Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013145.D
Acq On : 15 Dec 2020 14:49
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Dec 15 15:45:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 13:20:48 2020
Response via : Initial Calibration

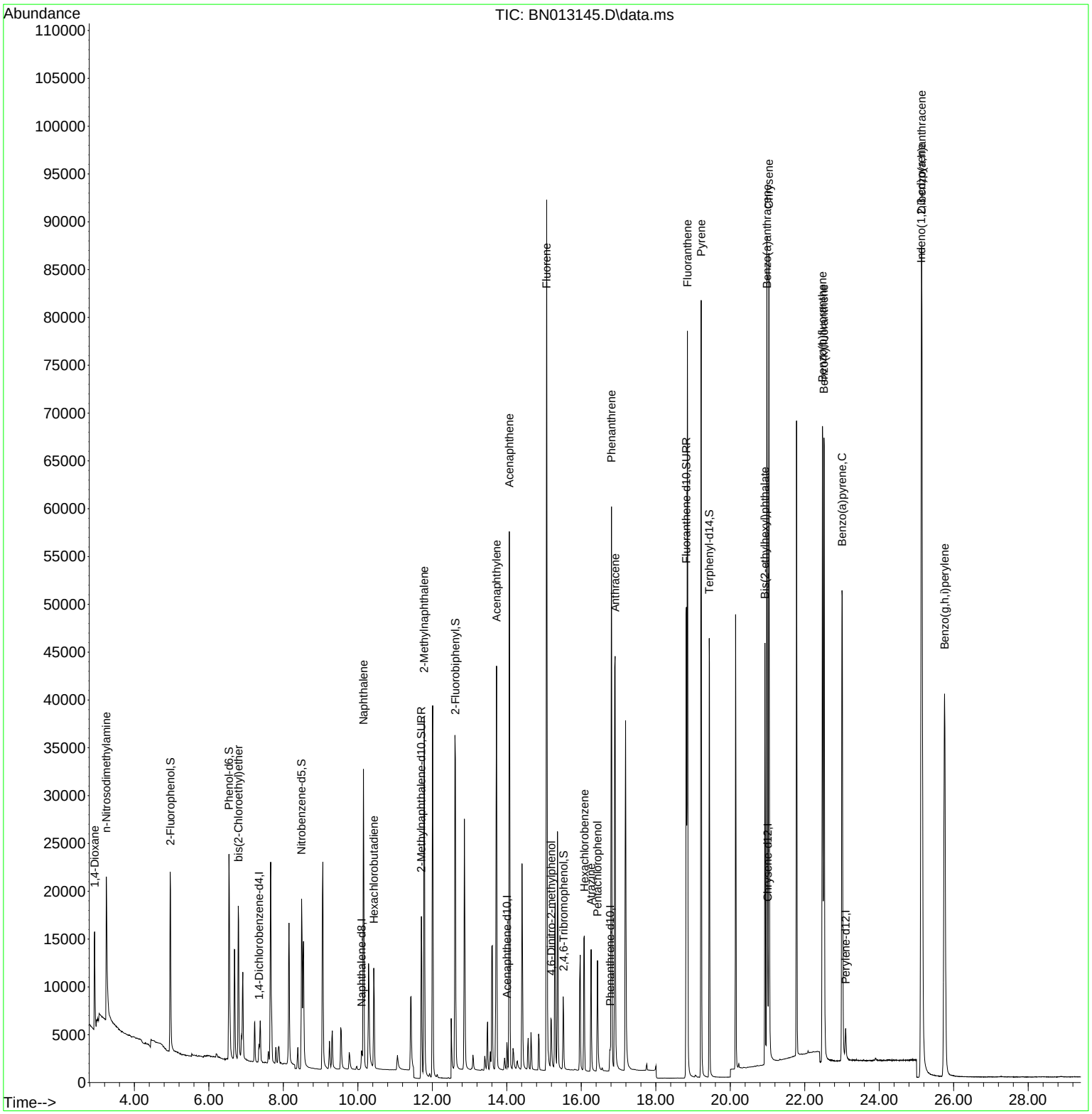
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	914	0.40	ng	0.00
7) Naphthalene-d8	10.099	136	2759	0.40	ng	#-0.01
13) Acenaphthene-d10	14.004	164	1657	0.40	ng	-0.01
19) Phenanthrene-d10	16.776	188	3576	0.40	ng	# 0.00
29) Chrysene-d12	21.006	240	3947	0.40	ng	# 0.00
36) Perylene-d12	23.099	264	4150	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	14801	4.51	ng	0.00
5) Phenol-d6	6.541	99	18388	4.89	ng	-0.02
8) Nitrobenzene-d5	8.490	82	15685	5.36	ng	-0.03
11) 2-Methylnaphthalene-d10	11.706	152	24283	4.88	ng	-0.02
14) 2,4,6-Tribromophenol	15.526	330	5673	5.21	ng	-0.01
15) 2-Fluorobiphenyl	12.621	172	35865	4.91	ng	-0.01
27) Fluoranthene-d10	18.821	212	58910	4.91	ng	0.00
31) Terphenyl-d14	19.437	244	48202	4.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	7089	3.27	ng	# 95
3) n-Nitrosodimethylamine	3.247	42	11976	4.99	ng	# 77
6) bis(2-Chloroethyl)ether	6.790	93	11746	4.63	ng	97
9) Naphthalene	10.150	128	40062	4.75	ng	96
10) Hexachlorobutadiene	10.429	225	8185	4.48	ng	# 99
12) 2-Methylnaphthalene	11.782	142	28104	4.85	ng	97
16) Acenaphthylene	13.725	152	44704	5.06	ng	99
17) Acenaphthene	14.067	154	27321	4.90	ng	93
18) Fluorene	15.069	166	36490	4.91	ng	100
20) 4,6-Dinitro-2-methylph...	15.196	198	4866	7.19	ng	# 86
22) Hexachlorobenzene	16.082	284	11731	4.47	ng	# 89
23) Atrazine	16.264	200	10970	5.15	ng	96
24) Pentachlorophenol	16.435	266	6007	5.46	ng	98
25) Phenanthrene	16.812	178	58431	4.97	ng	99
26) Anthracene	16.909	178	55954	5.36	ng	99
28) Fluoranthene	18.851	202	70950	4.90	ng	# 98
30) Pyrene	19.218	202	72238	4.88	ng	100
32) Benzo(a)anthracene	20.985	228	69982	4.84	ng	99
33) Chrysene	21.038	228	70912	4.71	ng	99
34) Bis(2-ethylhexyl)phtha...	20.931	149	38007	4.31	ng	96
35) Indeno(1,2,3-cd)pyrene	25.132	276	96128	4.81	ng	97
37) Benzo(b)fluoranthene	22.476	252	76725	4.87	ng	95
38) Benzo(k)fluoranthene	22.517	252	80841	4.86	ng	95
39) Benzo(a)pyrene	23.003	252	72229	4.80	ng	93
40) Dibenzo(a,h)anthracene	25.142	278	81457	4.96	ng	95
41) Benzo(g,h,i)perylene	25.755	276	81231	4.68	ng	98

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

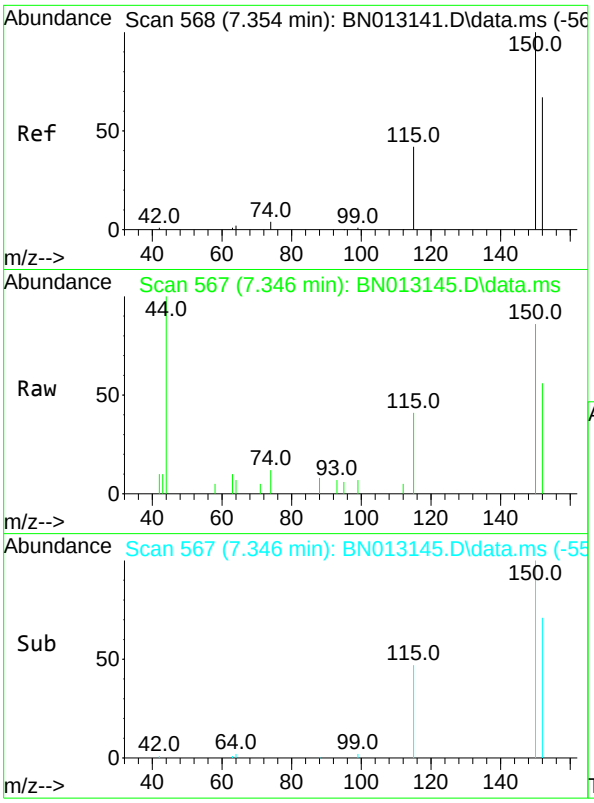
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013145.D
Acq On : 15 Dec 2020 14:49
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 15 15:45:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 13:20:48 2020
Response via : Initial Calibration



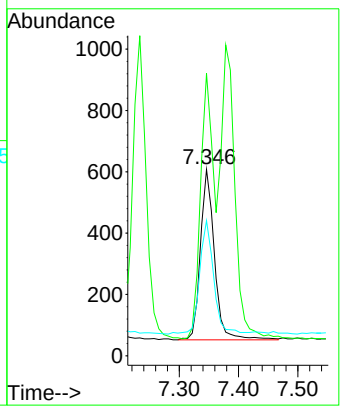
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

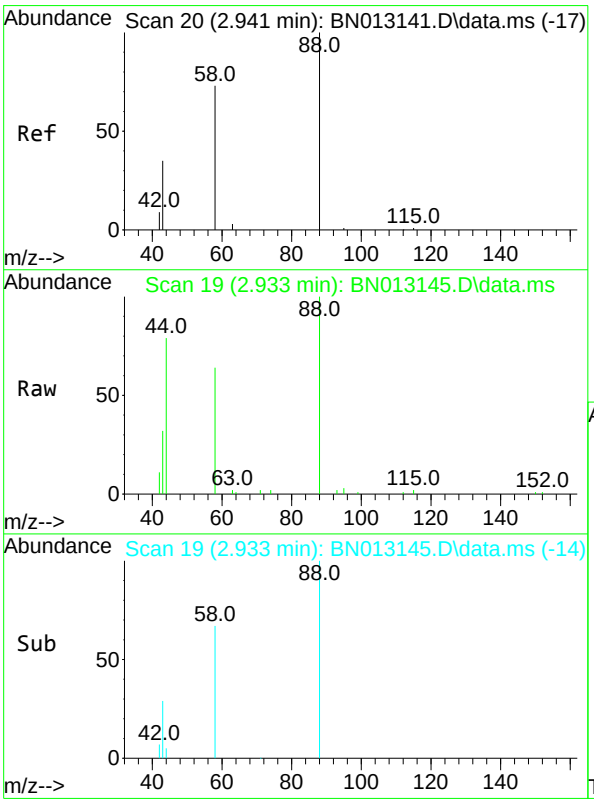


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:152 Resp: 914

Ion	Ratio	Lower	Upper
152	100		
150	151.5	116.6	174.8
115	72.5	52.9	79.3

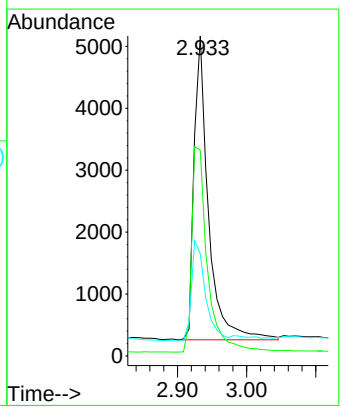




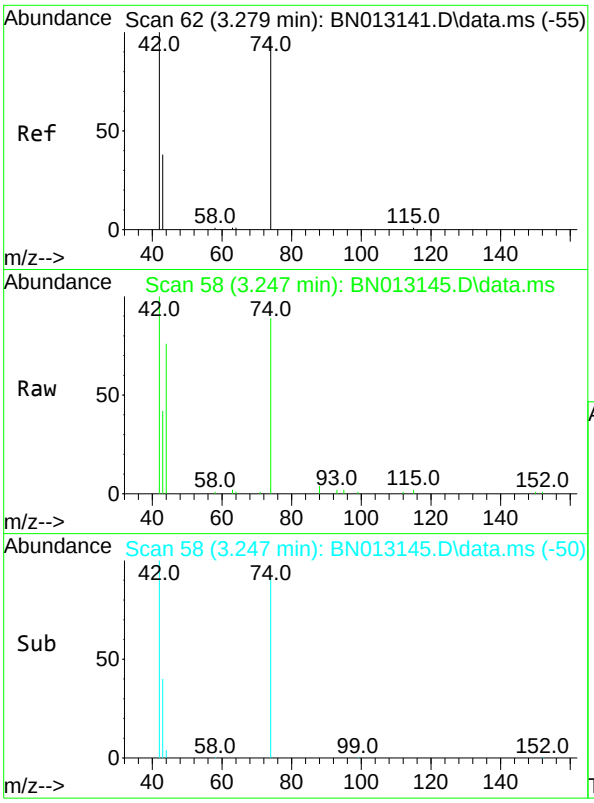
#2
1,4-Dioxane
Concen: 3.27 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion: 88 Resp: 7089

