Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013258.D
Acq On : 22 Dec 2020 04:18
Operator : CG/JU
Sample : L5123-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT180D-20201214

Quant Time: Dec 22 05:25:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.338	152	718	0.40	ng		0.00
7) Naphthalene-d8	10.112	136	2339	0.40	ng	#	0.00
13) Acenaphthene-d10	13.991	164	1546	0.40	ng		-0.01
19) Phenanthrene-d10	16.775	188	3585	0.40	ng	#	0.00
29) Chrysene-d12	20.992	240	3745	0.40	ng	#	-0.01
36) Perylene-d12	23.082	264	4260	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	244	0.08	ng		0.00
5) Phenol-d6	6.565	99	139	0.05	ng		0.02
8) Nitrobenzene-d5	8.540	82	579	0.24	ng		0.01
11) 2-Methylnaphthalene-d10	11.724	152	923	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.539	330	223	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.621	172	1468	0.23	ng		-0.01
27) Fluoranthene-d10	18.813	212	4003	0.34	ng		0.00
31) Terphenyl-d14	19.429	244	3575	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	326	0.26	ng		87
3) n-Nitrosodimethylamine	3.206	42	137	0.07	ng	#	17
20) 4,6-Dinitro-2-methylph...	15.247	198	2	0.19	ng	#	1
21) 4-Bromophenyl-phenylether	16.045	248	170	0.24	ng	#	74
23) Atrazine	16.008	200	139	0.06	ng	#	1
32) Benzo(a)anthracene	20.982	228	370	0.03	ng	#	60
33) Chrysene	21.035	228	401	0.03	ng	#	76
34) Bis(2-ethylhexyl)phtha...	20.918	149	860	Below Cal			98
35) Indeno(1,2,3-cd)pyrene	25.136	276	508	0.03	ng	#	54
37) Benzo(b)fluoranthene	22.473	252	440	0.03	ng	#	1
38) Benzo(k)fluoranthene	22.518	252	457	0.03	ng	#	1
39) Benzo(a)pyrene	22.997	252	438	0.03	ng	#	1
40) Dibenzo(a,h)anthracene	25.146	278	365	0.02	ng	#	1
41) Benzo(g,h,i)perylene	25.749	276	626	0.04	ng	#	35

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

Quantitation Report (Not Reviewed)

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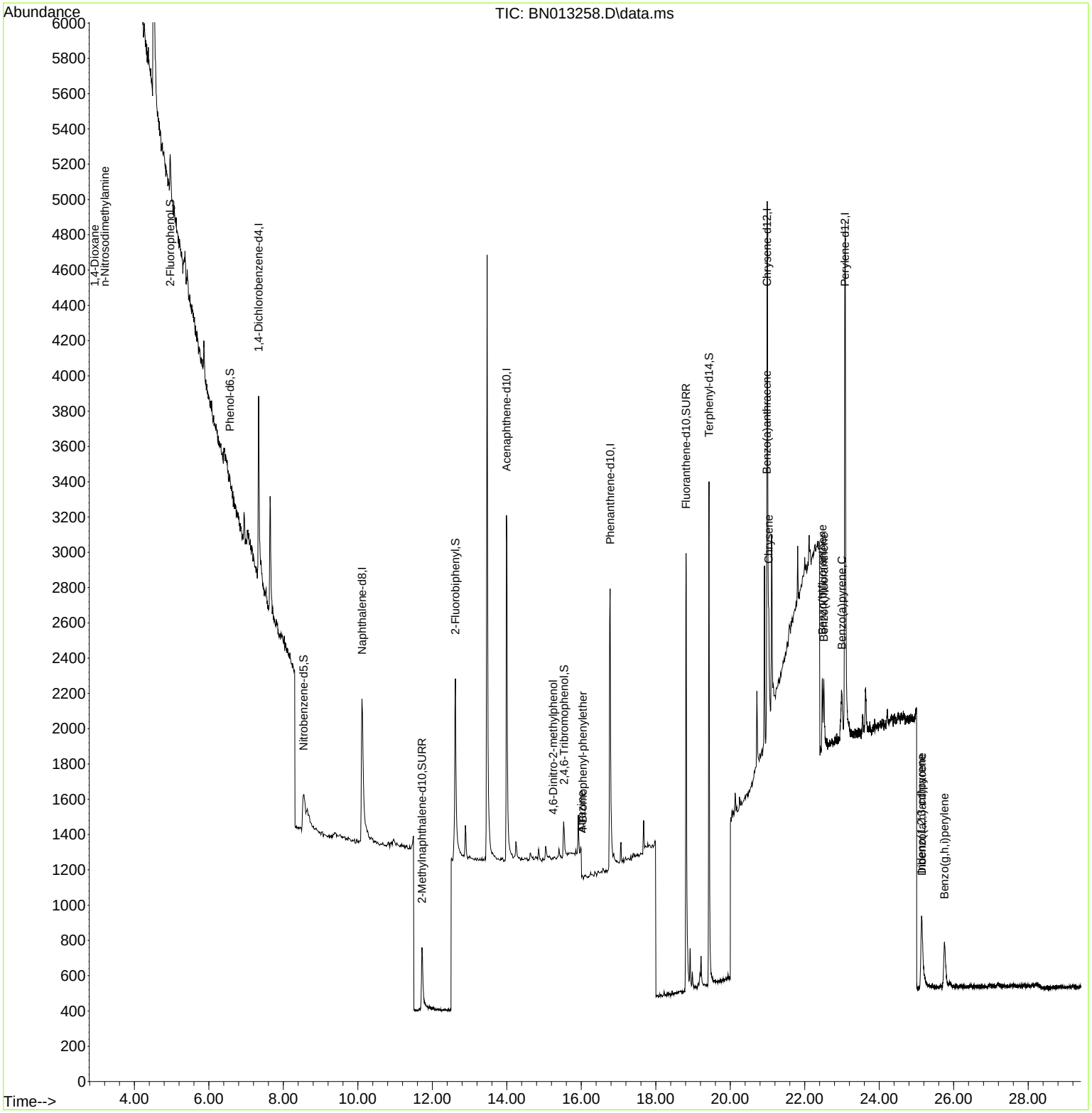
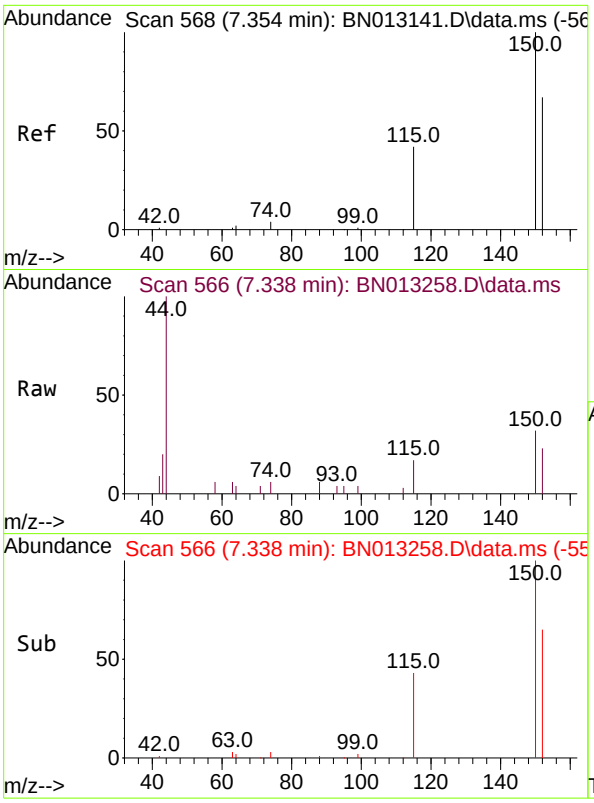
Quant Time: Dec 22 05:25:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration



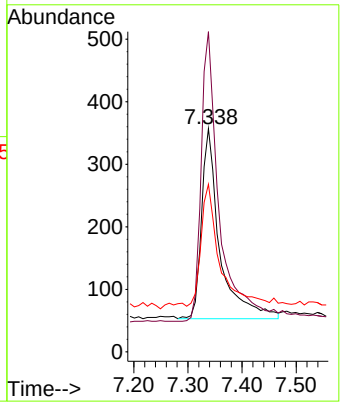
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

