Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013282.D
Acq On : 22 Dec 2020 21:49
Operator : CG/JU
Sample : L5124-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE123D2-20201214

Quant Time: Dec 23 00:54:19 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	549	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1791	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1252	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2972	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3246	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	3695	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	249	0.11	ng	0.00
5) Phenol-d6	6.565	99	72	0.03	ng	0.02
8) Nitrobenzene-d5	8.553	82	443	0.24	ng	0.05
11) 2-Methylnaphthalene-d10	11.728	152	814	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	199	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.620	172	1265	0.24	ng	0.01
27) Fluoranthene-d10	18.816	212	3496	0.36	ng	0.00
31) Terphenyl-d14	19.426	244	3066	0.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.924	88	563	0.59	ng	# 73
3) n-Nitrosodimethylamine	3.190	42	160	0.10	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.272	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.045	248	167	0.29	ng	# 76
23) Atrazine	16.021	200	136	0.08	ng	# 1
32) Benzo(a)anthracene	20.984	228	290	0.03	ng	# 60
33) Chrysene	21.037	228	408	0.03	ng	# 73
34) Bis(2-ethylhexyl)phtha...	20.921	149	585	Below Cal		96
35) Indeno(1,2,3-cd)pyrene	25.142	276	420	0.03	ng	# 54
37) Benzo(b)fluoranthene	22.476	252	412	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.510	252	400	0.03	ng	# 1
39) Benzo(a)pyrene	23.000	252	343	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.156	278	319	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.755	276	590	0.04	ng	# 42

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
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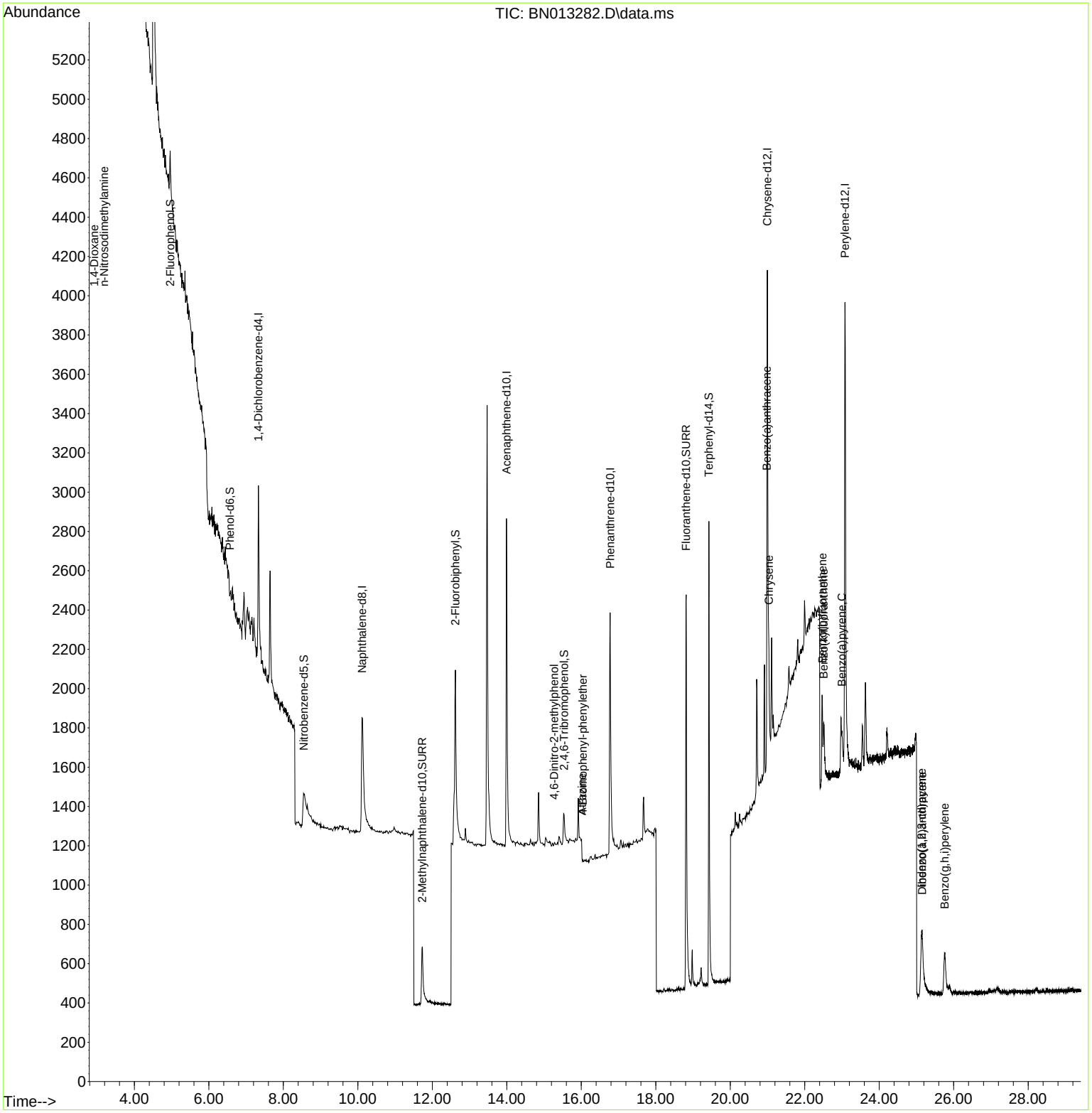
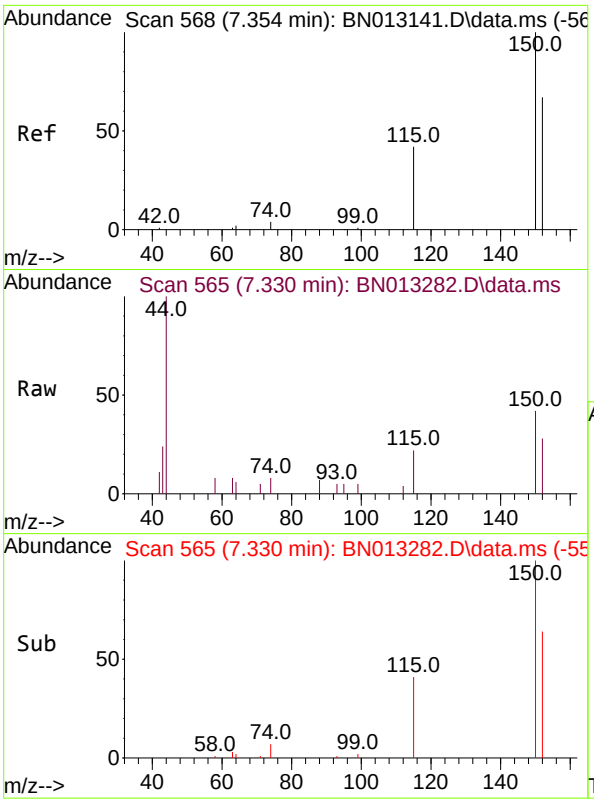
Quant Time: Dec 23 00:54:19 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

