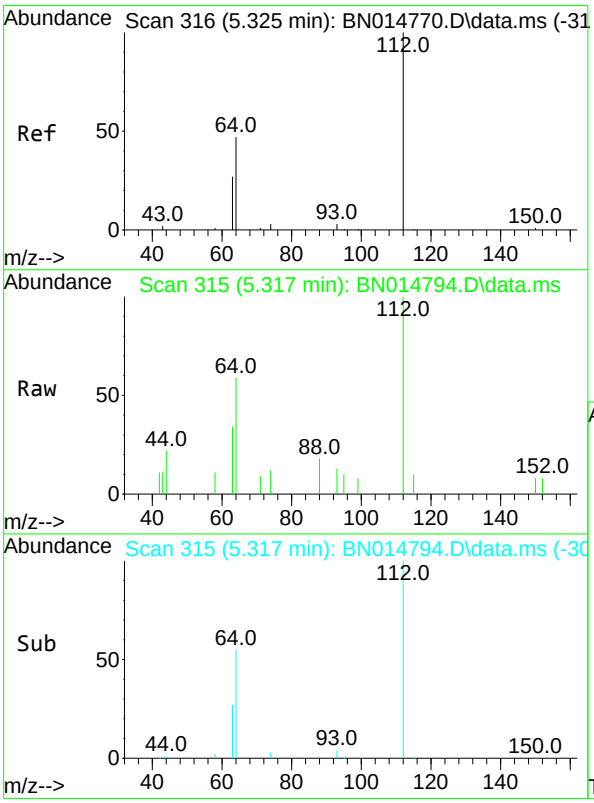


#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.658 min Scan# 109
Delta R.T. 0.017 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	207.4	0.0	0.0#
44	70.4	80.0	120.0#

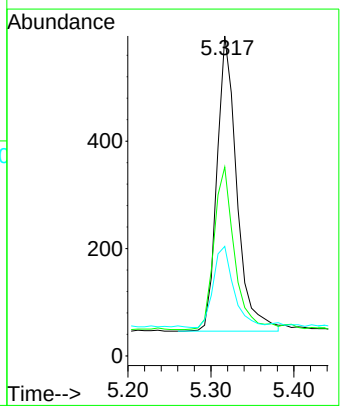




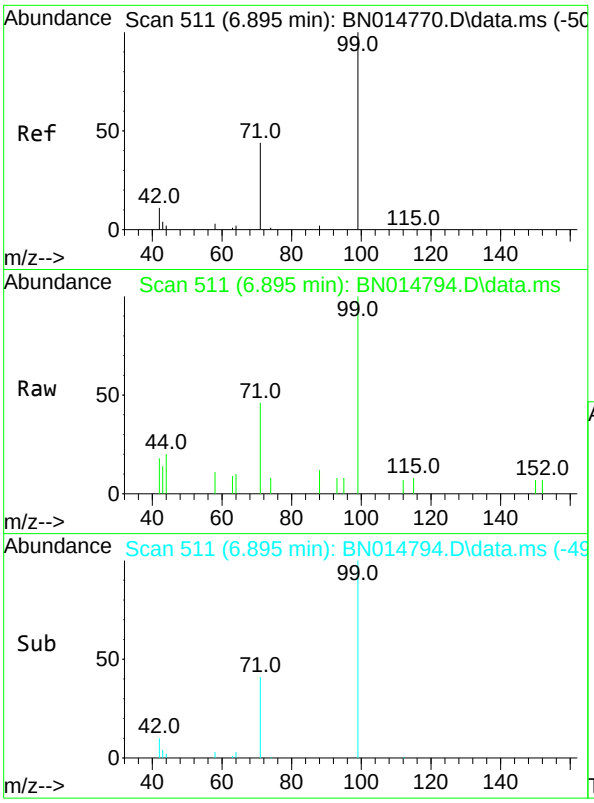
#4
2-Fluorophenol
Concen: 0.53 ng
RT: 5.317 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:112 Resp: 914

Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.6	65.4
63	28.4	25.0	37.6



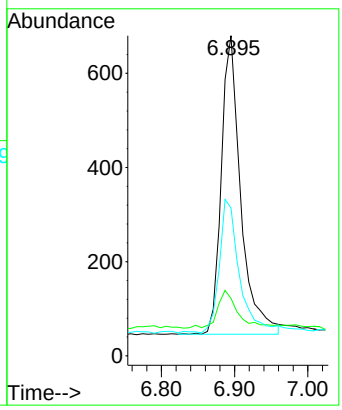
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

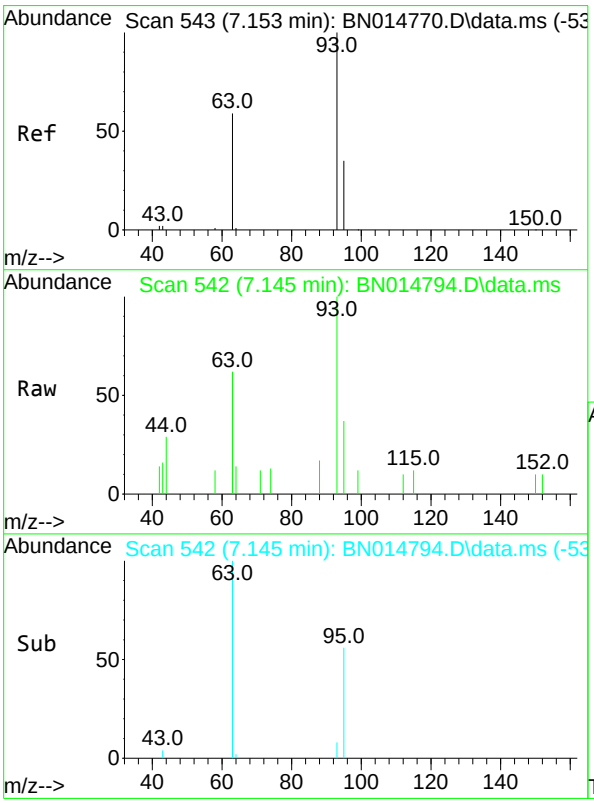


#5
Phenol-d6
Concen: 0.49 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion: 99 Resp: 1164

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.2	15.2
71	44.4	32.4	48.6

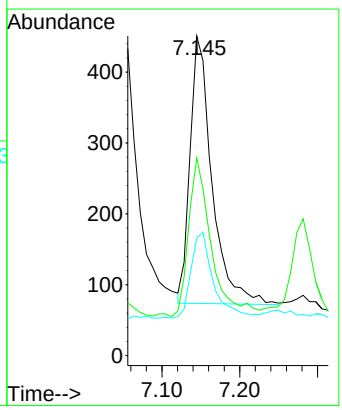




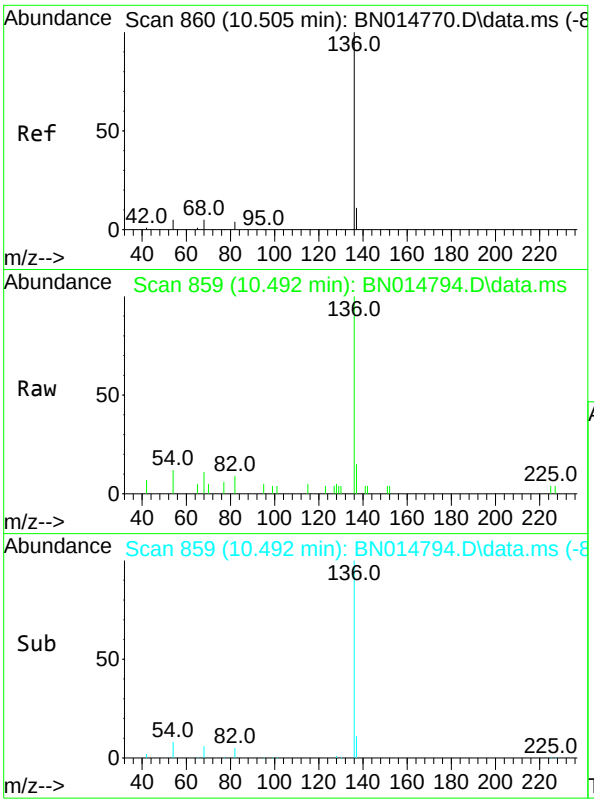
#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.145 min Scan# 542
Delta R.T. -0.008 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion: 93 Resp: 740

Ion	Ratio	Lower	Upper
93	100		
63	60.9	47.5	71.3
95	32.7	28.5	42.7



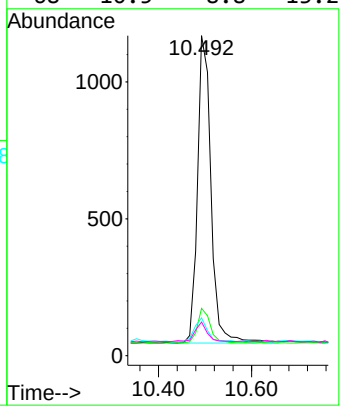
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

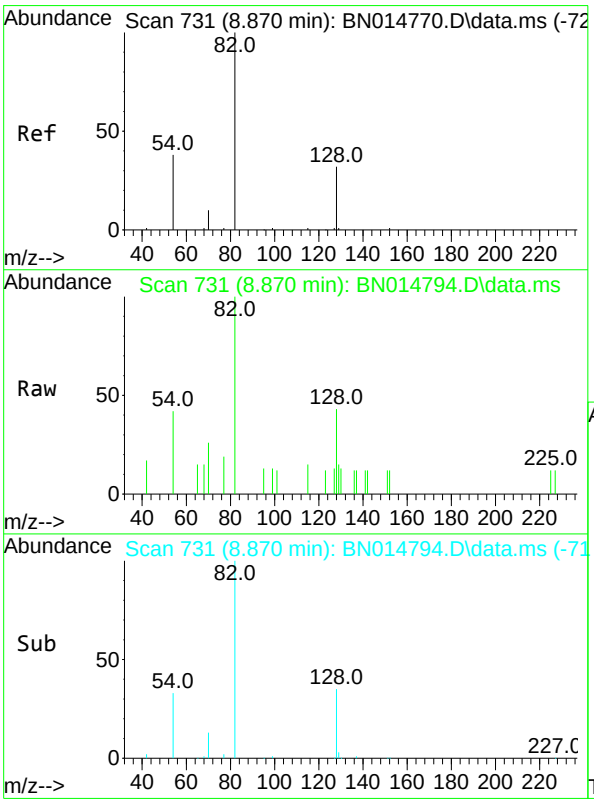


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:136 Resp: 2279

Ion	Ratio	Lower	Upper
136	100		
137	14.8	13.2	19.8
54	11.8	9.0	13.4
68	10.5	8.8	13.2

