Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016992.D
Acq On : 18 Oct 2021 17:50
Operator : CG/JU
Sample : PB139971BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139971BSD

Quant Time: Oct 18 18:22:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 15:14:53 2021
Response via : Initial Calibration

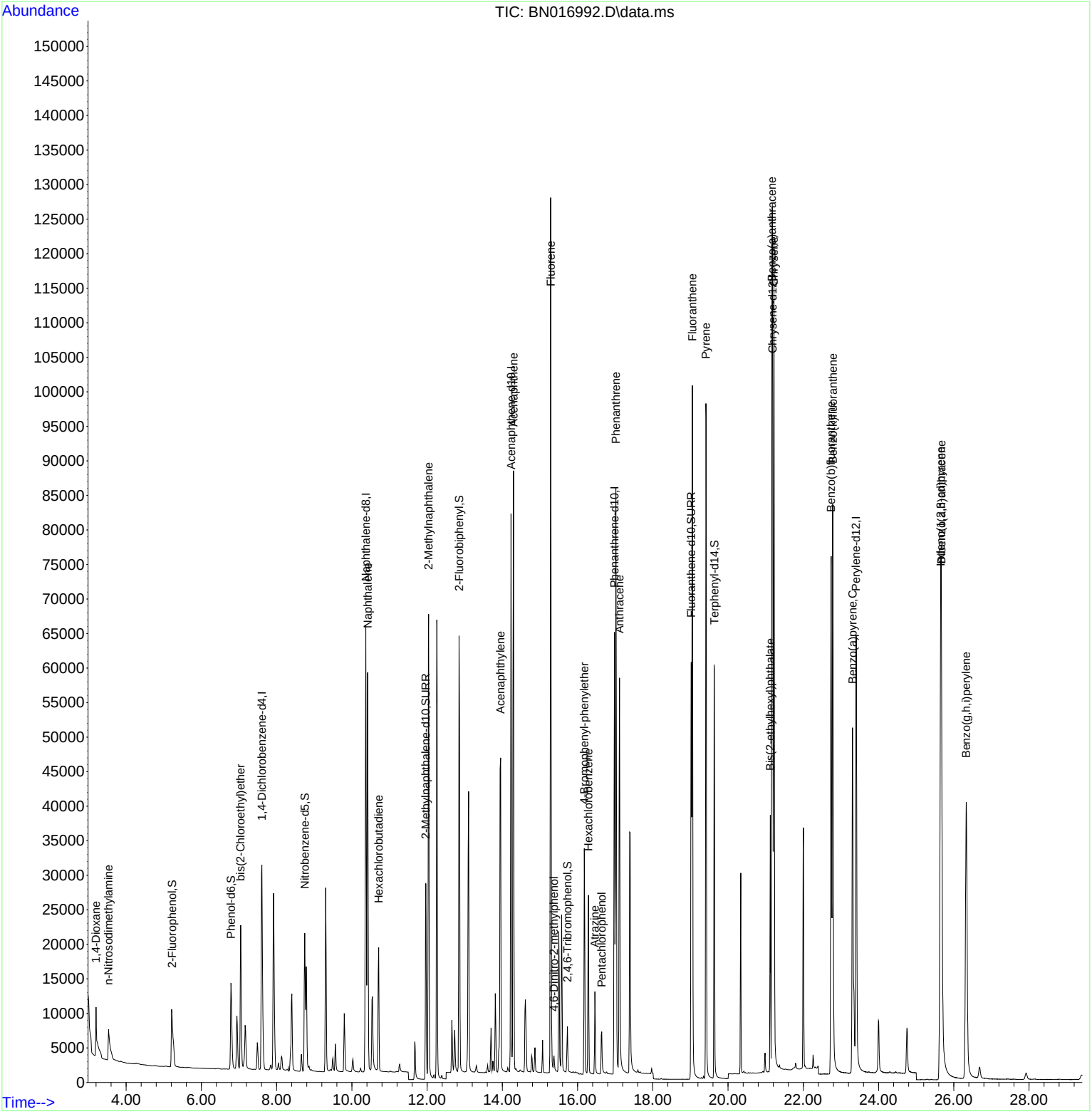
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.607	152	19238	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	85223	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	44971	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	84332	0.40	ng		0.00
29) Chrysene-d12	21.186	240	85053	0.40	ng		0.00
35) Perylene-d12	23.404	264	85676	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.219	112	13750	0.34	ng		0.00
5) Phenol-d6	6.786	99	15435	0.33	ng		0.00
8) Nitrobenzene-d5	8.748	82	18024	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	40409	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	5609	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	60470	0.36	ng		0.00
27) Fluoranthene-d10	19.020	212	70210	0.33	ng		0.00
31) Terphenyl-d14	19.635	244	64133	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	4028	0.32	ng		99
3) n-Nitrosodimethylamine	3.531	42	4982	0.33	ng		99
6) bis(2-Chloroethyl)ether	7.044	93	18611	0.35	ng		100
9) Naphthalene	10.421	128	76743	0.35	ng		100
10) Hexachlorobutadiene	10.712	225	15284	0.35	ng	#	100
12) 2-Methylnaphthalene	12.040	142	49285	0.35	ng		100
16) Acenaphthylene	13.953	152	59885	0.33	ng		100
17) Acenaphthene	14.295	154	42724	0.34	ng		100
18) Fluorene	15.285	166	51670	0.34	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	1804	0.34	ng		100
21) 4-Bromophenyl-phenylether	16.179	248	16680	0.34	ng		96
22) Hexachlorobenzene	16.289	284	20245	0.36	ng		99
23) Atrazine	16.459	200	9581	0.35	ng		99
24) Pentachlorophenol	16.642	266	3850	0.38	ng		99
25) Phenanthrene	17.019	178	84550	0.35	ng		100
26) Anthracene	17.116	178	67801	0.33	ng		100
28) Fluoranthene	19.049	202	93122	0.36	ng		100
30) Pyrene	19.412	202	92660	0.35	ng		100
32) Benzo(a)anthracene	21.165	228	86495	0.34	ng		99
33) Chrysene	21.218	228	96697	0.35	ng		99
34) Bis(2-ethylhexyl)phtha...	21.123	149	29928	0.39	ng		100
36) Indeno(1,2,3-cd)pyrene	25.649	276	102300	0.35	ng		99
37) Benzo(b)fluoranthene	22.740	252	92797	0.33	ng		100
38) Benzo(k)fluoranthene	22.784	252	99335	0.36	ng	#	98
39) Benzo(a)pyrene	23.308	252	83052	0.34	ng		100
40) Dibenzo(a,h)anthracene	25.670	278	81461	0.35	ng		99
41) Benzo(g,h,i)perylene	26.330	276	88267	0.34	ng		100

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

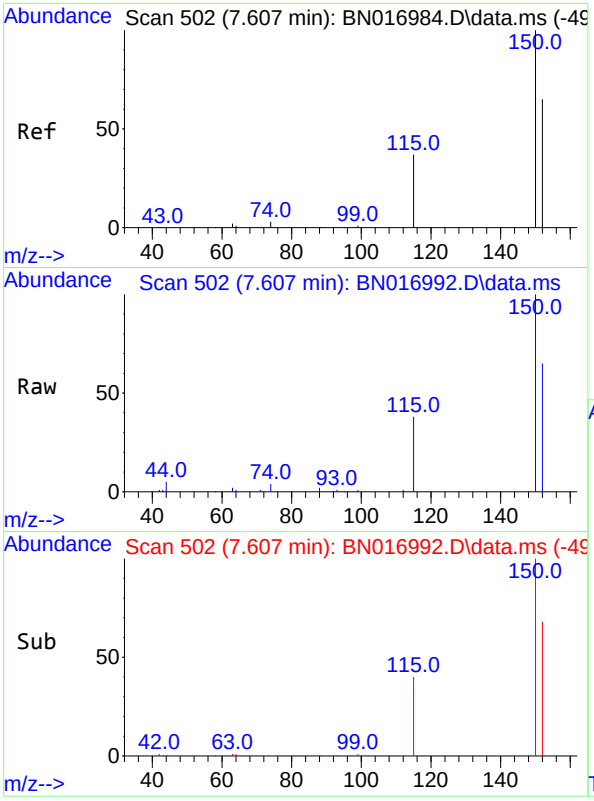
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016992.D
Acq On : 18 Oct 2021 17:50
Operator : CG/JU
Sample : PB139971BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139971BSD

Quant Time: Oct 18 18:22:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 15:14:53 2021
Response via : Initial Calibration



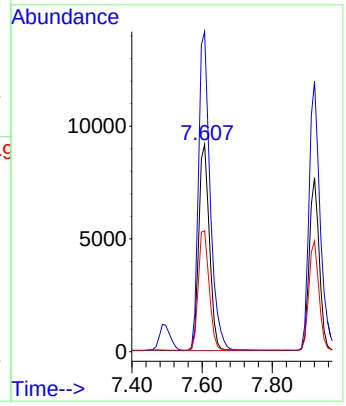
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

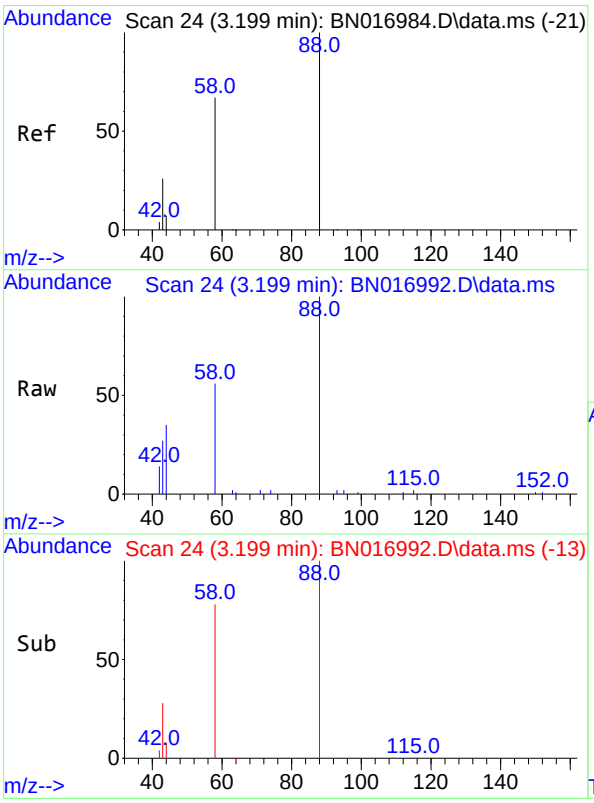


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.607 min Scan# 502
Delta R.T. -0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:152 Resp: 19238

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.4
115	58.4	46.3	69.5

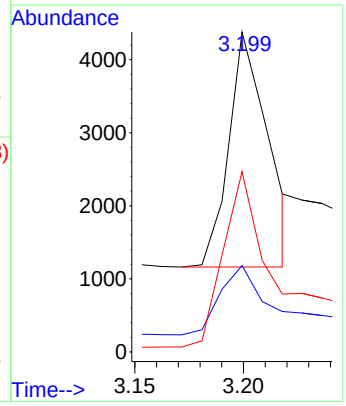




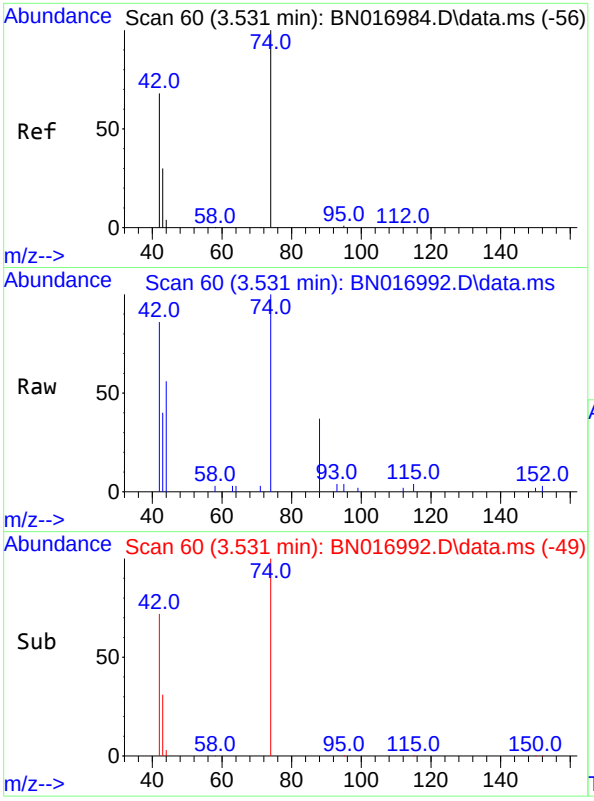
#2
1,4-Dioxane
Concen: 0.32 ng
RT: 3.199 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion: 88 Resp: 4028

Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.8	40.2
58	77.9	63.0	94.4



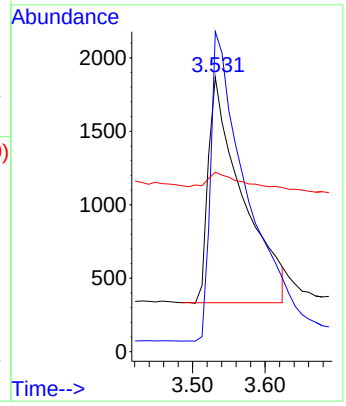
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

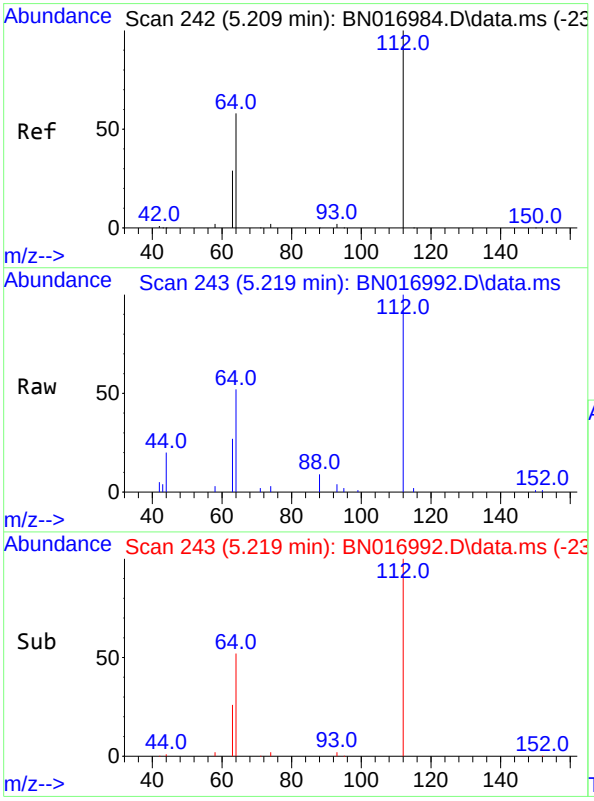


#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.531 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion: 42 Resp: 4982

Ion	Ratio	Lower	Upper
42	100		
74	143.9	114.7	172.1
44	5.6	3.8	5.6

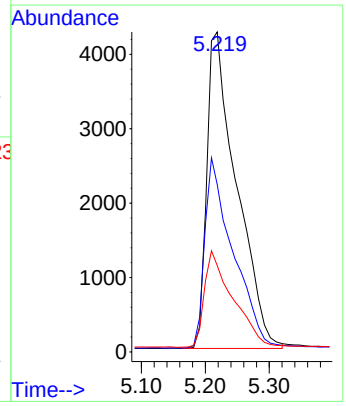




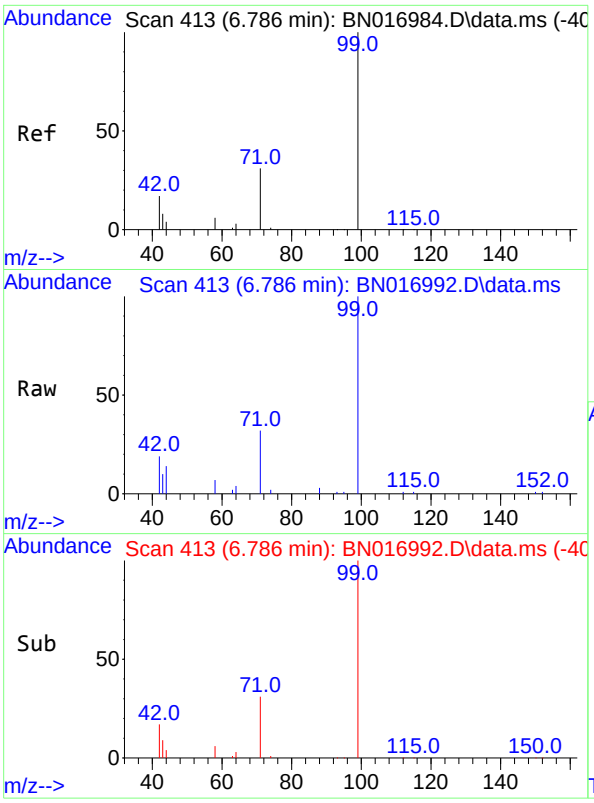
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.219 min Scan# 243
Delta R.T. 0.009 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:112 Resp: 13750

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.5	68.3
63	29.2	23.0	34.6



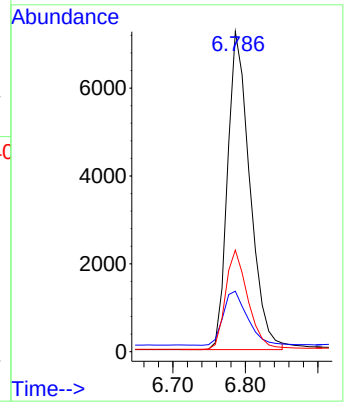
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

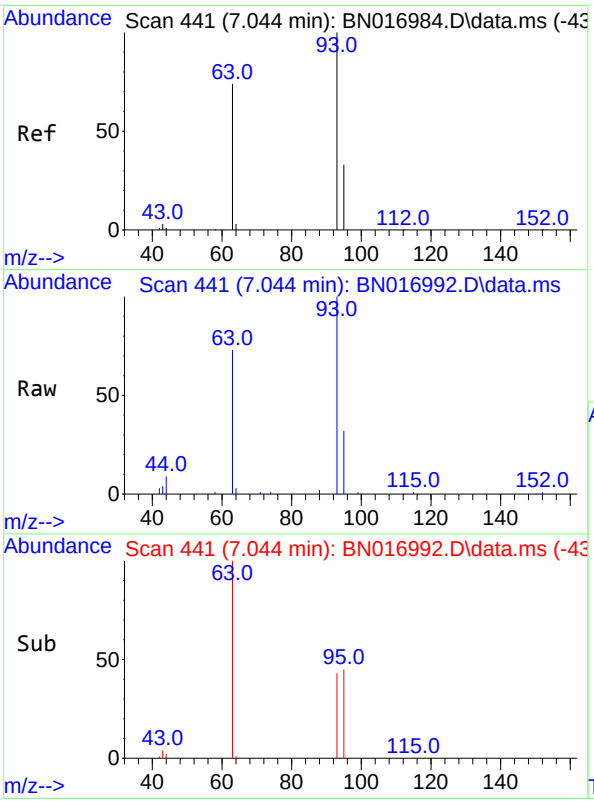


#5
Phenol-d6
Concen: 0.33 ng
RT: 6.786 min Scan# 413
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion: 99 Resp: 15435

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	31.2	24.8	37.2

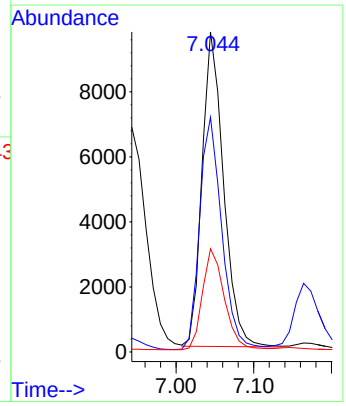




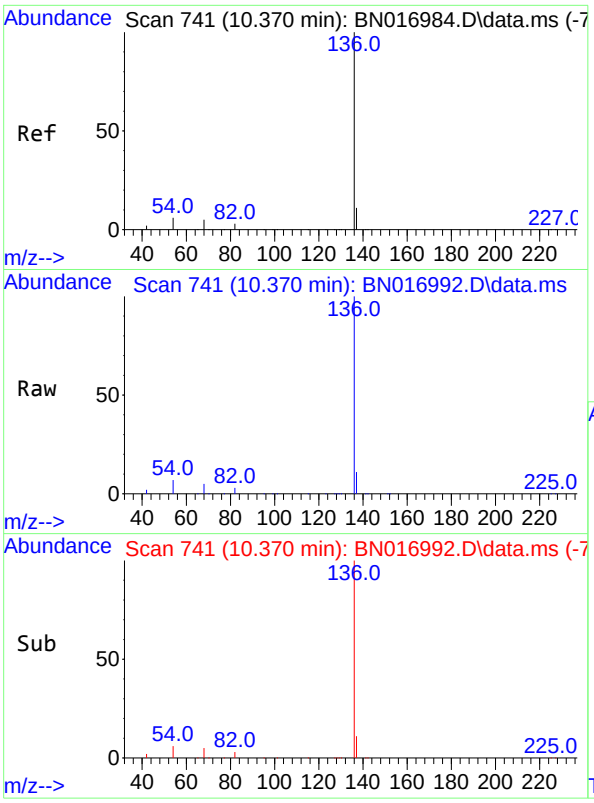
#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.044 min Scan# 441
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion: 93 Resp: 18611

Ion	Ratio	Lower	Upper
93	100		
63	76.0	60.9	91.3
95	32.7	26.4	39.6



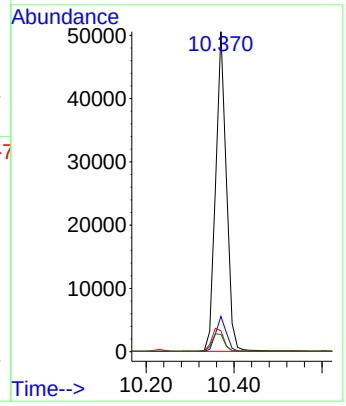
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

