Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012121\
Data File : BN013441.D
Acq On : 20 Jan 2021 16:49
Operator : CG/JU
Sample : PB134239BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134239BSD

Quant Time: Jan 20 17:21:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 16:01:28 2021
Response via : Initial Calibration

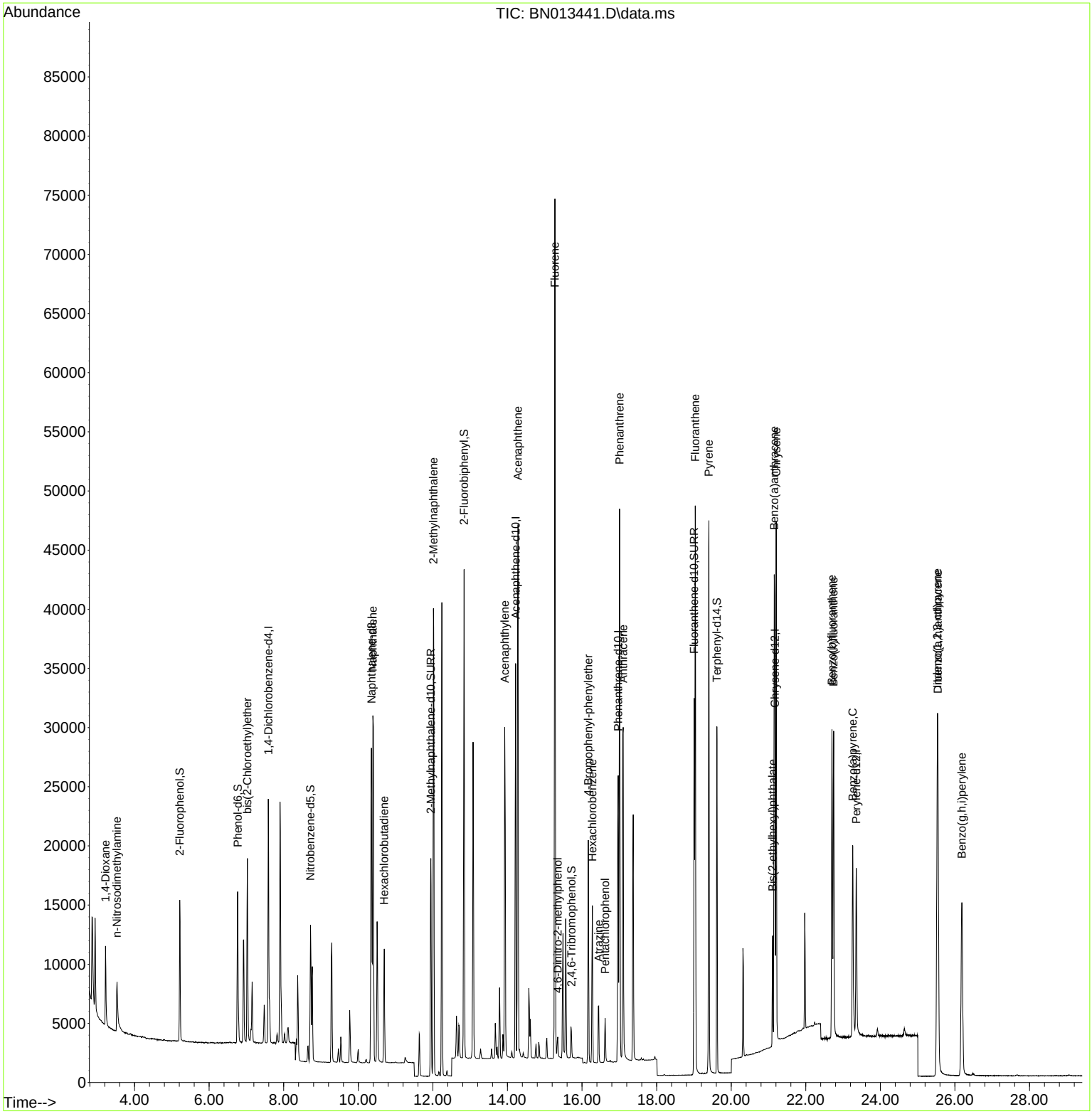
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	9707	0.40	ng		0.00
7) Naphthalene-d8	10.353	136	37099	0.40	ng		# 0.00
13) Acenaphthene-d10	14.219	164	18997	0.40	ng		0.00
19) Phenanthrene-d10	16.970	188	35590	0.40	ng		# 0.00
29) Chrysene-d12	21.176	240	24570	0.40	ng		# 0.00
36) Perylene-d12	23.352	264	18687	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	9599	0.34	ng		0.00
5) Phenol-d6	6.766	99	12256	0.34	ng		0.00
8) Nitrobenzene-d5	8.718	82	9016	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.946	152	24781	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	2205	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.836	172	34402	0.41	ng		0.00
27) Fluoranthene-d10	19.005	212	36452	0.32	ng		0.00
31) Terphenyl-d14	19.615	244	29708	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	4545	0.38	ng		94
3) n-Nitrosodimethylamine	3.529	42	3767	0.36	ng	#	99
6) bis(2-Chloroethyl)ether	7.024	93	11156	0.40	ng		99
9) Naphthalene	10.391	128	42706	0.39	ng		99
10) Hexachlorobutadiene	10.695	225	7511	0.39	ng	#	99
12) 2-Methylnaphthalene	12.017	142	28877	0.38	ng		99
16) Acenaphthylene	13.927	152	32738	0.36	ng		99
17) Acenaphthene	14.283	154	24844	0.38	ng		100
18) Fluorene	15.272	166	30149	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.348	198	1417	0.32	ng		94
21) 4-Bromophenyl-phenylether	16.167	248	8766	0.40	ng		99
22) Hexachlorobenzene	16.276	284	9958	0.40	ng		100
23) Atrazine	16.447	200	4579	0.32	ng		99
24) Pentachlorophenol	16.617	266	1788	0.24	ng		97
25) Phenanthrene	17.007	178	46644	0.39	ng		100
26) Anthracene	17.104	178	36267	0.36	ng		100
28) Fluoranthene	19.034	202	44002	0.32	ng		99
30) Pyrene	19.402	202	42705	0.47	ng		99
32) Benzo(a)anthracene	21.154	228	28797	0.33	ng		99
33) Chrysene	21.207	228	36801	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	21.112	149	8203	0.31	ng		99
35) Indeno(1,2,3-cd)pyrene	25.529	276	35249	0.35	ng		99
37) Benzo(b)fluoranthene	22.702	252	31709	0.41	ng		95
38) Benzo(k)fluoranthene	22.746	252	31316	0.42	ng		95
39) Benzo(a)pyrene	23.256	252	23955	0.38	ng	#	95
40) Dibenzo(a,h)anthracene	25.543	278	30290	0.43	ng		98
41) Benzo(g,h,i)perylene	26.186	276	30309	0.42	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012121\
Data File : BN013441.D
Acq On : 20 Jan 2021 16:49
Operator : CG/JU
Sample : PB134239BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134239BSD

Quant Time: Jan 20 17:21:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 16:01:28 2021
Response via : Initial Calibration



Instrument :
BNA_N
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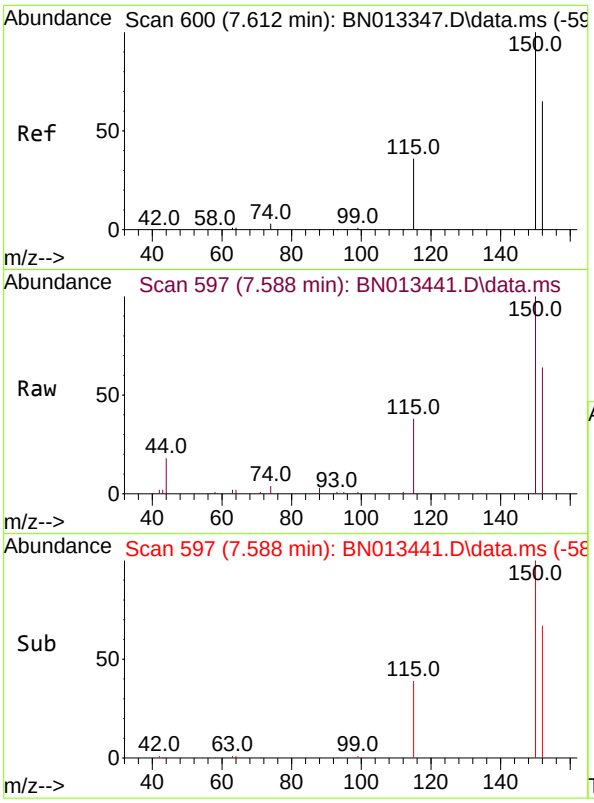
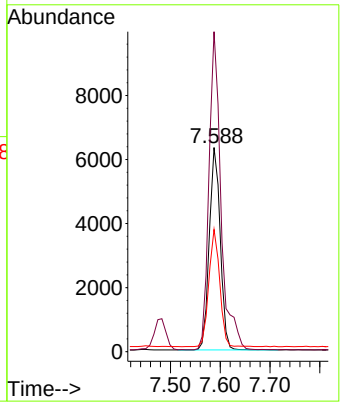
PB134239BSD

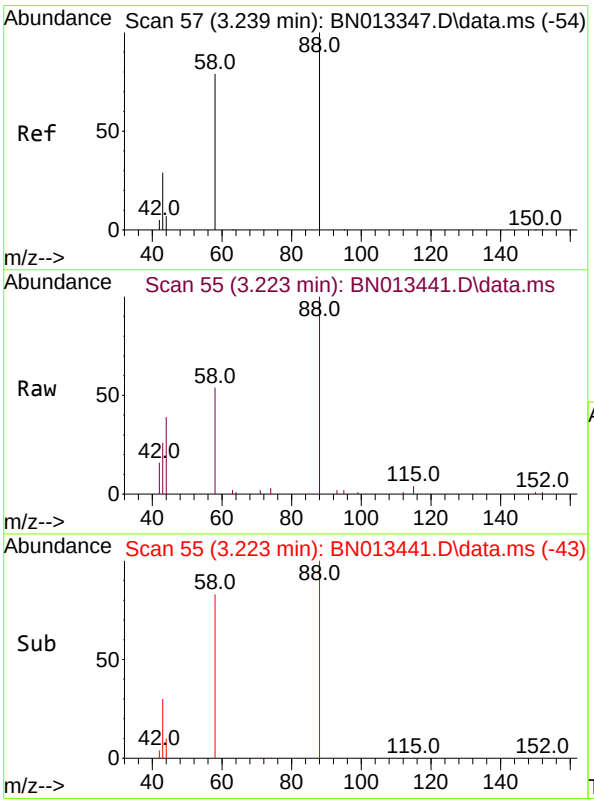


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.588 min Scan# 597
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:152 Resp: 9707

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.8	182.8
115	59.8	46.6	69.8

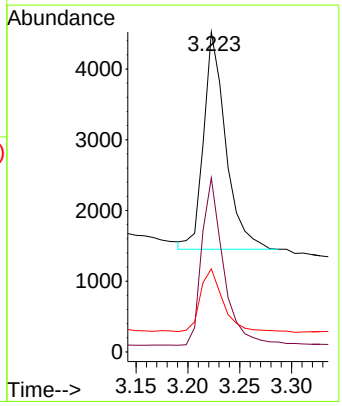




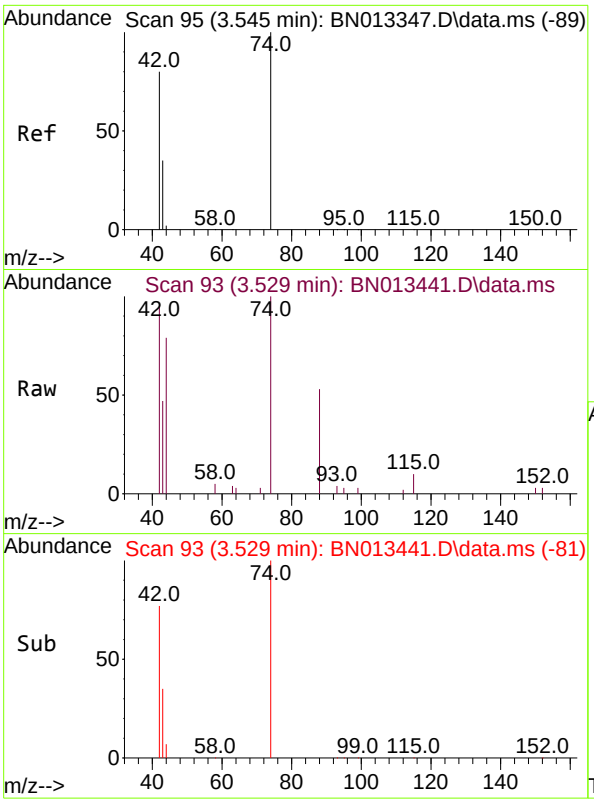
#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion: 88 Resp: 4545