Ion	Ratio	Lower	Upper
88	100		
58	75.0	59.4	89.2
43	32.2	32.3	48.5#



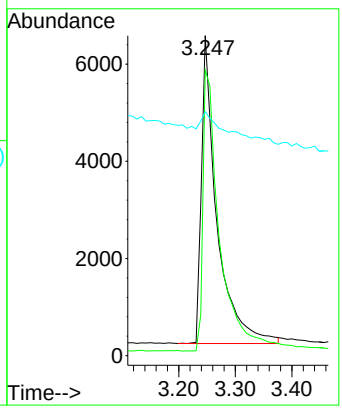
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

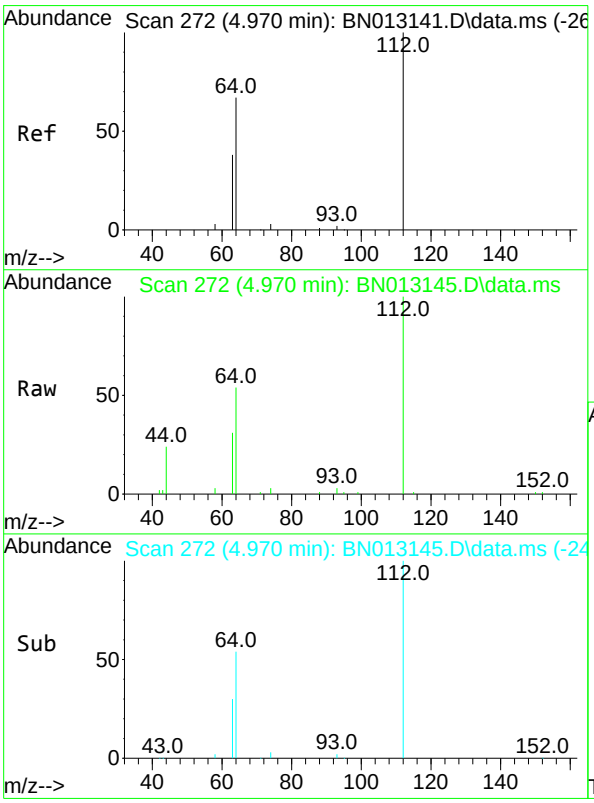


#3
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.032 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion: 42 Resp: 11976

Ion	Ratio	Lower	Upper
42	100		
74	99.7	64.4	96.6#
44	18.3	2.8	4.2#

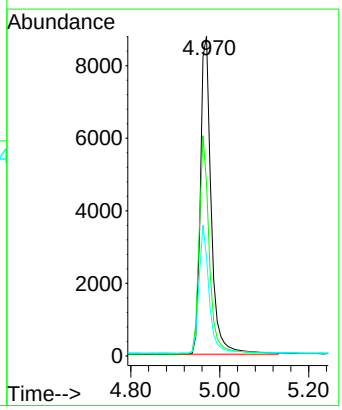




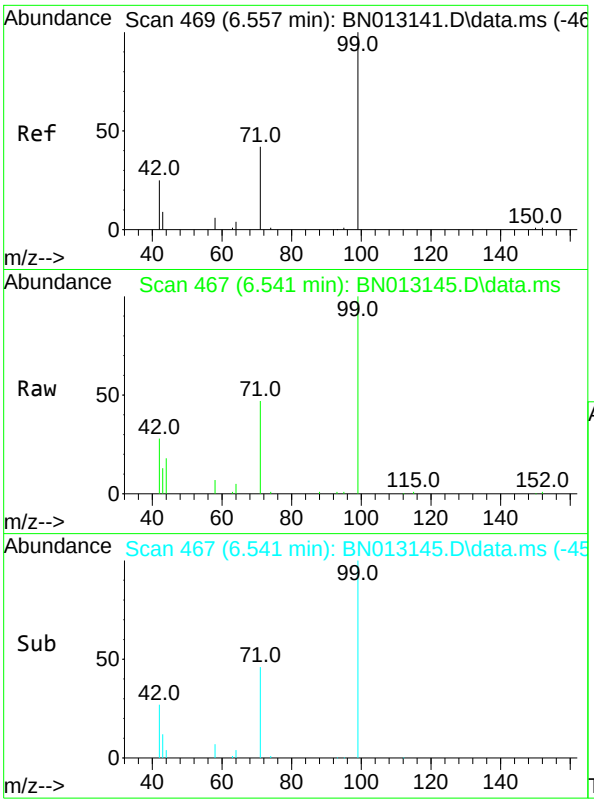
#4
2-Fluorophenol
Concen: 4.51 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:112 Resp: 14801

Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.5	74.3
63	37.9	32.0	48.0



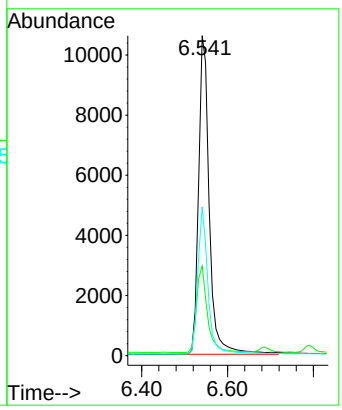
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

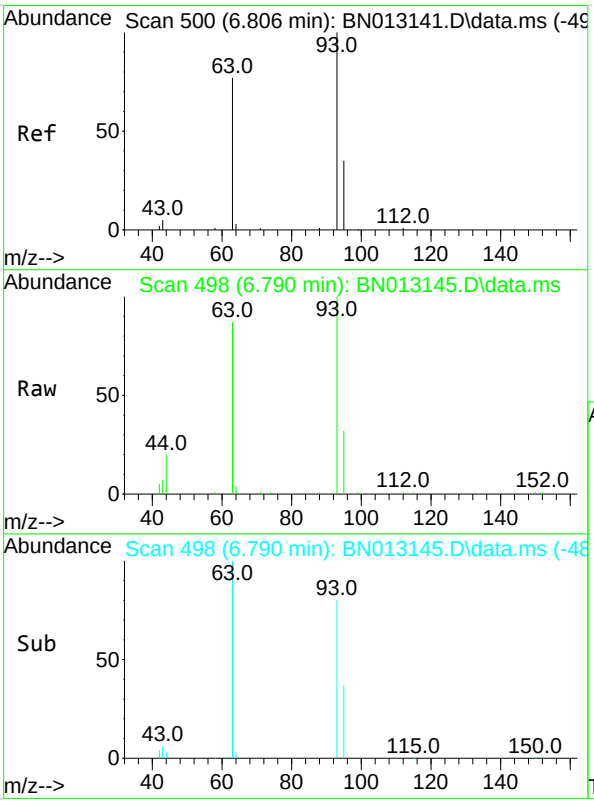


#5
Phenol-d6
Concen: 4.89 ng
RT: 6.541 min Scan# 467
Delta R.T. -0.016 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion: 99 Resp: 18388

Ion	Ratio	Lower	Upper
99	100		
42	27.5	22.4	33.6
71	44.0	37.8	56.6

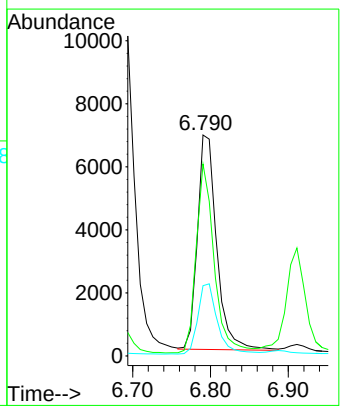




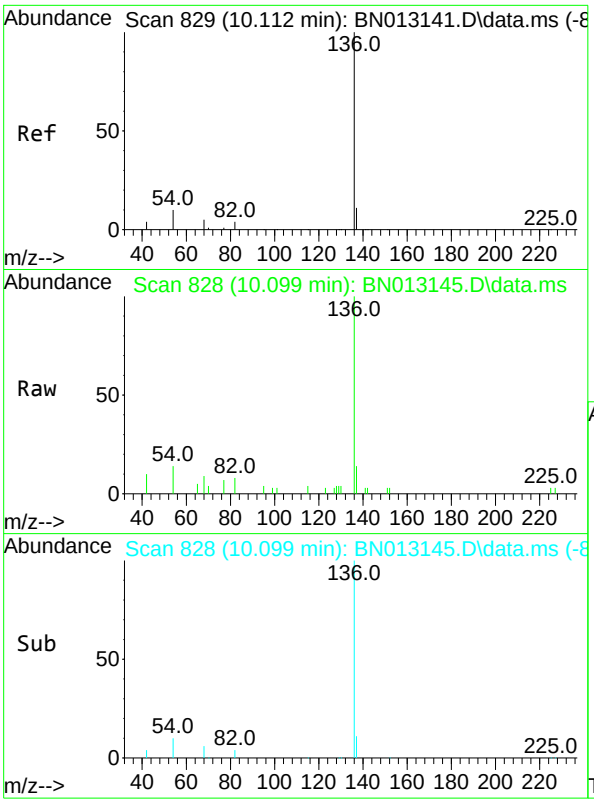
#6
bis(2-Chloroethyl)ether
Concen: 4.63 ng
RT: 6.790 min Scan# 498
Delta R.T. -0.016 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion: 93 Resp: 11746

Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.1	94.7
95	32.9	26.1	39.1



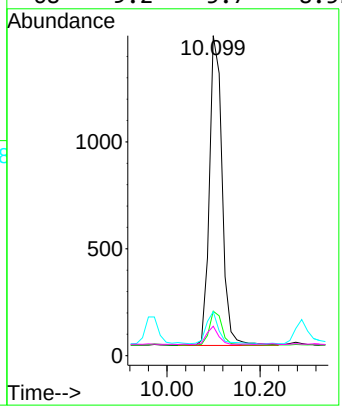
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

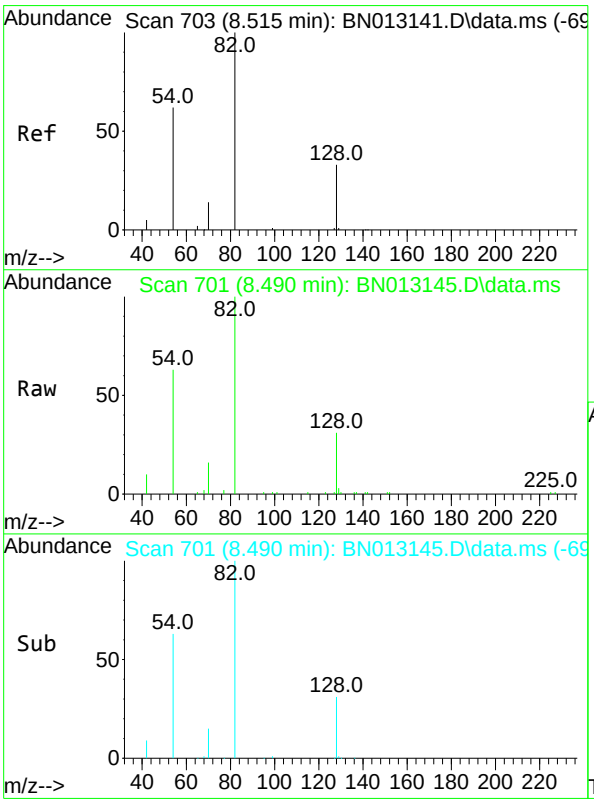


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:136 Resp: 2759

Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.6	15.8
54	13.8	8.6	12.8#
68	9.2	5.7	8.5#