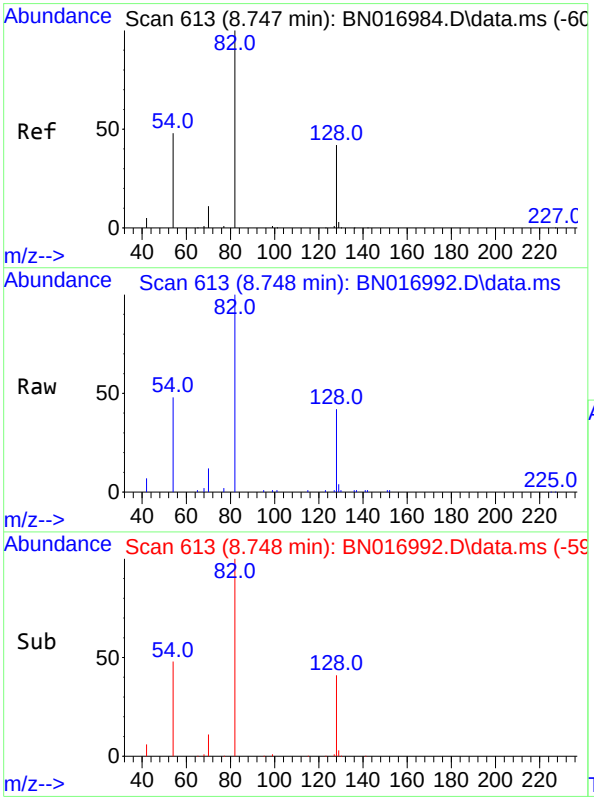


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:136 Resp: 85223

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.2	7.8
68	5.4	4.4	6.6

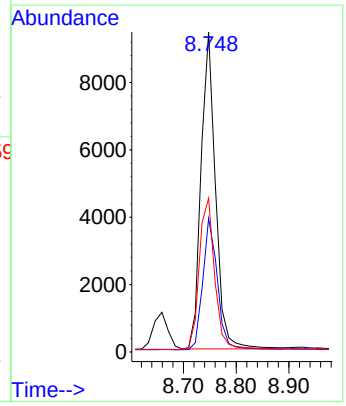


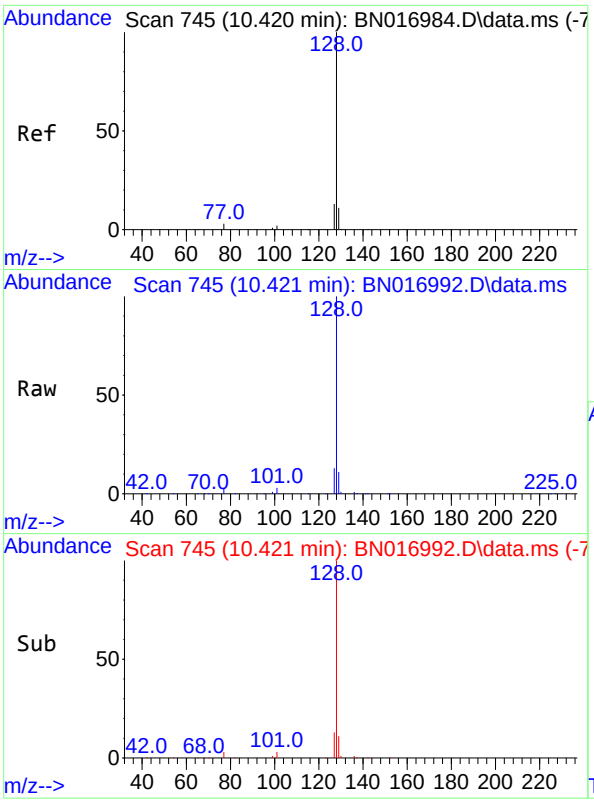


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion: 82 Resp: 18024

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.9	50.9
54	48.1	38.3	57.5

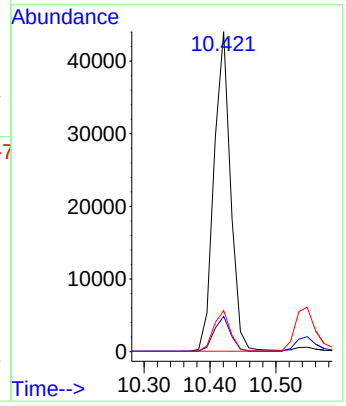




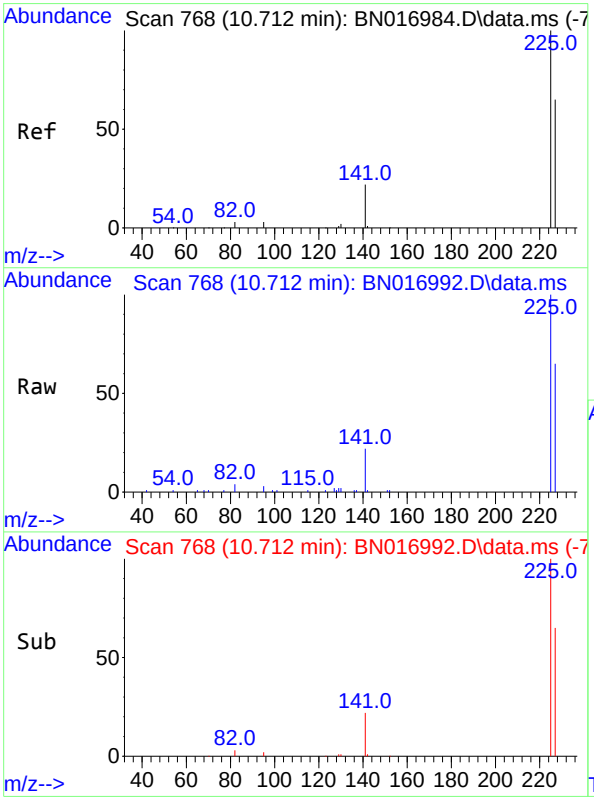
#9
Naphthalene
Concen: 0.35 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:128 Resp: 76743

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.3	15.5



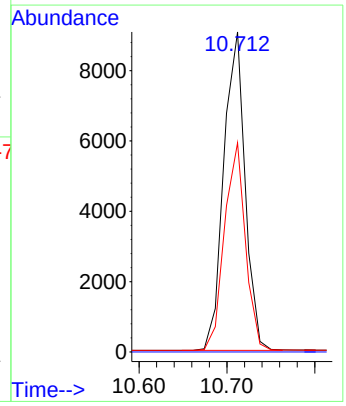
Instrument :
BNA_N
ClientSampleId :
PB139971BSD



#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.712 min Scan# 768
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:225 Resp: 15284

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



Instrument :
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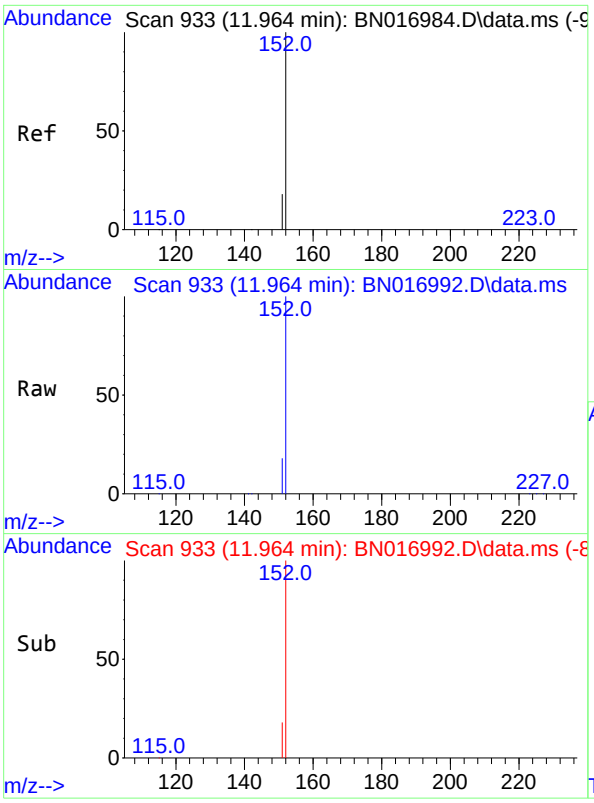
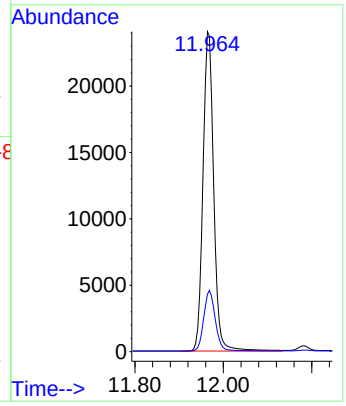
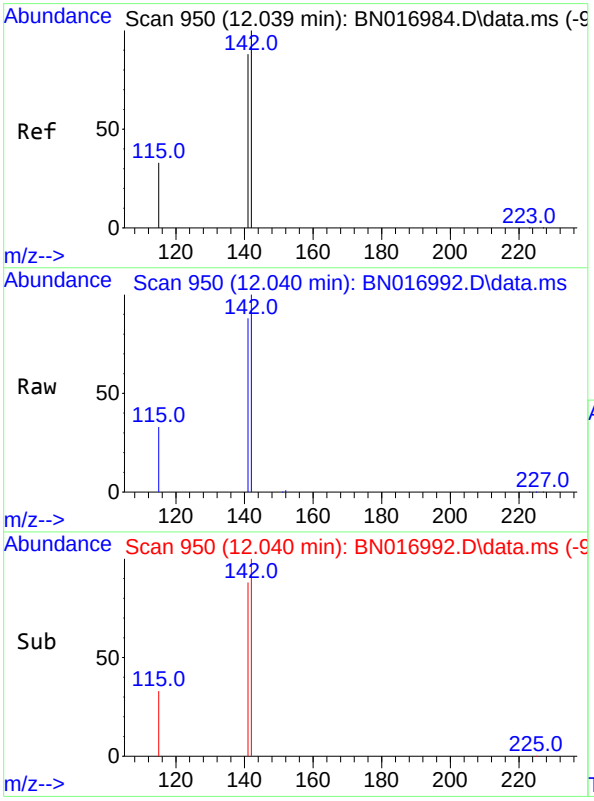


#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:152 Resp: 40409

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

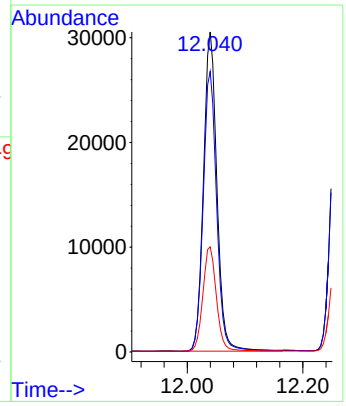




#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.040 min Scan# 950
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:142 Resp: 49285

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	32.8	26.4	39.6



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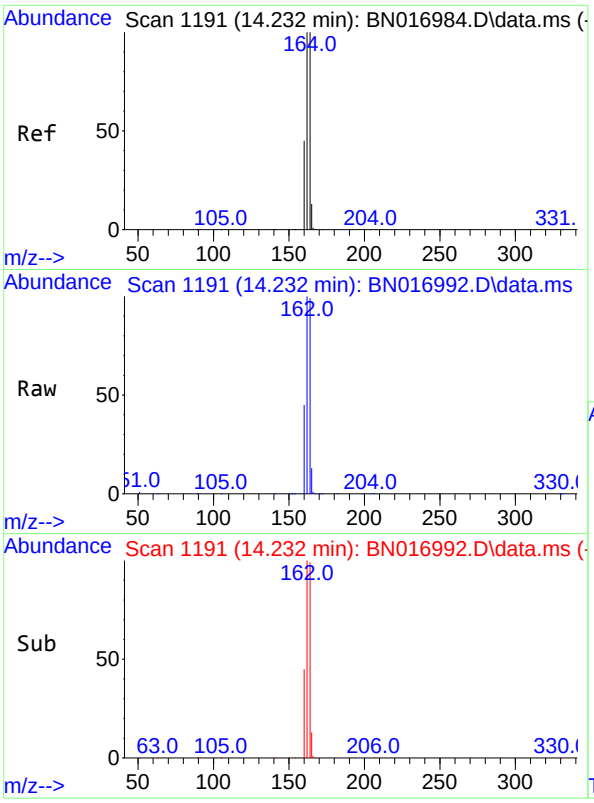
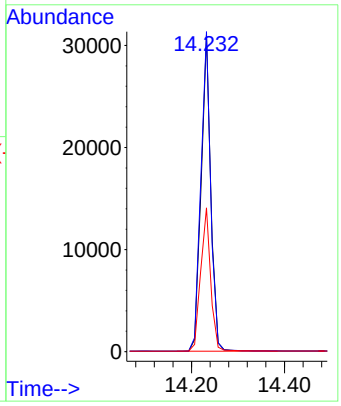
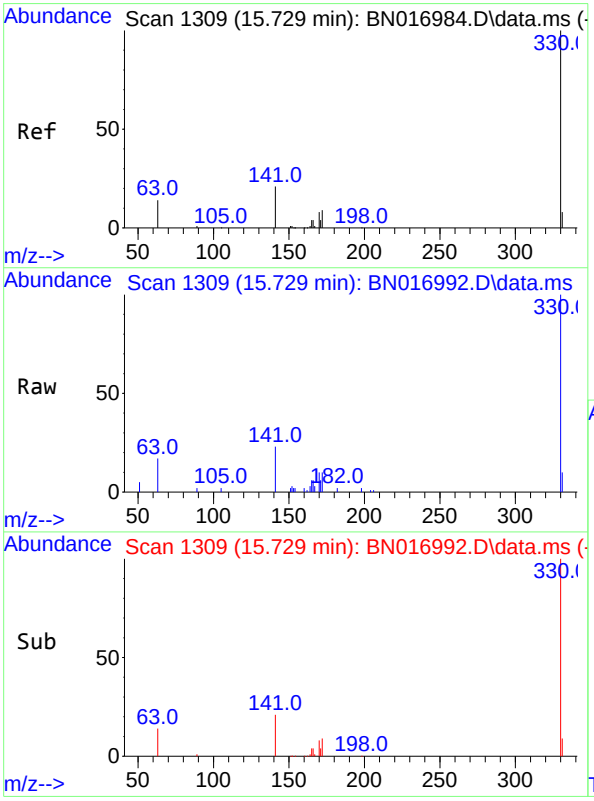