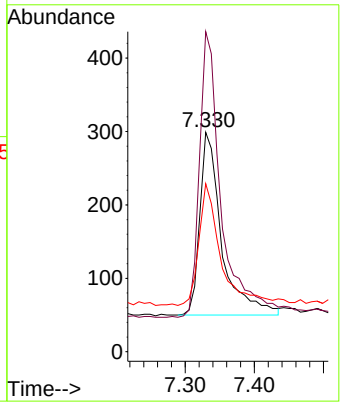




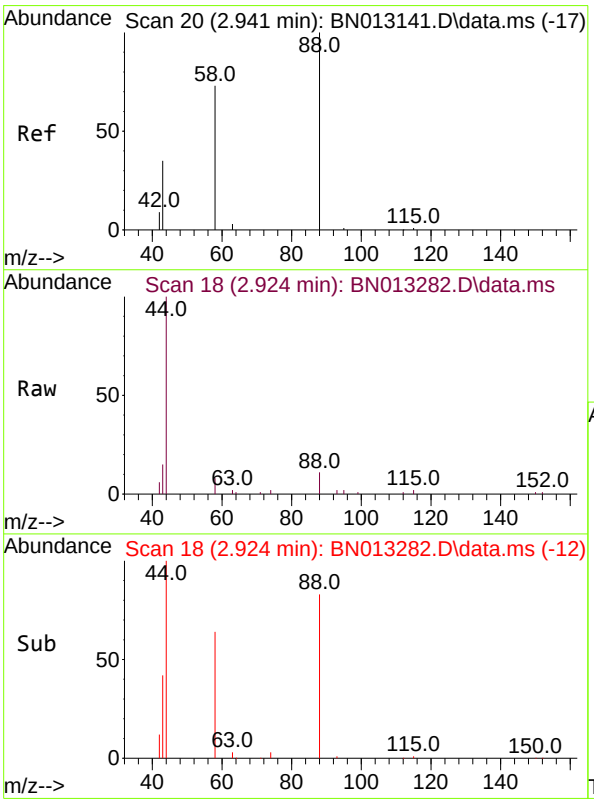
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:152 Resp: 549

Ion	Ratio	Lower	Upper
152	100		
150	145.8	116.6	174.8
115	76.6	52.9	79.3



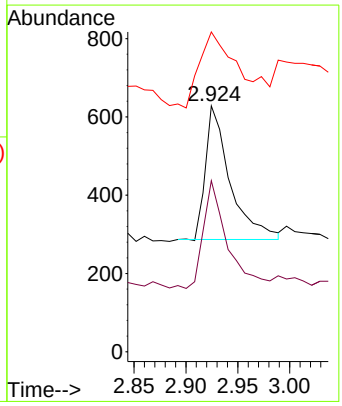
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214



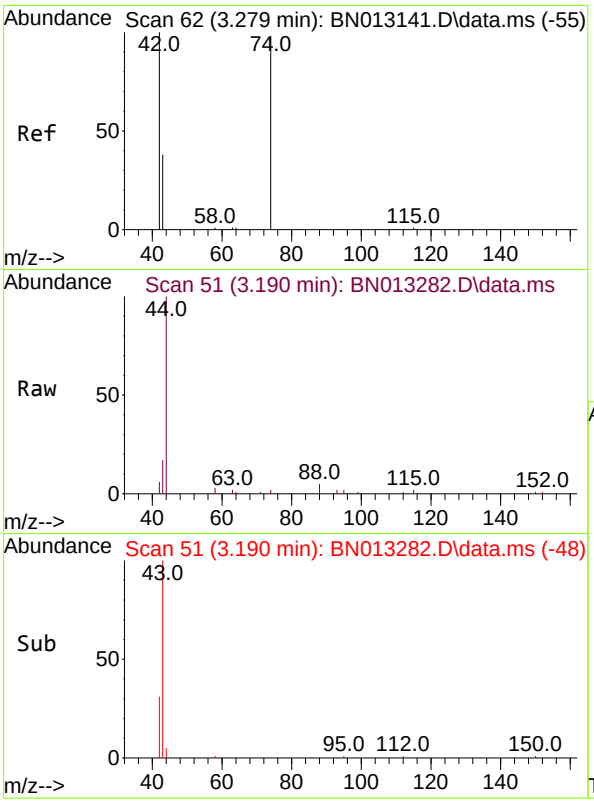
#2
1,4-Dioxane
Concen: 0.59 ng
RT: 2.924 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 88 Resp: 563

Ion	Ratio	Lower	Upper
88	100		
58	78.5	59.4	89.2
43	82.9	32.3	48.5#



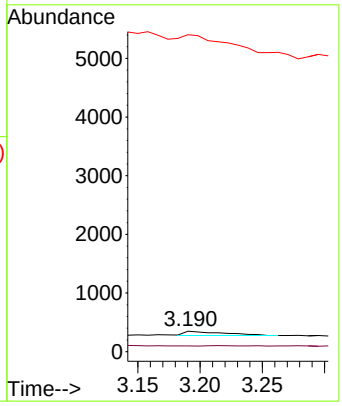
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

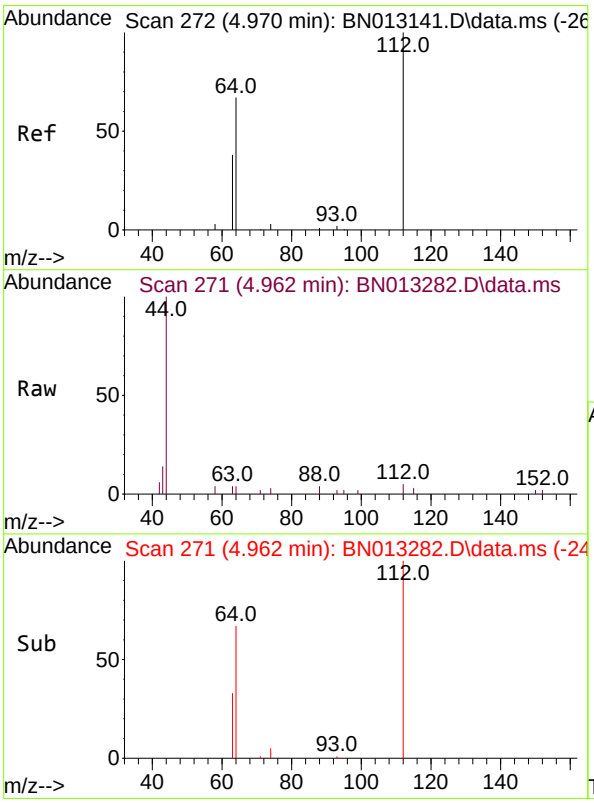


#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.073 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 42 Resp: 160

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

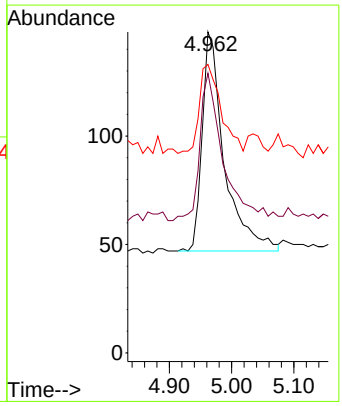




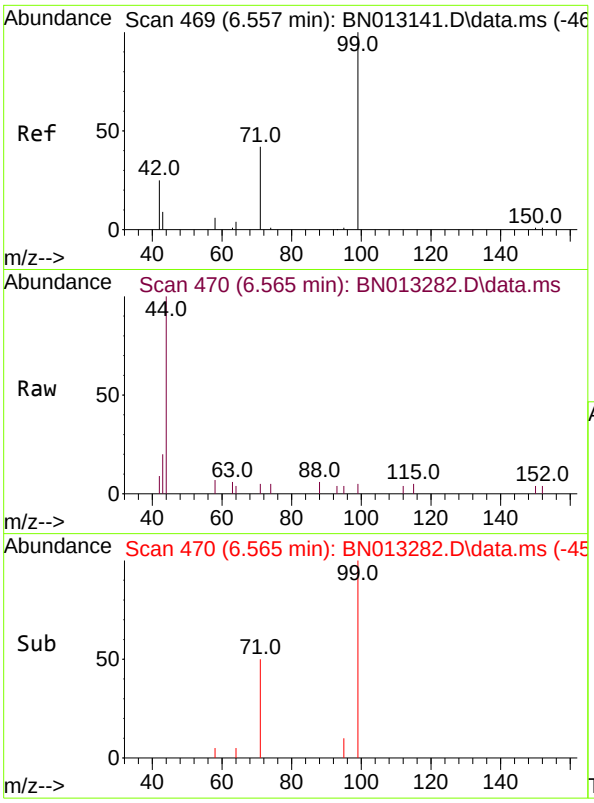
#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:112 Resp: 249