Ion	Ratio	Lower	Upper
88	100		
58	76.0	64.6	96.8
43	29.5	26.6	40.0



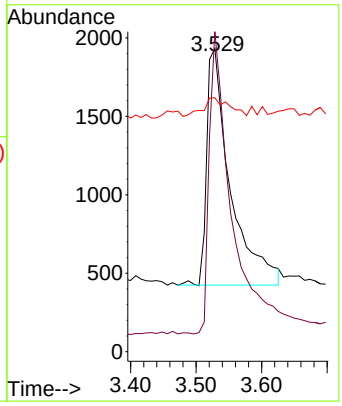
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

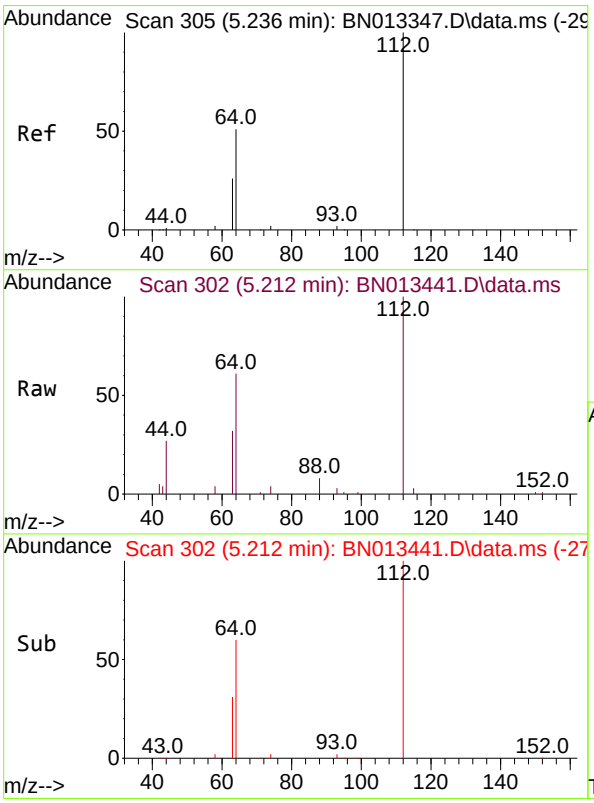


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.529 min Scan# 93
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion: 42 Resp: 3767

Ion	Ratio	Lower	Upper
42	100		
74	119.7	95.0	142.6
44	8.8	5.8	8.8#

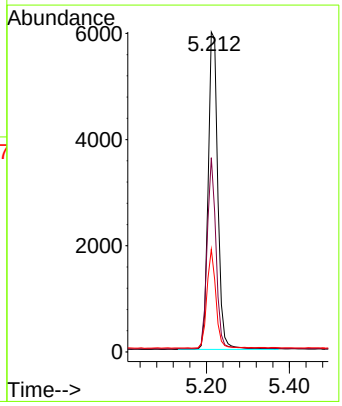




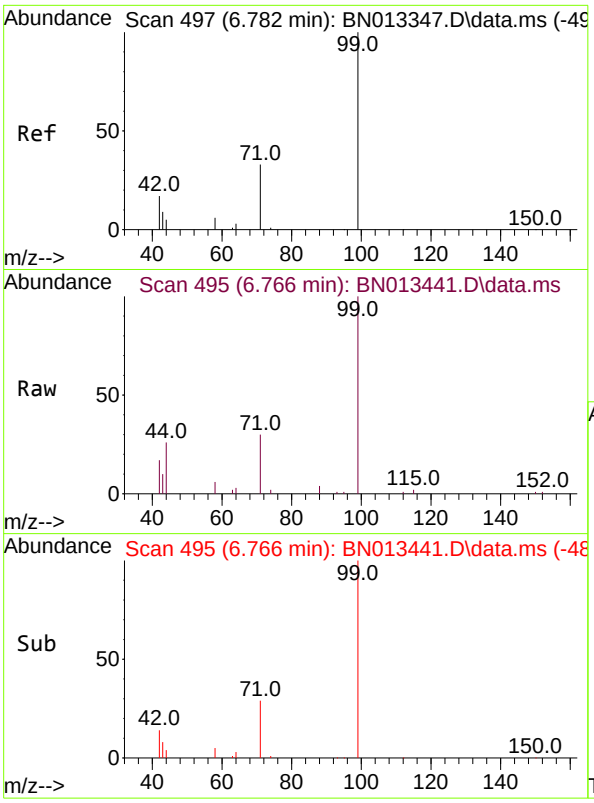
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.212 min Scan# 302
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:112 Resp: 9599

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	28.8	23.0	34.6



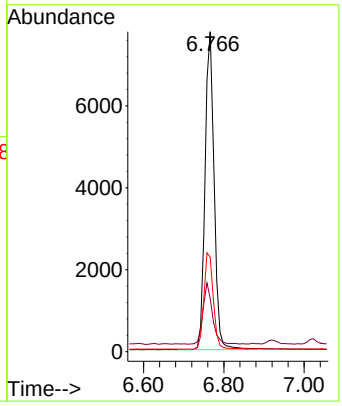
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

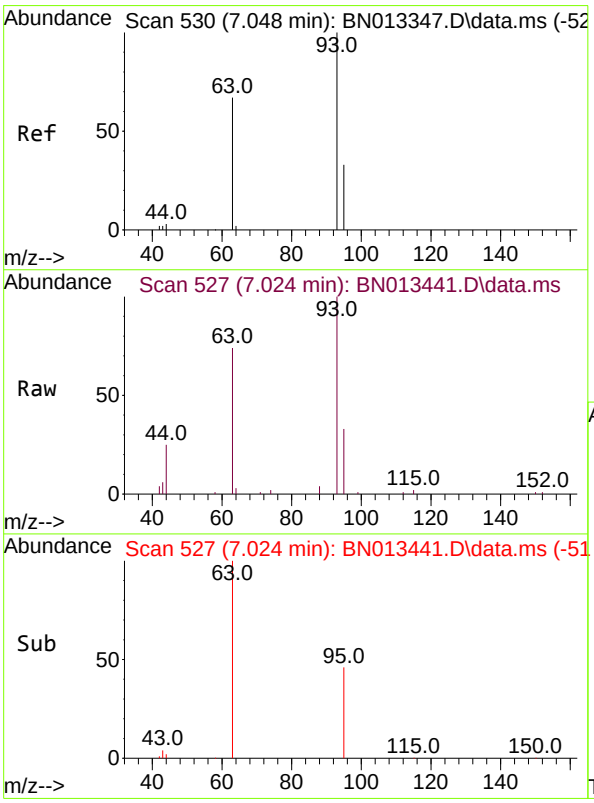


#5
Phenol-d6
Concen: 0.34 ng
RT: 6.766 min Scan# 495
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion: 99 Resp: 12256

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.2	22.8
71	31.4	26.1	39.1

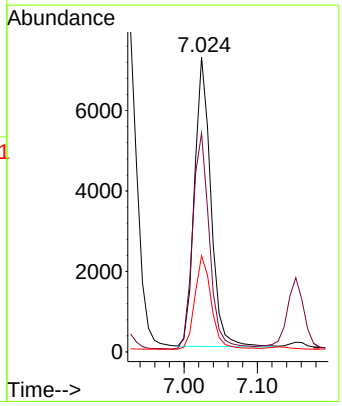




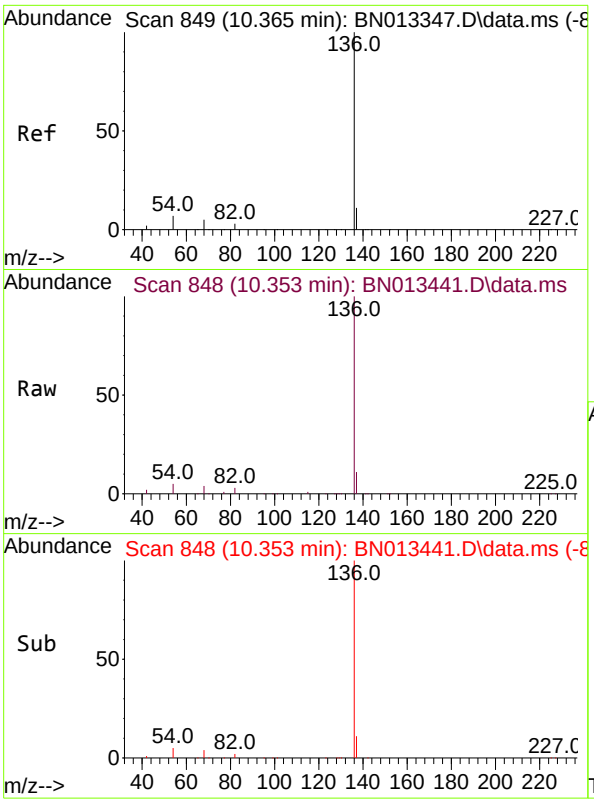
#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.024 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion: 93 Resp: 11156

Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.8	91.2
95	32.8	26.0	39.0



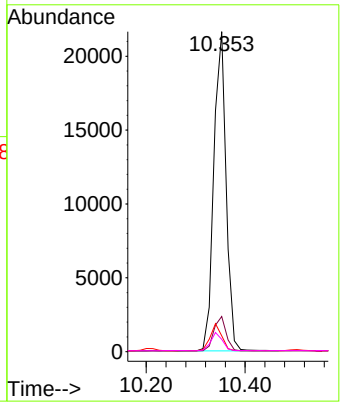
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