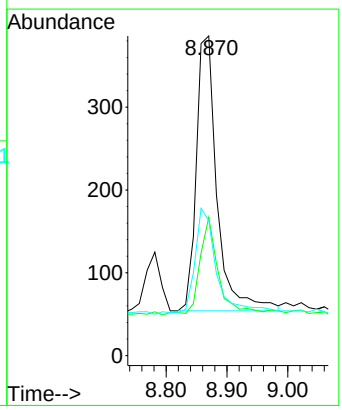




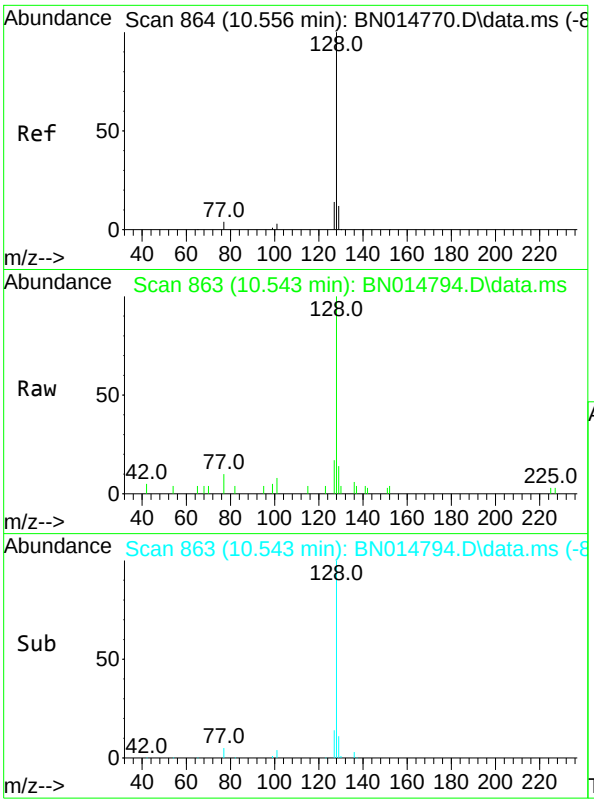
#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion: 82 Resp: 788

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	42.2	38.4	57.6



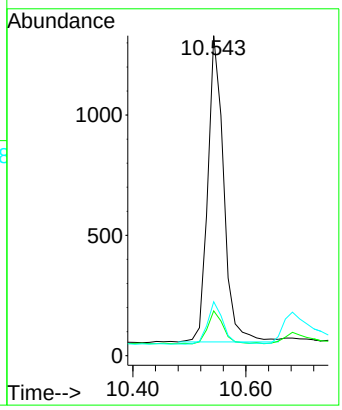
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

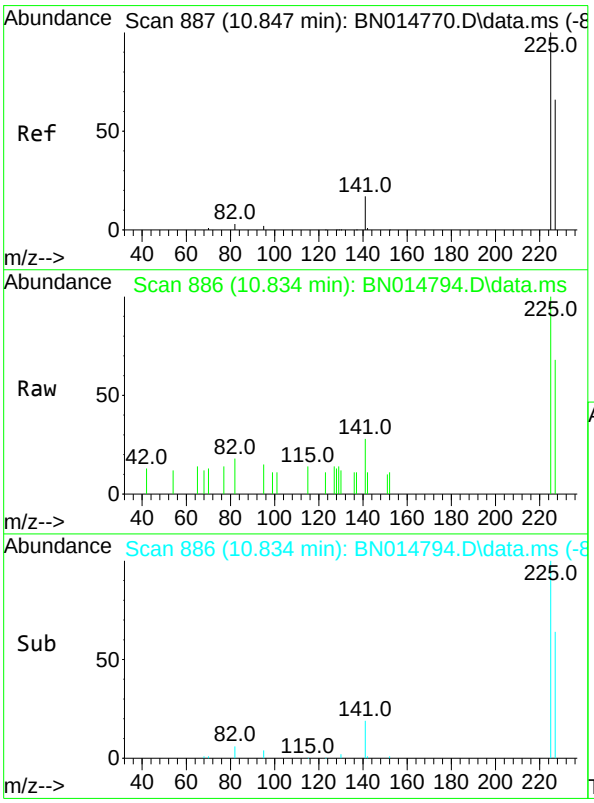


#9
Naphthalene
Concen: 0.38 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:128 Resp: 2492

Ion	Ratio	Lower	Upper
128	100		
129	14.0	13.0	19.4
127	16.8	15.0	22.6

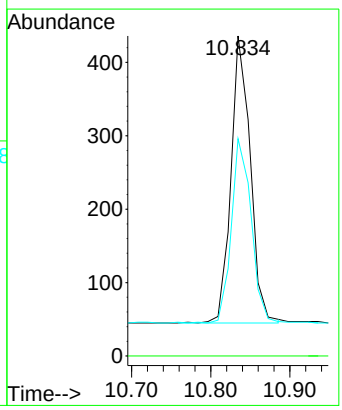




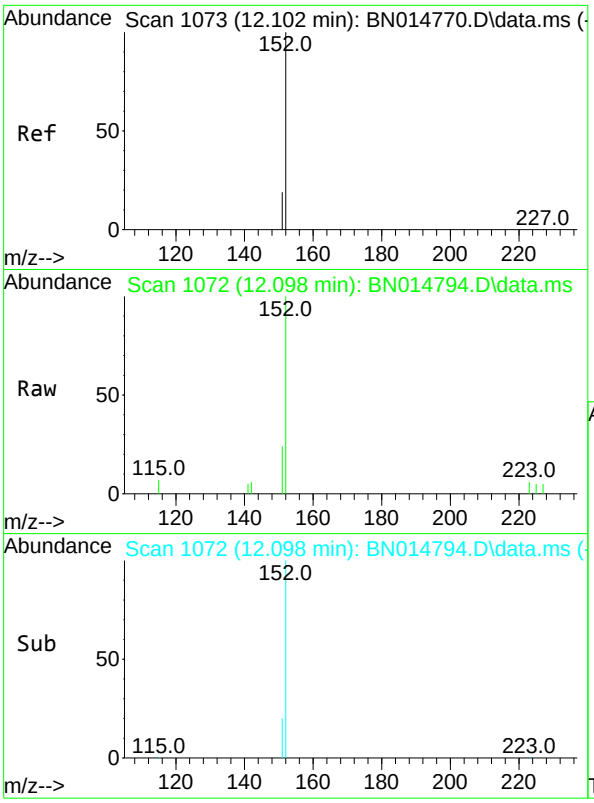
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.834 min Scan# 886
Delta R.T. -0.013 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:225 Resp: 663

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.9	50.8	76.2



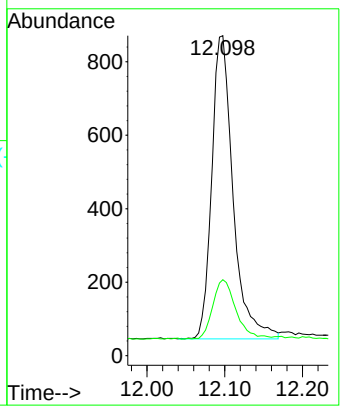
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

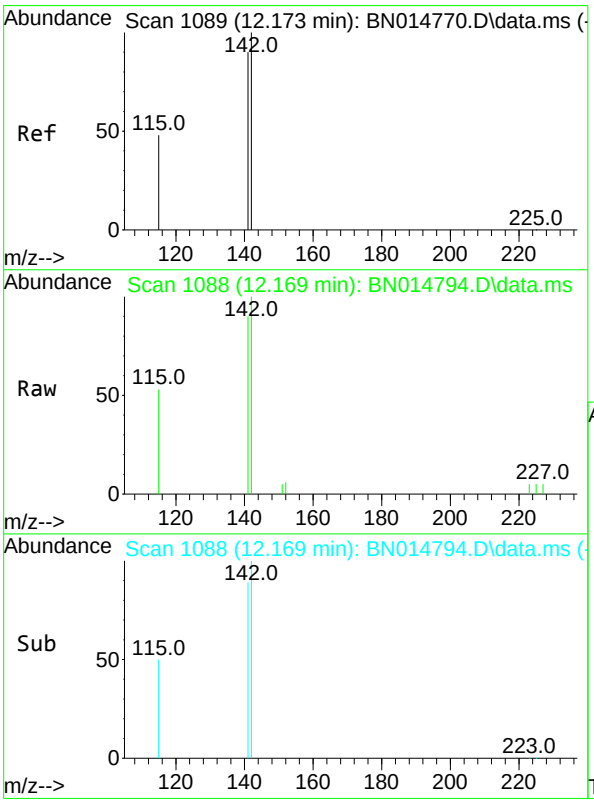


#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.098 min Scan# 1072
Delta R.T. -0.004 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:152 Resp: 1571

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2

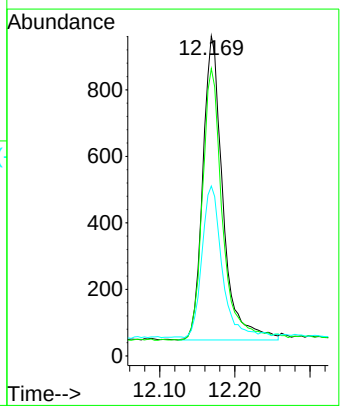




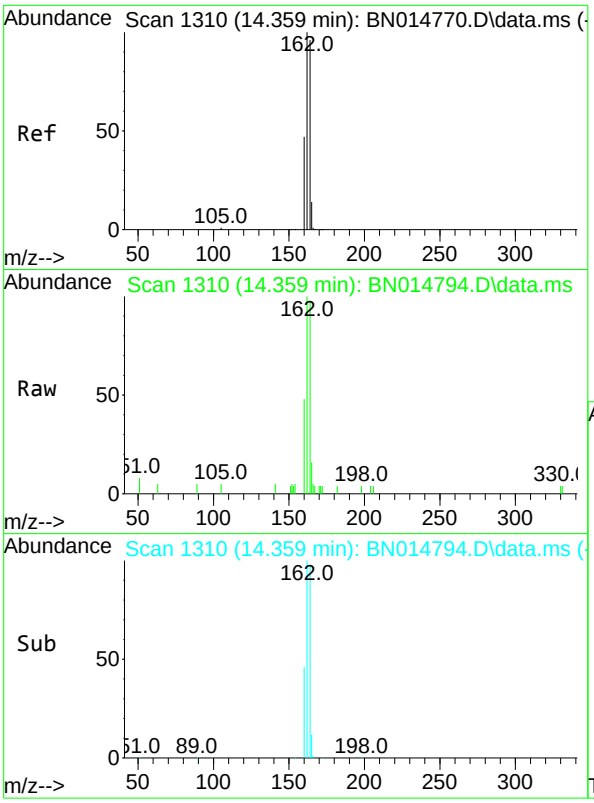
#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.169 min Scan# 1088
Delta R.T. -0.004 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:142 Resp: 1690