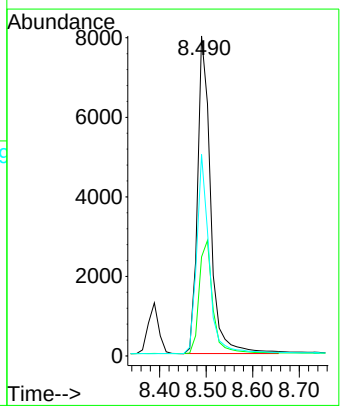




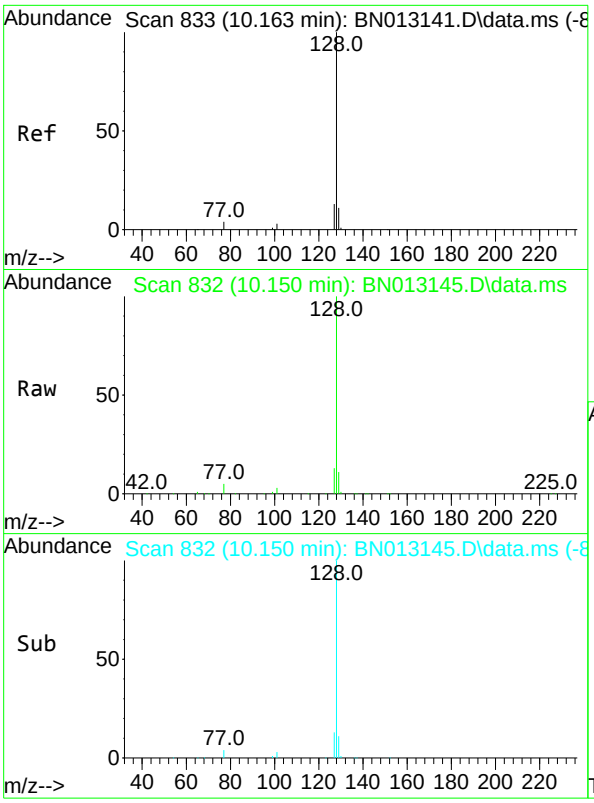
#8
Nitrobenzene-d5
Concen: 5.36 ng
RT: 8.490 min Scan# 701
Delta R.T. -0.025 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion: 82 Resp: 15685

Ion	Ratio	Lower	Upper
82	100		
128	31.0	30.6	46.0
54	63.0	48.3	72.5



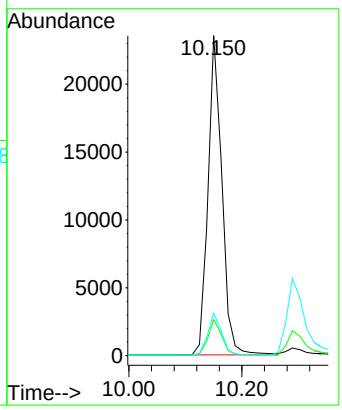
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

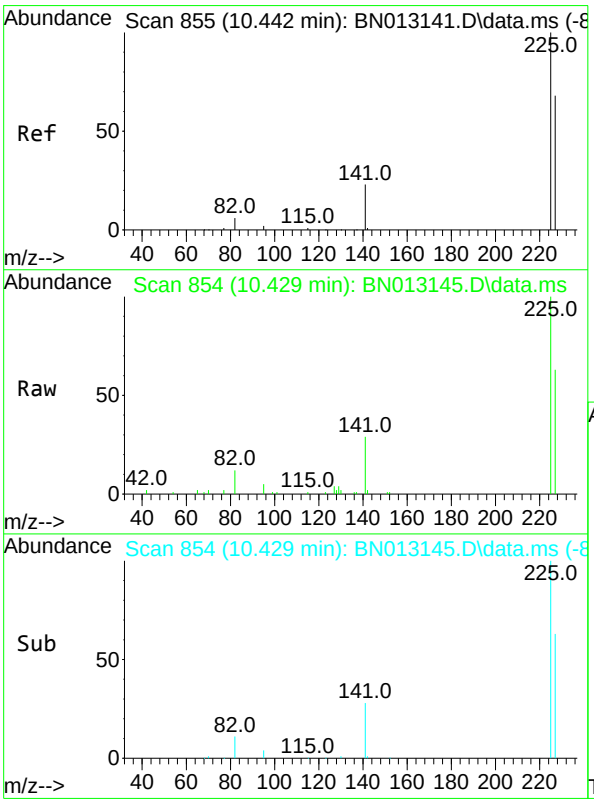


#9
Naphthalene
Concen: 4.75 ng
RT: 10.150 min Scan# 832
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:128 Resp: 40062

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.8
127	13.3	12.2	18.4

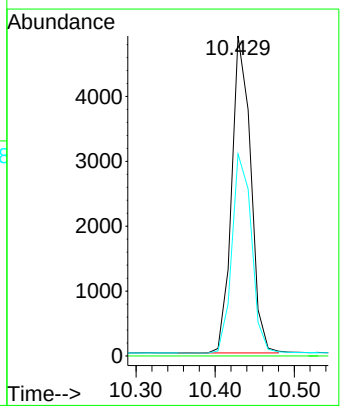


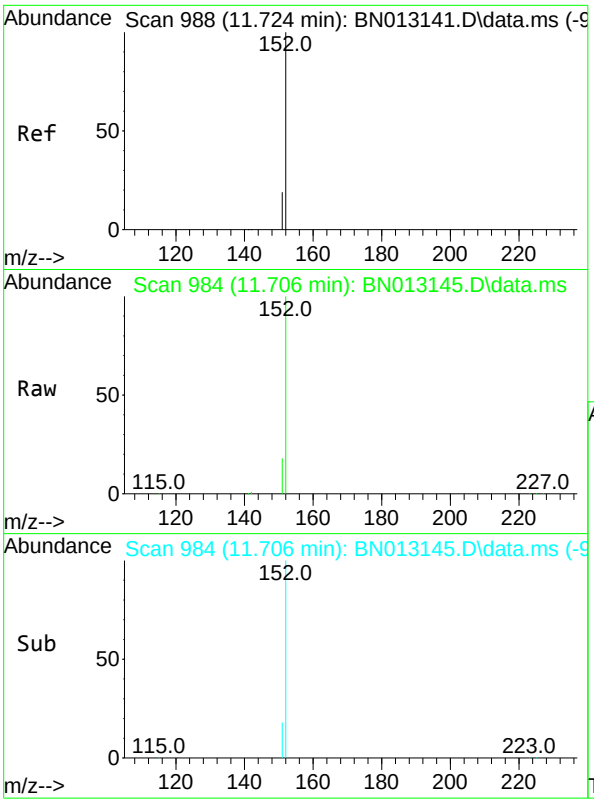


#10
Hexachlorobutadiene
Concen: 4.48 ng
RT: 10.429 min Scan# 854
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:225 Resp: 8185

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.0	76.6

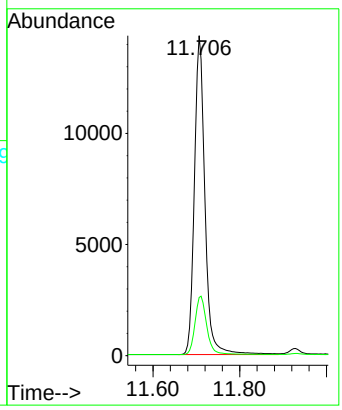




#11
2-Methylnaphthalene-d10
Concen: 4.88 ng
RT: 11.706 min Scan# 984
Delta R.T. -0.018 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:152 Resp: 24283

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1



Instrument :
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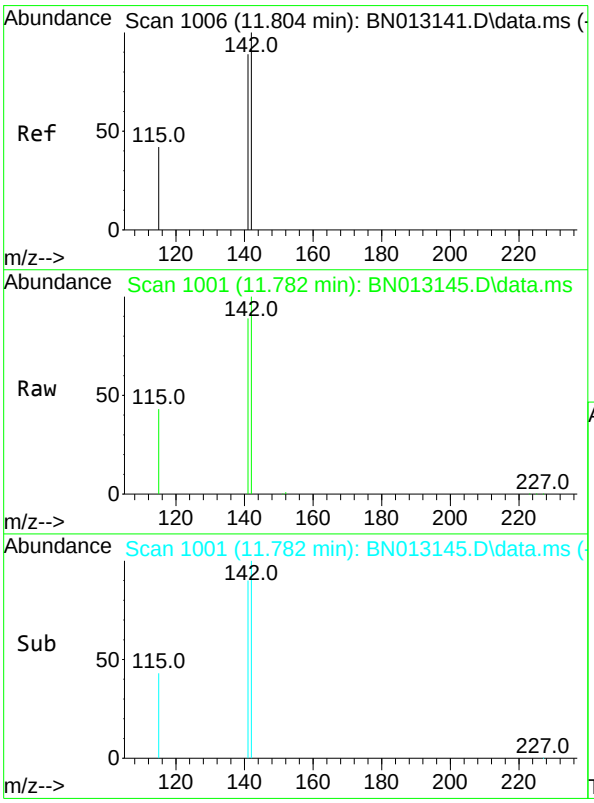
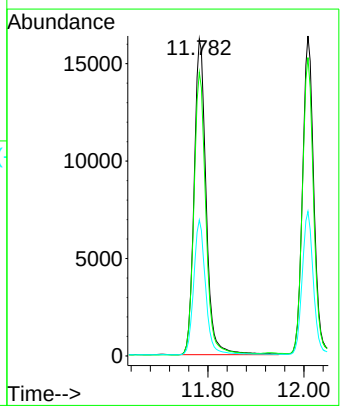


#12
2-Methylnaphthalene
Concen: 4.85 ng
RT: 11.782 min Scan# 1001
Delta R.T. -0.022 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:142 Resp: 28104

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.4	104.2
115	42.9	35.7	53.5



Instrument :
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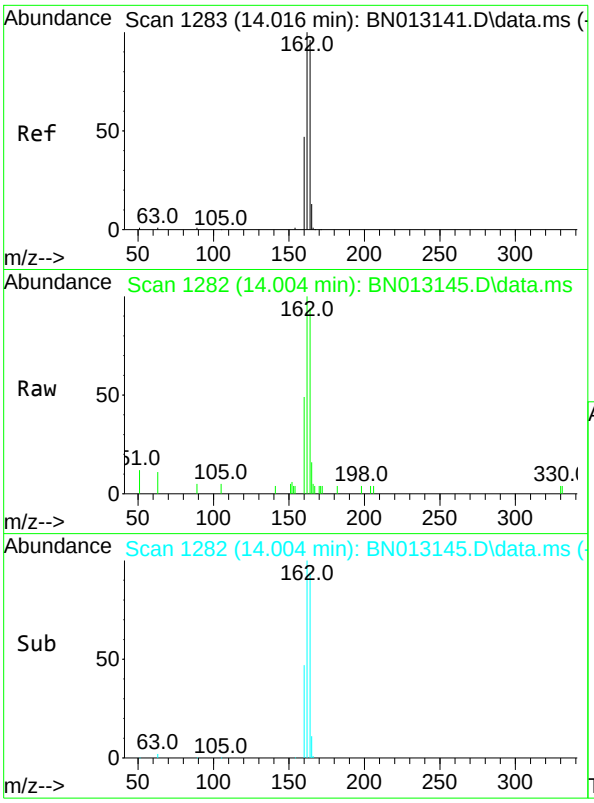
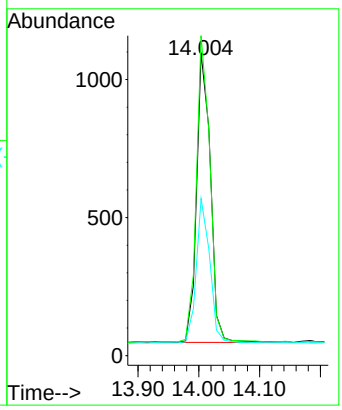
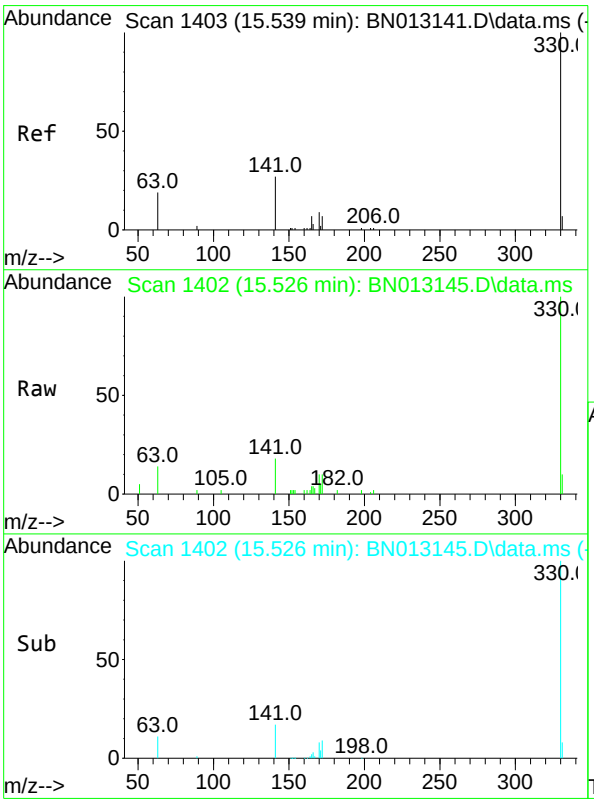


