Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016961.D
Acq On : 14 Oct 2021 21:17
Operator : CG/JU
Sample : PB139894BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139894BSD

Quant Time: Oct 15 01:44:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	21873	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	95646	0.400	ng	0.00
13) Acenaphthene-d10	14.243	164	49839	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	91033	0.400	ng	0.00
29) Chrysene-d12	21.195	240	89062	0.400	ng	0.00
35) Perylene-d12	23.423	264	92496	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	17084	0.314	ng	0.00
5) Phenol-d6	6.794	99	18781	0.311	ng	0.00
8) Nitrobenzene-d5	8.759	82	17549	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	44170	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	6200	0.276	ng	0.00
15) 2-Fluorobiphenyl	12.860	172	63917	0.337	ng	0.00
27) Fluoranthene-d10	19.028	212	73843	0.319	ng	0.00
31) Terphenyl-d14	19.644	244	66986	0.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.207	88	4267	0.302	ng	# 49
3) n-Nitrosodimethylamine	3.539	42	5511	0.308	ng	98
6) bis(2-Chloroethyl)ether	7.052	93	20148	0.332	ng	99
9) Naphthalene	10.432	128	86655	0.321	ng	100
10) Hexachlorobutadiene	10.723	225	16258	0.334	ng	# 100
12) 2-Methylnaphthalene	12.047	142	54185	0.337	ng	98
16) Acenaphthylene	13.951	152	64658	0.314	ng	100
17) Acenaphthene	14.307	154	46164	0.332	ng	100
18) Fluorene	15.296	166	55162	0.331	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	2445	0.371	ng	100
21) 4-Bromophenyl-phenylether	16.190	248	17750	0.325	ng	99
22) Hexachlorobenzene	16.299	284	21035	0.336	ng	99
23) Atrazine	16.470	200	10780	0.285	ng	99
24) Pentachlorophenol	16.652	266	4822	0.356	ng	100
25) Phenanthrene	17.029	178	87537	0.337	ng	99
26) Anthracene	17.127	178	72460	0.324	ng	100
28) Fluoranthene	19.058	202	96181	0.338	ng	100
30) Pyrene	19.425	202	96653	0.342	ng	100
32) Benzo(a)anthracene	21.174	228	90765	0.334	ng	100
33) Chrysene	21.227	228	100363	0.347	ng	99
34) Bis(2-ethylhexyl)phtha...	21.132	149	31514	0.348	ng	100
36) Indeno(1,2,3-cd)pyrene	25.671	276	116340	0.340	ng	99
37) Benzo(b)fluoranthene	22.752	252	100327	0.328	ng	100
38) Benzo(k)fluoranthene	22.796	252	102556	0.338	ng	99
39) Benzo(a)pyrene	23.323	252	88746	0.328	ng	100
40) Dibenzo(a,h)anthracene	25.692	278	93937	0.339	ng	99
41) Benzo(g,h,i)perylene	26.356	276	101218	0.335	ng	100

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

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Instrument :
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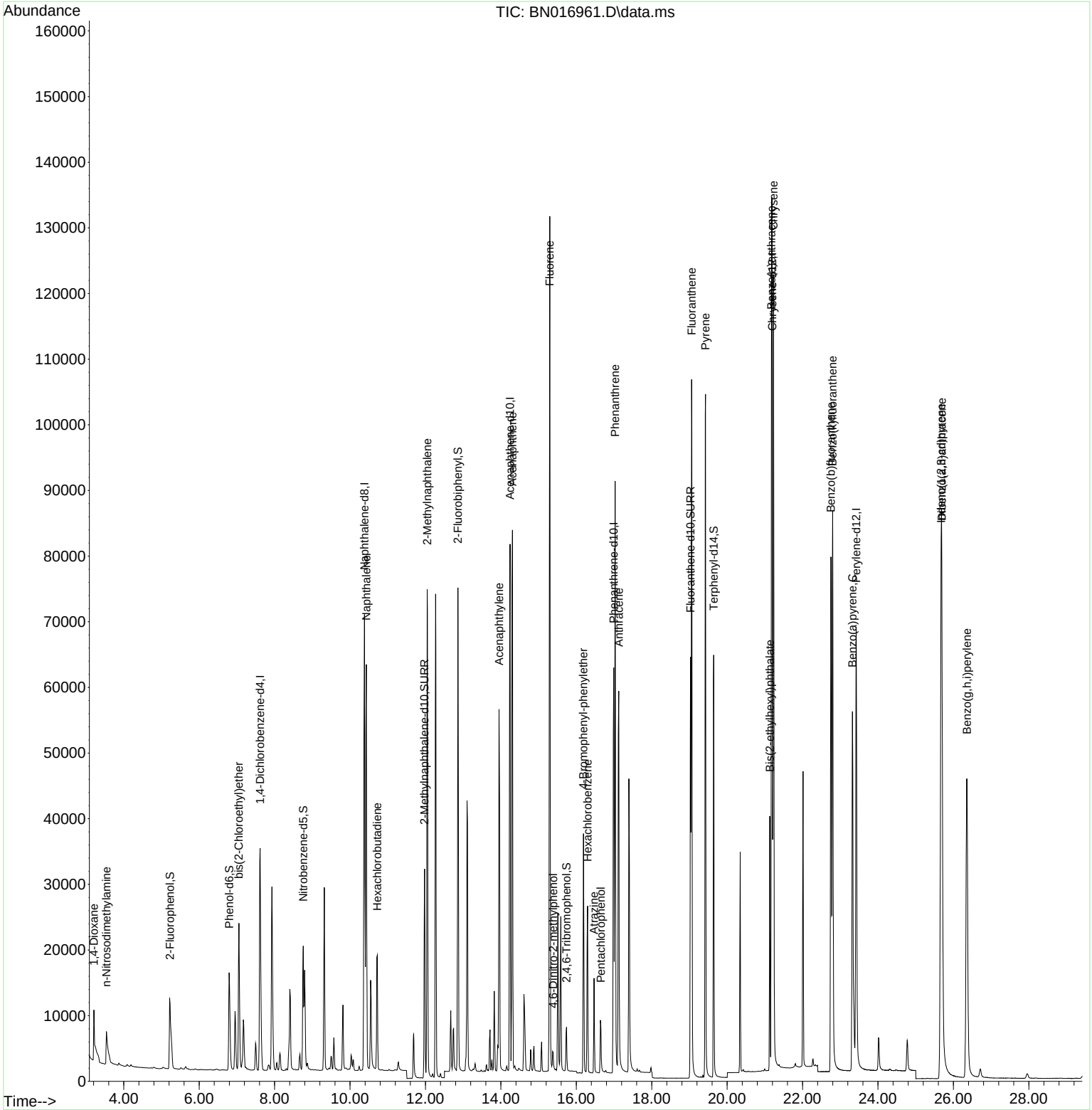
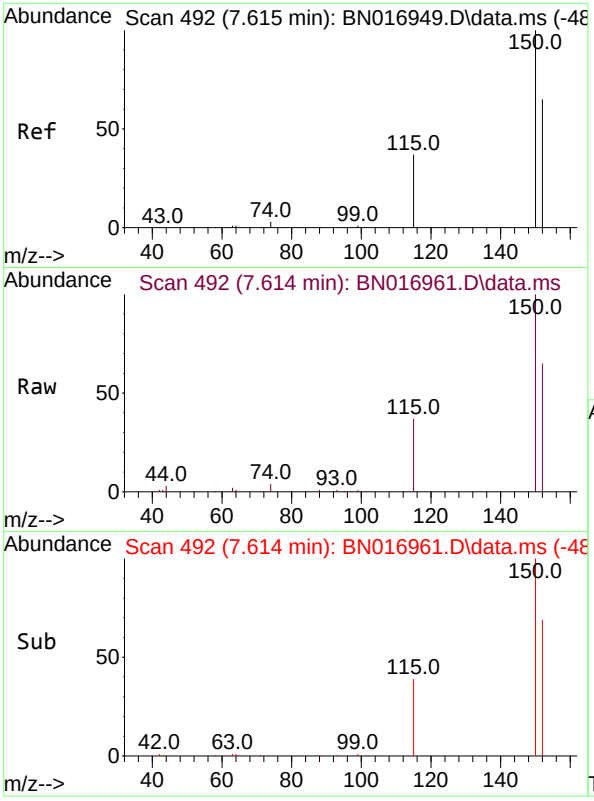
Quant Time: Oct 15 01:44:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration



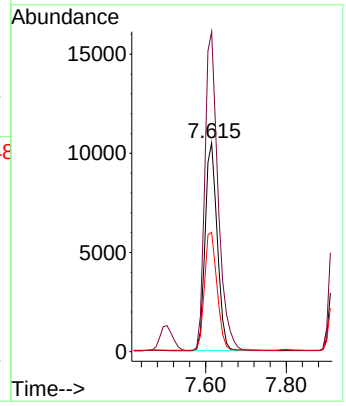
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

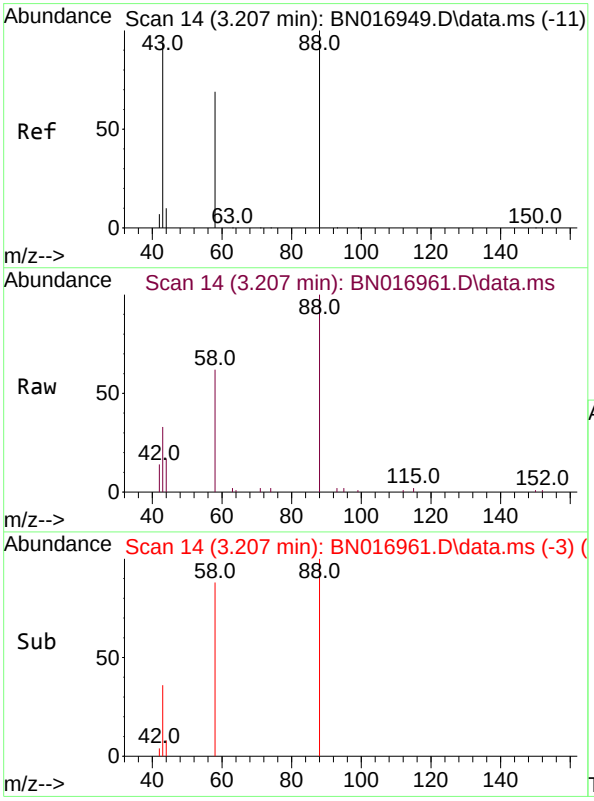


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.614 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:152 Resp: 21873

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	57.2	46.1	69.1

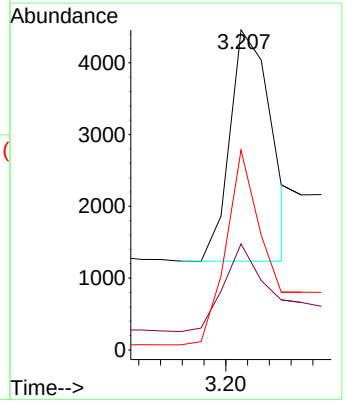




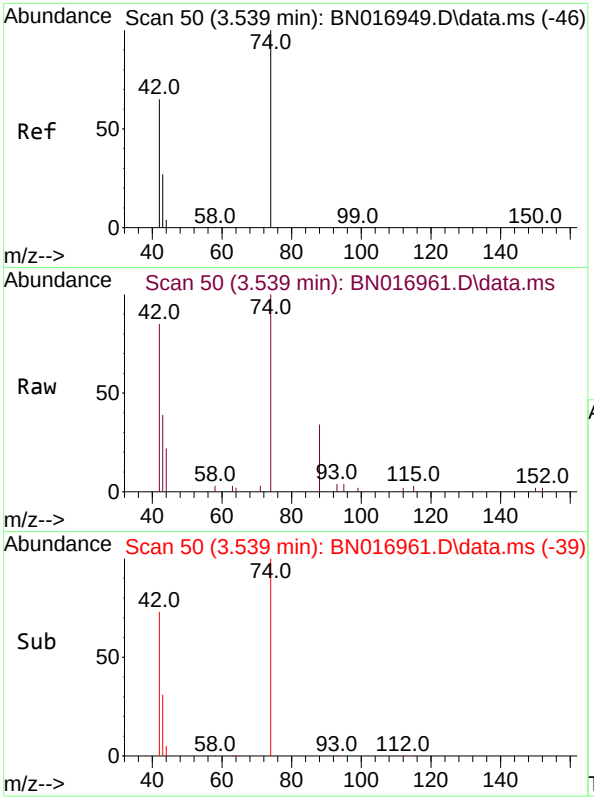
#2
1,4-Dioxane
Concen: 0.302 ng
RT: 3.207 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion: 88 Resp: 4267