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.9	109.3
115	53.1	41.8	62.6



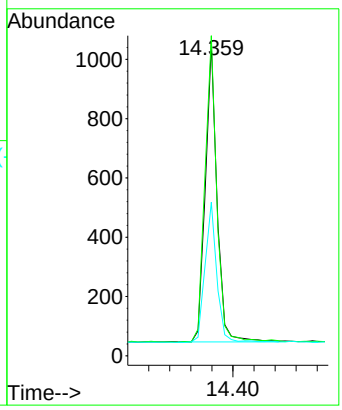
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

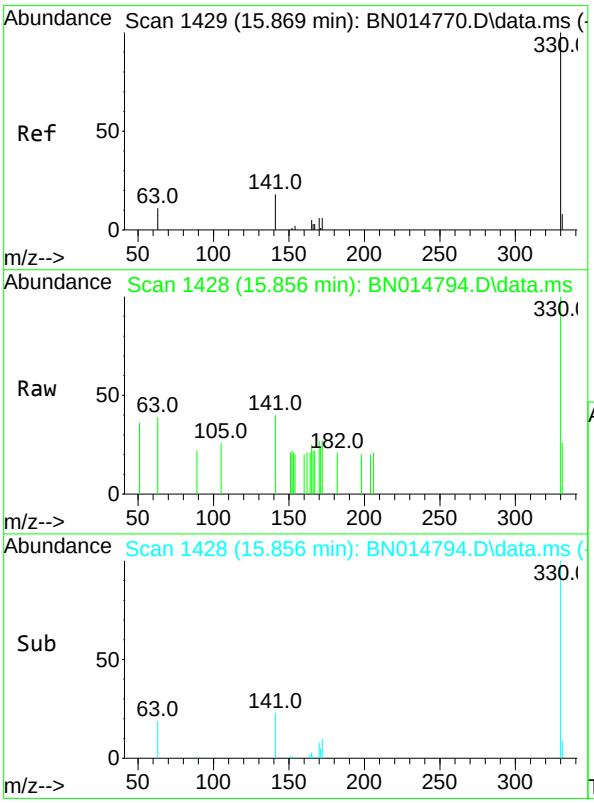


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:164 Resp: 1542

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	49.1	41.8	62.6

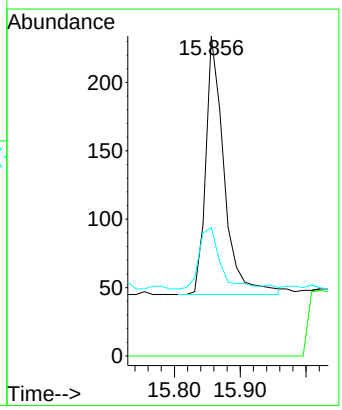




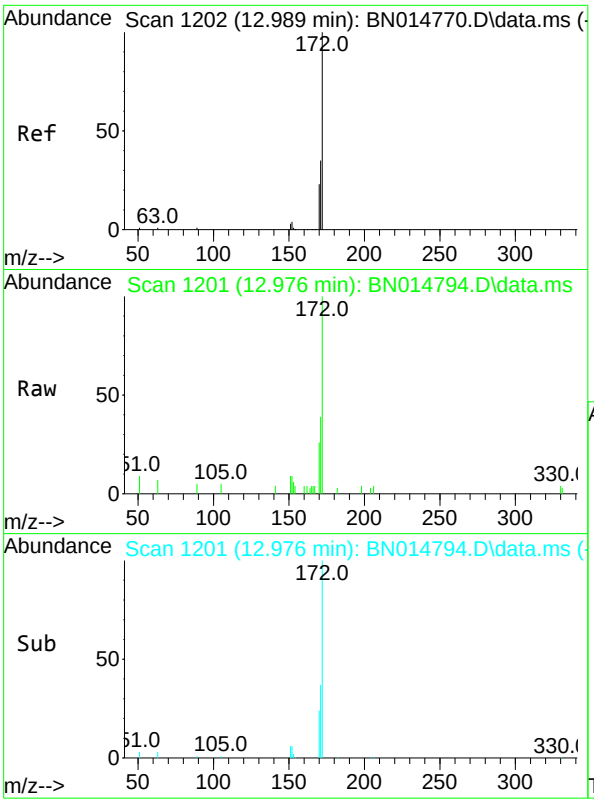
#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:330 Resp: 364

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.5	21.8	32.6



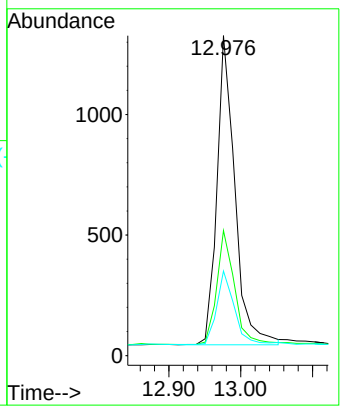
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

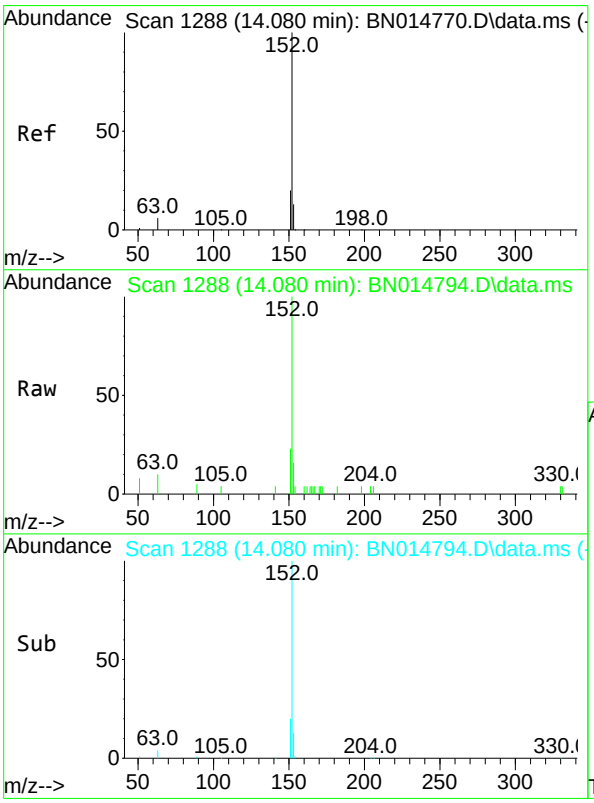


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:172 Resp: 2224

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.9	46.3
170	26.5	21.4	32.0

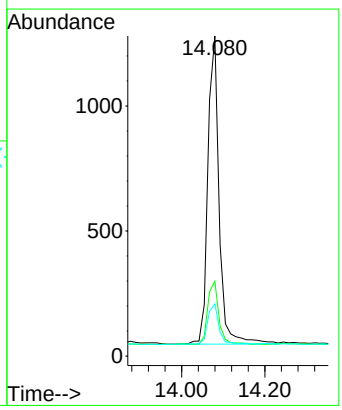




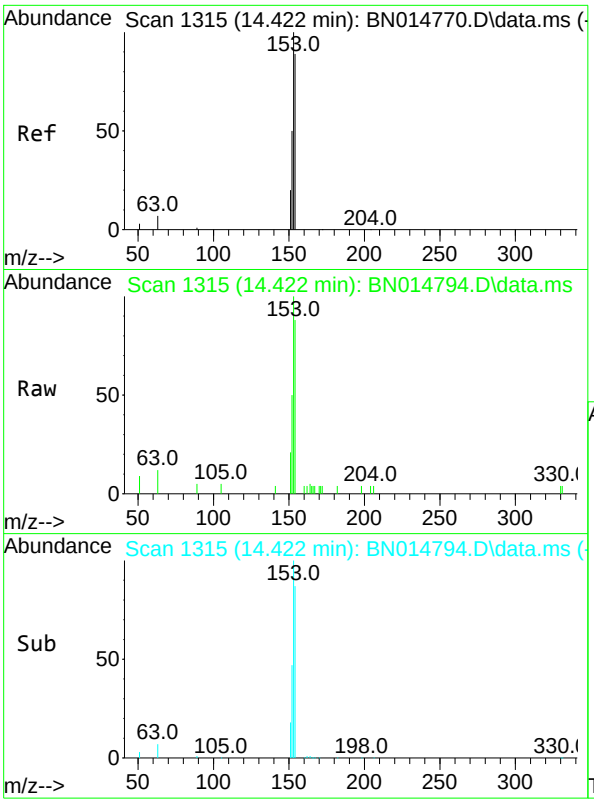
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:152 Resp: 2320

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	13.8	9.9	14.9



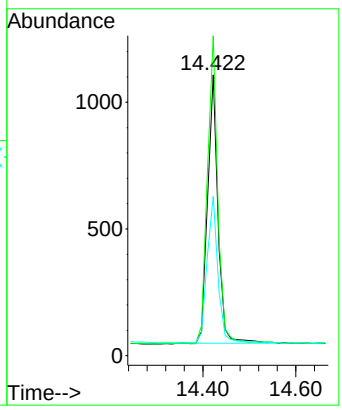
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

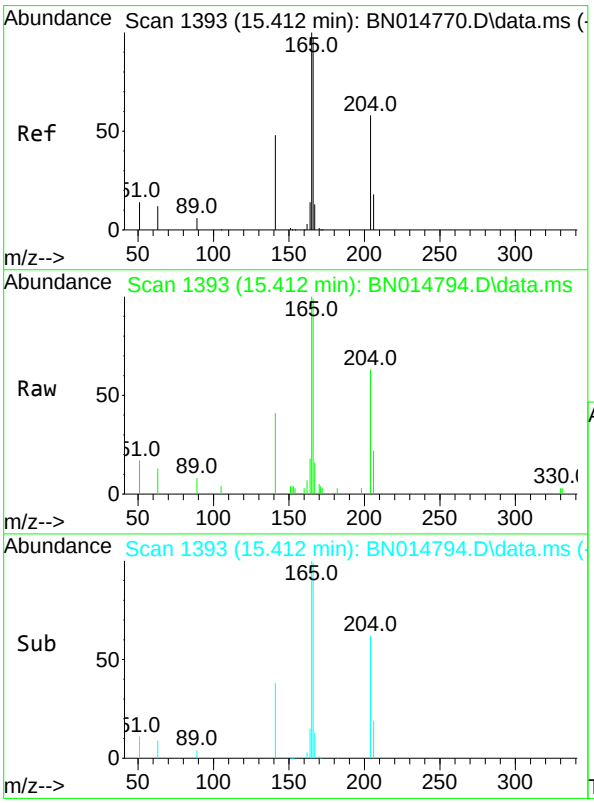


#17
Acenaphthene
Concen: 0.37 ng
RT: 14.422 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:154 Resp: 1650

