Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016991.D
Acq On : 18 Oct 2021 17:14
Operator : CG/JU
Sample : PB139971BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139971BS

Quant Time: Oct 18 17:46:51 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	19517	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	86065	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	44489	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	83670	0.40	ng		0.00
29) Chrysene-d12	21.186	240	83966	0.40	ng		0.00
35) Perylene-d12	23.407	264	84981	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.210	112	13966	0.34	ng		0.00
5) Phenol-d6	6.786	99	15531	0.33	ng		0.00
8) Nitrobenzene-d5	8.748	82	18130	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	40607	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	5650	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	60137	0.36	ng		0.00
27) Fluoranthene-d10	19.020	212	69481	0.33	ng		0.00
31) Terphenyl-d14	19.630	244	64173	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	3893	0.31	ng		100
3) n-Nitrosodimethylamine	3.531	42	4998	0.33	ng	#	99
6) bis(2-Chloroethyl)ether	7.044	93	18733	0.35	ng		99
9) Naphthalene	10.421	128	76967	0.34	ng		100
10) Hexachlorobutadiene	10.712	225	15429	0.35	ng	#	100
12) 2-Methylnaphthalene	12.040	142	49656	0.34	ng		100
16) Acenaphthylene	13.953	152	59127	0.33	ng		100
17) Acenaphthene	14.296	154	42225	0.34	ng		100
18) Fluorene	15.285	166	51482	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.374	198	1732	0.34	ng		99
21) 4-Bromophenyl-phenylether	16.179	248	16635	0.34	ng		99
22) Hexachlorobenzene	16.289	284	19832	0.35	ng		100
23) Atrazine	16.459	200	9293	0.34	ng		99
24) Pentachlorophenol	16.642	266	3841	0.39	ng		100
25) Phenanthrene	17.019	178	84123	0.35	ng		100
26) Anthracene	17.116	178	67417	0.34	ng		100
28) Fluoranthene	19.049	202	92396	0.36	ng		100
30) Pyrene	19.412	202	91519	0.35	ng		100
32) Benzo(a)anthracene	21.165	228	84756	0.34	ng		99
33) Chrysene	21.218	228	97400	0.36	ng		99
34) Bis(2-ethylhexyl)phtha...	21.123	149	28170	0.38	ng		100
36) Indeno(1,2,3-cd)pyrene	25.646	276	101670	0.35	ng		99
37) Benzo(b)fluoranthene	22.736	252	91576	0.33	ng		100
38) Benzo(k)fluoranthene	22.784	252	98225	0.36	ng		98
39) Benzo(a)pyrene	23.308	252	80911	0.33	ng		100
40) Dibenzo(a,h)anthracene	25.666	278	80970	0.35	ng		99
41) Benzo(g,h,i)perylene	26.330	276	87869	0.34	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016991.D
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Instrument :
BNA_N
ClientSampleId :
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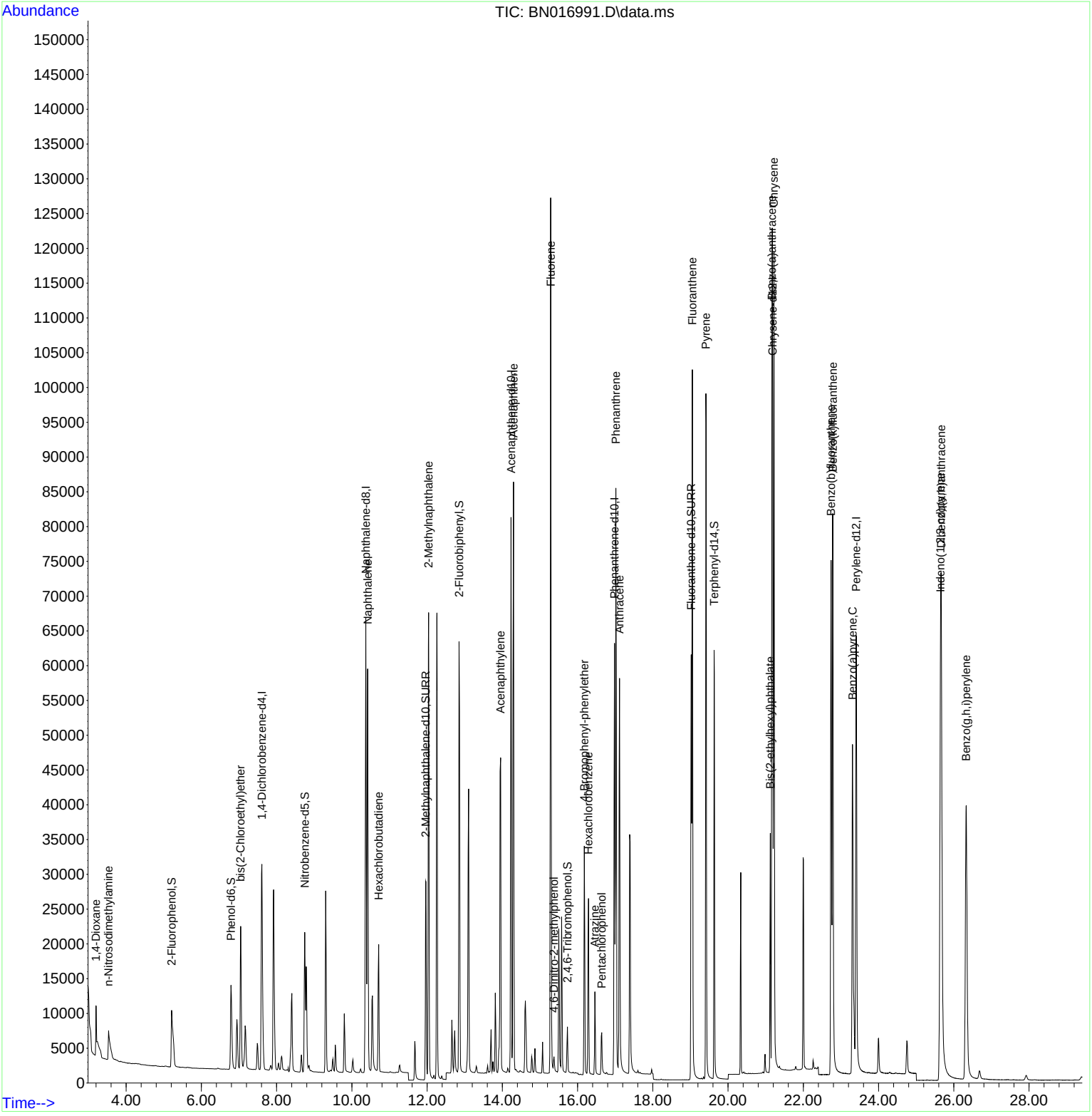
Quant Time: Oct 18 17:46:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 15:14:53 2021
Response via : Initial Calibration



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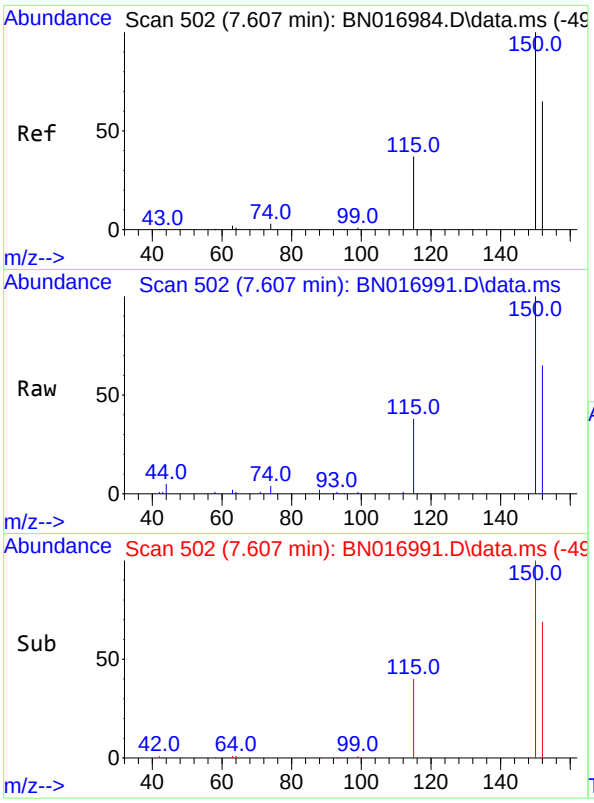
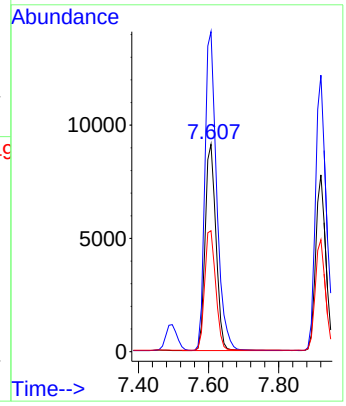
PB139971BS

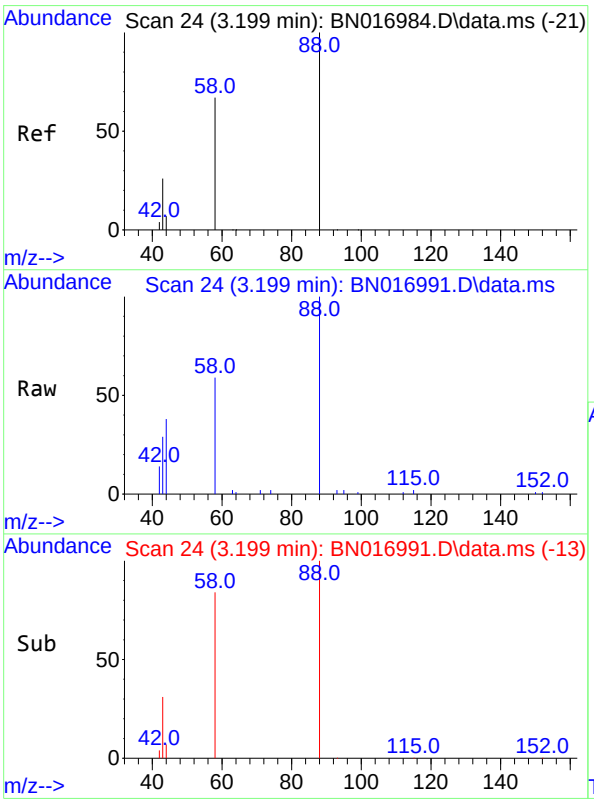


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.607 min Scan# 502
Delta R.T. -0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:152 Resp: 19517

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.0	184.4
115	58.3	46.3	69.5

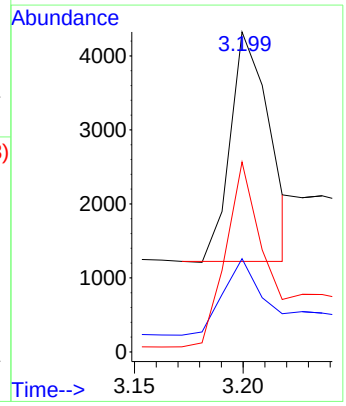




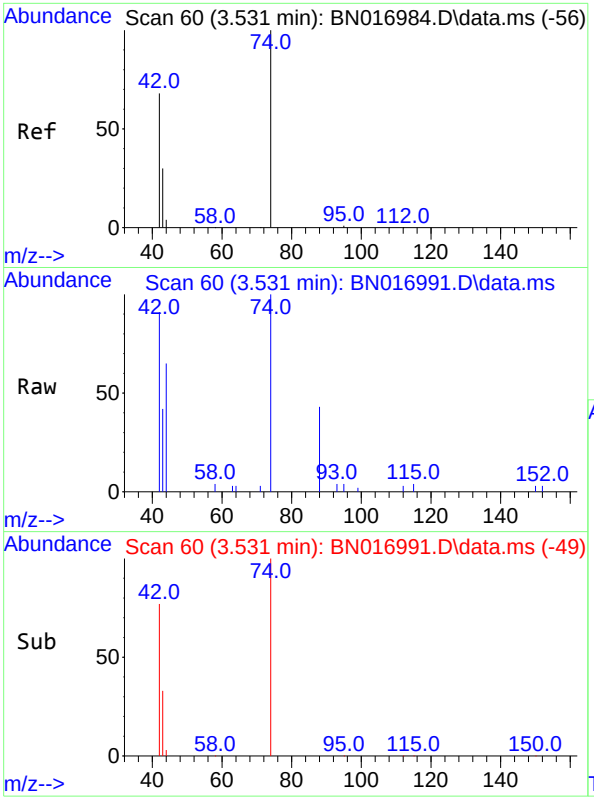
#2
1,4-Dioxane
Concen: 0.31 ng
RT: 3.199 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion: 88 Resp: 3893

Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.8	40.2
58	78.8	63.0	94.4



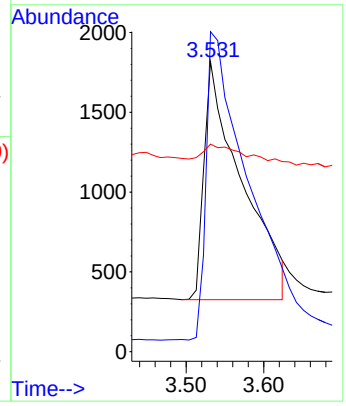
Instrument :
BNA_N
ClientSampleId :
PB139971BS

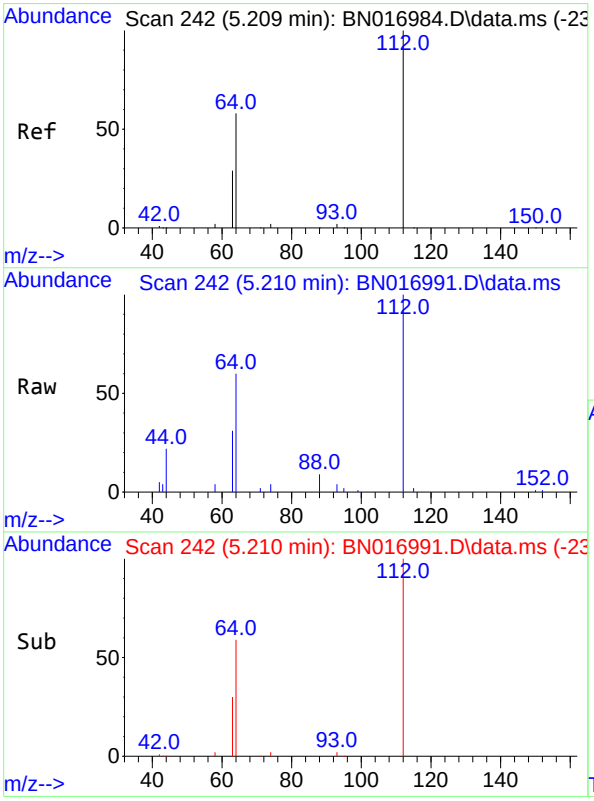


#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.531 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion: 42 Resp: 4998

Ion	Ratio	Lower	Upper
42	100		
74	142.4	114.7	172.1
44	7.0	3.8	5.6#

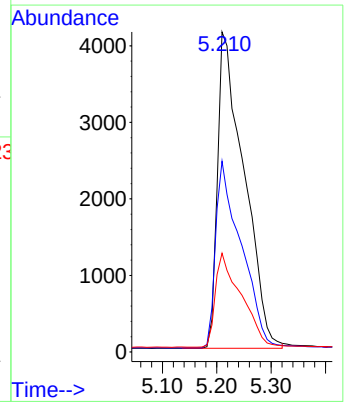




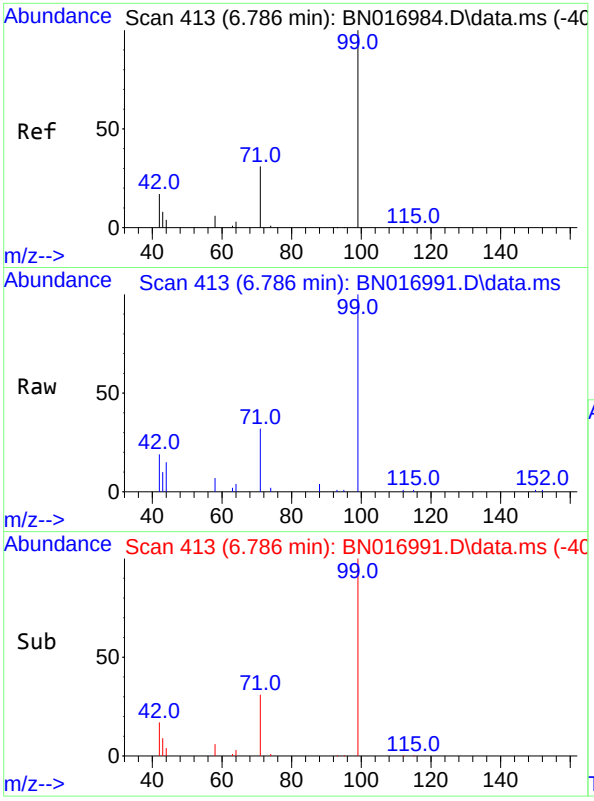
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.210 min Scan# 242
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:112 Resp: 13966

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.5	68.3
63	28.9	23.0	34.6



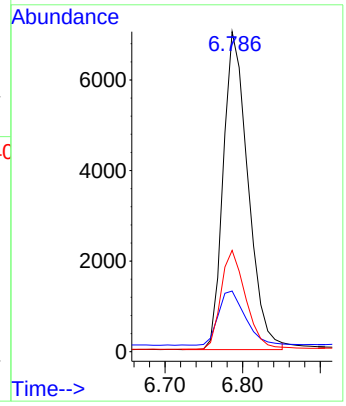
Instrument :
BNA_N
ClientSampleId :
PB139971BS

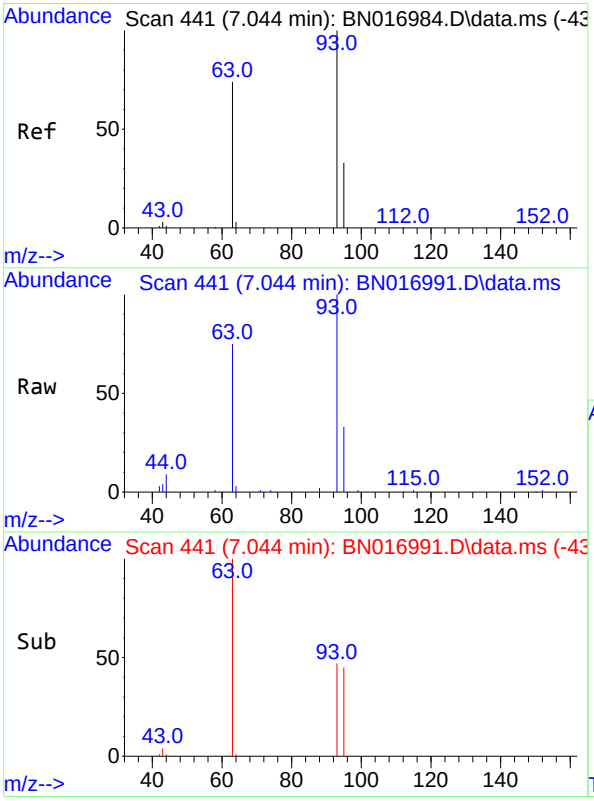


#5
Phenol-d6
Concen: 0.33 ng
RT: 6.786 min Scan# 413
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion: 99 Resp: 15531

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	21.8
71	31.1	24.8	37.2

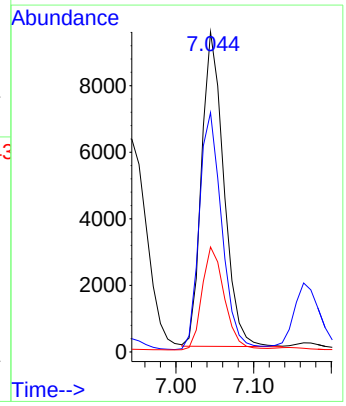




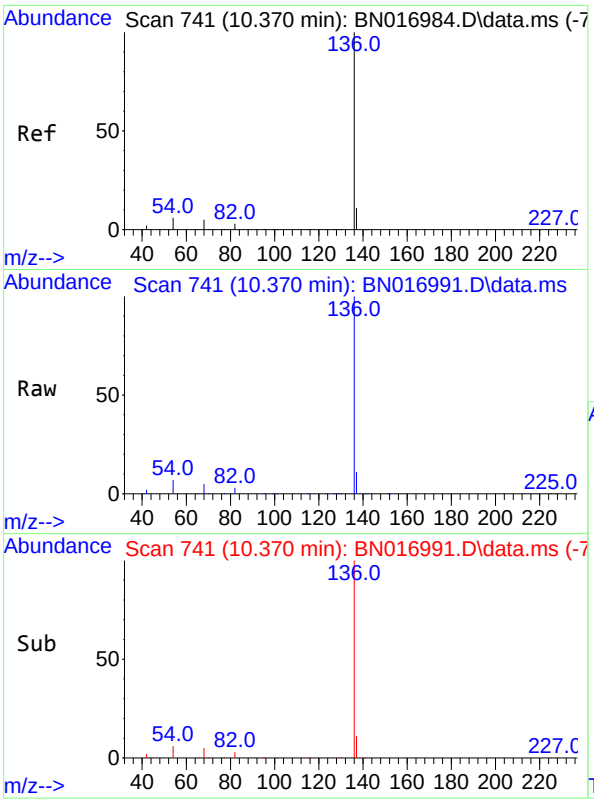
#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.044 min Scan# 441
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion: 93 Resp: 18733

Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.9	91.3
95	33.1	26.4	39.6



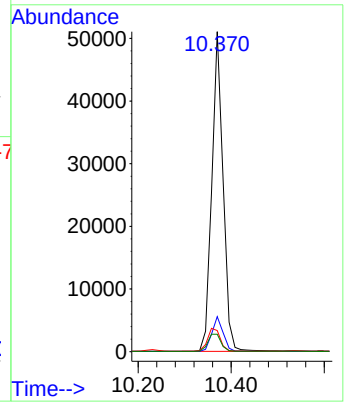
Instrument :
BNA_N
ClientSampleId :
PB139971BS

