Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016227.D
Acq On : 05 Sep 2021 14:36
Operator : CG/JU
Sample : PB138875BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138875BS

Quant Time: Sep 06 06:23:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	14968	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	76817	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	43978	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	86562	0.400	ng	#-0.01
29) Chrysene-d12	21.429	240	92091	0.400	ng	# 0.00
35) Perylene-d12	23.817	264	82056	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	15551	0.368	ng	0.00
5) Phenol-d6	7.043	99	19369	0.359	ng	0.00
8) Nitrobenzene-d5	9.025	82	21811	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	47286	0.387	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	7058	0.360	ng	-0.01
15) 2-Fluorobiphenyl	13.114	172	63071	0.380	ng	-0.01
27) Fluoranthene-d10	19.277	212	101530	0.391	ng	0.00
31) Terphenyl-d14	19.872	244	87116	0.374	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	2218	0.463	ng	# 65
3) n-Nitrosodimethylamine	3.742	42	4469	0.384	ng	# 99
6) bis(2-Chloroethyl)ether	7.292	93	15366	0.393	ng	99
9) Naphthalene	10.711	128	77626	0.382	ng	100
10) Hexachlorobutadiene	11.002	225	16207	0.392	ng	# 100
12) 2-Methylnaphthalene	12.323	142	53117	0.387	ng	99
16) Acenaphthylene	14.218	152	73138	0.371	ng	100
17) Acenaphthene	14.561	154	47566	0.381	ng	100
18) Fluorene	15.538	166	59388	0.378	ng	100
20) 4,6-Dinitro-2-methylph...	15.626	198	757	0.379	ng	# 82
21) 4-Bromophenyl-phenylether	16.434	248	17192	0.376	ng	89
22) Hexachlorobenzene	16.555	284	20570	0.381	ng	99
23) Atrazine	16.701	200	15444	0.334	ng	99
24) Pentachlorophenol	16.896	266	3456	0.505	ng	98
25) Phenanthrene	17.285	178	94158	0.389	ng	100
26) Anthracene	17.371	178	87055	0.377	ng	99
28) Fluoranthene	19.306	202	113590	0.395	ng	100
30) Pyrene	19.669	202	115253	0.384	ng	100
32) Benzo(a)anthracene	21.408	228	117312	0.379	ng	98
33) Chrysene	21.461	228	115580	0.385	ng	98
34) Bis(2-ethylhexyl)phtha...	21.334	149	68923	0.331	ng	99
36) Indeno(1,2,3-cd)pyrene	26.295	276	82513	0.362	ng	99
37) Benzo(b)fluoranthene	23.088	252	116704	0.417	ng	99
38) Benzo(k)fluoranthene	23.135	252	104912	0.409	ng	99
39) Benzo(a)pyrene	23.711	252	98954	0.398	ng	# 95
40) Dibenzo(a,h)anthracene	26.312	278	68320	0.359	ng	99
41) Benzo(g,h,i)perylene	27.055	276	65701	0.343	ng	98

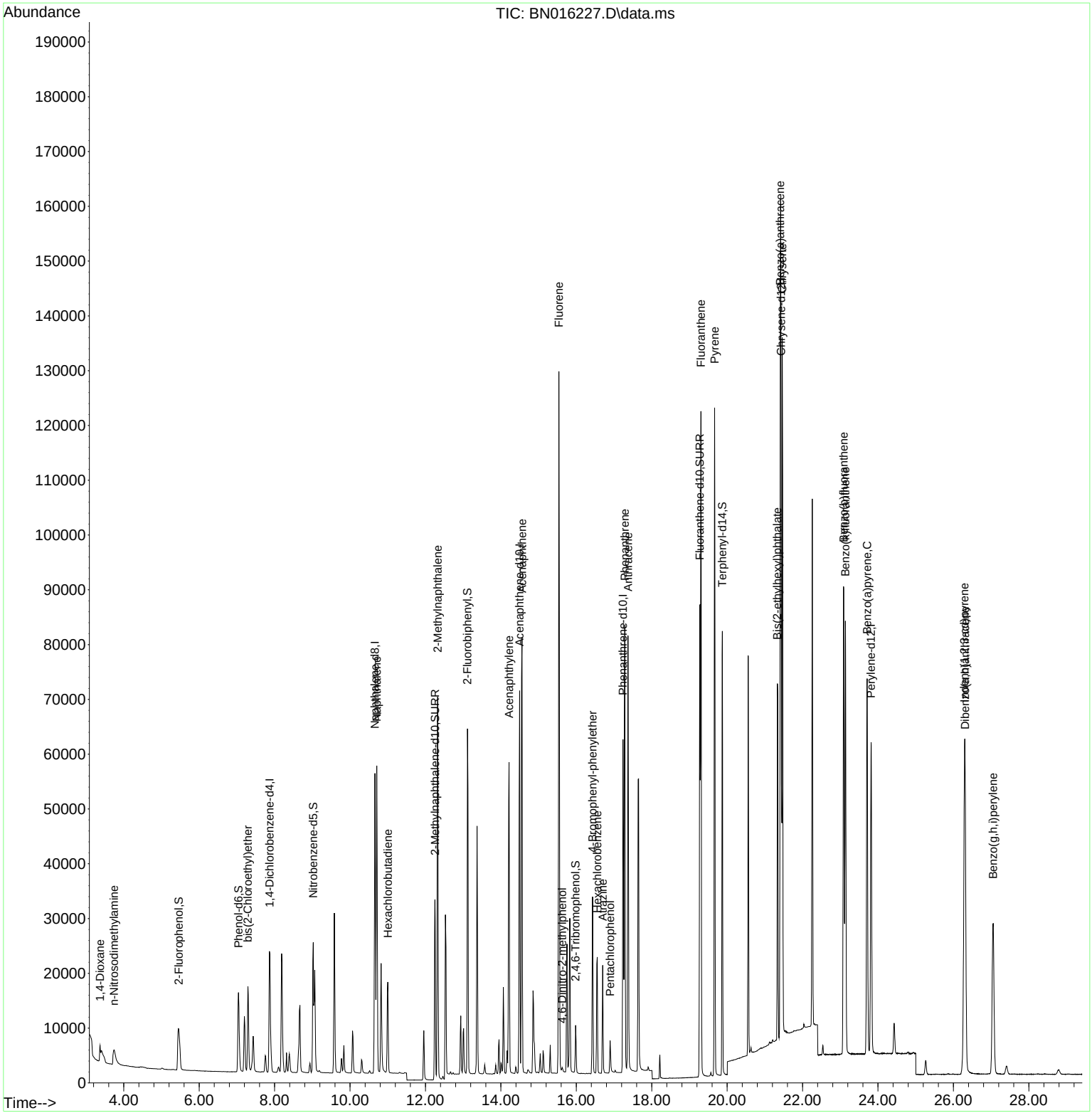
(#) = qualifier out of range (m) = manual integration (+) = signals summed

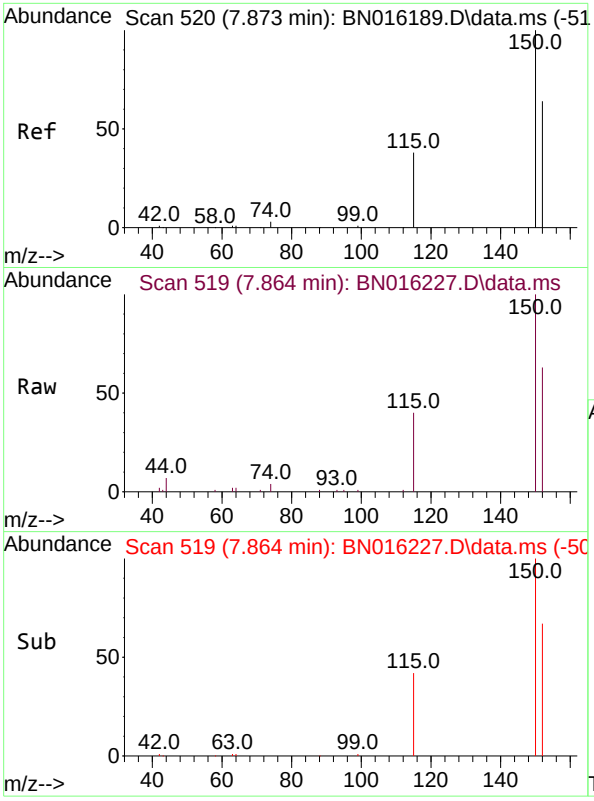
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016227.D
Acq On : 05 Sep 2021 14:36
Operator : CG/JU
Sample : PB138875BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138875BS

Quant Time: Sep 06 06:23:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

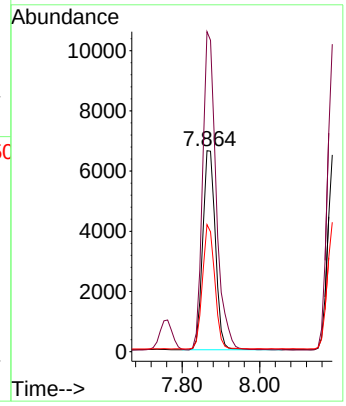




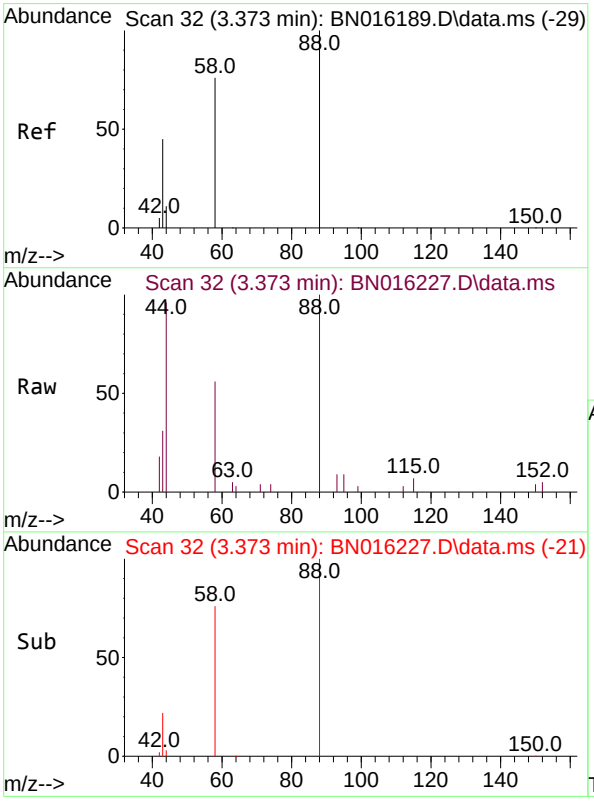
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.009 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:152 Resp: 14968

Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.3	187.9
115	63.2	48.4	72.6



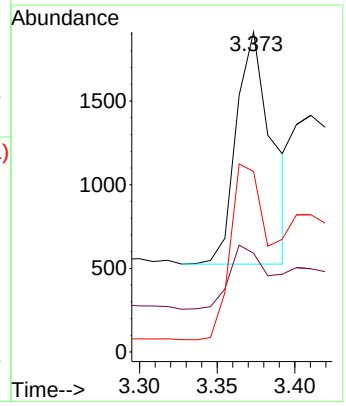
Instrument :
BNA_N
ClientSampleId :
PB138875BS



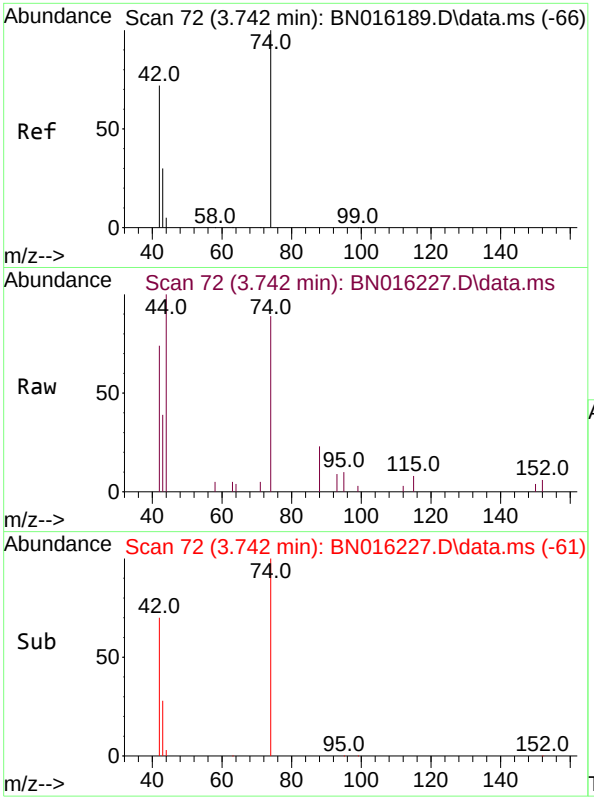
#2
1,4-Dioxane
Concen: 0.463 ng
RT: 3.373 min Scan# 32
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion: 88 Resp: 2218