Ion	Ratio	Lower	Upper
112	100		
64	71.1	49.5	74.3
63	39.8	32.0	48.0



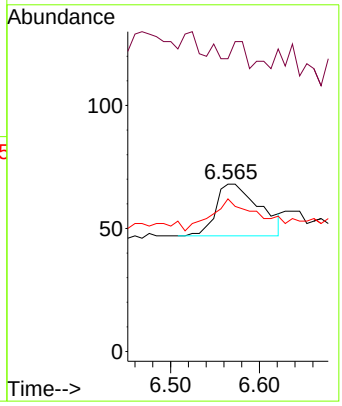
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

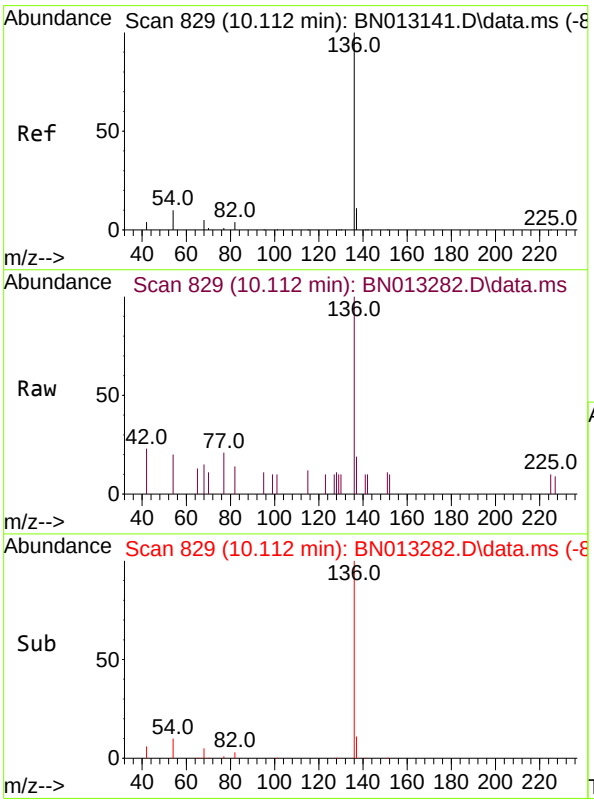


#5
Phenol-d6
Concen: 0.03 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 99 Resp: 72

Ion	Ratio	Lower	Upper
99	100		
42	9.7	22.4	33.6#
71	63.9	37.8	56.6#

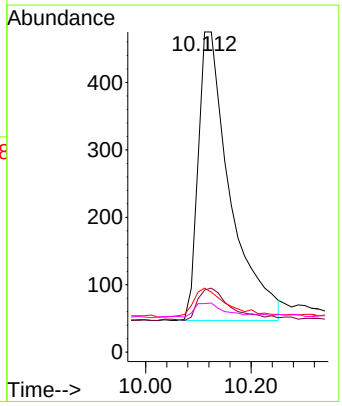


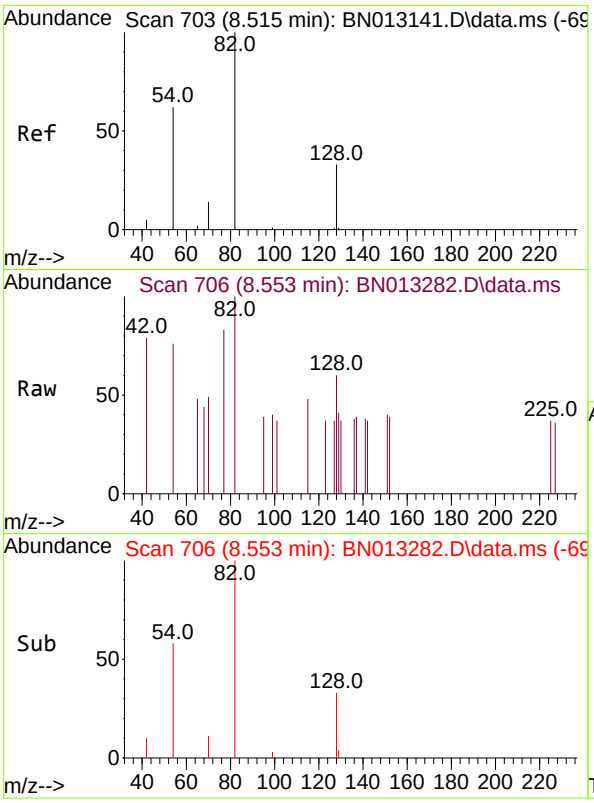


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:136 Resp: 1791

Ion	Ratio	Lower	Upper
136	100		
137	19.4	10.6	15.8#
54	20.0	8.6	12.8#
68	15.2	5.7	8.5#

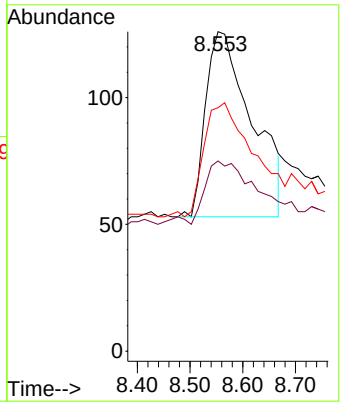




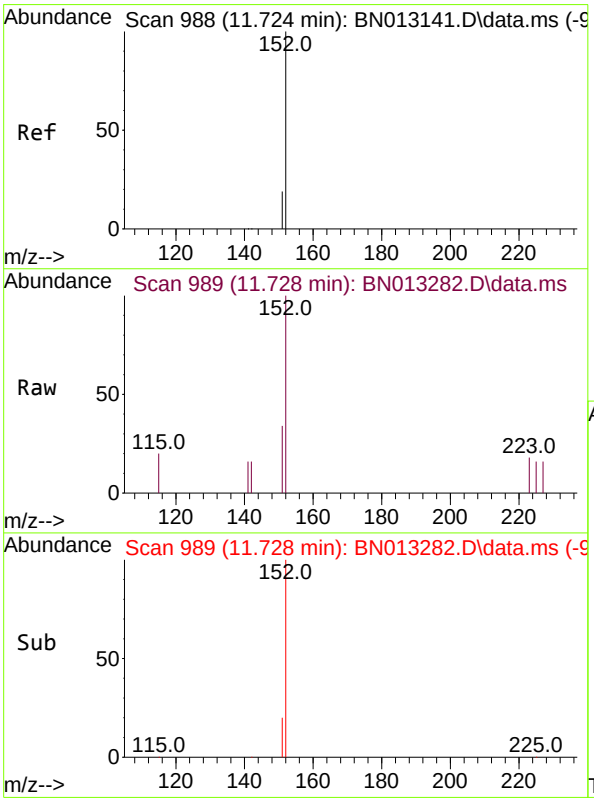
#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 82 Resp: 443