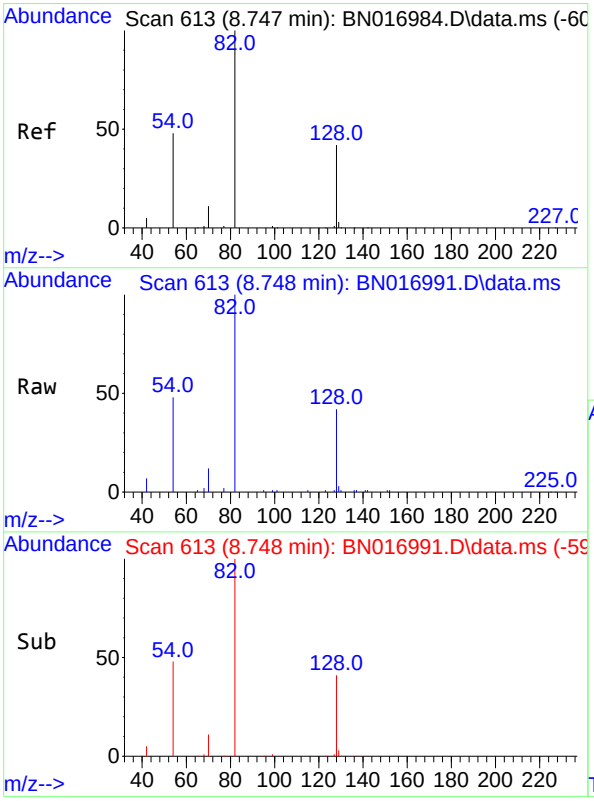


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:136 Resp: 86065

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

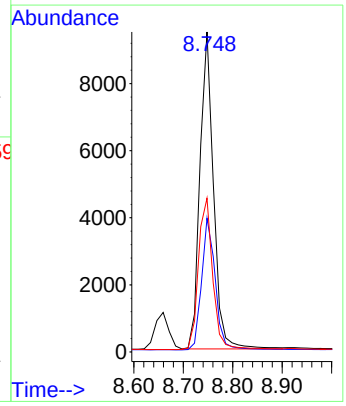


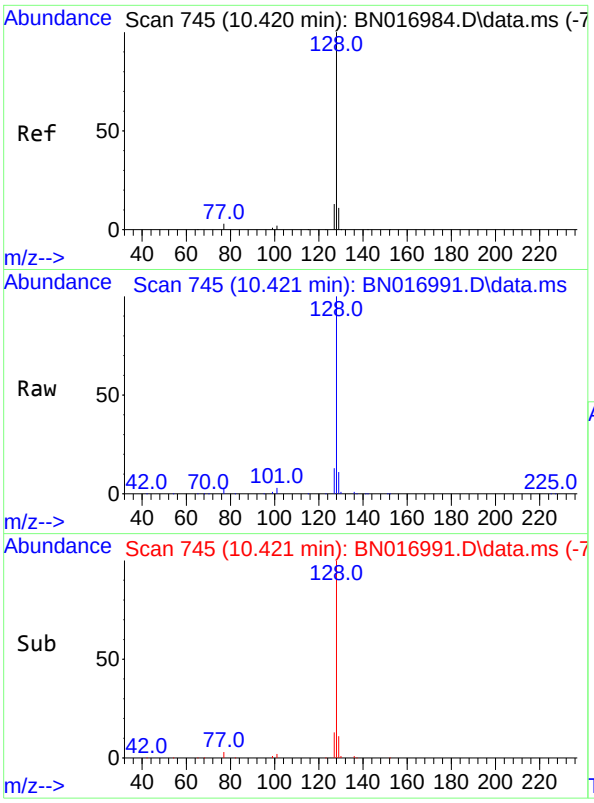


#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion: 82 Resp: 18130

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

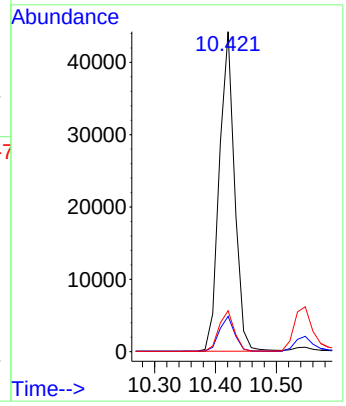




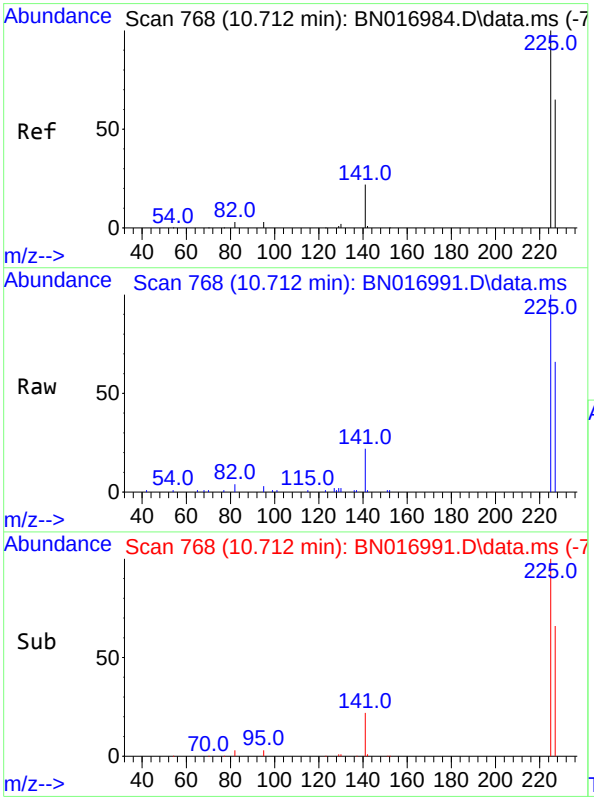
#9
Naphthalene
Concen: 0.34 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:128 Resp: 76967

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.3	15.5



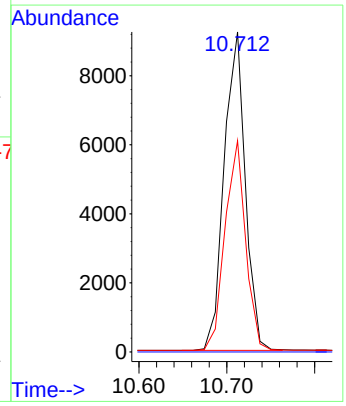
Instrument :
BNA_N
ClientSampleId :
PB139971BS



#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.712 min Scan# 768
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:225 Resp: 15429

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.2	76.8



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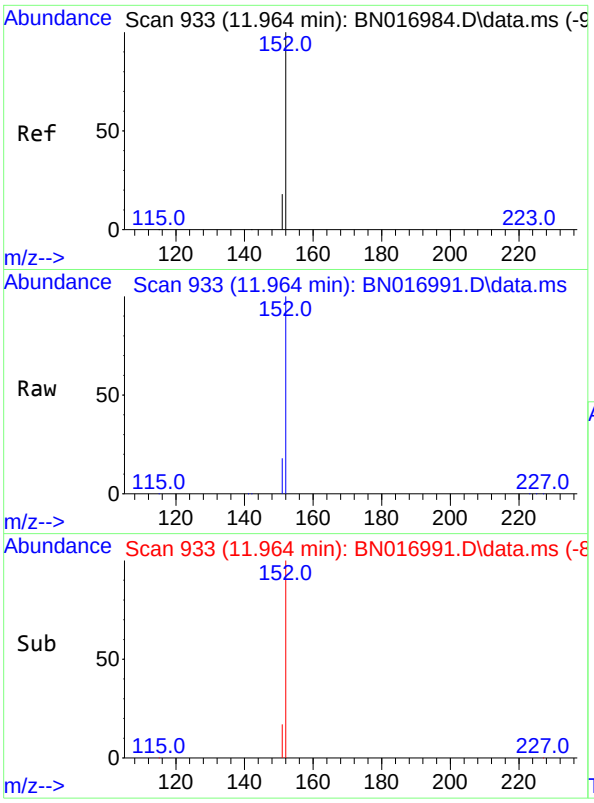
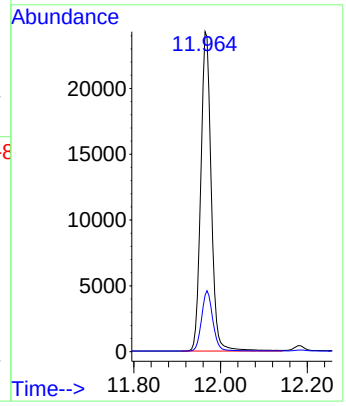
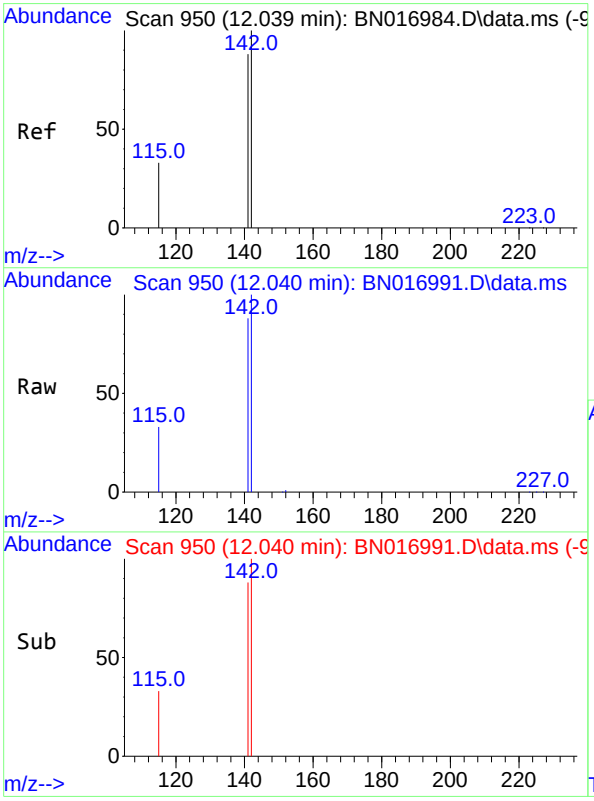


#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:152 Resp: 40607

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

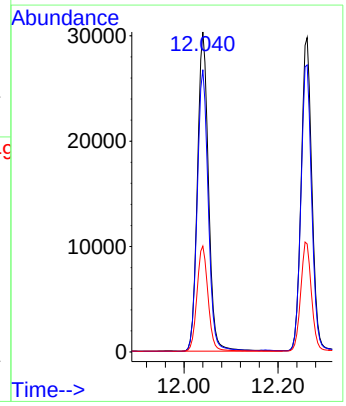




#12
2-Methylnaphthalene
Concen: 0.34 ng
RT: 12.040 min Scan# 950
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:142 Resp: 49656

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	33.1	26.4	39.6



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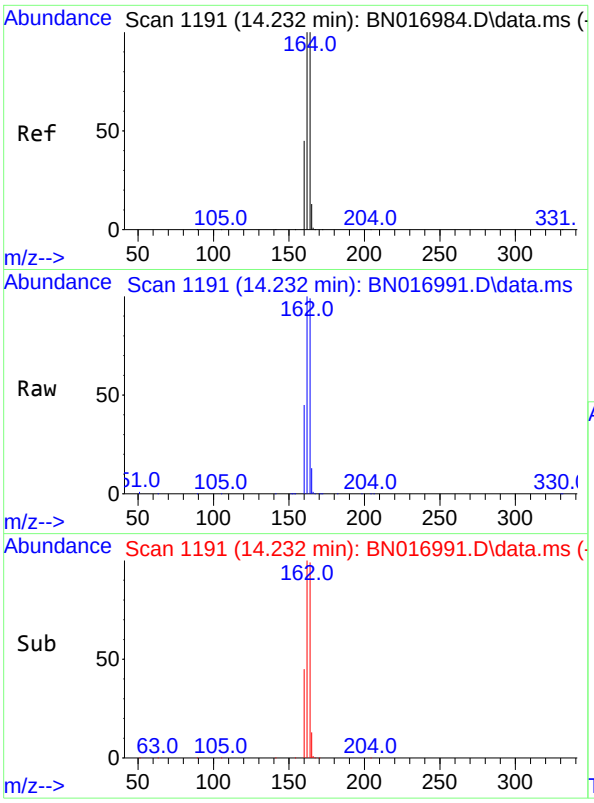
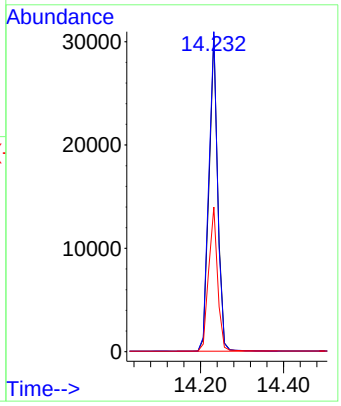
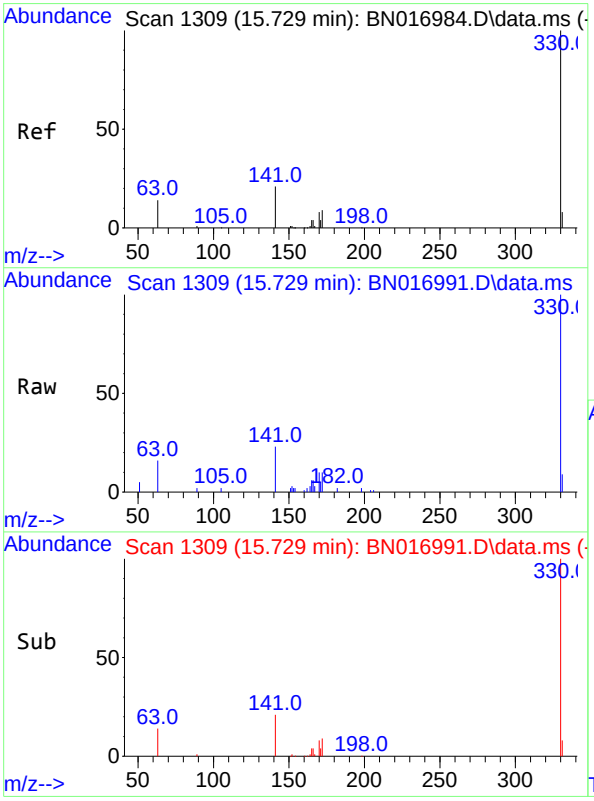