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.8	137.8
152	57.9	46.0	69.0

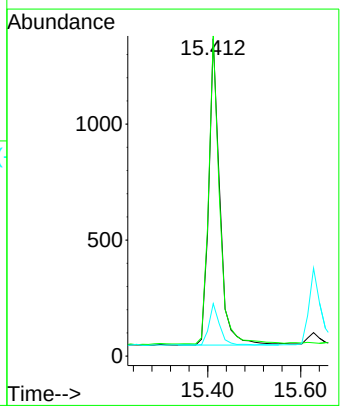




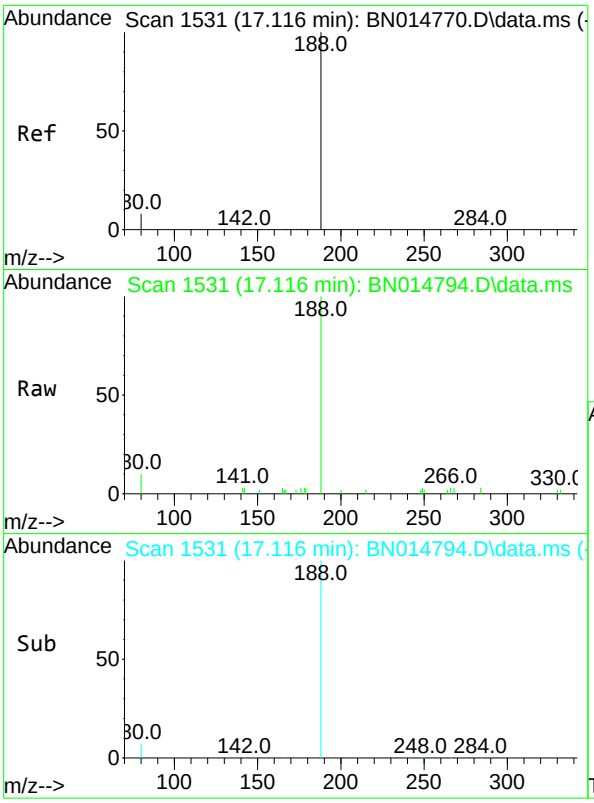
#18
Fluorene
Concen: 0.34 ng
RT: 15.412 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:166 Resp: 2186

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.9	119.9
167	12.9	10.5	15.7



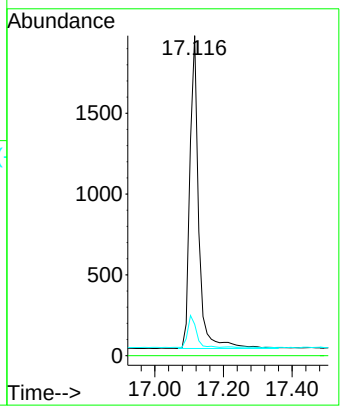
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

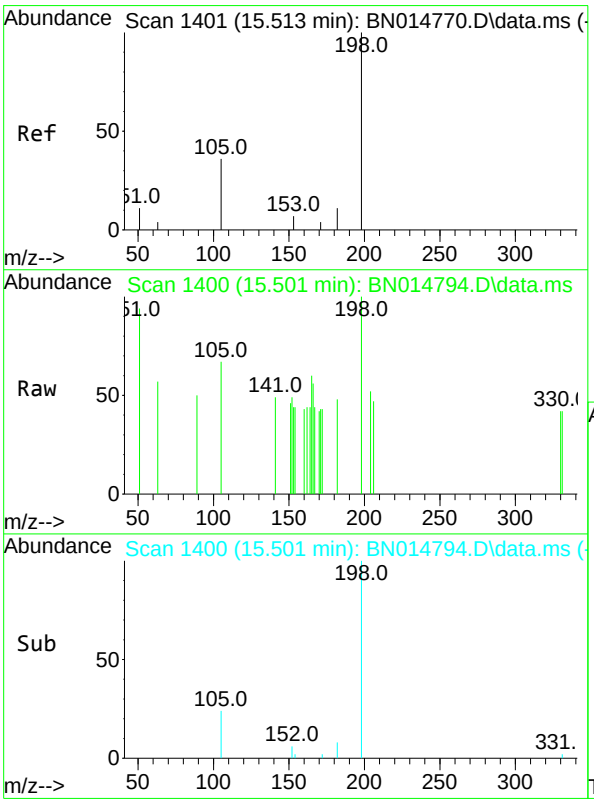


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:188 Resp: 3468

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	8.2	12.4

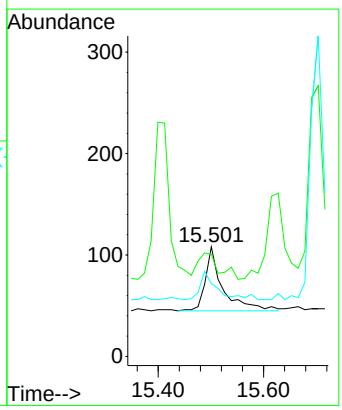


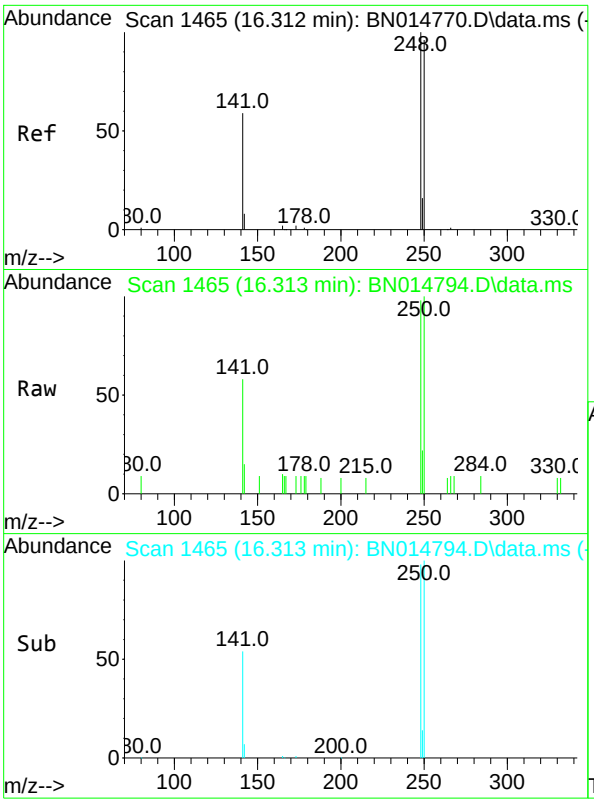


#20
4,6-Dinitro-2-methylphenol
Concen: 0.48 ng
RT: 15.501 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:198 Resp: 145

Ion	Ratio	Lower	Upper
198	100		
51	93.5	96.4	144.6#
105	66.7	72.3	108.5#

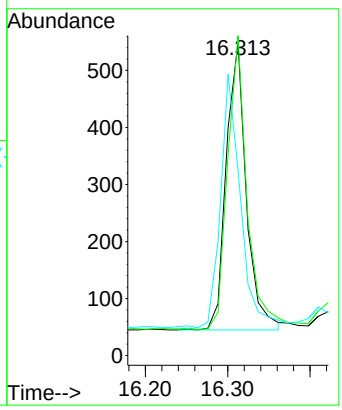




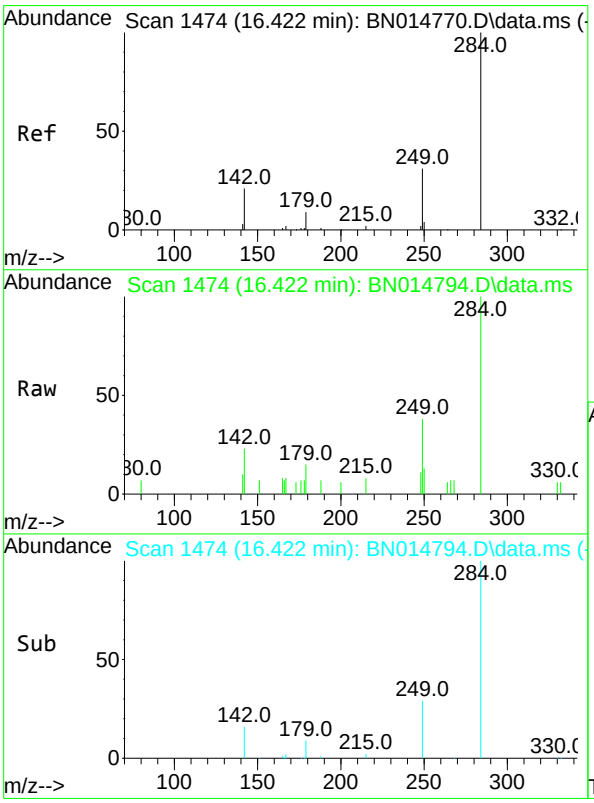
#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.313 min Scan# 1465
Delta R.T. 0.001 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:248 Resp: 854

Ion	Ratio	Lower	Upper
248	100		
250	102.0	77.5	116.3
141	59.3	50.2	75.4



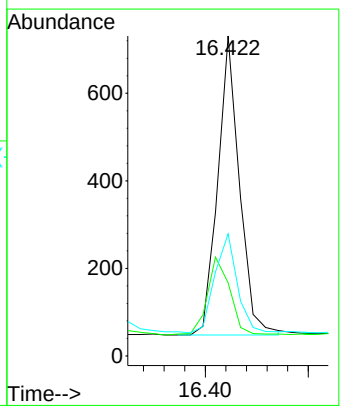
Instrument :
BNA_N
ClientSampleId :
PB136418BSD



