Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080921\
Data File : BN015830.D
Acq On : 09 Aug 2021 19:52
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN080921

Quant Time: Aug 10 05:24:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 19:13:08 2021
Response via : Initial Calibration

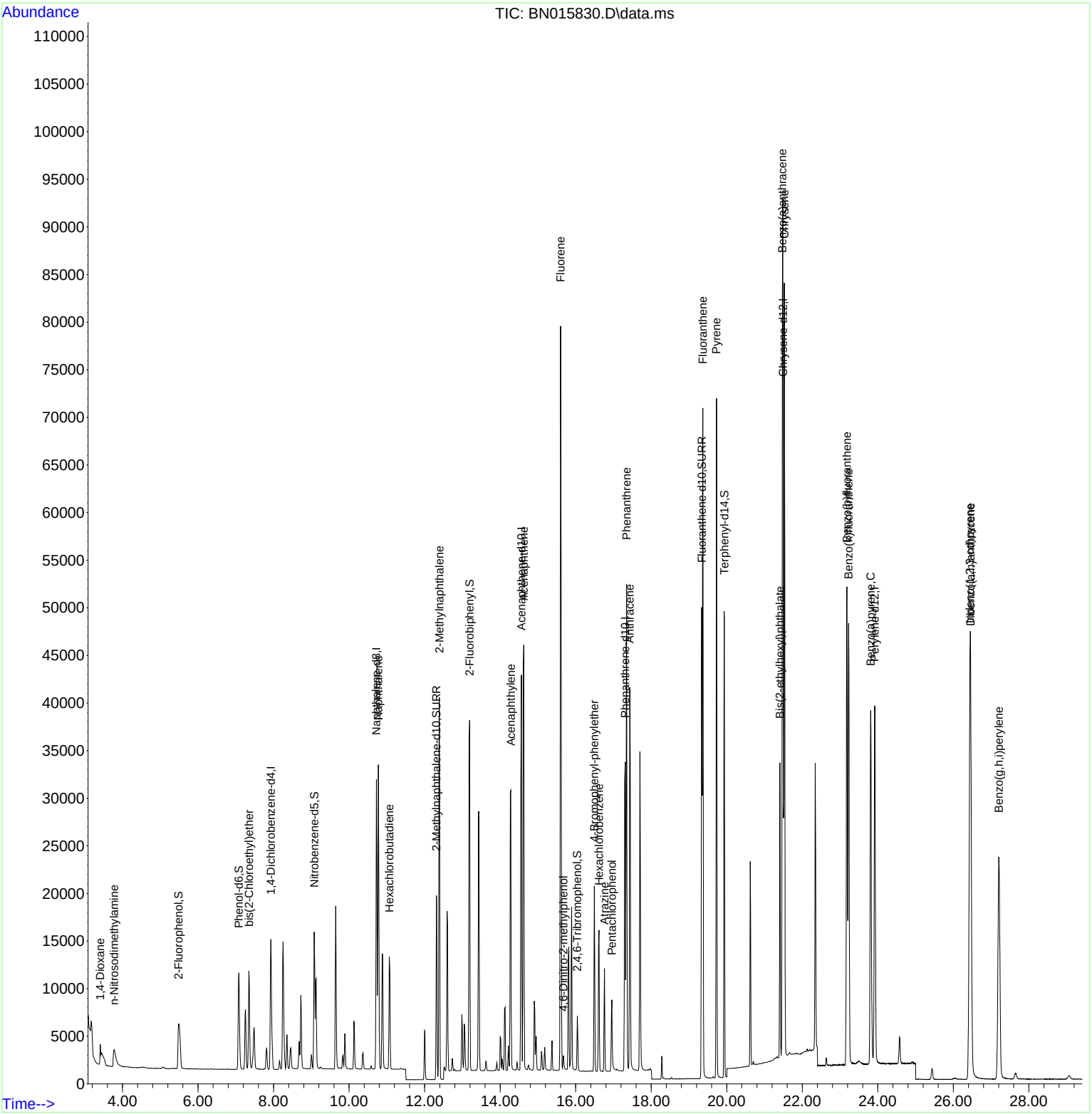
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8556	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	42520	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	25361	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	51435	0.400	ng		0.00
29) Chrysene-d12	21.493	240	55811	0.400	ng	#	0.00
35) Perylene-d12	23.919	264	53514	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	8794	0.395	ng		0.00
5) Phenol-d6	7.080	99	11936	0.396	ng		0.00
8) Nitrobenzene-d5	9.076	82	12419	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	26864	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3648	0.322	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	37399	0.367	ng		0.00
27) Fluoranthene-d10	19.336	212	59423	0.380	ng		0.00
31) Terphenyl-d14	19.937	244	61806	0.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	1335	0.373	ng		97
3) n-Nitrosodimethylamine	3.779	42	3284	0.376	ng	#	99
6) bis(2-Chloroethyl)ether	7.347	93	9465	0.403	ng		99
9) Naphthalene	10.774	128	42914	0.384	ng		100
10) Hexachlorobutadiene	11.066	225	11471	0.398	ng	#	99
12) 2-Methylnaphthalene	12.390	142	29544	0.381	ng		99
16) Acenaphthylene	14.281	152	39287	0.364	ng		100
17) Acenaphthene	14.624	154	26760	0.373	ng		100
18) Fluorene	15.601	166	33635	0.372	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	1307	0.412	ng		99
21) 4-Bromophenyl-phenylether	16.494	248	9637	0.349	ng		98
22) Hexachlorobenzene	16.616	284	13735	0.385	ng		99
23) Atrazine	16.762	200	8559	0.353	ng		98
24) Pentachlorophenol	16.957	266	4504	0.330	ng		98
25) Phenanthrene	17.346	178	53999	0.375	ng		99
26) Anthracene	17.431	178	47920	0.368	ng		100
28) Fluoranthene	19.366	202	65585	0.380	ng		100
30) Pyrene	19.728	202	65245	0.370	ng		100
32) Benzo(a)anthracene	21.472	228	68414	0.377	ng		99
33) Chrysene	21.525	228	68612	0.377	ng		98
34) Bis(2-ethylhexyl)phtha...	21.408	149	26542	0.321	ng		99
36) Indeno(1,2,3-cd)pyrene	26.438	276	68473	0.373	ng		100
37) Benzo(b)fluoranthene	23.180	252	70594	0.377	ng		100
38) Benzo(k)fluoranthene	23.228	252	66711	0.385	ng		100
39) Benzo(a)pyrene	23.813	252	60378	0.373	ng		100
40) Dibenzo(a,h)anthracene	26.459	278	56408	0.378	ng		99
41) Benzo(g,h,i)perylene	27.205	276	59794	0.368	ng		99

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

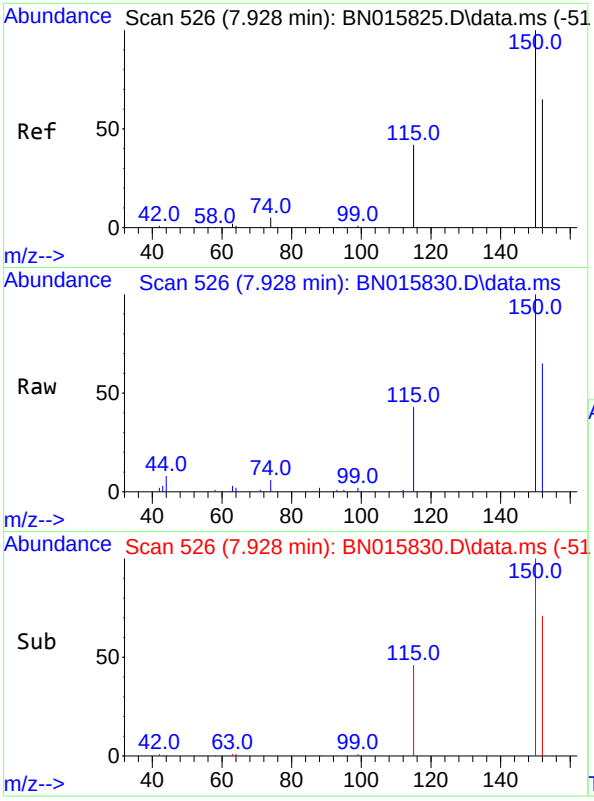
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080921\
Data File : BN015830.D
Acq On : 09 Aug 2021 19:52
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN080921

Quant Time: Aug 10 05:24:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 19:13:08 2021
Response via : Initial Calibration



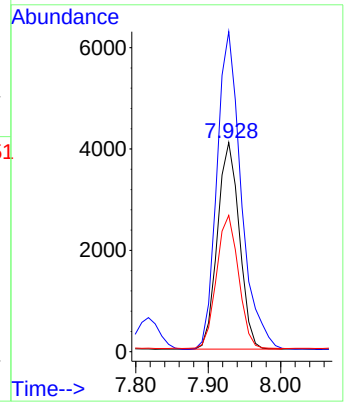
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

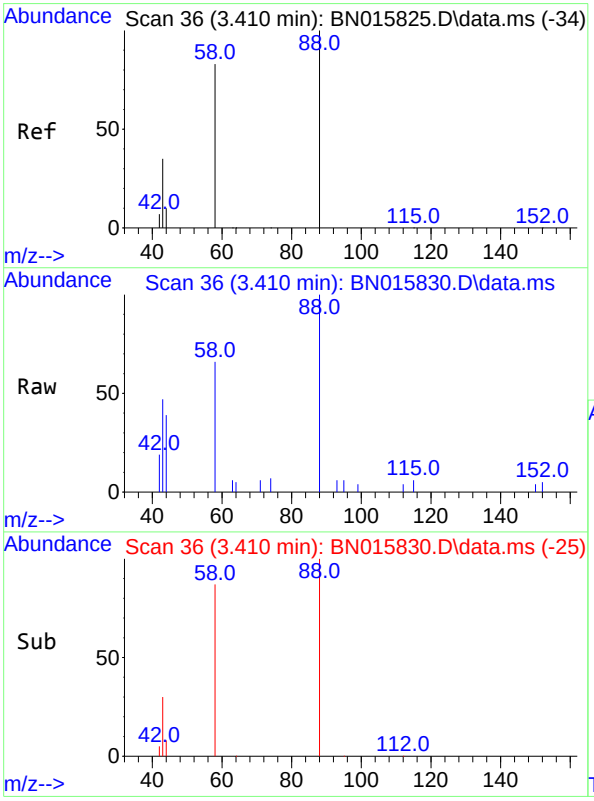


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:152 Resp: 8556

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.0	184.4
115	65.2	52.2	78.2

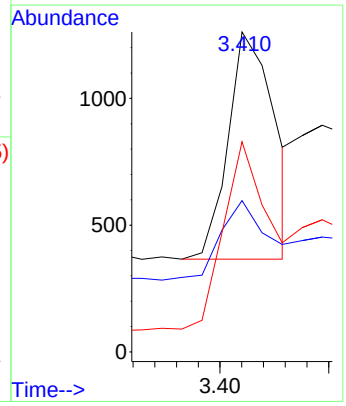




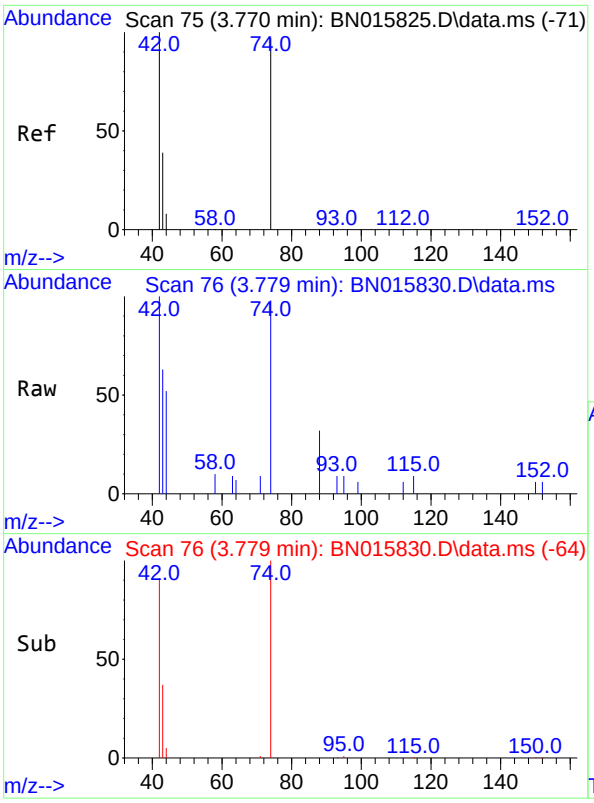
#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.410 min Scan# 36
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion: 88 Resp: 1335

Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.4	41.2
58	82.6	64.3	96.5



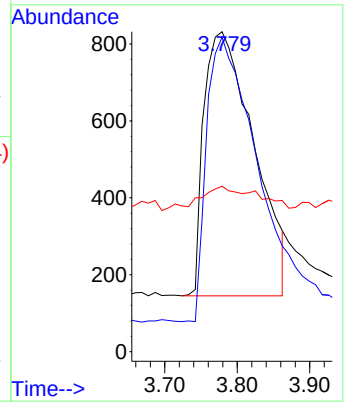
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

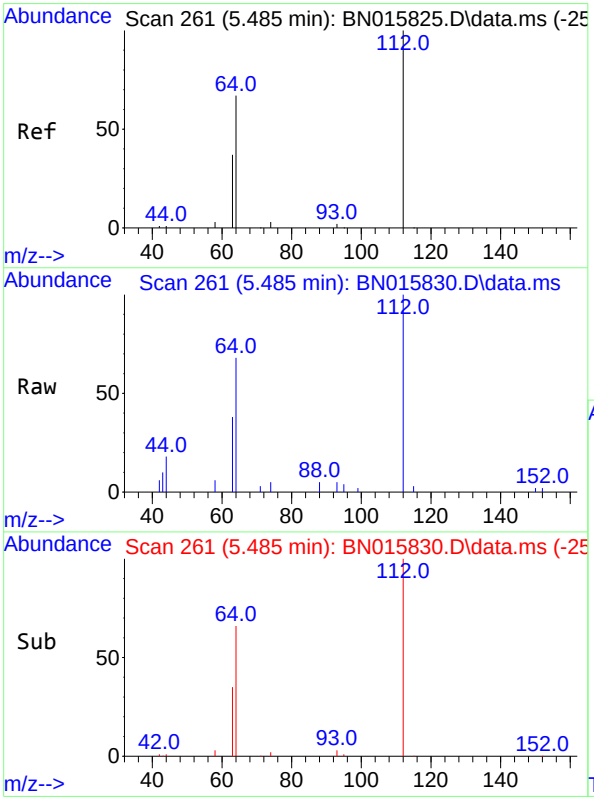


#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.779 min Scan# 76
Delta R.T. 0.009 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion: 42 Resp: 3284

Ion	Ratio	Lower	Upper
42	100		
74	105.2	83.4	125.2
44	8.2	0.0	0.0#

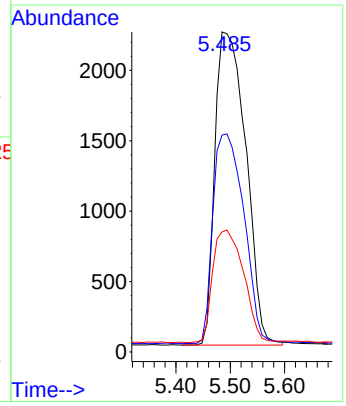




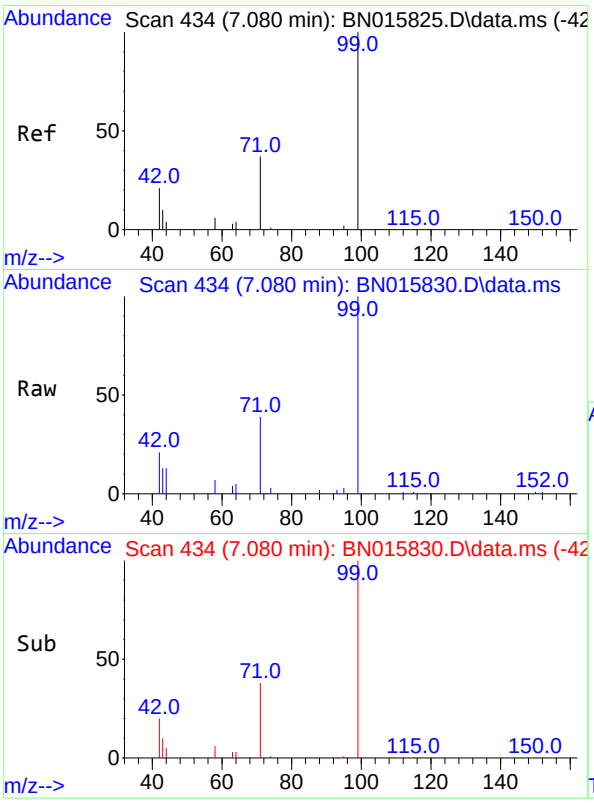
#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.485 min Scan# 261
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:112 Resp: 8794

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.4	80.0
63	35.7	28.6	43.0



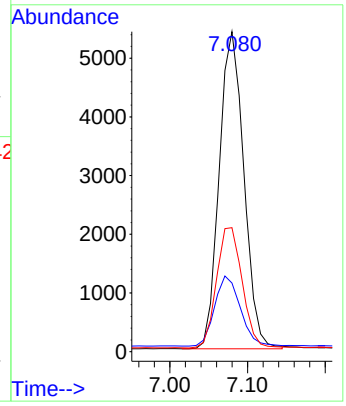
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

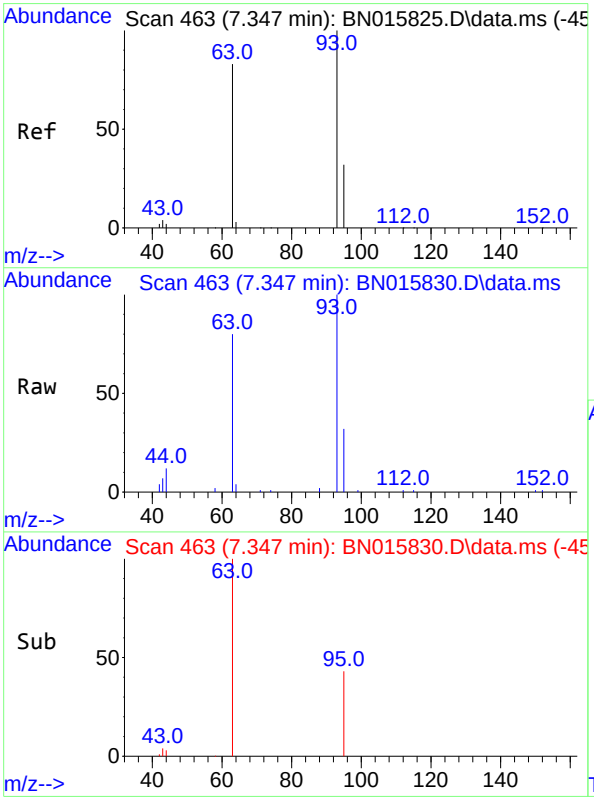


#5
Phenol-d6
Concen: 0.396 ng
RT: 7.080 min Scan# 434
Delta R.T. -0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion: 99 Resp: 11936

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.0	28.4
71	39.4	31.2	46.8

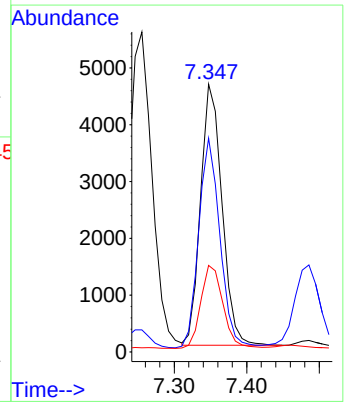




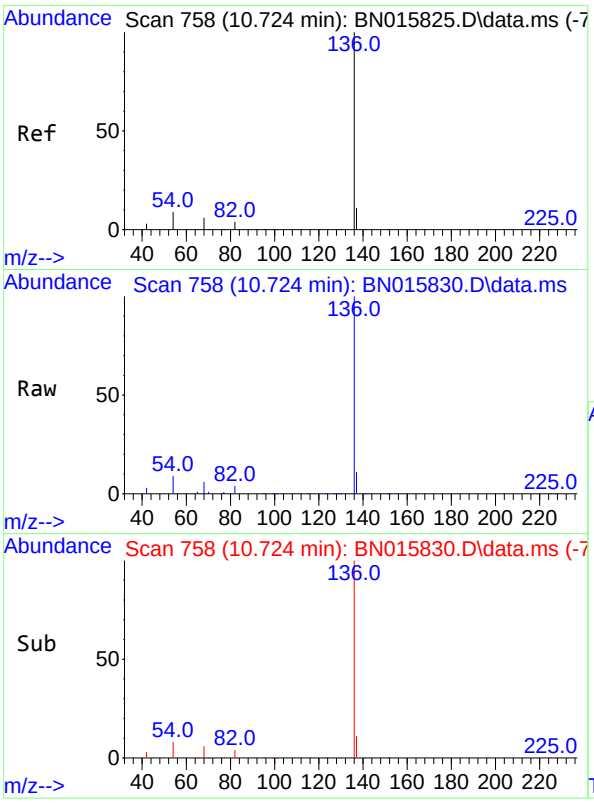
#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.347 min Scan# 463
Delta R.T. -0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion: 93 Resp: 9465

Ion	Ratio	Lower	Upper
93	100		
63	79.4	64.3	96.5
95	32.9	25.6	38.4



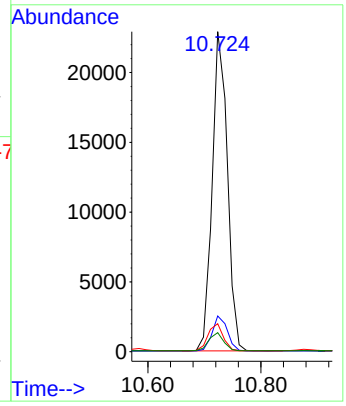
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

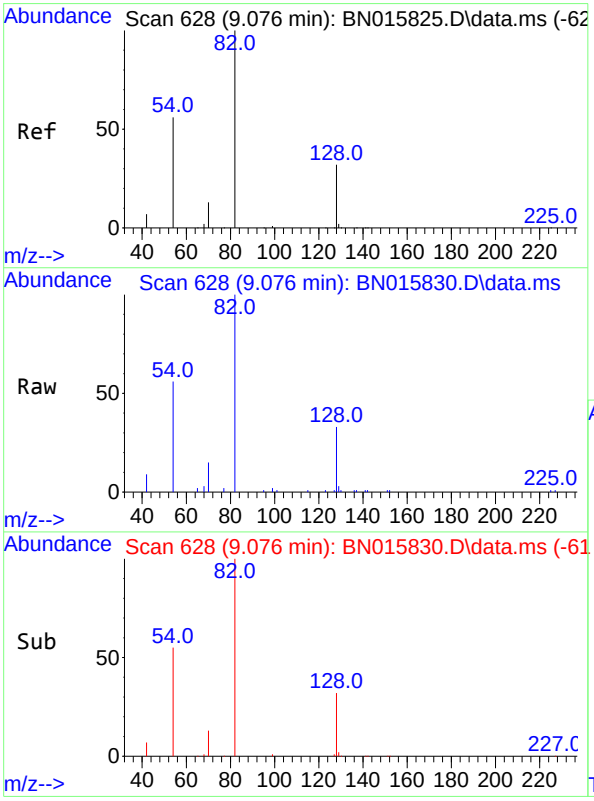


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.724 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:136 Resp: 42520