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:164 Resp: 44489

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.8	36.0	54.0

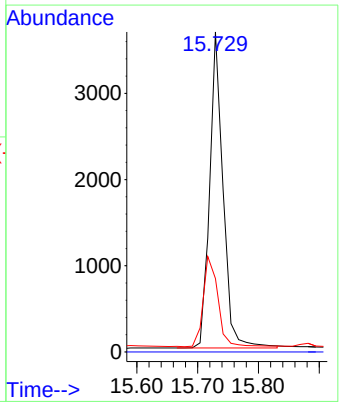




#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:330 Resp: 5650

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.1	25.6	38.4



Instrument :
BNA_N
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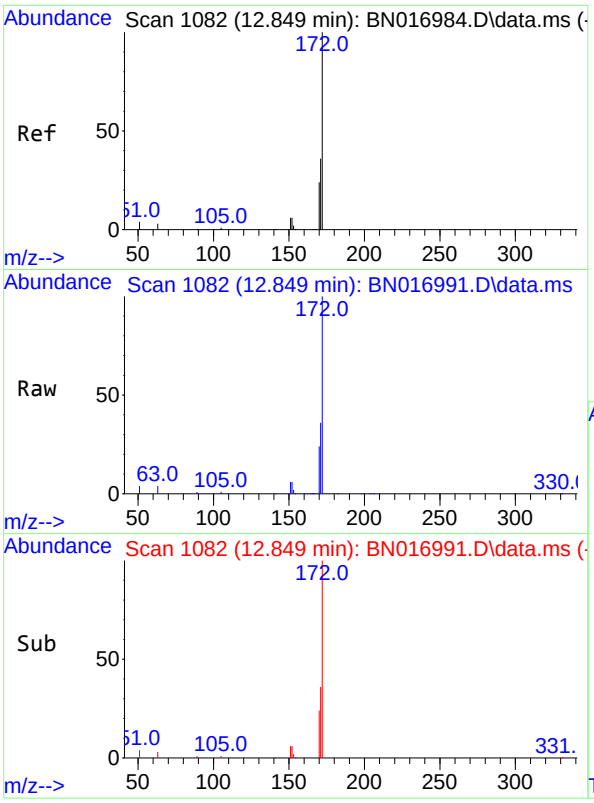
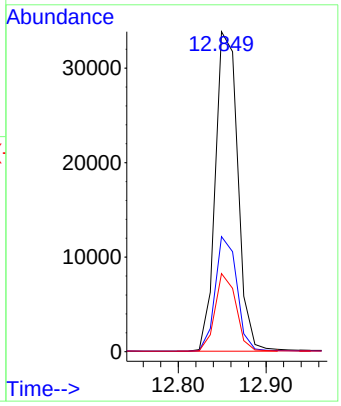
PB139971BS

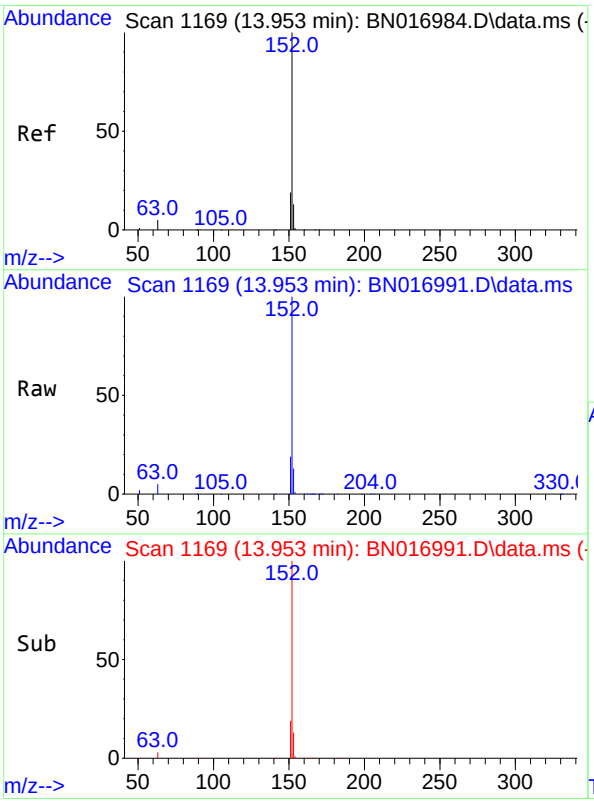


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:172 Resp: 60137

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.4	19.6	29.4

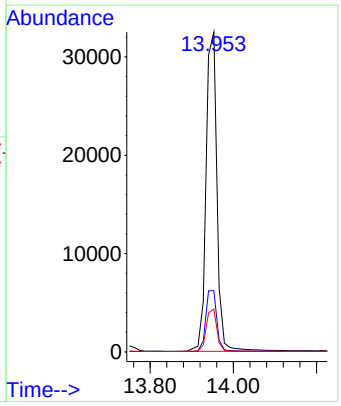




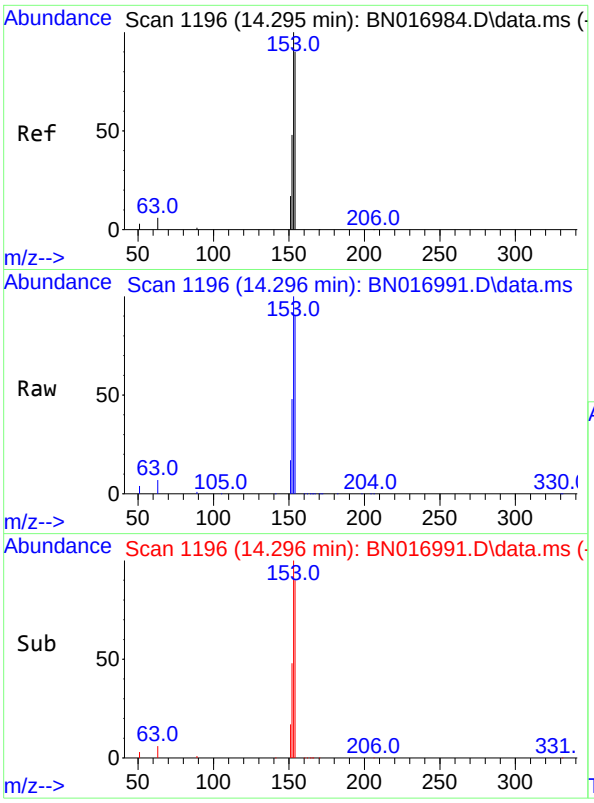
#16
Acenaphthylene
Concen: 0.33 ng
RT: 13.953 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:152 Resp: 59127

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.1	10.4	15.6



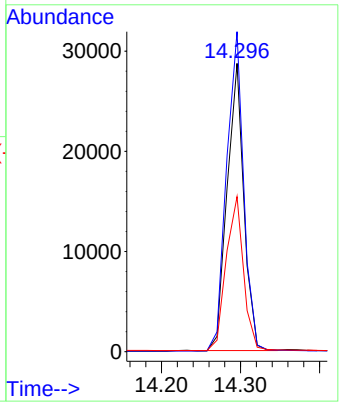
Instrument :
BNA_N
ClientSampleId :
PB139971BS

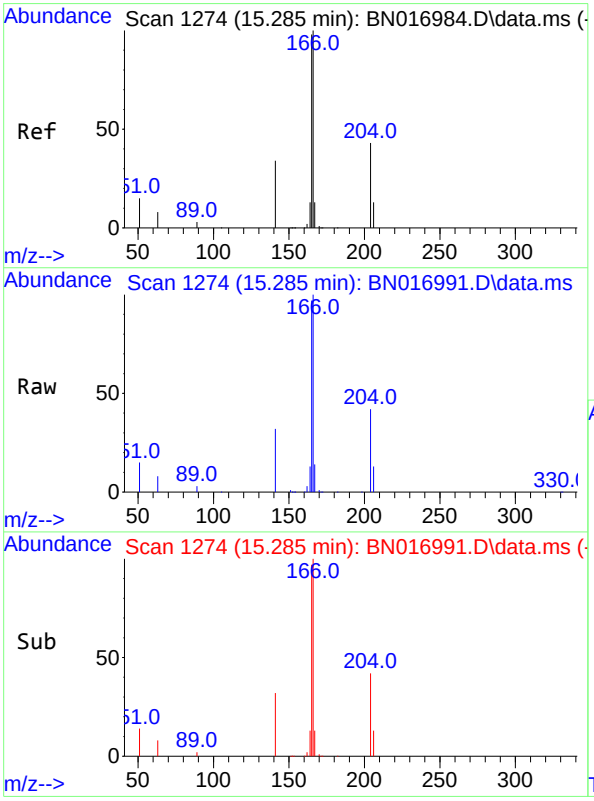


#17
Acenaphthene
Concen: 0.34 ng
RT: 14.296 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:154 Resp: 42225

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.1	136.7
152	56.2	44.8	67.2

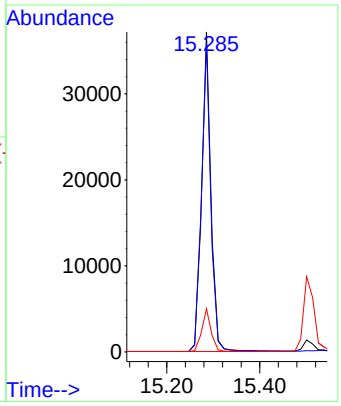




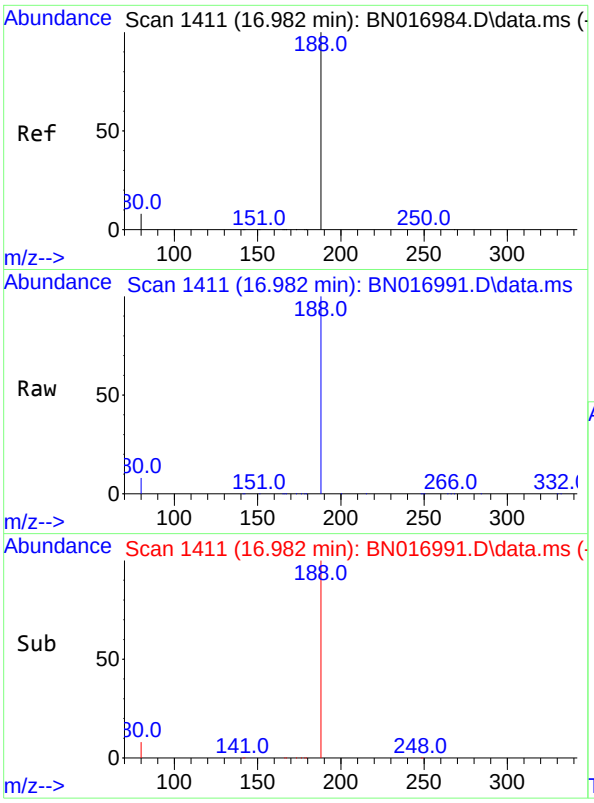
#18
Fluorene
Concen: 0.35 ng
RT: 15.285 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:166 Resp: 51482

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.5	117.7
167	13.5	10.8	16.2



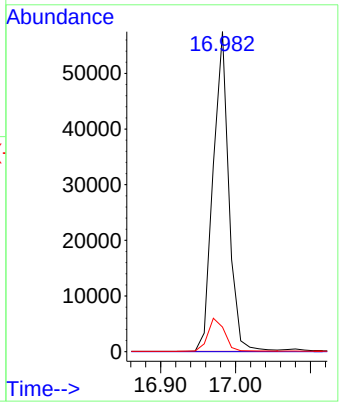
Instrument :
BNA_N
ClientSampleId :
PB139971BS