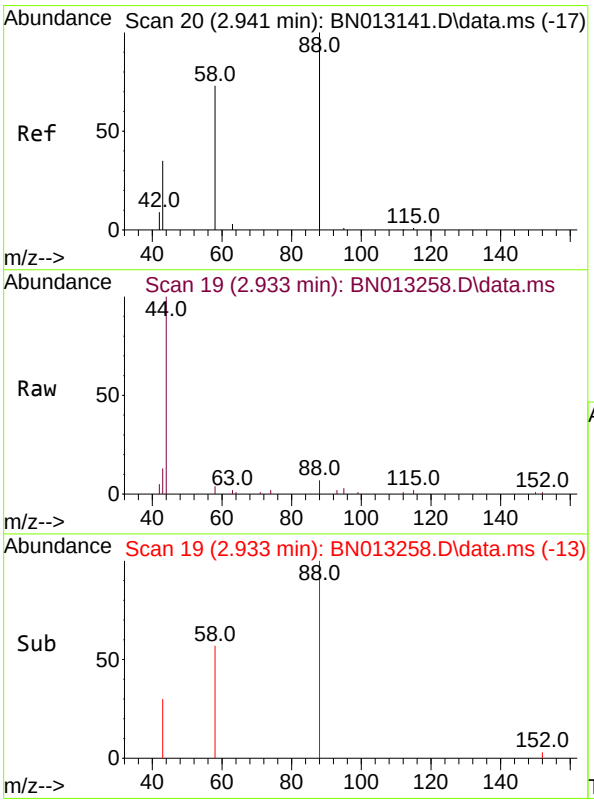


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:152 Resp: 718

Ion	Ratio	Lower	Upper
152	100		
150	143.4	116.6	174.8
115	75.1	52.9	79.3

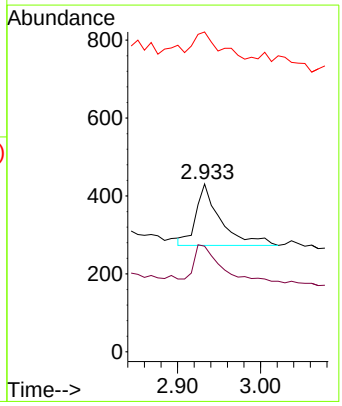


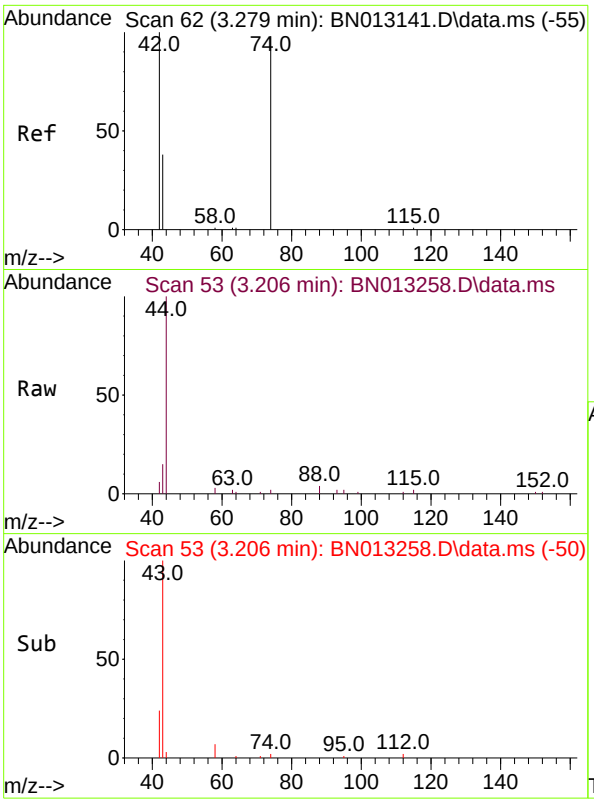


#2
1,4-Dioxane
Concen: 0.26 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion: 88 Resp: 326

Ion	Ratio	Lower	Upper
88	100		
58	88.7	59.4	89.2
43	44.2	32.3	48.5

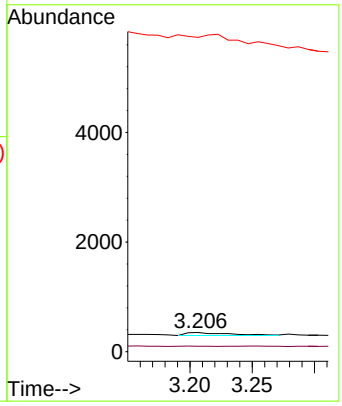




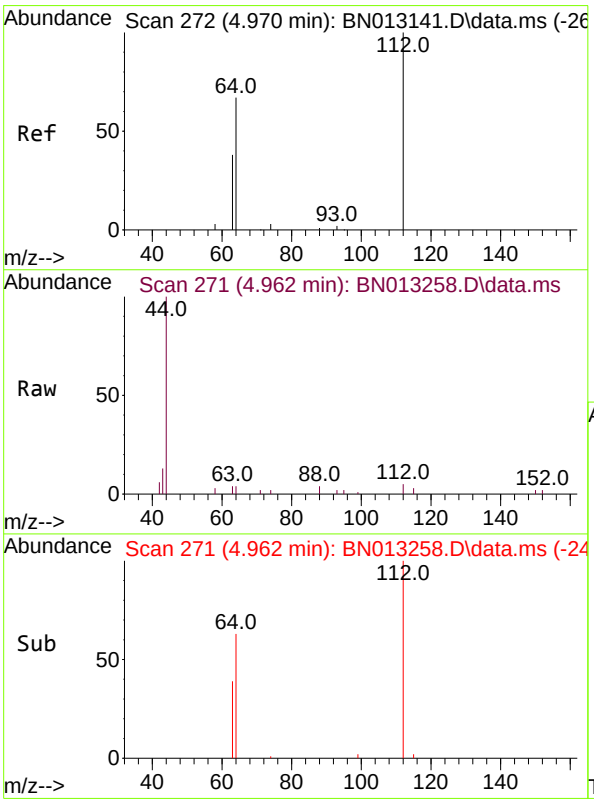
#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.206 min Scan# 53
Delta R.T. -0.073 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion: 42 Resp: 137

Ion	Ratio	Lower	Upper
42	100		
74	4.4	64.4	96.6#
44	0.0	2.8	4.2#



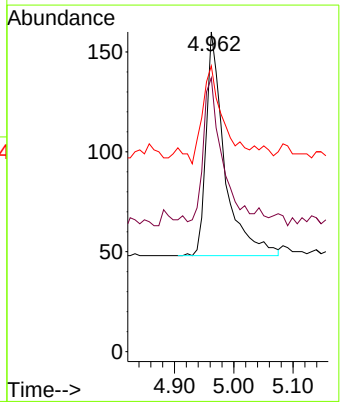
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