Ion	Ratio	Lower	Upper
82	100		
128	59.5	30.6	46.0#
54	76.2	48.3	72.5#



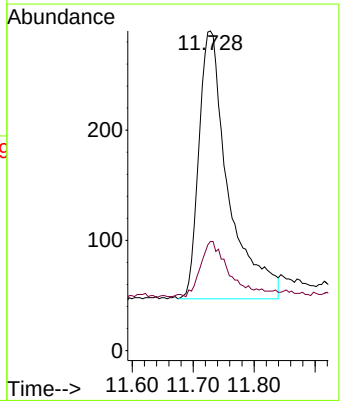
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

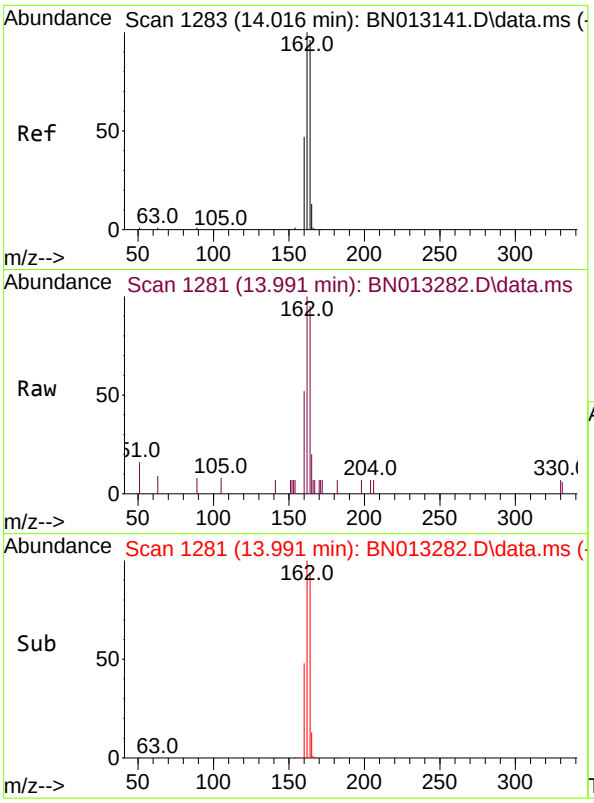


#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.022 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:152 Resp: 814

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.7	25.1

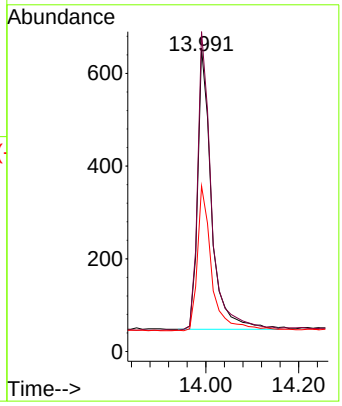




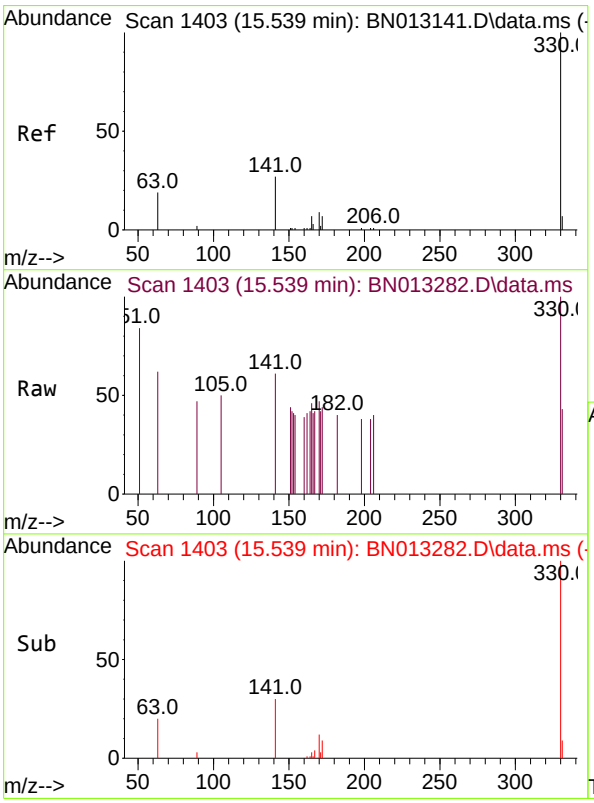
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:164 Resp: 1252

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	120.8
160	54.6	39.5	59.3



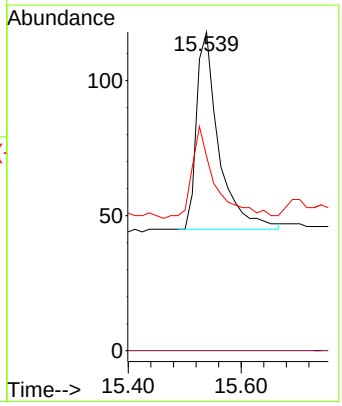
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

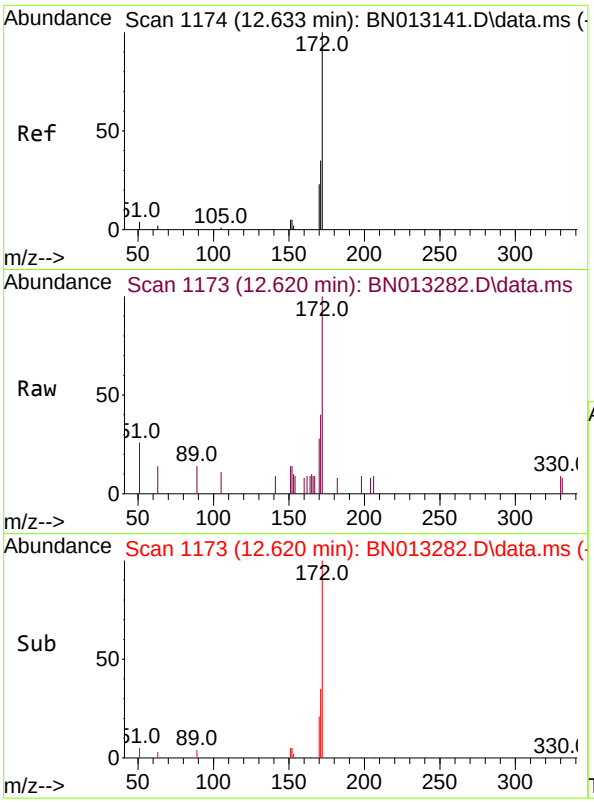


#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:330 Resp: 199

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.7	34.4	51.6

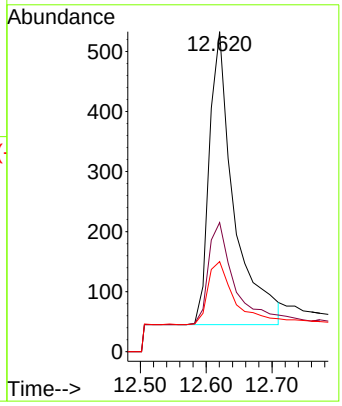




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.620 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:172 Resp: 1265