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.232 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:164 Resp: 44971

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	45.4	36.0	54.0

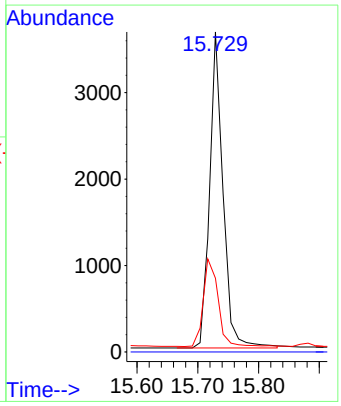




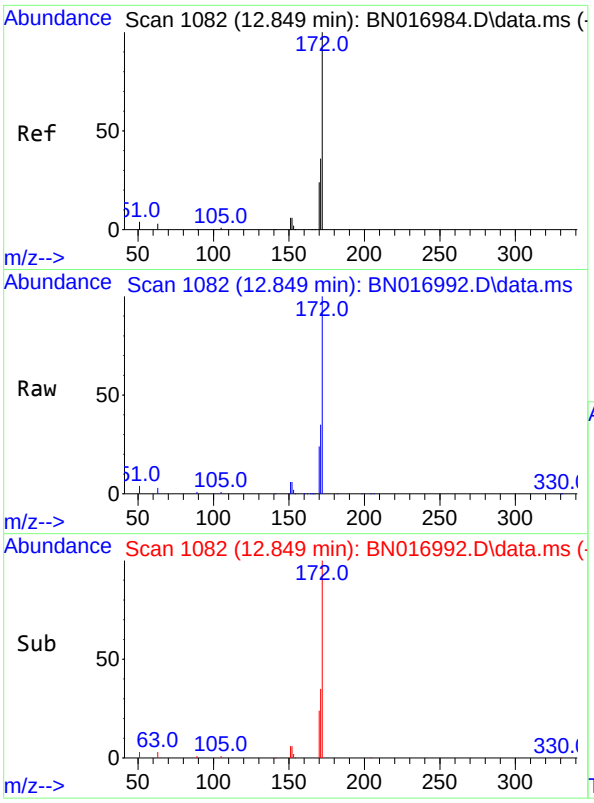
#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:330 Resp: 5609

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.7	25.6	38.4



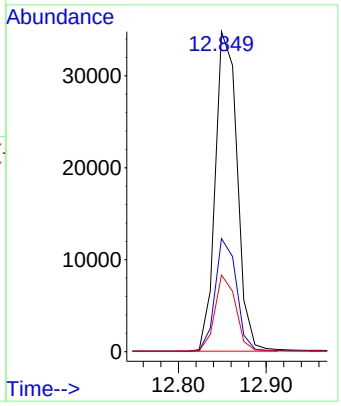
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

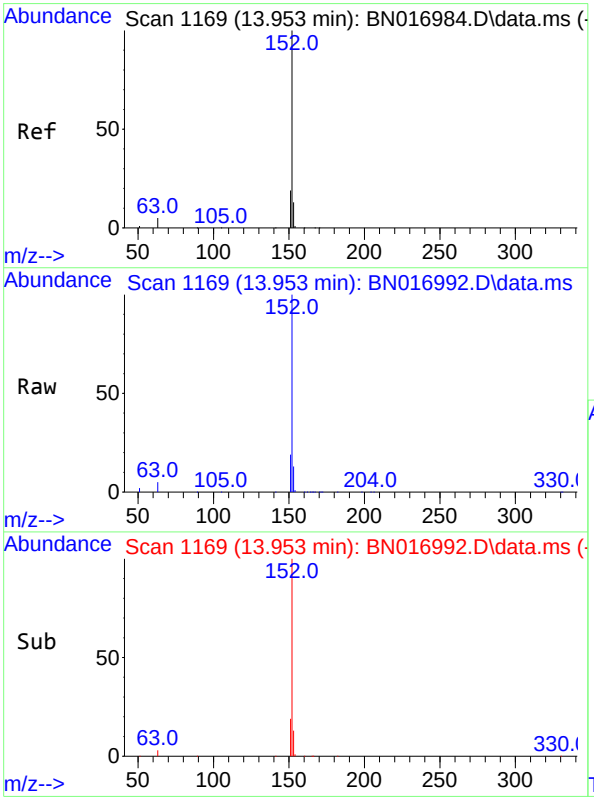


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:172 Resp: 60470

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.0	19.6	29.4

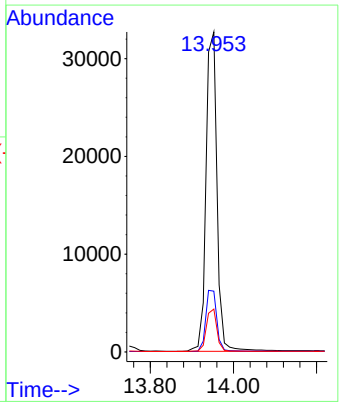




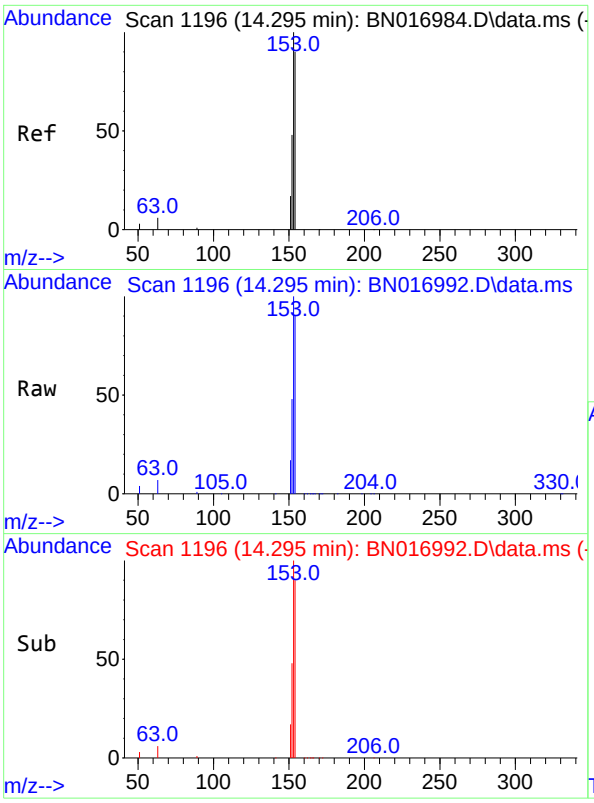
#16
Acenaphthylene
Concen: 0.33 ng
RT: 13.953 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:152 Resp: 59885

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.0	10.4	15.6



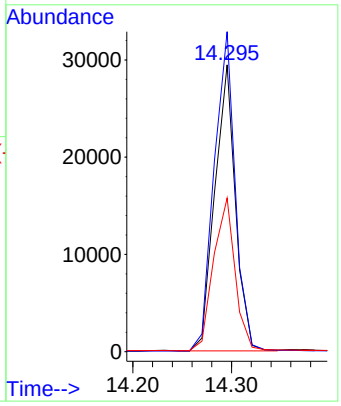
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

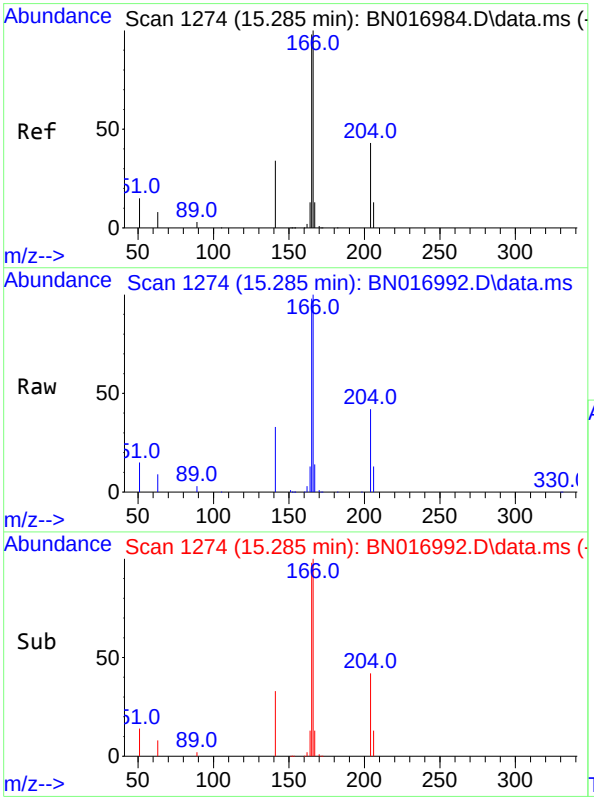


#17
Acenaphthene
Concen: 0.34 ng
RT: 14.295 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:154 Resp: 42724

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.1	136.7
152	56.0	44.8	67.2

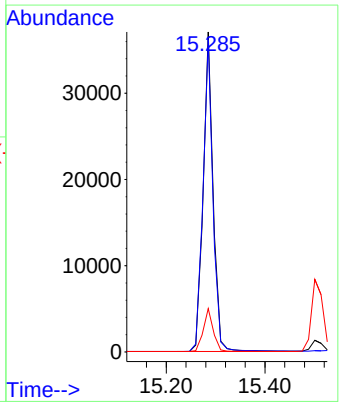




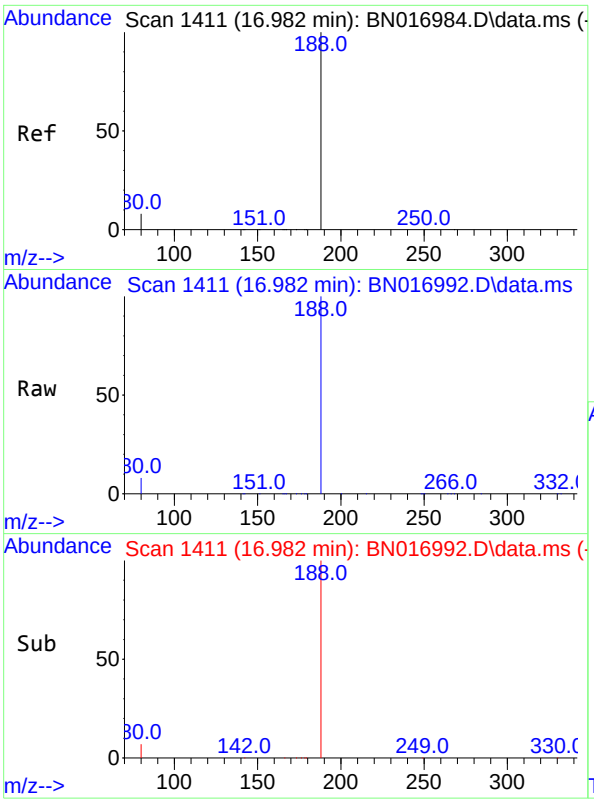
#18
Fluorene
Concen: 0.34 ng
RT: 15.285 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:166 Resp: 51670

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.5	10.8	16.2



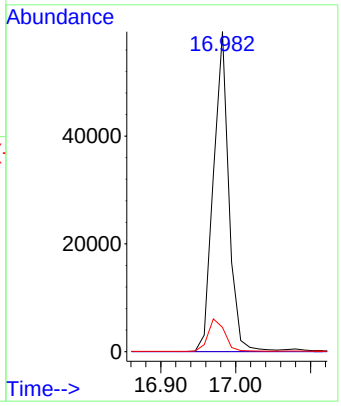
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