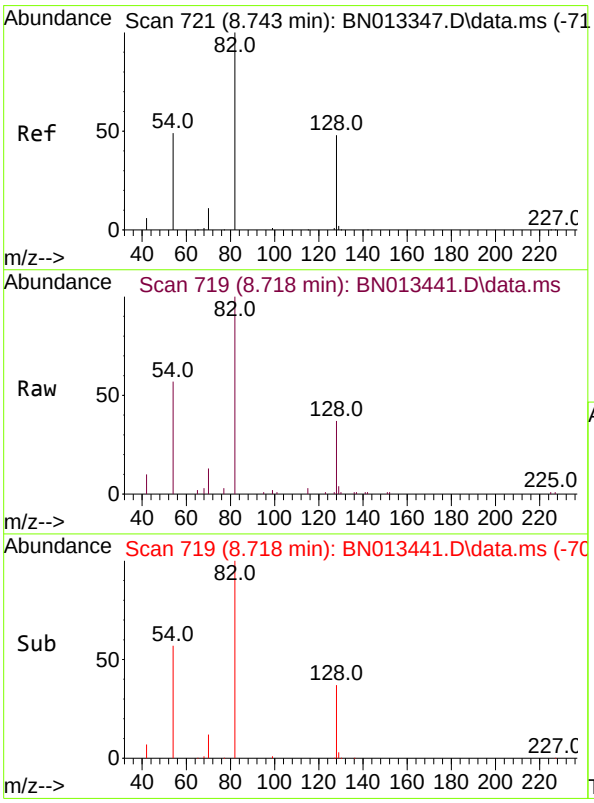


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:136 Resp: 37099

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.0	6.4	9.6#
68	3.9	4.5	6.7#

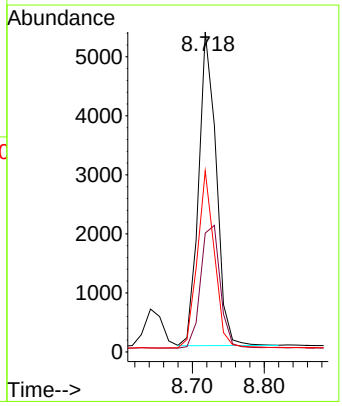


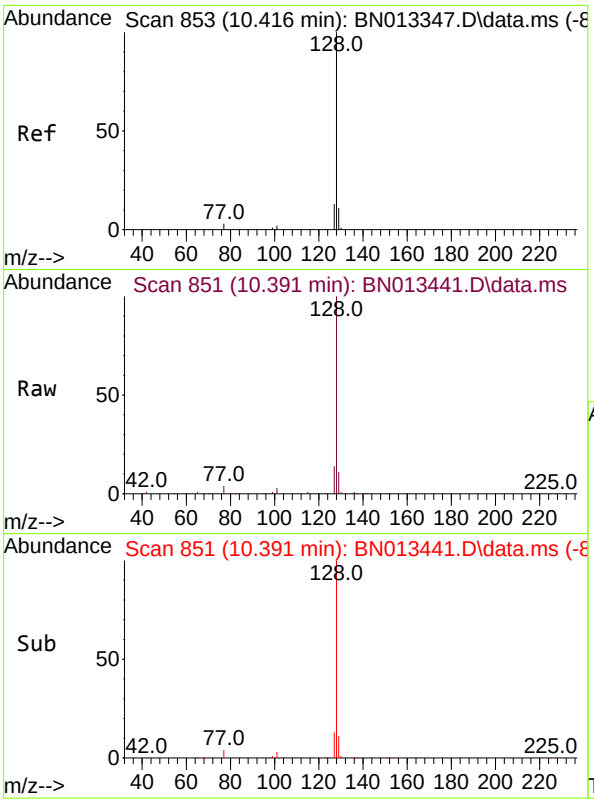


#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.718 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion: 82 Resp: 9016

Ion	Ratio	Lower	Upper
82	100		
128	37.2	39.2	58.8#
54	56.6	40.1	60.1

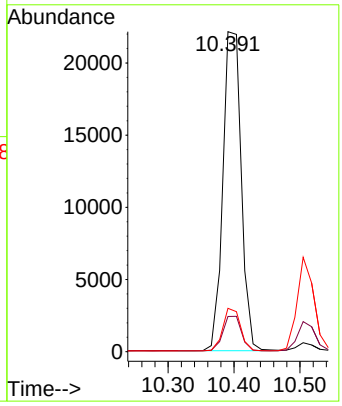




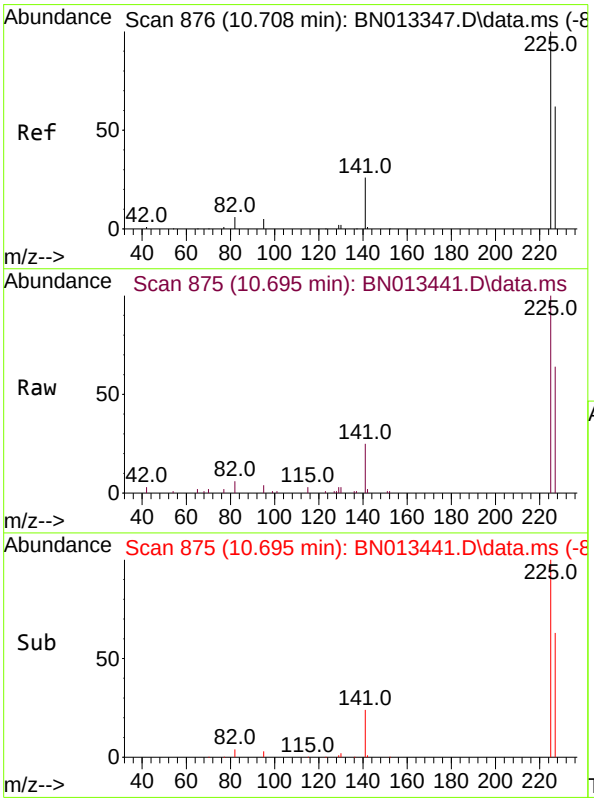
#9
Naphthalene
Concen: 0.39 ng
RT: 10.391 min Scan# 851
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:128 Resp: 42706

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.6	10.4	15.6



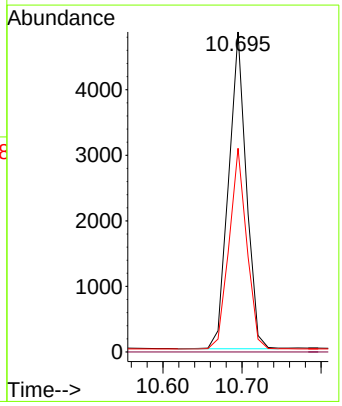
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

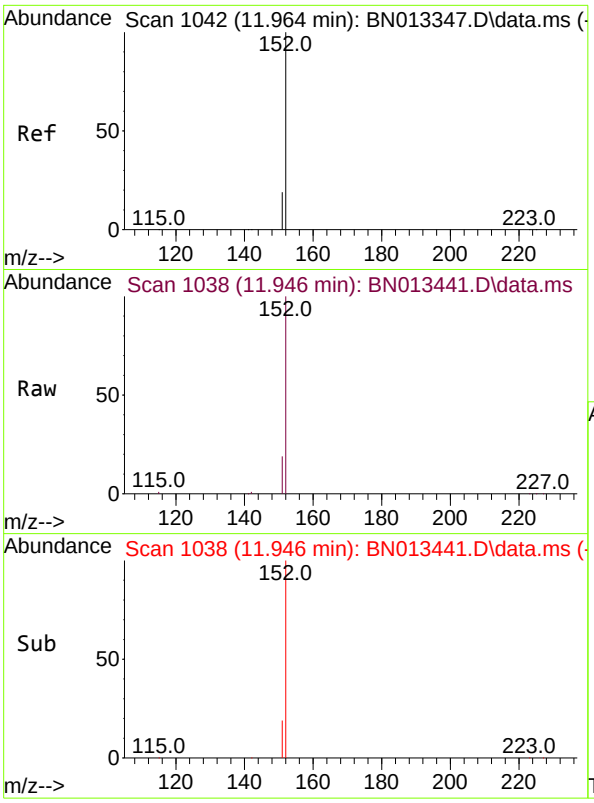


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.695 min Scan# 875
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:225 Resp: 7511

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.2	76.8

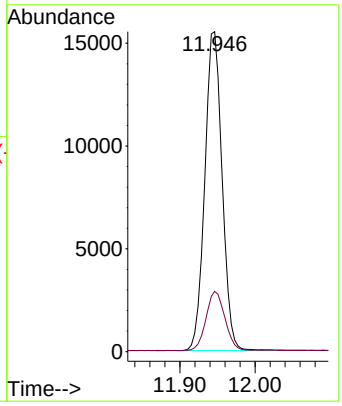




#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 11.946 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:152 Resp: 24781

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2



Instrument :
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ClientSampleId :
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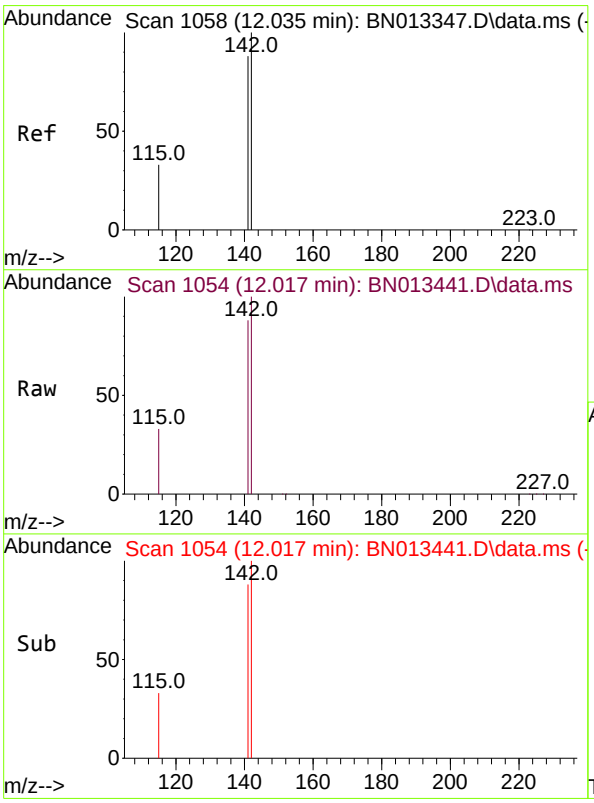
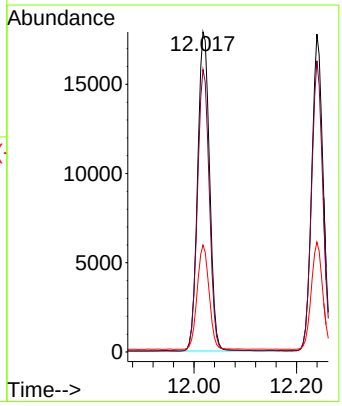


#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.017 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:142 Resp: 28877

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7
115	33.4	27.4	41.0



Instrument :
BNA_N
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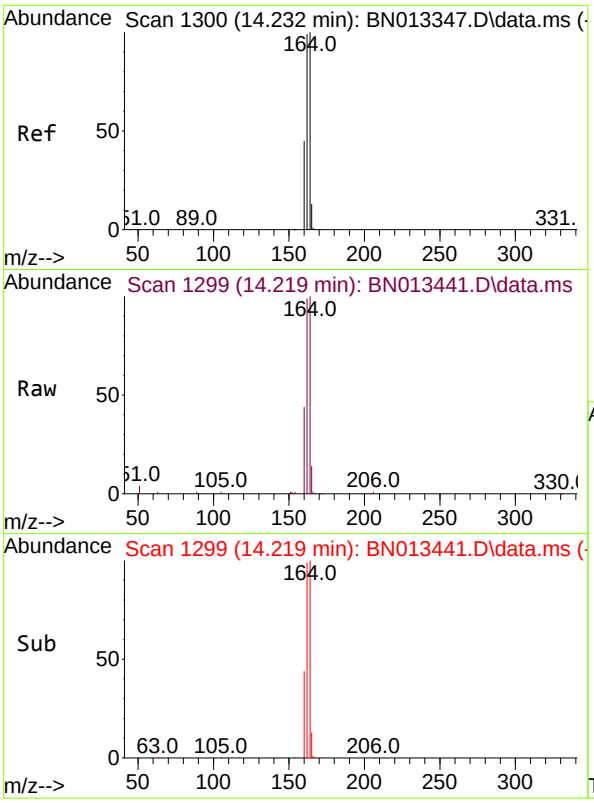
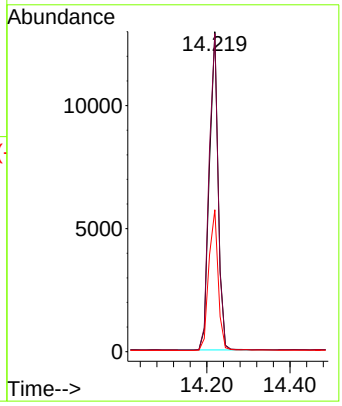
PB134239BSD

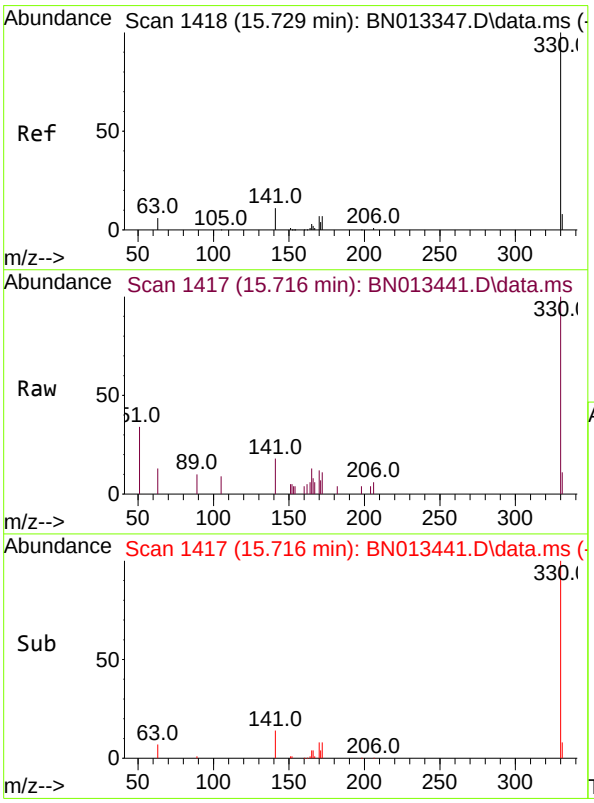


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.219 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:164 Resp: 18997