Ion	Ratio	Lower	Upper
172	100		
171	40.3	28.2	42.4
170	28.1	20.0	30.0



Instrument :
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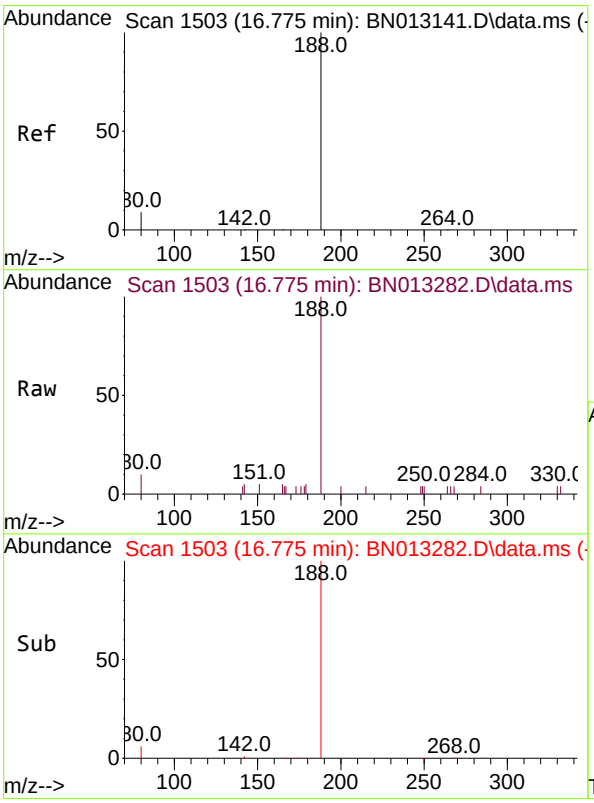
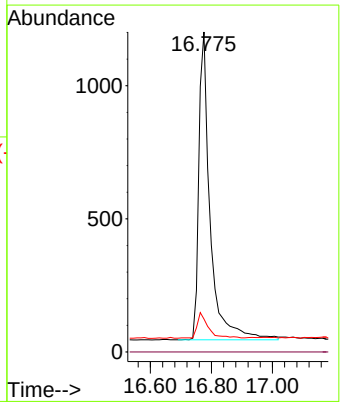
RE123D2-20201214



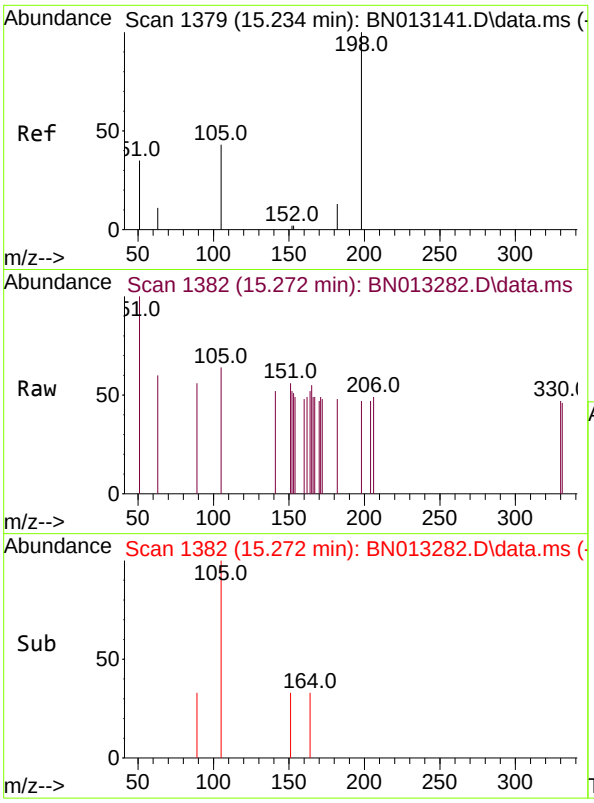
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:188 Resp: 2972

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	5.0	7.4#



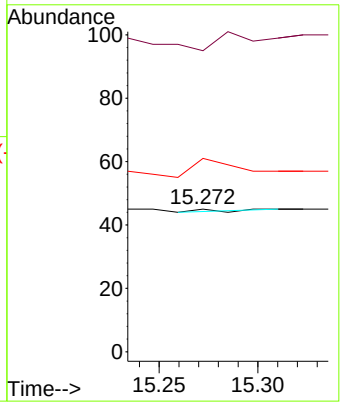
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

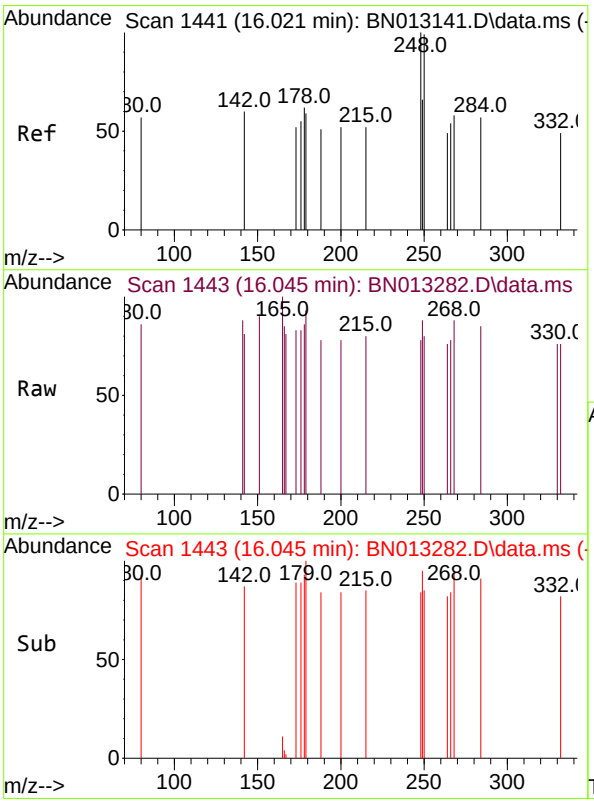


#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.051 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	211.1	43.5	65.3#
105	135.6	27.2	40.8#

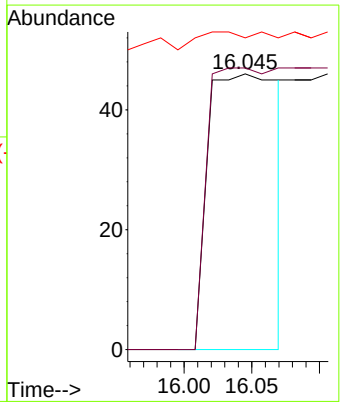




#21
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.024 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:248 Resp: 167