Ion	Ratio	Lower	Upper
88	100		
43	31.6	77.0	115.4#
58	87.6	70.8	106.2



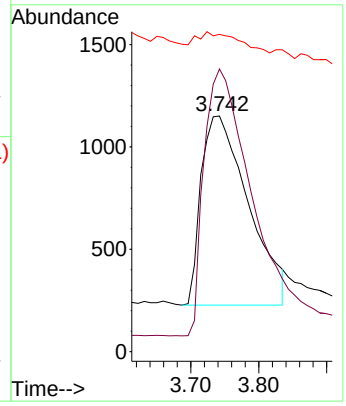
Instrument :
BNA_N
ClientSampleId :
PB138875BS

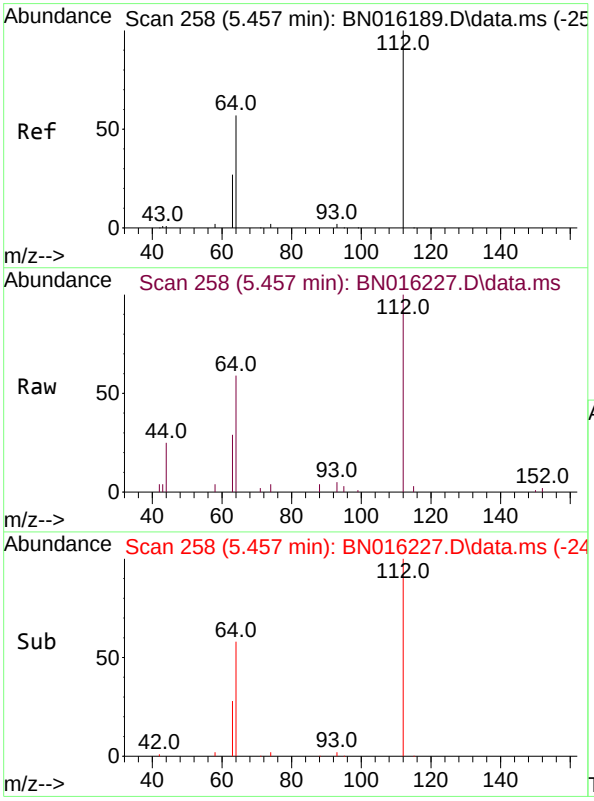


#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.742 min Scan# 72
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion: 42 Resp: 4469

Ion	Ratio	Lower	Upper
42	100		
74	139.7	112.2	168.4
44	9.6	5.0	7.4#

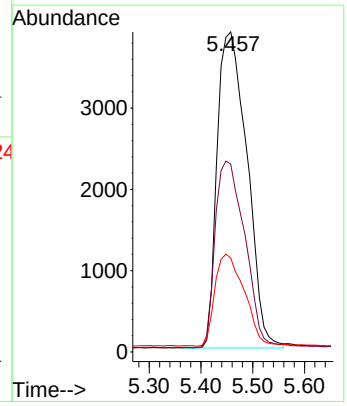




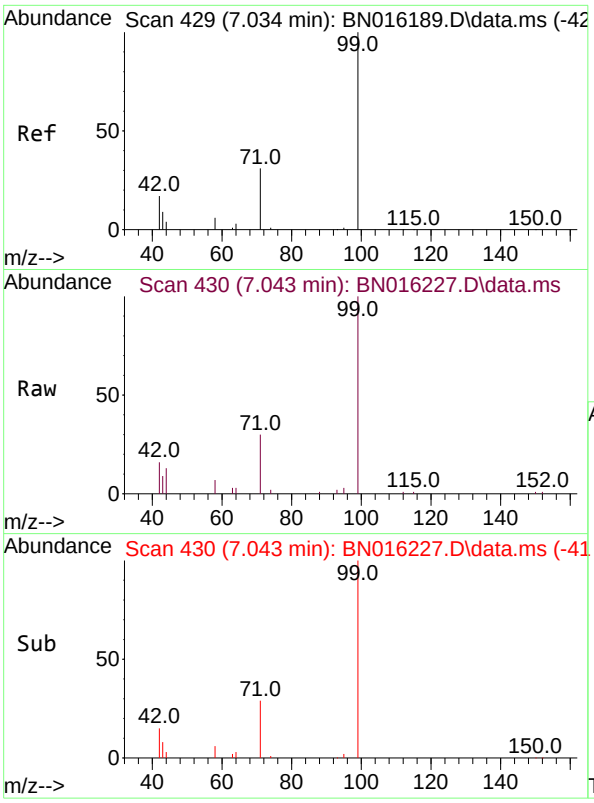
#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.457 min Scan# 258
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:112 Resp: 15551

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.8	70.2
63	28.7	22.7	34.1



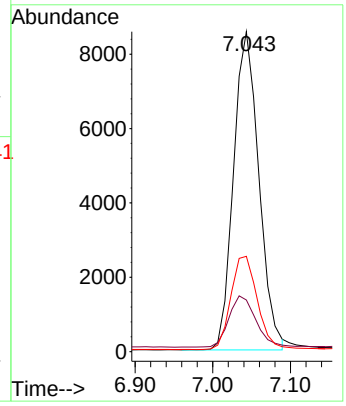
Instrument :
BNA_N
ClientSampleId :
PB138875BS

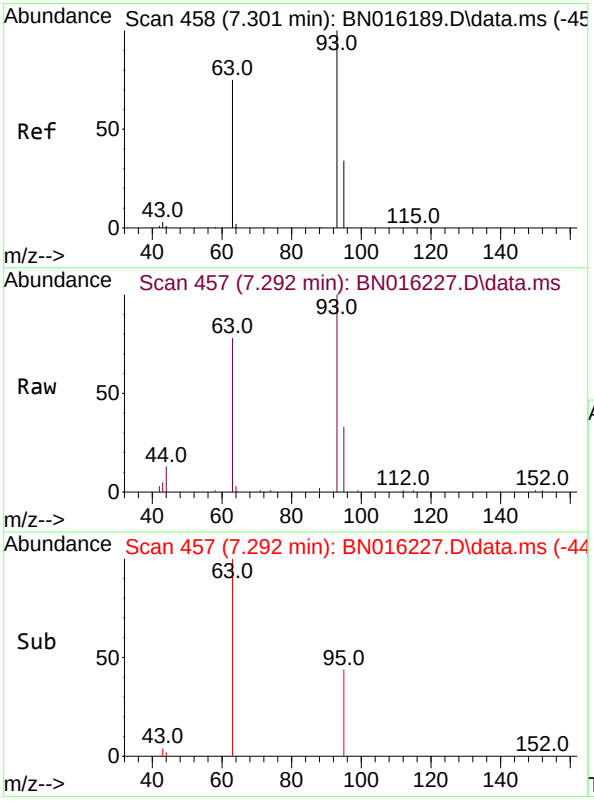


#5
Phenol-d6
Concen: 0.359 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion: 99 Resp: 19369

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	30.4	24.3	36.5

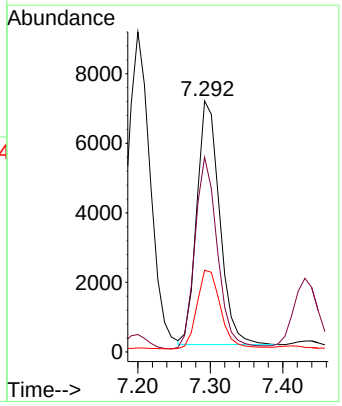




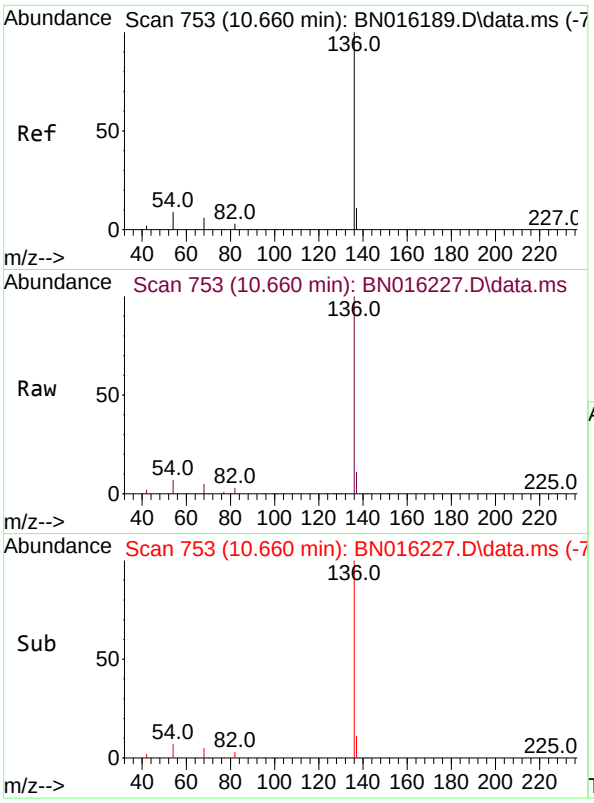
#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.009 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion: 93 Resp: 15366

Ion	Ratio	Lower	Upper
93	100		
63	77.9	62.8	94.2
95	33.5	27.0	40.4



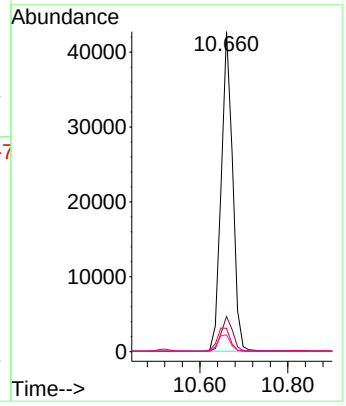
Instrument :
BNA_N
ClientSampleId :
PB138875BS

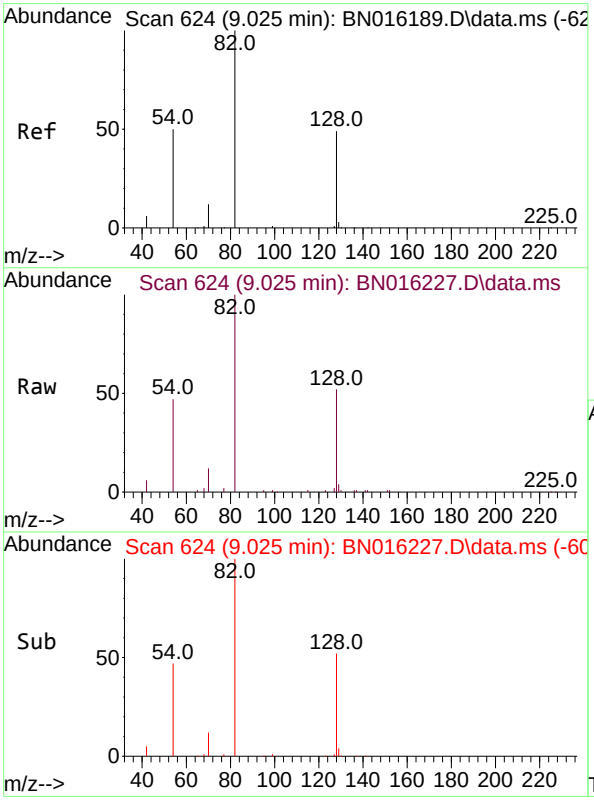


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:136 Resp: 76817

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	7.2	10.8
68	5.2	5.2	7.8

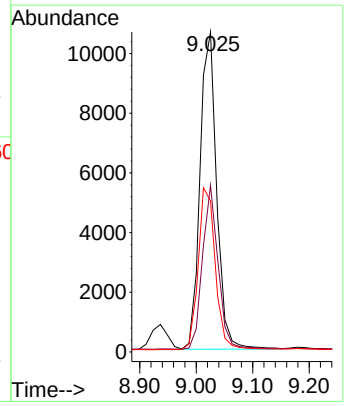




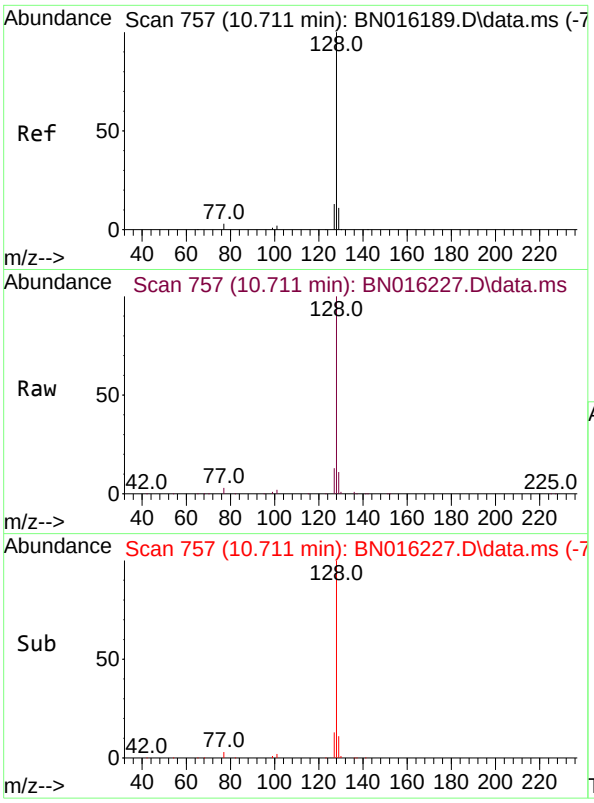
#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion: 82 Resp: 21811