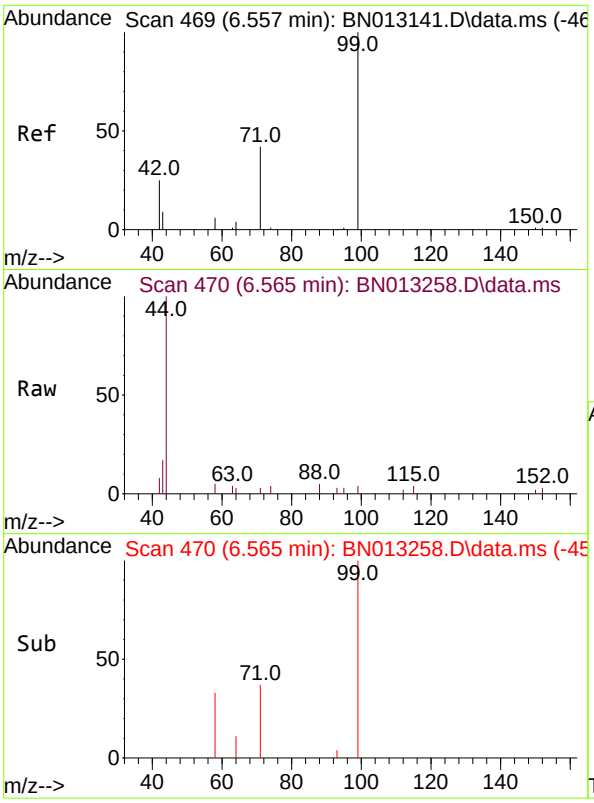


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:112 Resp: 244

Ion	Ratio	Lower	Upper
112	100		
64	69.7	49.5	74.3
63	49.6	32.0	48.0#

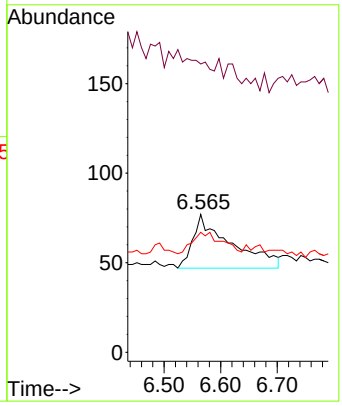




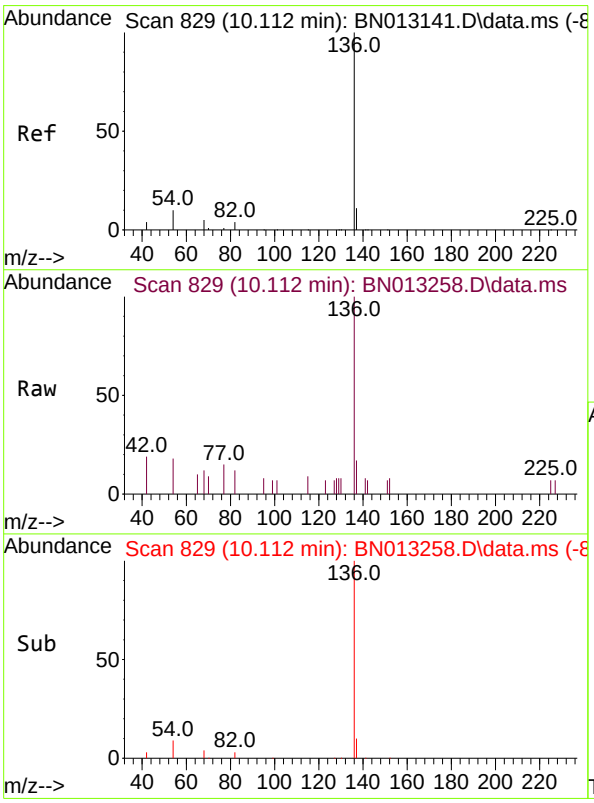
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion: 99 Resp: 139

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	30.9	37.8	56.6#



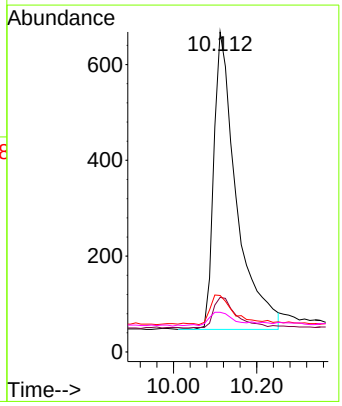
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

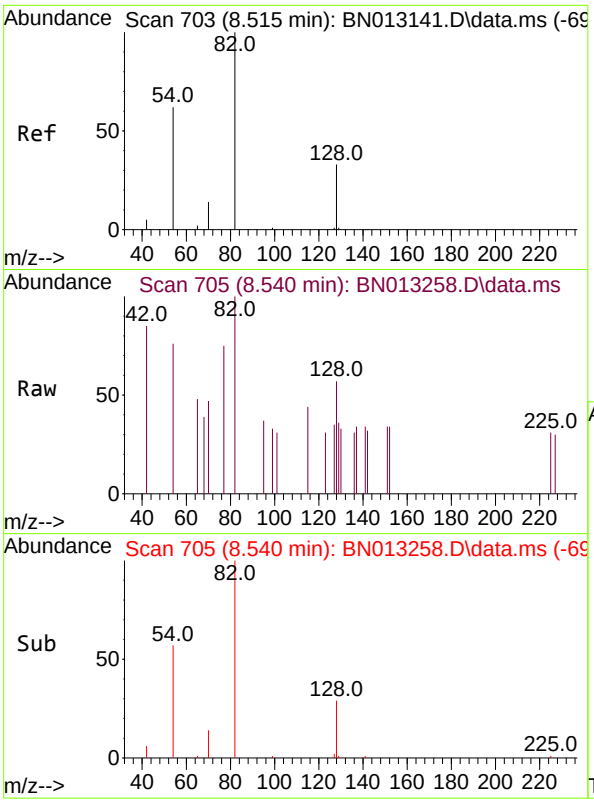


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:136 Resp: 2339

Ion	Ratio	Lower	Upper
136	100		
137	17.1	10.6	15.8#
54	17.7	8.6	12.8#
68	12.4	5.7	8.5#

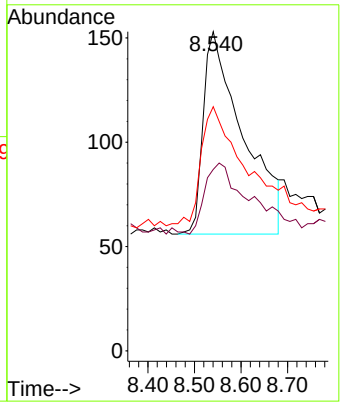




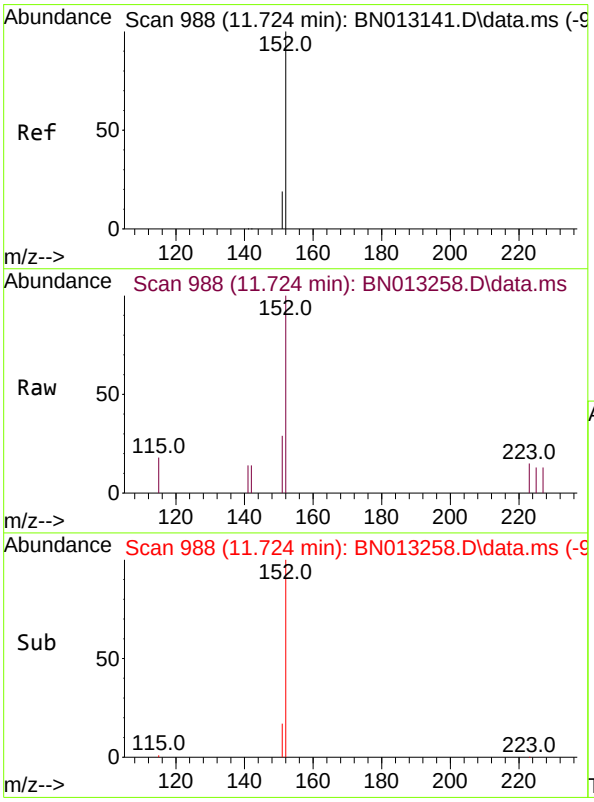
#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion: 82 Resp: 579

Ion	Ratio	Lower	Upper
82	100		
128	56.9	30.6	46.0#
54	76.5	48.3	72.5#



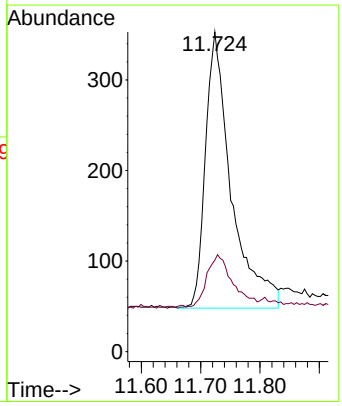
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214



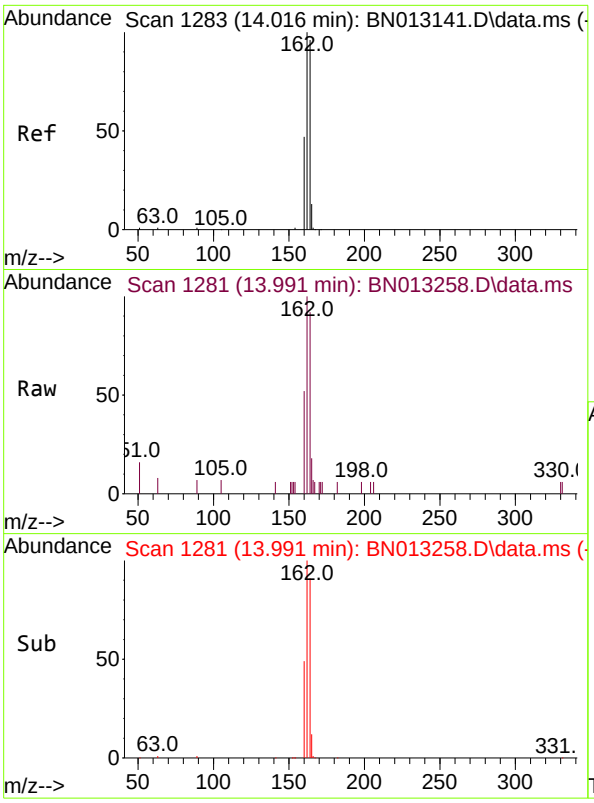
#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:152 Resp: 923