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.6	119.4
160	44.4	36.0	54.0

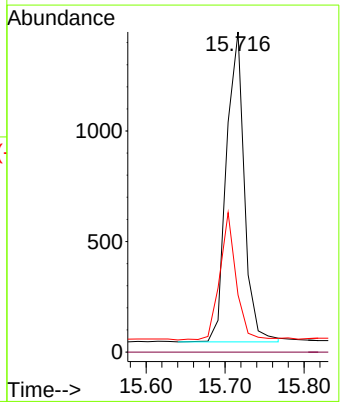




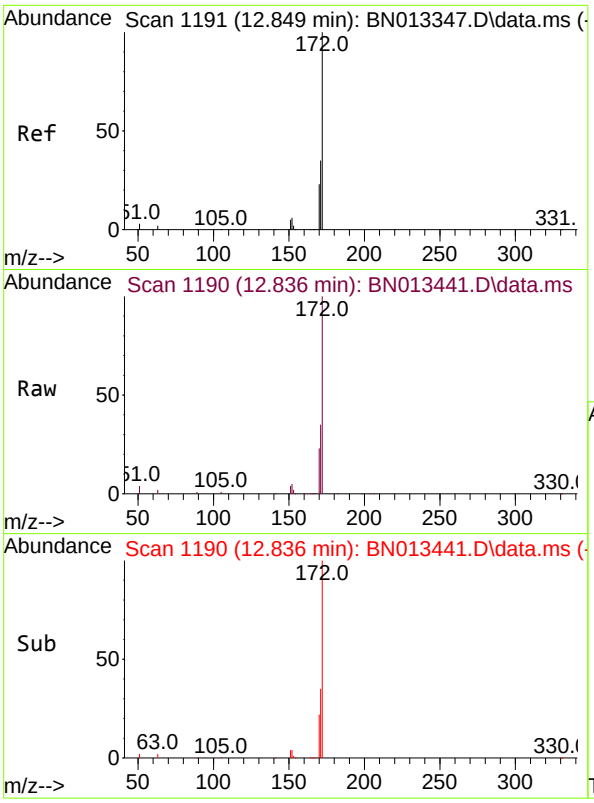
#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.716 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:330 Resp: 2205

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.4	26.8	40.2



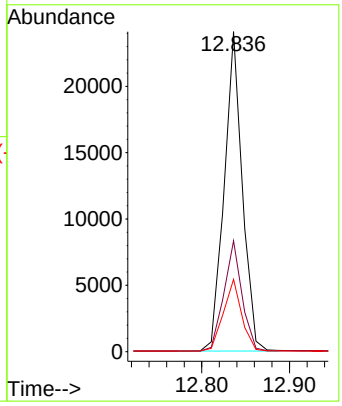
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

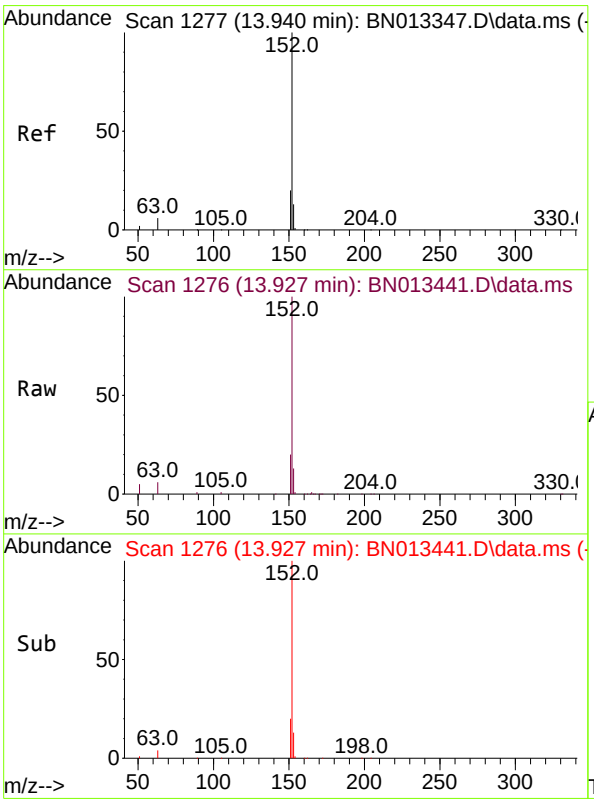


#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.836 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:172 Resp: 34402

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.6	18.9	28.3

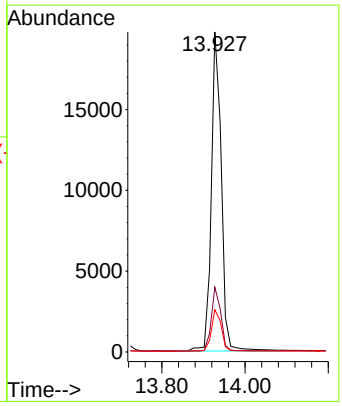




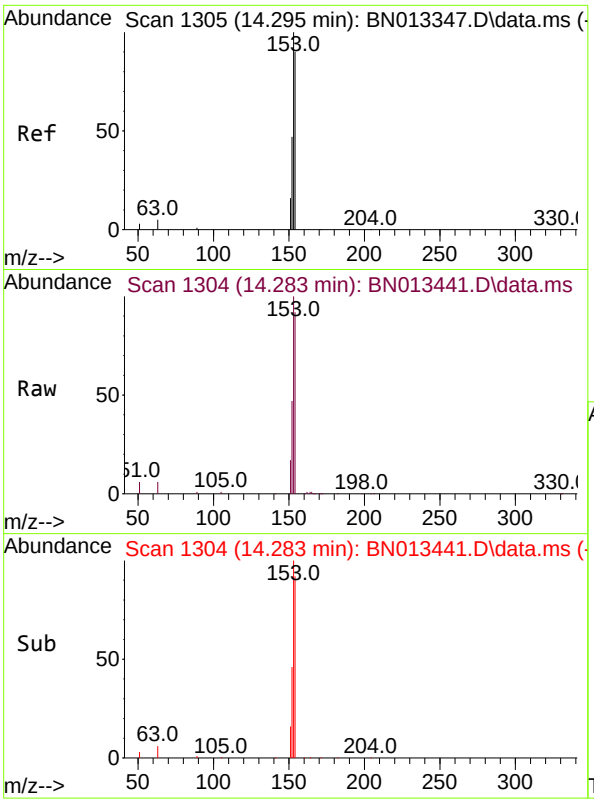
#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.927 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:152 Resp: 32738

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.1	10.5	15.7



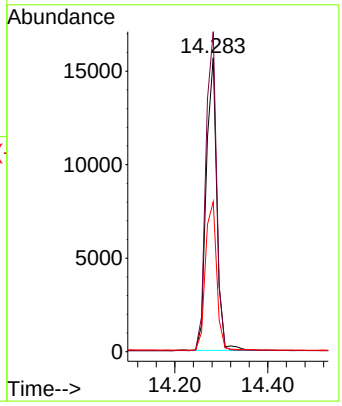
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

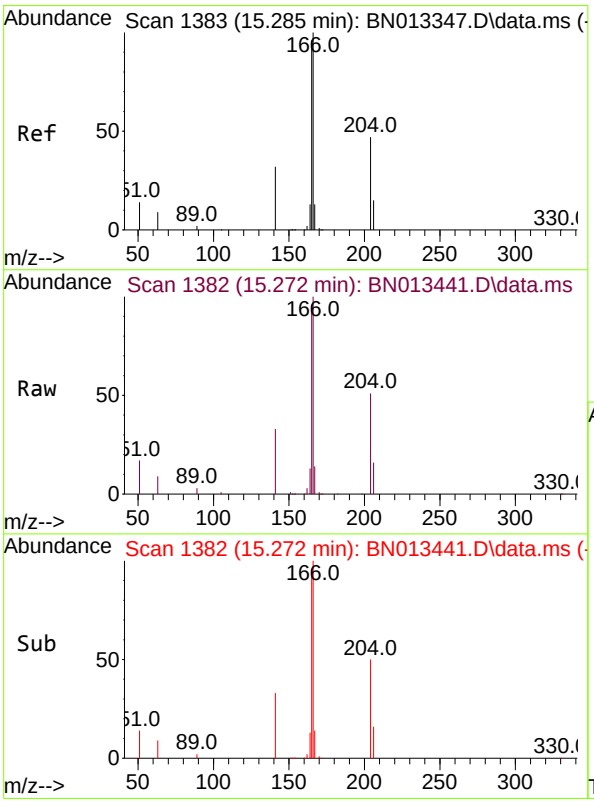


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.283 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:154 Resp: 24844

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.4	132.6
152	54.0	43.0	64.4

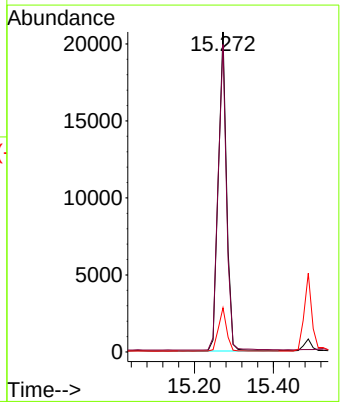




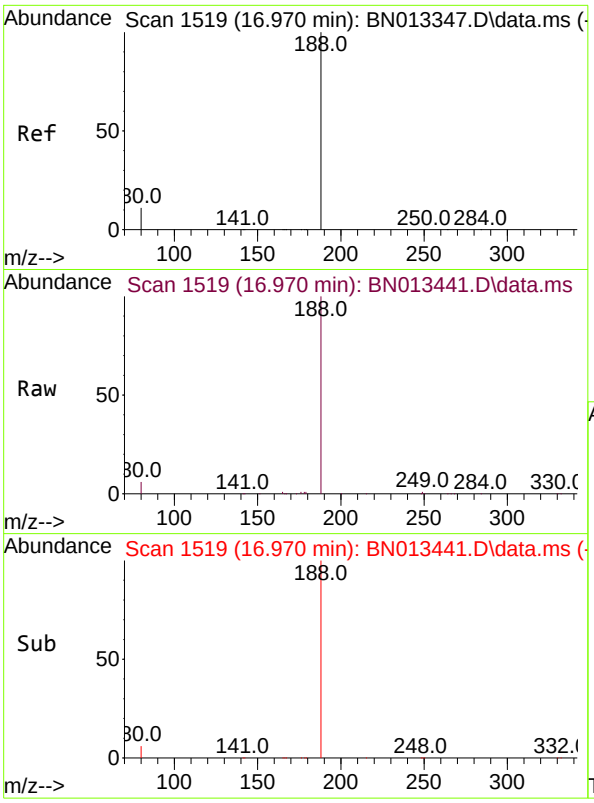
#18
Fluorene
Concen: 0.37 ng
RT: 15.272 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:166 Resp: 30149

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.8
167	13.6	10.6	16.0



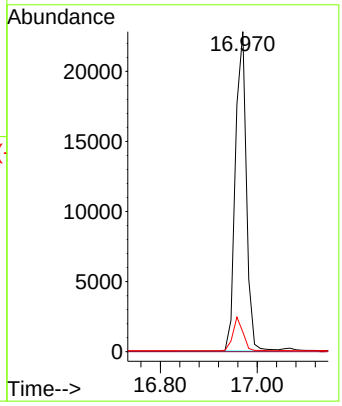
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