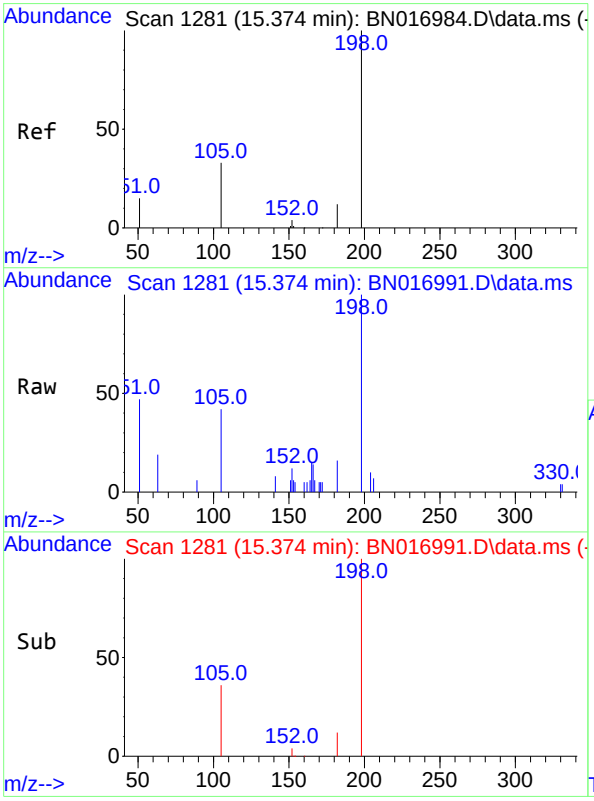


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.982 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:188 Resp: 83670

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.2	9.4

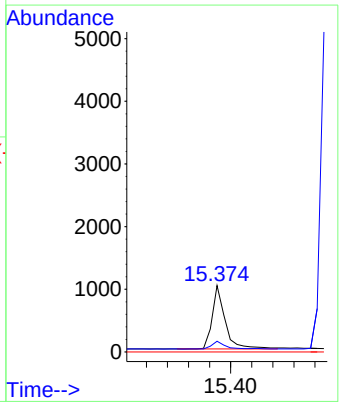


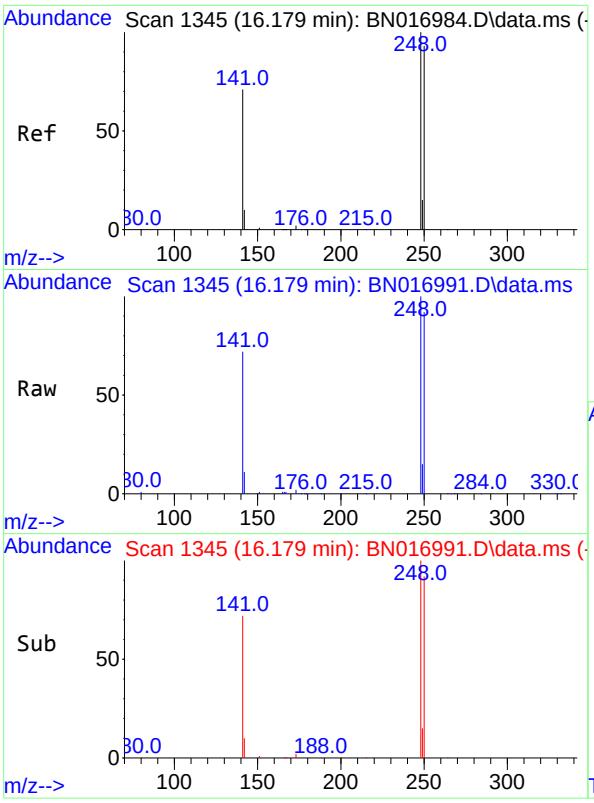


#20
4,6-Dinitro-2-methylphenol
Concen: 0.34 ng
RT: 15.374 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:198 Resp: 1732

Ion	Ratio	Lower	Upper
198	100		
182	16.1	12.5	18.7
77	0.0	0.0	0.0

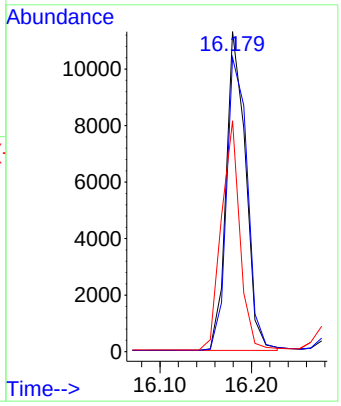




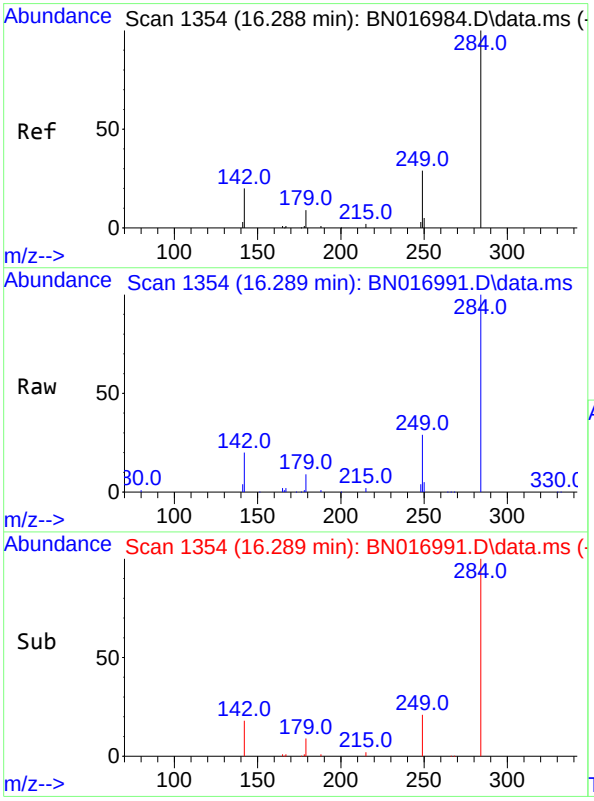
#21
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.179 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:248 Resp: 16635

Ion	Ratio	Lower	Upper
248	100		
250	91.9	74.3	111.5
141	72.1	57.0	85.4



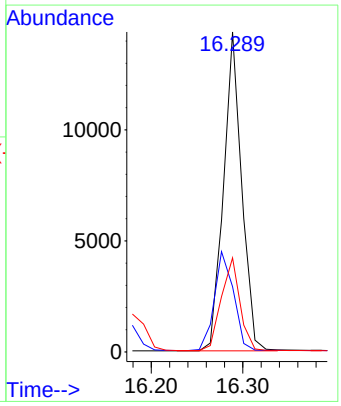
Instrument :
BNA_N
ClientSampleId :
PB139971BS



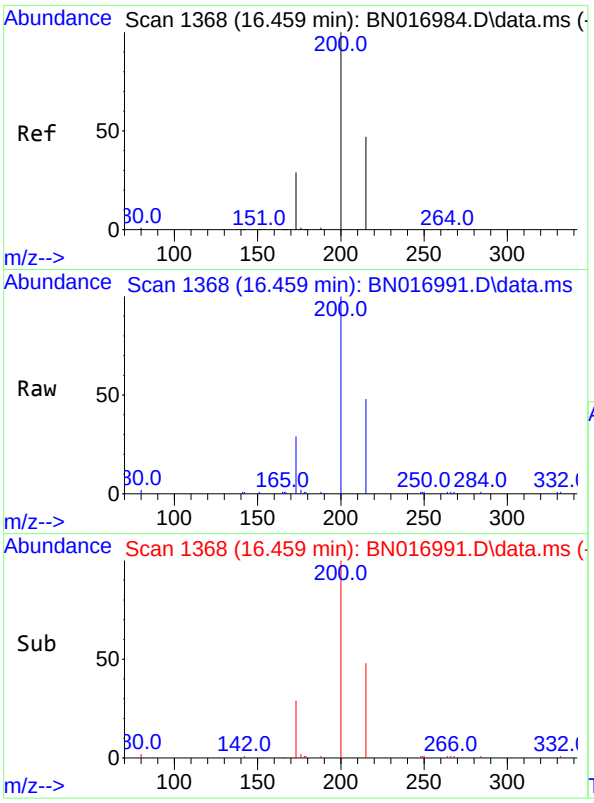
#22
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.289 min Scan# 1354
Delta R.T. 0.001 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:284 Resp: 19832

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.6	39.8
249	29.7	23.8	35.6



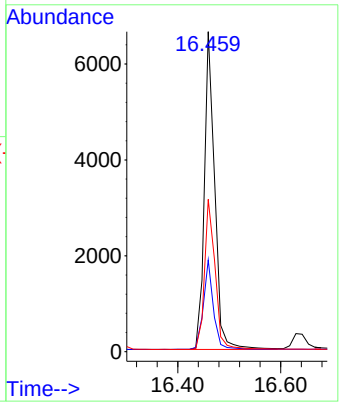
Instrument :
BNA_N
ClientSampleId :
PB139971BS

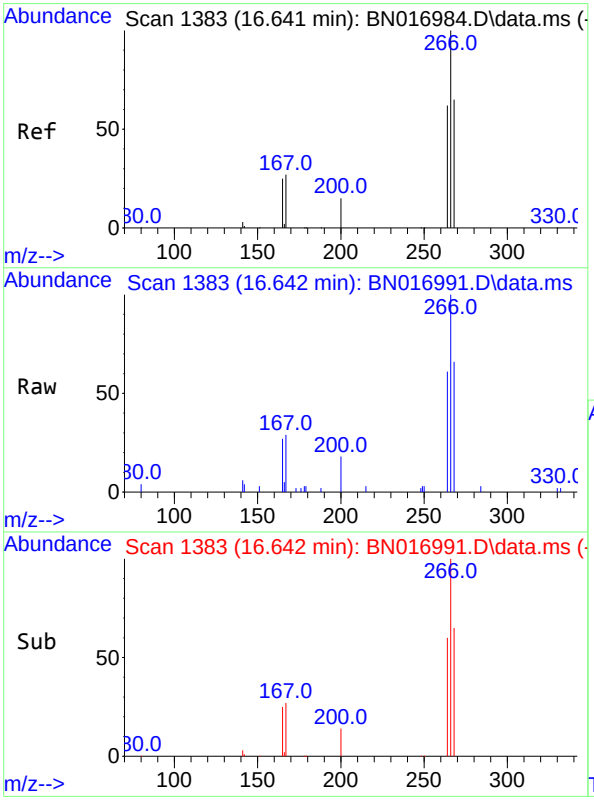


#23
Atrazine
Concen: 0.34 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:200 Resp: 9293

Ion	Ratio	Lower	Upper
200	100		
173	28.7	23.5	35.3
215	47.6	37.9	56.9

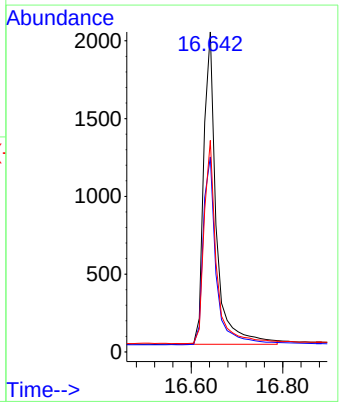




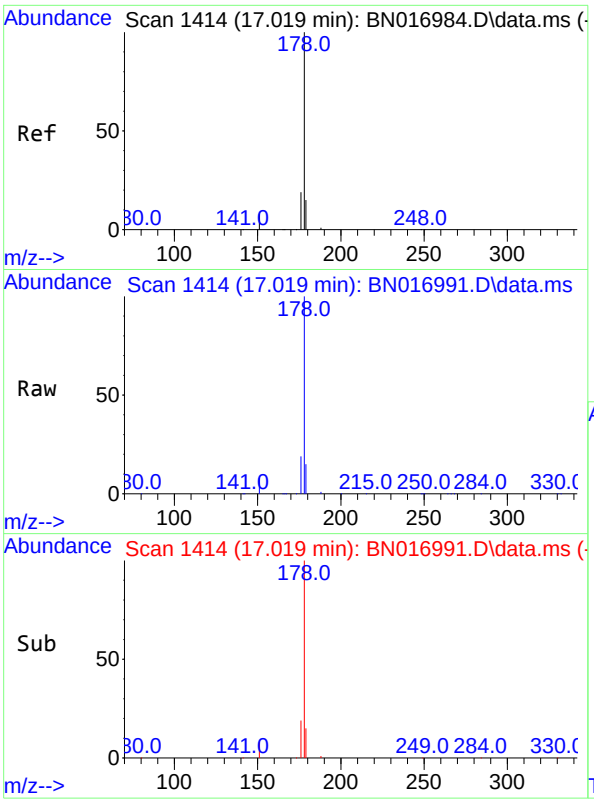
#24
Pentachlorophenol
Concen: 0.39 ng
RT: 16.642 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:266 Resp: 3841