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	7.1	10.7
68	6.0	4.9	7.3

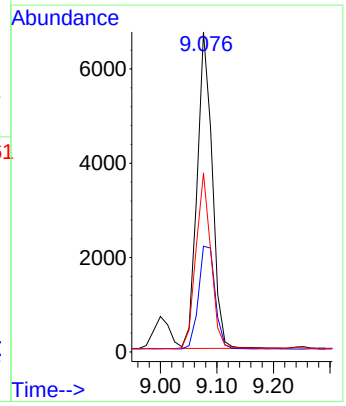




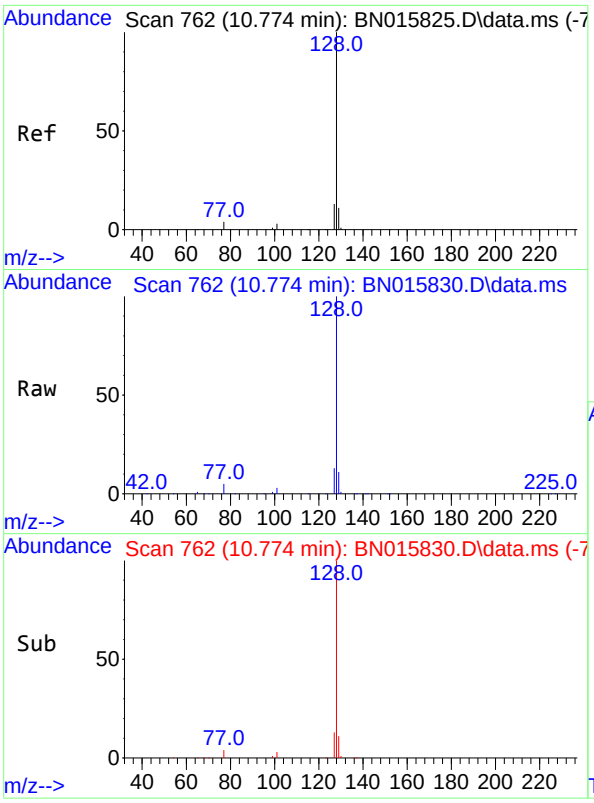
#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.076 min Scan# 628
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion: 82 Resp: 12419

Ion	Ratio	Lower	Upper
82	100		
128	33.0	26.2	39.2
54	55.9	45.4	68.0



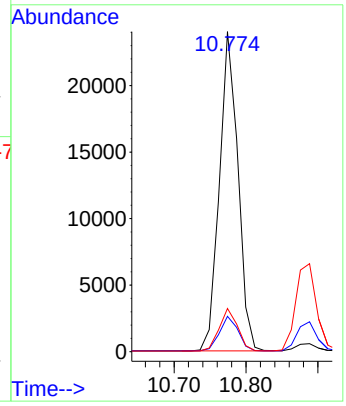
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

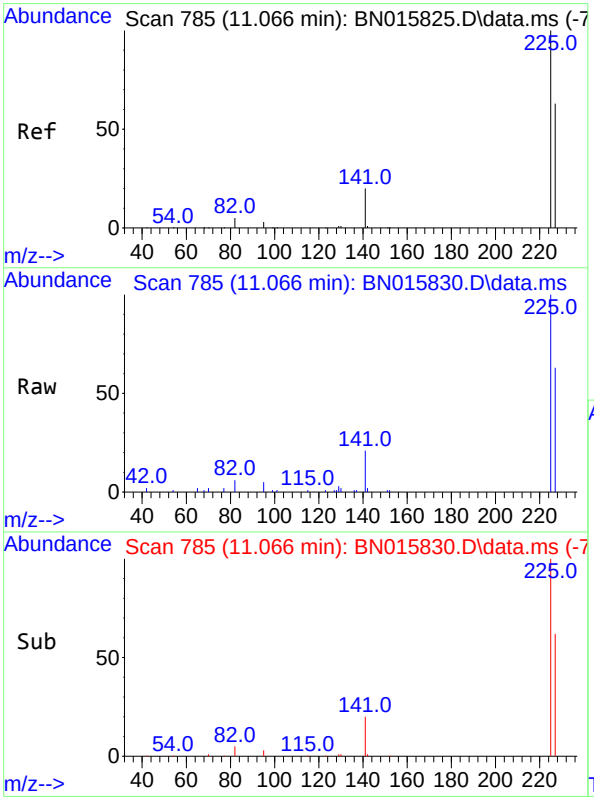


#9
Naphthalene
Concen: 0.384 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:128 Resp: 42914

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.5	10.8	16.2

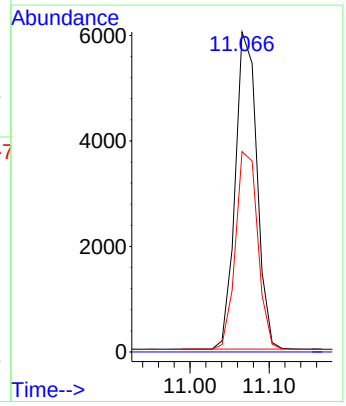




#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 11.066 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:225 Resp: 11471

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.8	77.8



Instrument :
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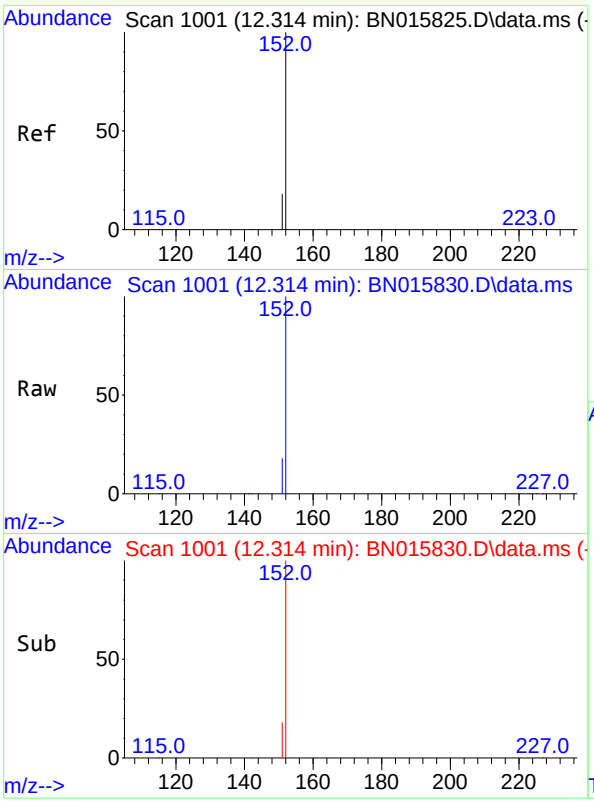
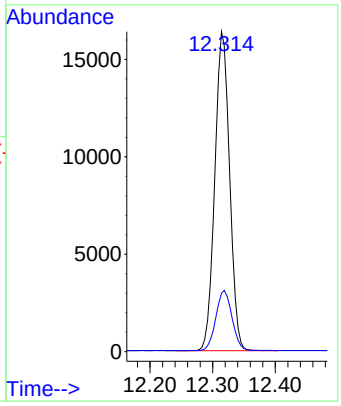
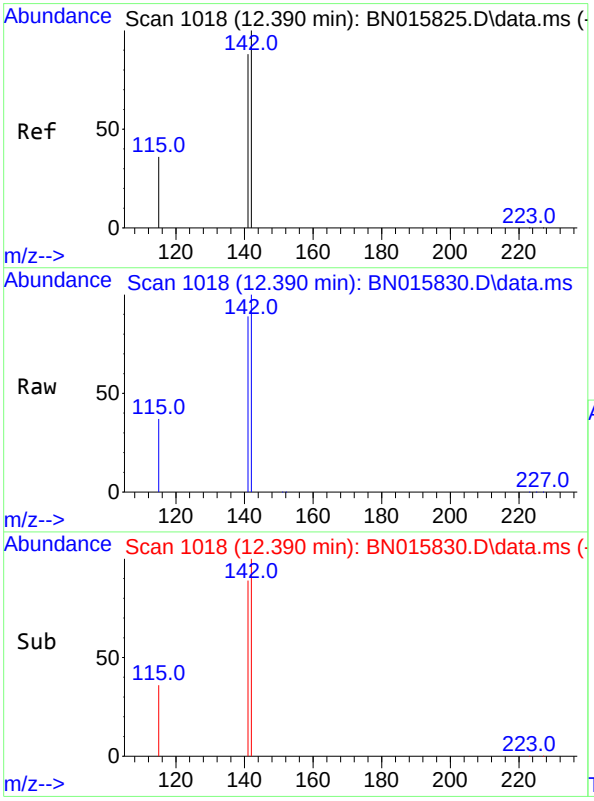


#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.314 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:152 Resp: 26864

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

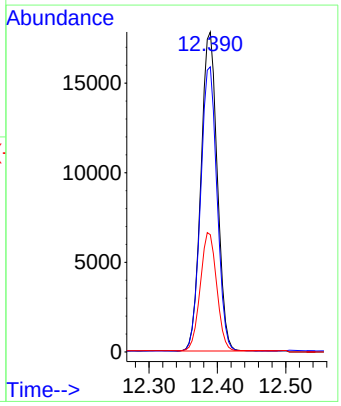




#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.390 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:142 Resp: 29544

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	106.0
115	36.7	29.1	43.7



Instrument :
BNA_N
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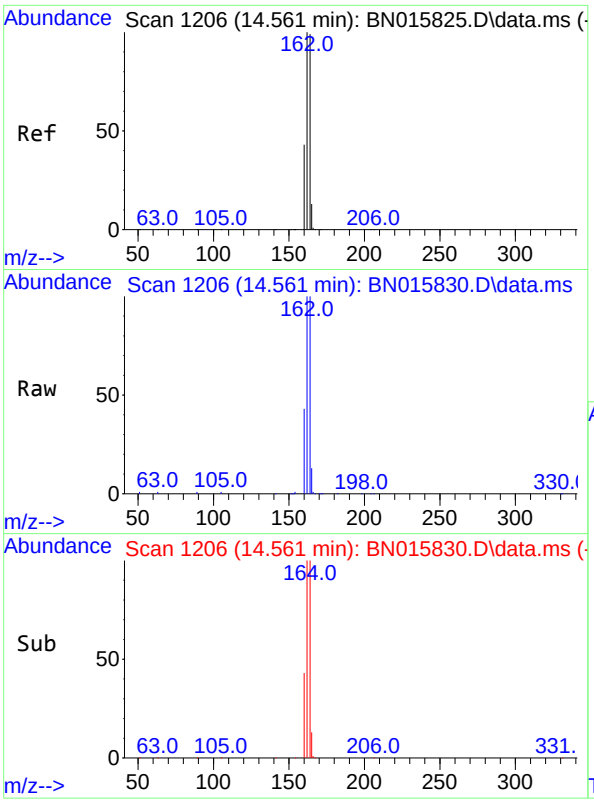
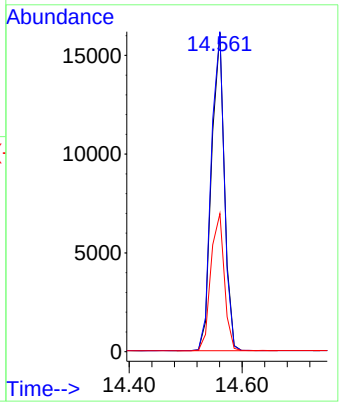
ICVBN080921

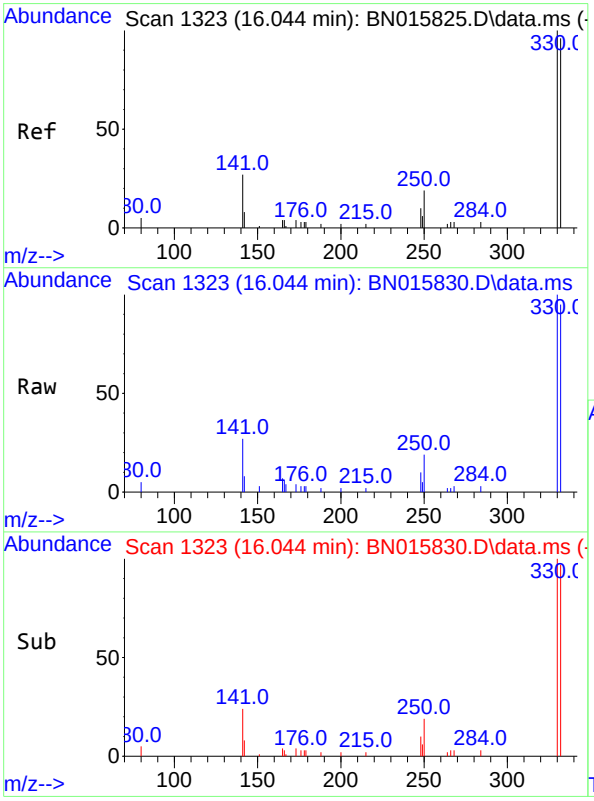


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.561 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:164 Resp: 25361