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:164 Resp: 1657

Ion	Ratio	Lower	Upper
164	100		
162	105.8	80.6	120.8
160	52.0	39.5	59.3

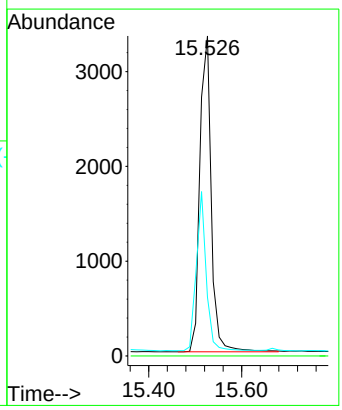


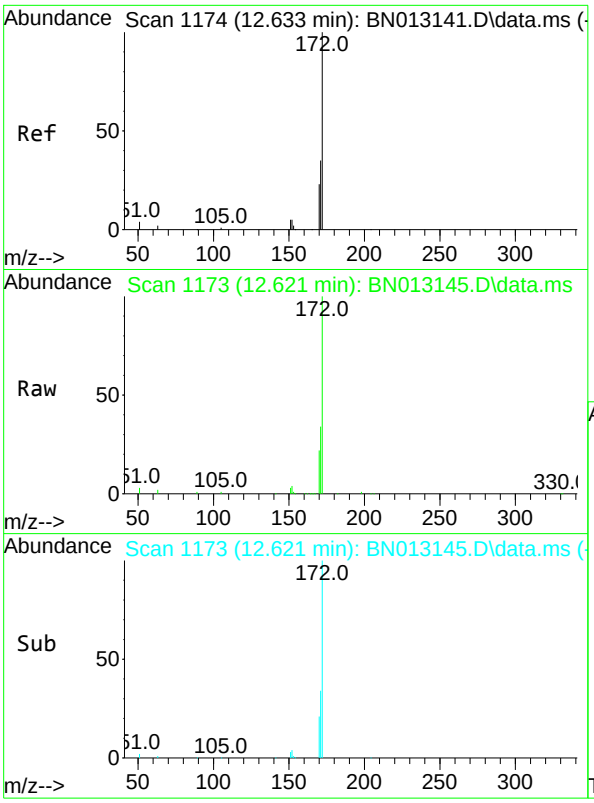


#14
2,4,6-Tribromophenol
Concen: 5.21 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:330 Resp: 5673

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	34.4	51.6

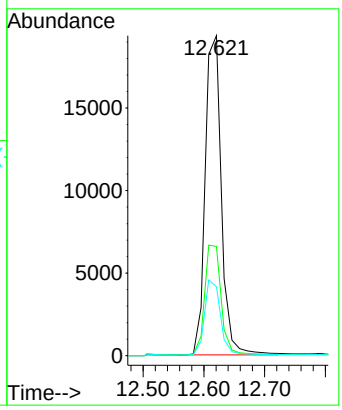




#15
2-Fluorobiphenyl
Concen: 4.91 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:172 Resp: 35865

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.4
170	21.6	20.0	30.0



Instrument :
BNA_N
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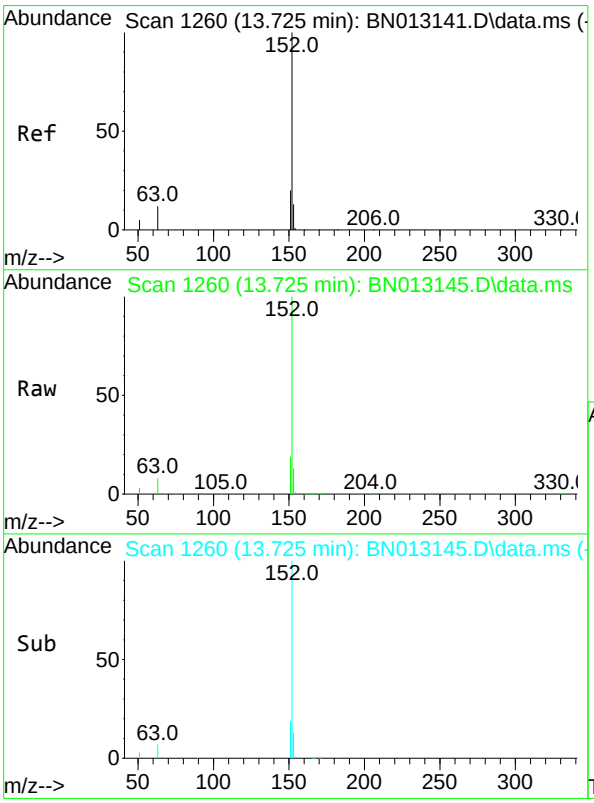
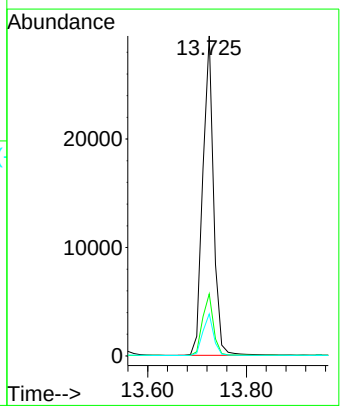


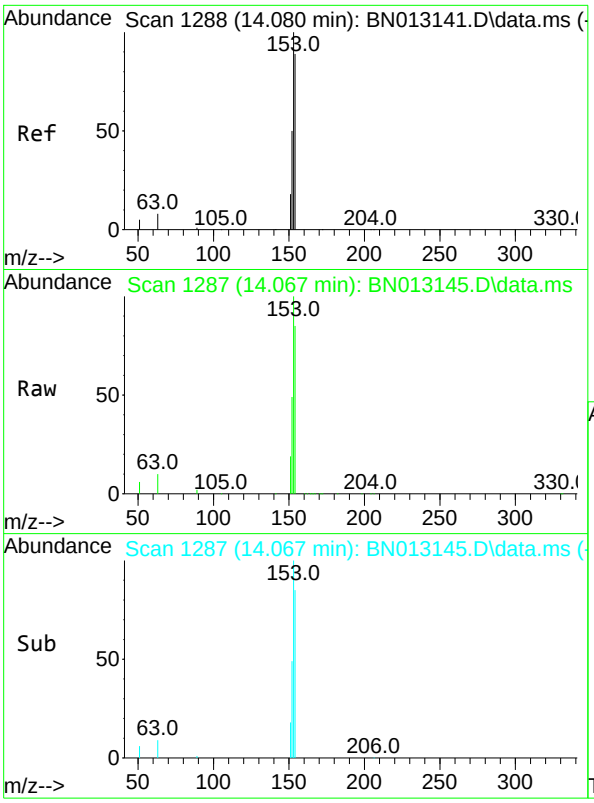
#16
Acenaphthylene
Concen: 5.06 ng
RT: 13.725 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:152 Resp: 44704

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.1	10.6	16.0



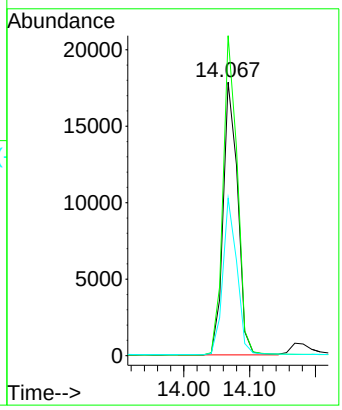
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

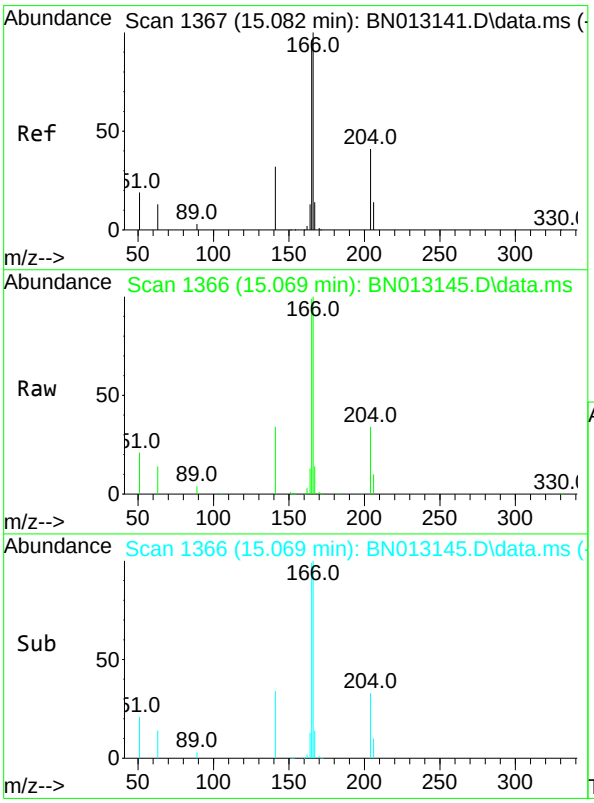


#17
Acenaphthene
Concen: 4.90 ng
RT: 14.067 min Scan# 1287
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:154 Resp: 27321

Ion	Ratio	Lower	Upper
154	100		
153	115.1	83.6	125.4
152	55.6	43.9	65.9

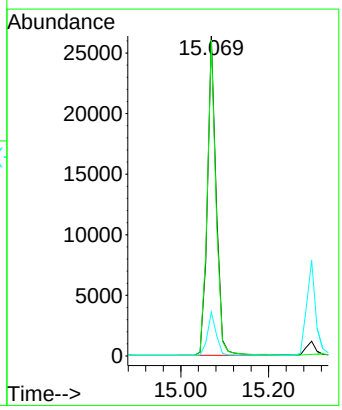




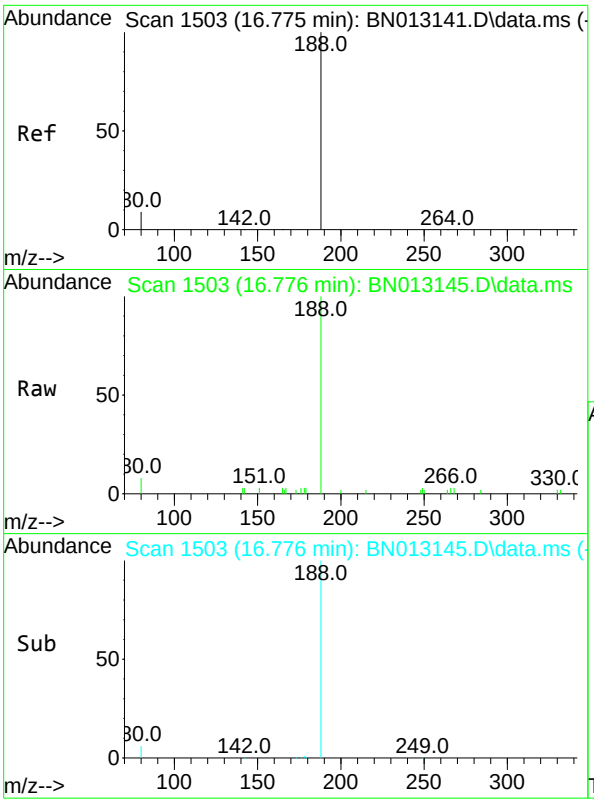
#18
Fluorene
Concen: 4.91 ng
RT: 15.069 min Scan# 1366
Delta R.T. -0.013 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:166 Resp: 36490