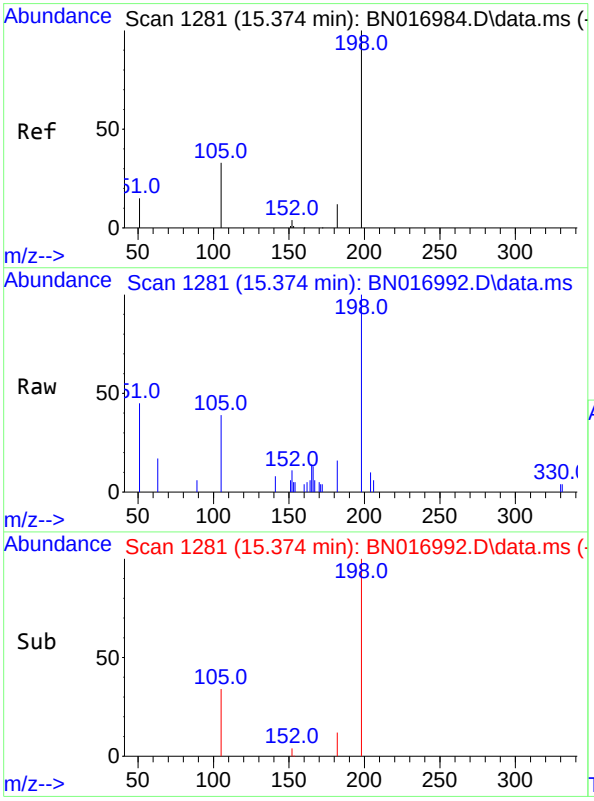


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.982 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:188 Resp: 84332

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.2	9.4

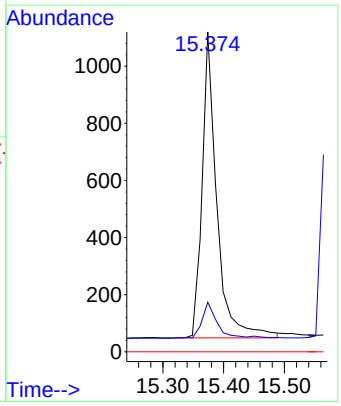




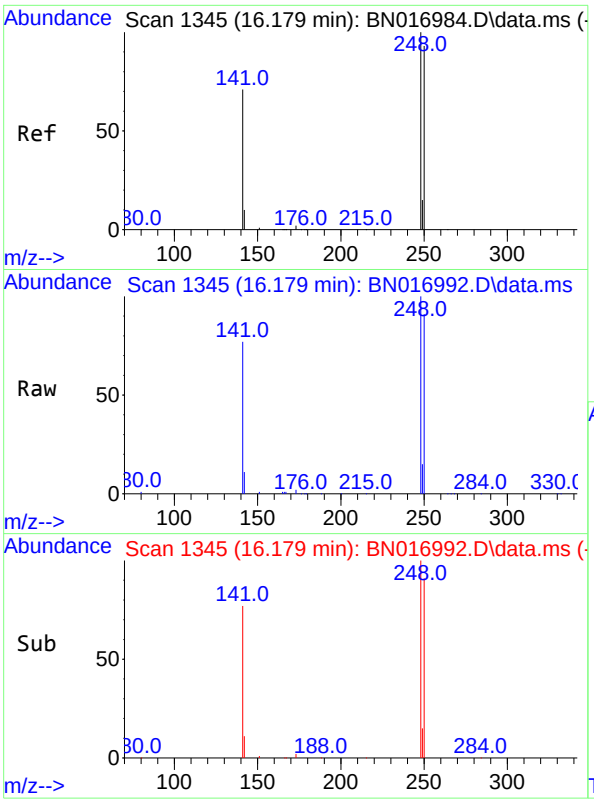
#20
4,6-Dinitro-2-methylphenol
Concen: 0.34 ng
RT: 15.374 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:198 Resp: 1804

Ion	Ratio	Lower	Upper
198	100		
182	15.5	12.5	18.7
77	0.0	0.0	0.0



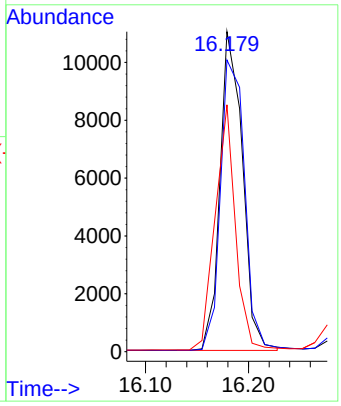
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

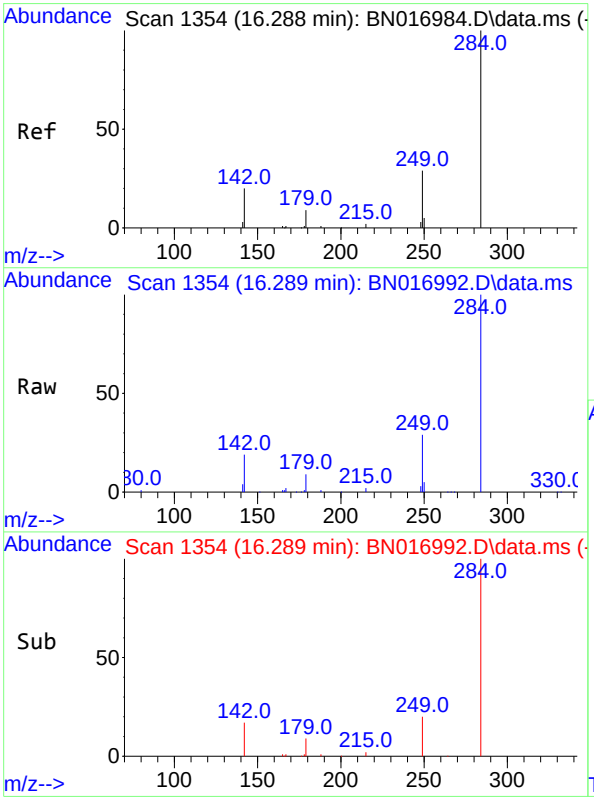


#21
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.179 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:248 Resp: 16680

Ion	Ratio	Lower	Upper
248	100		
250	91.1	74.3	111.5
141	77.2	57.0	85.4

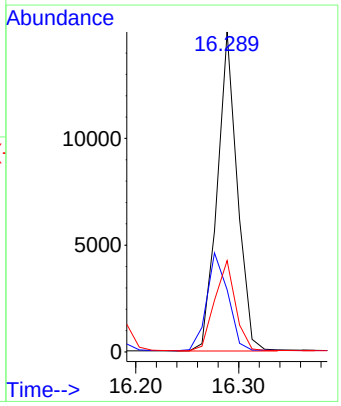




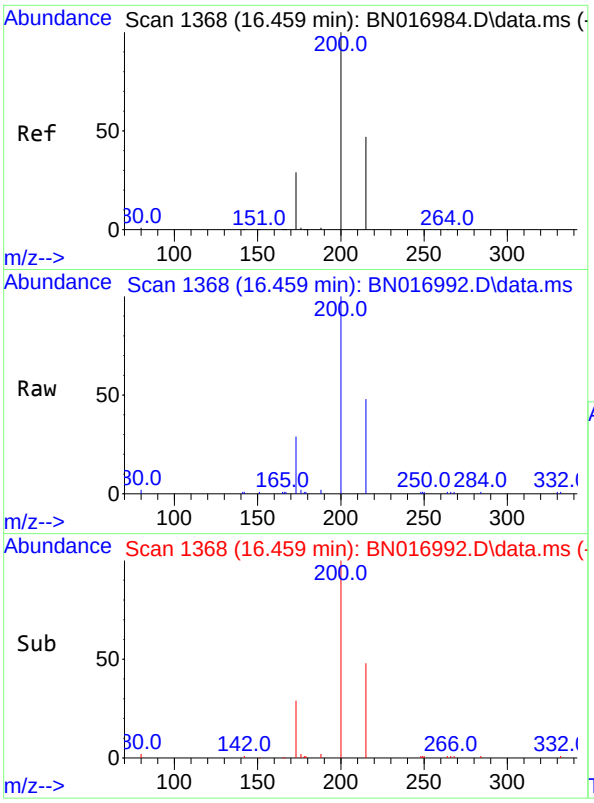
#22
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.289 min Scan# 1354
Delta R.T. 0.001 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:284 Resp: 20245

Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.6	39.8
249	29.1	23.8	35.6



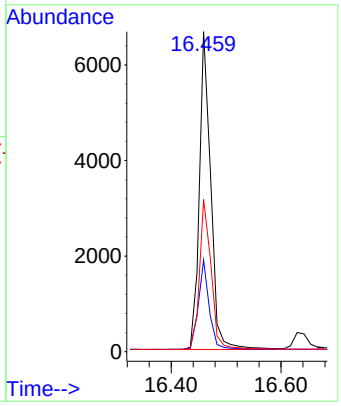
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

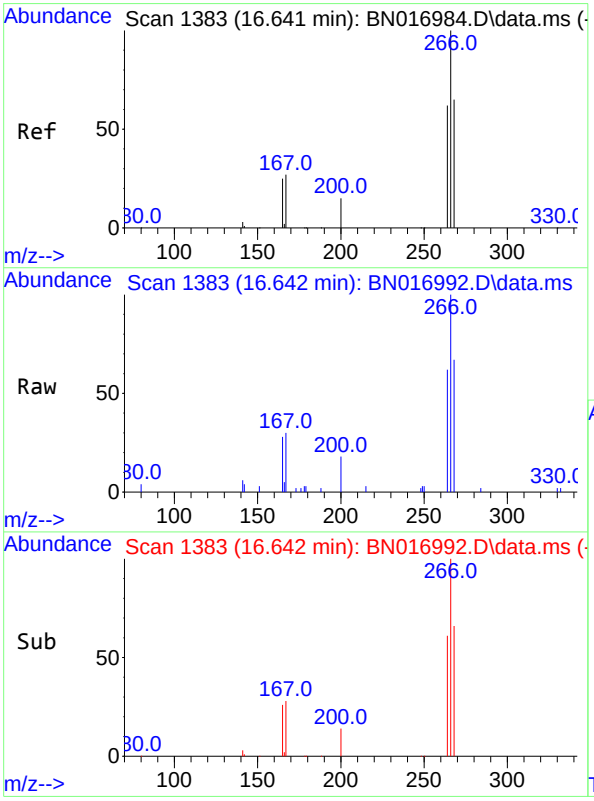


#23
Atrazine
Concen: 0.35 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:200 Resp: 9581

Ion	Ratio	Lower	Upper
200	100		
173	28.6	23.5	35.3
215	47.5	37.9	56.9

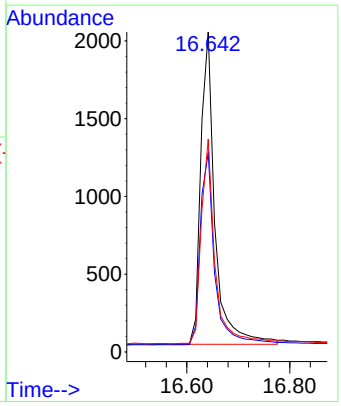




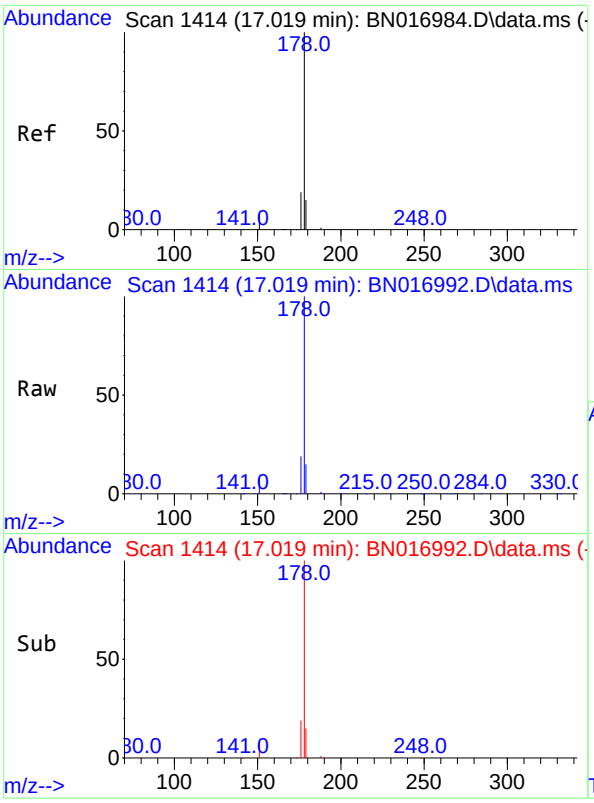
#24
Pentachlorophenol
Concen: 0.38 ng
RT: 16.642 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:266 Resp: 3850