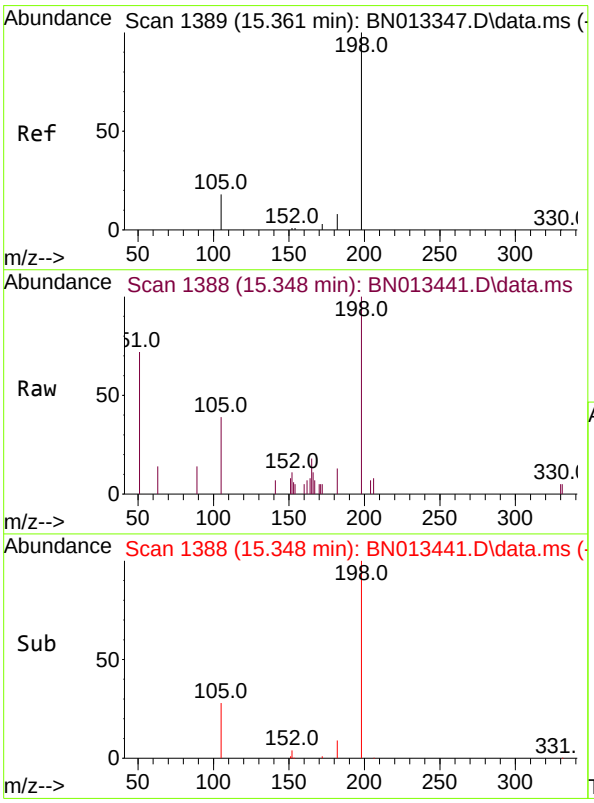


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.970 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:188 Resp: 35590

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	9.0	13.6#

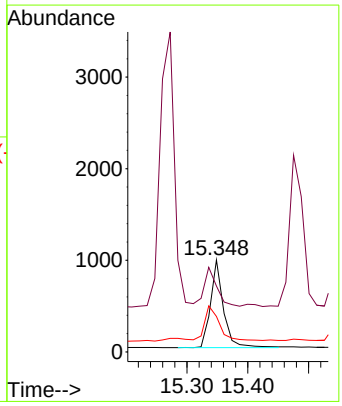




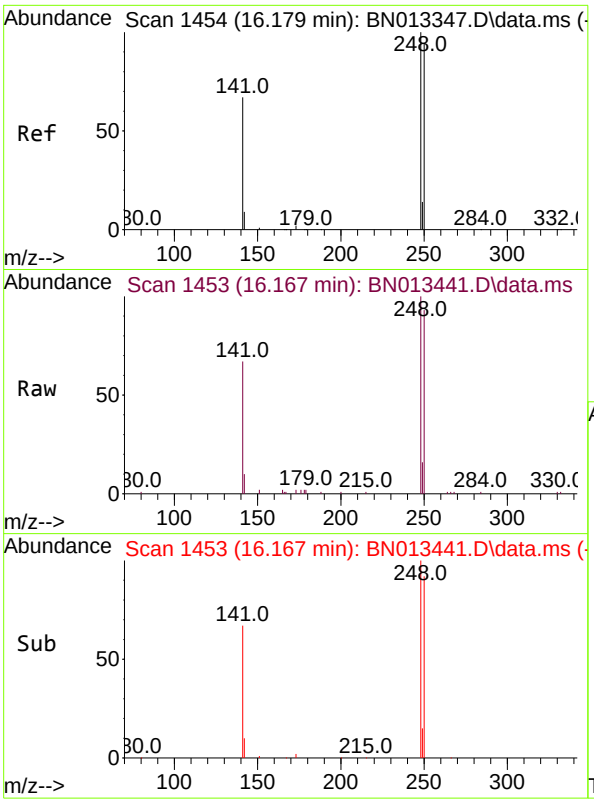
#20
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 15.348 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:198 Resp: 1417

Ion	Ratio	Lower	Upper
198	100		
51	71.6	61.7	92.5
105	38.5	33.0	49.6



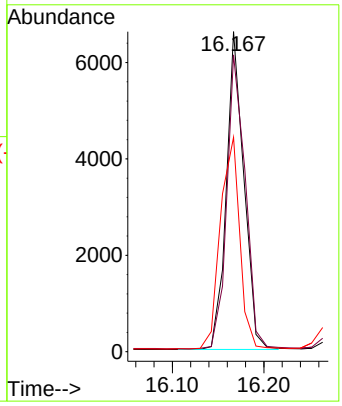
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

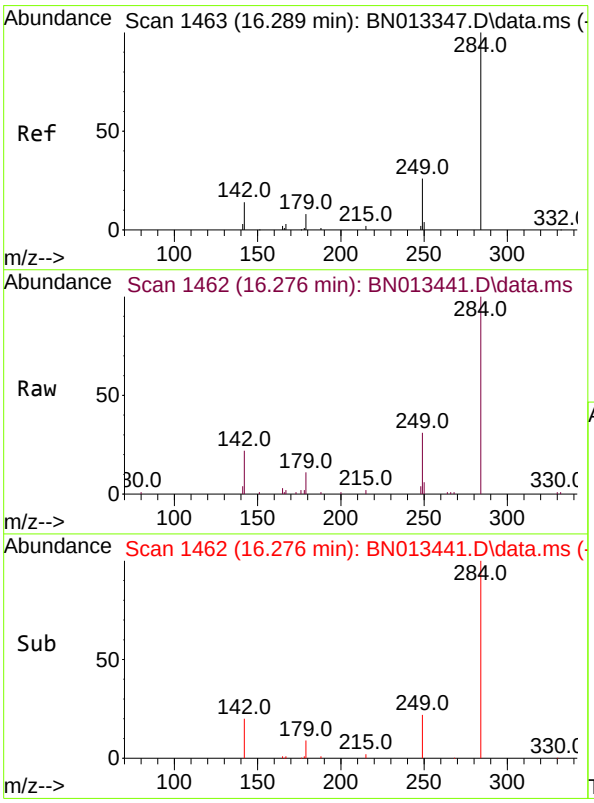


#21
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.167 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:248 Resp: 8766

Ion	Ratio	Lower	Upper
248	100		
250	92.7	75.5	113.3
141	67.0	53.8	80.8

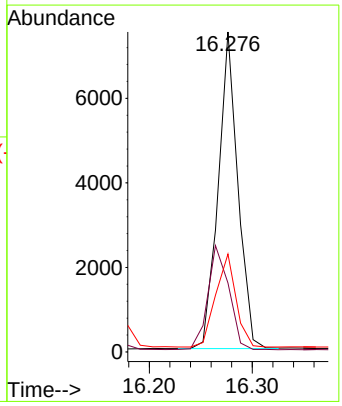




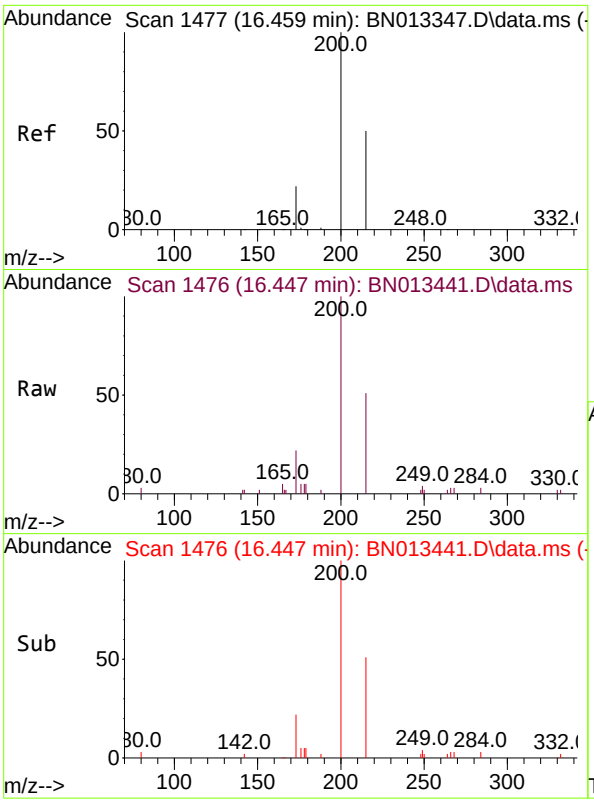
#22
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.276 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:284 Resp: 9958

Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.9	41.9
249	30.2	24.2	36.2



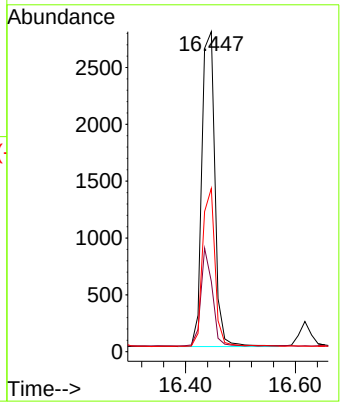
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

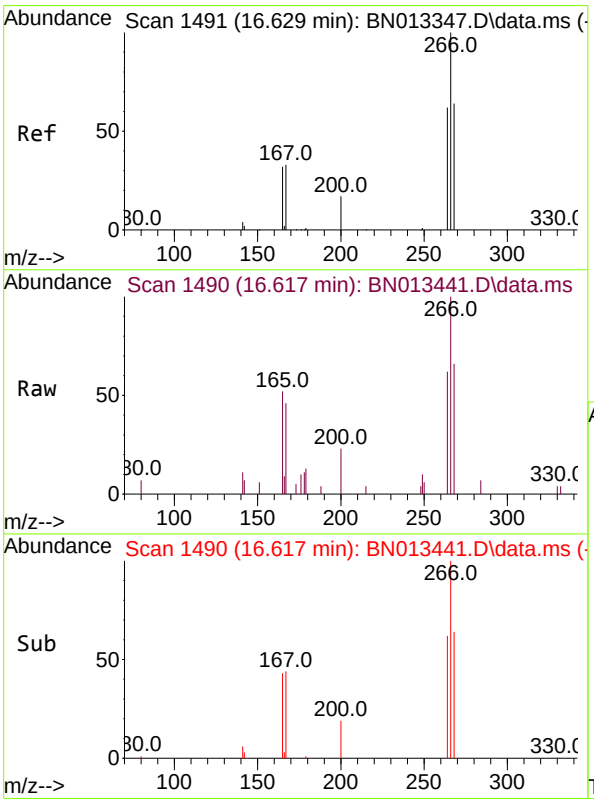


#23
Atrazine
Concen: 0.32 ng
RT: 16.447 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:200 Resp: 4579

Ion	Ratio	Lower	Upper
200	100		
173	22.0	18.6	28.0
215	51.0	41.0	61.6

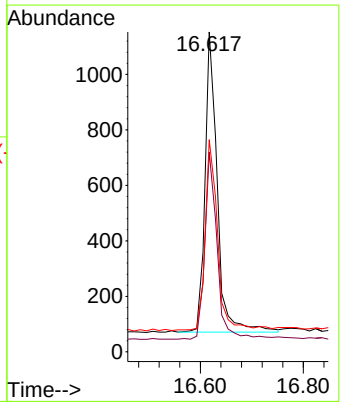




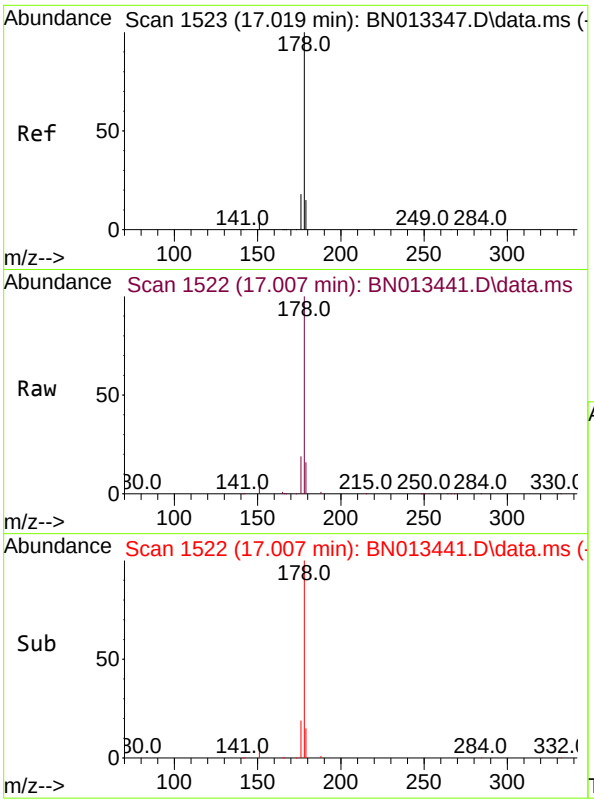
#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.617 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:266 Resp: 1788

Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.6	77.4
268	65.2	54.6	82.0



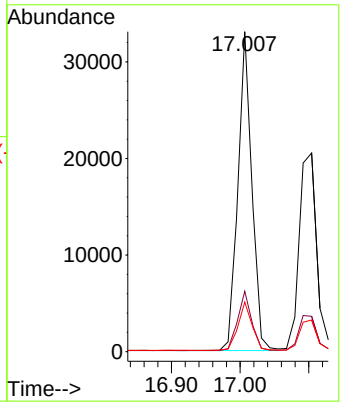
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

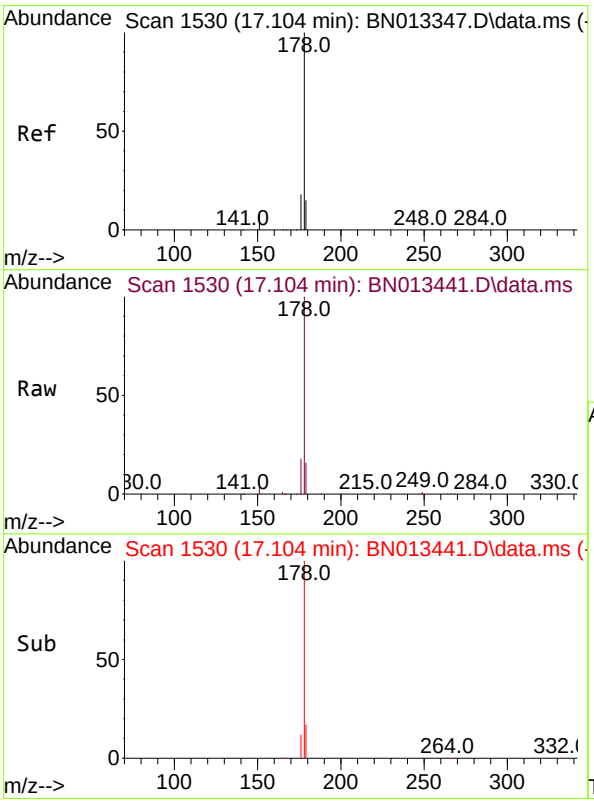


#25
Phenanthrene
Concen: 0.39 ng
RT: 17.007 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:178 Resp: 46644

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.3	18.5

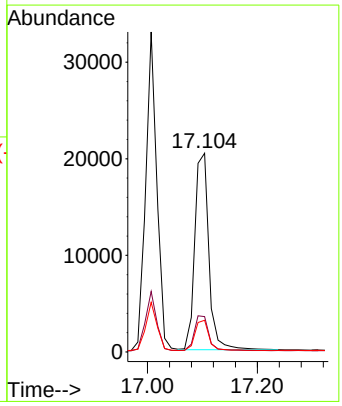




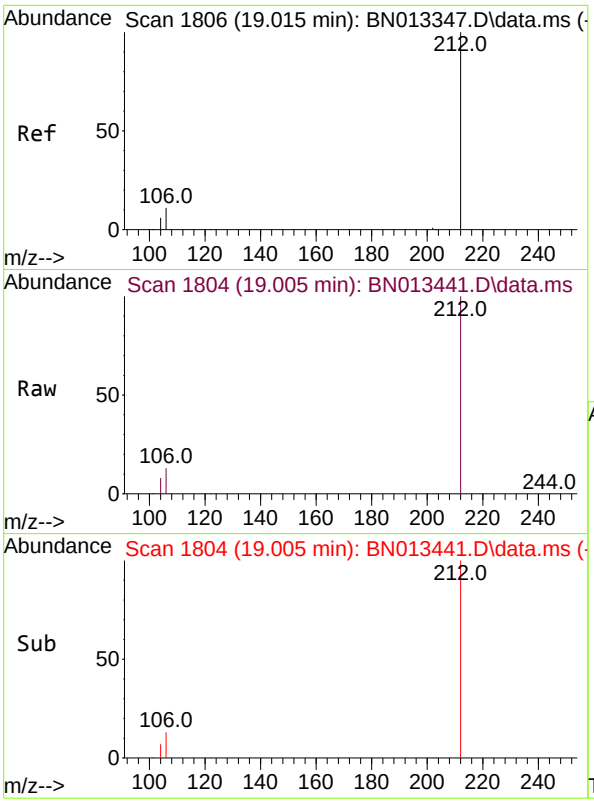
#26
Anthracene
Concen: 0.36 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.012 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:178 Resp: 36267

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	12.2	18.2



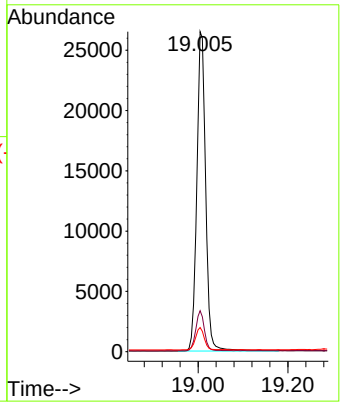
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

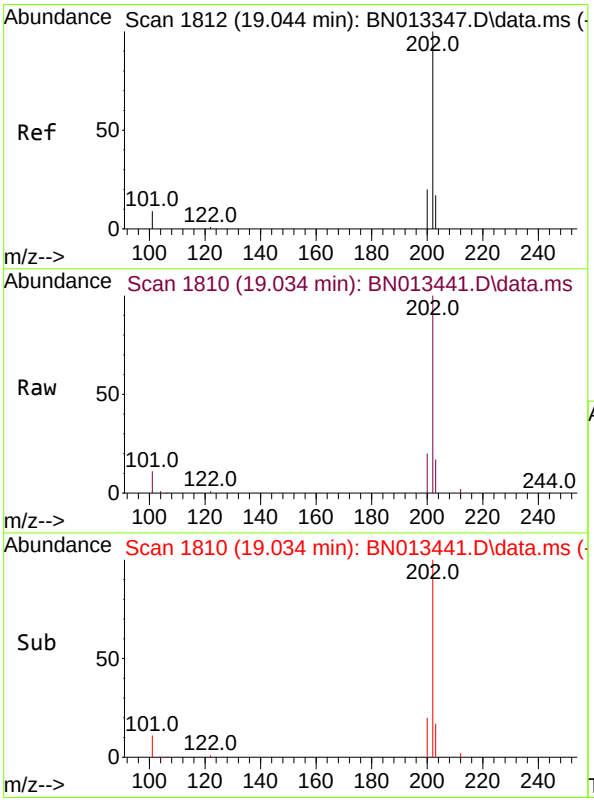


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:212 Resp: 36452

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.7	14.5
104	6.9	5.5	8.3

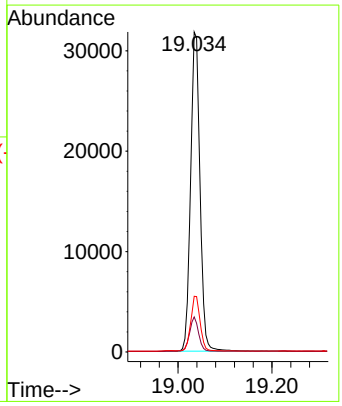




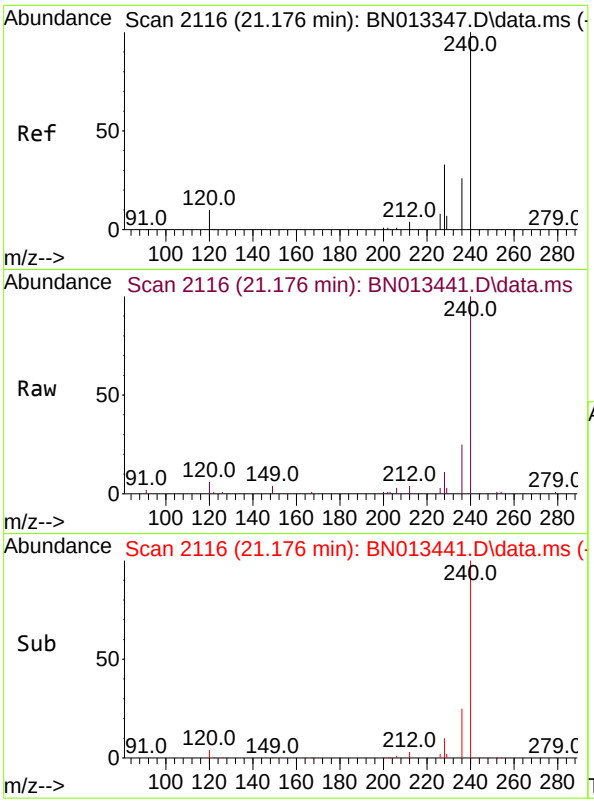
#28
Fluoranthene
Concen: 0.32 ng
RT: 19.034 min Scan# 1810
Delta R.T. -0.005 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:202 Resp: 44002

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.1	12.1
203	17.1	13.9	20.9



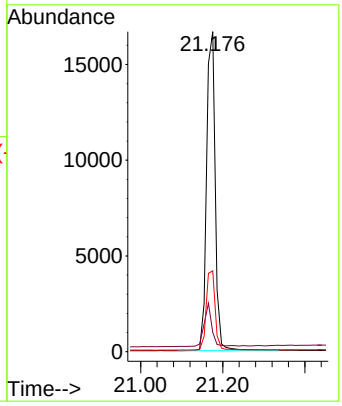
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

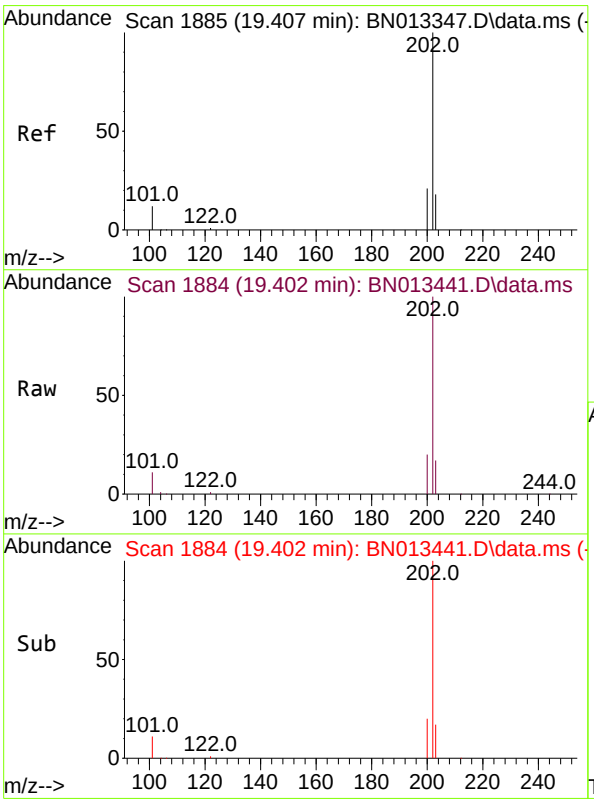


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.176 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:240 Resp: 24570