Ion	Ratio	Lower	Upper
88	100		
43	38.8	107.1	160.7#
58	77.5	62.4	93.6



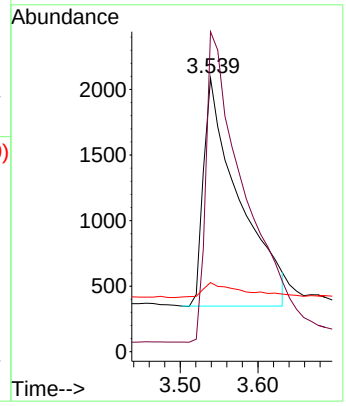
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

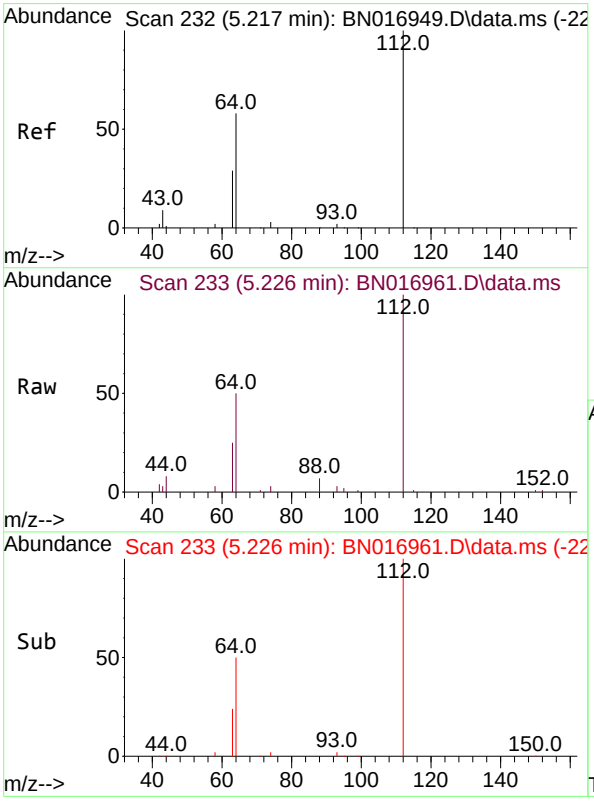


#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.539 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion: 42 Resp: 5511

Ion	Ratio	Lower	Upper
42	100		
74	145.5	114.9	172.3
44	7.1	5.4	8.2

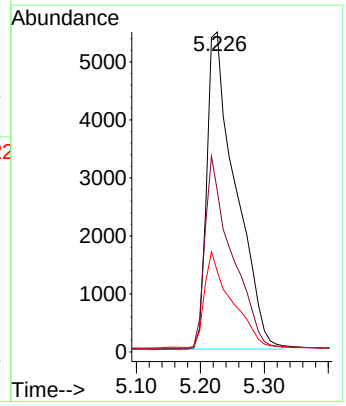




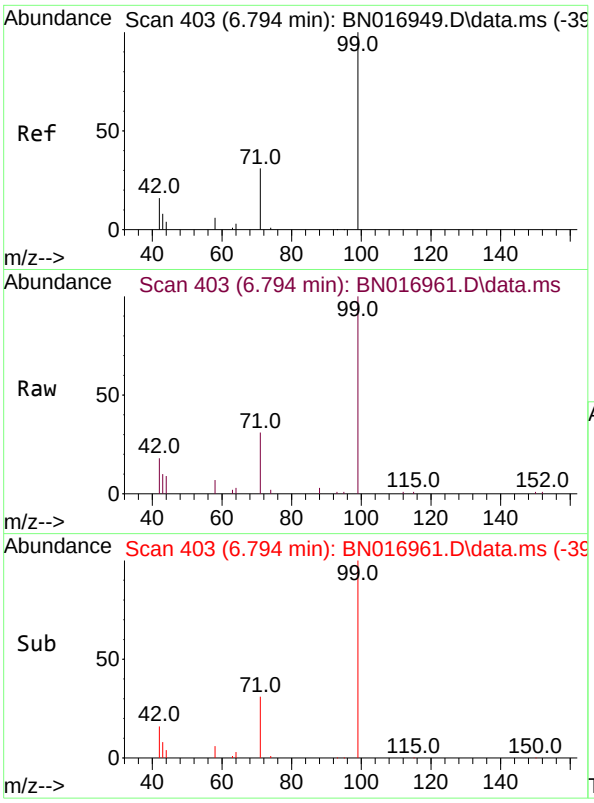
#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.226 min Scan# 233
Delta R.T. 0.009 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:112 Resp: 17084

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.7	67.1
63	28.2	22.6	33.8



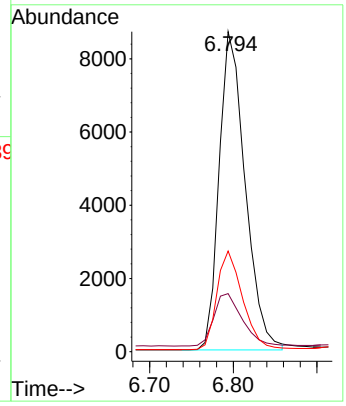
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

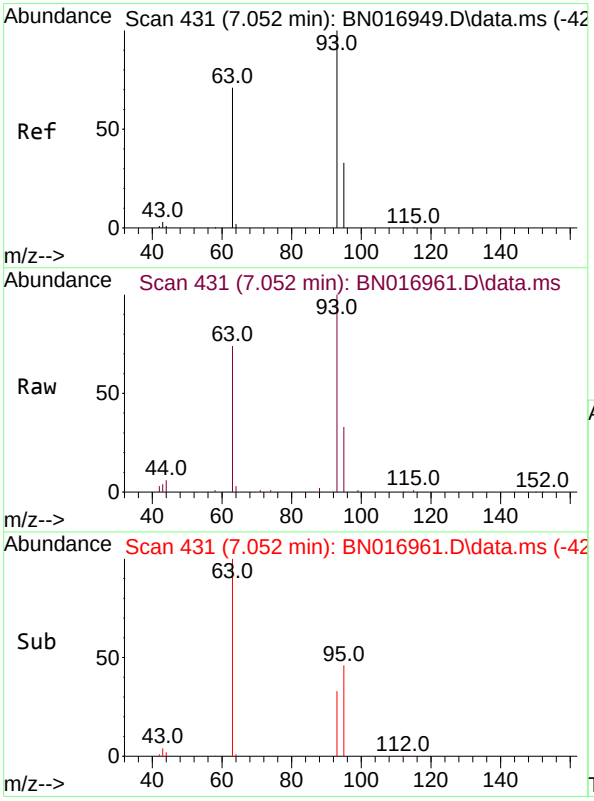


#5
Phenol-d6
Concen: 0.311 ng
RT: 6.794 min Scan# 403
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion: 99 Resp: 18781

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.2	21.4
71	30.7	24.6	36.8

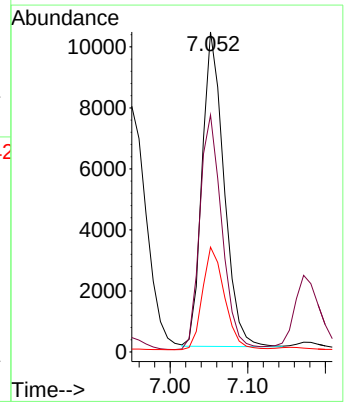




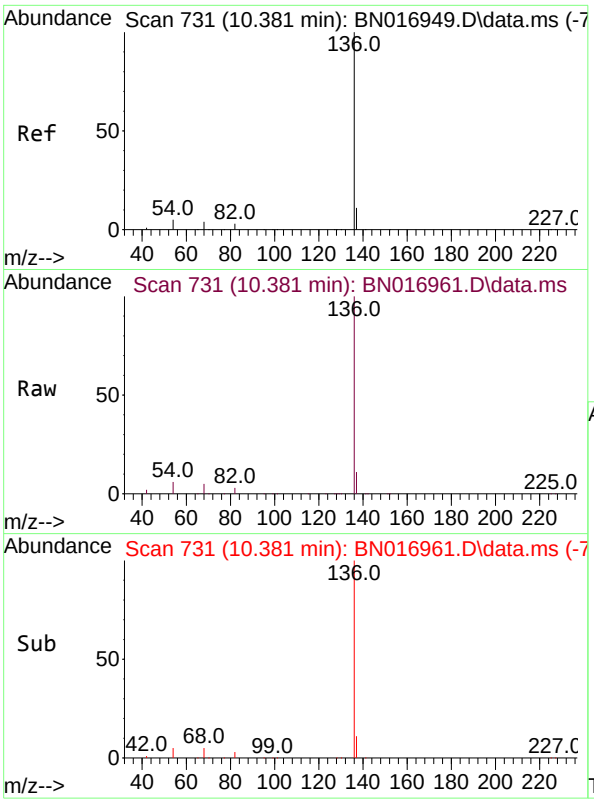
#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.052 min Scan# 431
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion: 93 Resp: 20148

Ion	Ratio	Lower	Upper
93	100		
63	75.7	60.0	90.0
95	33.1	26.5	39.7



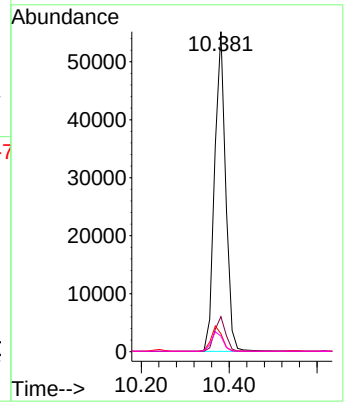
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