Ion	Ratio	Lower	Upper
82	100		
128	52.1	39.3	58.9
54	47.2	40.2	60.4



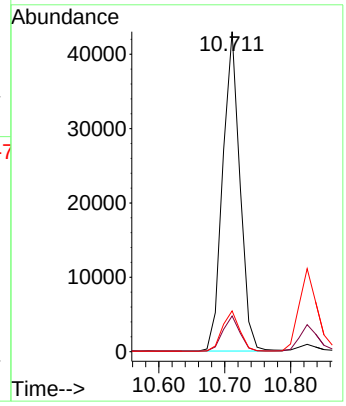
Instrument :
BNA_N
ClientSampleId :
PB138875BS

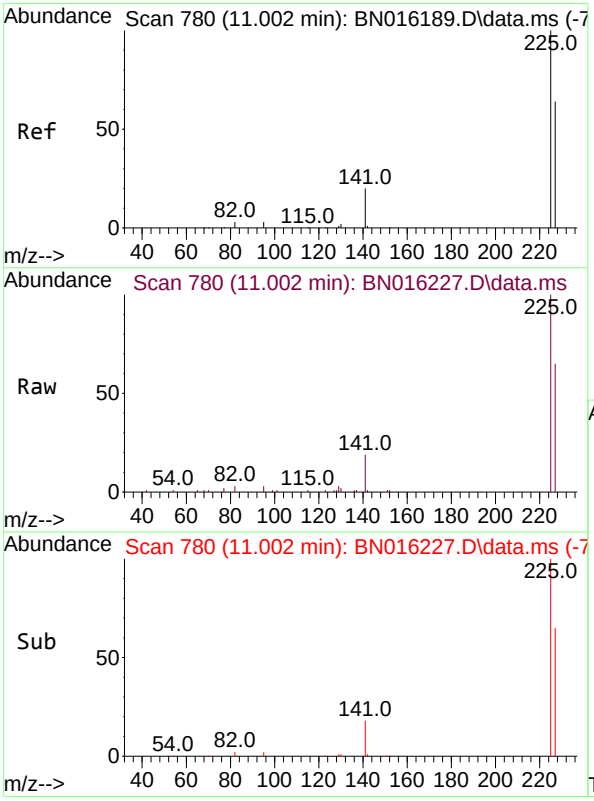


#9
Naphthalene
Concen: 0.382 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:128 Resp: 77626

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.7	10.4	15.6

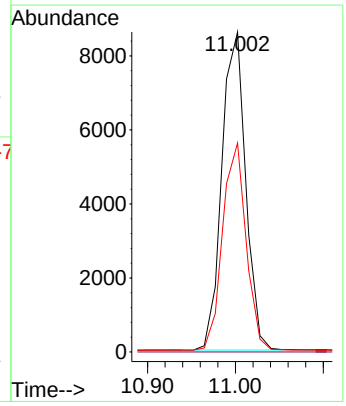




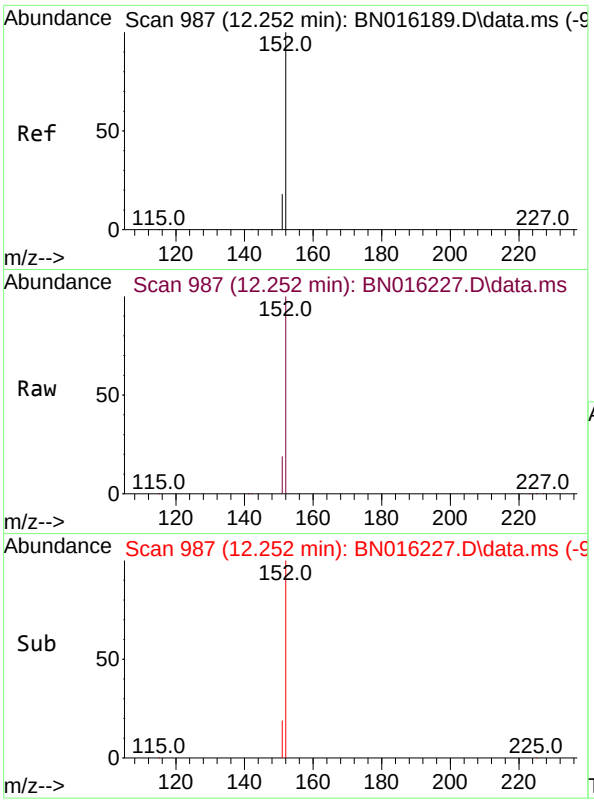
#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.002 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:225 Resp: 16207

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



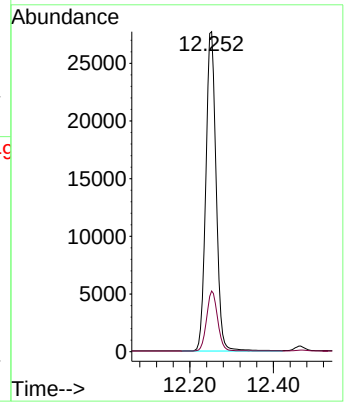
Instrument :
BNA_N
ClientSampleId :
PB138875BS

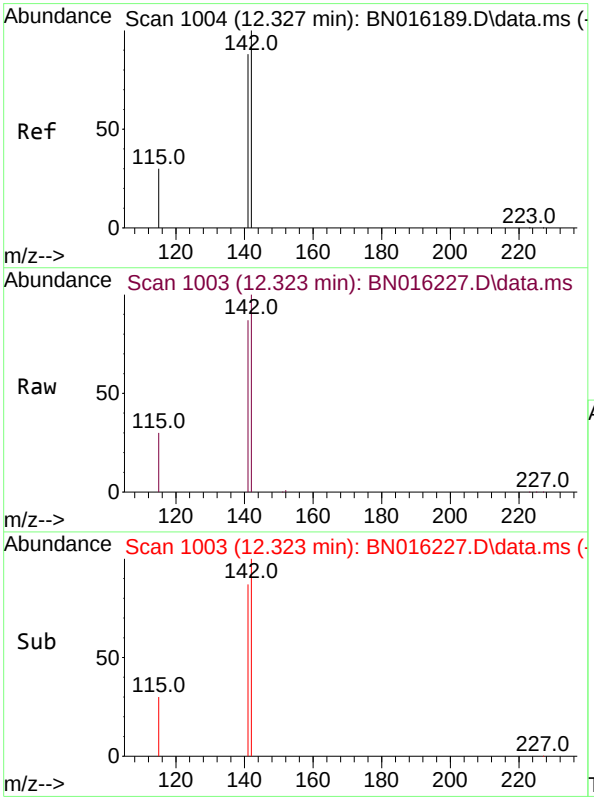


#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.252 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:152 Resp: 47286

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2

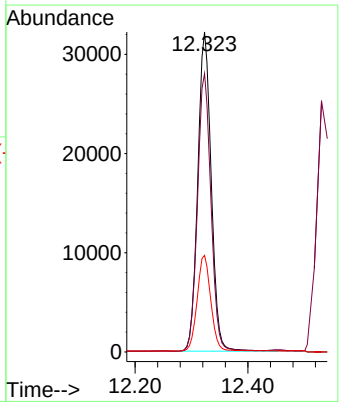




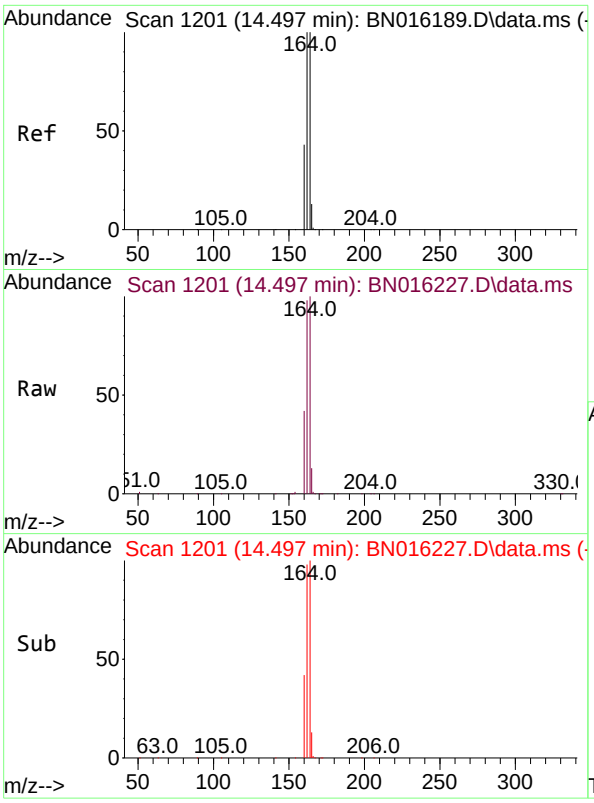
#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.323 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:142 Resp: 53117

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.4	105.6
115	30.2	24.4	36.6



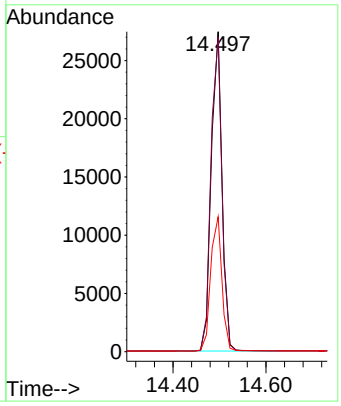
Instrument :
BNA_N
ClientSampleId :
PB138875BS