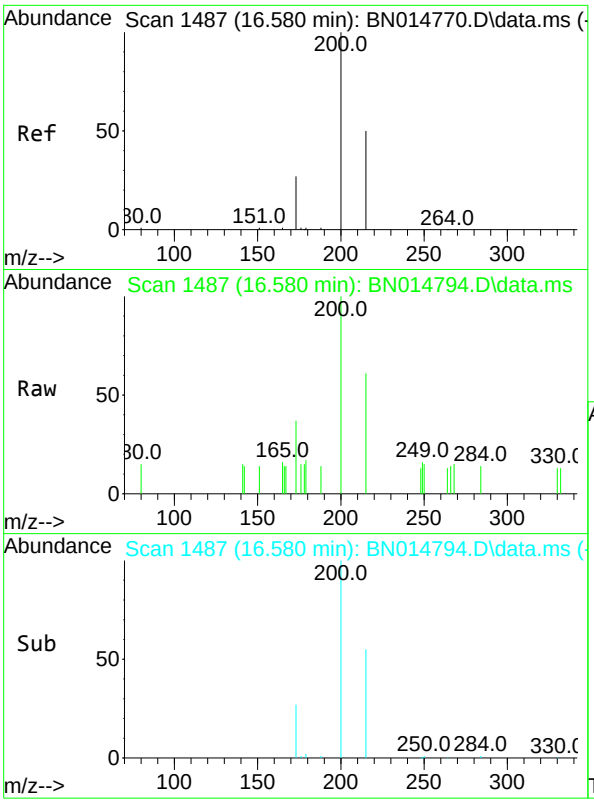
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.422 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:284 Resp: 1000

Ion	Ratio	Lower	Upper
284	100		
142	27.0	20.3	30.5
249	33.0	26.4	39.6



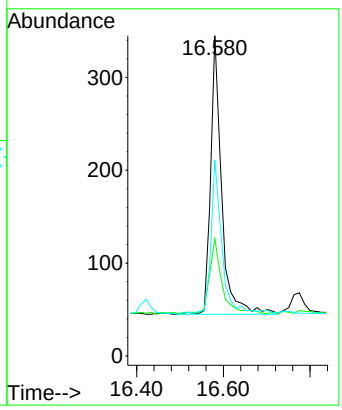
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

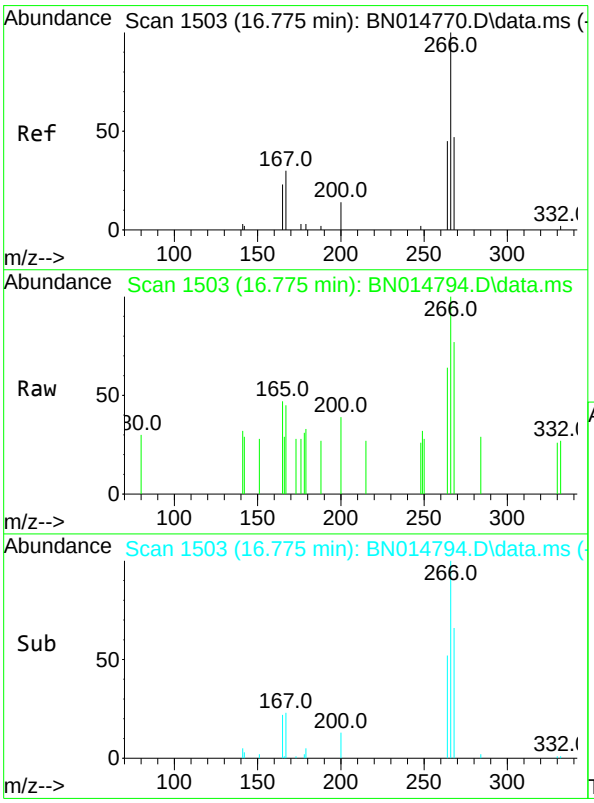


#23
Atrazine
Concen: 0.34 ng
RT: 16.580 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:200 Resp: 526

Ion	Ratio	Lower	Upper
200	100		
173	36.5	29.1	43.7
215	61.2	45.1	67.7

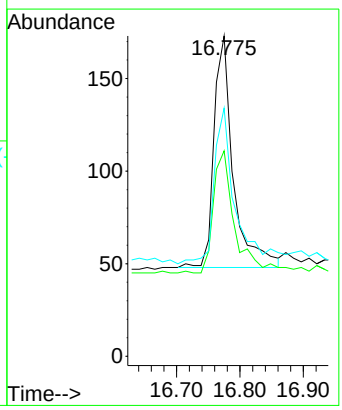




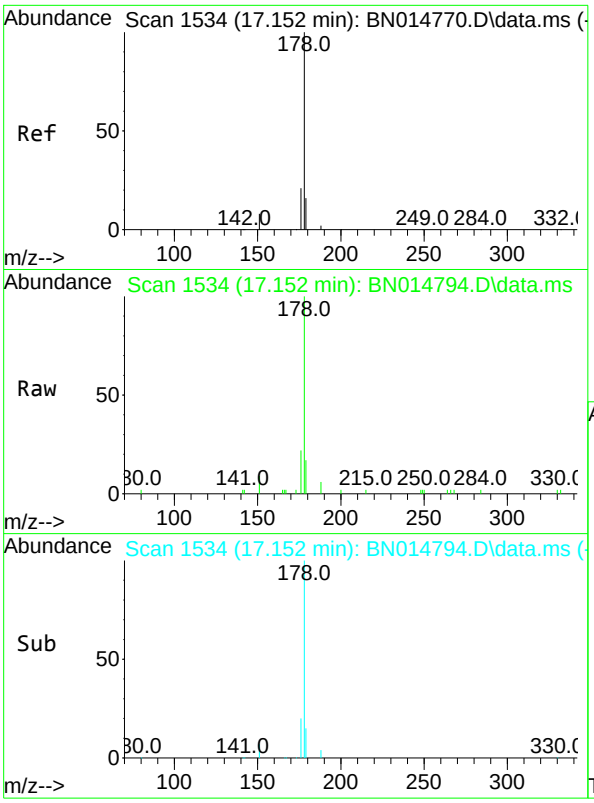
#24
Pentachlorophenol
Concen: 0.47 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:266 Resp: 264

Ion	Ratio	Lower	Upper
266	100		
264	59.1	44.2	66.2
268	73.9	44.2	66.2#



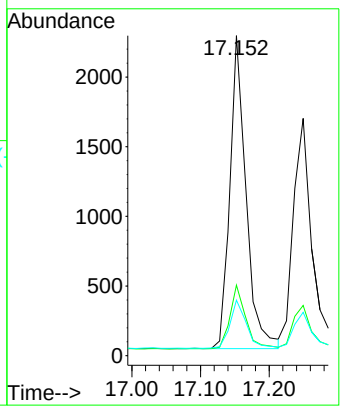
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

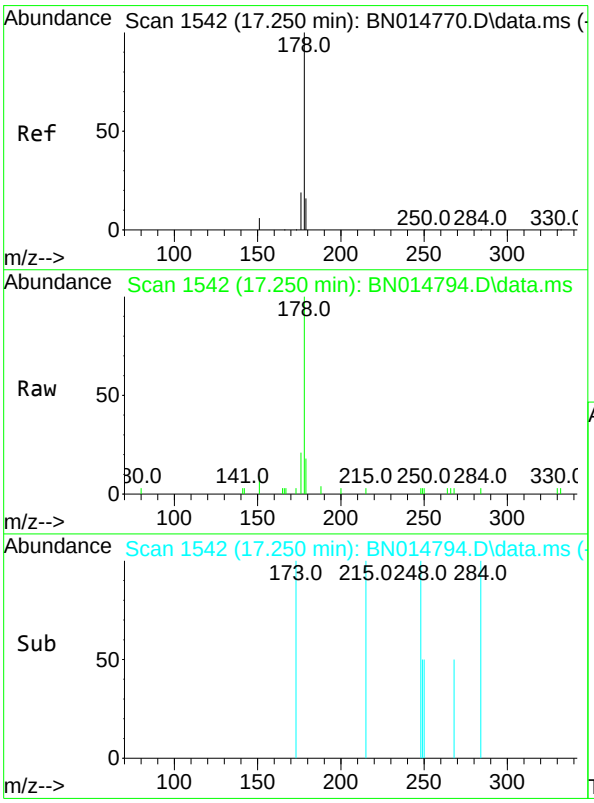


#25
Phenanthrene
Concen: 0.35 ng
RT: 17.152 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:178 Resp: 3684

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.6	12.6	19.0

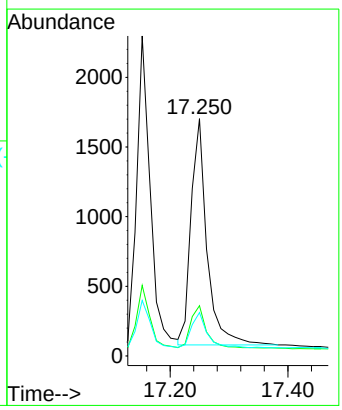




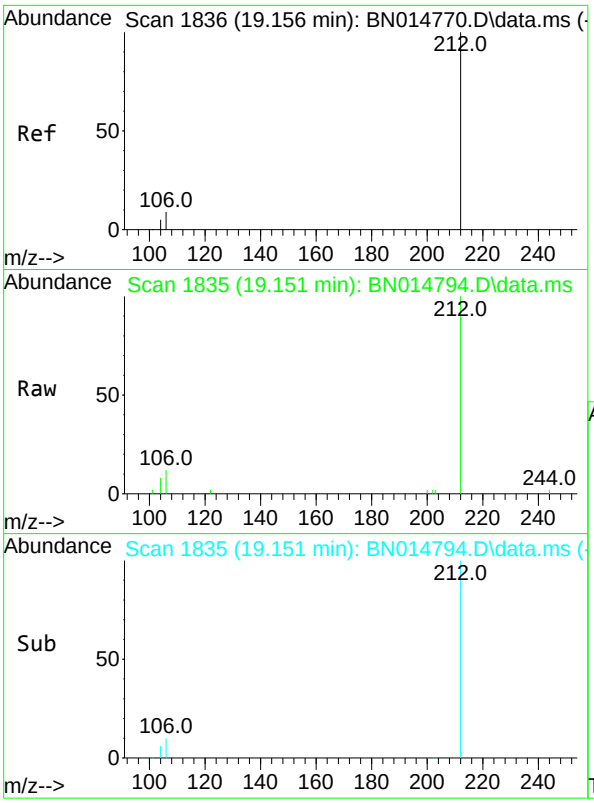
#26
Anthracene
Concen: 0.35 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:178 Resp: 3067