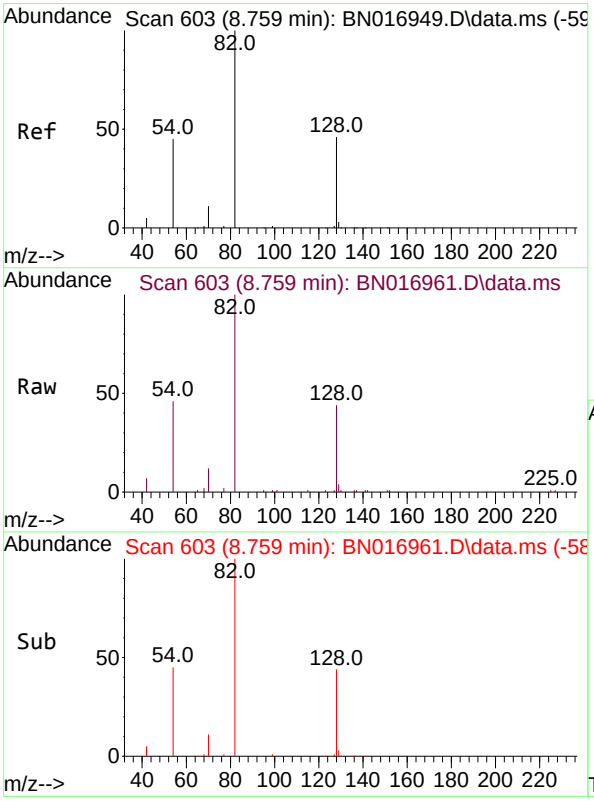


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:136 Resp: 95646

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.6	4.3	6.5
68	4.9	3.7	5.5

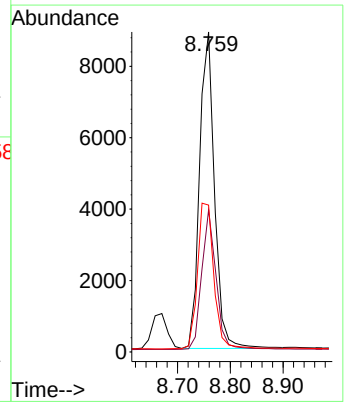


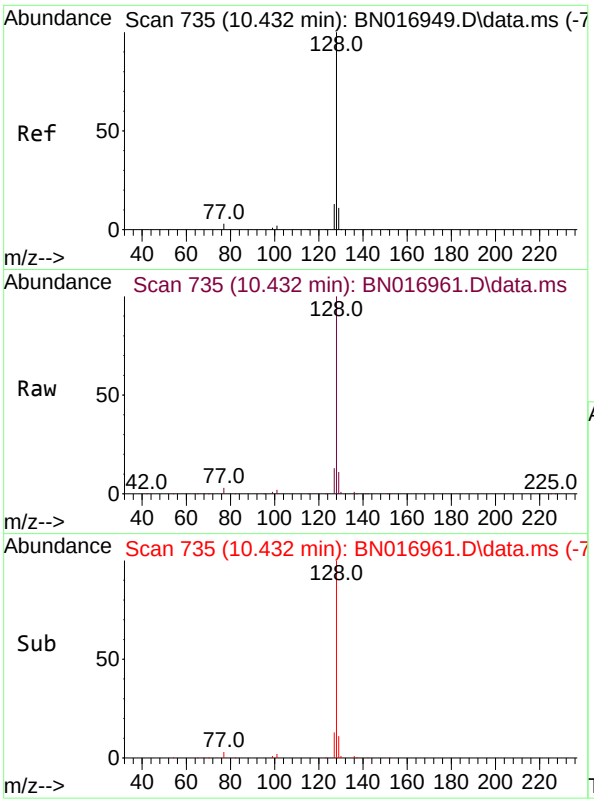


#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion: 82 Resp: 17549

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.4
54	45.9	36.2	54.4

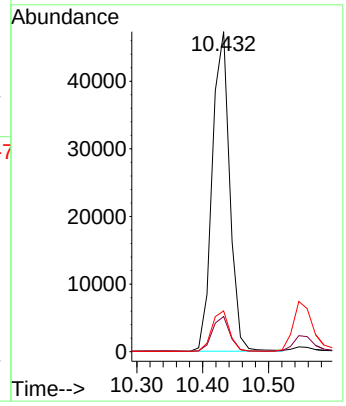




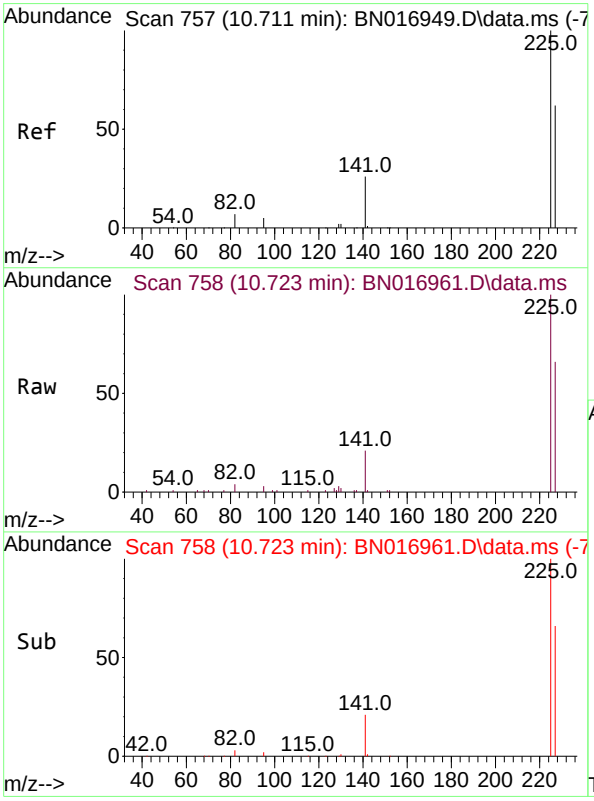
#9
Naphthalene
Concen: 0.321 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:128 Resp: 86655

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.7	10.2	15.2



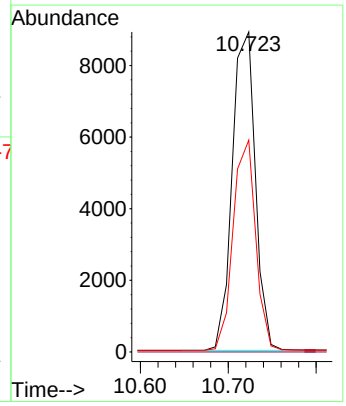
Instrument :
BNA_N
ClientSampleId :
PB139894BSD



#10
Hexachlorobutadiene
Concen: 0.334 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.012 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:225 Resp: 16258

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.2	76.8



Instrument :
BNA_N
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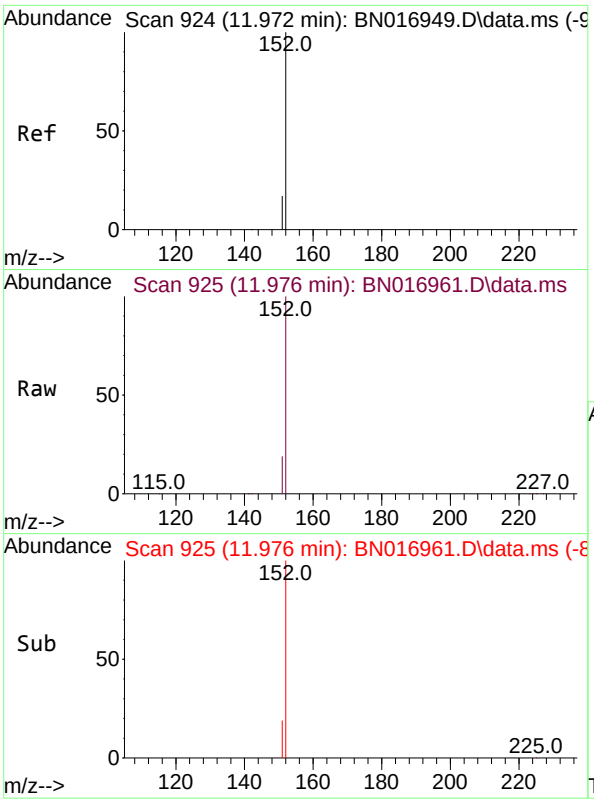
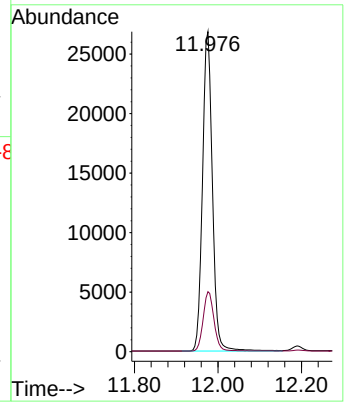
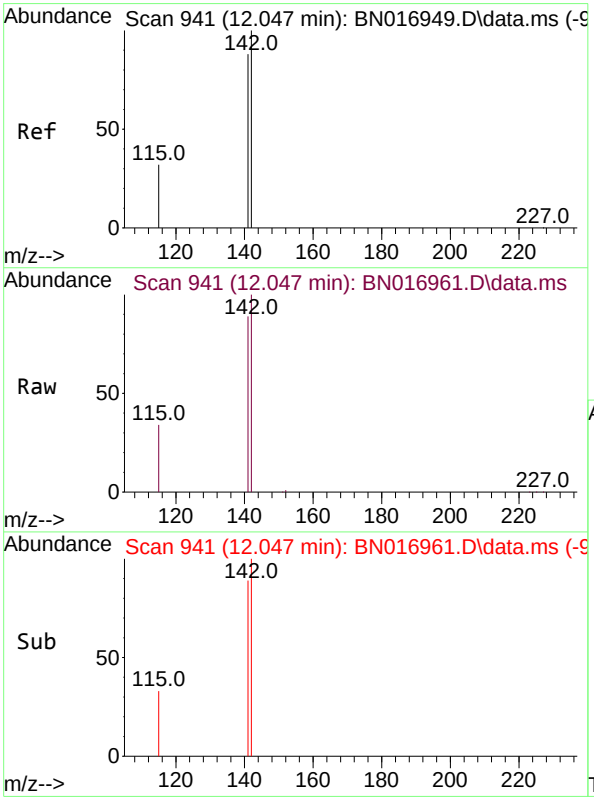


#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.976 min Scan# 925
Delta R.T. 0.004 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:152 Resp: 44170

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

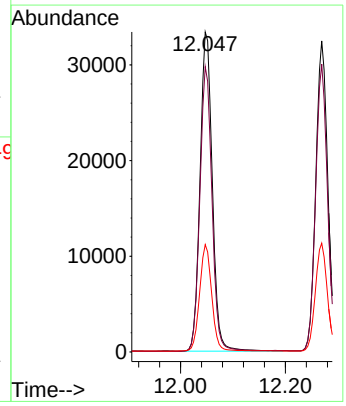




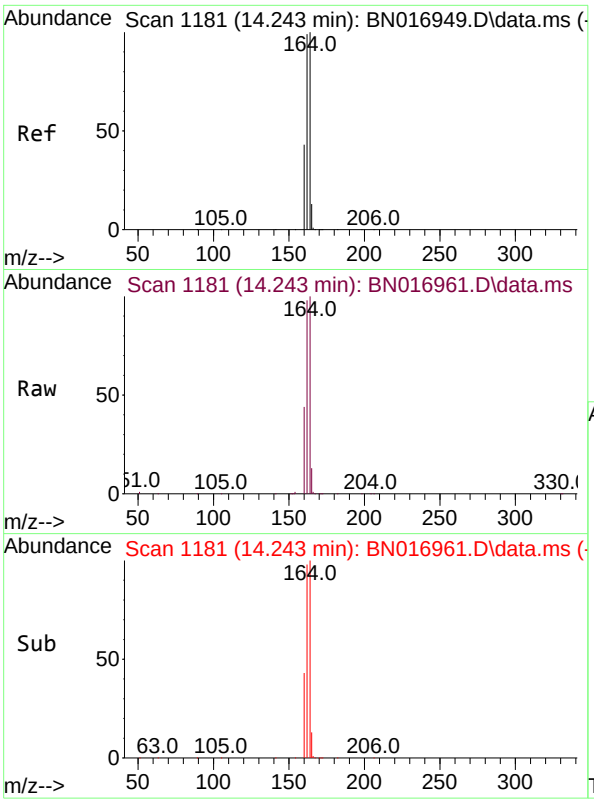
#12
2-Methylnaphthalene
Concen: 0.337 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:142 Resp: 54185

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.2	105.4
115	33.6	26.1	39.1



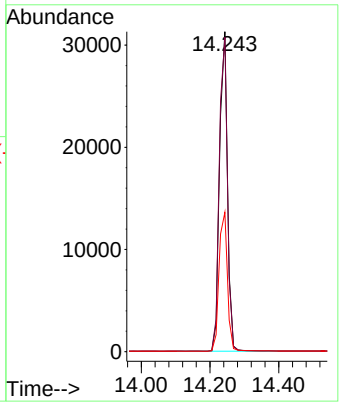
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