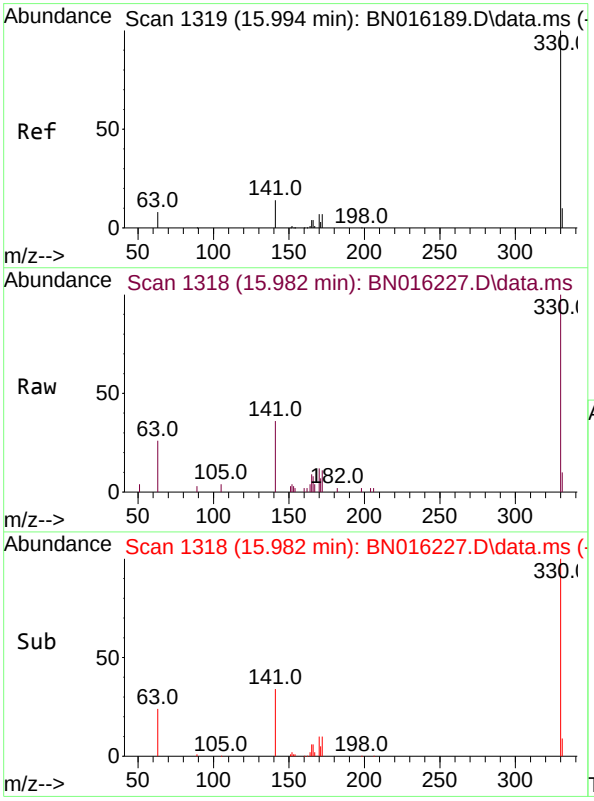


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:164 Resp: 43978

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.8	119.6
160	42.2	34.2	51.4

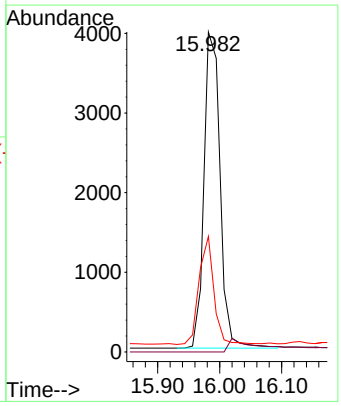




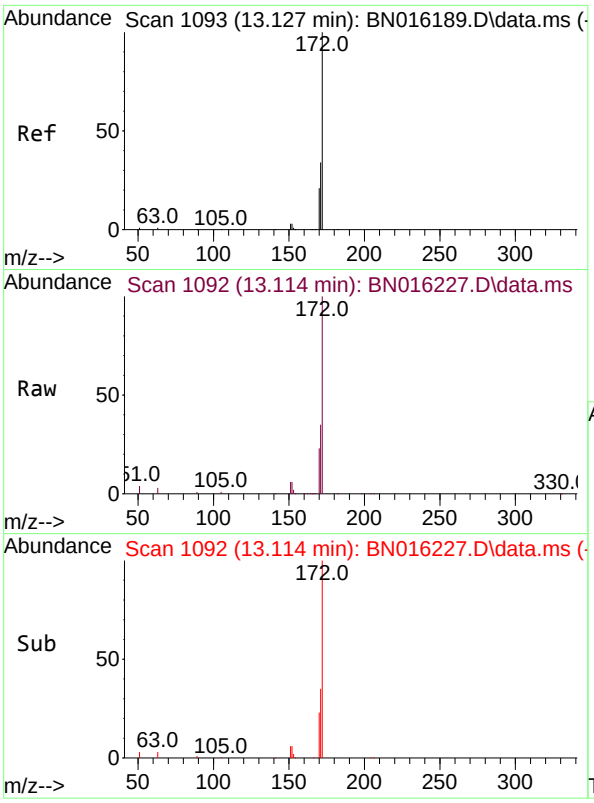
#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.982 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:330 Resp: 7058

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.5	25.4	38.2



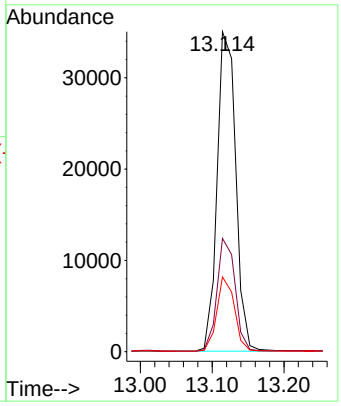
Instrument :
BNA_N
ClientSampleId :
PB138875BS

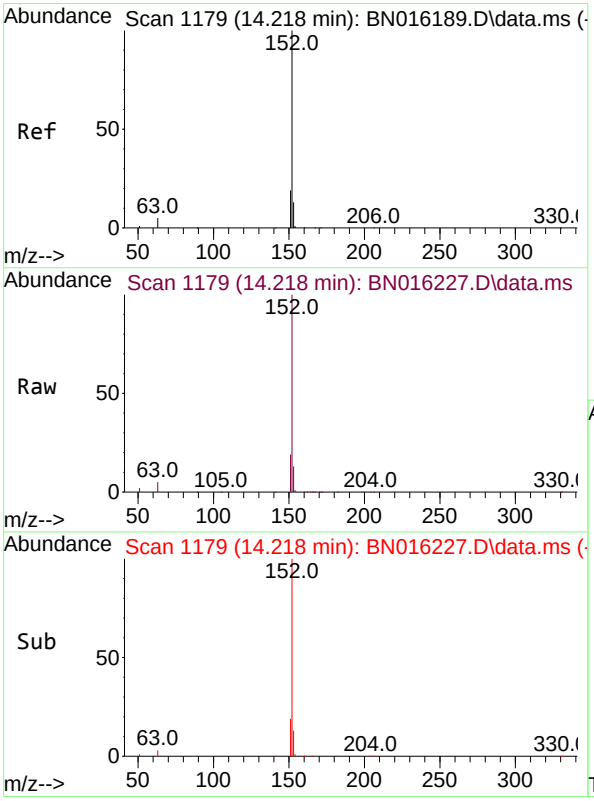


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:172 Resp: 63071

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.9	40.3
170	23.3	17.1	25.7

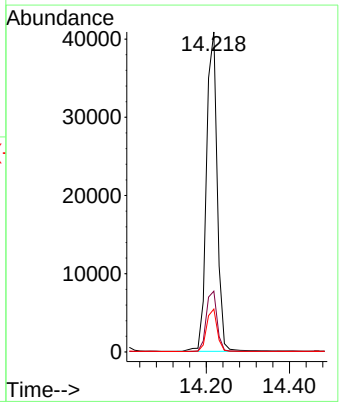




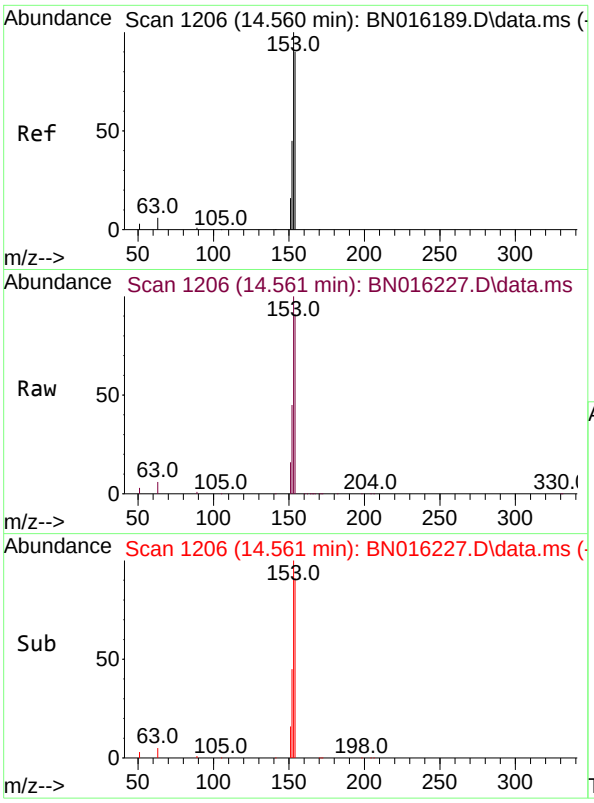
#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:152 Resp: 73138

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	13.2	10.4	15.6



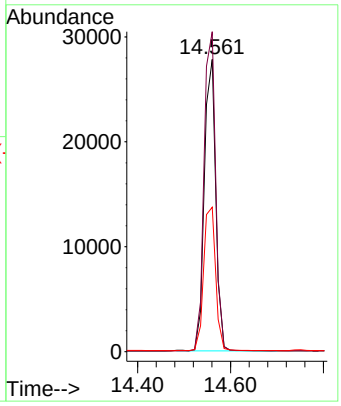
Instrument :
BNA_N
ClientSampleId :
PB138875BS

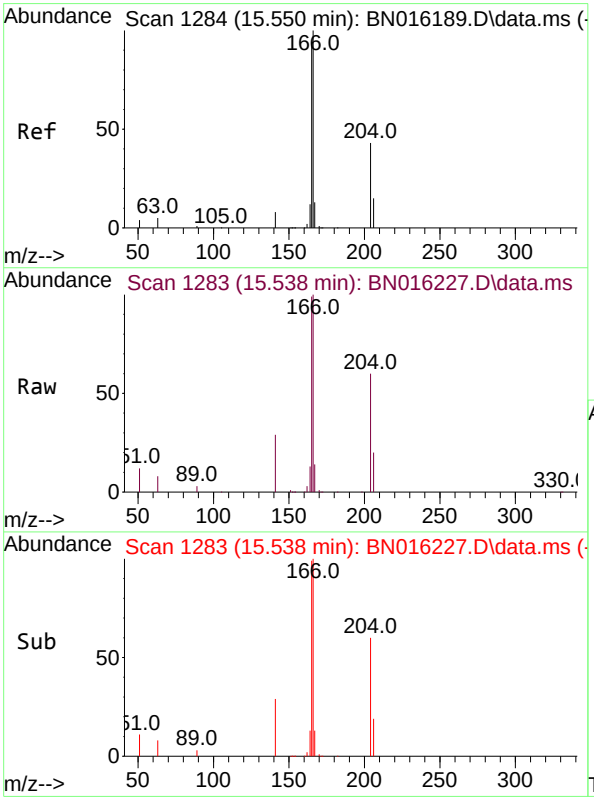


#17
Acenaphthene
Concen: 0.381 ng
RT: 14.561 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:154 Resp: 47566

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.1	133.7
152	52.0	41.2	61.8

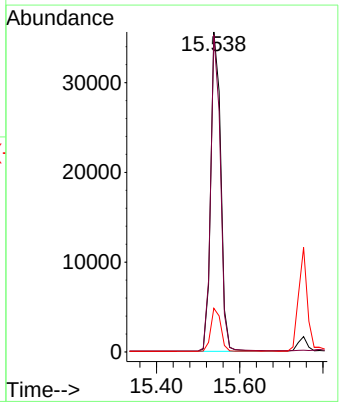




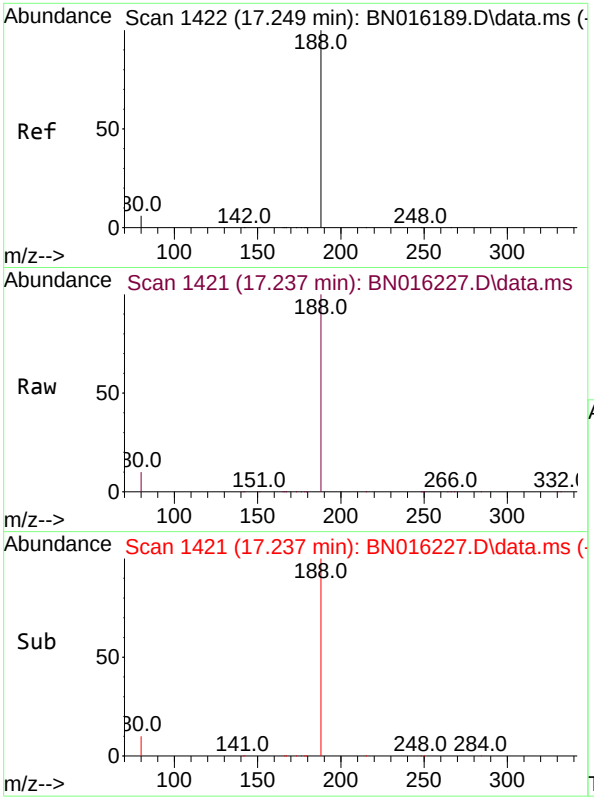
#18
Fluorene
Concen: 0.378 ng
RT: 15.538 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:166 Resp: 59388

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.0	115.6
167	13.6	10.9	16.3



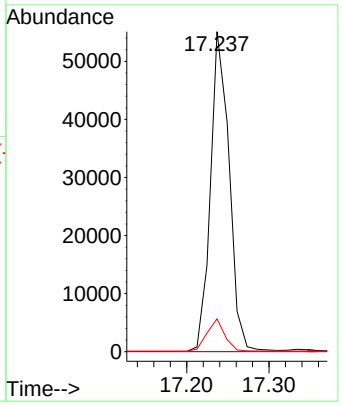
Instrument :
BNA_N
ClientSampleId :
PB138875BS