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.7	25.1



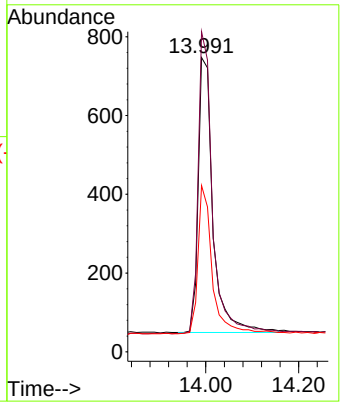
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

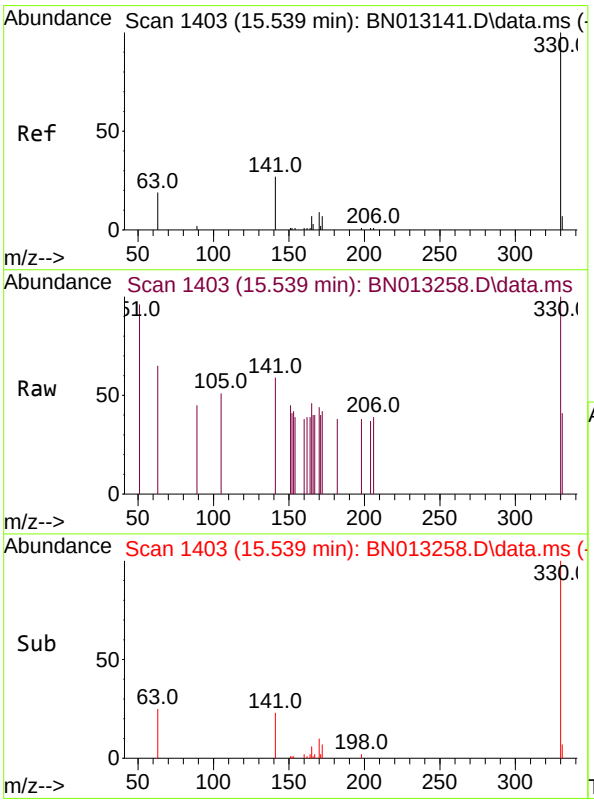


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:164 Resp: 1546

Ion	Ratio	Lower	Upper
164	100		
162	108.8	80.6	120.8
160	56.5	39.5	59.3

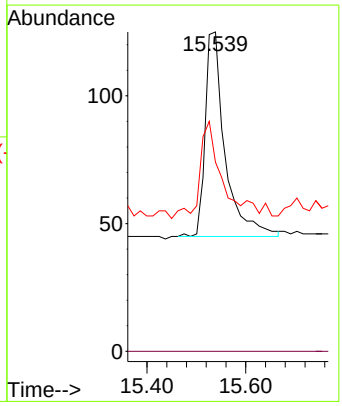




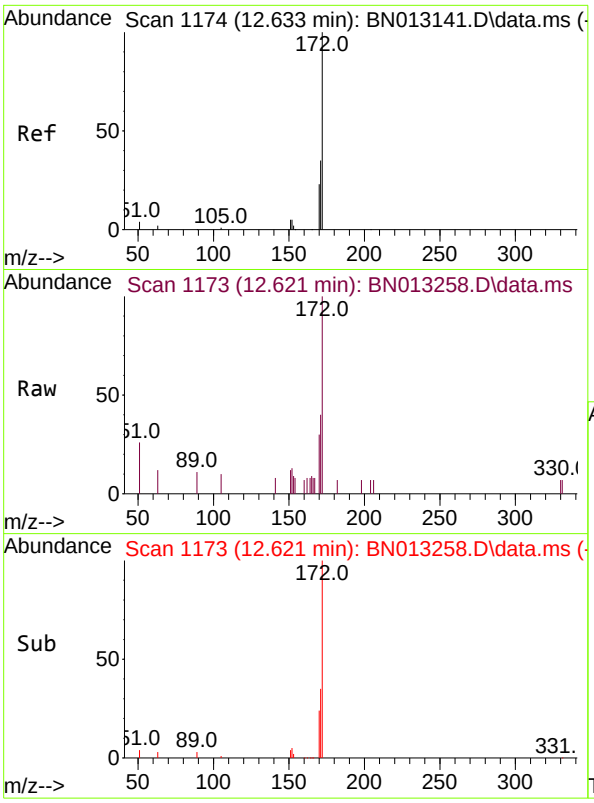
#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:330 Resp: 223

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.5	34.4	51.6#



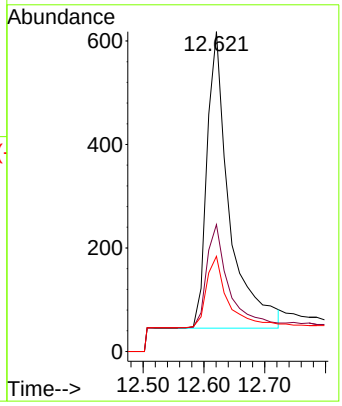
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

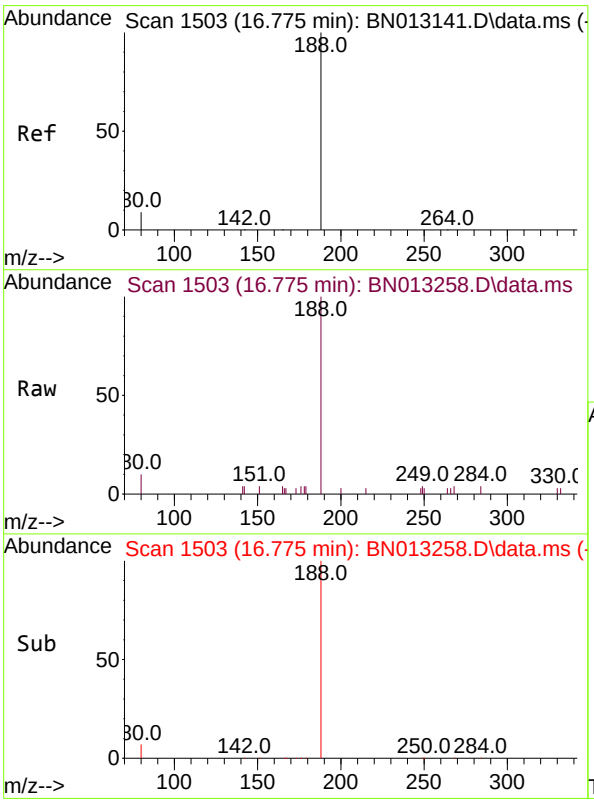


#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:172 Resp: 1468

Ion	Ratio	Lower	Upper
172	100		
171	39.6	28.2	42.4
170	29.8	20.0	30.0

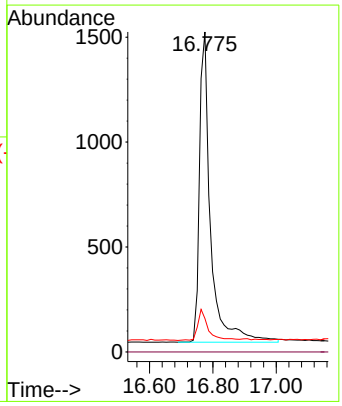


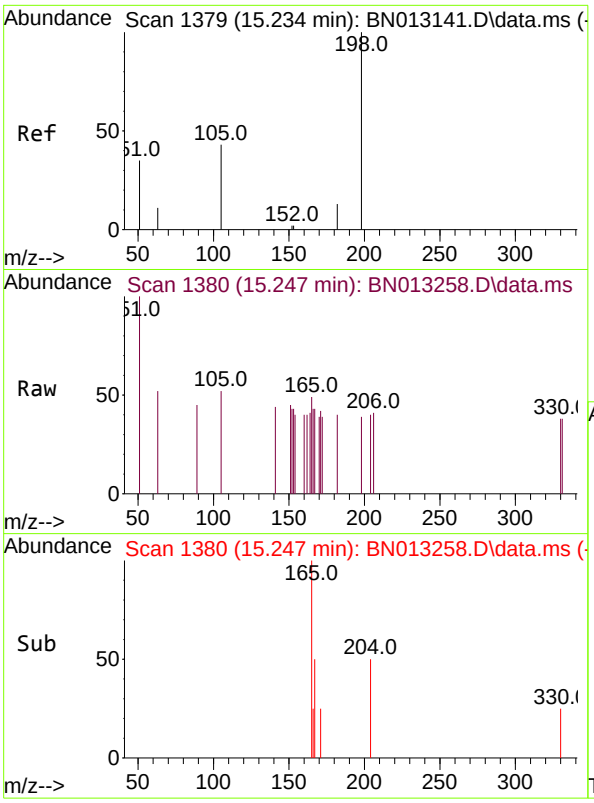


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.001 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:188 Resp: 3585