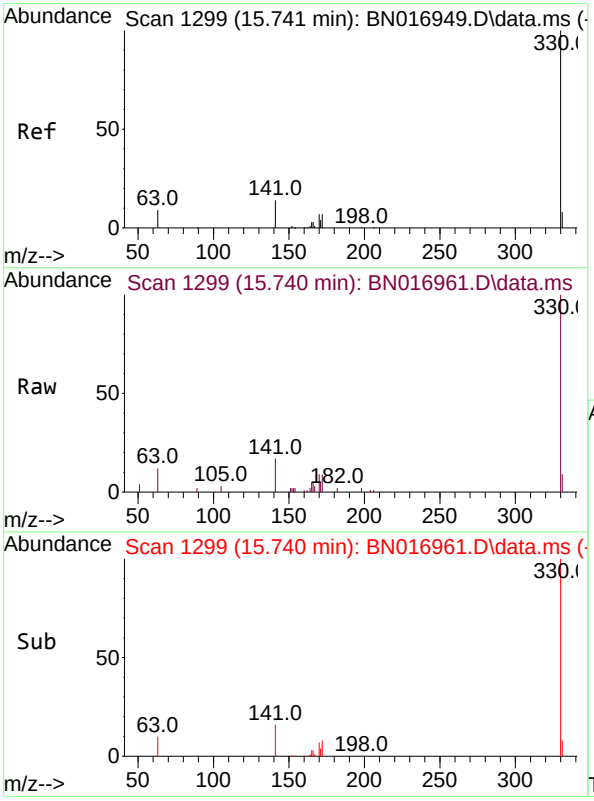


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:164 Resp: 49839

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.1	118.7
160	43.5	34.7	52.1

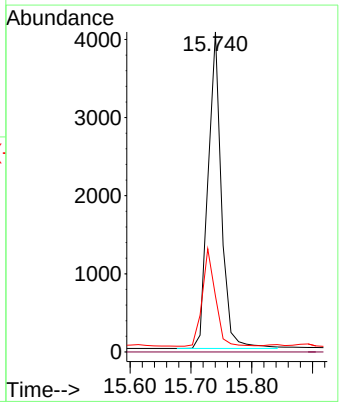




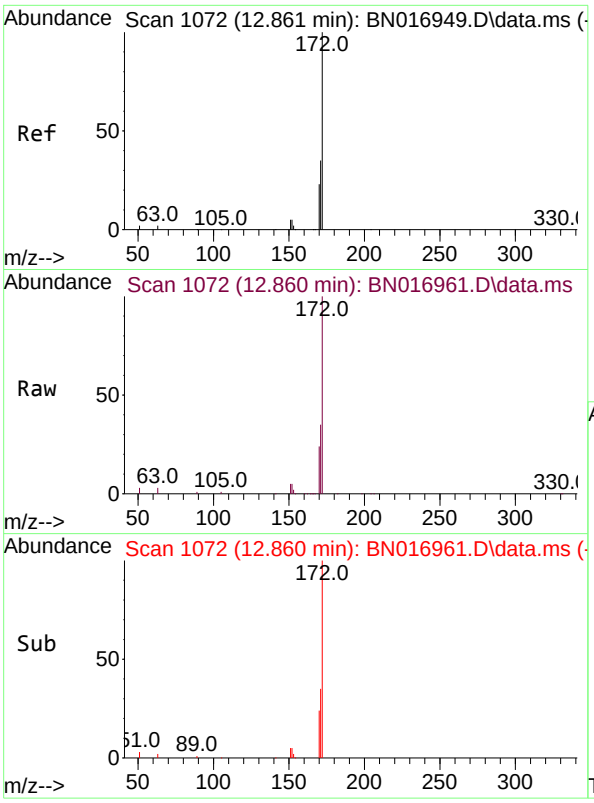
#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:330 Resp: 6200

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.2	24.2	36.2



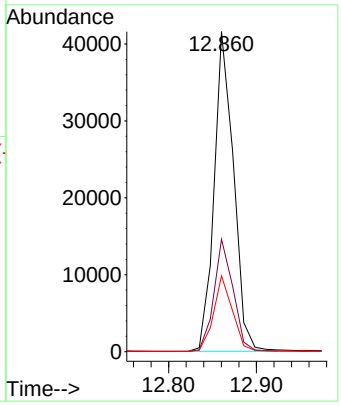
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

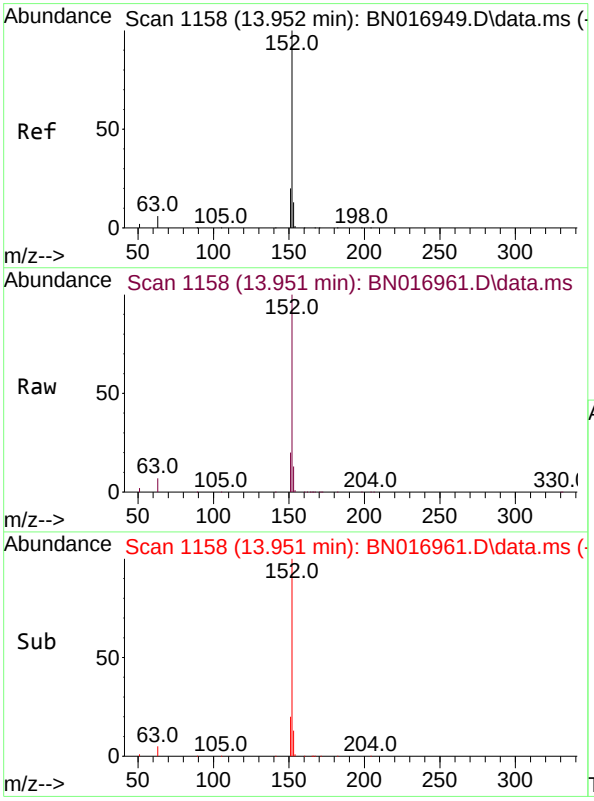


#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:172 Resp: 63917

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.7	18.6	27.8

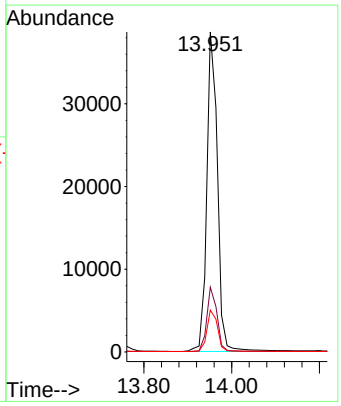




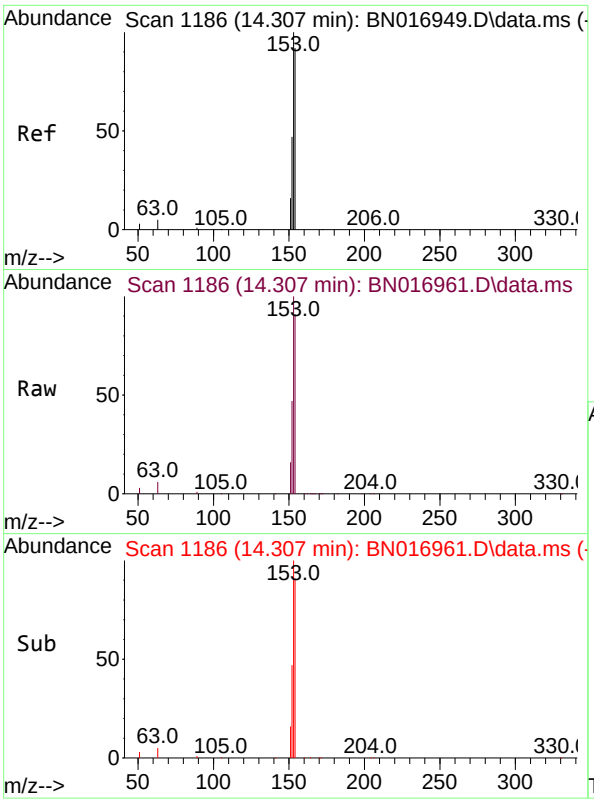
#16
Acenaphthylene
Concen: 0.314 ng
RT: 13.951 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:152 Resp: 64658

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.1	10.5	15.7



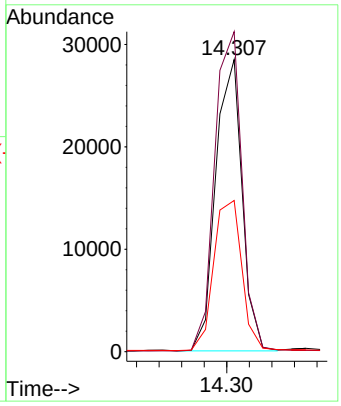
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

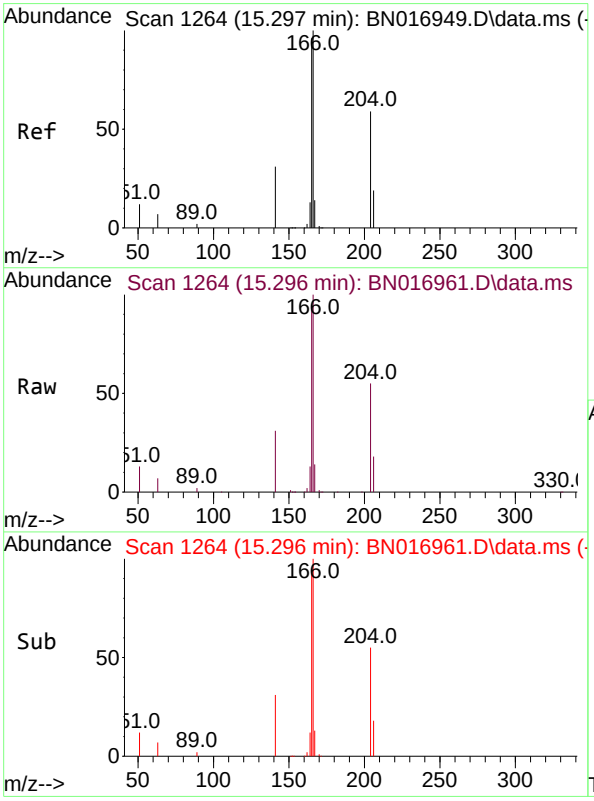


#17
Acenaphthene
Concen: 0.332 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:154 Resp: 46164

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.6	135.8
152	55.4	44.2	66.2

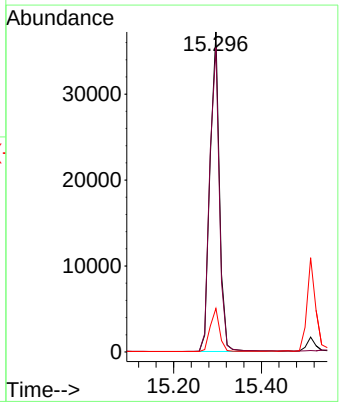


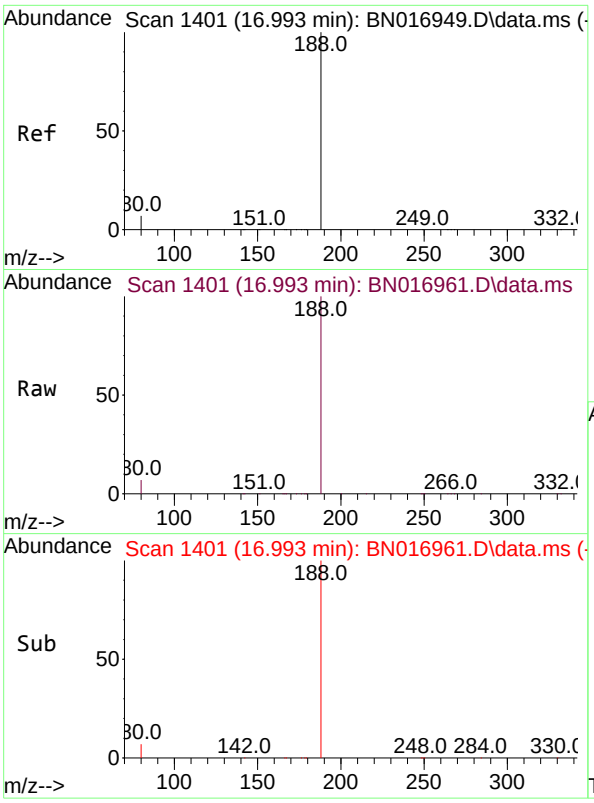


#18
Fluorene
Concen: 0.331 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:166 Resp: 55162