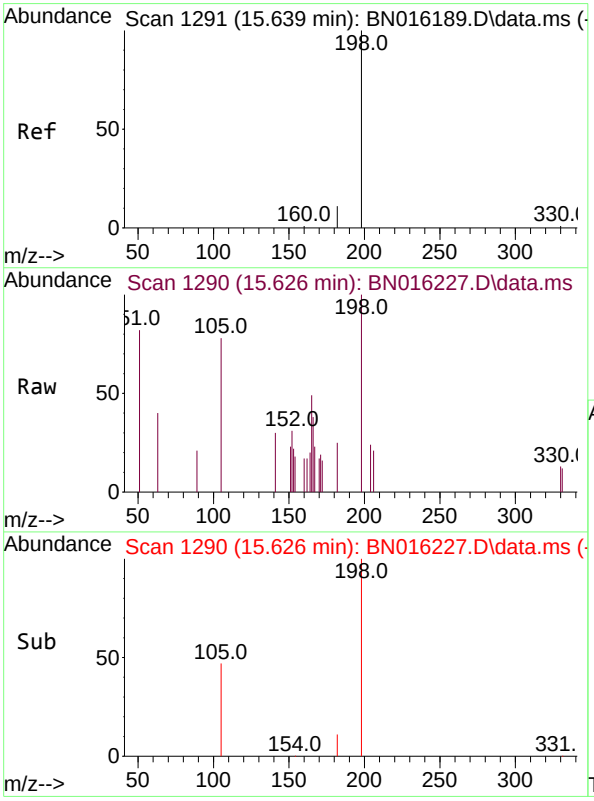


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:188 Resp: 86562

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	5.0	7.6#

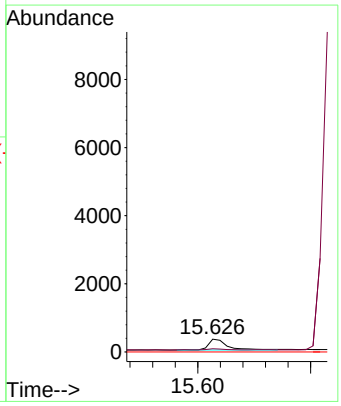




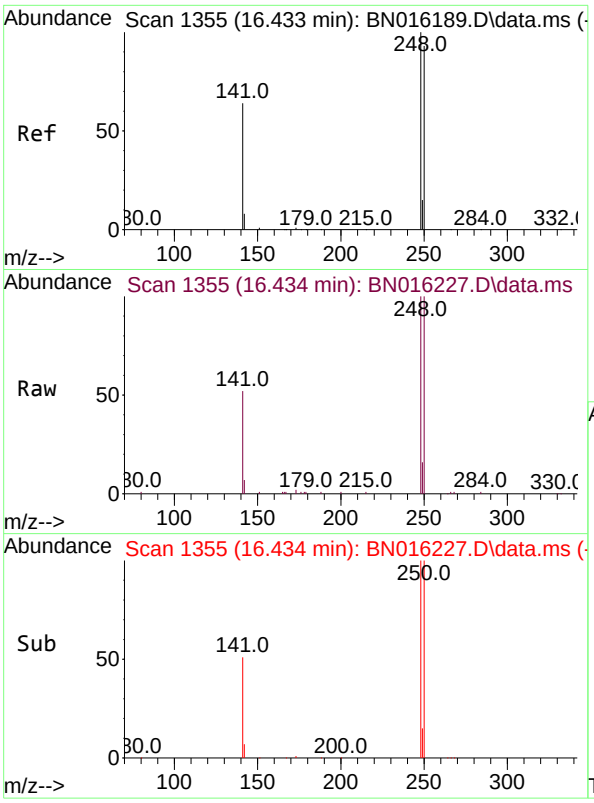
#20
4,6-Dinitro-2-methylphenol
Concen: 0.379 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:198 Resp: 757

Ion	Ratio	Lower	Upper
198	100		
182	25.3	28.8	43.2#
77	0.0	0.0	0.0



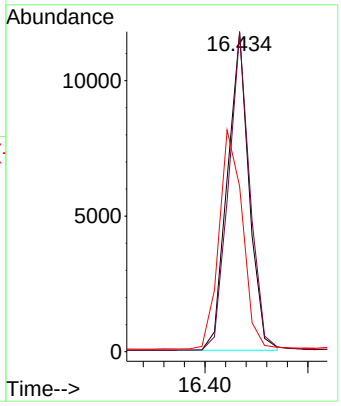
Instrument :
BNA_N
ClientSampleId :
PB138875BS

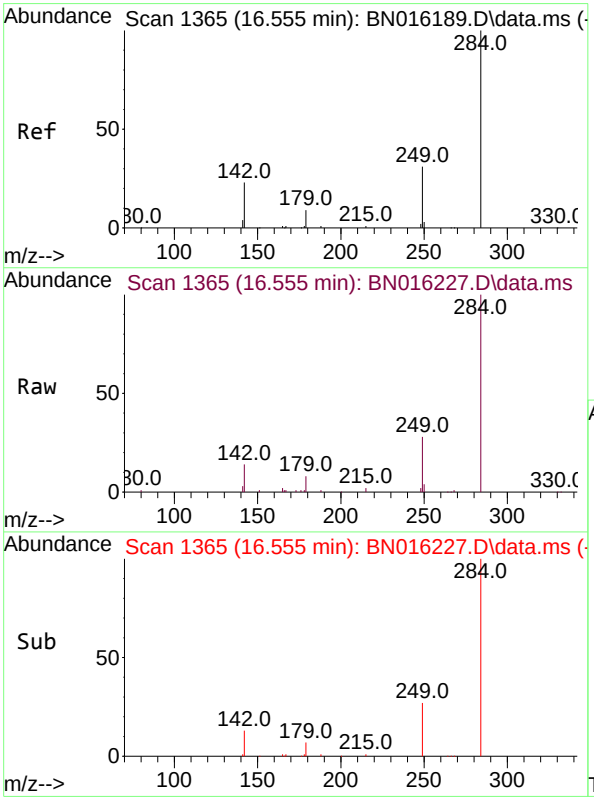


#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.434 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:248 Resp: 17192

Ion	Ratio	Lower	Upper
248	100		
250	99.8	74.6	112.0
141	51.7	51.6	77.4

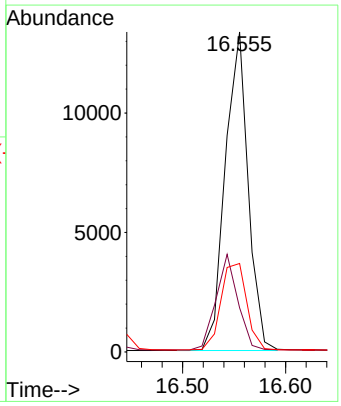




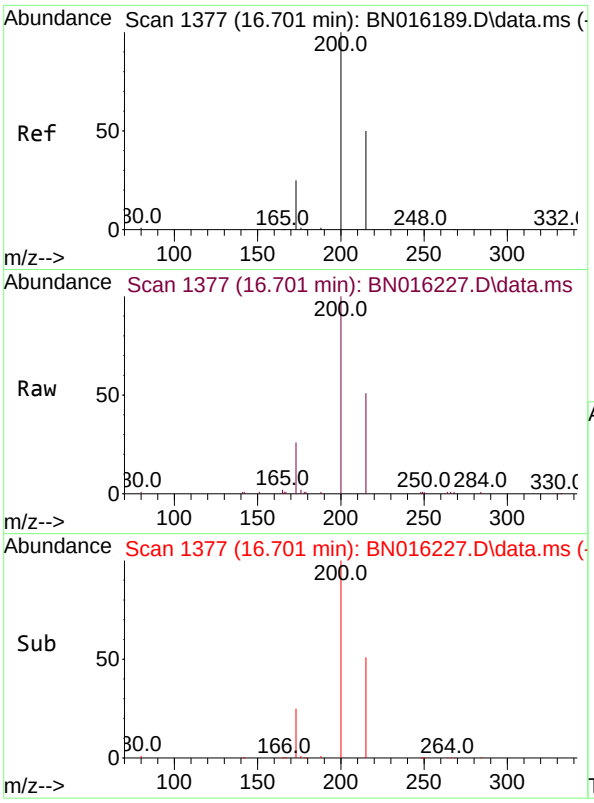
#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:284 Resp: 20570

Ion	Ratio	Lower	Upper
284	100		
142	28.4	22.7	34.1
249	30.9	24.3	36.5



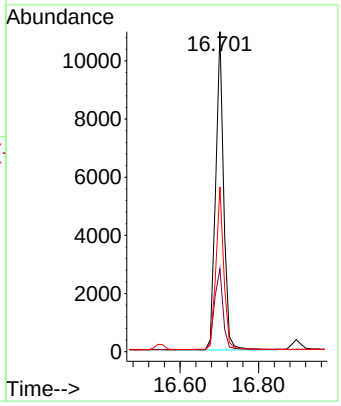
Instrument :
BNA_N
ClientSampleId :
PB138875BS

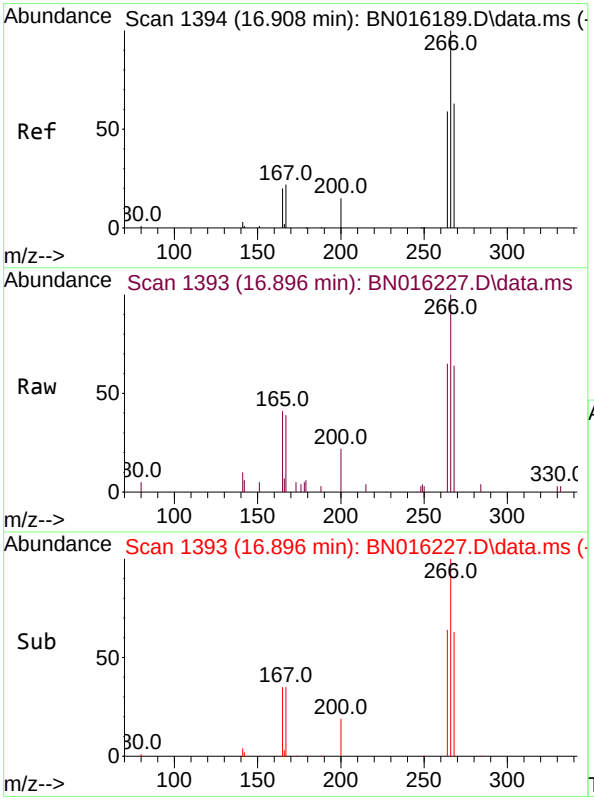


#23
Atrazine
Concen: 0.334 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:200 Resp: 15444

Ion	Ratio	Lower	Upper
200	100		
173	25.9	20.6	31.0
215	51.5	40.5	60.7

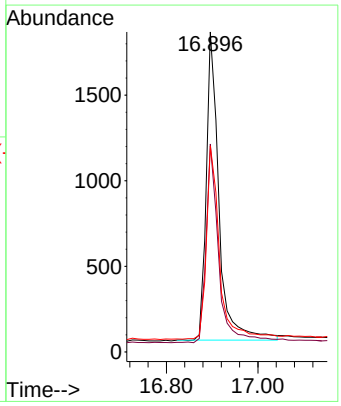




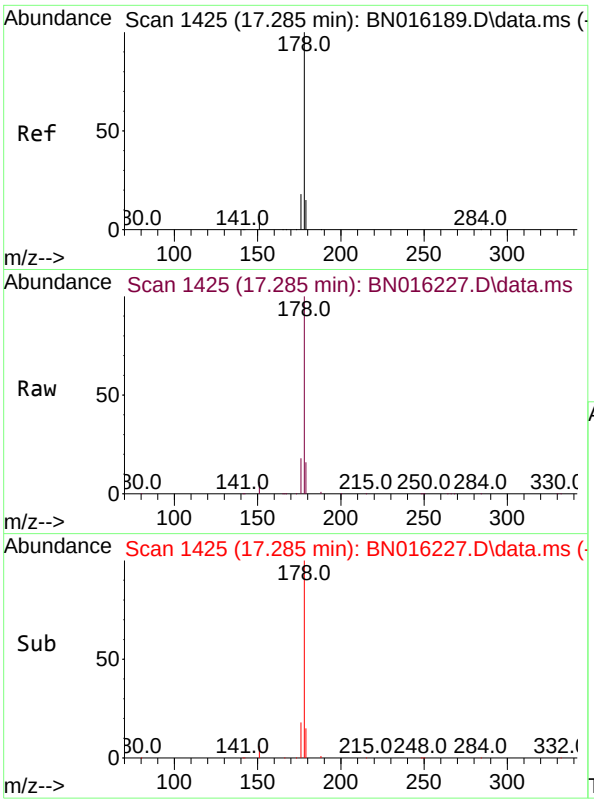
#24
Pentachlorophenol
Concen: 0.505 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:266 Resp: 3456