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	5.0	7.4#

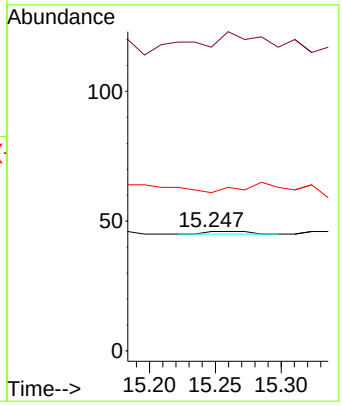




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	254.3	43.5	65.3#
105	132.6	27.2	40.8#



Instrument :
BNA_N
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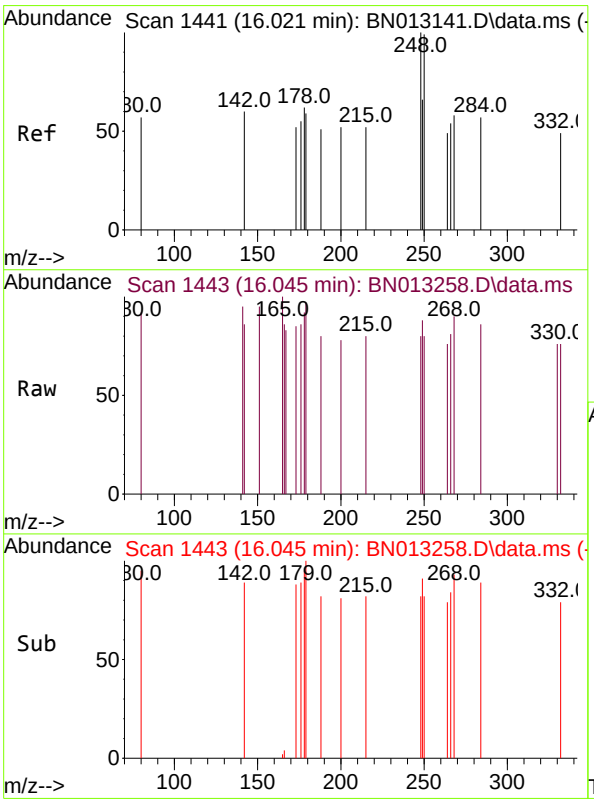
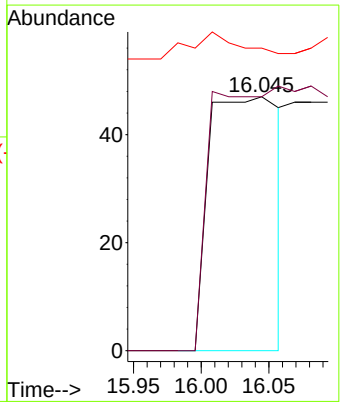
TT180D-20201214

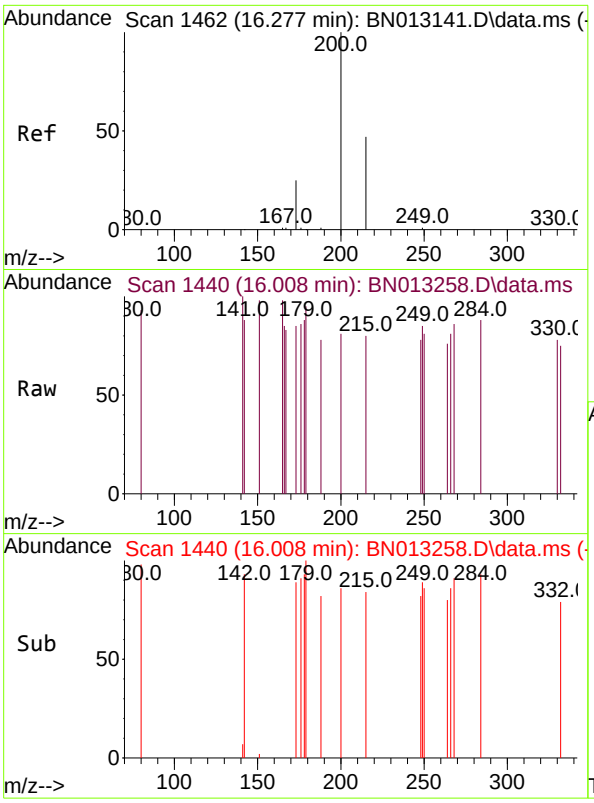


#21
4-Bromophenyl-phenylether
Concen: 0.24 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.024 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:248 Resp: 170

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.3	115.9
141	119.1	57.8	86.8#

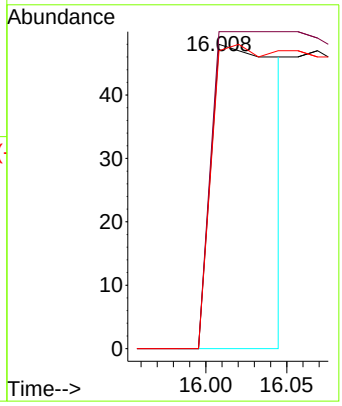




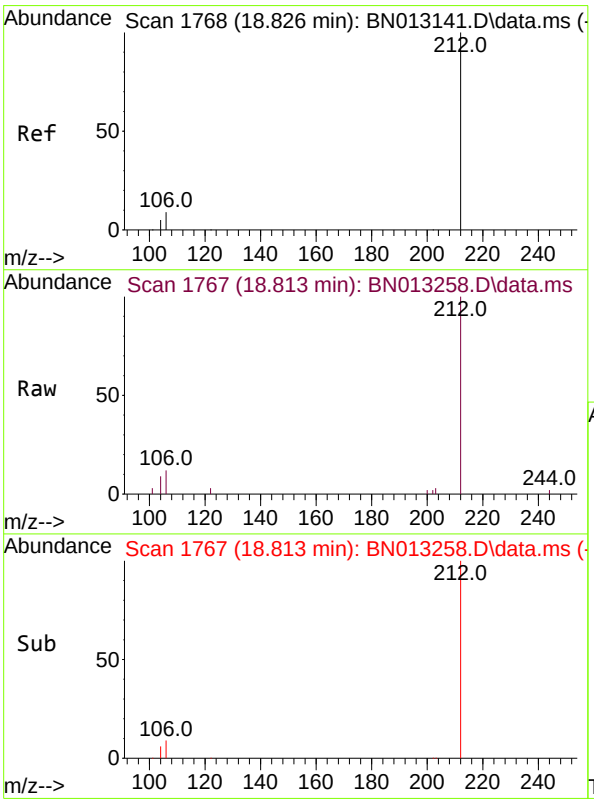
#23
Atrazine
Concen: 0.06 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:200 Resp: 139

Ion	Ratio	Lower	Upper
200	100		
173	104.2	22.8	34.2#
215	97.9	38.1	57.1#



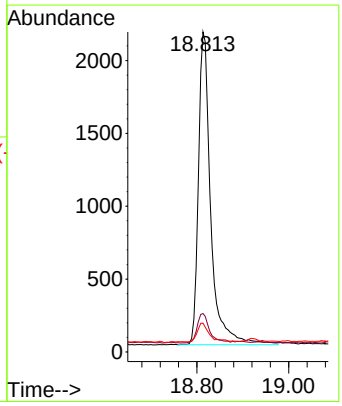
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