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.3	10.7	16.1

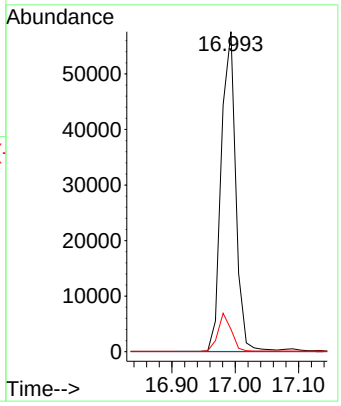




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:188 Resp: 91033

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	5.6	8.4



Instrument :
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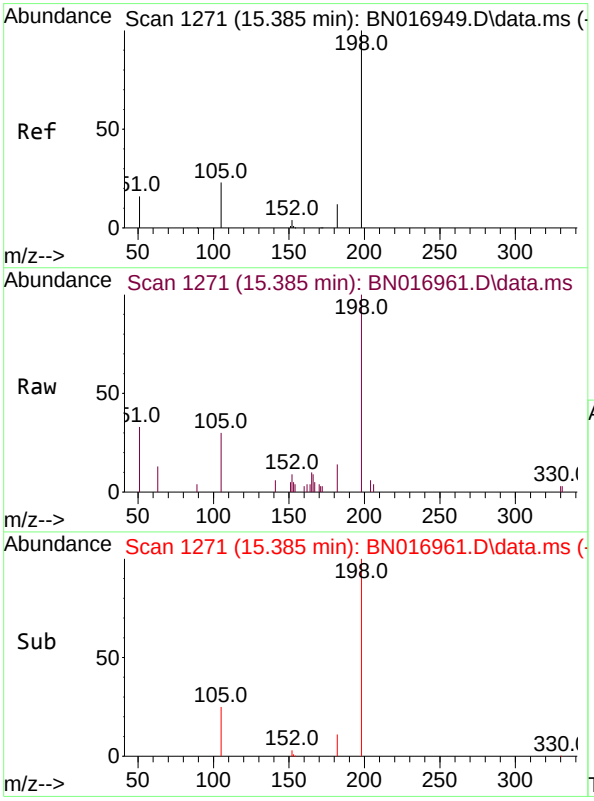
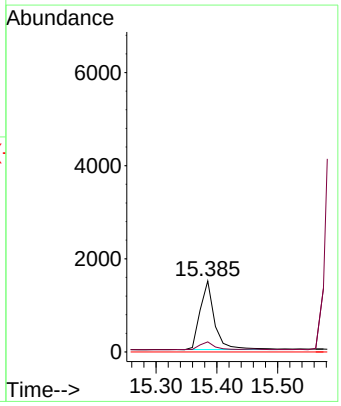


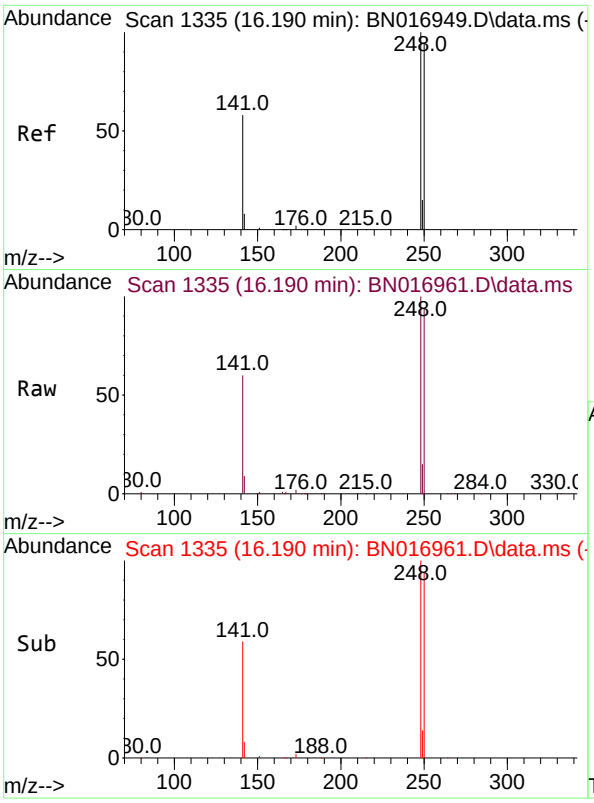
#20
4,6-Dinitro-2-methylphenol
Concen: 0.371 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:198 Resp: 2445

Ion	Ratio	Lower	Upper
198	100		
182	14.3	11.5	17.3
77	0.0	0.0	0.0



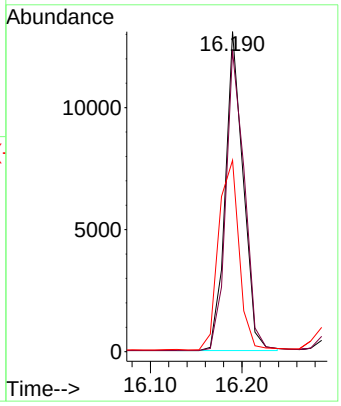
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

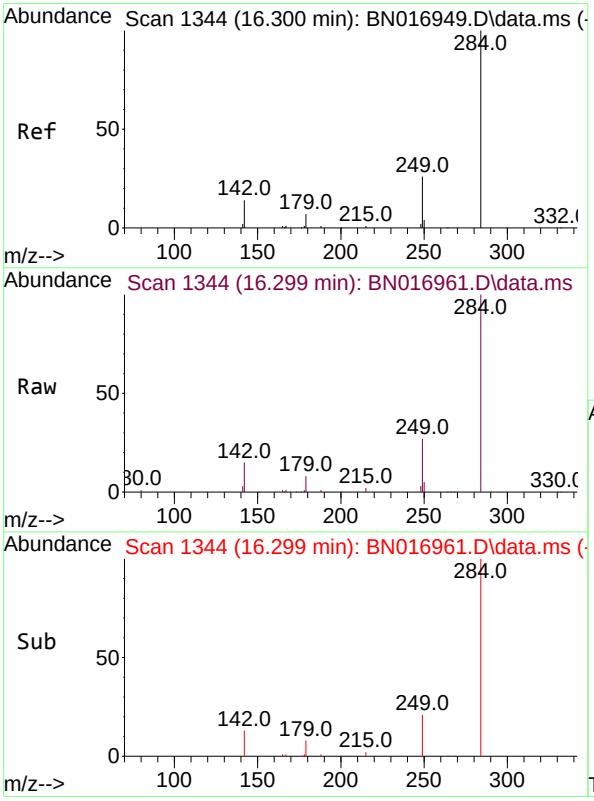


#21
4-Bromophenyl-phenylether
Concen: 0.325 ng
RT: 16.190 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:248 Resp: 17750

Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.1	114.1
141	59.8	46.6	70.0

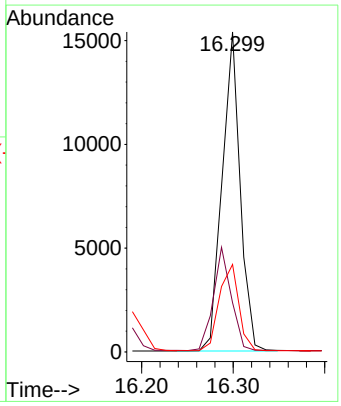




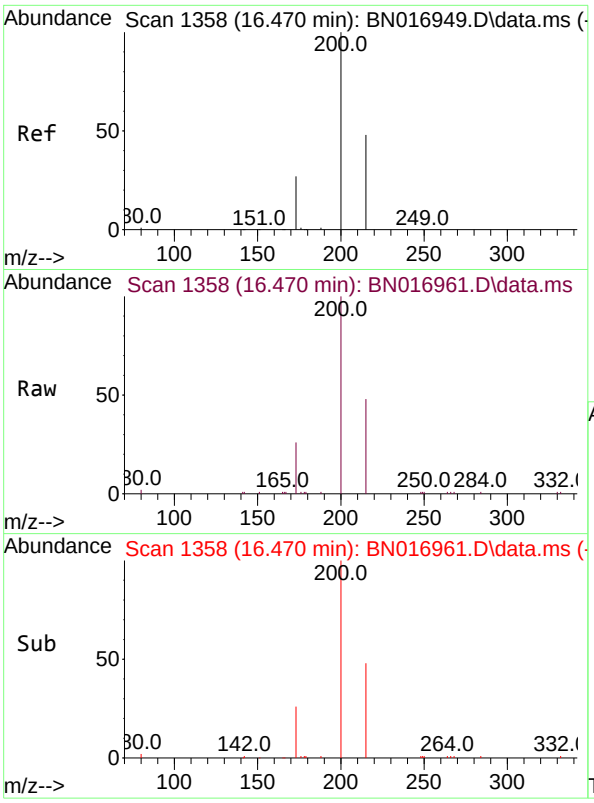
#22
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.299 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:284 Resp: 21035

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.9	38.9
249	29.4	23.3	34.9



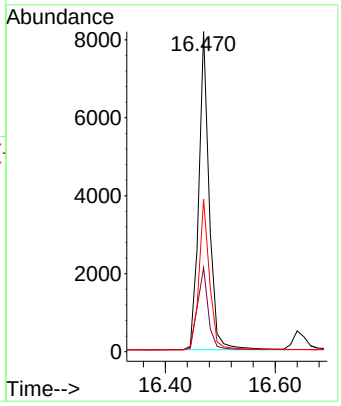
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

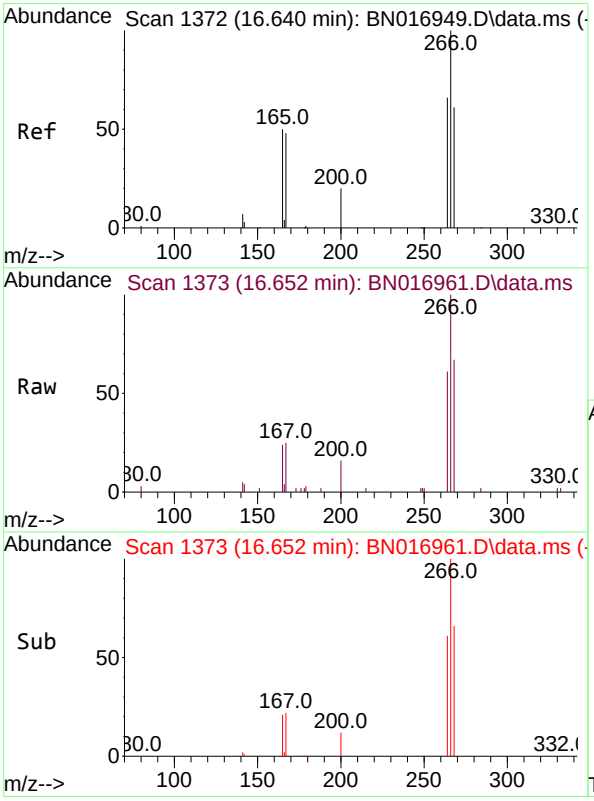


#23
Atrazine
Concen: 0.285 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:200 Resp: 10780

Ion	Ratio	Lower	Upper
200	100		
173	26.2	21.7	32.5
215	47.7	38.6	57.8

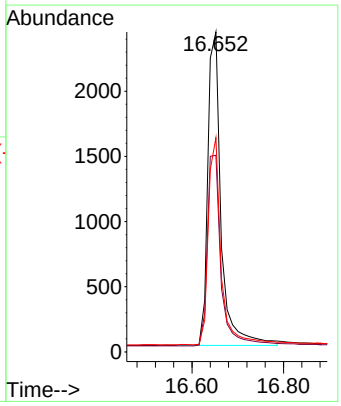




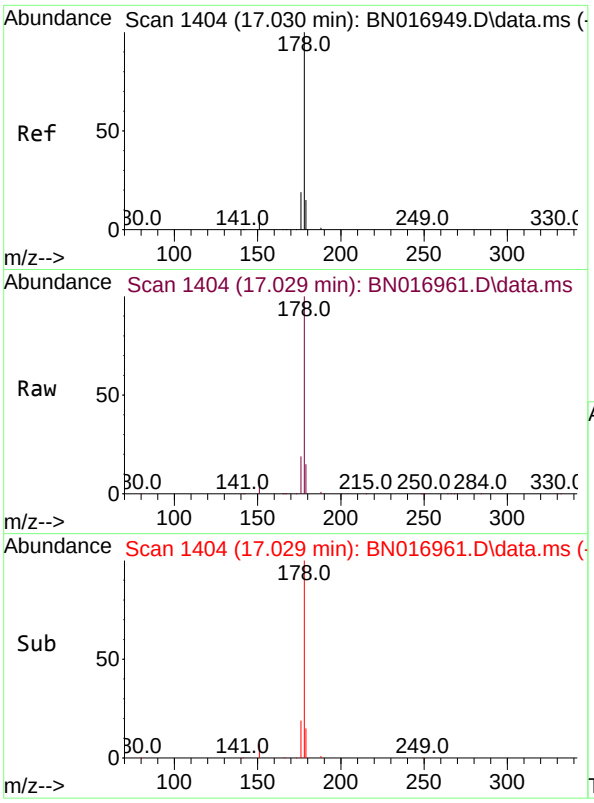
#24
Pentachlorophenol
Concen: 0.356 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.012 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:266 Resp: 4822