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	43.3	35.0	52.4

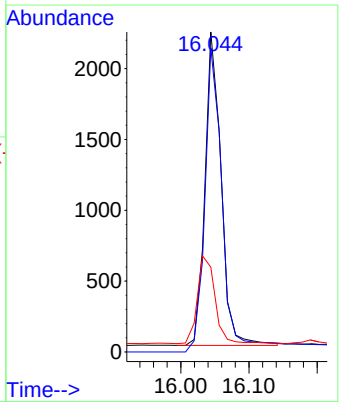




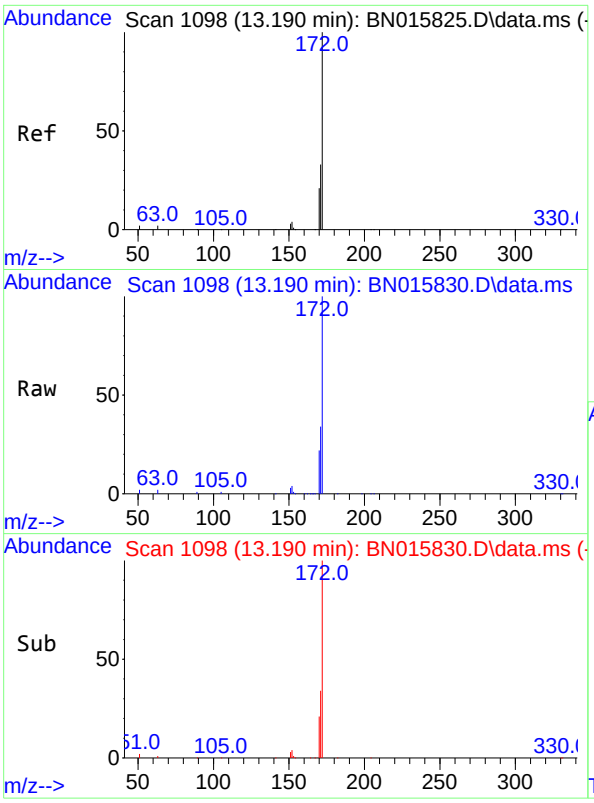
#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 16.044 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:330 Resp: 3648

Ion	Ratio	Lower	Upper
330	100		
332	105.7	86.2	129.2
141	30.5	25.0	37.6



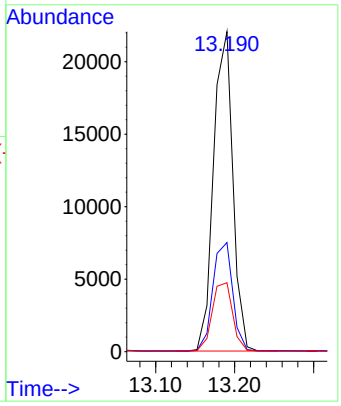
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

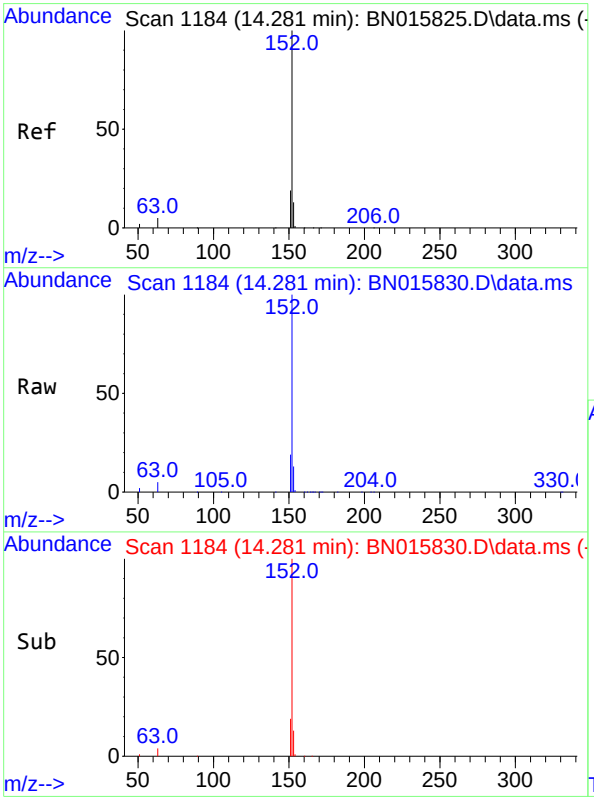


#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.190 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:172 Resp: 37399

Ion	Ratio	Lower	Upper
172	100		
171	34.1	26.9	40.3
170	21.5	17.3	25.9

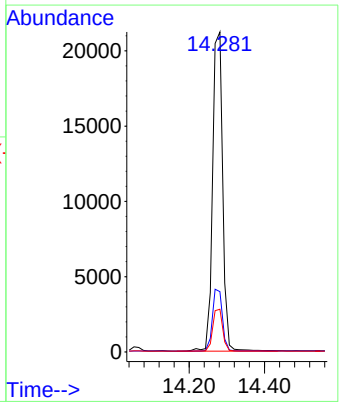




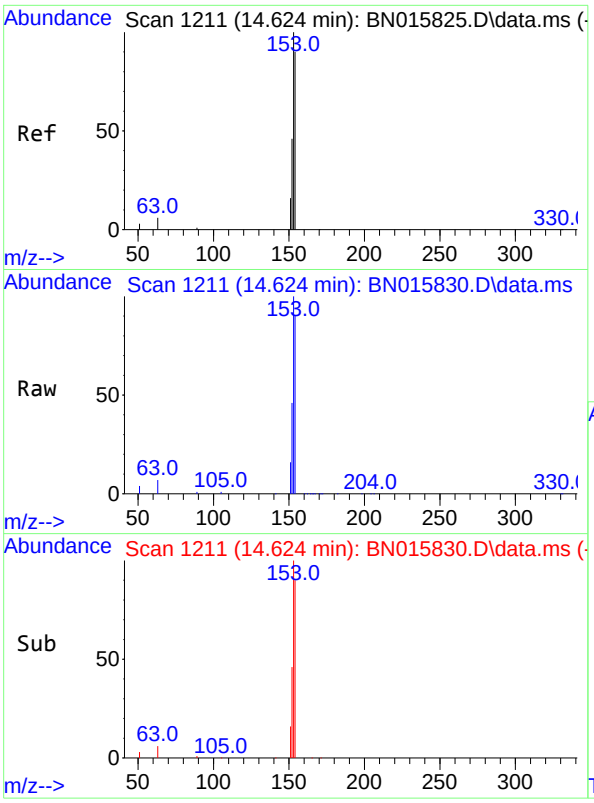
#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:152 Resp: 39287

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.5	15.7



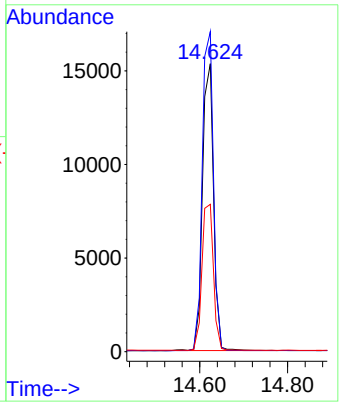
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

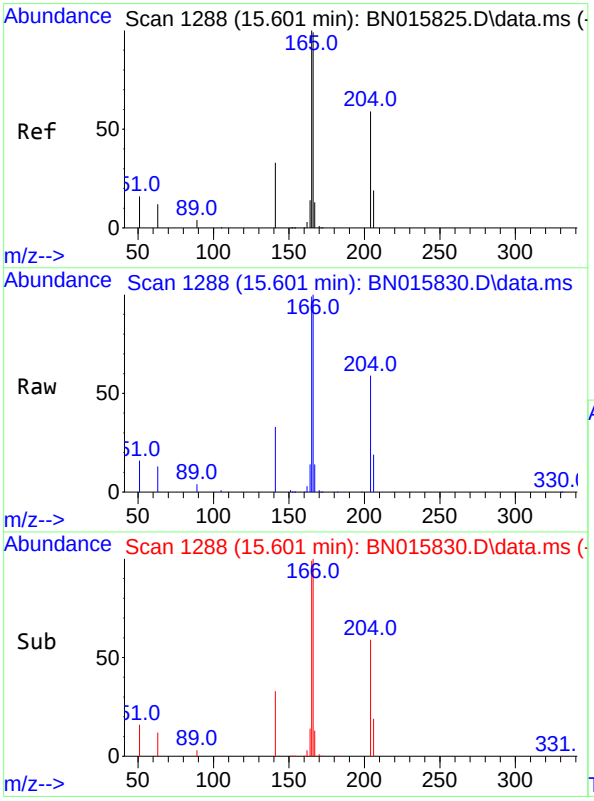


#17
Acenaphthene
Concen: 0.373 ng
RT: 14.624 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:154 Resp: 26760

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	53.3	42.7	64.1

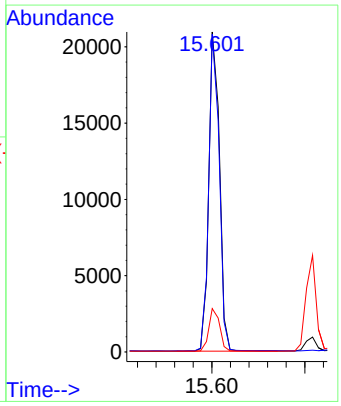




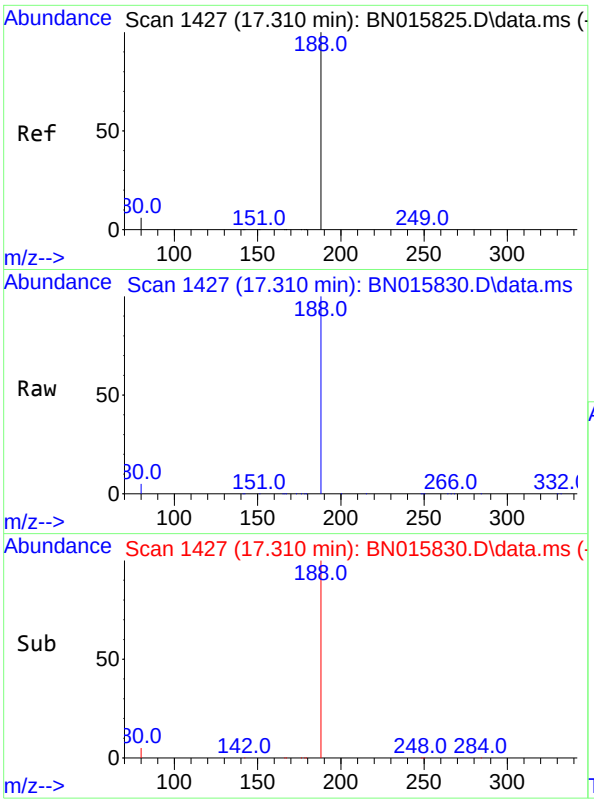
#18
Fluorene
Concen: 0.372 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:166 Resp: 33635

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.5	10.9	16.3



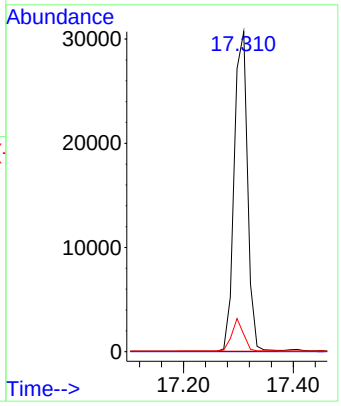
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