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	13.5	10.7	16.1



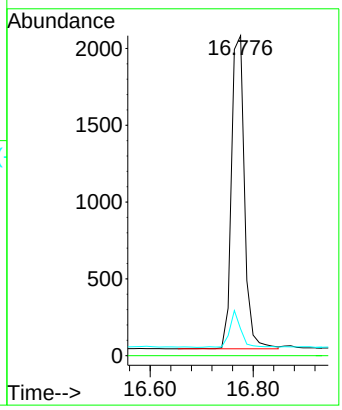
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

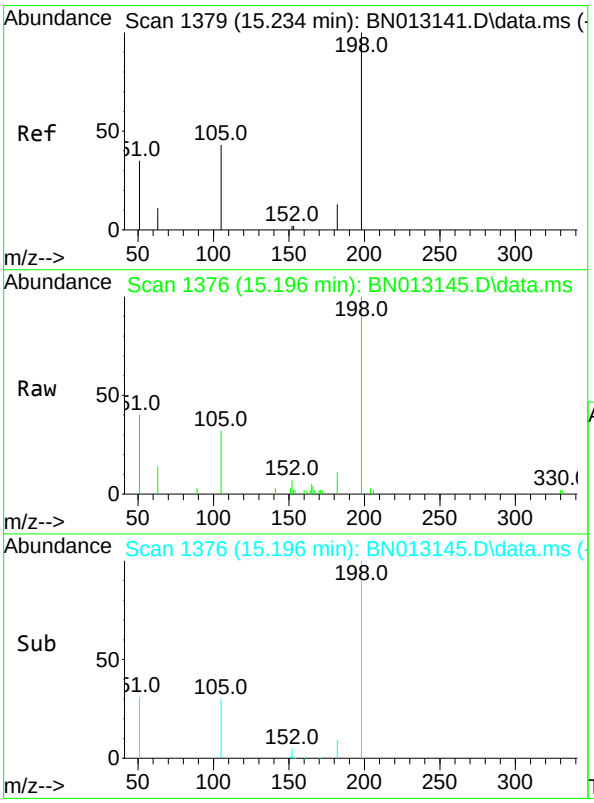


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.776 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:188 Resp: 3576

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	5.0	7.4#

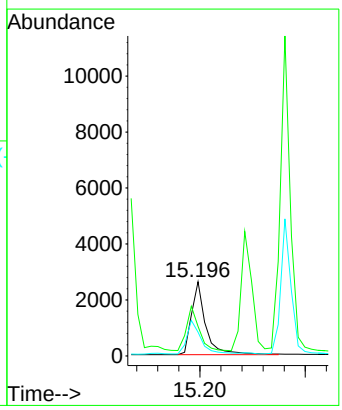




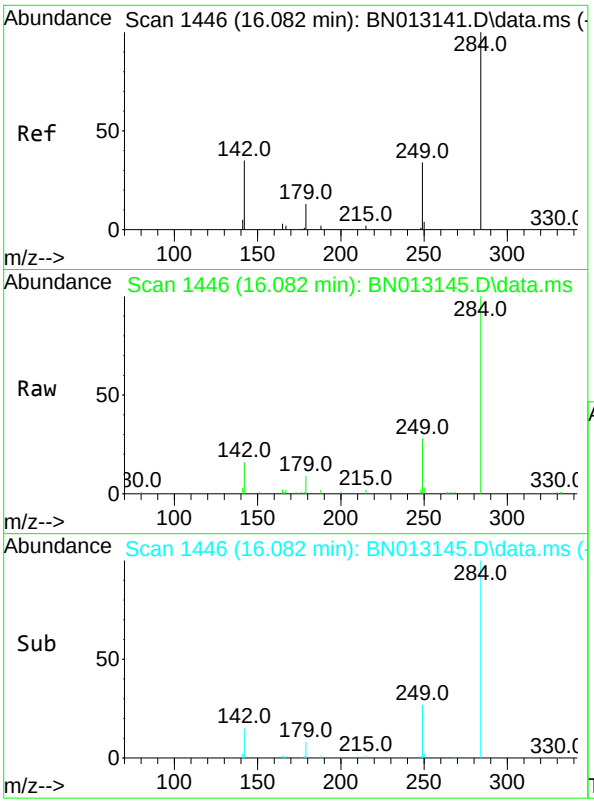
#20
4,6-Dinitro-2-methylphenol
Concen: 7.19 ng
RT: 15.196 min Scan# 1376
Delta R.T. -0.038 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:198 Resp: 4866

Ion	Ratio	Lower	Upper
198	100		
51	39.9	43.5	65.3#
105	32.2	27.2	40.8



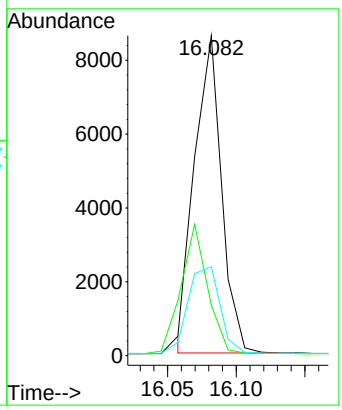
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

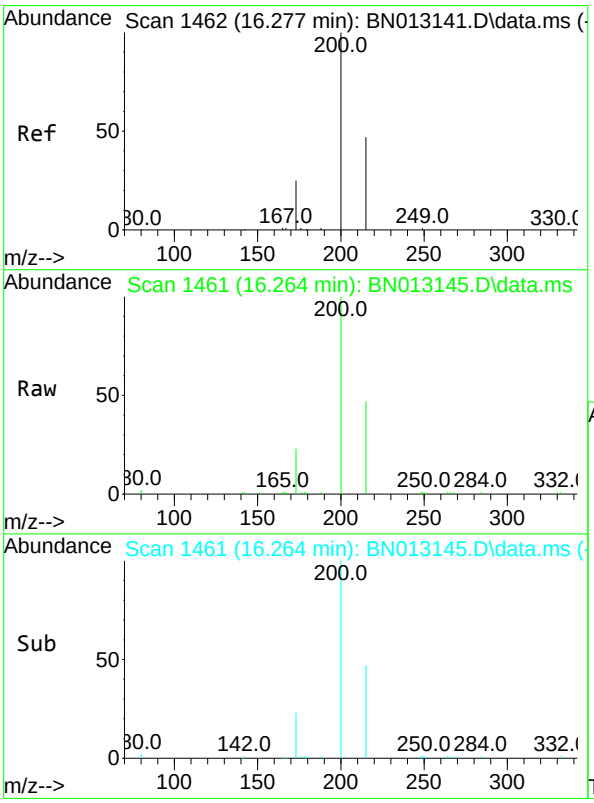


#22
Hexachlorobenzene
Concen: 4.47 ng
RT: 16.082 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:284 Resp: 11731

Ion	Ratio	Lower	Upper
284	100		
142	30.6	32.0	48.0#
249	30.6	27.0	40.6

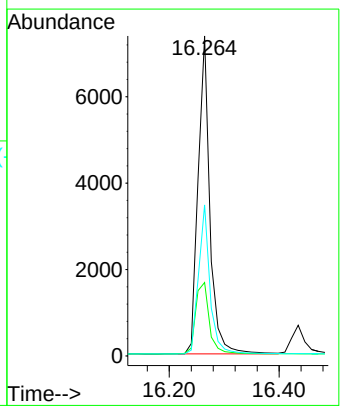




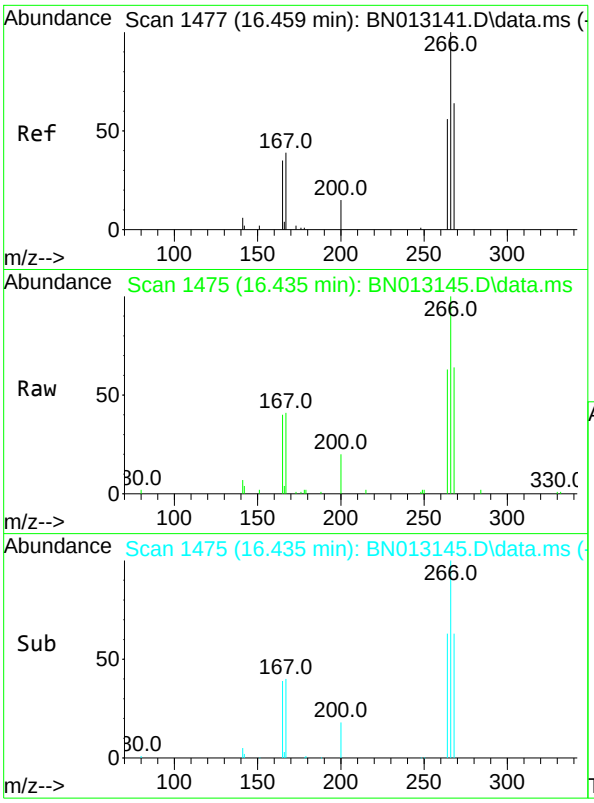
#23
Atrazine
Concen: 5.15 ng
RT: 16.264 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:200 Resp: 10970

Ion	Ratio	Lower	Upper
200	100		
173	22.9	22.8	34.2
215	47.2	38.1	57.1



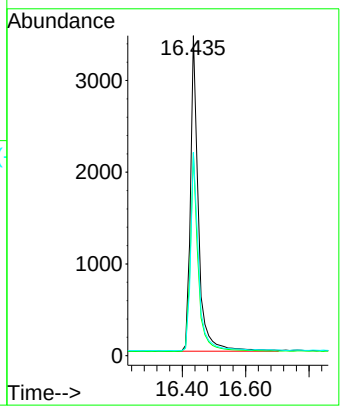
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

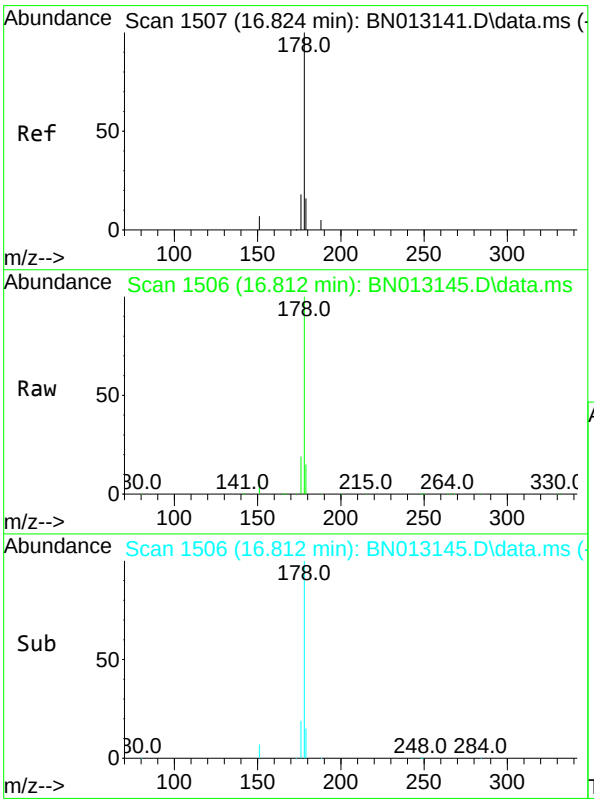


#24
Pentachlorophenol
Concen: 5.46 ng
RT: 16.435 min Scan# 1475
Delta R.T. -0.024 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:266 Resp: 6007