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	64.0	51.1	76.7



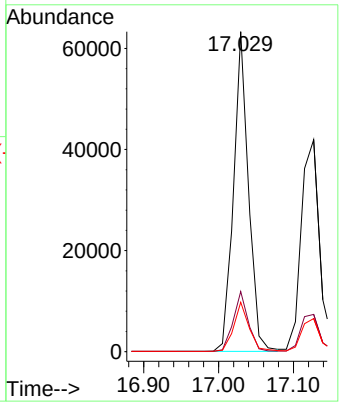
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

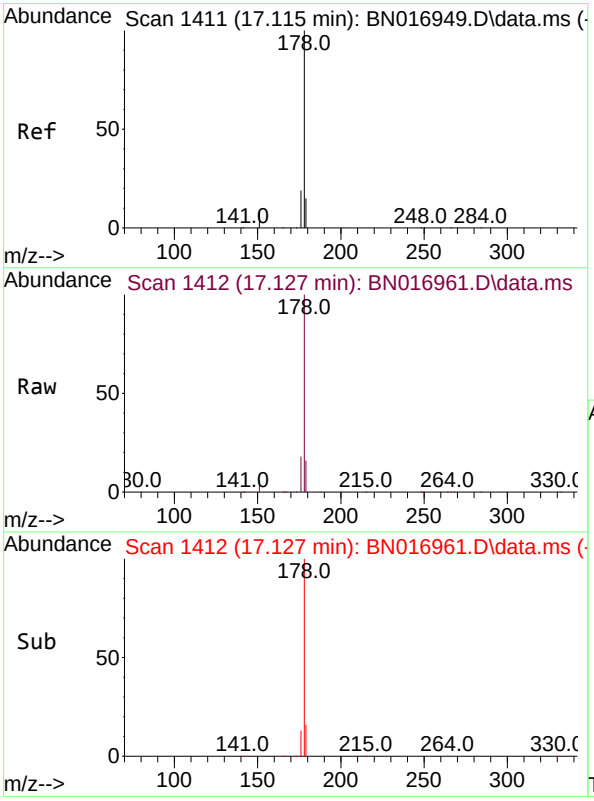


#25
Phenanthrene
Concen: 0.337 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.001 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:178 Resp: 87537

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.0	12.2	18.4

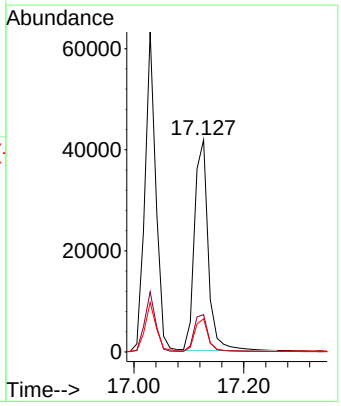




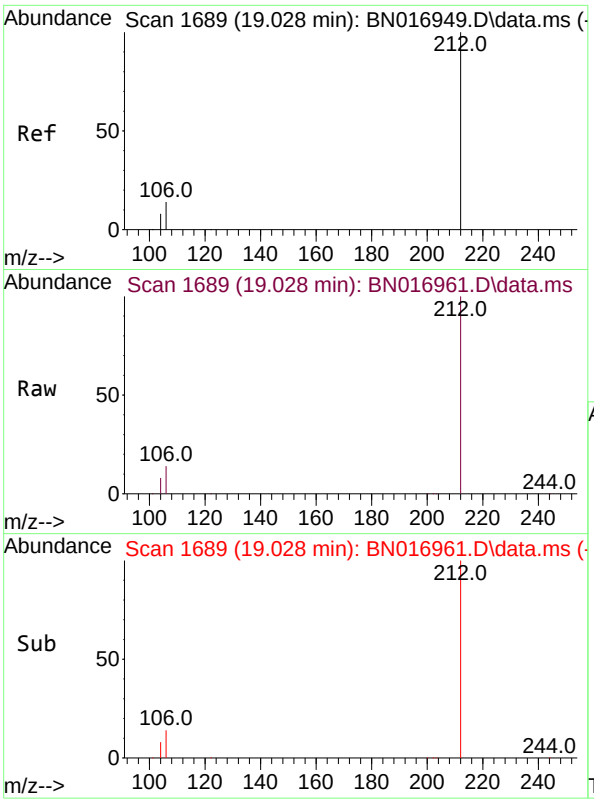
#26
Anthracene
Concen: 0.324 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:178 Resp: 72460

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.4	12.3	18.5



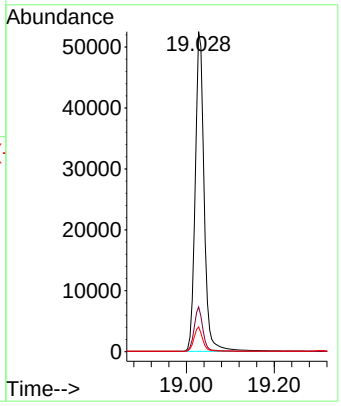
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

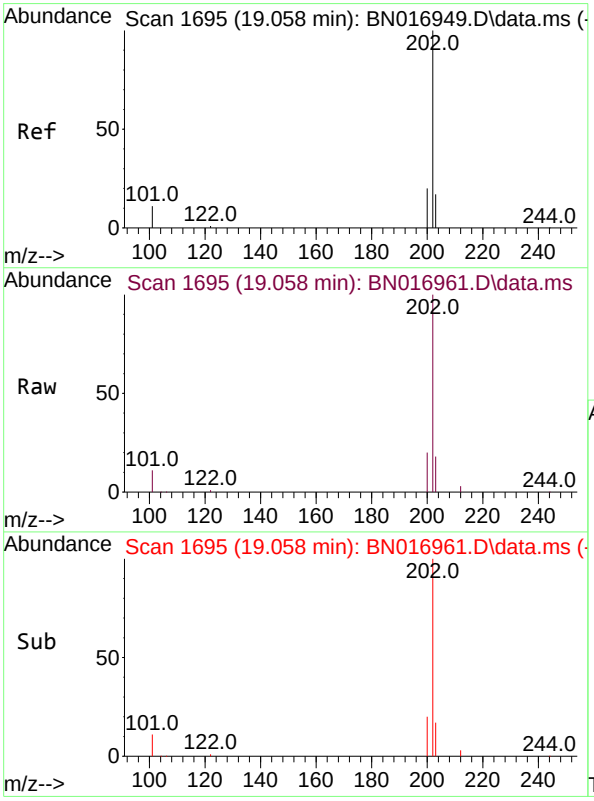


#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.028 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:212 Resp: 73843

Ion	Ratio	Lower	Upper
212	100		
106	13.7	10.9	16.3
104	7.4	6.0	9.0

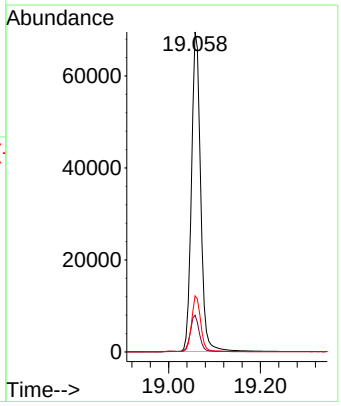




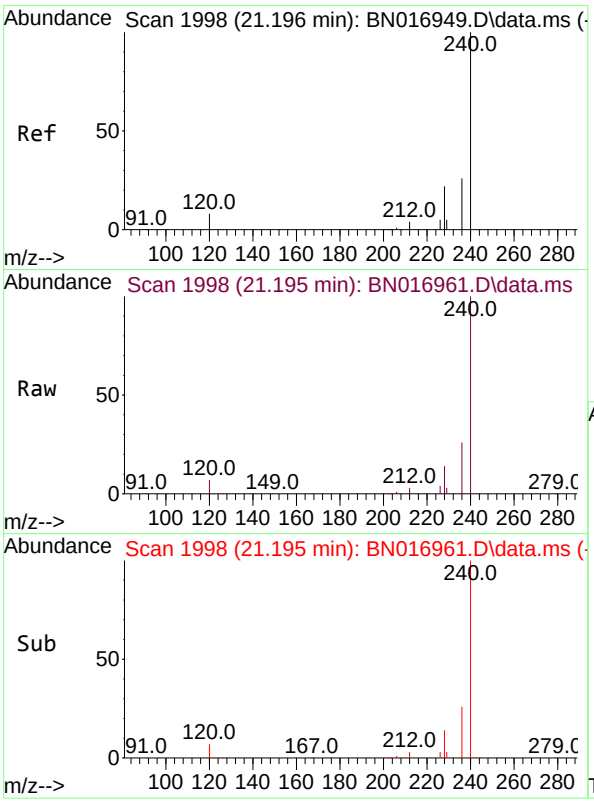
#28
Fluoranthene
Concen: 0.338 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:202 Resp: 96181

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.4	13.8	20.8



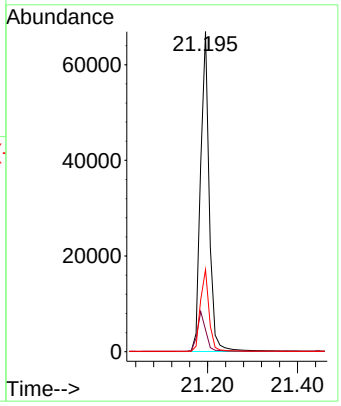
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

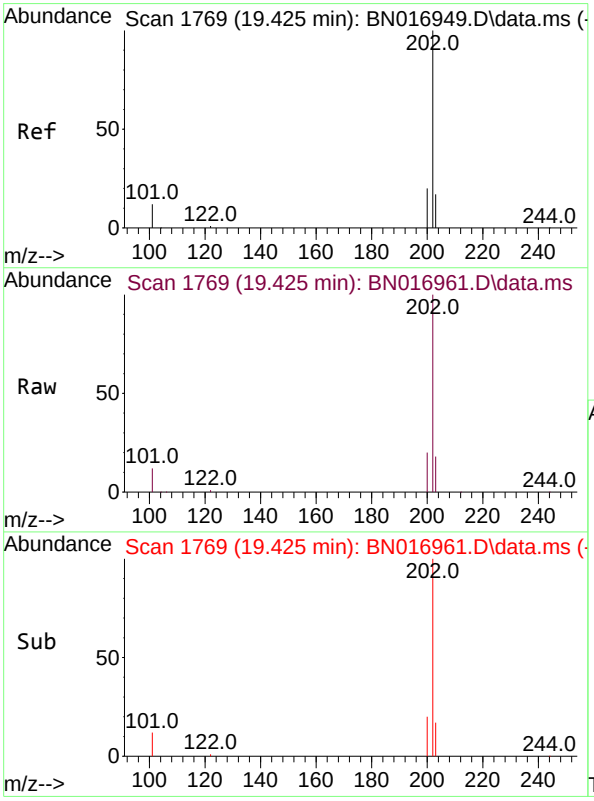


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:240 Resp: 89062

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.5	9.7
236	25.6	20.8	31.2

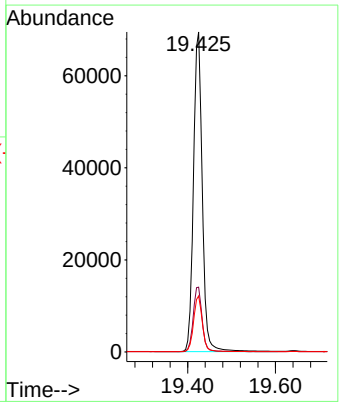




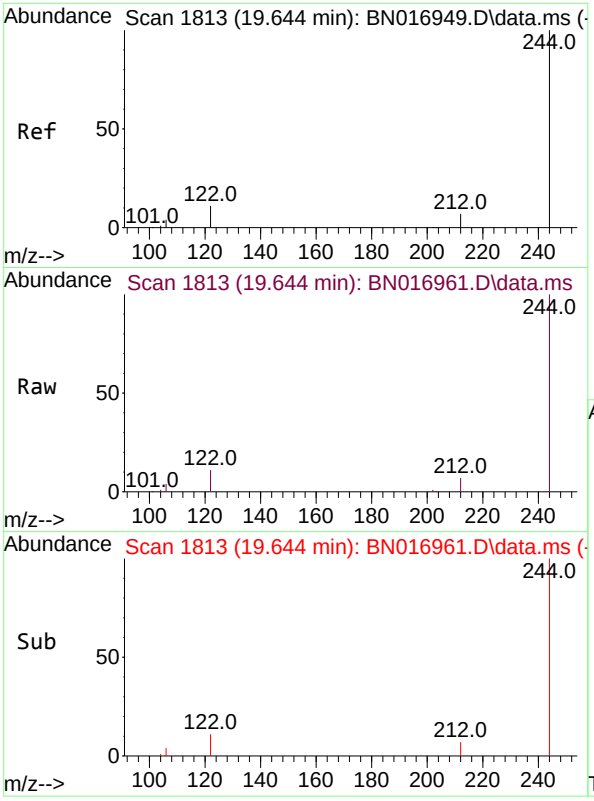
#30
Pyrene
Concen: 0.342 ng
RT: 19.425 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:202 Resp: 96653