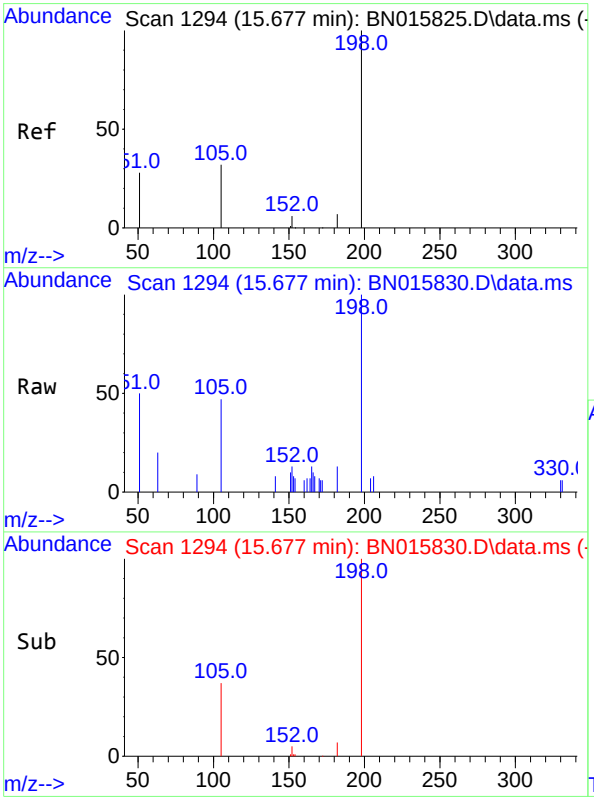


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.310 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:188 Resp: 51435

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	4.7	7.1

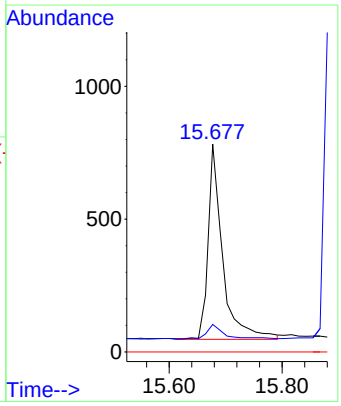




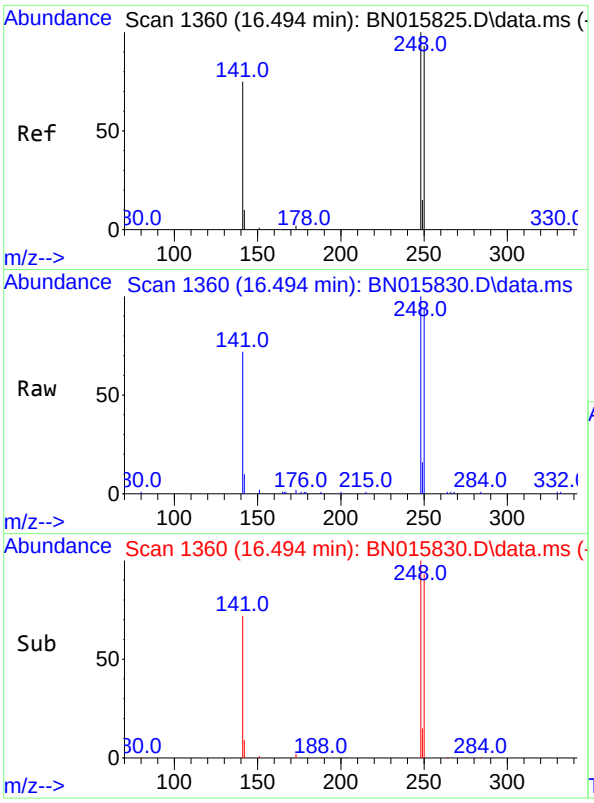
#20
4,6-Dinitro-2-methylphenol
Concen: 0.412 ng
RT: 15.677 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:198 Resp: 1307

Ion	Ratio	Lower	Upper
198	100		
182	13.3	10.8	16.2
77	0.0	0.0	0.0



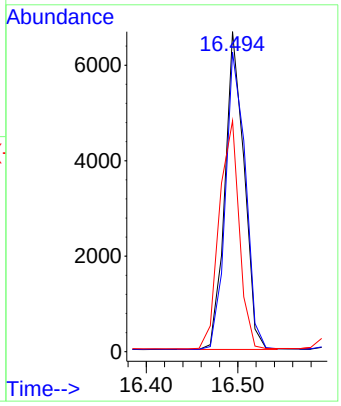
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

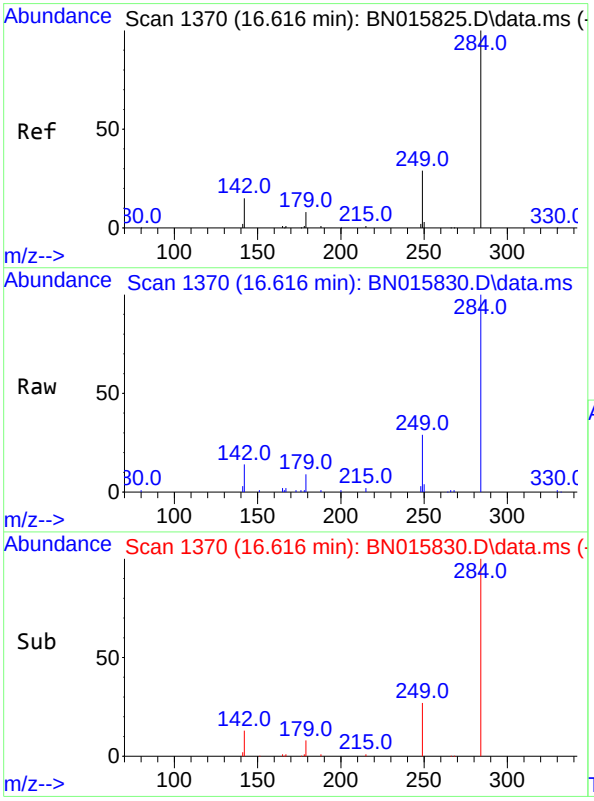


#21
4-Bromophenyl-phenylether
Concen: 0.349 ng
RT: 16.494 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:248 Resp: 9637

Ion	Ratio	Lower	Upper
248	100		
250	93.6	74.8	112.2
141	72.1	60.5	90.7

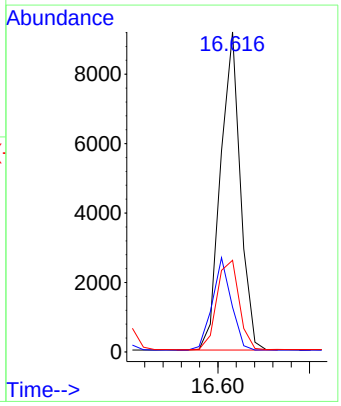




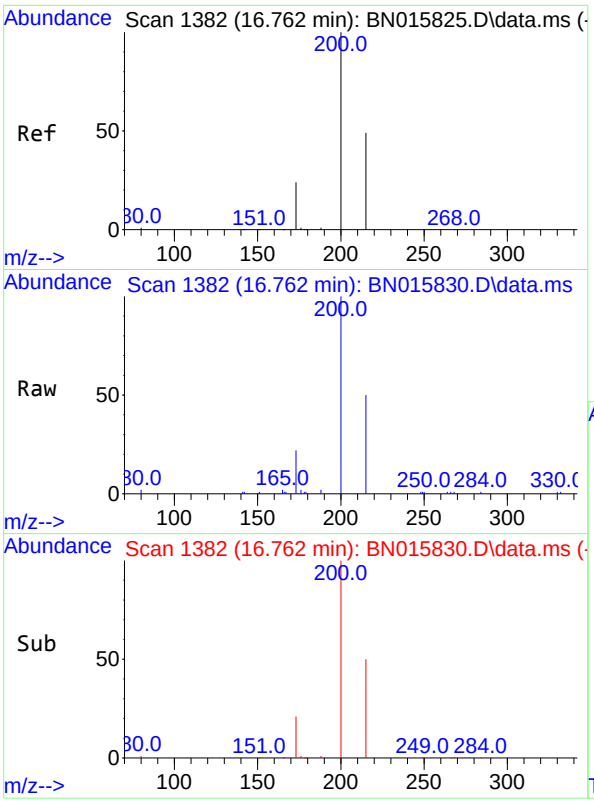
#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:284 Resp: 13735

Ion	Ratio	Lower	Upper
284	100		
142	27.8	23.0	34.4
249	31.5	25.3	37.9



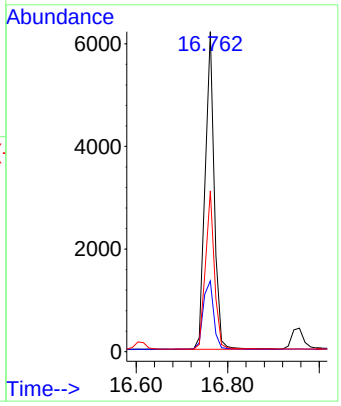
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

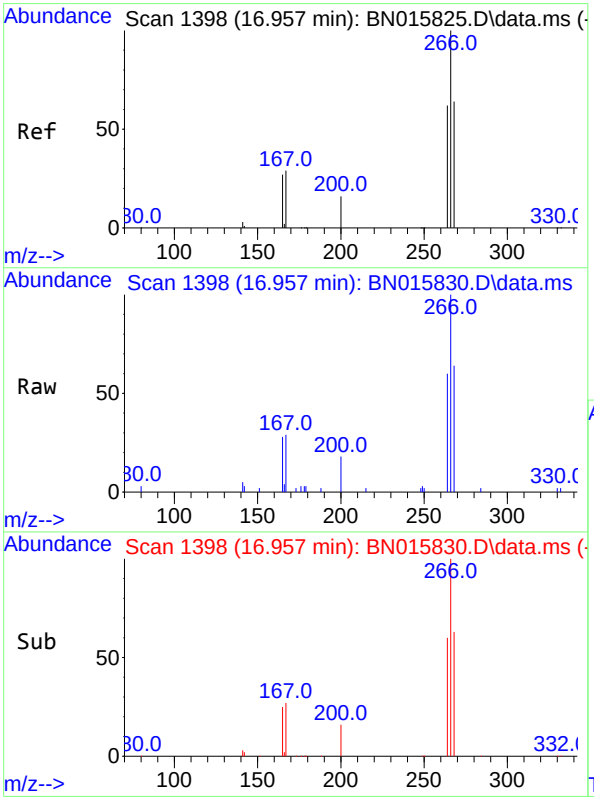


#23
Atrazine
Concen: 0.353 ng
RT: 16.762 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:200 Resp: 8559

Ion	Ratio	Lower	Upper
200	100		
173	22.1	19.4	29.2
215	50.2	39.4	59.2

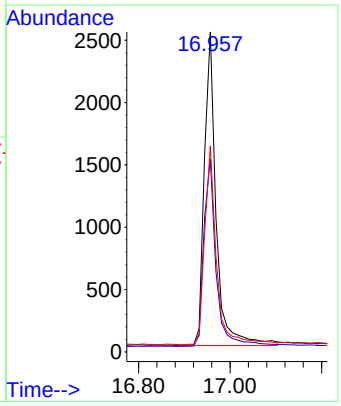




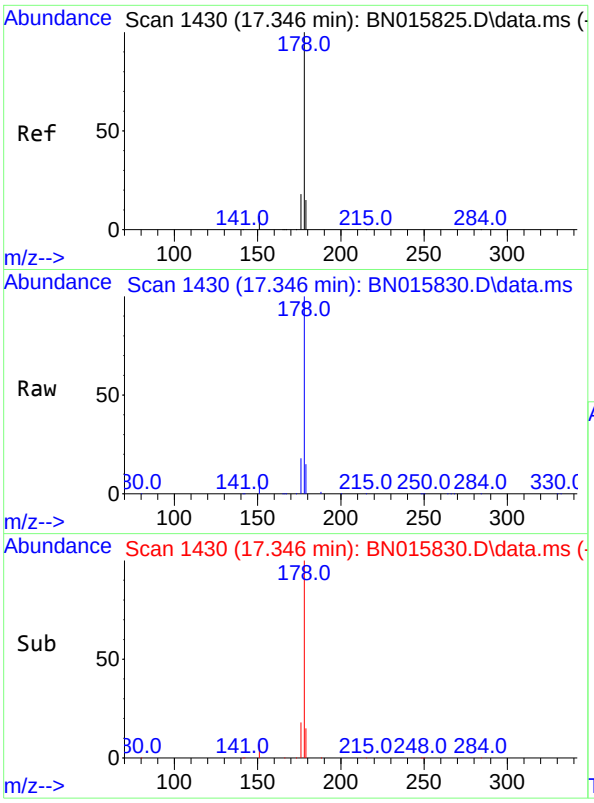
#24
Pentachlorophenol
Concen: 0.330 ng
RT: 16.957 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:266 Resp: 4504