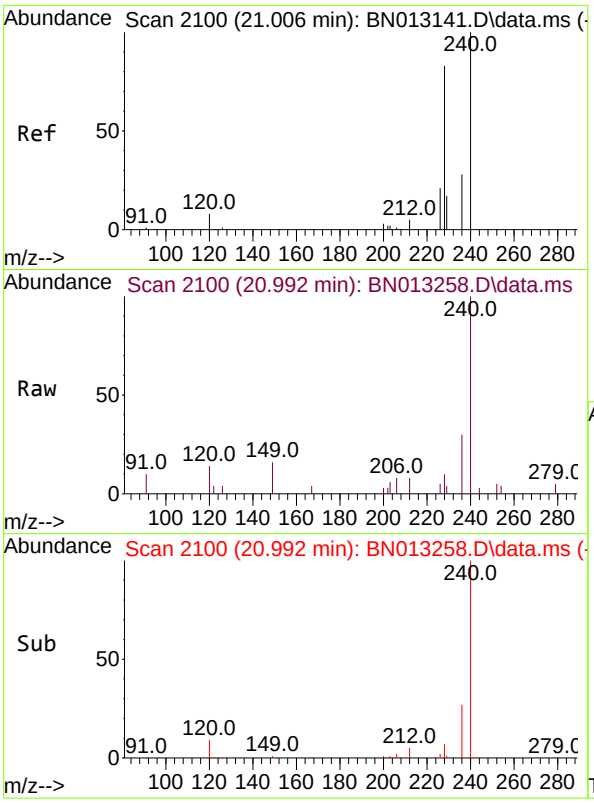


#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:212 Resp: 4003

Ion	Ratio	Lower	Upper
212	100		
106	9.5	6.8	10.2
104	5.8	4.1	6.1

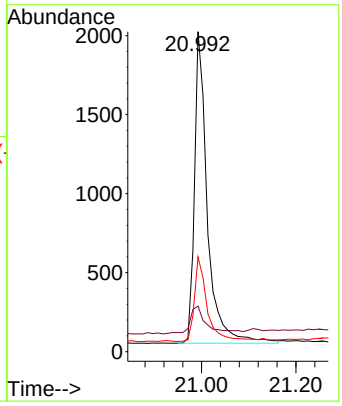




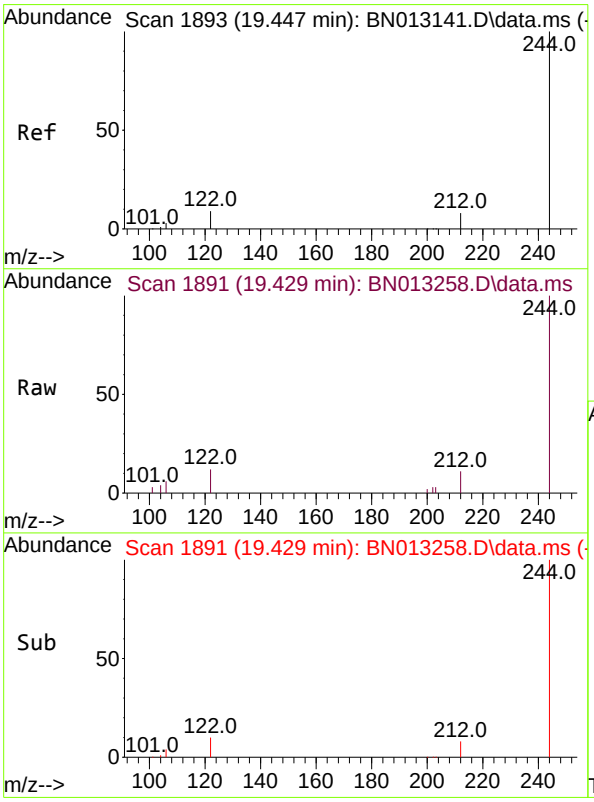
#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:240 Resp: 3745

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.3	7.9#
236	29.6	21.8	32.8



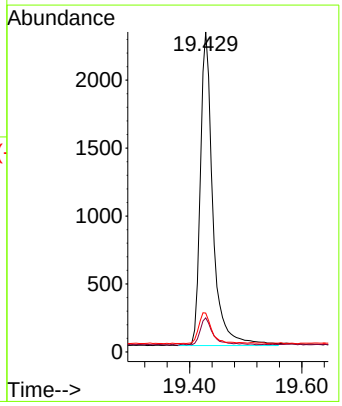
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214



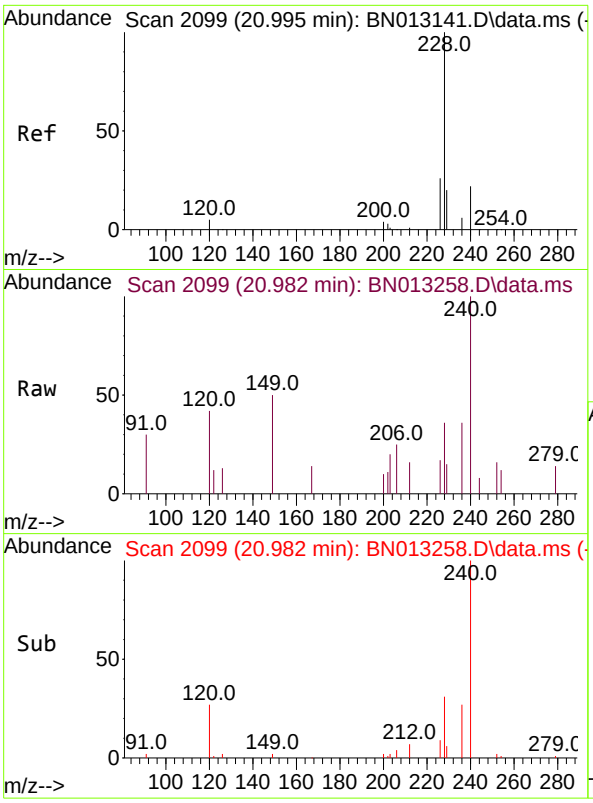
#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:244 Resp: 3575

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.3	10.9
122	12.1	7.3	10.9#



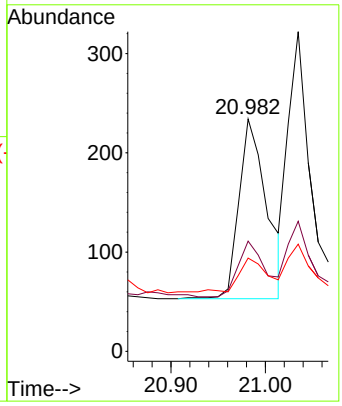
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

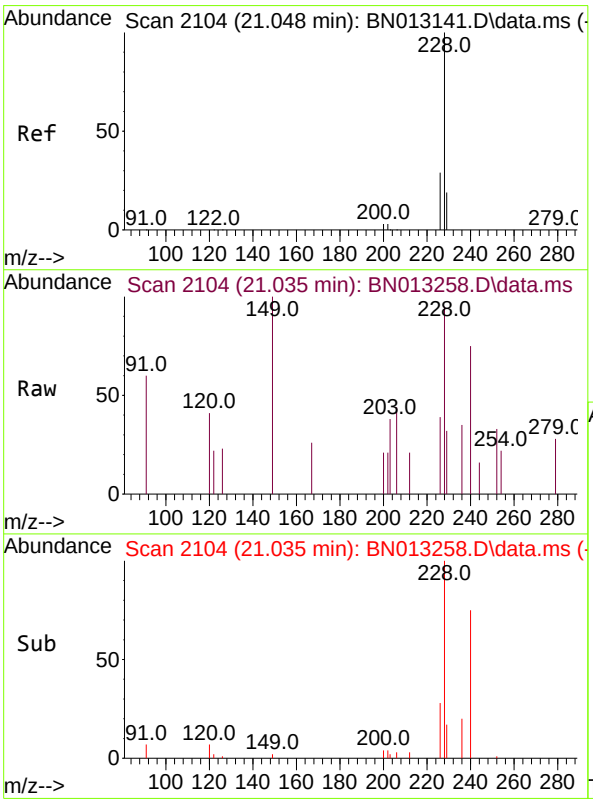


#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.982 min Scan# 2099
Delta R.T. -0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:228 Resp: 370

Ion	Ratio	Lower	Upper
228	100		
226	47.4	22.3	33.5#
229	40.2	15.7	23.5#

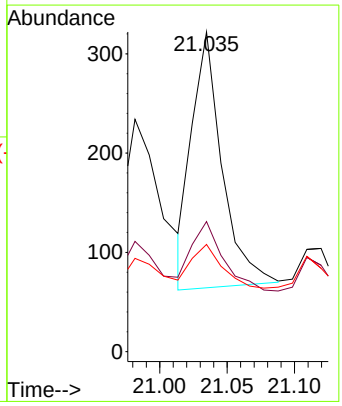




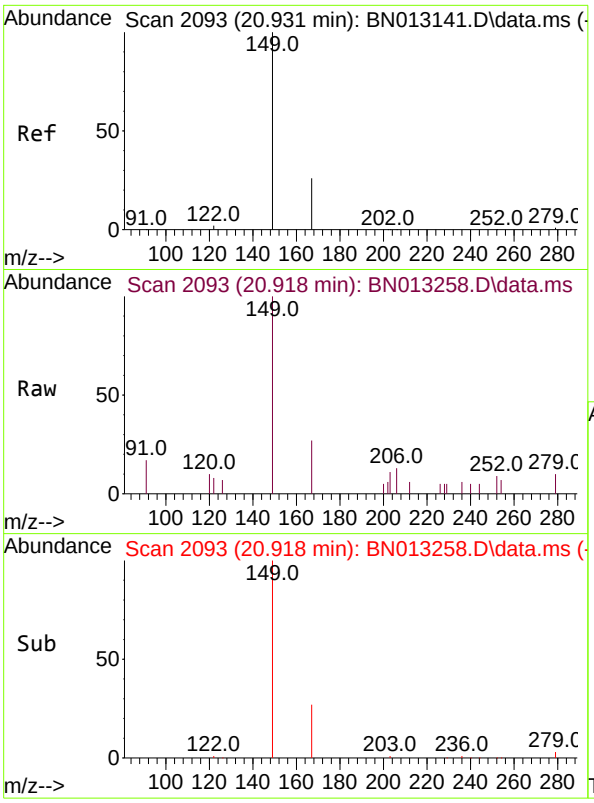
#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:228 Resp: 401