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.4	75.6
268	64.9	49.6	74.4



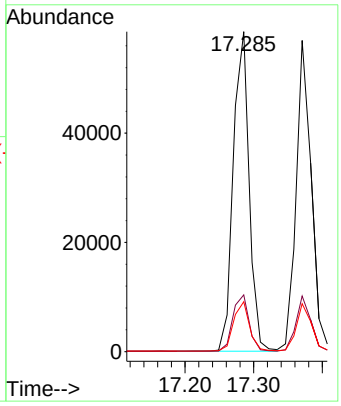
Instrument :
BNA_N
ClientSampleId :
PB138875BS

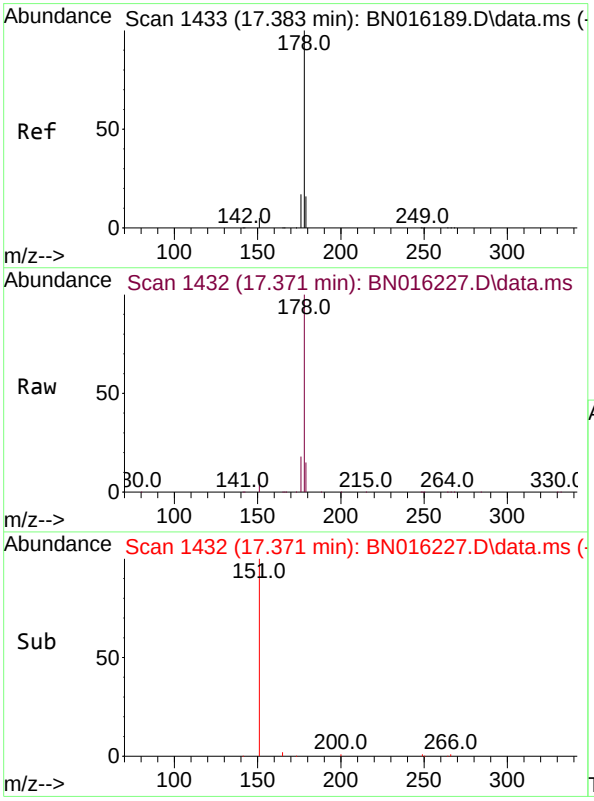


#25
Phenanthrene
Concen: 0.389 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:178 Resp: 94158

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.6	12.3	18.5

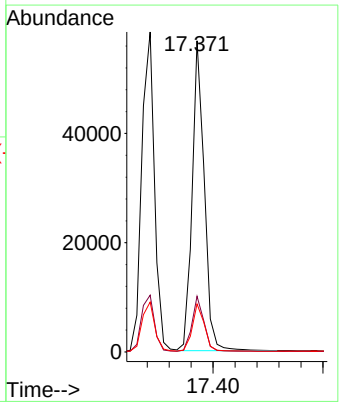


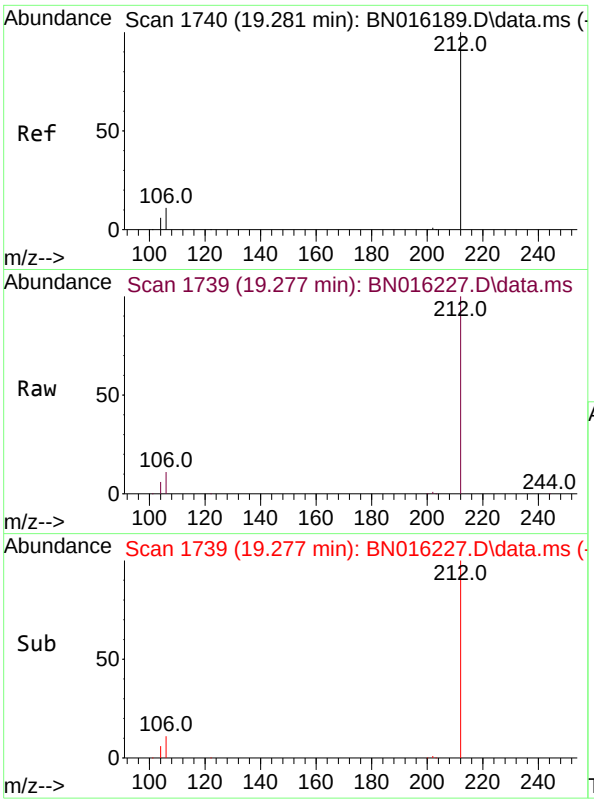


#26
Anthracene
Concen: 0.377 ng
RT: 17.371 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:178 Resp: 87055

Ion	Ratio	Lower	Upper
178	100		
176	17.6	13.8	20.8
179	15.3	12.4	18.6

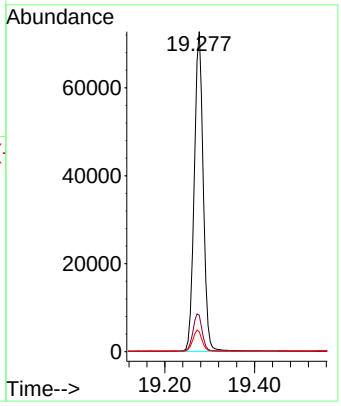




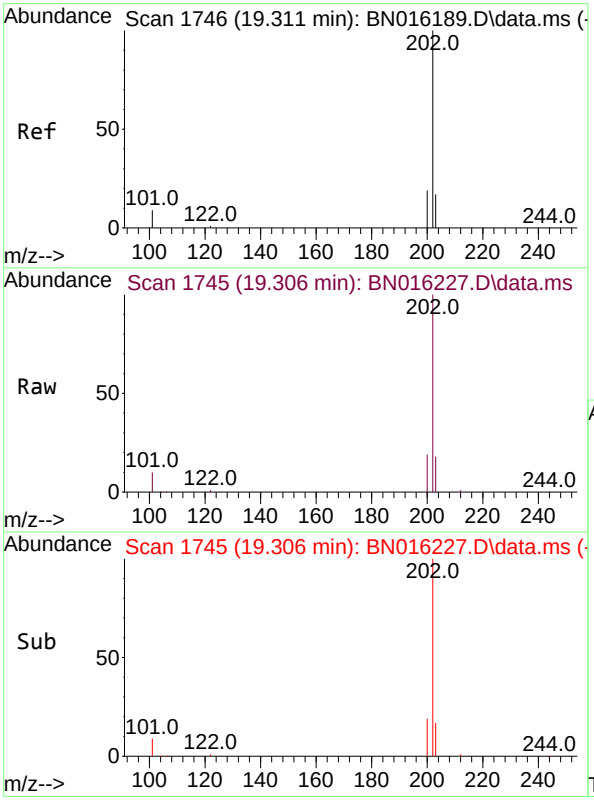
#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.277 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:212 Resp: 101530

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.7	14.5
104	6.7	5.4	8.0



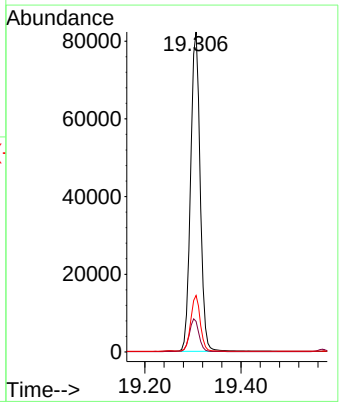
Instrument :
BNA_N
ClientSampleId :
PB138875BS



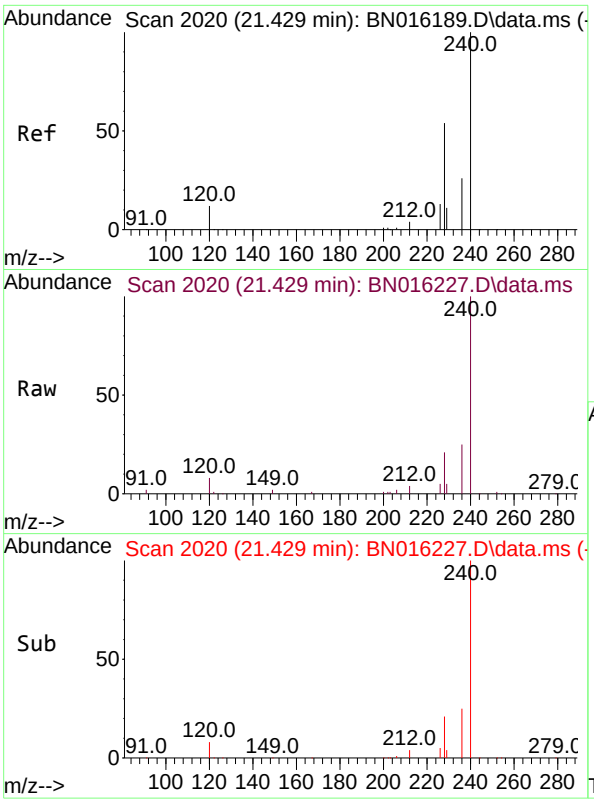
#28
Fluoranthene
Concen: 0.395 ng
RT: 19.306 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:202 Resp: 113590

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.4	12.6
203	17.2	13.8	20.8



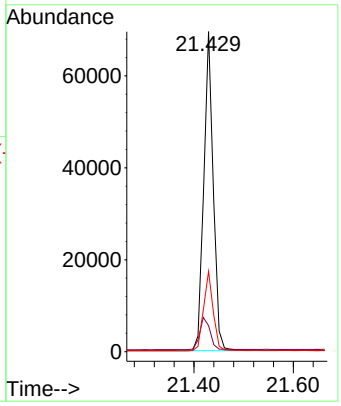
Instrument :
BNA_N
ClientSampleId :
PB138875BS

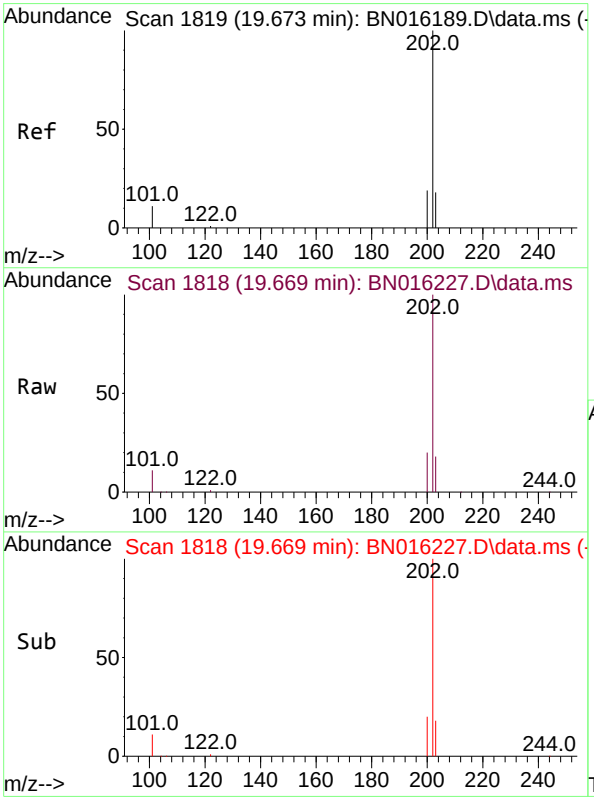


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:240 Resp: 92091

Ion	Ratio	Lower	Upper
240	100		
120	8.2	10.0	15.0#
236	25.1	20.9	31.3

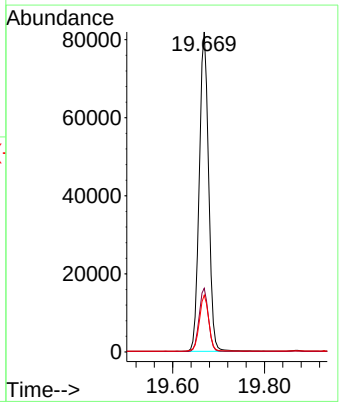




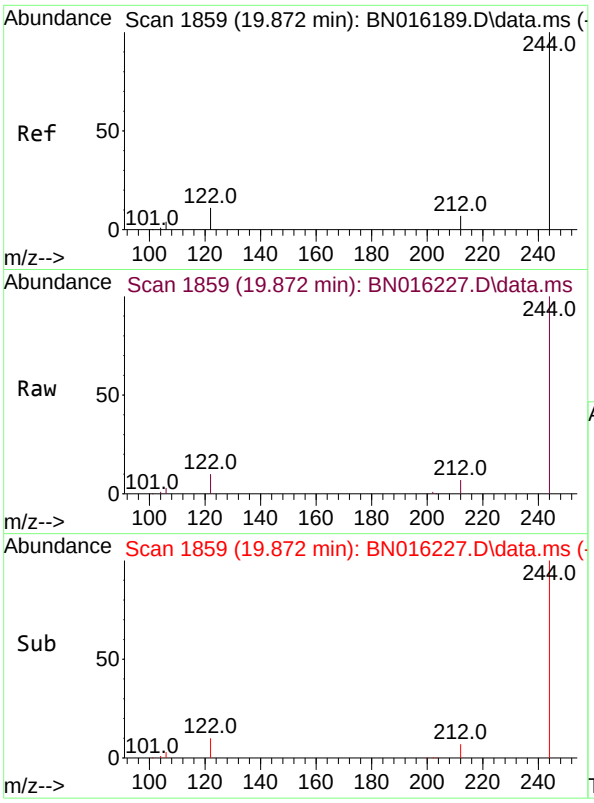
#30
Pyrene
Concen: 0.384 ng
RT: 19.669 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:202 Resp: 115253