Ion	Ratio	Lower	Upper
266	100		
264	61.9	51.0	76.6
268	63.7	51.8	77.6



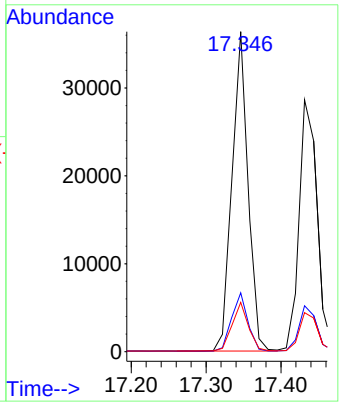
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

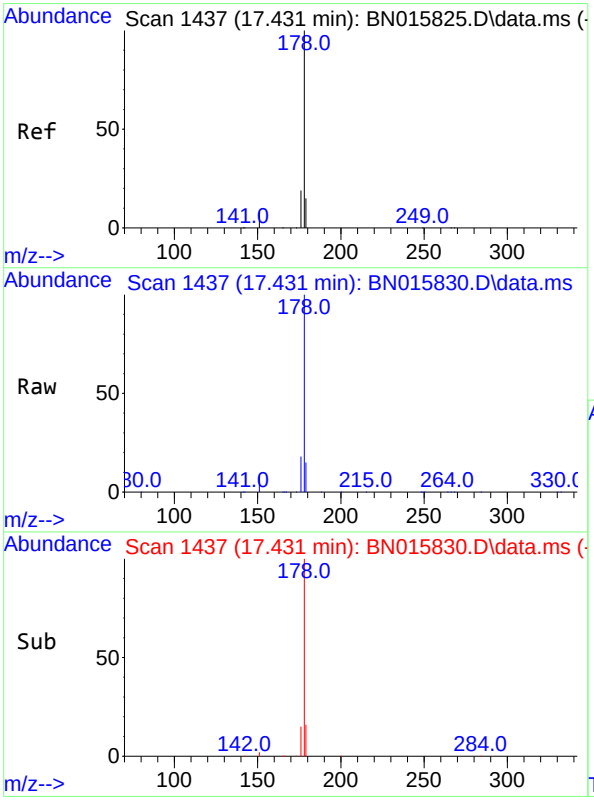


#25
Phenanthrene
Concen: 0.375 ng
RT: 17.346 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:178 Resp: 53999

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.5	12.7	19.1

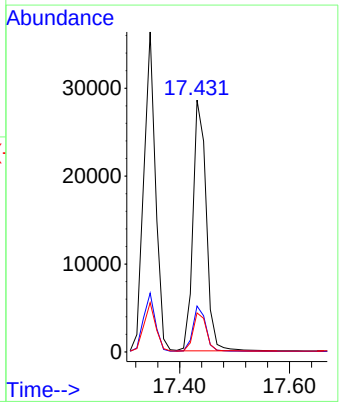




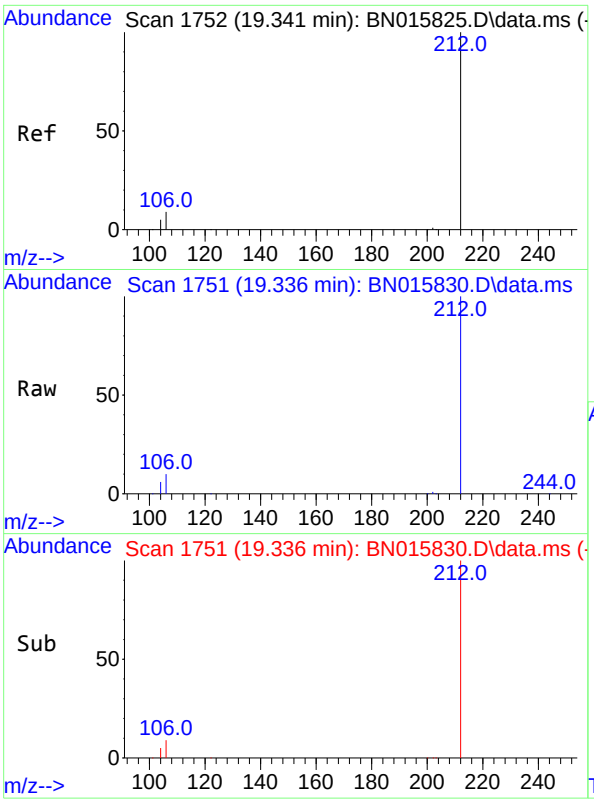
#26
Anthracene
Concen: 0.368 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:178 Resp: 47920

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.3	21.5
179	15.5	12.3	18.5



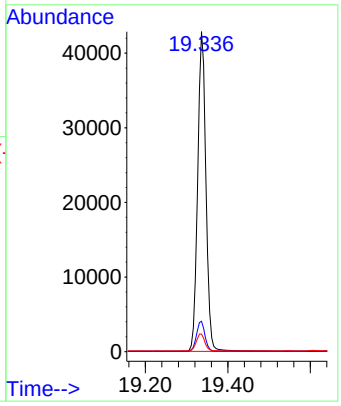
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

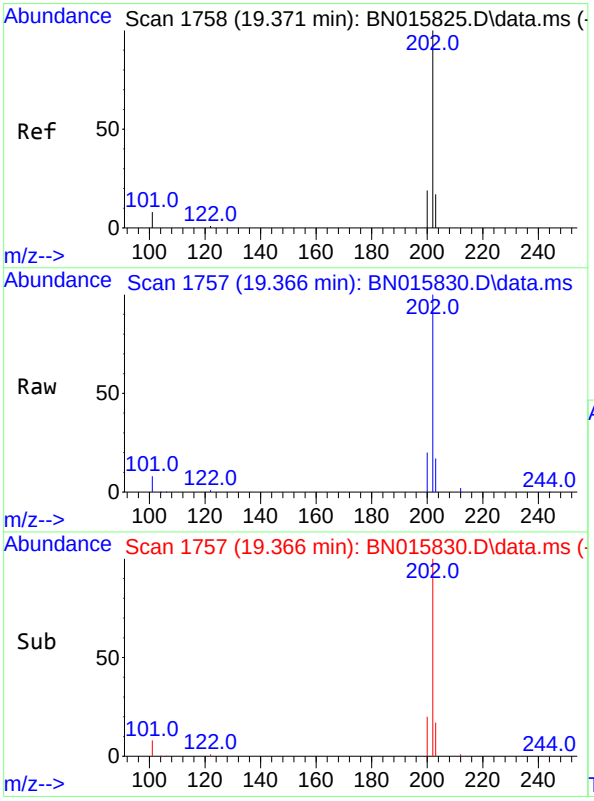


#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.336 min Scan# 1751
Delta R.T. -0.005 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:212 Resp: 59423

Ion	Ratio	Lower	Upper
212	100		
106	9.5	7.8	11.8
104	5.5	4.6	6.8

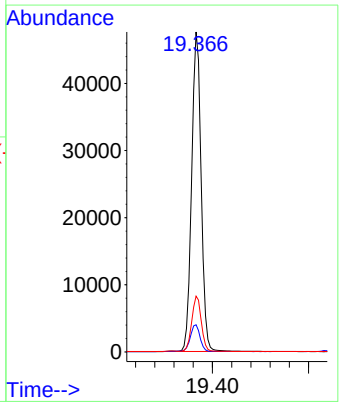




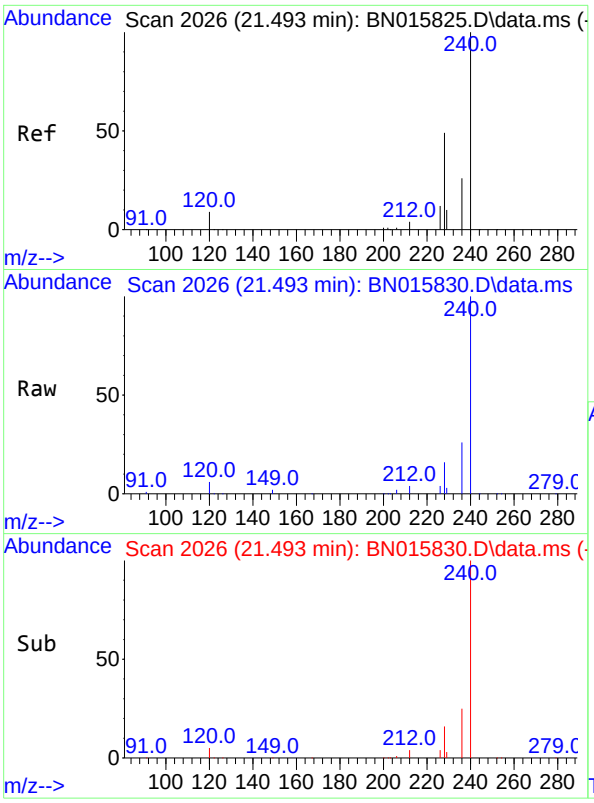
#28
Fluoranthene
Concen: 0.380 ng
RT: 19.366 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:202 Resp: 65585

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.6
203	17.4	13.8	20.8



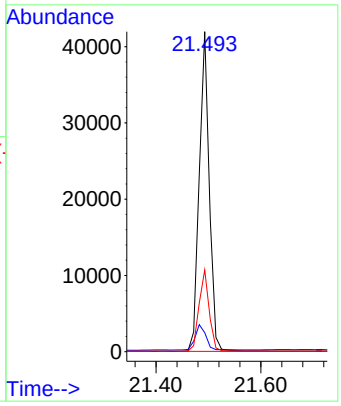
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

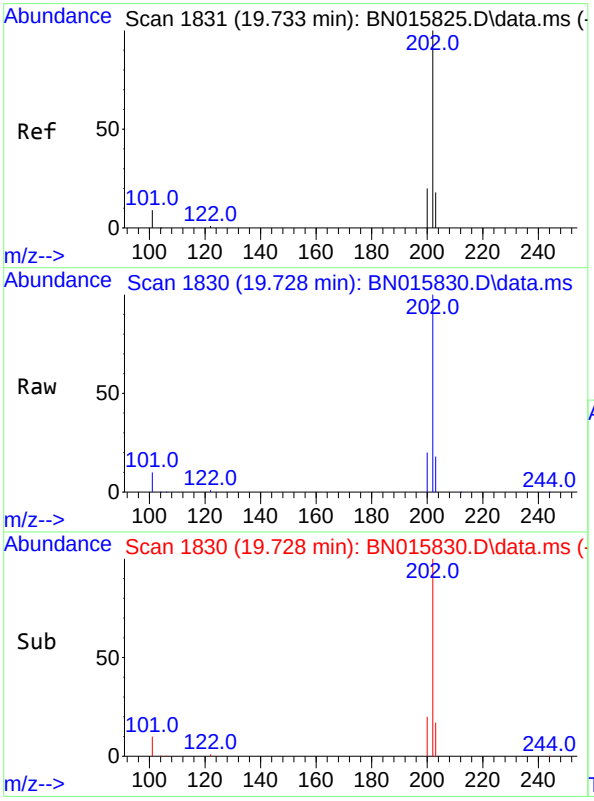


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.493 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:240 Resp: 55811