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.9	76.3
268	62.9	51.5	77.3

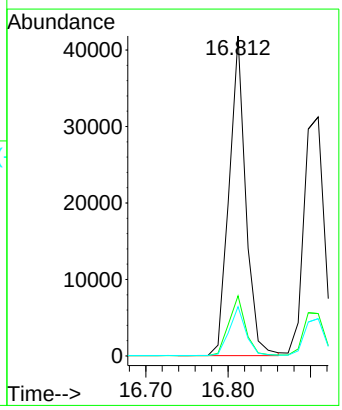




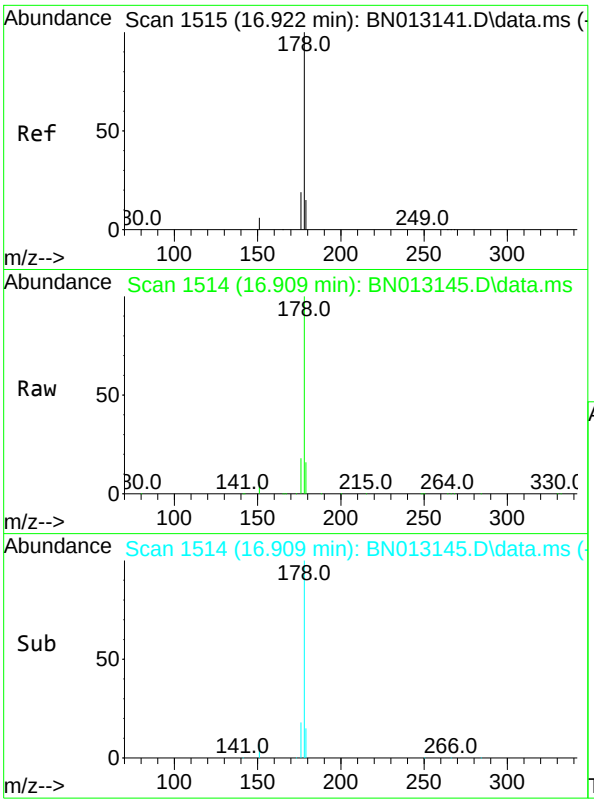
#25
Phenanthrene
Concen: 4.97 ng
RT: 16.812 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:178 Resp: 58431

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.3	12.4	18.6



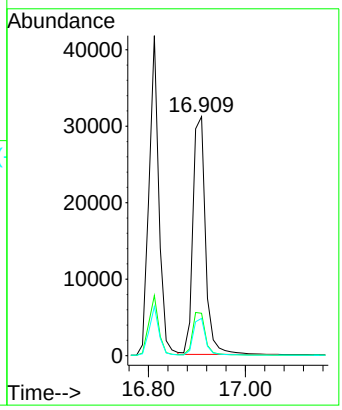
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

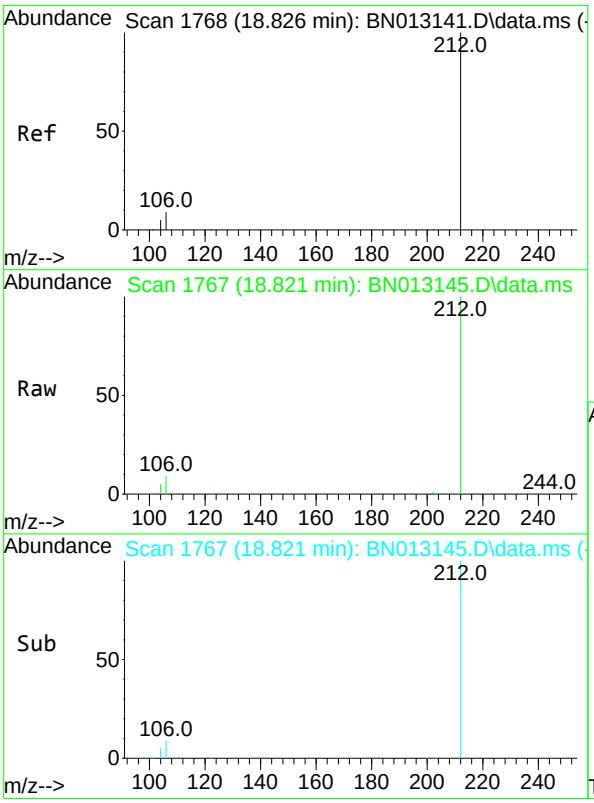


#26
Anthracene
Concen: 5.36 ng
RT: 16.909 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:178 Resp: 55954

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.1	12.5	18.7

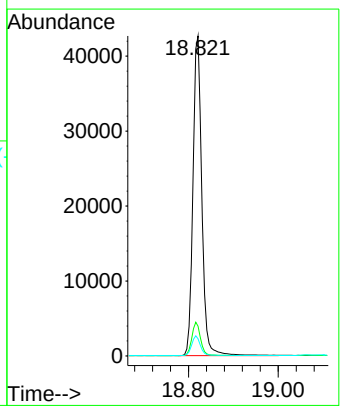




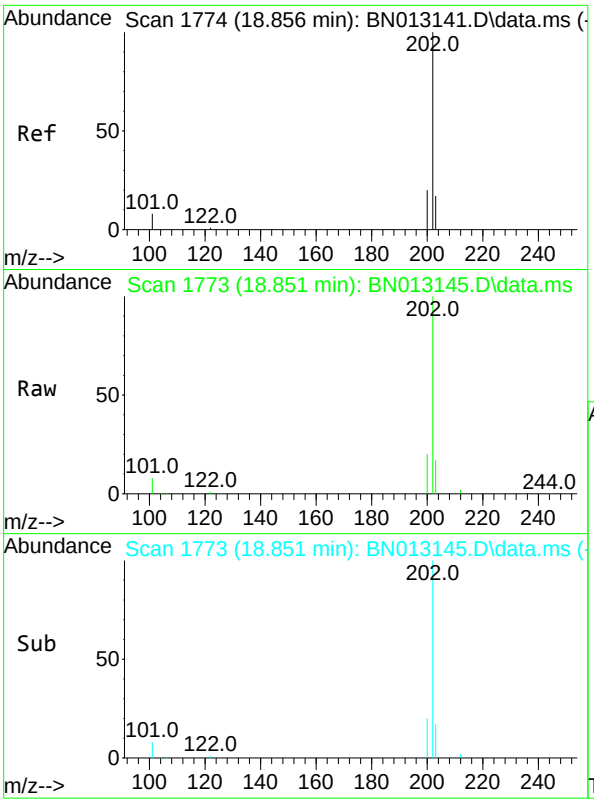
#27
Fluoranthene-d10
Concen: 4.91 ng
RT: 18.821 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:212 Resp: 58910

Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.8	10.2#
104	6.0	4.1	6.1



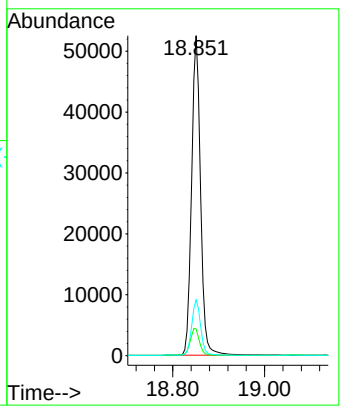
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

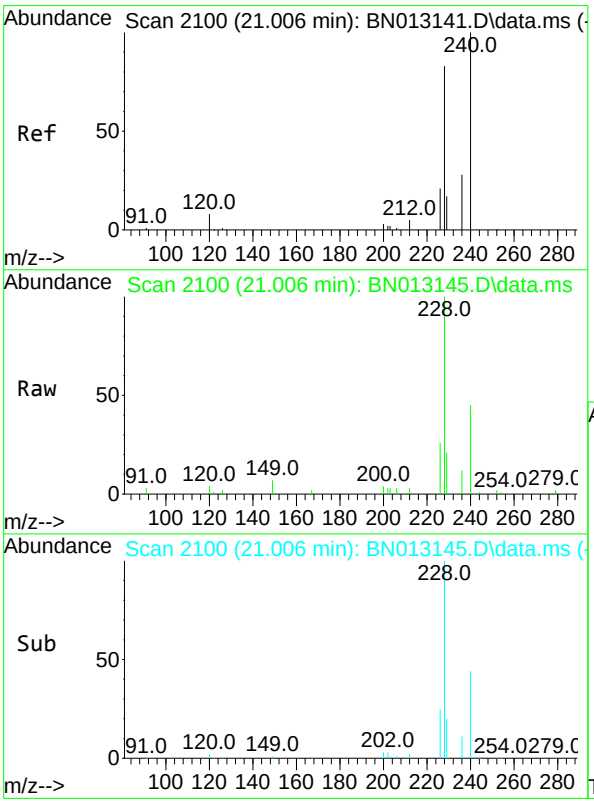


#28
Fluoranthene
Concen: 4.90 ng
RT: 18.851 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:202 Resp: 70950

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.8	8.6#
203	17.3	13.7	20.5

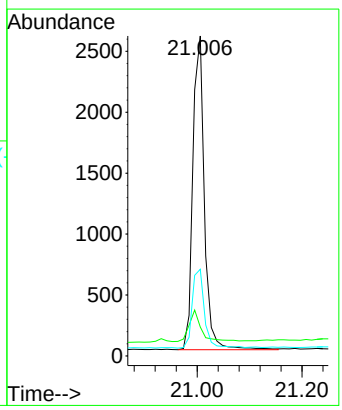


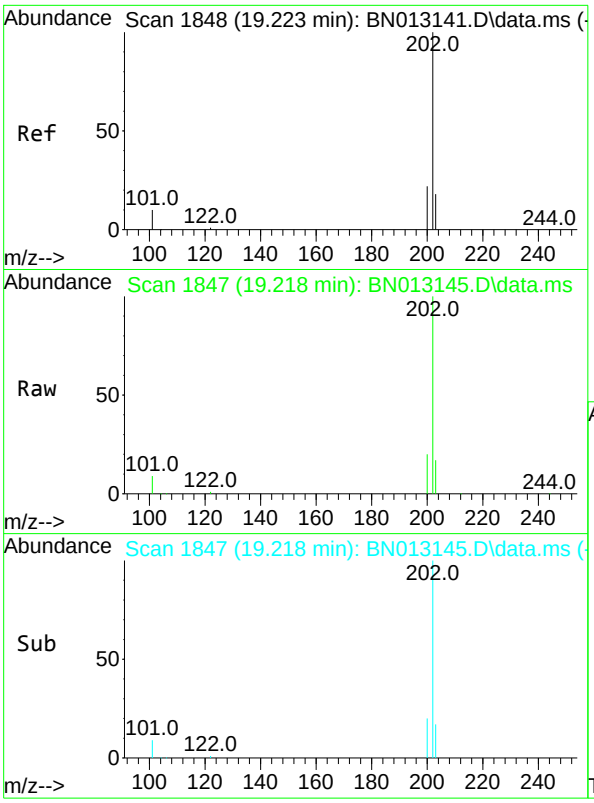


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:240 Resp: 3947

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.3	7.9#
236	27.1	21.8	32.8

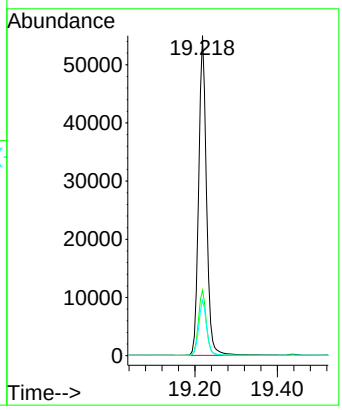




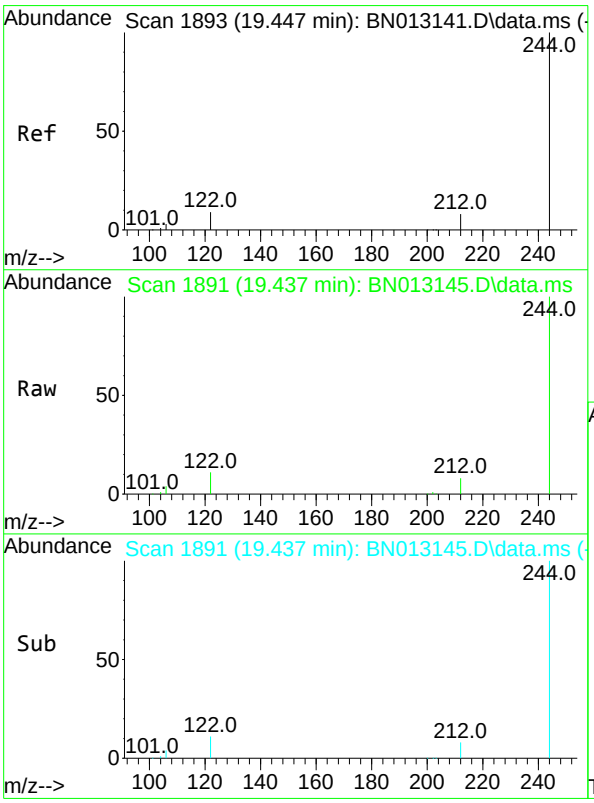
#30
Pyrene
Concen: 4.88 ng
RT: 19.218 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:202 Resp: 72238