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.8
203	17.6	14.1	21.1



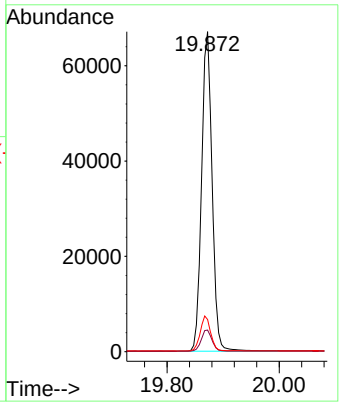
Instrument :
BNA_N
ClientSampleId :
PB138875BS

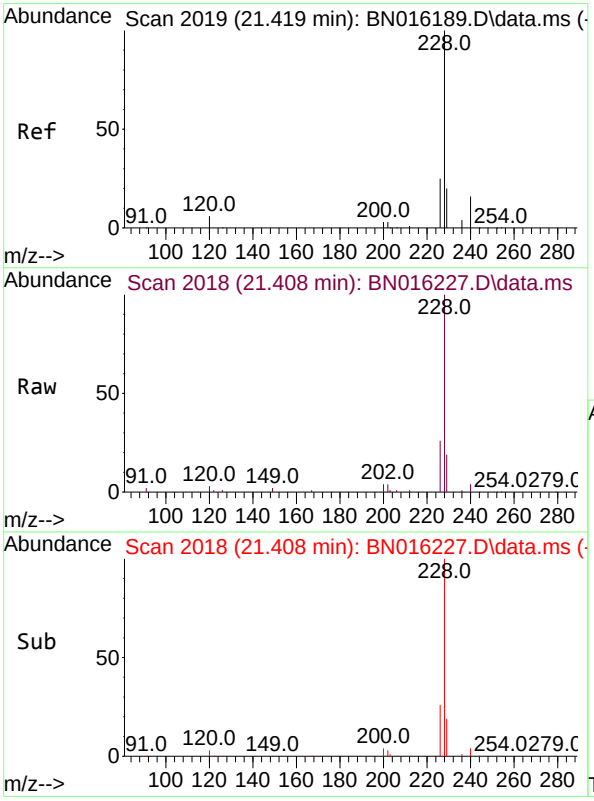


#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.872 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:244 Resp: 87116

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.1	9.0	13.4

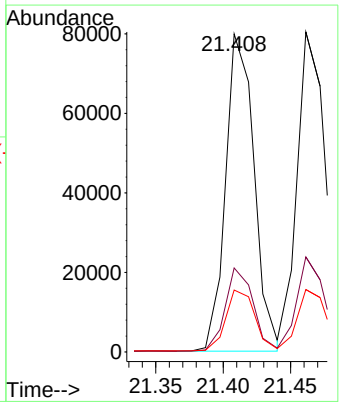




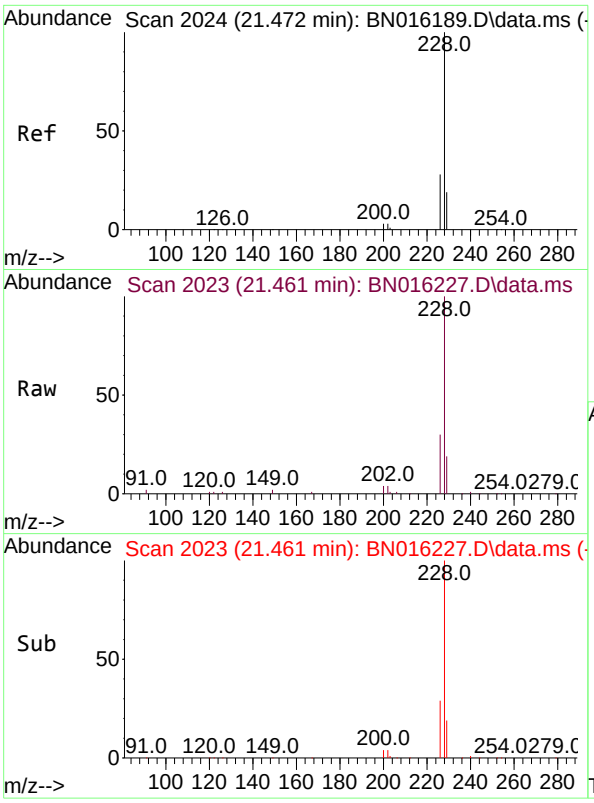
#32
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:228 Resp: 117312

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.5	30.7
229	19.5	16.2	24.4



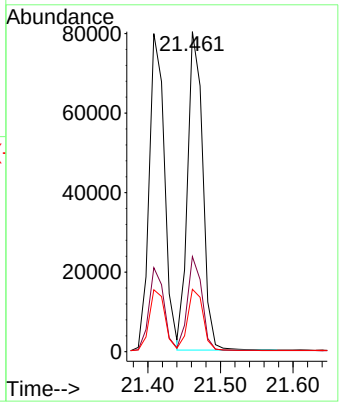
Instrument :
BNA_N
ClientSampleId :
PB138875BS

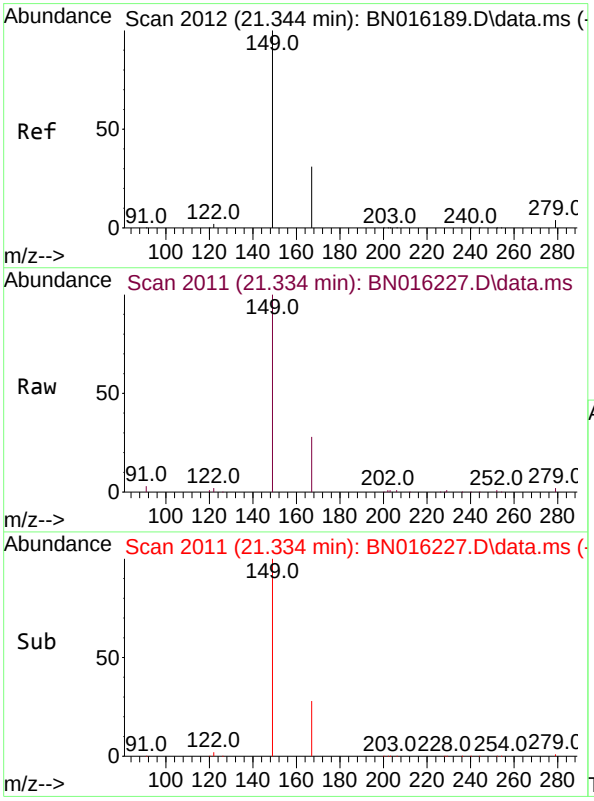


#33
Chrysene
Concen: 0.385 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:228 Resp: 115580

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.5	33.7
229	19.5	16.0	24.0

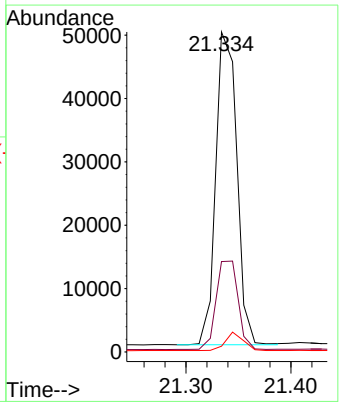




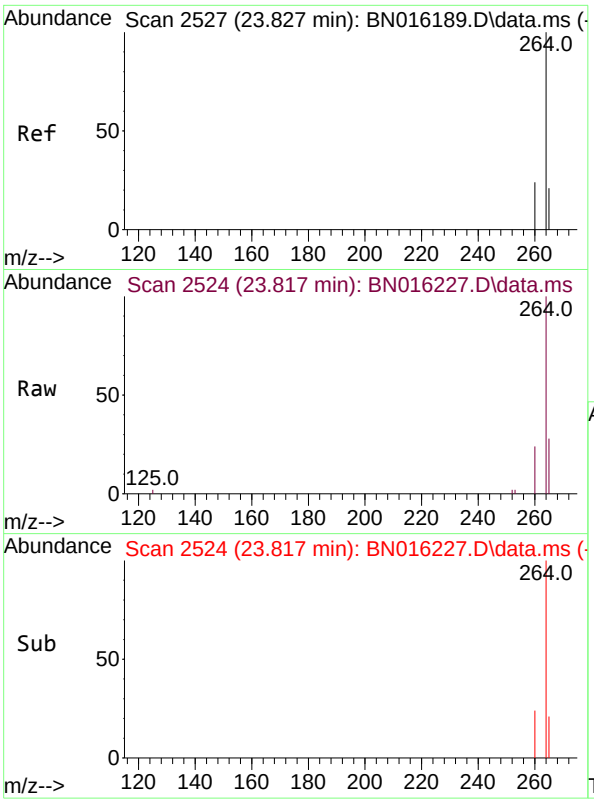
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.334 min Scan# 2011
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:149 Resp: 68923

Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.2	36.4
279	5.0	4.0	6.0



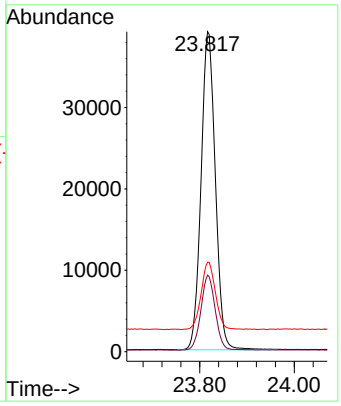
Instrument :
BNA_N
ClientSampleId :
PB138875BS

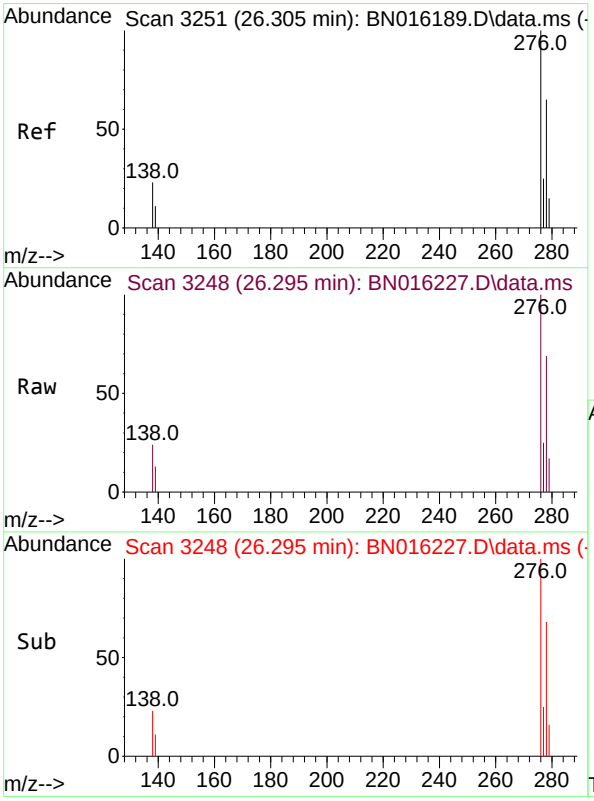


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.817 min Scan# 2524
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:264 Resp: 82056