Ion	Ratio	Lower	Upper
240	100		
120	5.9	7.8	11.8#
236	25.6	21.1	31.7

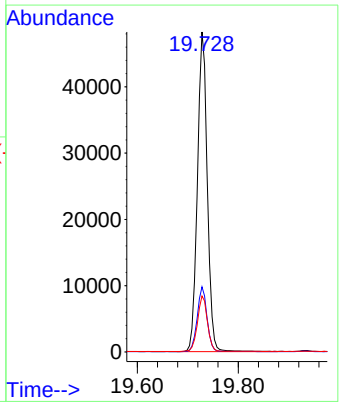




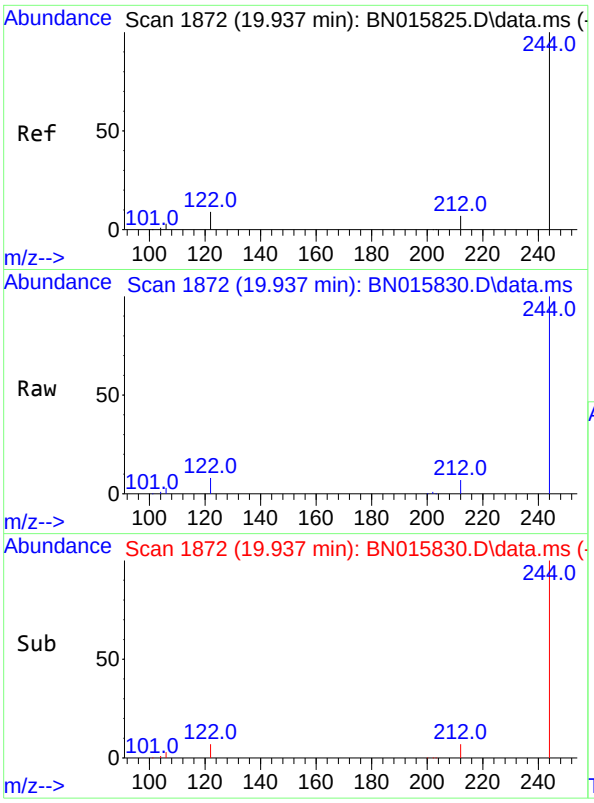
#30
Pyrene
Concen: 0.370 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:202 Resp: 65245

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	17.6	14.1	21.1



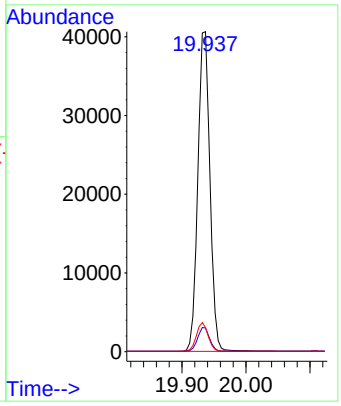
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

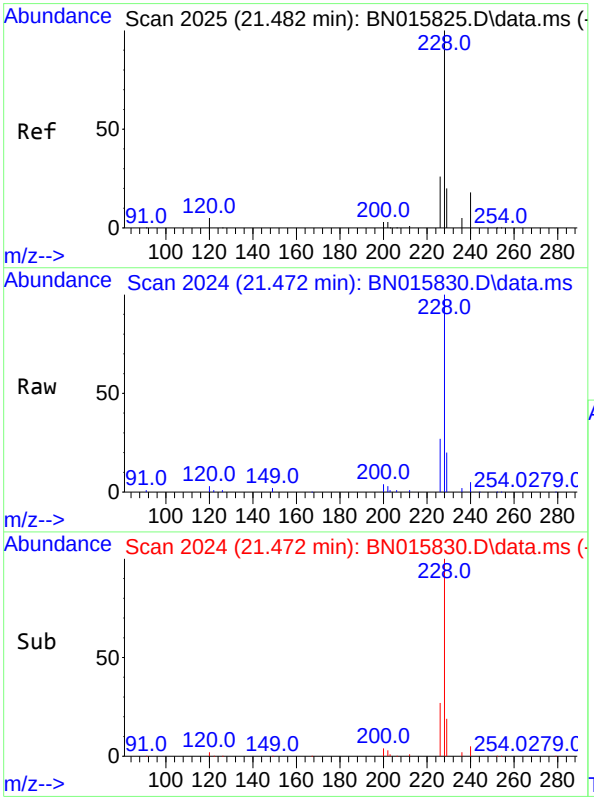


#31
Terphenyl-d14
Concen: 0.377 ng
RT: 19.937 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:244 Resp: 61806

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.5	7.0	10.4

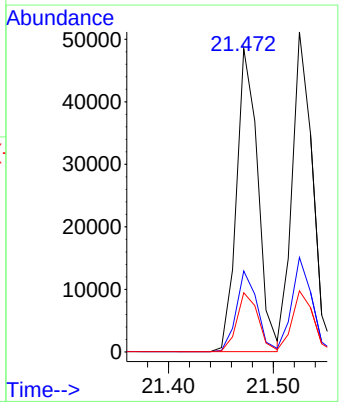




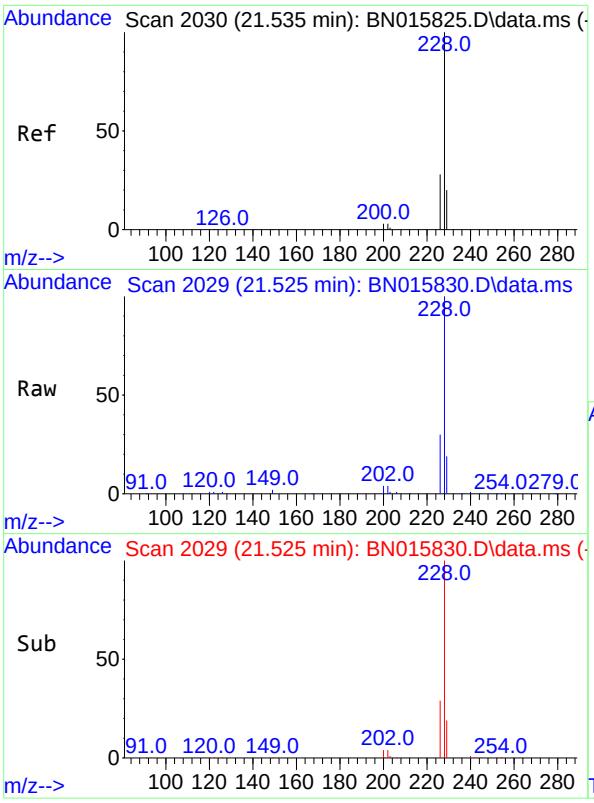
#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.472 min Scan# 2024
Delta R.T. -0.011 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:228 Resp: 68414

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.6	31.0
229	19.5	15.8	23.6



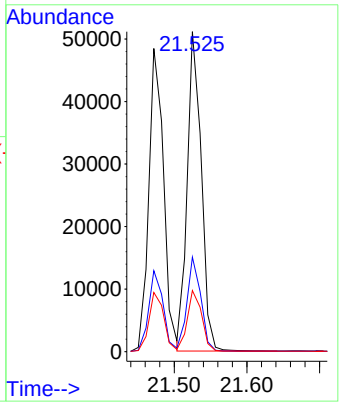
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

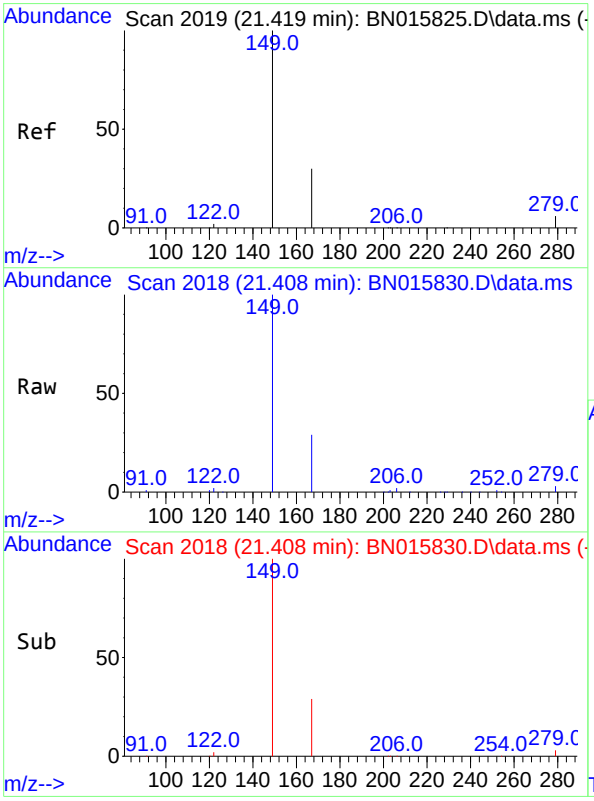


#33
Chrysene
Concen: 0.377 ng
RT: 21.525 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:228 Resp: 68612

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	19.1	15.8	23.8

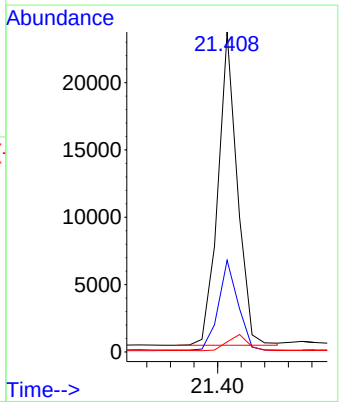




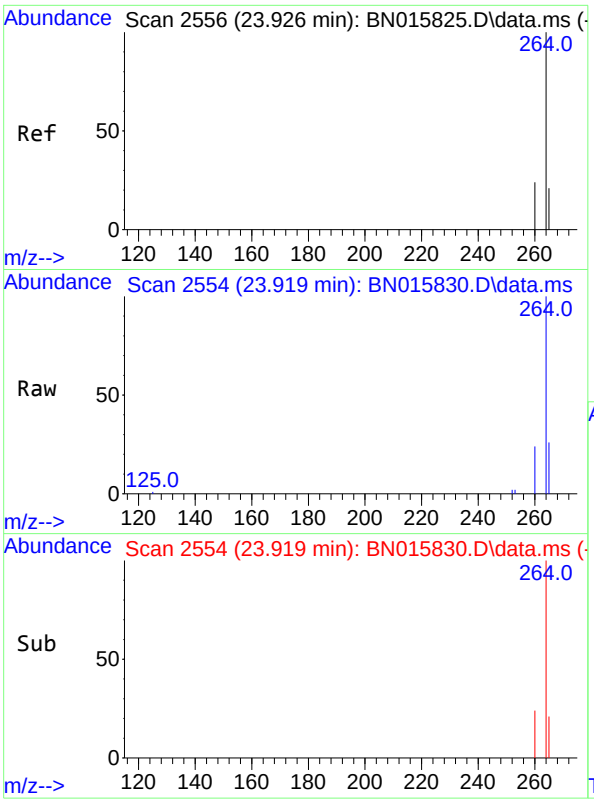
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:149 Resp: 26542

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.7	34.1
279	5.3	4.2	6.4



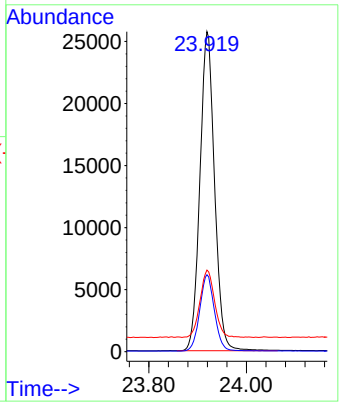
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

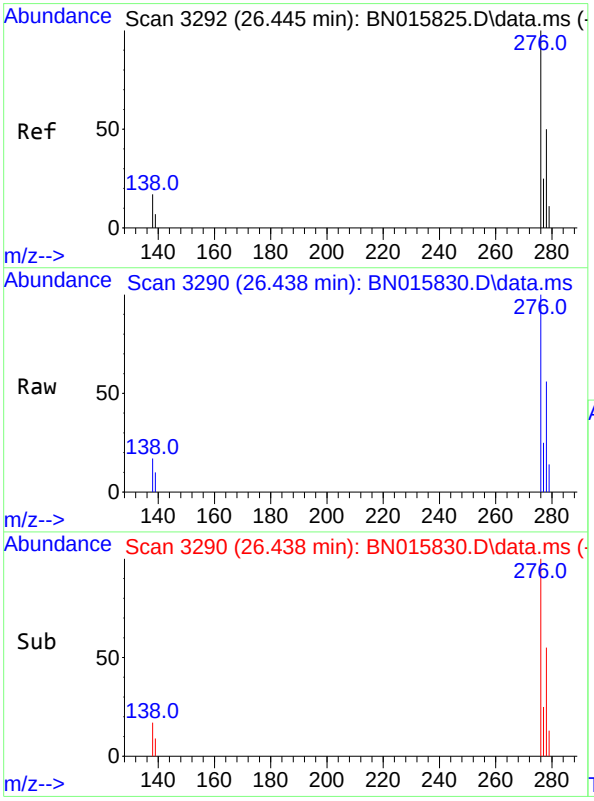


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.919 min Scan# 2554
Delta R.T. -0.007 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:264 Resp: 53514