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	64.3	50.9	76.3



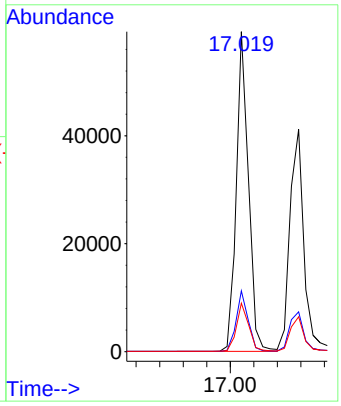
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

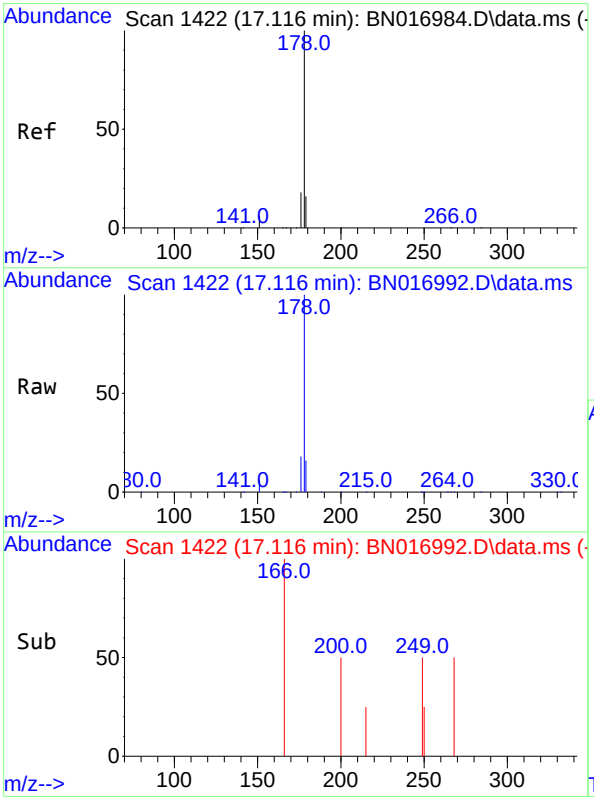


#25
Phenanthrene
Concen: 0.35 ng
RT: 17.019 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:178 Resp: 84550

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

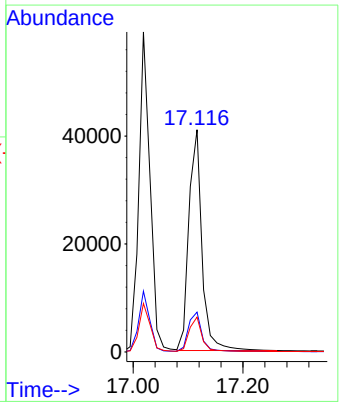




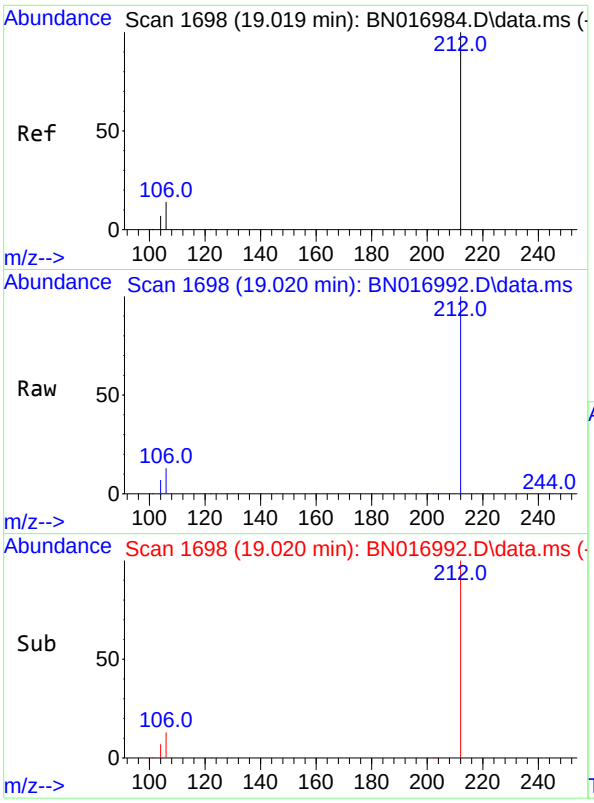
#26
Anthracene
Concen: 0.33 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:178 Resp: 67801

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.3	18.5



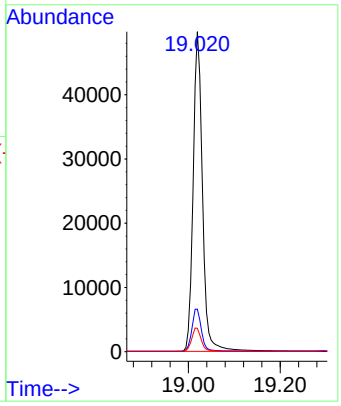
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

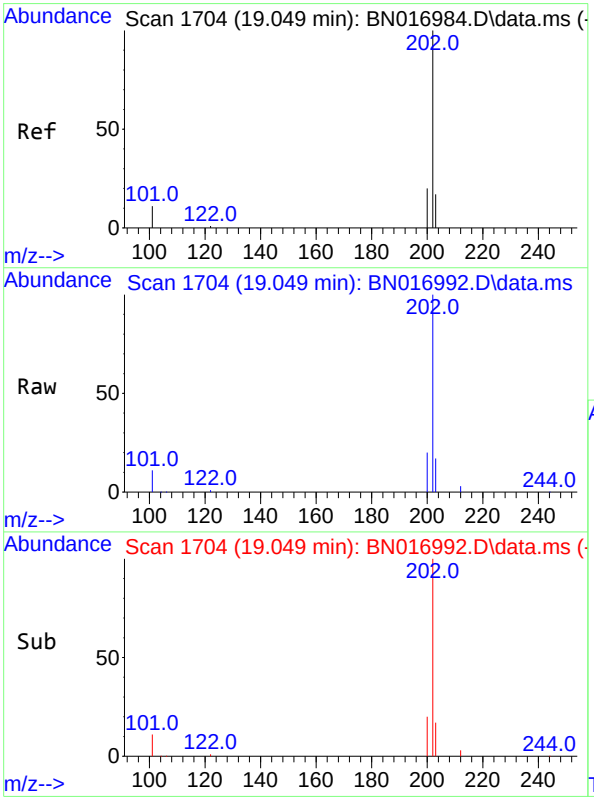


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:212 Resp: 70210

Ion	Ratio	Lower	Upper
212	100		
106	13.6	11.0	16.4
104	7.5	6.0	9.0

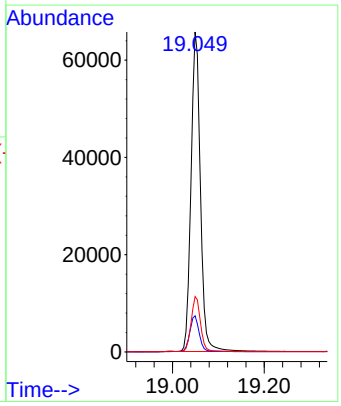




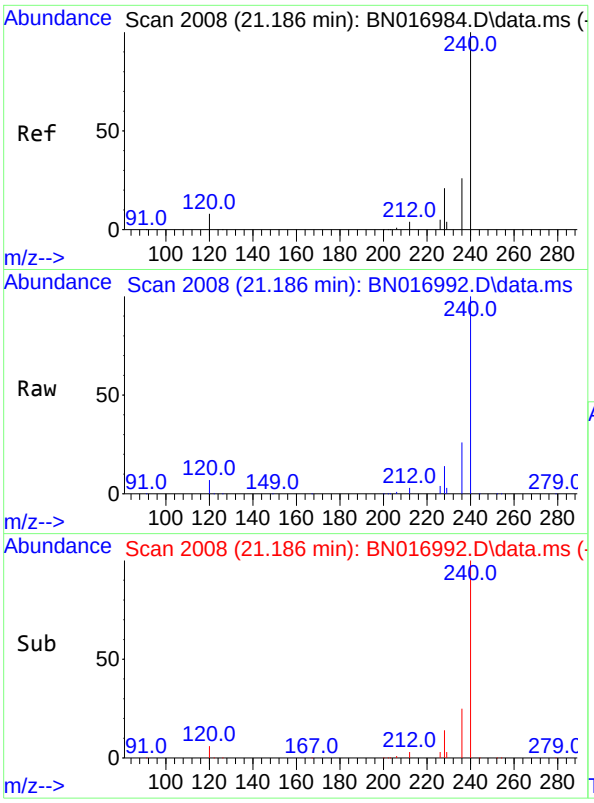
#28
Fluoranthene
Concen: 0.36 ng
RT: 19.049 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:202 Resp: 93122

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.3	13.8	20.8



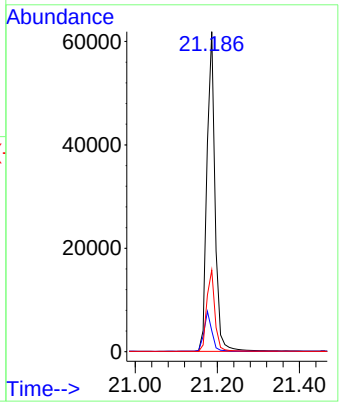
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

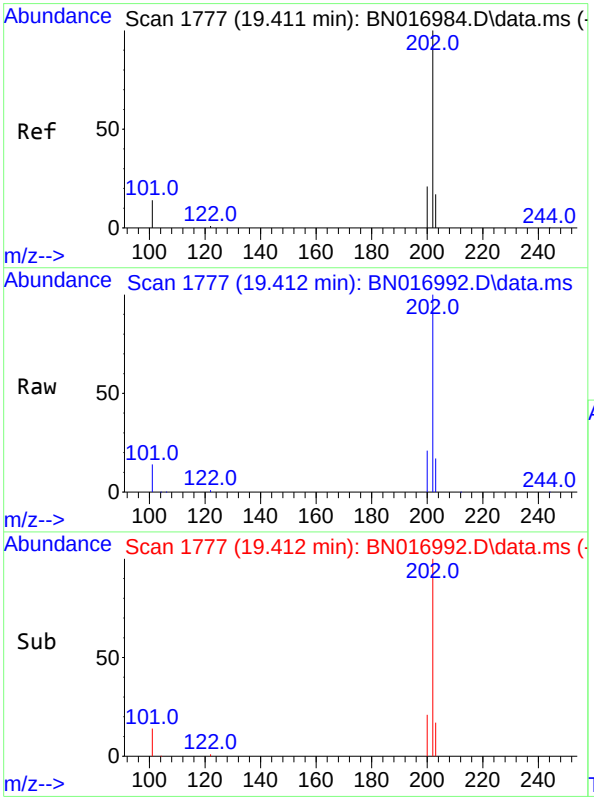


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:240 Resp: 85053

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.4	9.6
236	25.5	20.6	31.0

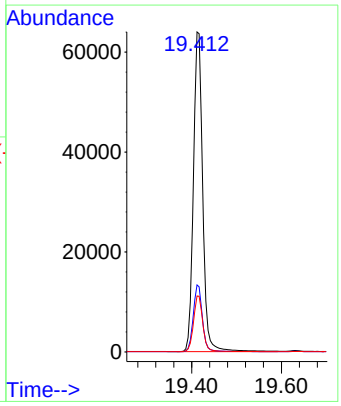




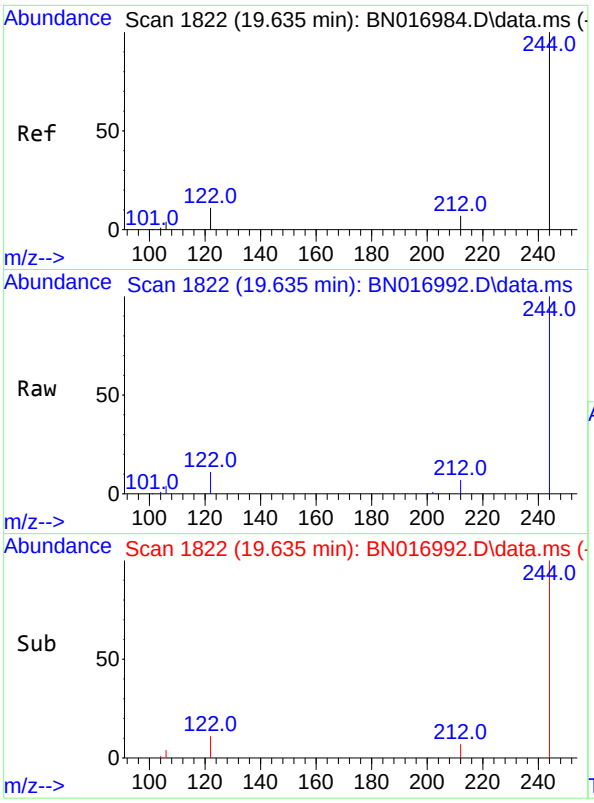
#30
Pyrene
Concen: 0.35 ng
RT: 19.412 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:202 Resp: 92660