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.5	14.0	21.0



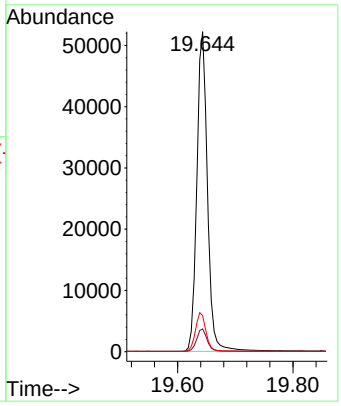
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

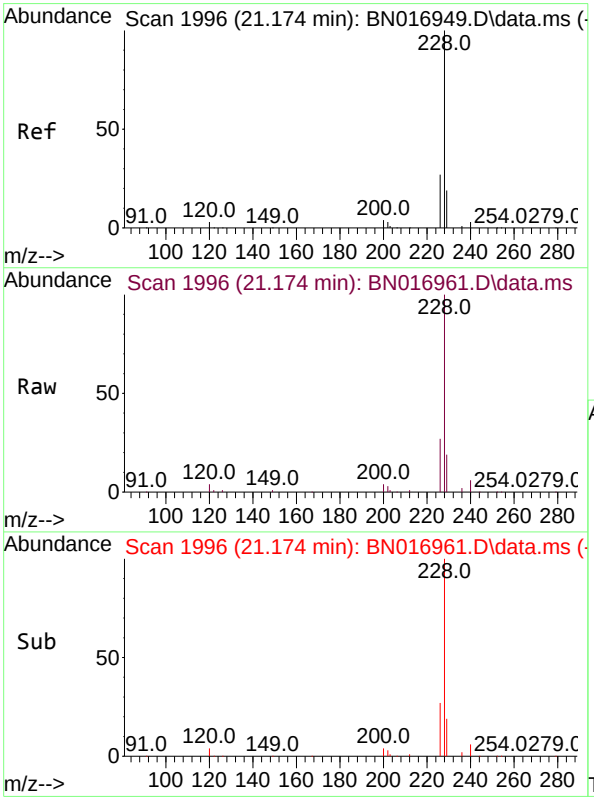


#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:244 Resp: 66986

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	9.2	13.8

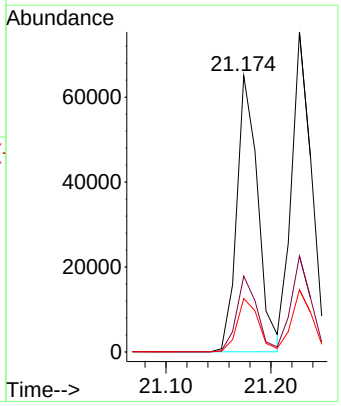




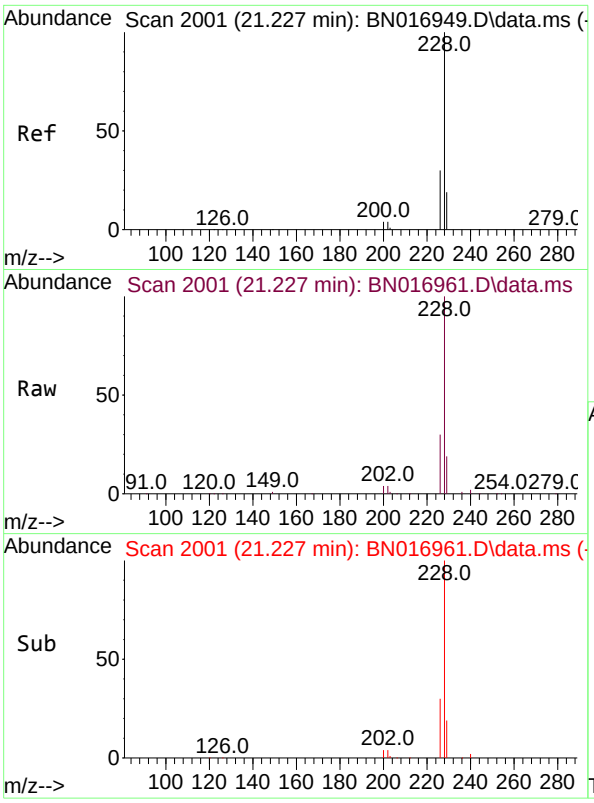
#32
Benzo(a)anthracene
Concen: 0.334 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:228 Resp: 90765

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.4	15.3	22.9



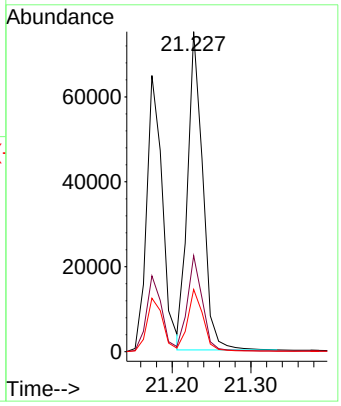
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

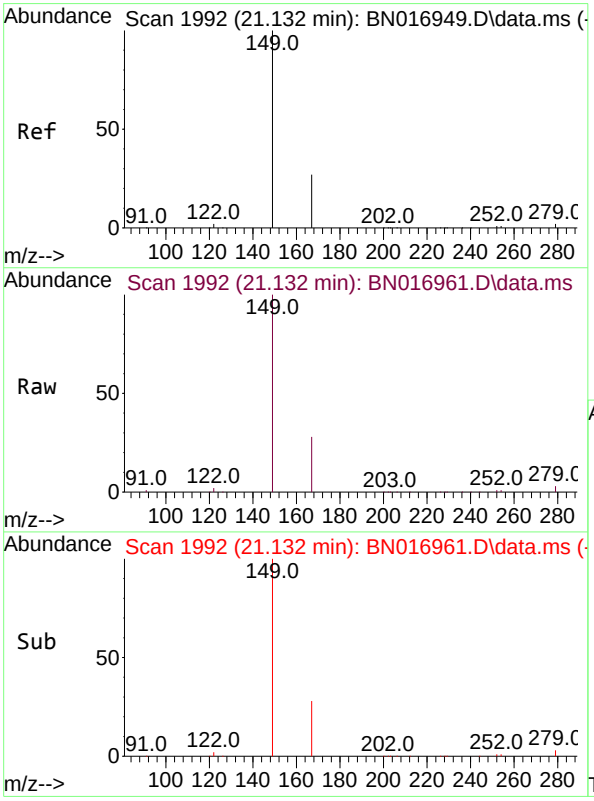


#33
Chrysene
Concen: 0.347 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:228 Resp: 100363

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.5	15.3	22.9

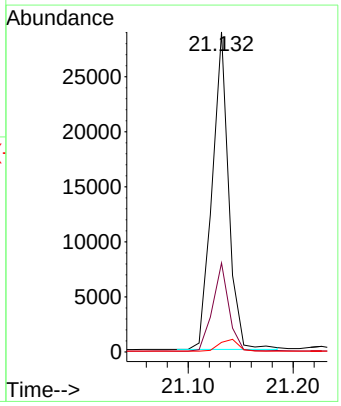




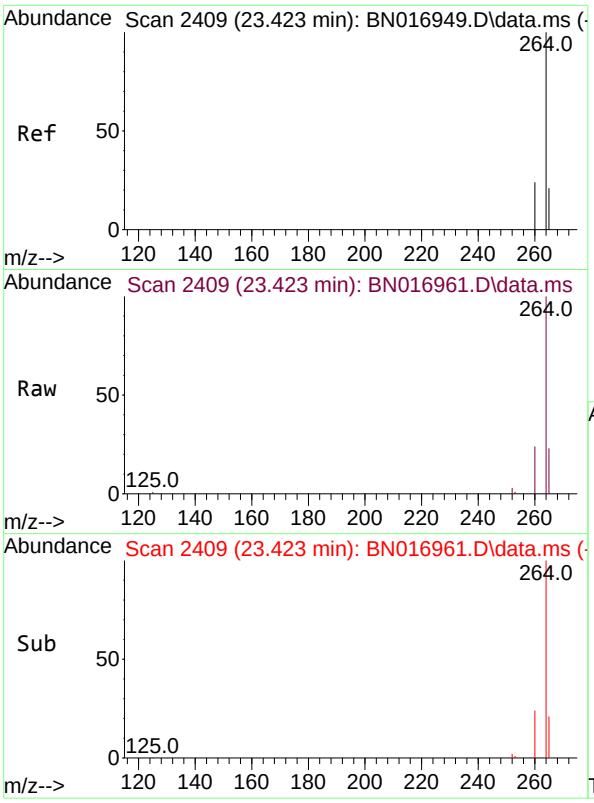
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.132 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:149 Resp: 31514

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.0	33.0
279	4.3	3.4	5.2



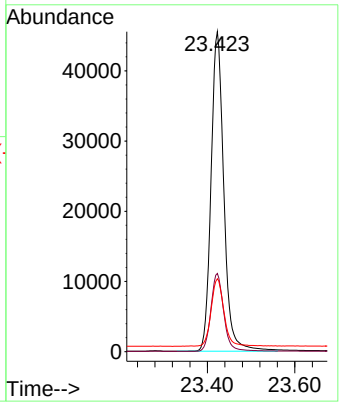
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