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	64.0	50.9	76.3



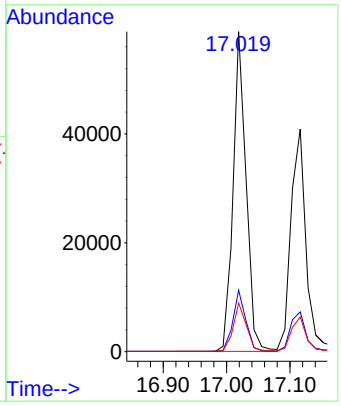
Instrument :
BNA_N
ClientSampleId :
PB139971BS

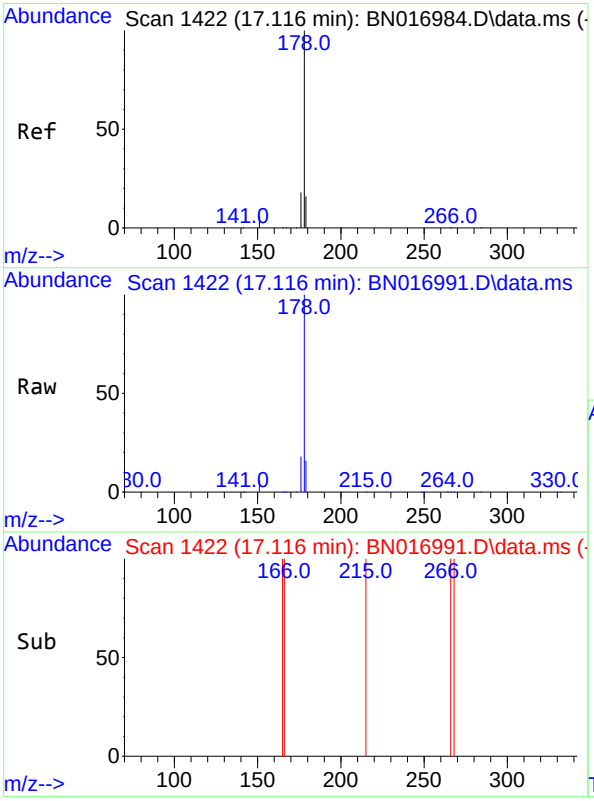


#25
Phenanthrene
Concen: 0.35 ng
RT: 17.019 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:178 Resp: 84123

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.3	18.5

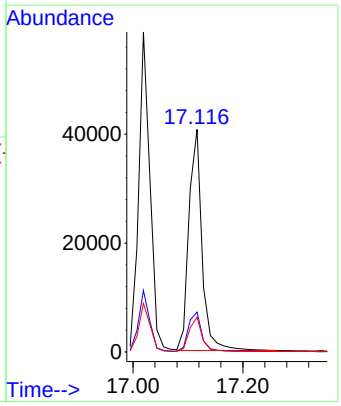




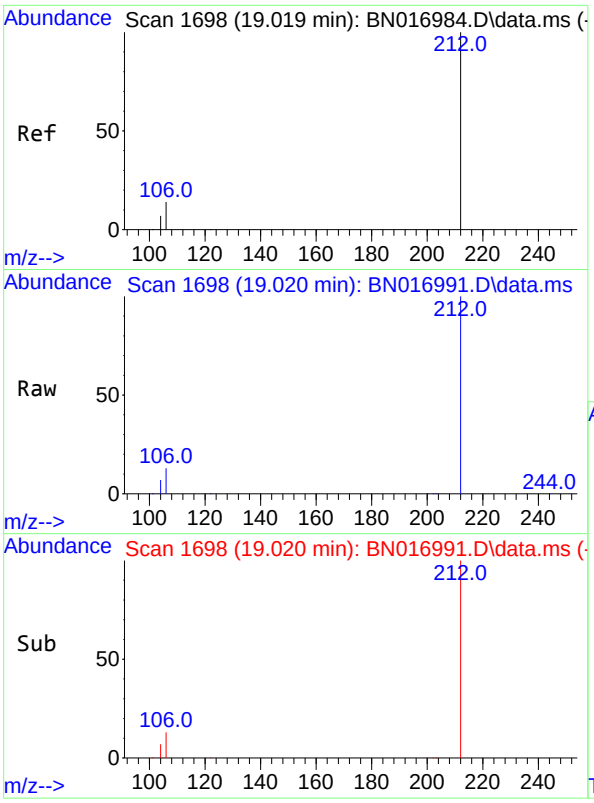
#26
Anthracene
Concen: 0.34 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:178 Resp: 67417

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.3	18.5



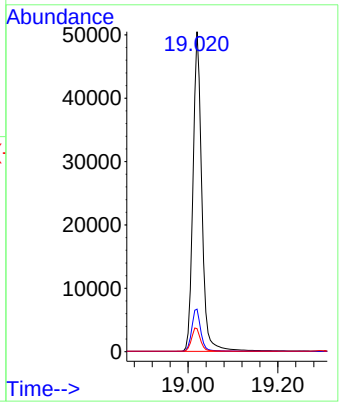
Instrument :
BNA_N
ClientSampleId :
PB139971BS

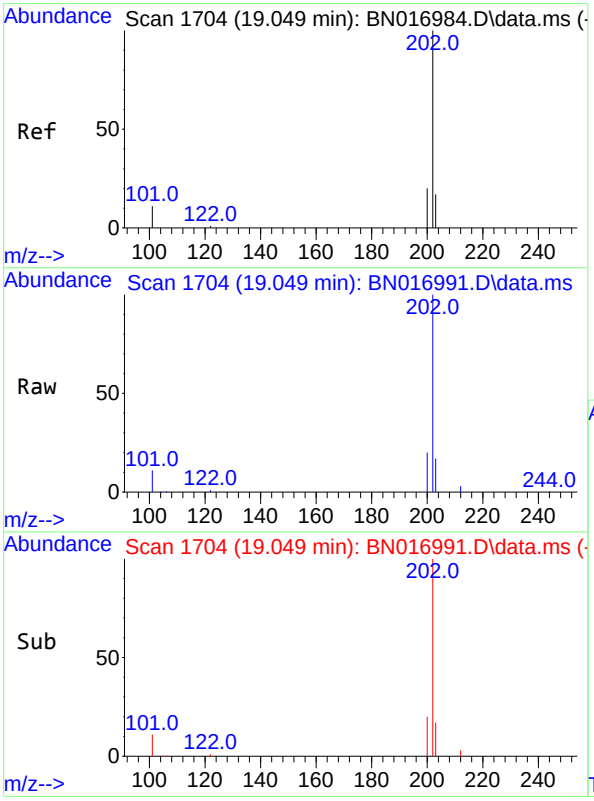


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:212 Resp: 69481

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

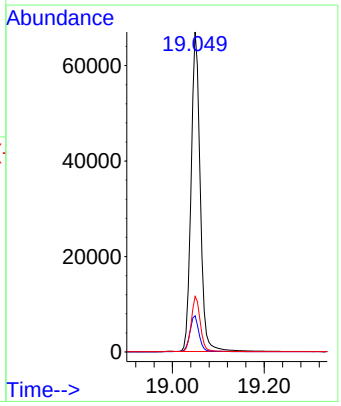




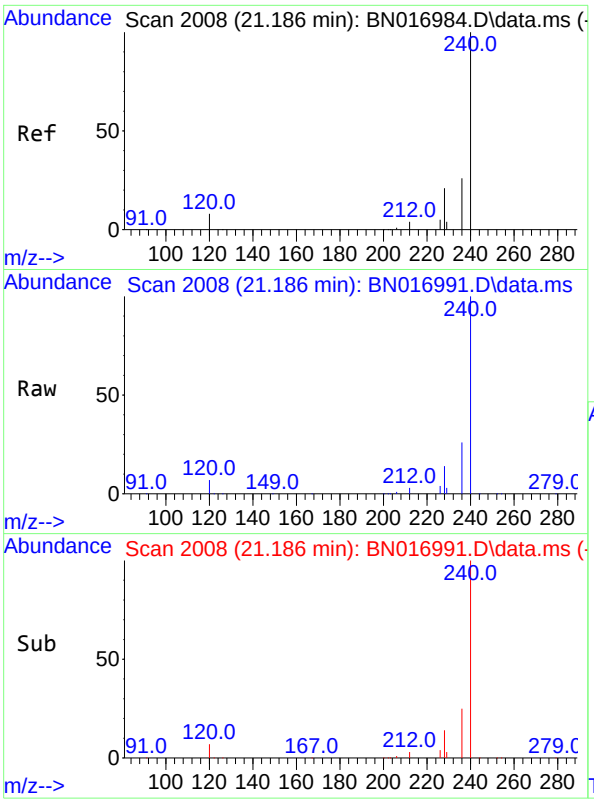
#28
Fluoranthene
Concen: 0.36 ng
RT: 19.049 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:202 Resp: 92396

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



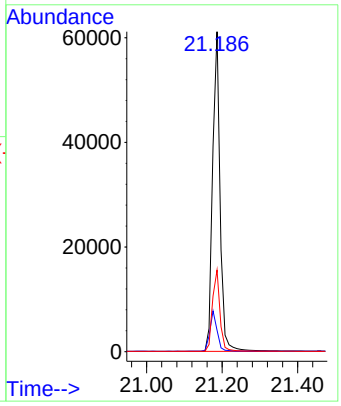
Instrument :
BNA_N
ClientSampleId :
PB139971BS

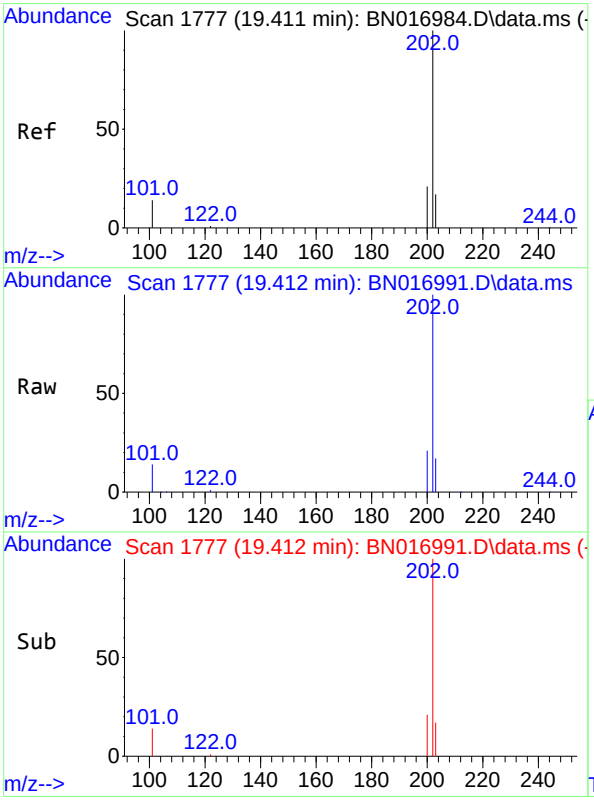


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:240 Resp: 83966

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.4	9.6
236	25.5	20.6	31.0

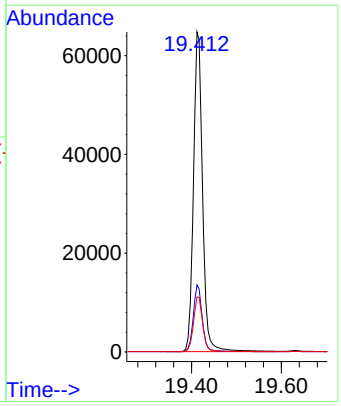




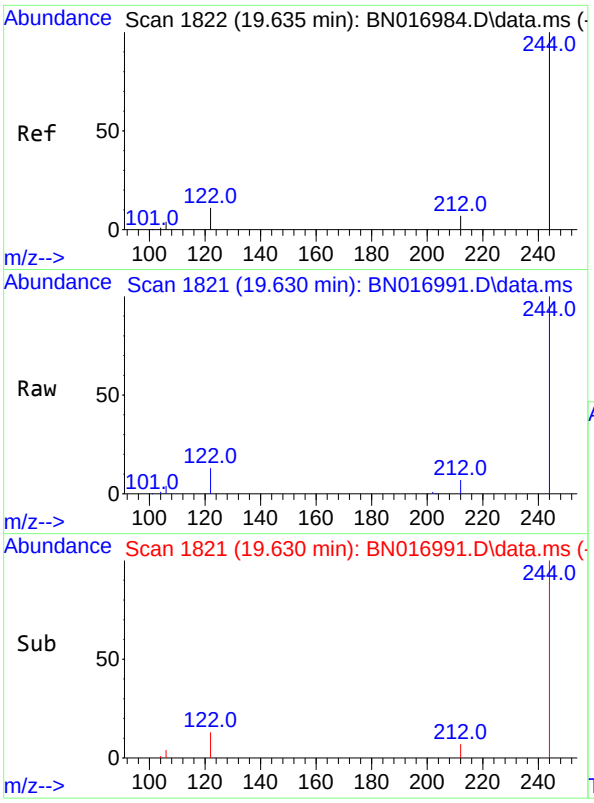
#30
Pyrene
Concen: 0.35 ng
RT: 19.412 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:202 Resp: 91519