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0



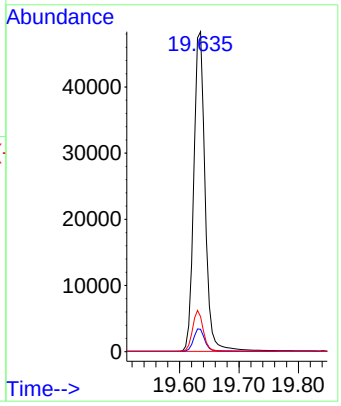
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

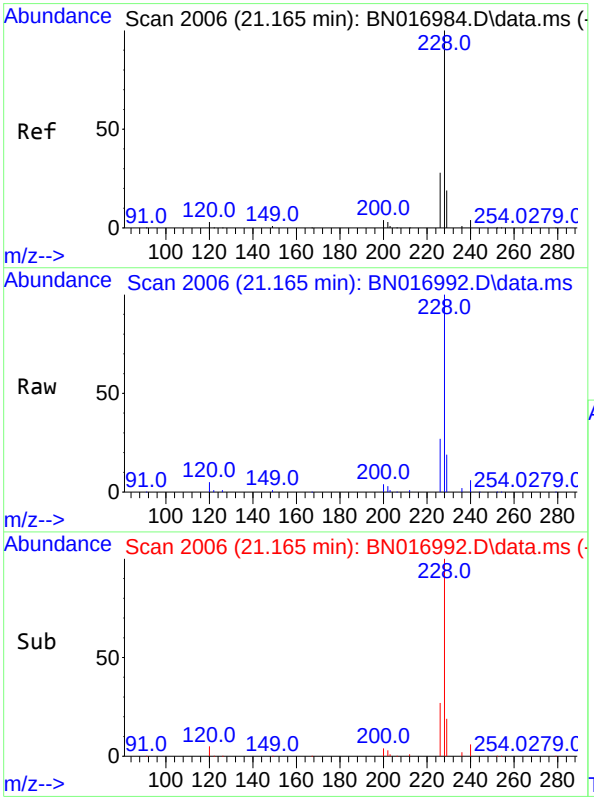


#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.635 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:244 Resp: 64133

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.9	9.0	13.6

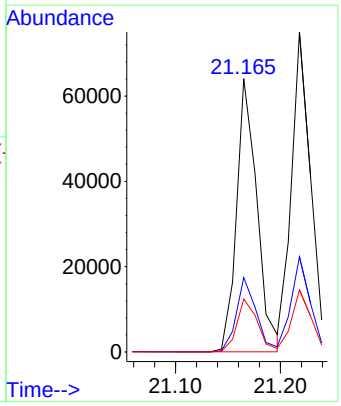




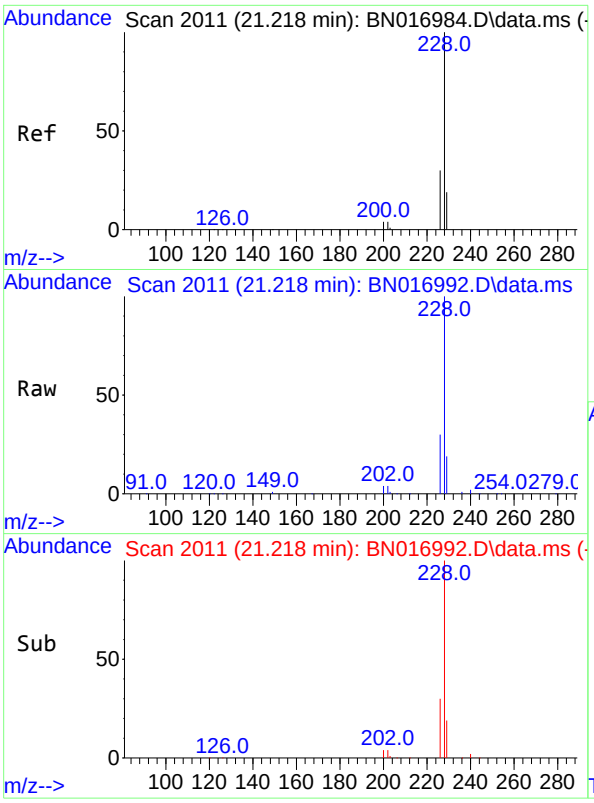
#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.165 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:228 Resp: 86495

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.4	15.4	23.0



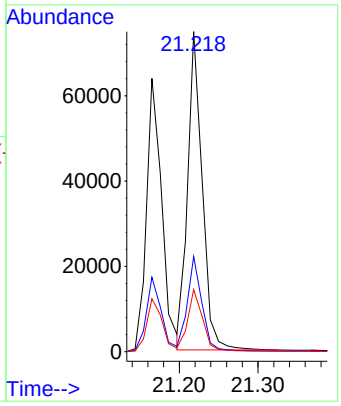
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

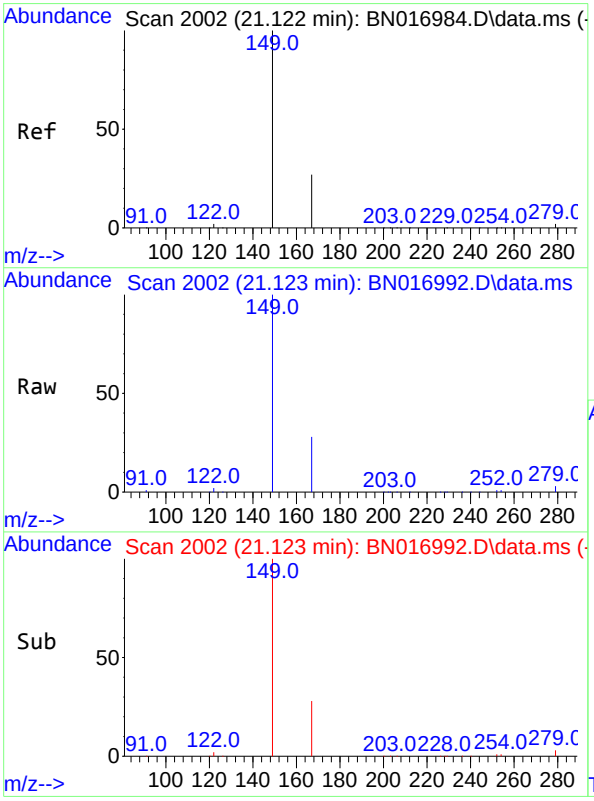


#33
Chrysene
Concen: 0.35 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:228 Resp: 96697

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.4	15.4	23.2

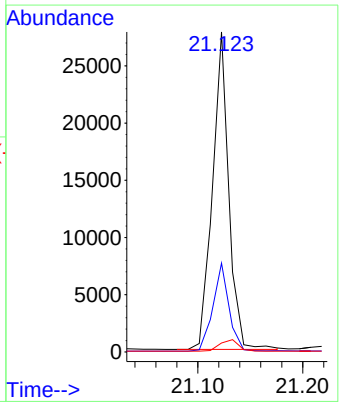




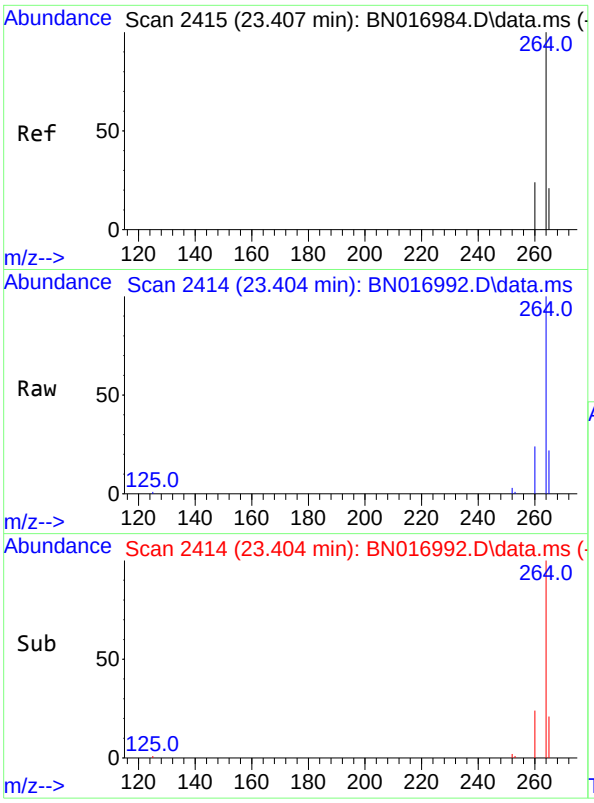
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:149 Resp: 29928

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.6
279	4.2	3.4	5.0



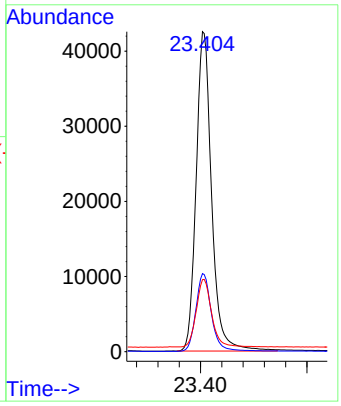
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

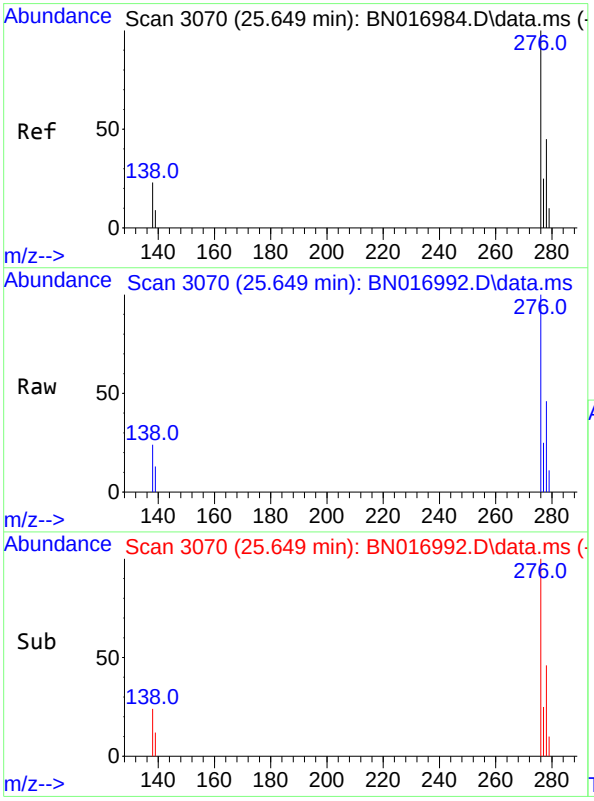


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.404 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:264 Resp: 85676