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	13.8	20.8



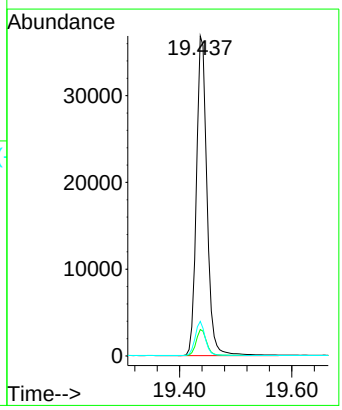
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



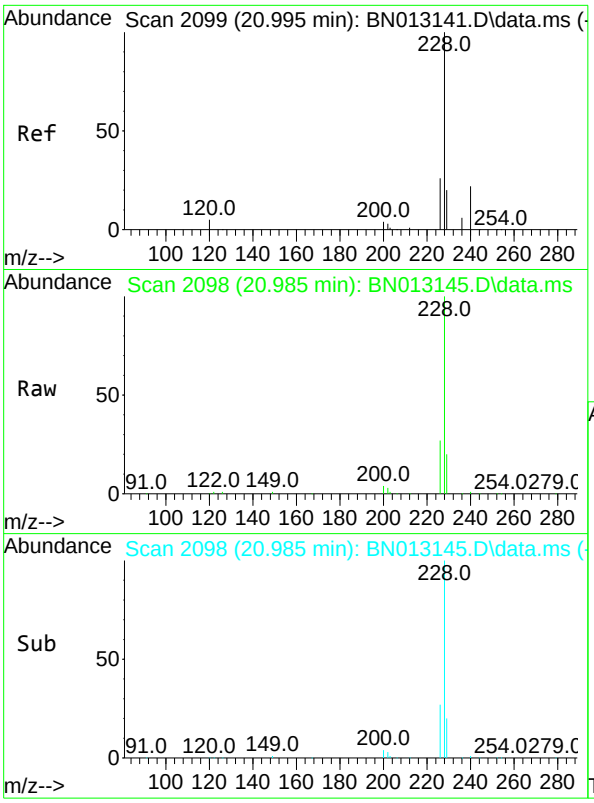
#31
Terphenyl-d14
Concen: 4.90 ng
RT: 19.437 min Scan# 1891
Delta R.T. -0.010 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:244 Resp: 48202

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.3	10.9
122	10.8	7.3	10.9



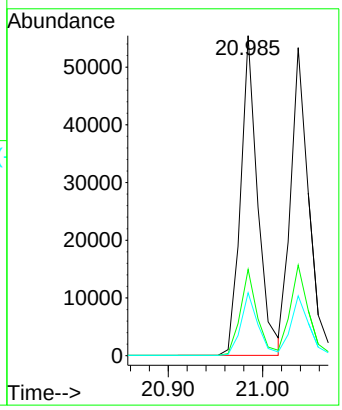
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

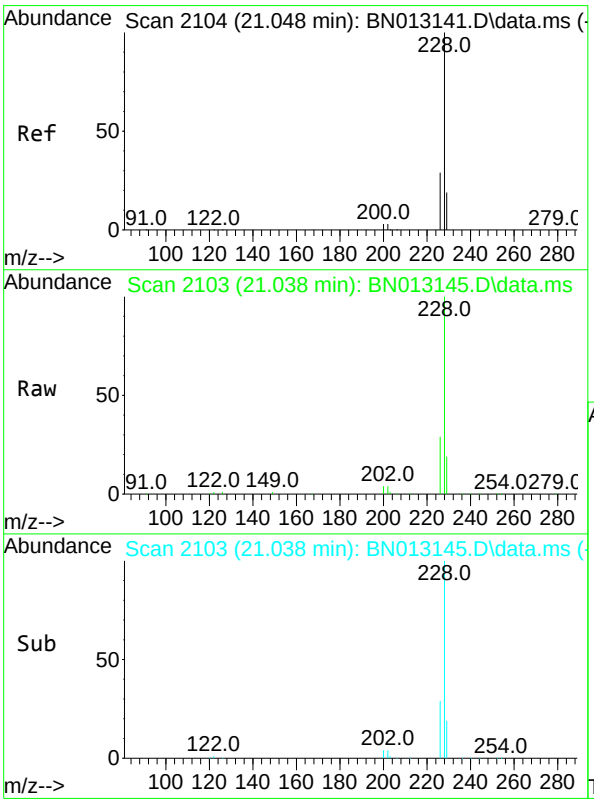


#32
Benzo(a)anthracene
Concen: 4.84 ng
RT: 20.985 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:228 Resp: 69982

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.6	15.7	23.5

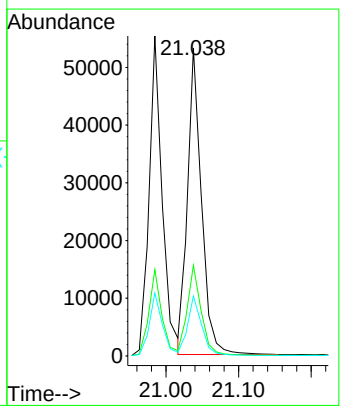




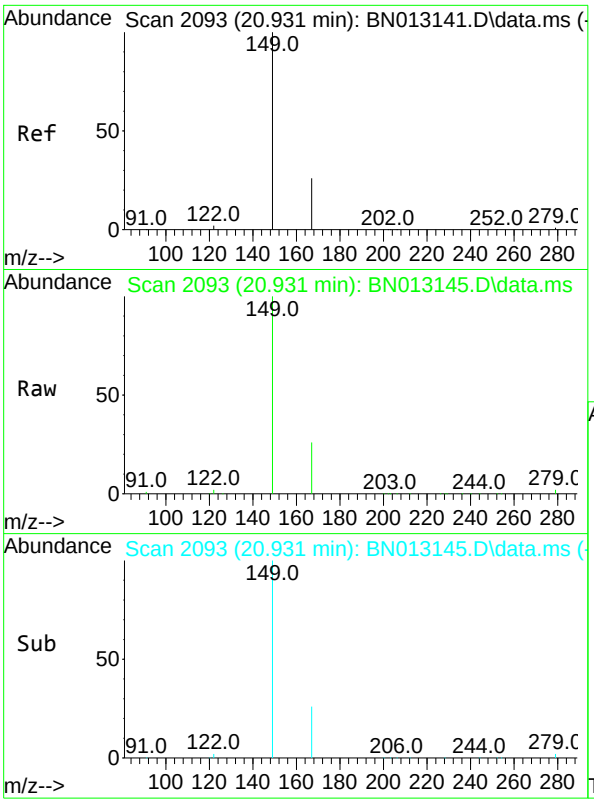
#33
Chrysene
Concen: 4.71 ng
RT: 21.038 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:228 Resp: 70912

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.4	15.7	23.5



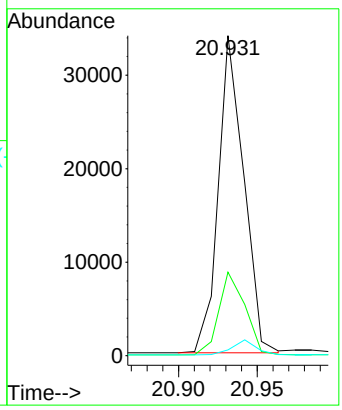
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

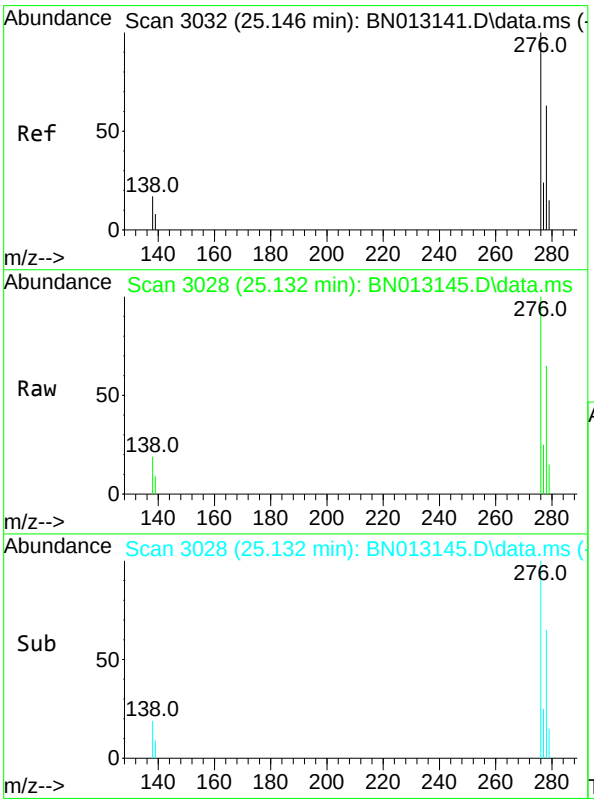


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.31 ng
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:149 Resp: 38007

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.2	34.8
279	4.4	3.9	5.9

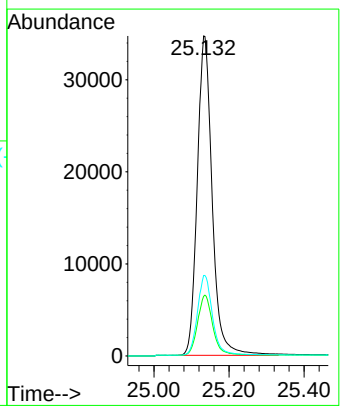




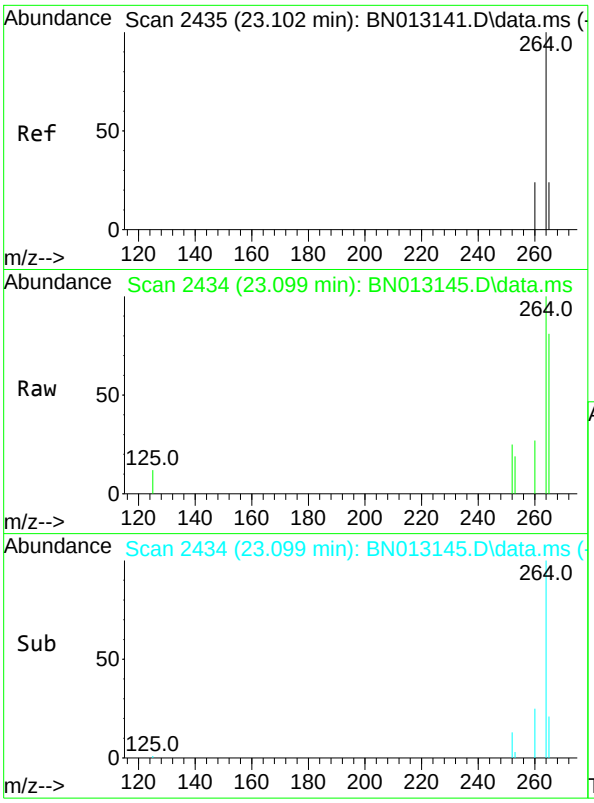
#35
Indeno(1,2,3-cd)pyrene
Concen: 4.81 ng
RT: 25.132 min Scan# 3028
Delta R.T. -0.014 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:276 Resp: 96128