Ion	Ratio	Lower	Upper
240	100		
120	6.0	10.2	15.4#
236	25.3	21.3	31.9

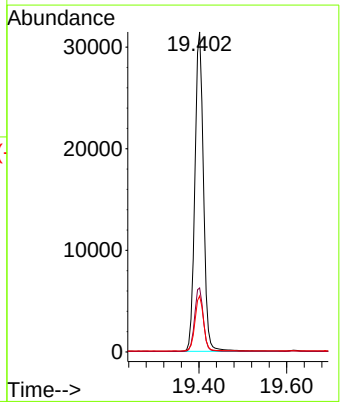




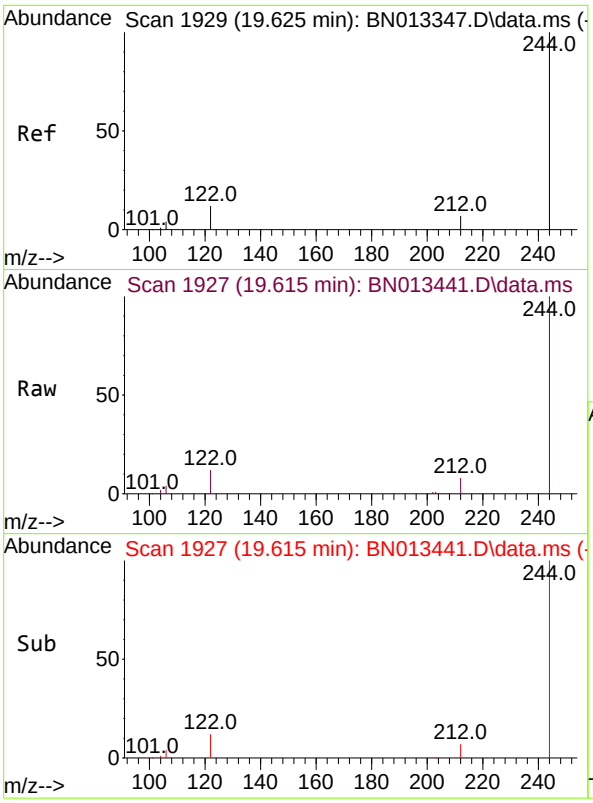
#30
Pyrene
Concen: 0.47 ng
RT: 19.402 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:202 Resp: 42705

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.3	14.0	21.0



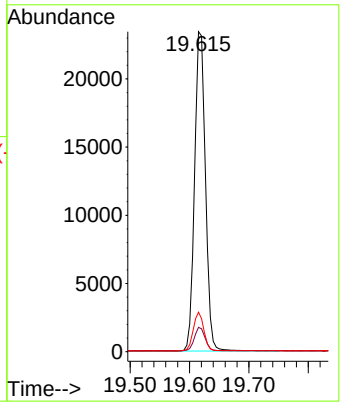
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

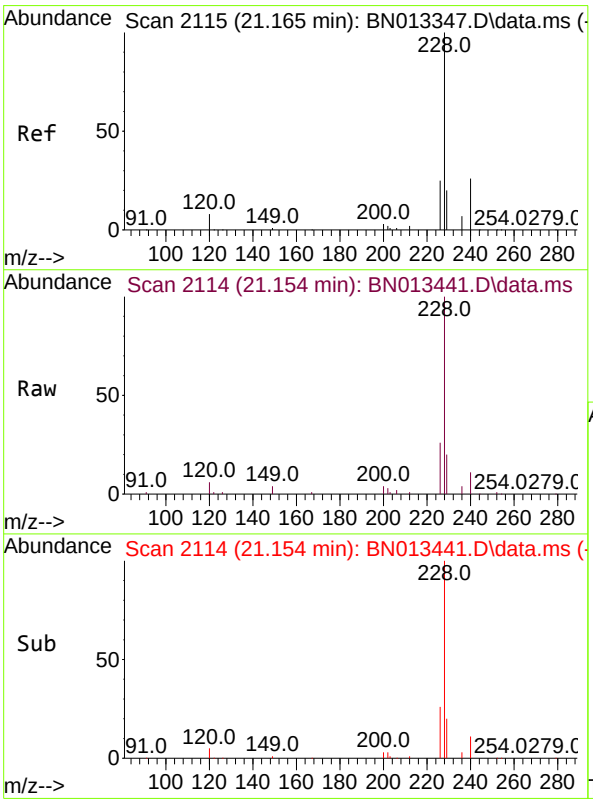


#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.615 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:244 Resp: 29708

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.3	9.8	14.8

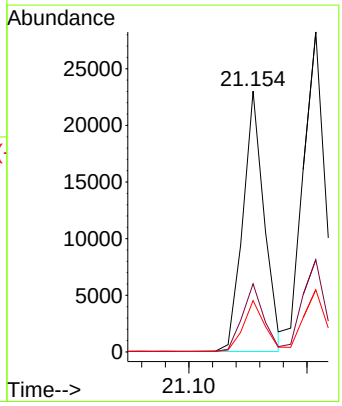


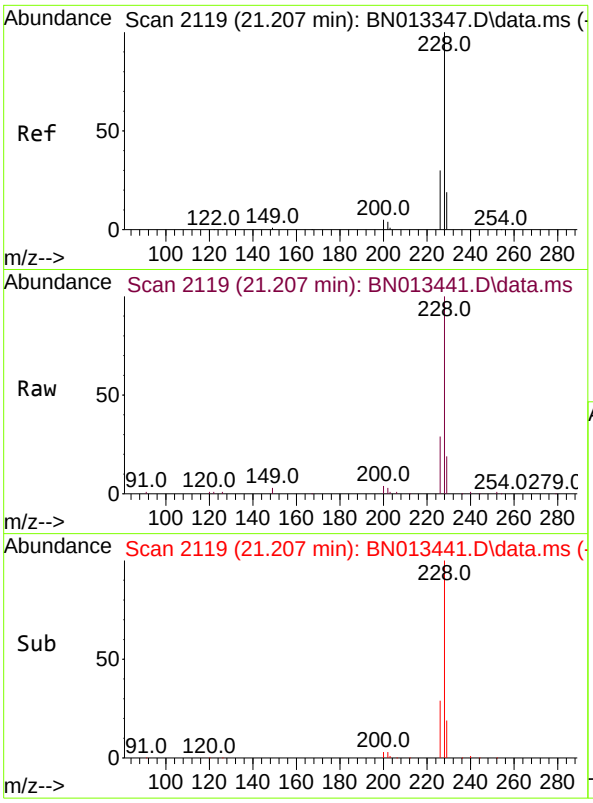


#32
Benzo(a)anthracene
Concen: 0.33 ng
RT: 21.154 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:228 Resp: 28797

Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.5	30.7
229	19.7	16.2	24.4

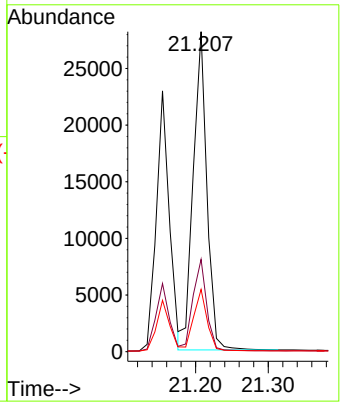




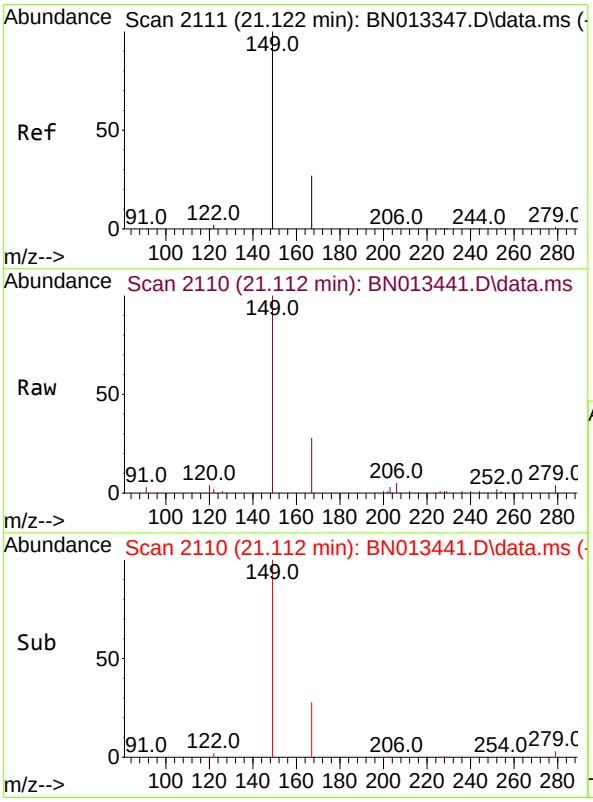
#33
Chrysene
Concen: 0.39 ng
RT: 21.207 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:228 Resp: 36801

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.3	36.5
229	19.4	15.1	22.7



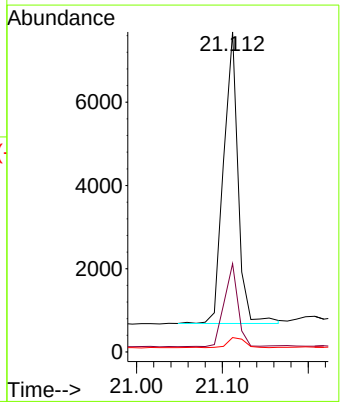
Instrument :
BNA_N
ClientSampleId :
PB134239BSD



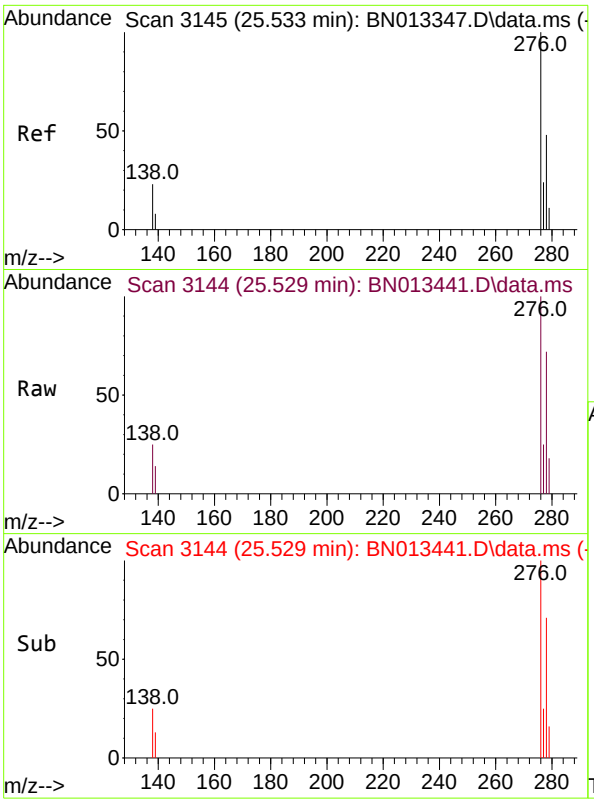
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.112 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:149 Resp: 8203

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	4.2	3.5	5.3



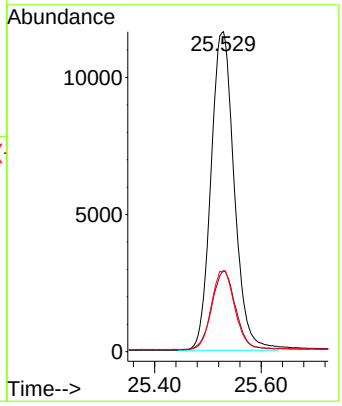
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

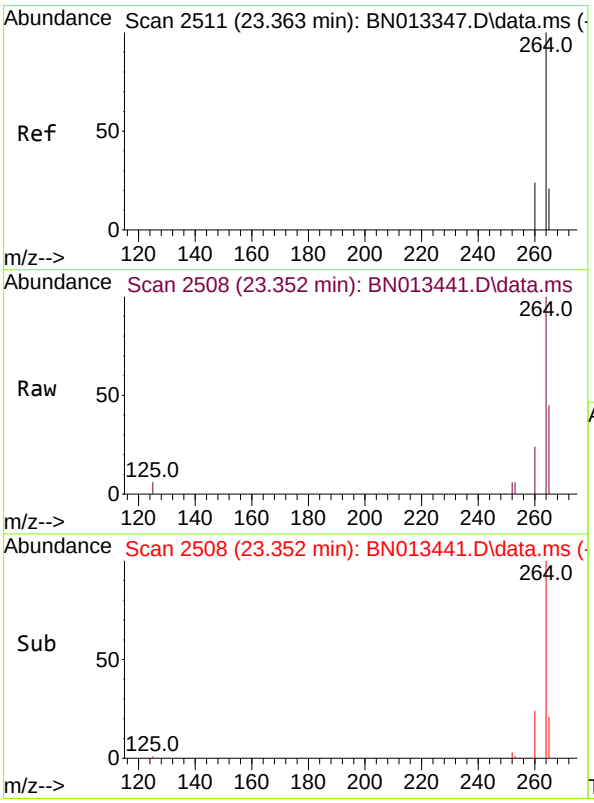


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.529 min Scan# 3144
Delta R.T. 0.003 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:276 Resp: 35249