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.5	18.3	27.5

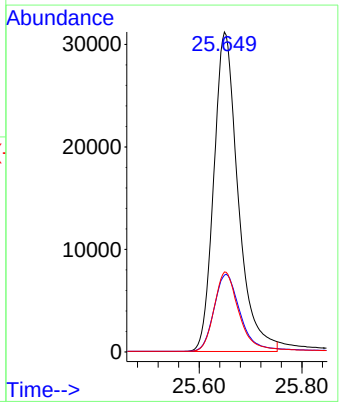




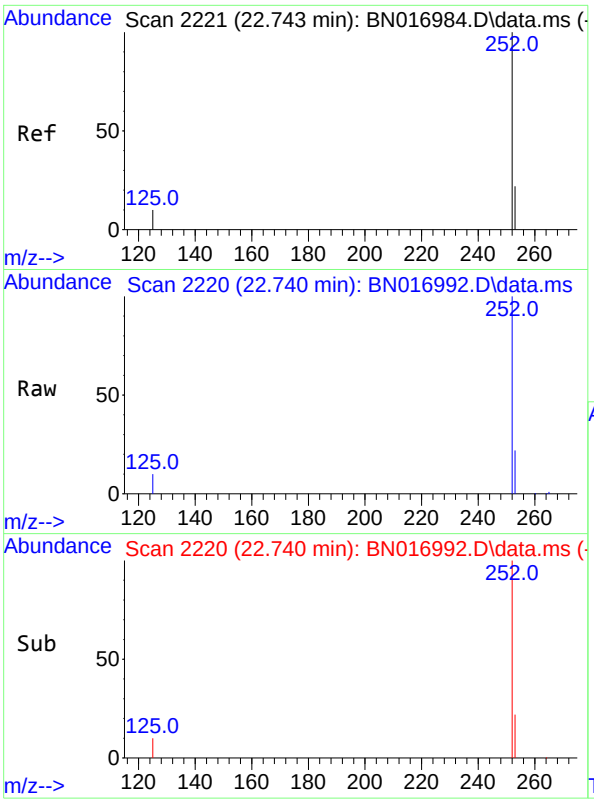
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.649 min Scan# 3070
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:276 Resp: 102300

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.6	29.4
277	25.3	20.2	30.2



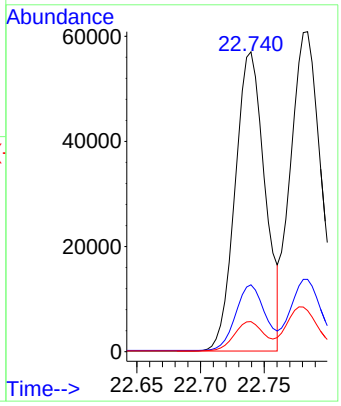
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

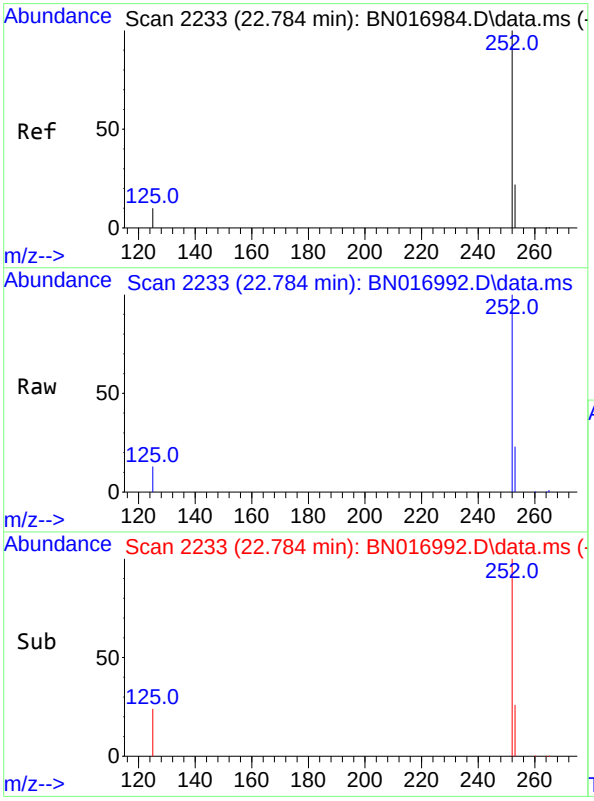


#37
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 22.740 min Scan# 2220
Delta R.T. -0.003 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:252 Resp: 92797

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.0	8.0	12.0

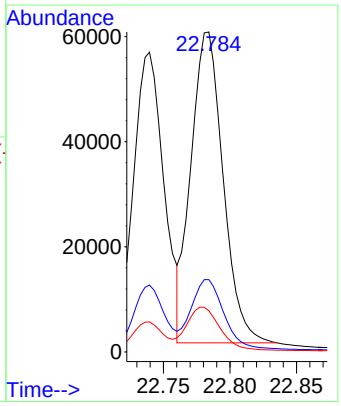




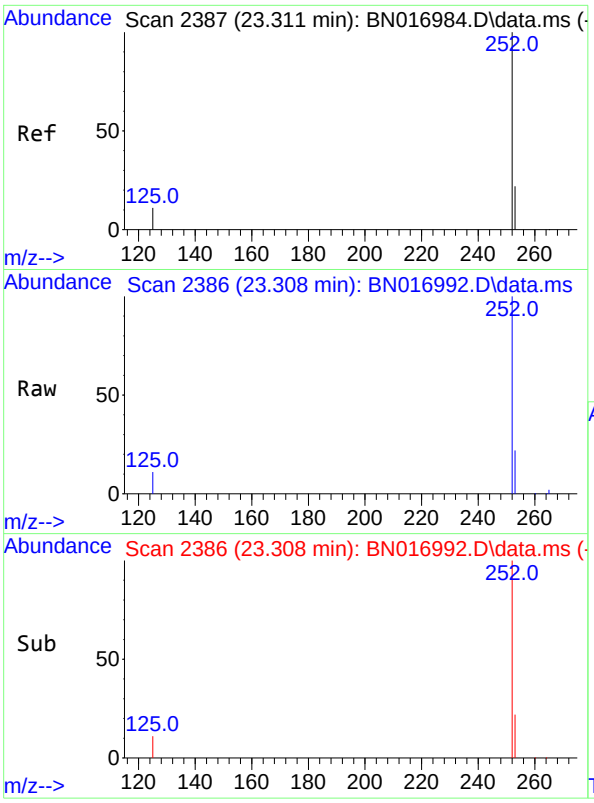
#38
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 22.784 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:252 Resp: 99335

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.9	8.5	12.7#



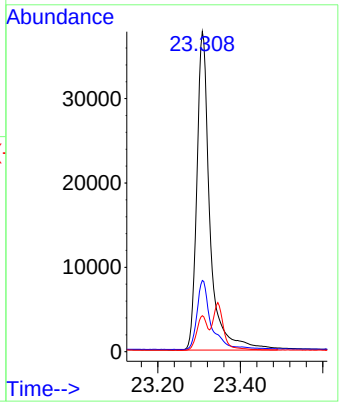
Instrument :
BNA_N
ClientSampleId :
PB139971BSD

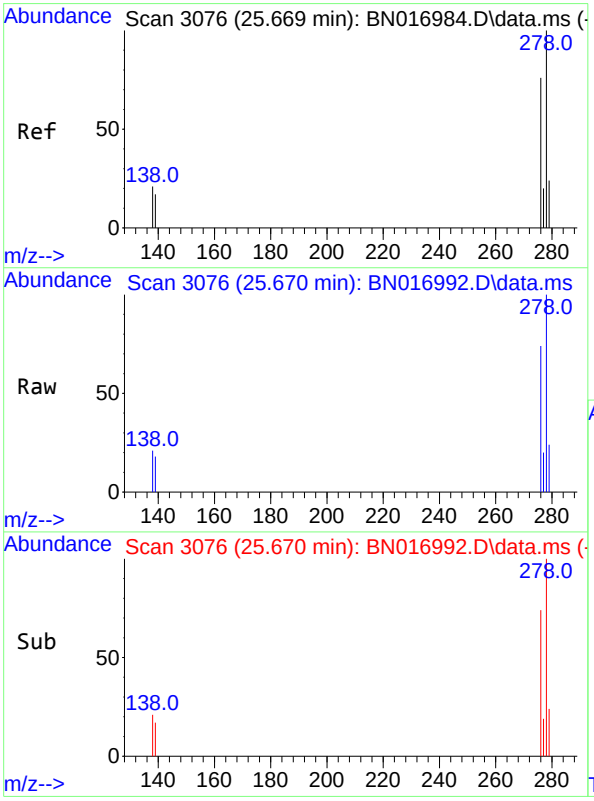


#39
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.308 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:252 Resp: 83052

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.3	9.1	13.7

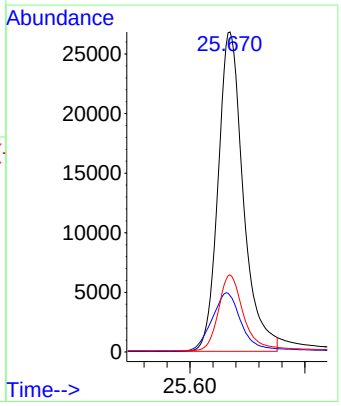


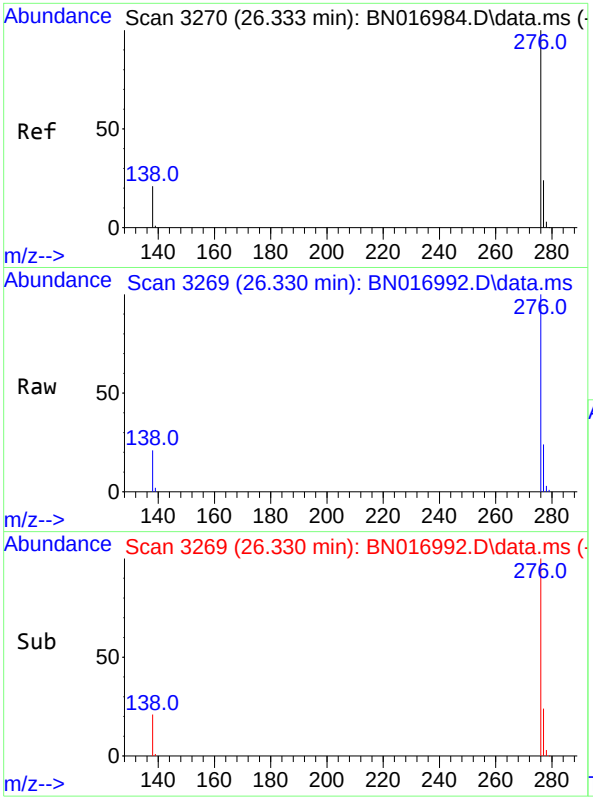


#40
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.670 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:278 Resp: 81461

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.4	20.2
279	24.1	19.2	28.8

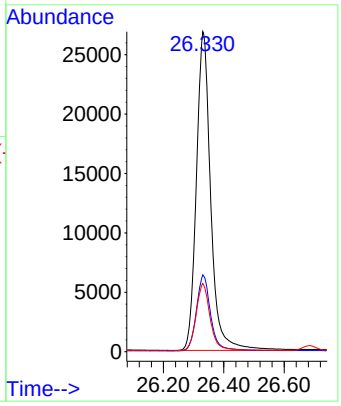




#41
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 26.330 min Scan# 3269
Delta R.T. -0.003 min
Lab File: BN016992.D
Acq: 18 Oct 2021 17:50

Tgt Ion:276 Resp: 88267

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.3	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
PB139971BSD