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0



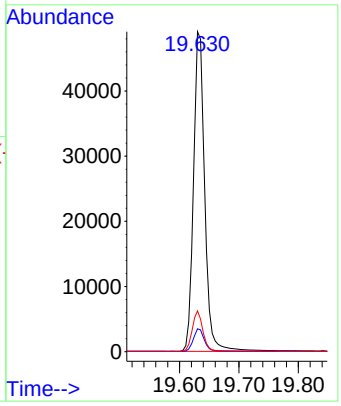
Instrument :
BNA_N
ClientSampleId :
PB139971BS

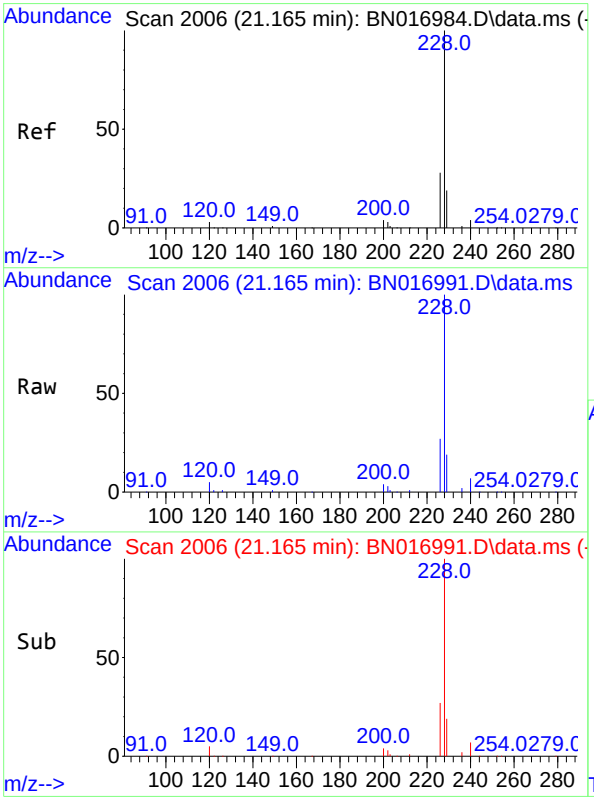


#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.630 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:244 Resp: 64173

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.7	9.0	13.6

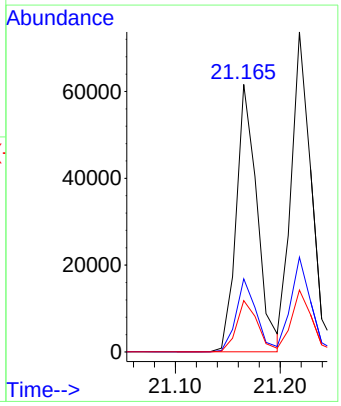




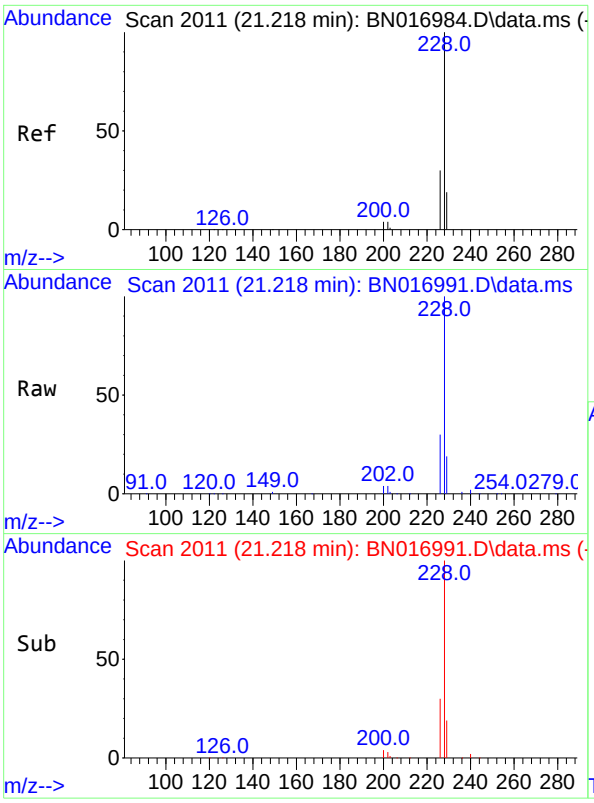
#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.165 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:228 Resp: 84756

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.2	15.4	23.0



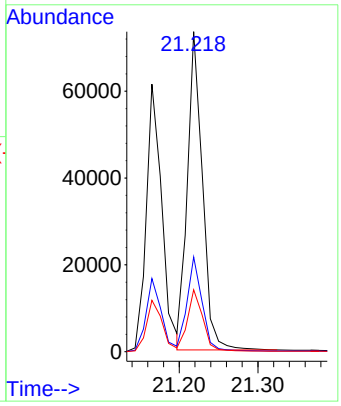
Instrument :
BNA_N
ClientSampleId :
PB139971BS

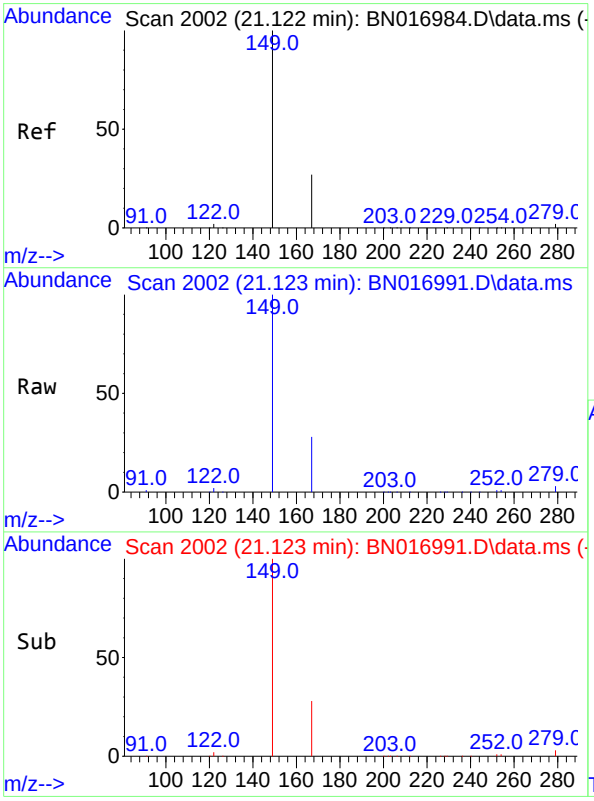


#33
Chrysene
Concen: 0.36 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:228 Resp: 97400

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	19.4	15.4	23.2

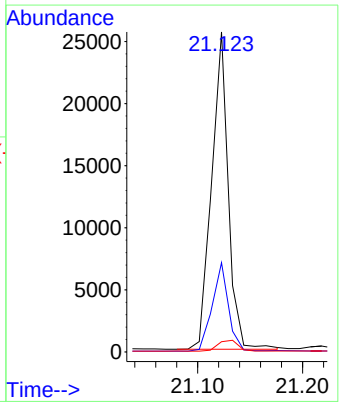




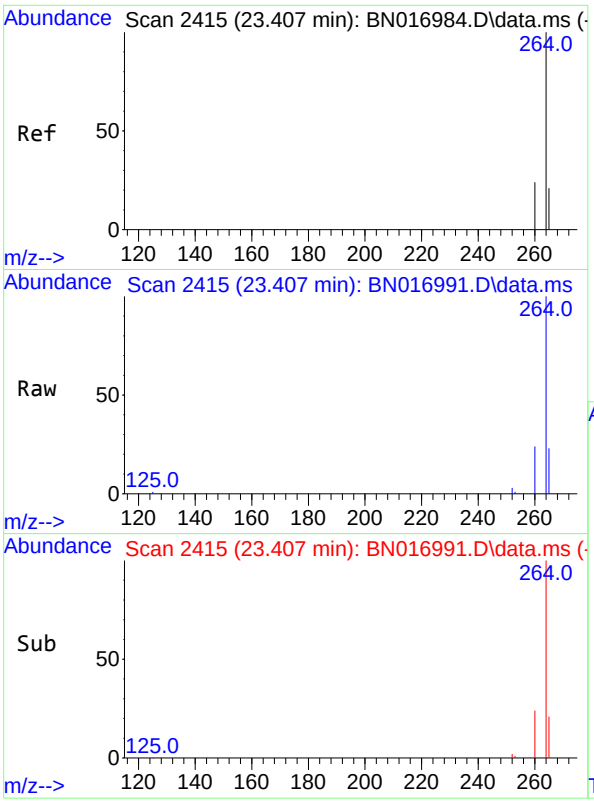
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:149 Resp: 28170

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.1	3.4	5.0



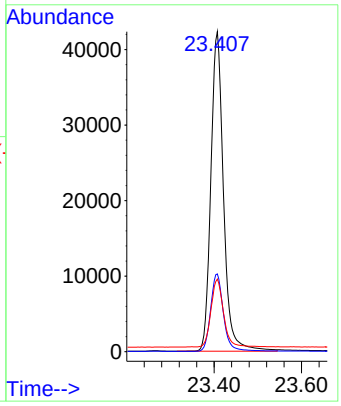
Instrument :
BNA_N
ClientSampleId :
PB139971BS

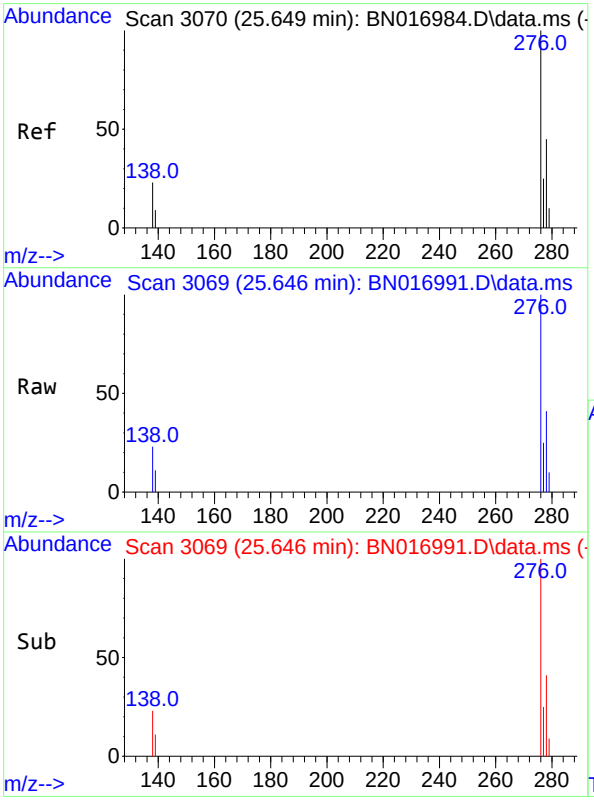


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.407 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:264 Resp: 84981