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	113.0	57.8	86.8#



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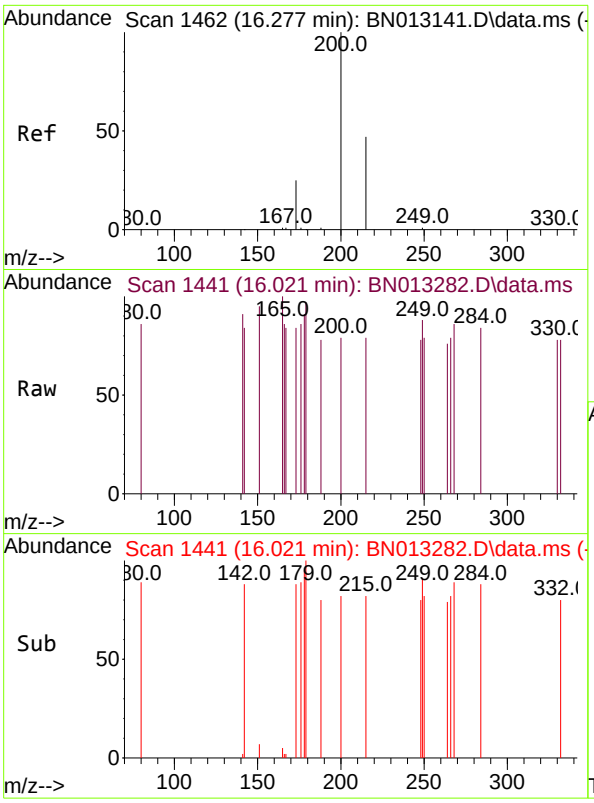
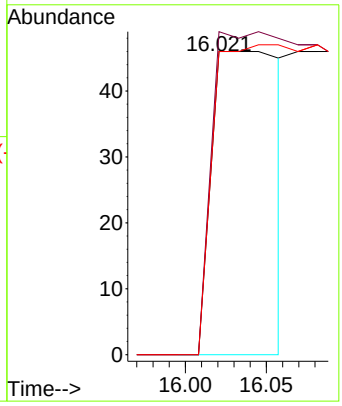
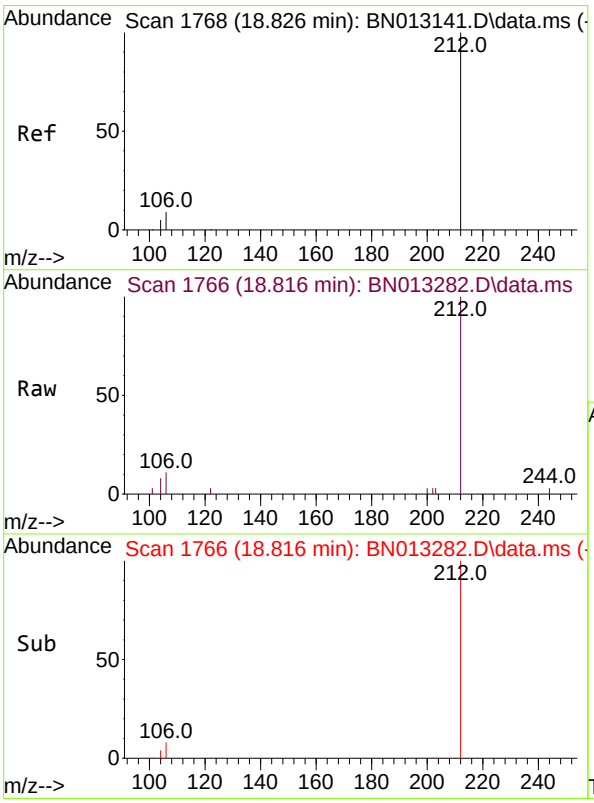


#23
Atrazine
Concen: 0.08 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:200 Resp: 136

Ion	Ratio	Lower	Upper
200	100		
173	106.5	22.8	34.2#
215	100.0	38.1	57.1#

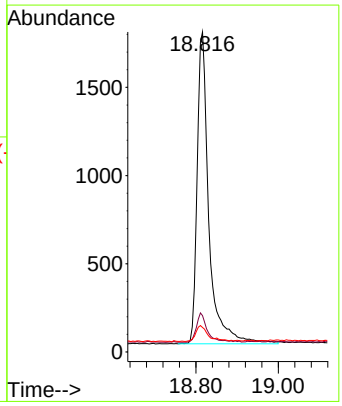




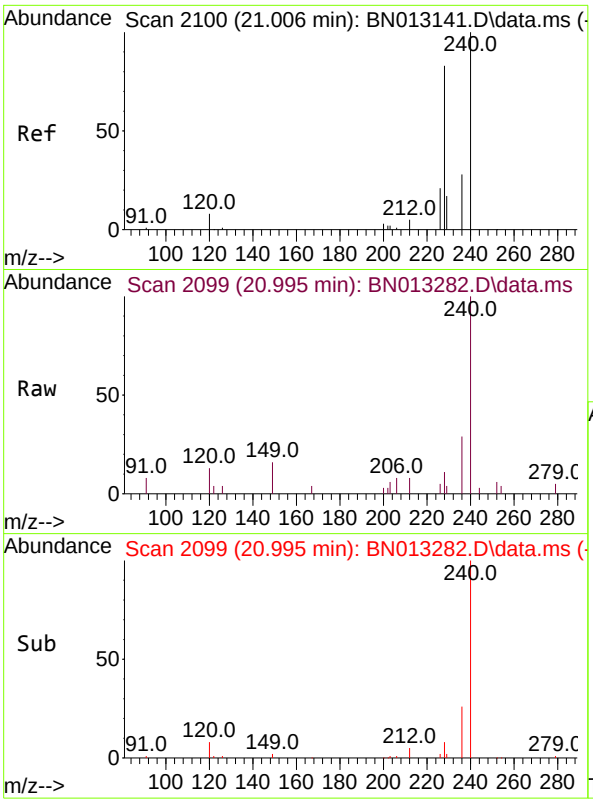
#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:212 Resp: 3496

Ion	Ratio	Lower	Upper
212	100		
106	8.5	6.8	10.2
104	5.3	4.1	6.1



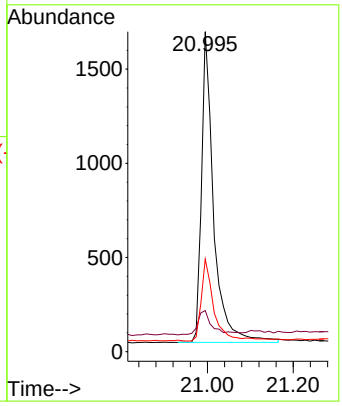
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