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.2	21.2
179	15.3	13.7	20.5



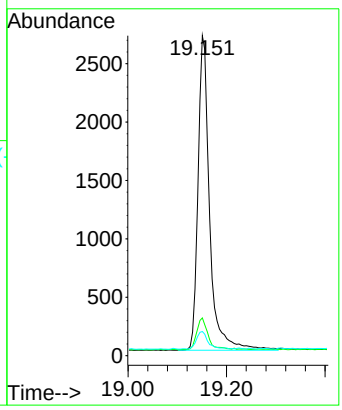
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

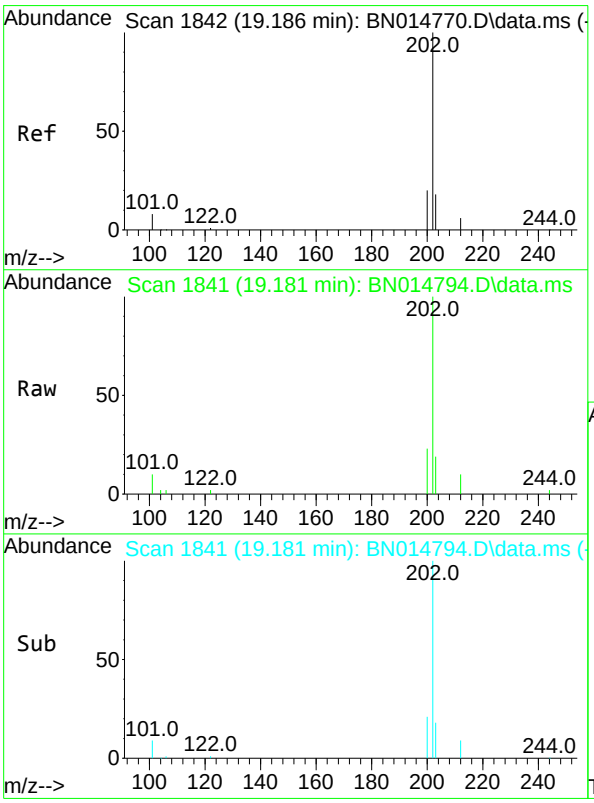


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:212 Resp: 4410

Ion	Ratio	Lower	Upper
212	100		
106	9.9	7.4	11.2
104	5.7	4.1	6.1

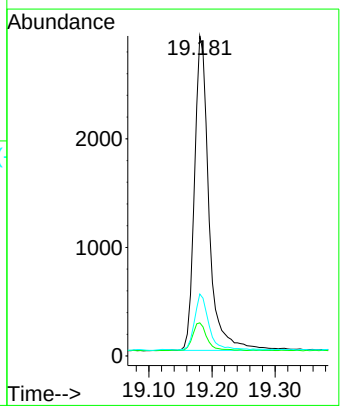




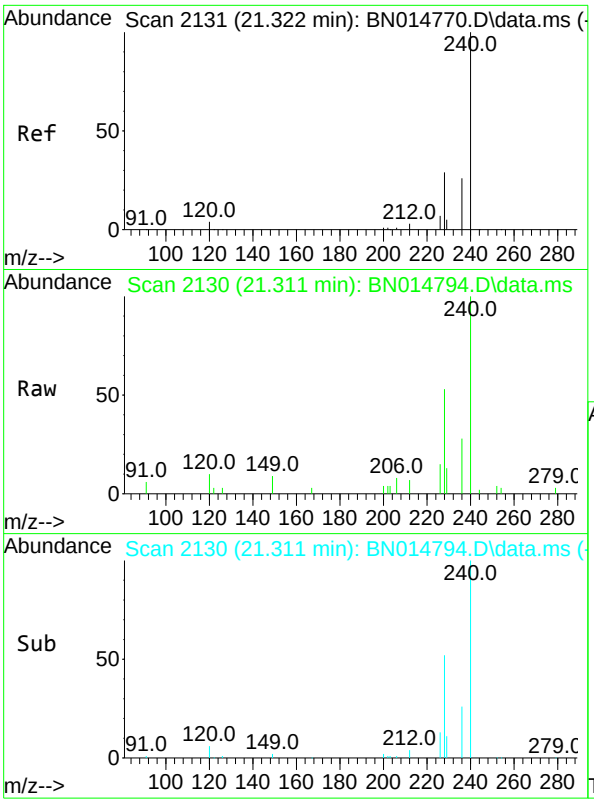
#28
Fluoranthene
Concen: 0.32 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:202 Resp: 4632

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.6
203	17.4	13.5	20.3



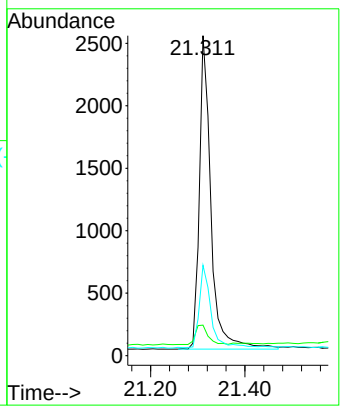
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

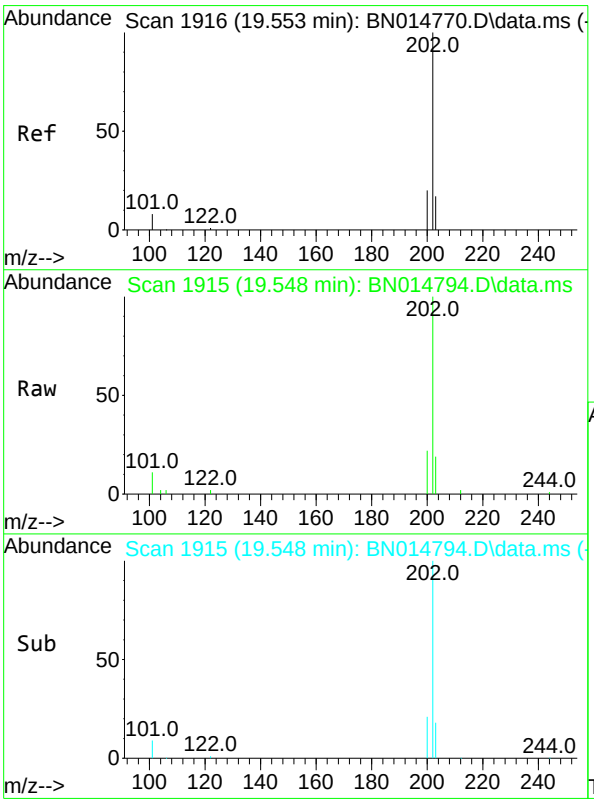


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:240 Resp: 4283

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.2	7.8#
236	28.3	21.6	32.4

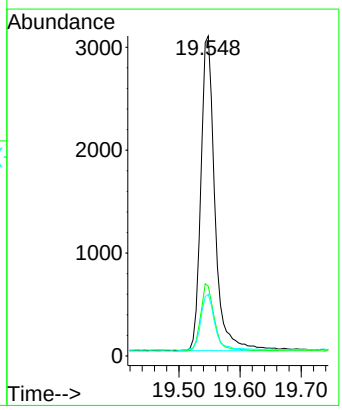




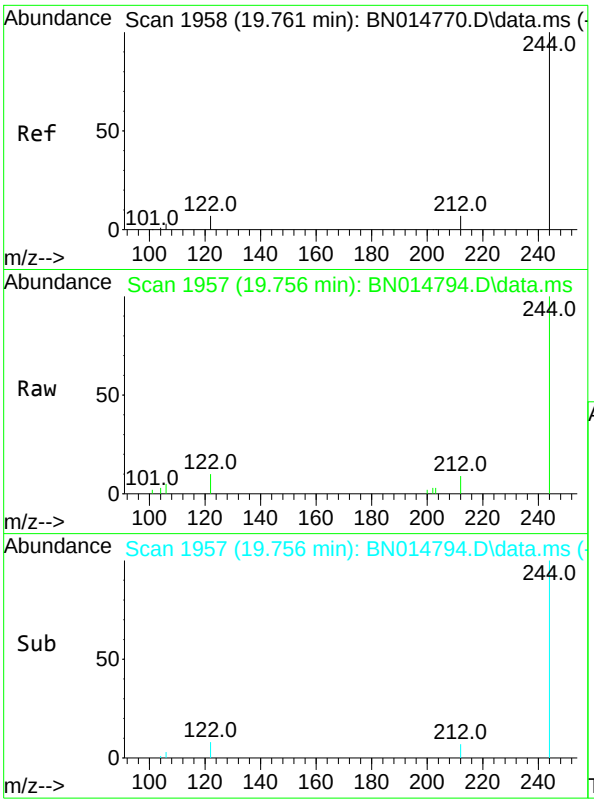
#30
Pyrene
Concen: 0.40 ng
RT: 19.548 min Scan# 1915
Delta R.T. -0.005 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:202 Resp: 4877

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.0	13.9	20.9



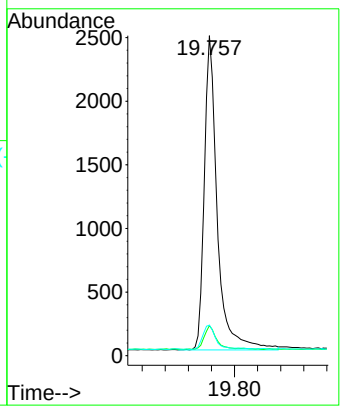
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