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.7	18.3	27.5

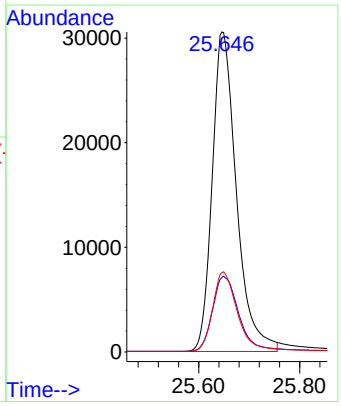




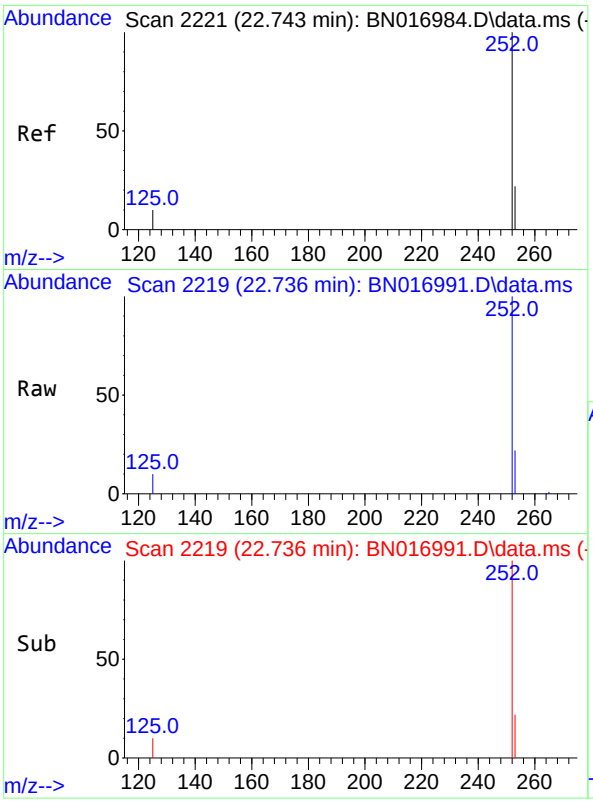
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.646 min Scan# 3069
Delta R.T. -0.003 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:276 Resp: 101670

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



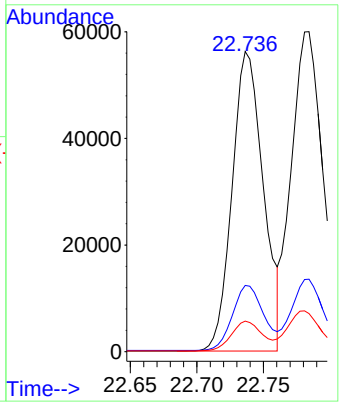
Instrument :
BNA_N
ClientSampleId :
PB139971BS

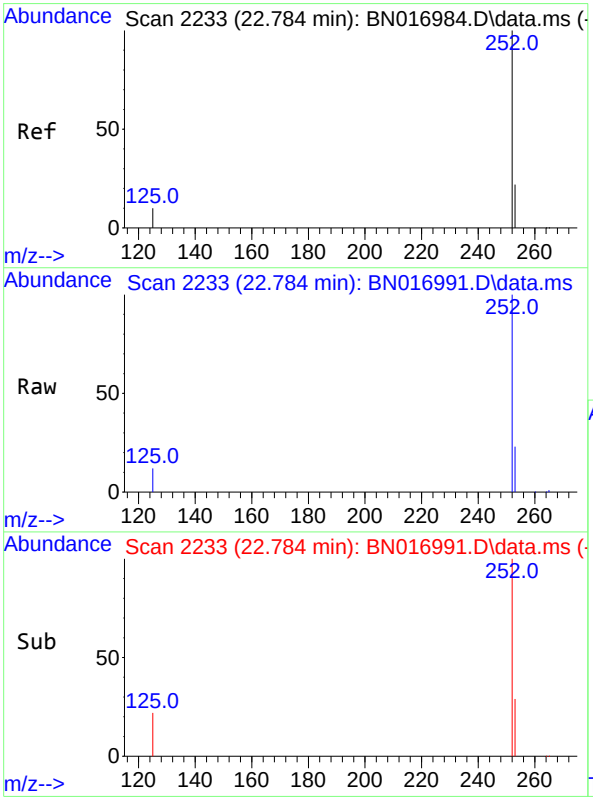


#37
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 22.736 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:252 Resp: 91576

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.0	12.0

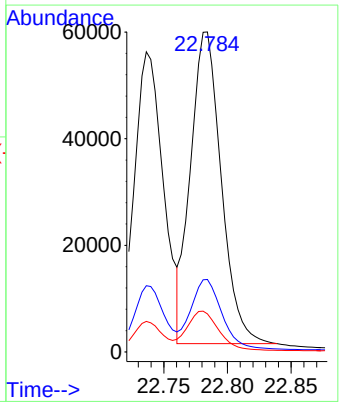




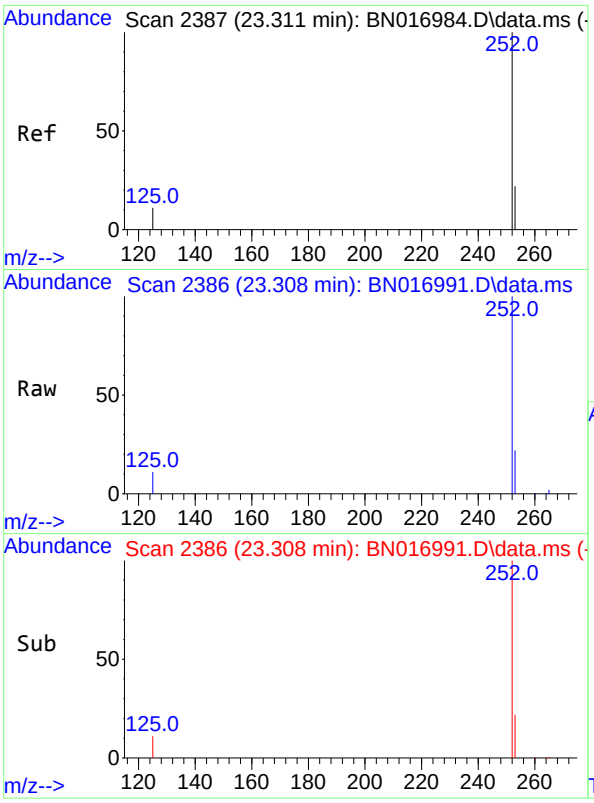
#38
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 22.784 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:252 Resp: 98225

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.9	8.5	12.7



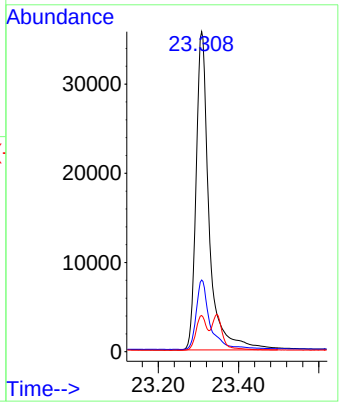
Instrument :
BNA_N
ClientSampleId :
PB139971BS

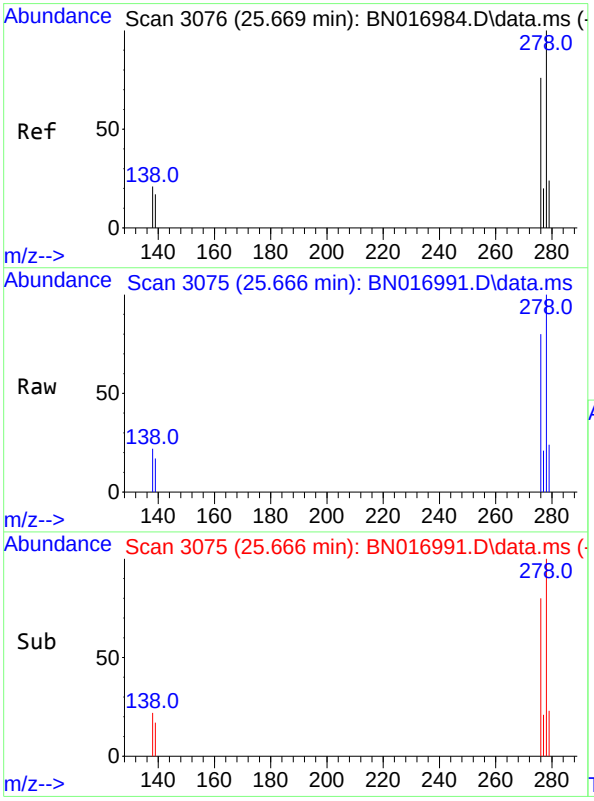


#39
Benzo(a)pyrene
Concen: 0.33 ng
RT: 23.308 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:252 Resp: 80911

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.3	9.1	13.7

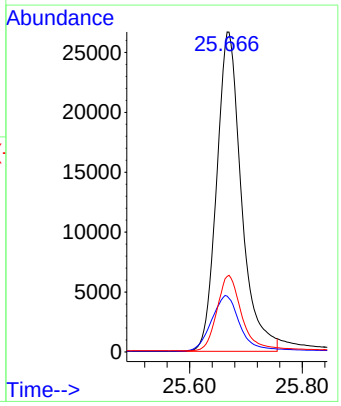


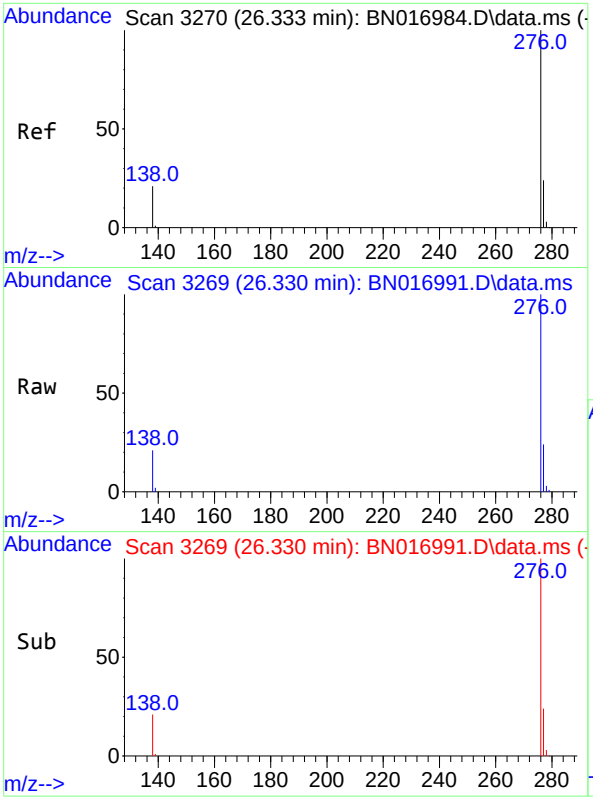


#40
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.666 min Scan# 3075
Delta R.T. -0.003 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:278 Resp: 80970

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.4	20.2
279	23.6	19.2	28.8

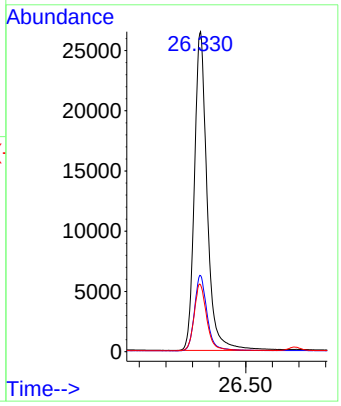




#41
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 26.330 min Scan# 3269
Delta R.T. -0.003 min
Lab File: BN016991.D
Acq: 18 Oct 2021 17:14

Tgt Ion:276 Resp: 87869

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.9	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
PB139971BS