Ion	Ratio	Lower	Upper
228	100		
226	40.7	24.2	36.2#
229	33.5	15.7	23.5#



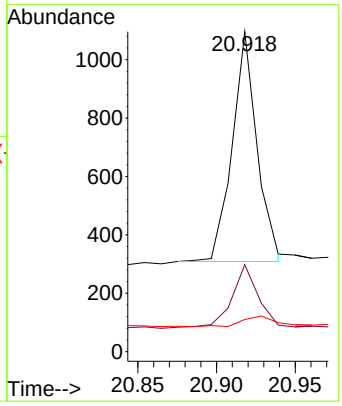
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

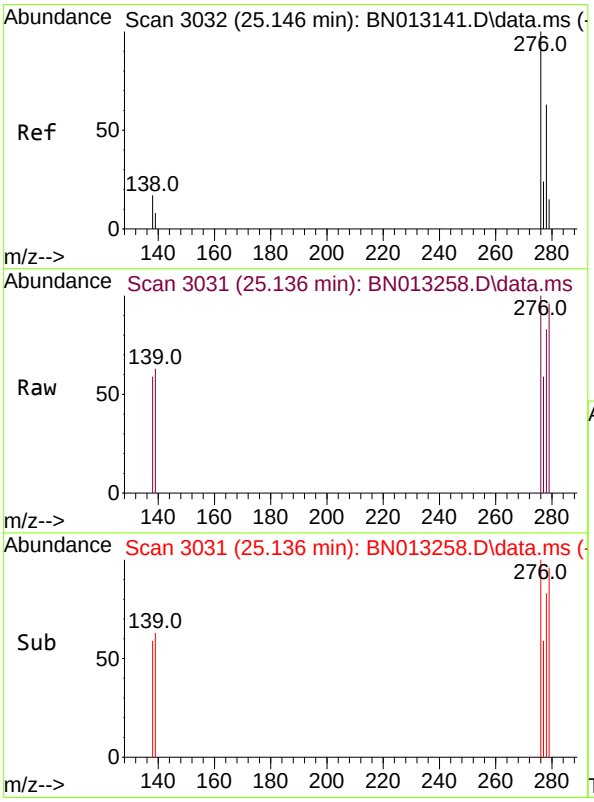


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:149 Resp: 860

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.2	34.8
279	5.6	3.9	5.9

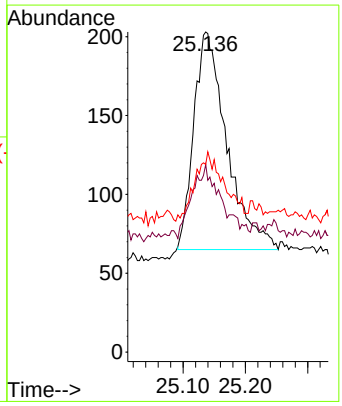




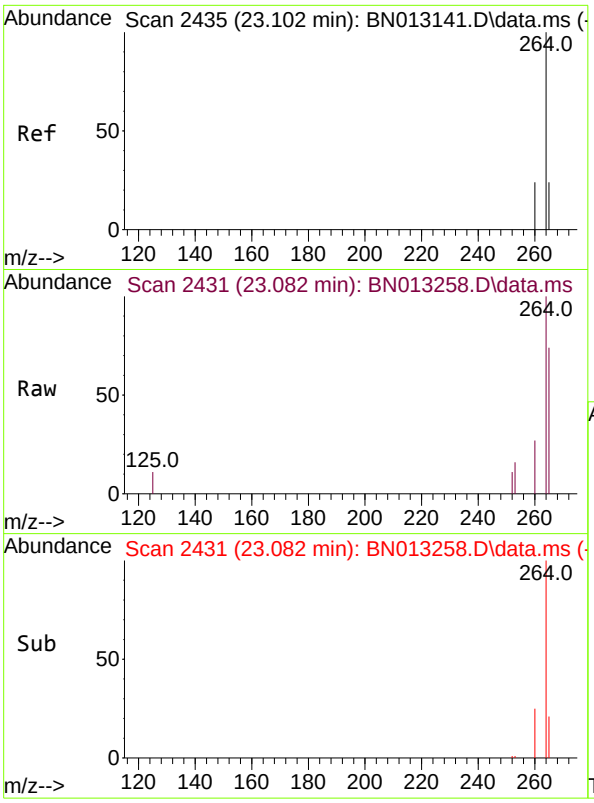
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.136 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:276 Resp: 508

Ion	Ratio	Lower	Upper
276	100		
138	0.0	13.3	19.9#
277	0.0	20.2	30.4#



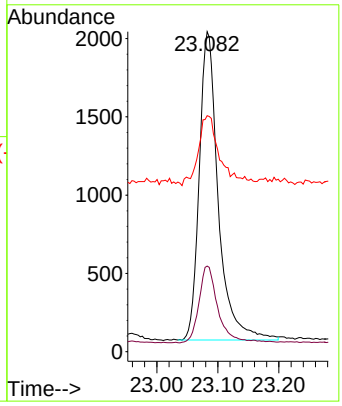
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

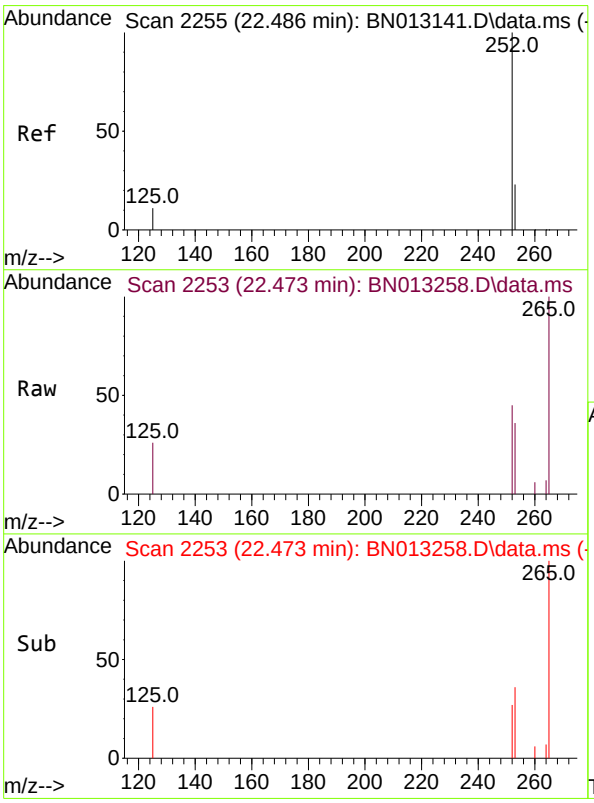


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2431
Delta R.T. -0.013 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:264 Resp: 4260

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.8	29.6
265	73.8	51.4	77.0

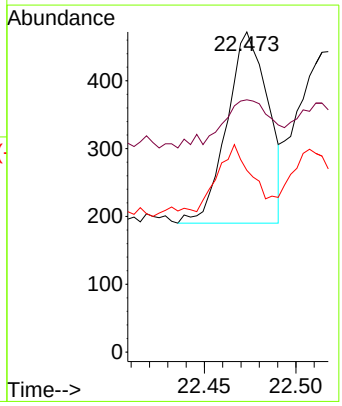


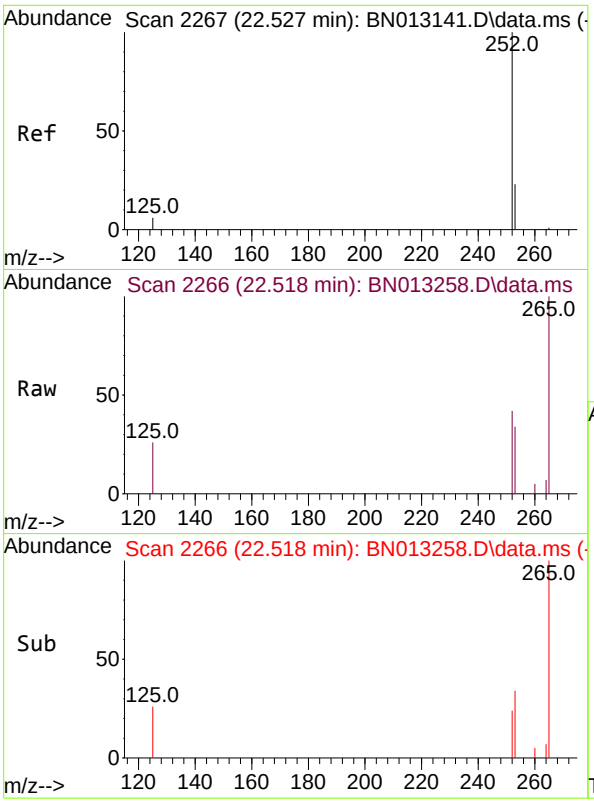


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.473 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:252 Resp: 440