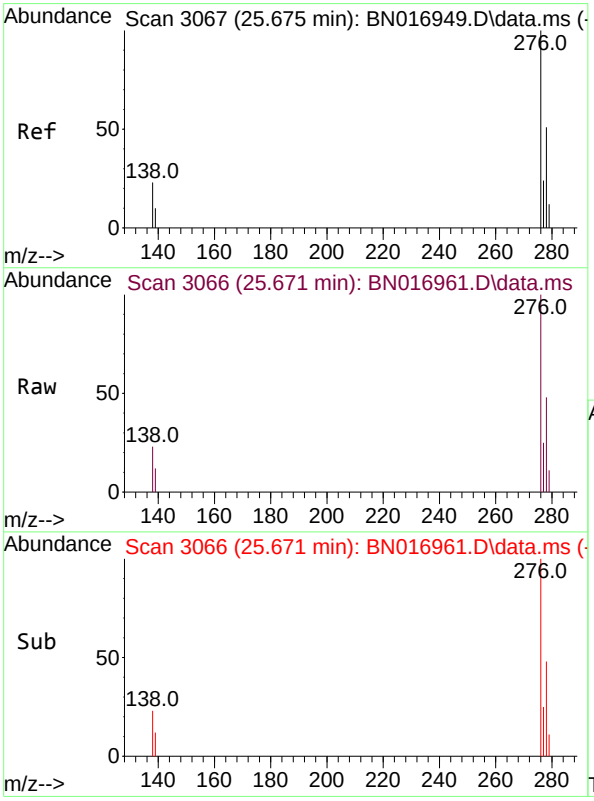


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:264 Resp: 92496

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.8	18.8	28.2

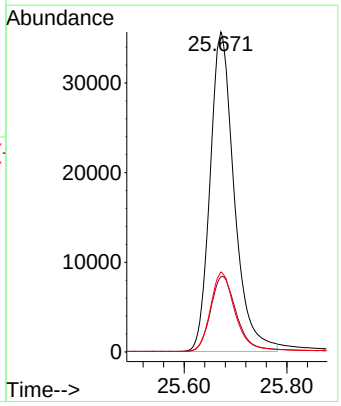




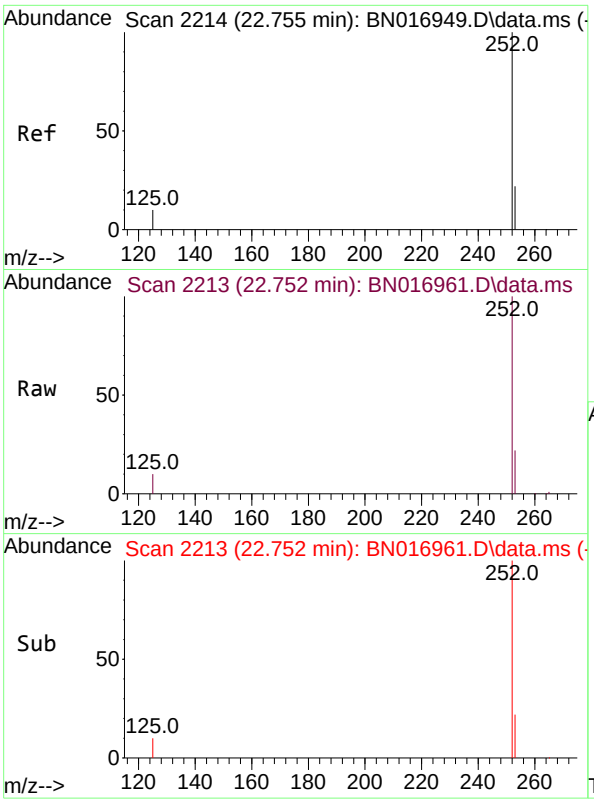
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng
RT: 25.671 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:276 Resp: 116340

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.4	29.2
277	25.3	20.1	30.1



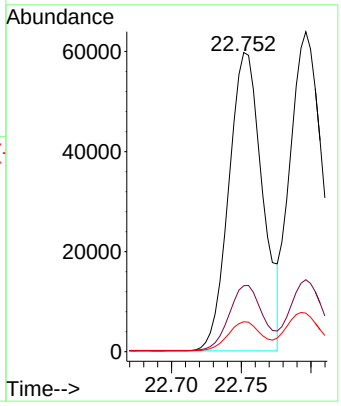
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

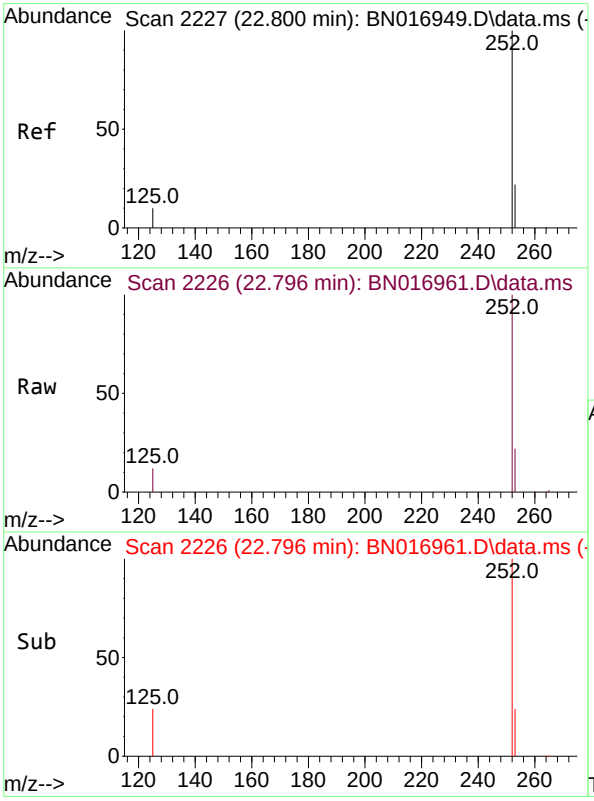


#37
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 22.752 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:252 Resp: 100327

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.0	7.9	11.9

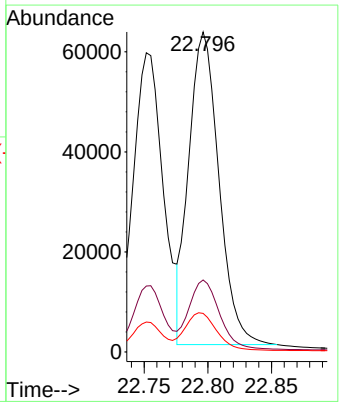




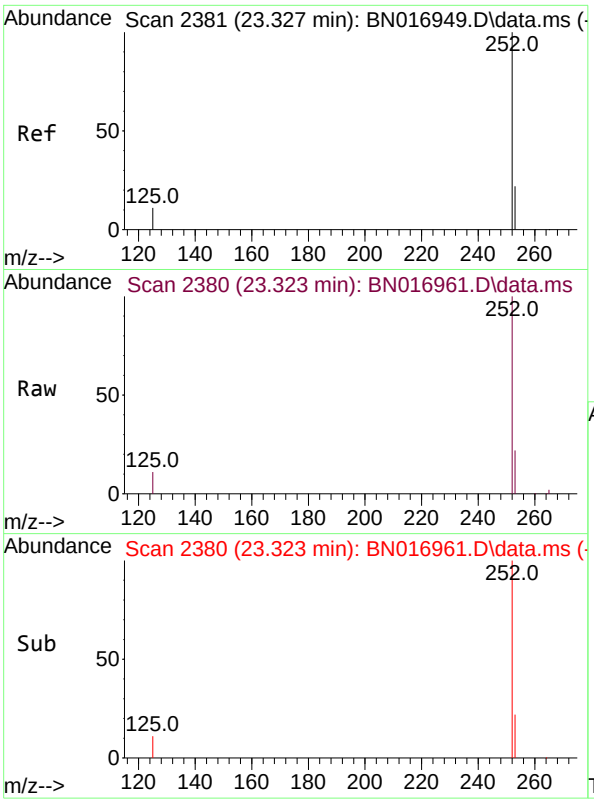
#38
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 22.796 min Scan# 2226
Delta R.T. -0.004 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:252 Resp: 102556

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.0	8.4	12.6



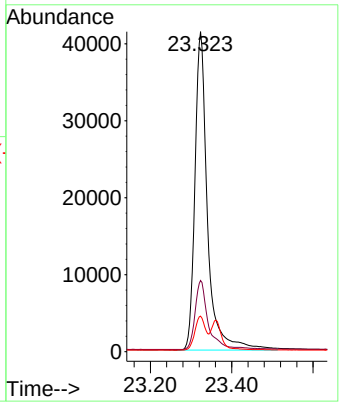
Instrument :
BNA_N
ClientSampleId :
PB139894BSD

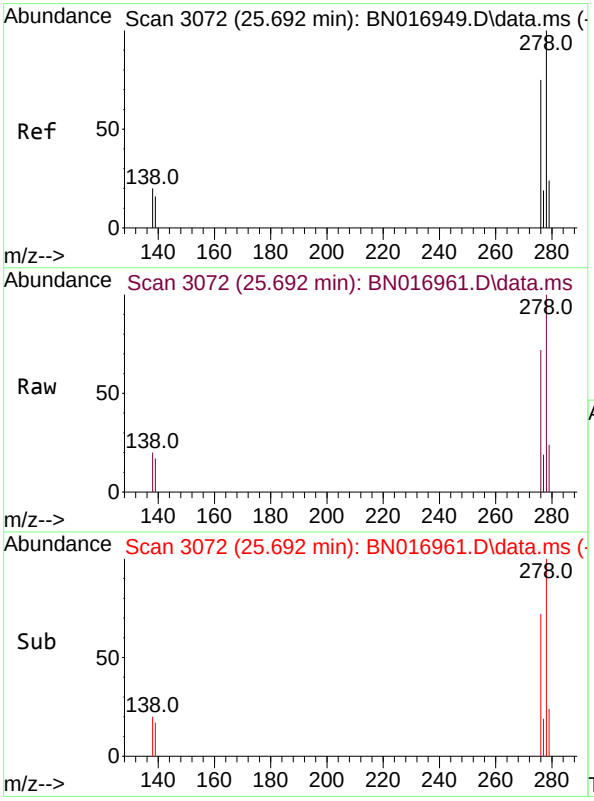


#39
Benzo(a)pyrene
Concen: 0.328 ng
RT: 23.323 min Scan# 2380
Delta R.T. -0.004 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:252 Resp: 88746

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.1	9.0	13.6

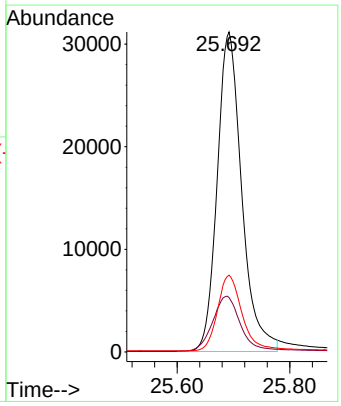


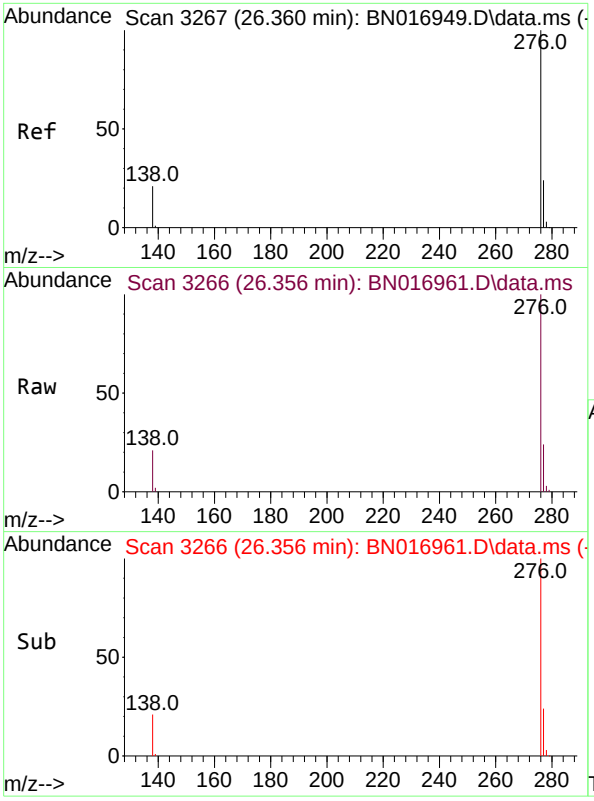


#40
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 25.692 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:278 Resp: 93937

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.6
279	24.0	19.1	28.7

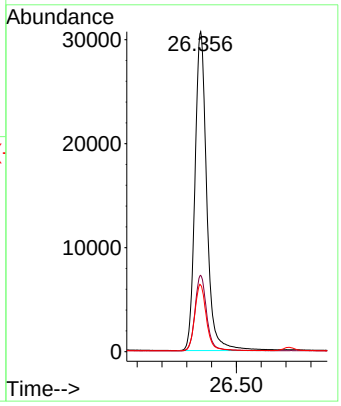




#41
Benzo(g,h,i)perylene
Concen: 0.335 ng
RT: 26.356 min Scan# 3266
Delta R.T. -0.004 min
Lab File: BN016961.D
Acq: 14 Oct 2021 21:17

Tgt Ion:276 Resp: 101218

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	20.7	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
PB139894BSD