Ion	Ratio	Lower	Upper
276	100		
138	19.1	13.3	19.9
277	25.0	20.2	30.4



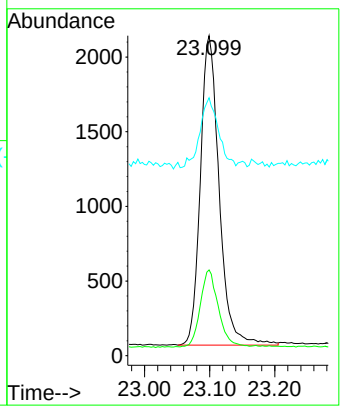
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

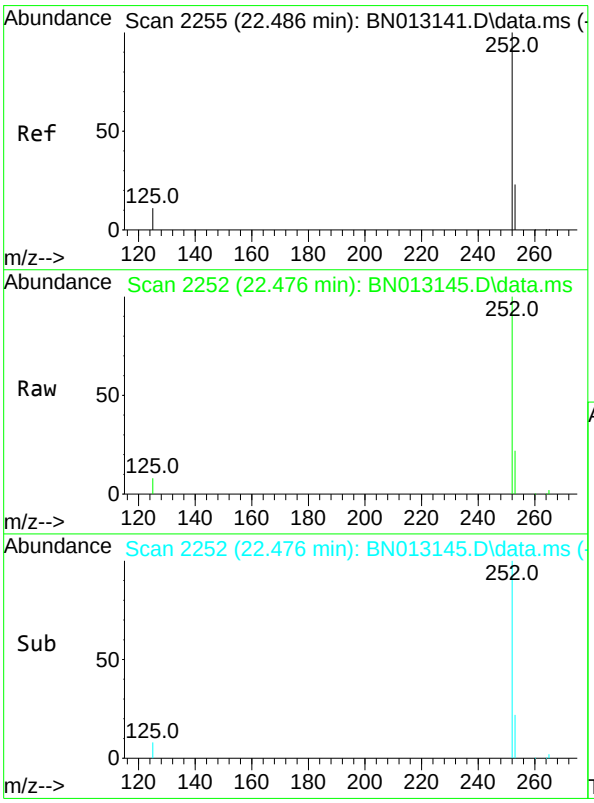


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:264 Resp: 4150

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.8	29.6
265	80.6	51.4	77.0#

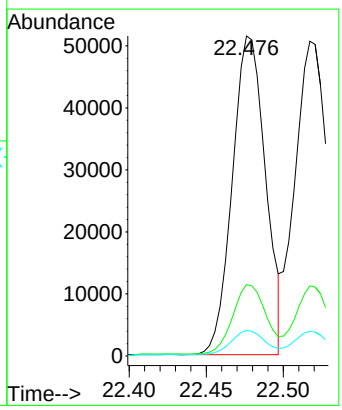




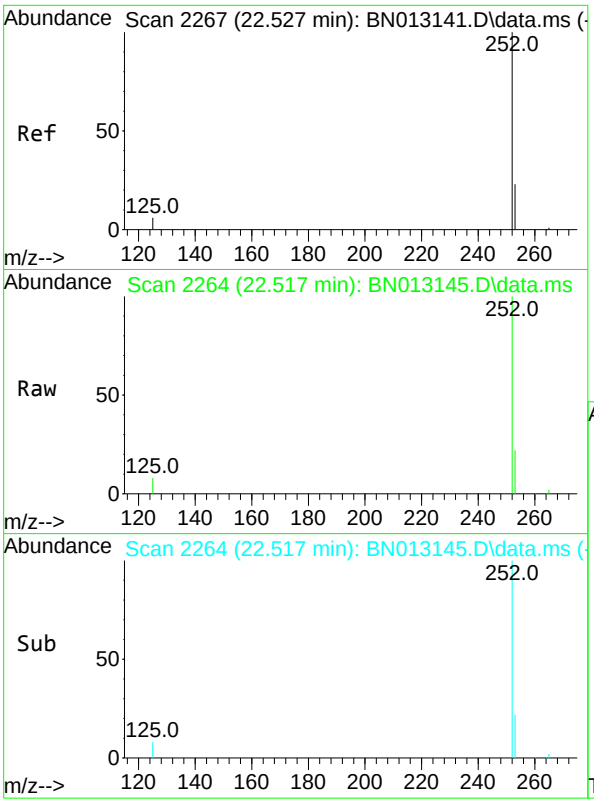
#37
Benzo(b)fluoranthene
Concen: 4.87 ng
RT: 22.476 min Scan# 2252
Delta R.T. -0.010 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:252 Resp: 76725

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.1	30.1
125	8.0	7.2	10.8



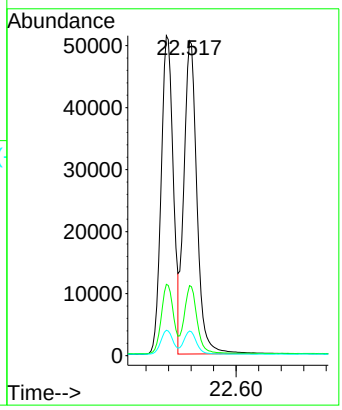
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

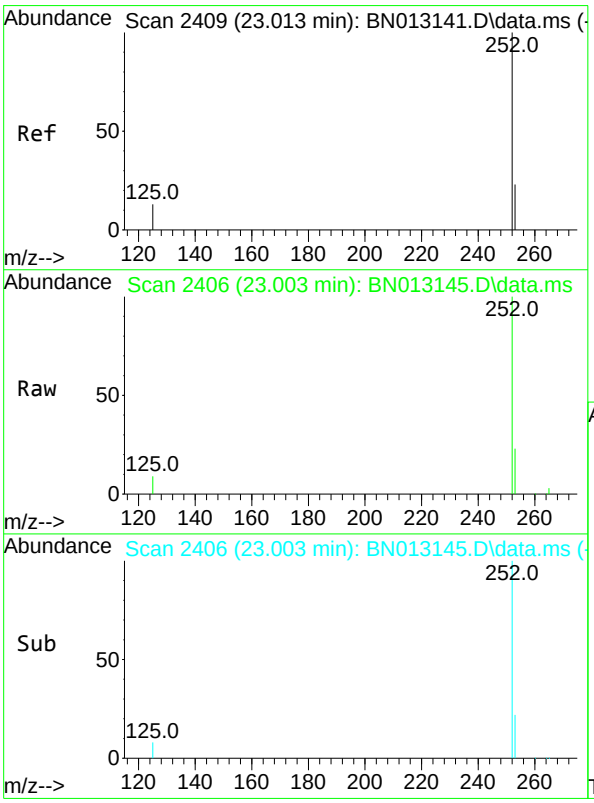


#38
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 22.517 min Scan# 2264
Delta R.T. -0.010 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:252 Resp: 80841

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.8	29.8
125	7.8	7.1	10.7

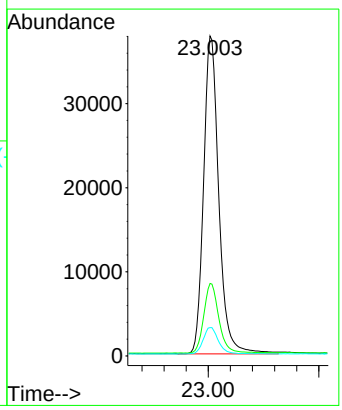




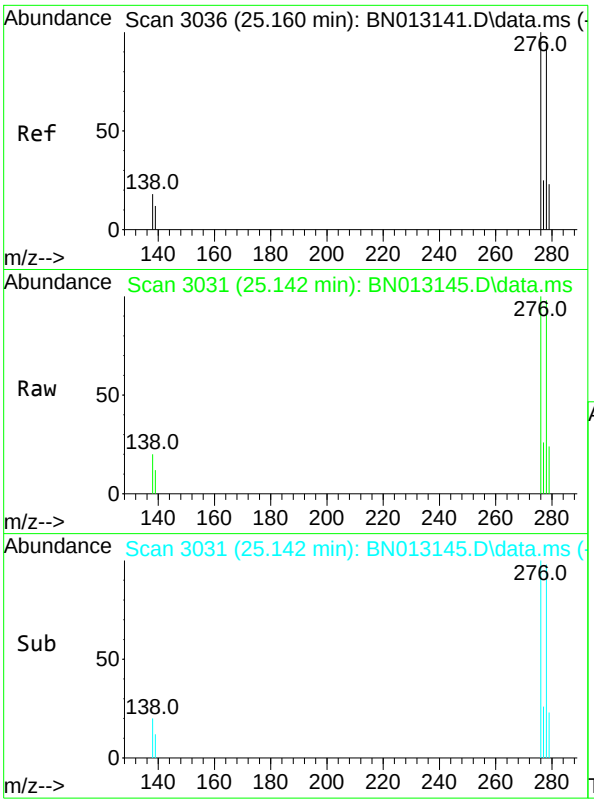
#39
Benzo(a)pyrene
Concen: 4.80 ng
RT: 23.003 min Scan# 2406
Delta R.T. -0.010 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:252 Resp: 72229

Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.3	31.9
125	8.9	8.3	12.5



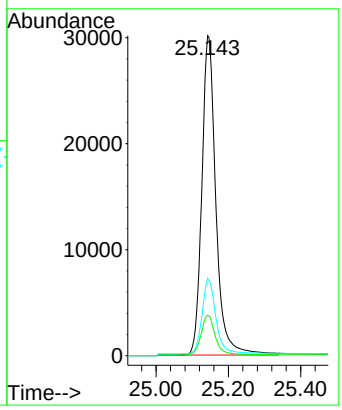
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

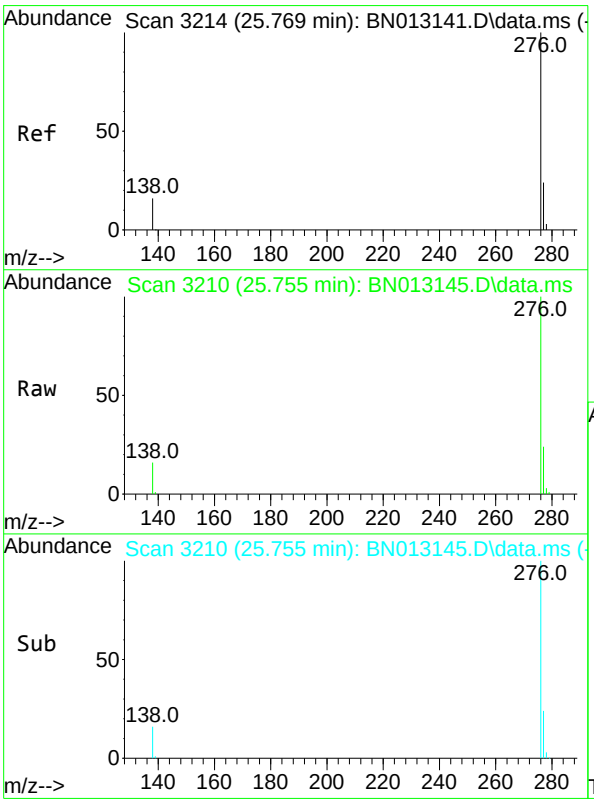


#40
Dibenzo(a,h)anthracene
Concen: 4.96 ng
RT: 25.142 min Scan# 3031
Delta R.T. -0.017 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:278 Resp: 81457

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.3	13.9
279	24.2	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 4.68 ng
RT: 25.755 min Scan# 3210
Delta R.T. -0.014 min
Lab File: BN013145.D
Acq: 15 Dec 2020 14:49

Tgt Ion:276 Resp: 81231

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	16.1	11.7	17.5