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.6
277	25.0	19.9	29.9

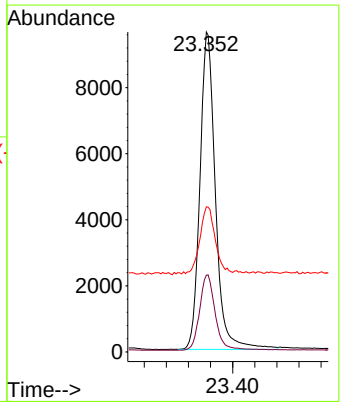




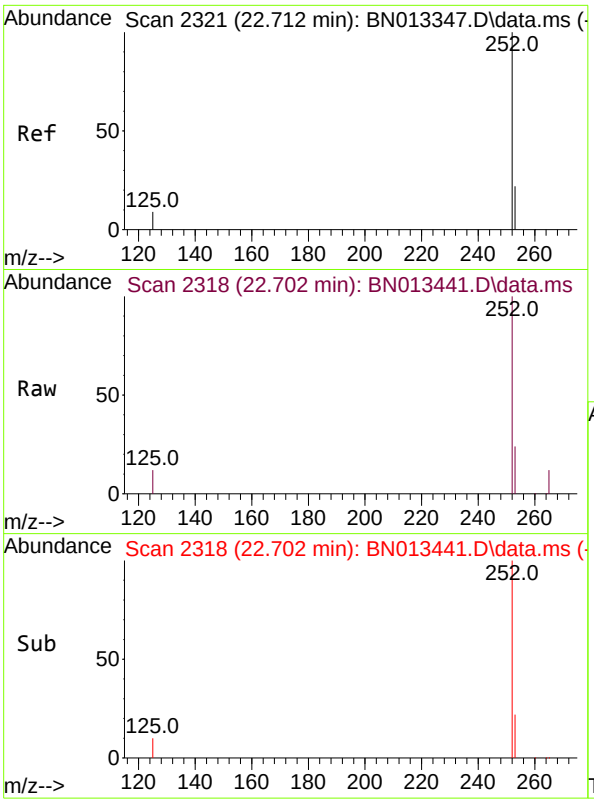
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.352 min Scan# 2508
Delta R.T. -0.004 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:264 Resp: 18687

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	45.4	66.2	99.4#



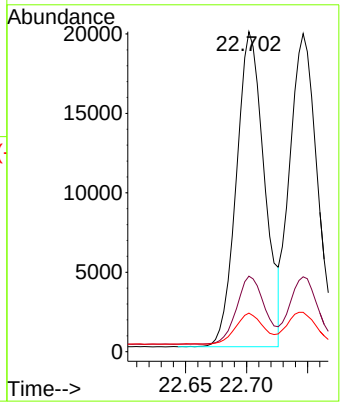
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

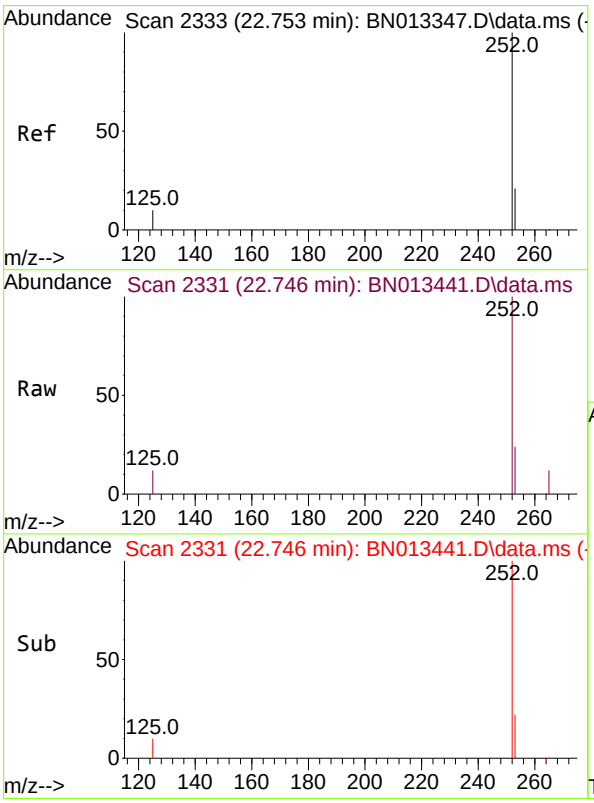


#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 22.702 min Scan# 2318
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:252 Resp: 31709

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.4	30.6
125	12.1	11.6	17.4

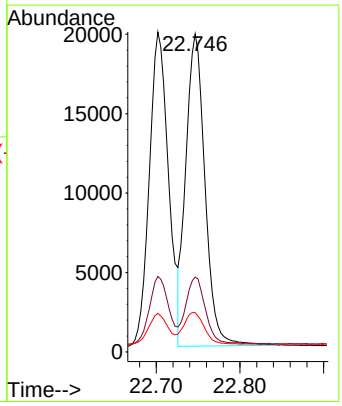




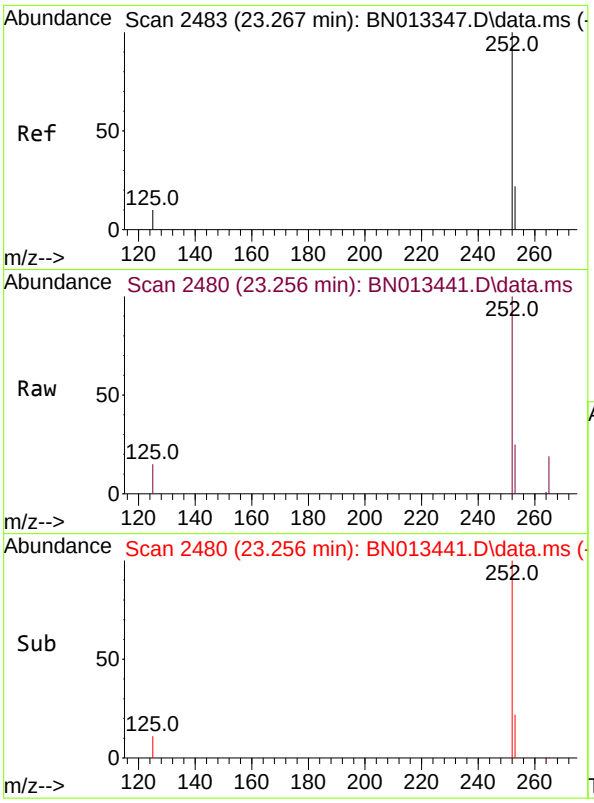
#38
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.746 min Scan# 2331
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:252 Resp: 31316

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.5	30.7
125	12.4	12.3	18.5



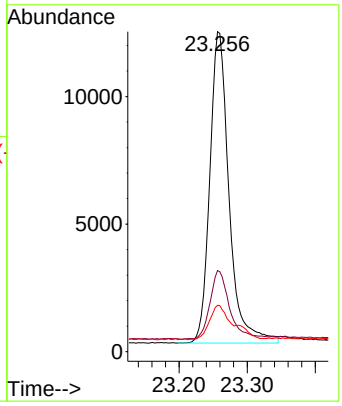
Instrument :
BNA_N
ClientSampleId :
PB134239BSD

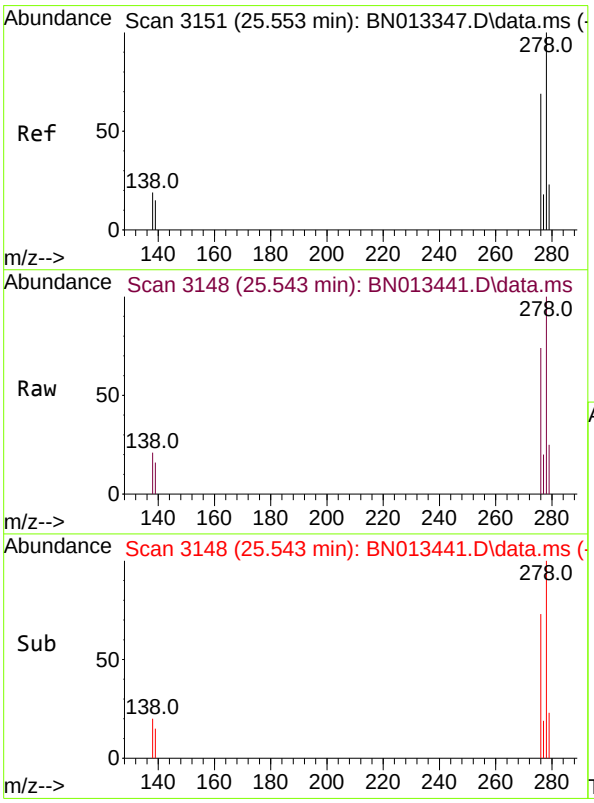


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.256 min Scan# 2480
Delta R.T. -0.004 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:252 Resp: 23955

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.8	32.6
125	14.5	14.6	21.8#

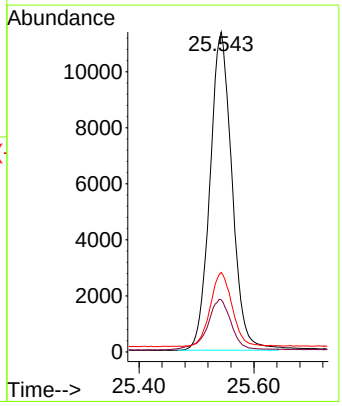


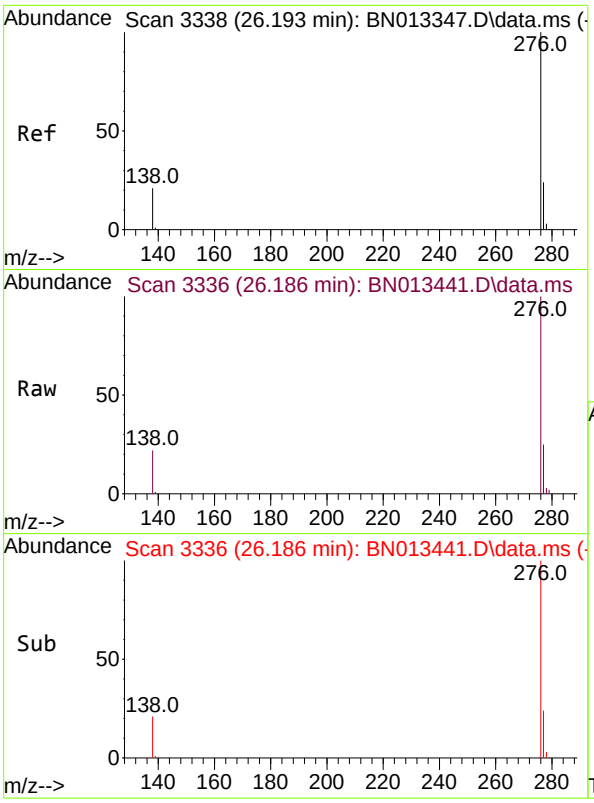


#40
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 25.543 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:278 Resp: 30290

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.1	19.7
279	24.8	21.4	32.0

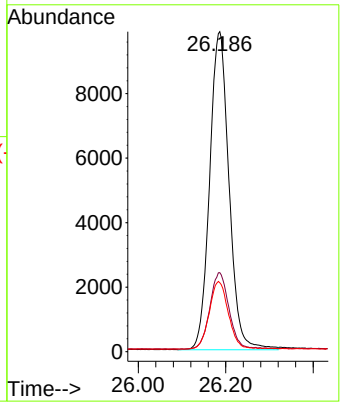




#41
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.186 min Scan# 3336
Delta R.T. -0.000 min
Lab File: BN013441.D
Acq: 20 Jan 2021 16:49

Tgt Ion:276 Resp: 30309

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.0	30.0
138	21.6	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134239BSD