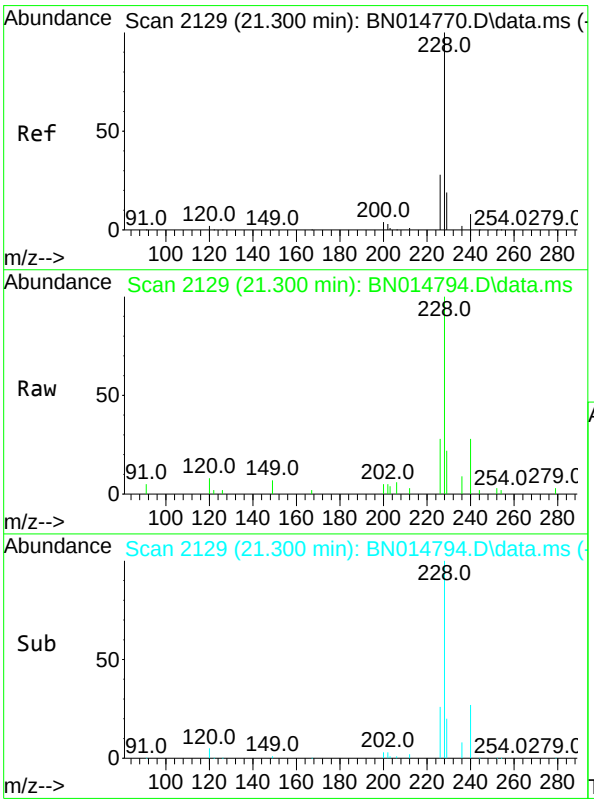


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:244 Resp: 3842

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.8	10.2
122	9.6	6.6	9.8

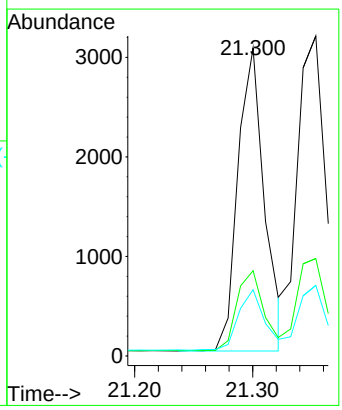




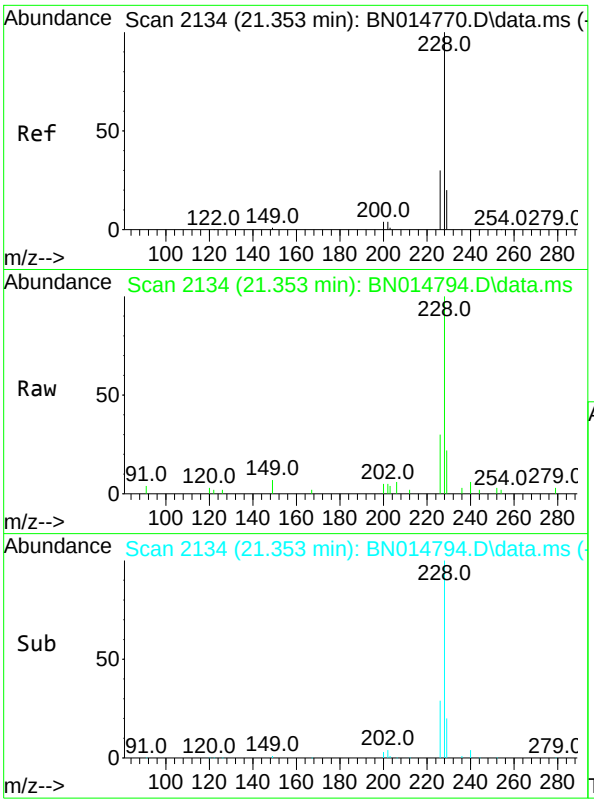
#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:228 Resp: 4762

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.9	34.3
229	21.5	16.2	24.2



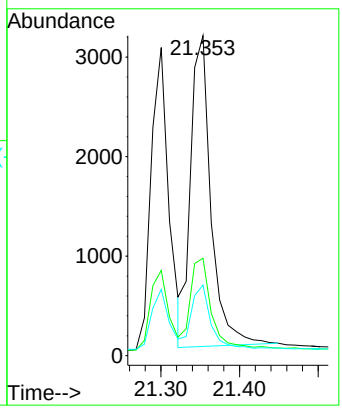
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

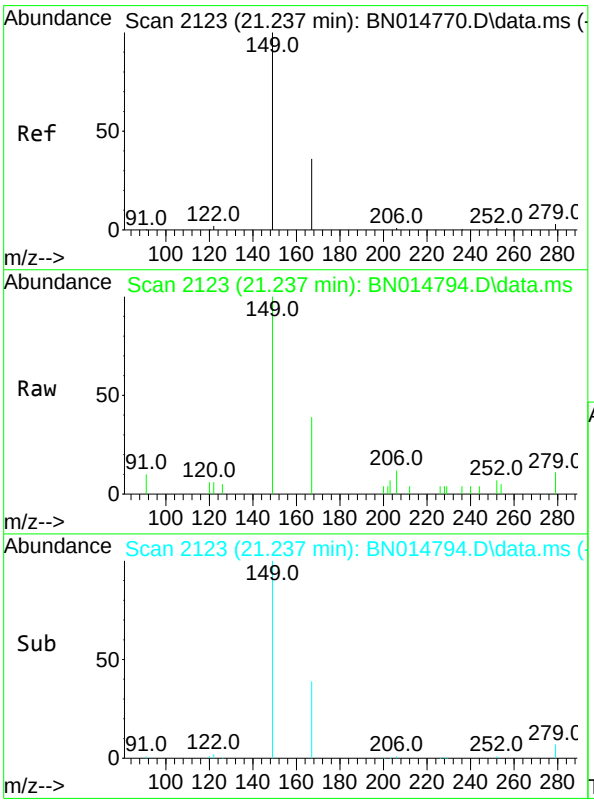


#33
Chrysene
Concen: 0.39 ng
RT: 21.353 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:228 Resp: 5613

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	22.1	16.4	24.6

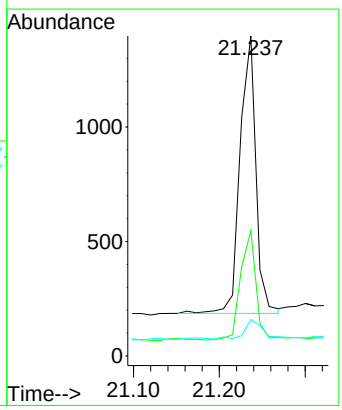




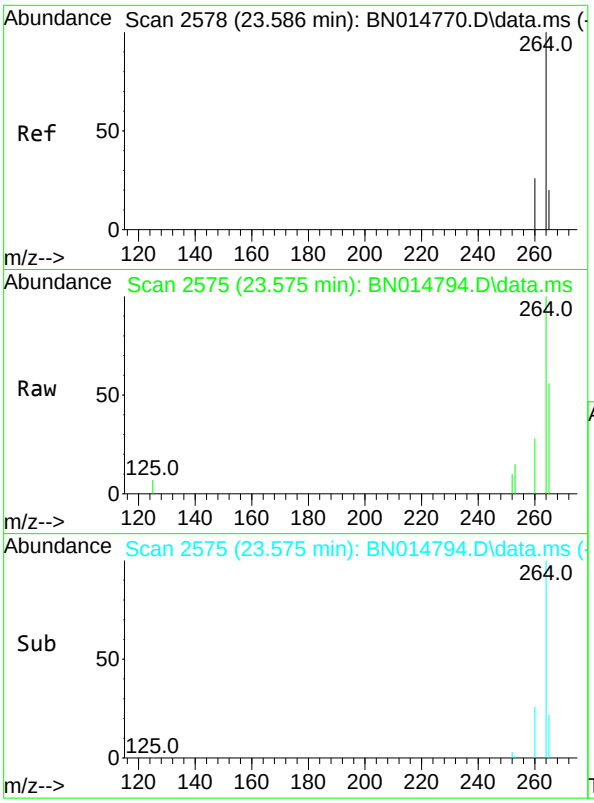
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:149 Resp: 1554

Ion	Ratio	Lower	Upper
149	100		
167	38.1	28.3	42.5
279	8.1	5.5	8.3



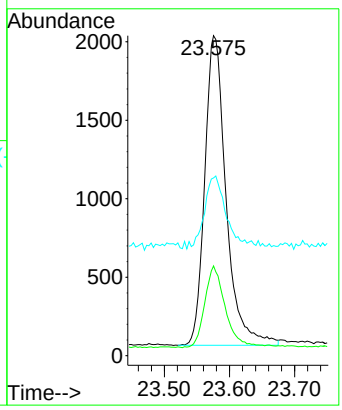
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

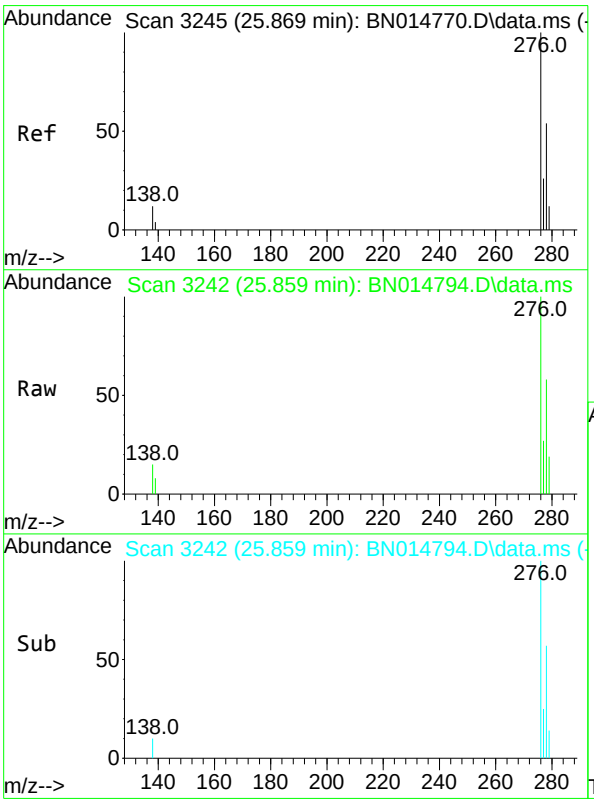


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.575 min Scan# 2575
Delta R.T. -0.010 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:264 Resp: 4500

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.4	32.2
265	55.6	40.9	61.3

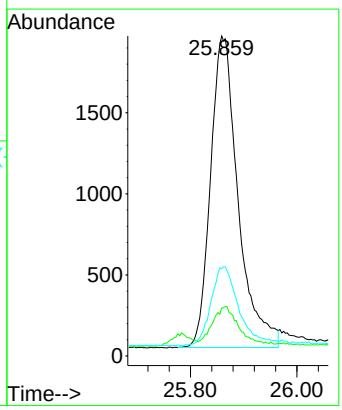




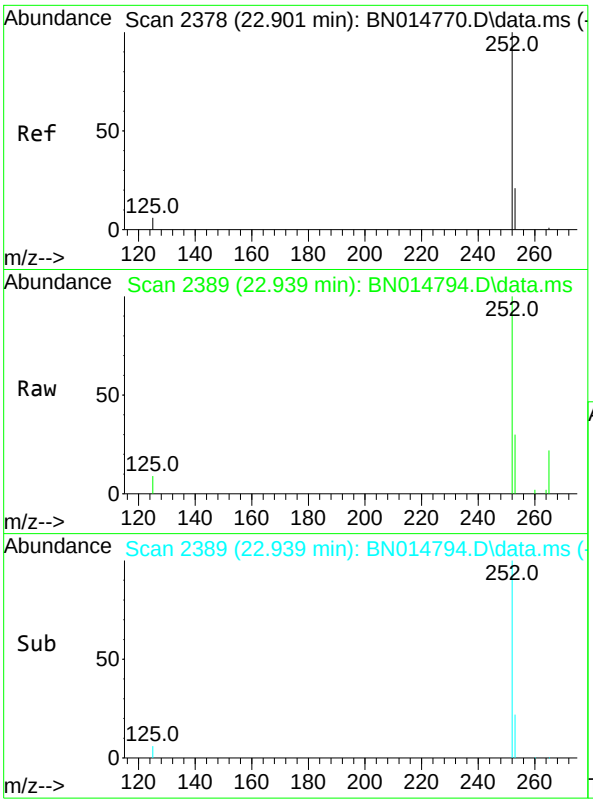
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.859 min Scan# 3242
Delta R.T. -0.010 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:276 Resp: 6892