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	27.9	20.2	30.2

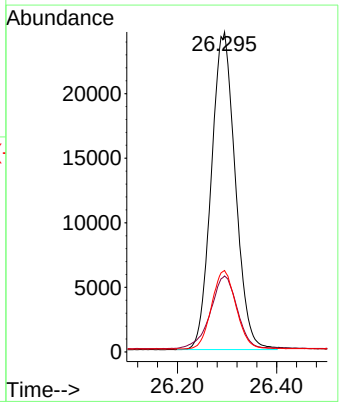




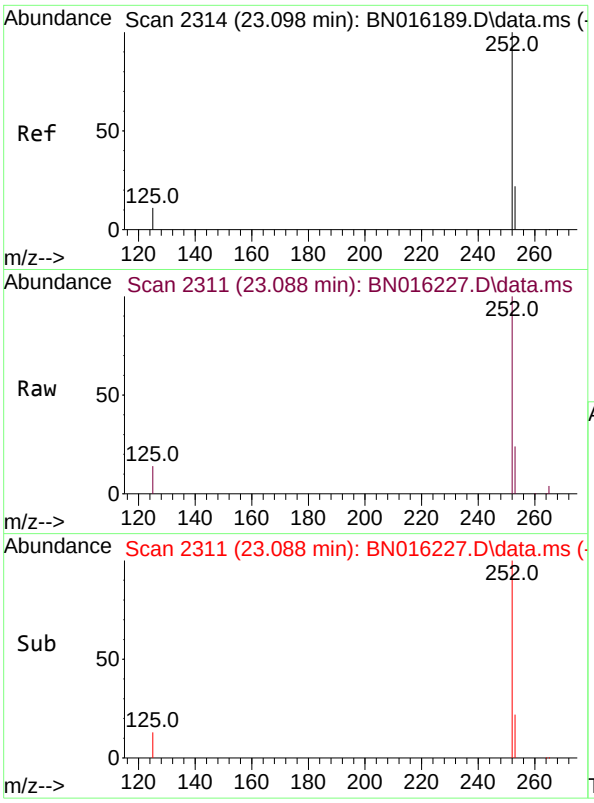
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 26.295 min Scan# 3248
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:276 Resp: 82513

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.5	29.3
277	25.2	20.2	30.4



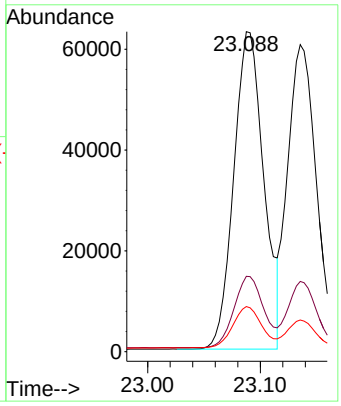
Instrument :
BNA_N
ClientSampleId :
PB138875BS

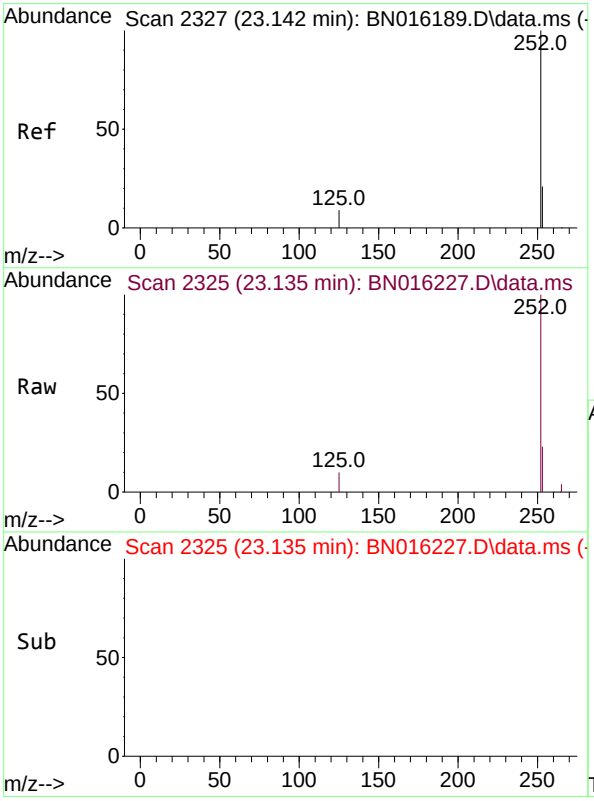


#37
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.088 min Scan# 2311
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:252 Resp: 116704

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	14.1	10.5	15.7

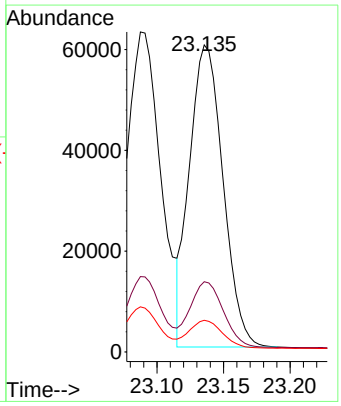




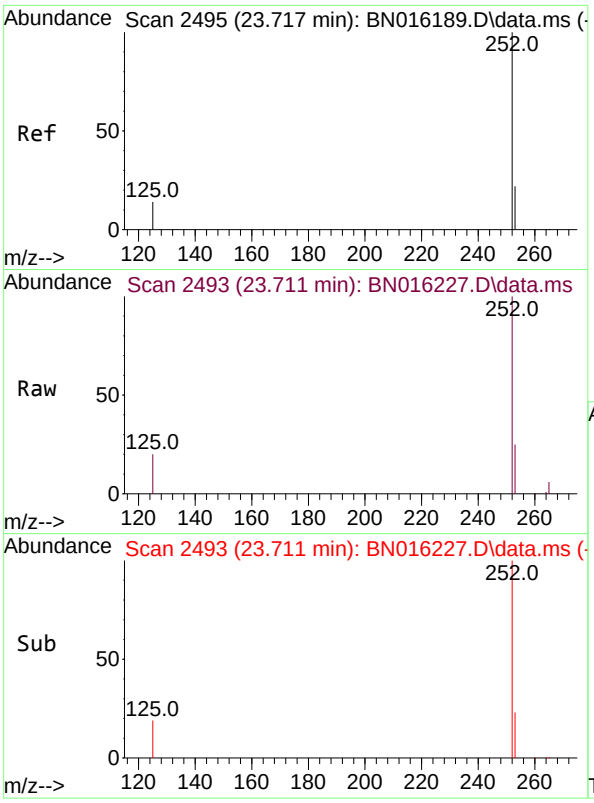
#38
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 23.135 min Scan# 2325
Delta R.T. -0.007 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:252 Resp: 104912

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.3	9.1	13.7



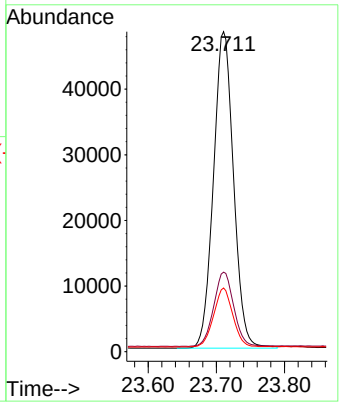
Instrument :
BNA_N
ClientSampleId :
PB138875BS

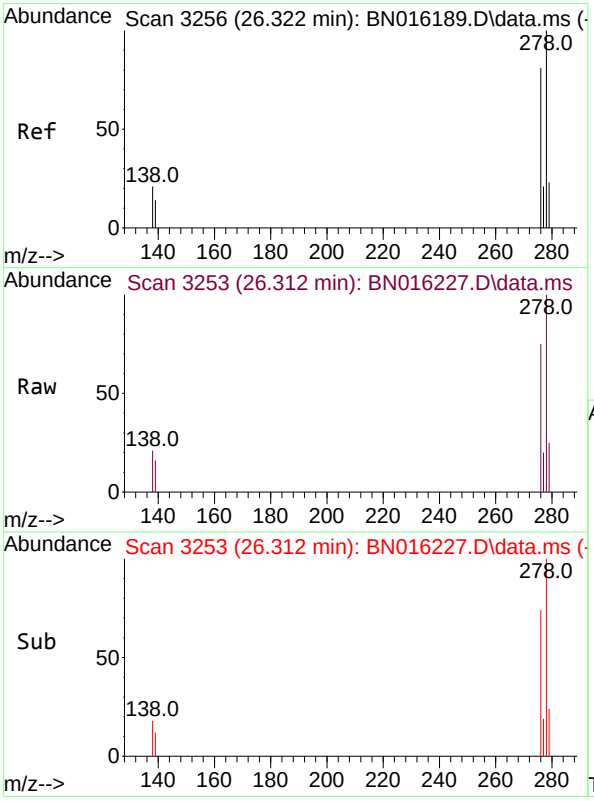


#39
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.711 min Scan# 2493
Delta R.T. -0.007 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:252 Resp: 98954

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	19.9	12.6	19.0#

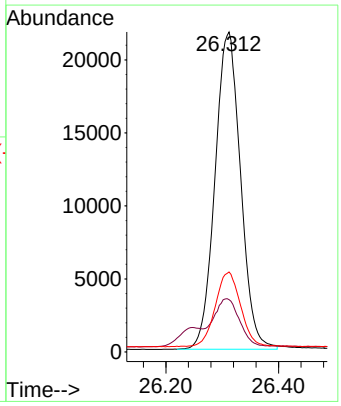


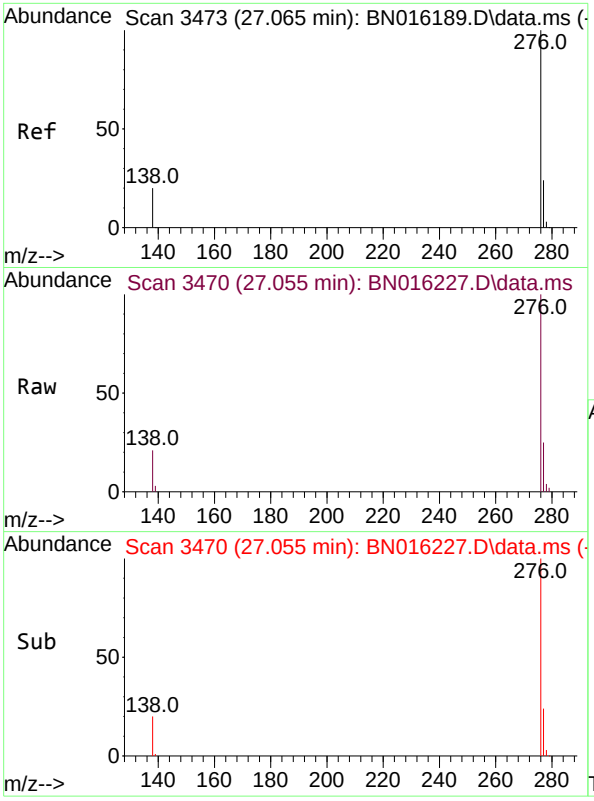


#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 26.312 min Scan# 3253
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:278 Resp: 68320

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.0	21.0
279	25.0	20.2	30.2

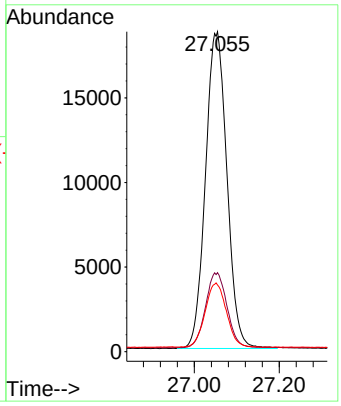




#41
Benzo(g,h,i)perylene
Concen: 0.343 ng
RT: 27.055 min Scan# 3470
Delta R.T. -0.010 min
Lab File: BN016227.D
Acq: 05 Sep 2021 14:36

Tgt Ion:276 Resp: 65701

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.3	30.5
138	20.8	17.5	26.3



Instrument :
BNA_N
ClientSampleId :
PB138875BS