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	25.5	21.7	32.5

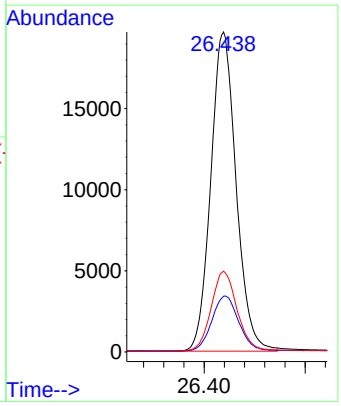




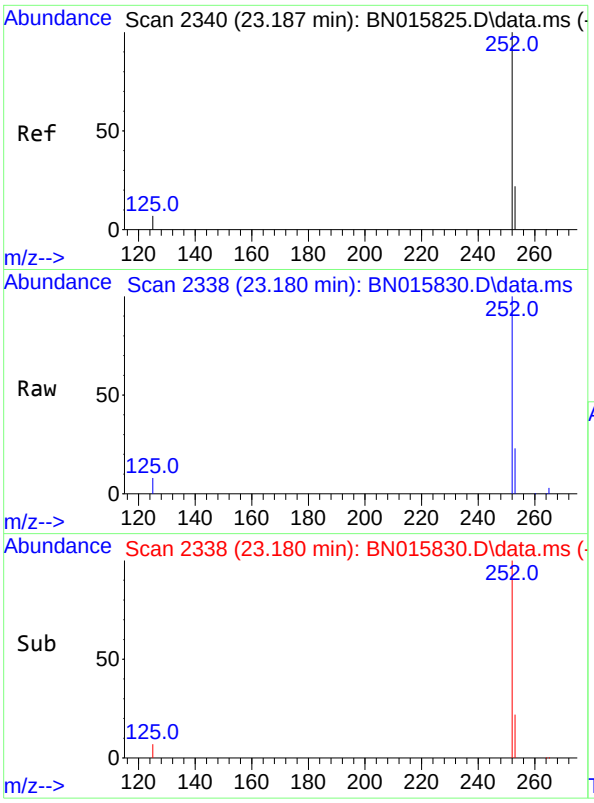
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.438 min Scan# 3290
Delta R.T. -0.007 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:276 Resp: 68473

Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.5	21.7
277	25.3	20.2	30.4



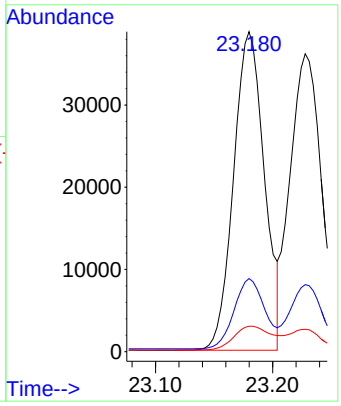
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

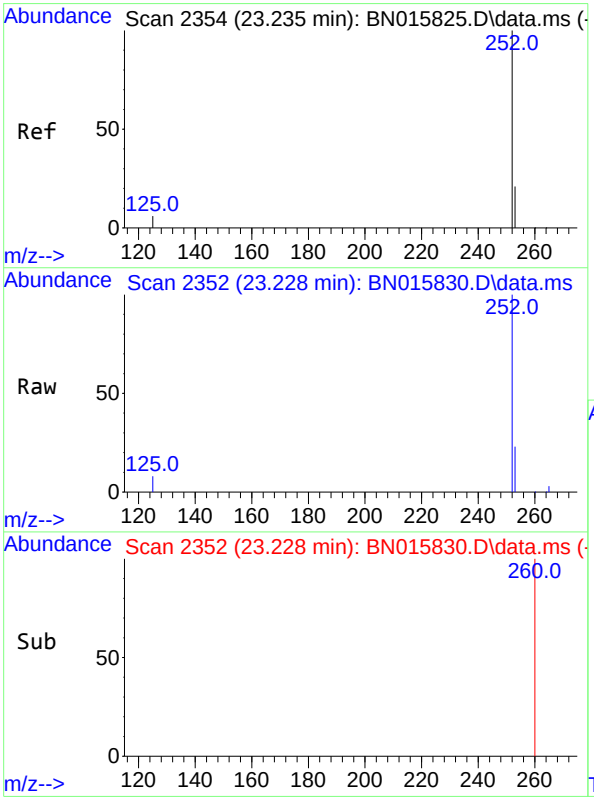


#37
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 23.180 min Scan# 2338
Delta R.T. -0.007 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:252 Resp: 70594

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	7.9	6.3	9.5

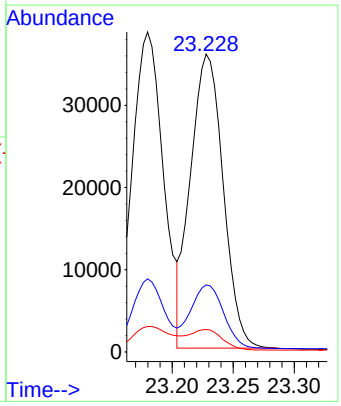




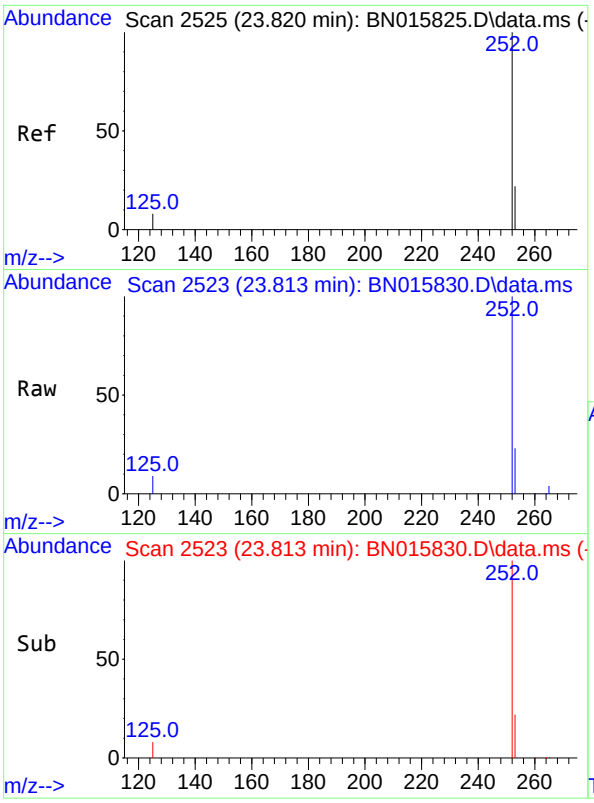
#38
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.228 min Scan# 2352
Delta R.T. -0.007 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:252 Resp: 66711

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	7.5	6.2	9.4



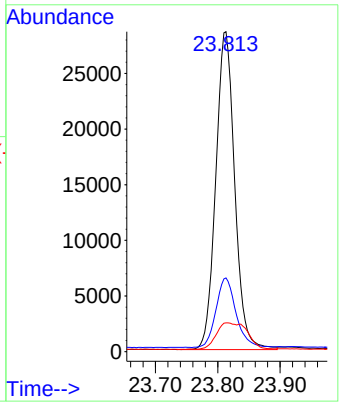
Instrument :
BNA_N
ClientSampleId :
ICVBN080921

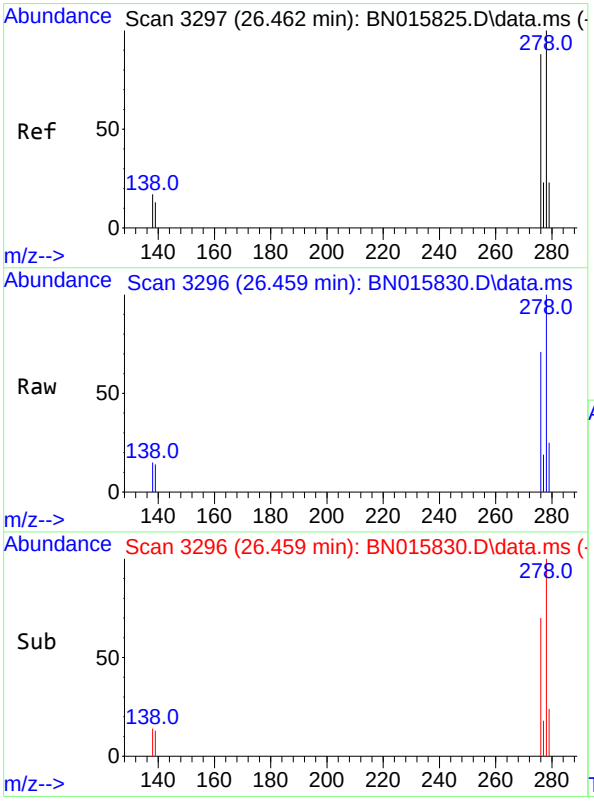


#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.813 min Scan# 2523
Delta R.T. -0.007 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:252 Resp: 60378

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.0	7.0	10.6

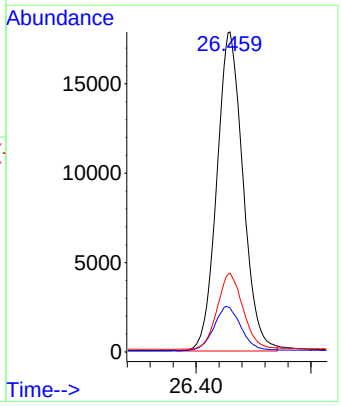


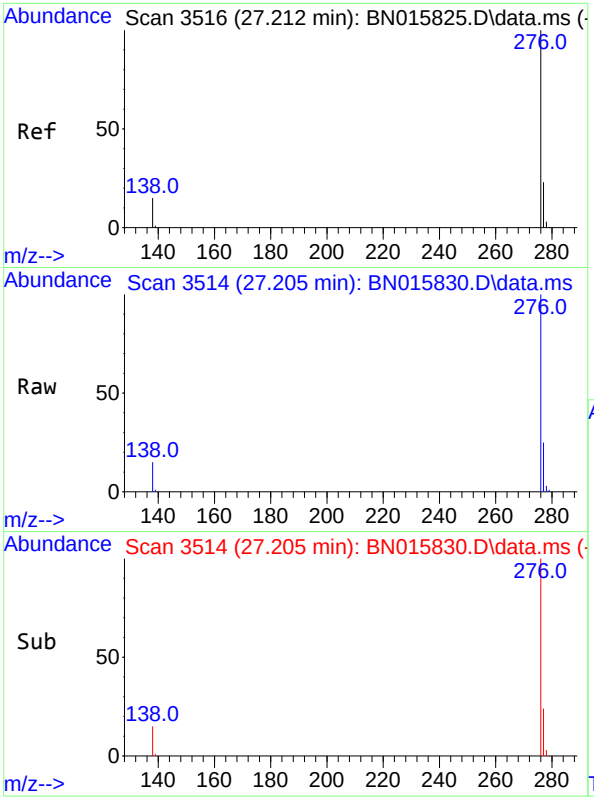


#40
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.459 min Scan# 3296
Delta R.T. -0.003 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:278 Resp: 56408

Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.5	15.7
279	24.7	19.5	29.3

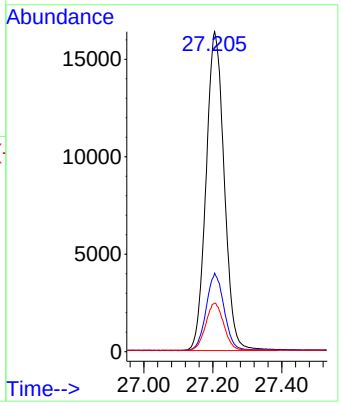




#41
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 27.205 min Scan# 3514
Delta R.T. -0.007 min
Lab File: BN015830.D
Acq: 09 Aug 2021 19:52

Tgt Ion:276 Resp: 59794

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	15.2	12.2	18.4



Instrument :
BNA_N
ClientSampleId :
ICVBN080921