Ion	Ratio	Lower	Upper
276	100		
138	10.6	10.2	15.4
277	25.7	20.4	30.6



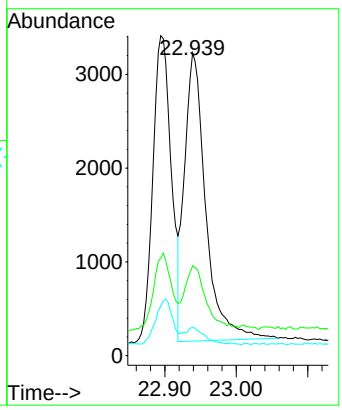
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

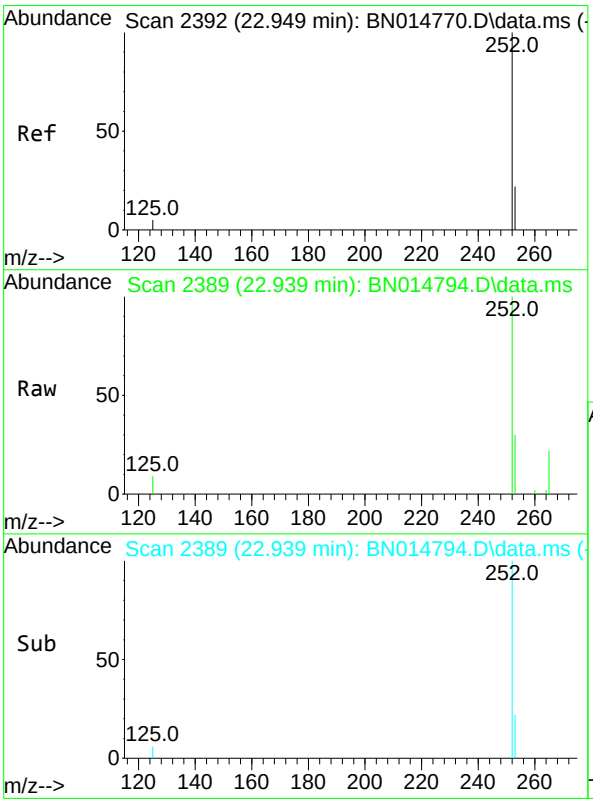


#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.939 min Scan# 2389
Delta R.T. 0.038 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:252 Resp: 6346

Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.5	32.3
125	9.3	6.6	10.0

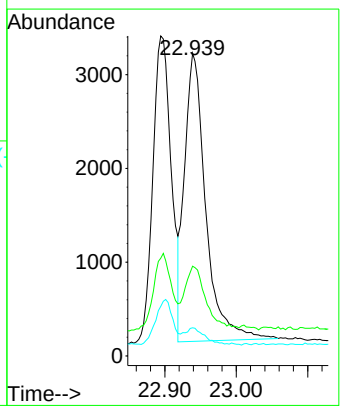




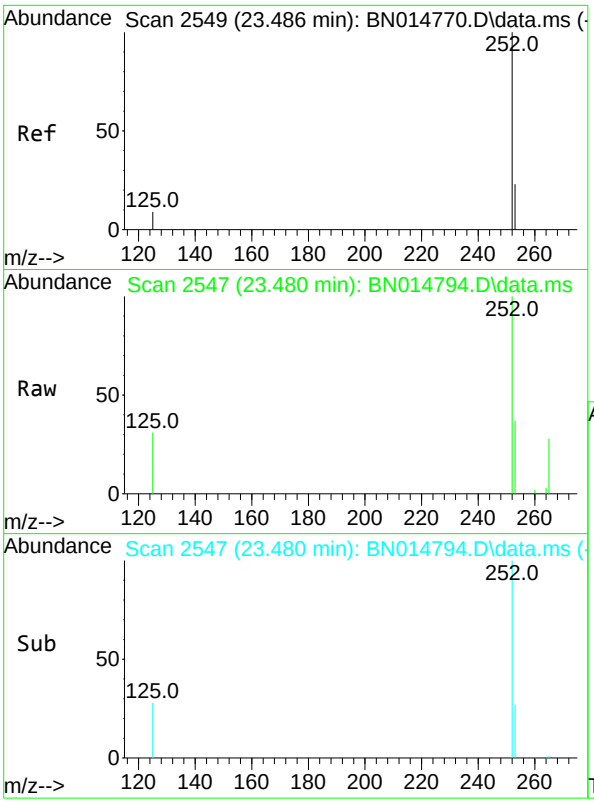
#38
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.939 min Scan# 2389
Delta R.T. -0.010 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:252 Resp: 6346

Ion	Ratio	Lower	Upper
252	100		
253	29.7	22.7	34.1
125	9.3	6.4	9.6



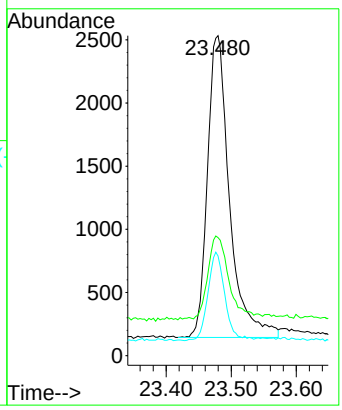
Instrument :
BNA_N
ClientSampleId :
PB136418BSD

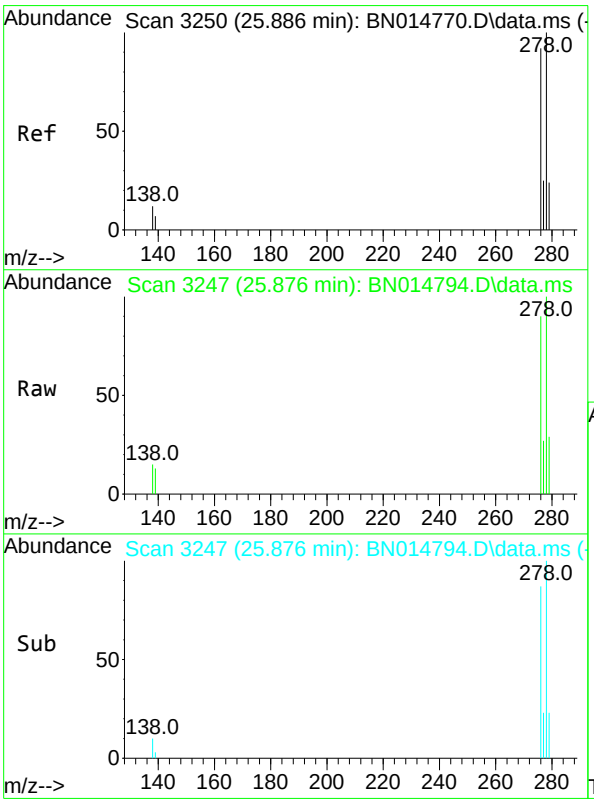


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.480 min Scan# 2547
Delta R.T. -0.007 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:252 Resp: 5609

Ion	Ratio	Lower	Upper
252	100		
253	36.9	25.1	37.7
125	31.1	9.4	14.0#

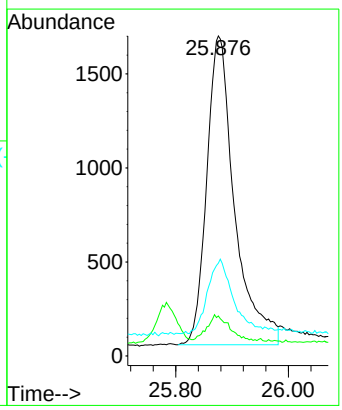


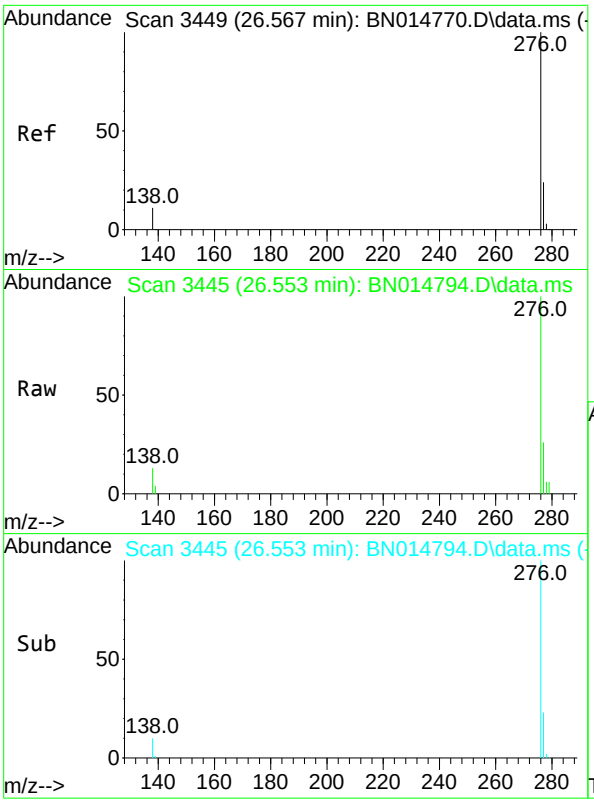


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.876 min Scan# 3247
Delta R.T. -0.010 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:278 Resp: 5634

Ion	Ratio	Lower	Upper
278	100		
139	12.5	8.6	13.0
279	29.0	22.8	34.2

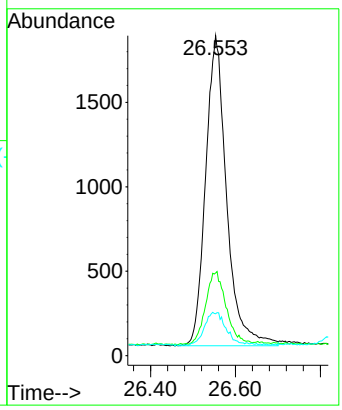




#41
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 26.553 min Scan# 3445
Delta R.T. -0.014 min
Lab File: BN014794.D
Acq: 27 May 2021 16:16

Tgt Ion:276 Resp: 6287

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.9	31.3
138	13.1	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
PB136418BSD