Ion	Ratio	Lower	Upper
252	100		
253	78.8	20.1	30.1#
125	56.8	7.2	10.8#

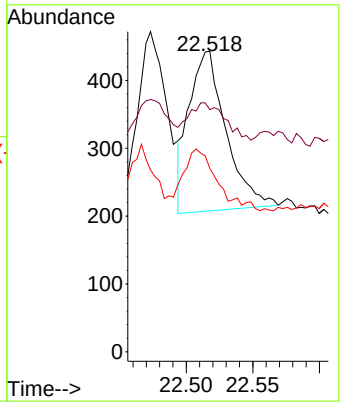




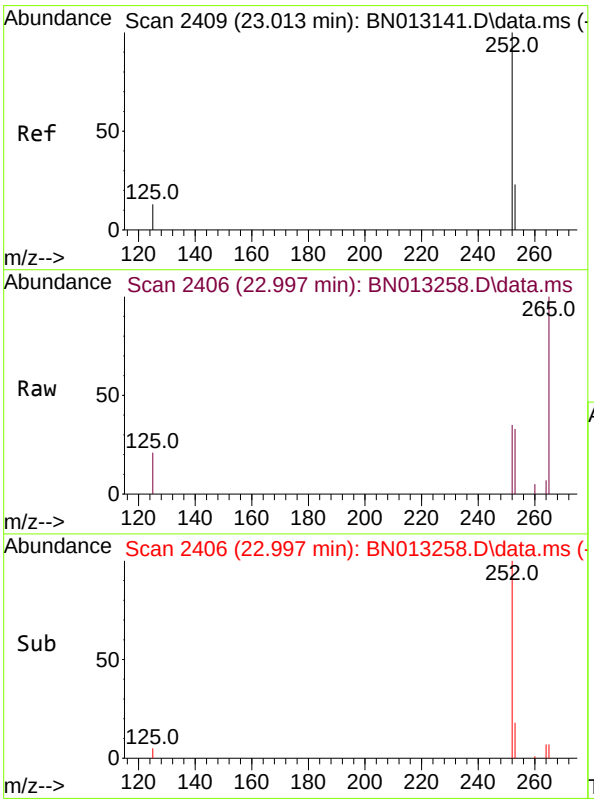
#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.518 min Scan# 2266
Delta R.T. 0.001 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:252 Resp: 457

Ion	Ratio	Lower	Upper
252	100		
253	80.6	19.8	29.8#
125	60.9	7.1	10.7#



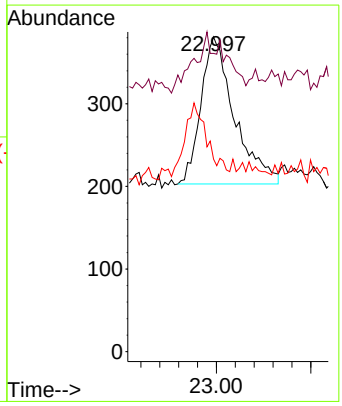
Instrument :
BNA_N
ClientSampleId :
TT180D-20201214

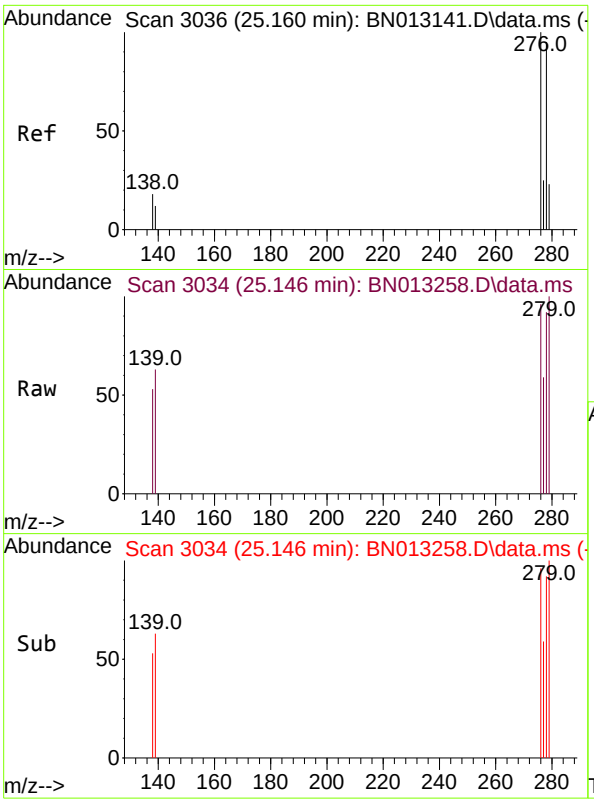


#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 22.997 min Scan# 2406
Delta R.T. -0.010 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:252 Resp: 438

Ion	Ratio	Lower	Upper
252	100		
253	94.8	21.3	31.9#
125	61.2	8.3	12.5#

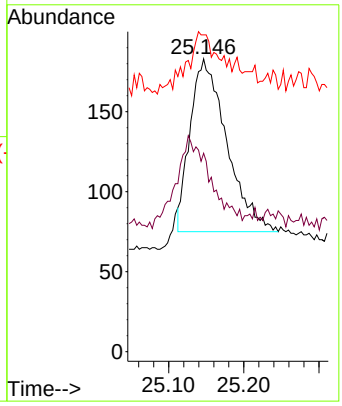




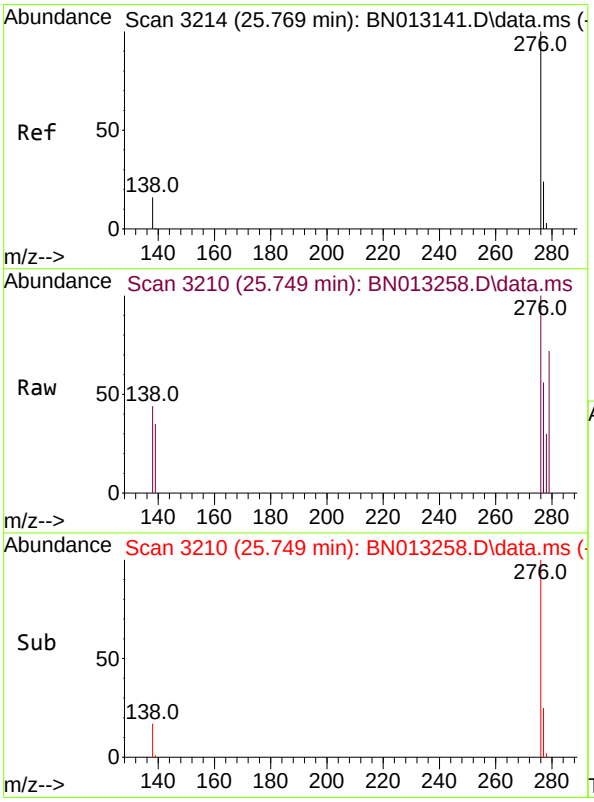
#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.146 min Scan# 3034
Delta R.T. -0.006 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:278 Resp: 365

Ion	Ratio	Lower	Upper
278	100		
139	67.8	9.3	13.9#
279	108.2	21.6	32.4#



Instrument :
BNA_N
ClientSampleId :
TT180D-20201214



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.749 min Scan# 3210
Delta R.T. 0.001 min
Lab File: BN013258.D
Acq: 22 Dec 2020 04:18

Tgt Ion:276 Resp: 626

Ion	Ratio	Lower	Upper
276	100		
277	56.0	19.8	29.8#
138	43.5	11.7	17.5#