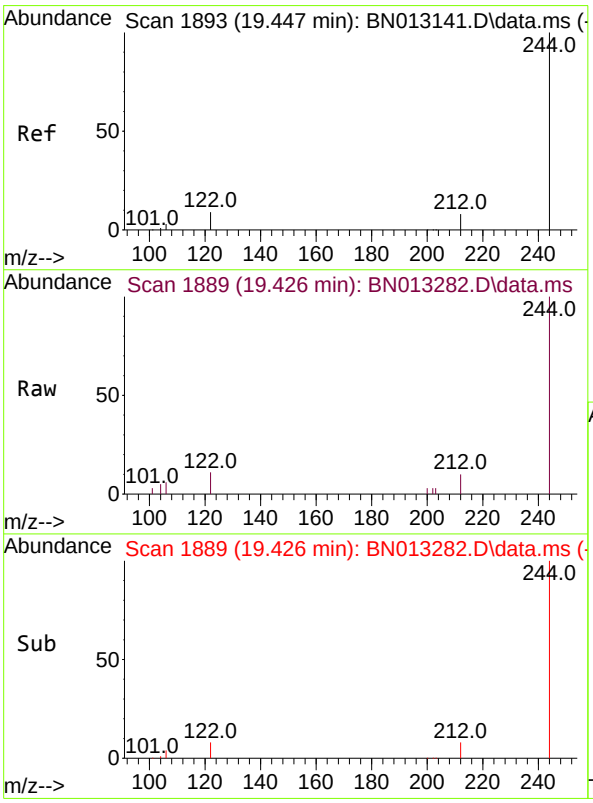


#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:240 Resp: 3246

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.3	7.9#
236	29.0	21.8	32.8

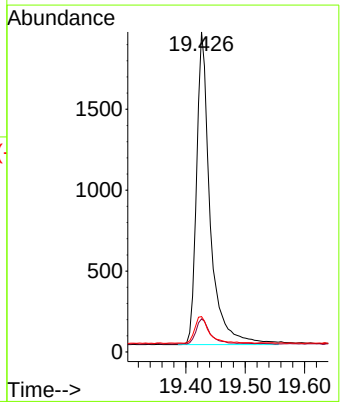




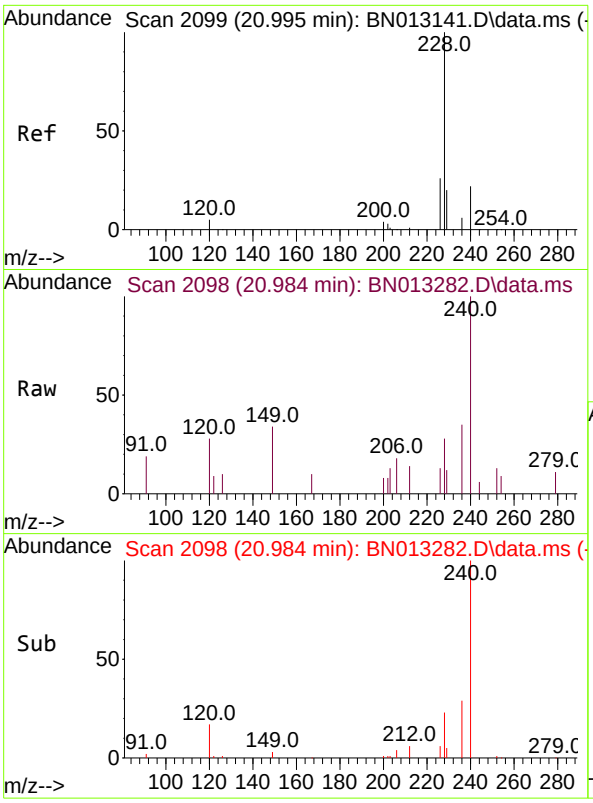
#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.426 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:244 Resp: 3066

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.3	10.9
122	11.1	7.3	10.9#



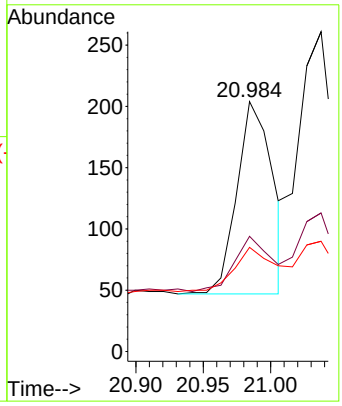
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

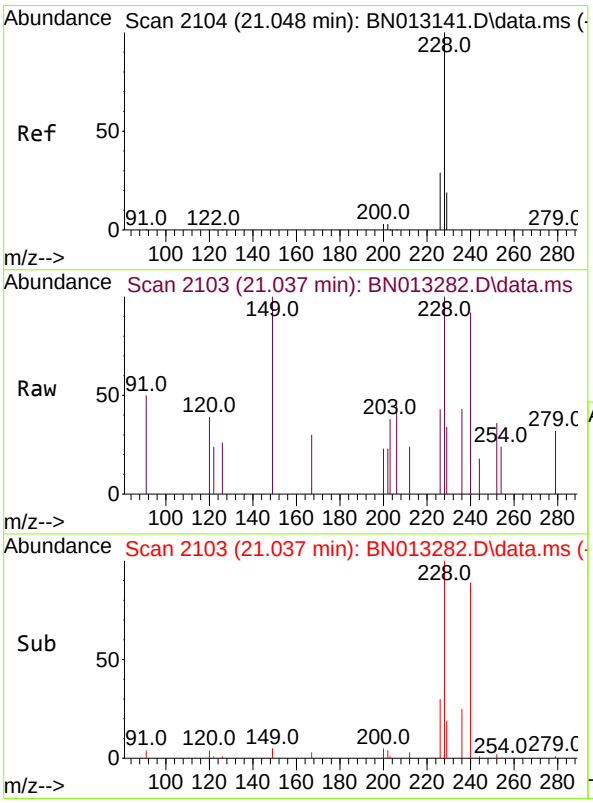


#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.984 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:228 Resp: 290

Ion	Ratio	Lower	Upper
228	100		
226	46.1	22.3	33.5#
229	41.7	15.7	23.5#

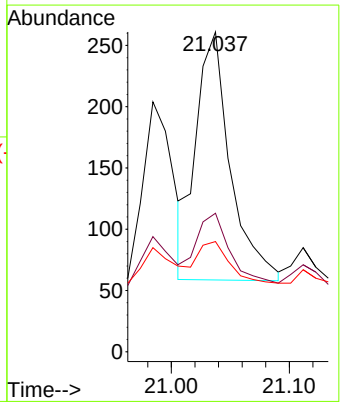


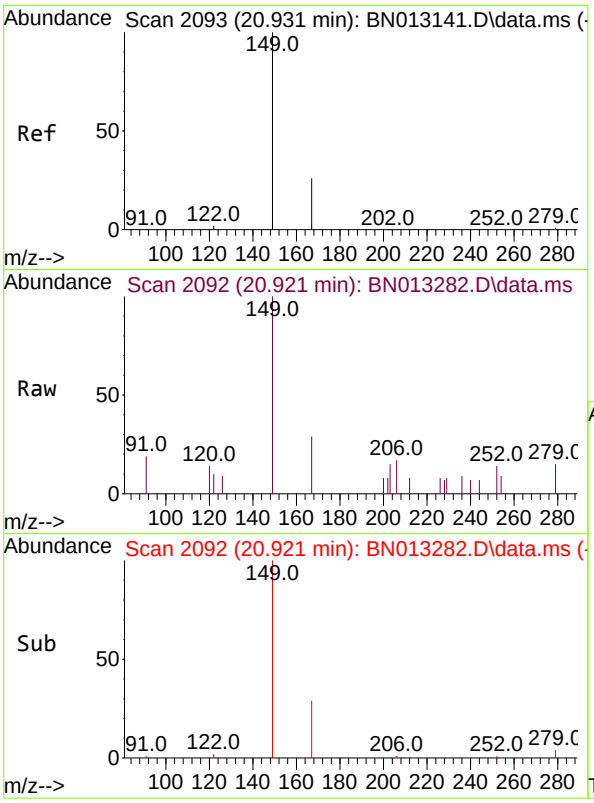


#33
Chrysene
Concen: 0.03 ng
RT: 21.037 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:228 Resp: 408

Ion	Ratio	Lower	Upper
228	100		
226	43.3	24.2	36.2#
229	34.5	15.7	23.5#

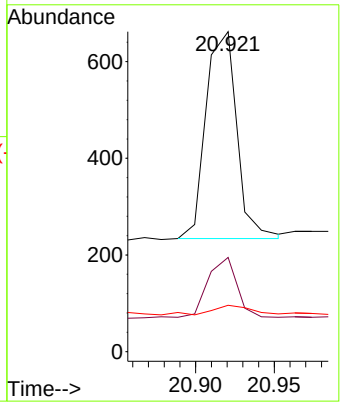




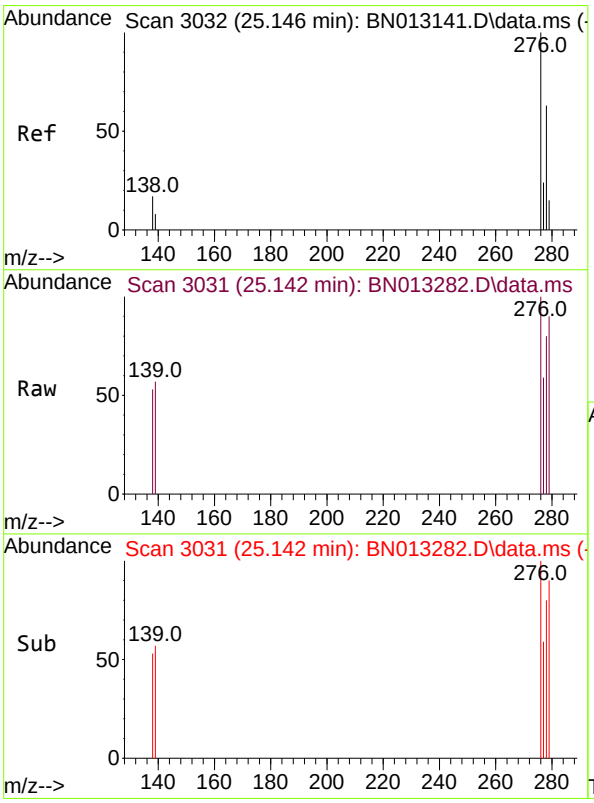
#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.921 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:149 Resp: 585

Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.2	34.8
279	5.5	3.9	5.9



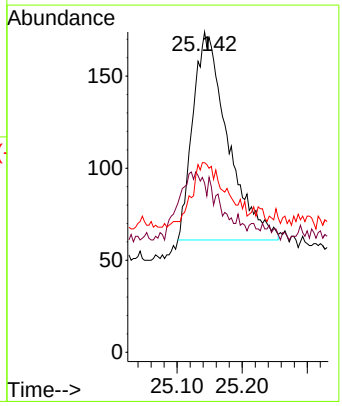
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214



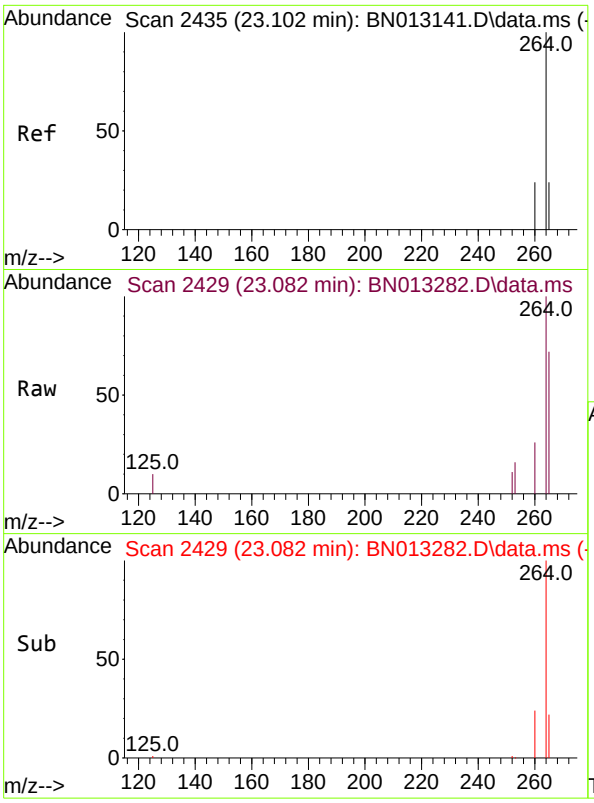
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.142 min Scan# 3031
Delta R.T. 0.020 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:276 Resp: 420

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



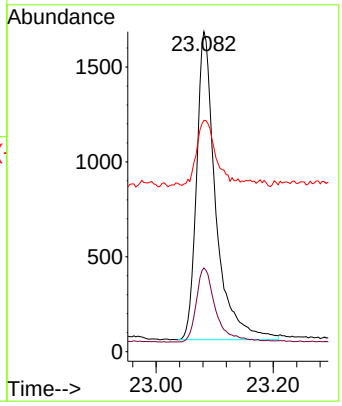
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

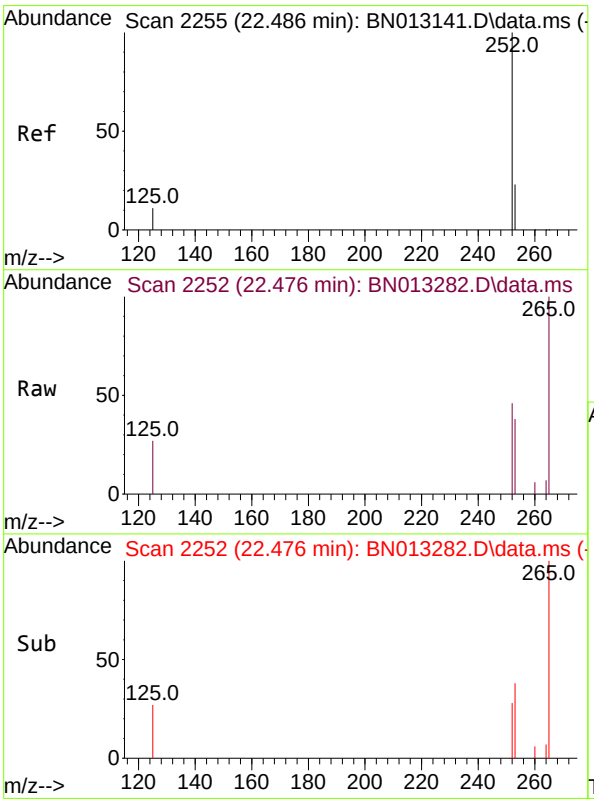


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:264 Resp: 3695

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.8	29.6
265	72.3	51.4	77.0

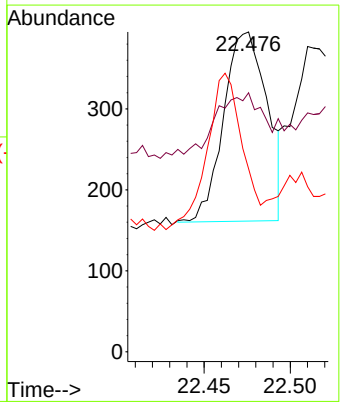




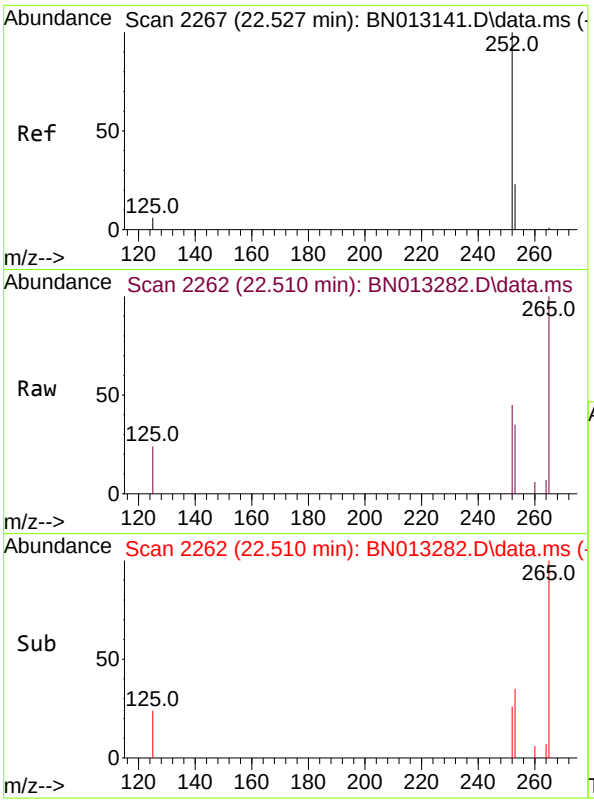
#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.476 min Scan# 2252
Delta R.T. 0.003 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:252 Resp: 412

Ion	Ratio	Lower	Upper
252	100		
253	81.0	20.1	30.1#
125	57.2	7.2	10.8#



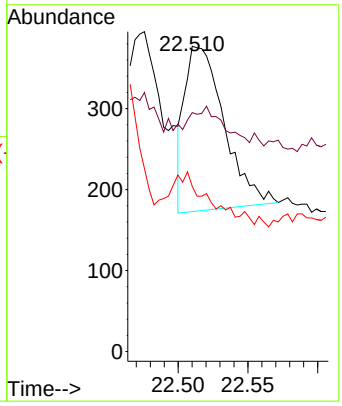
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

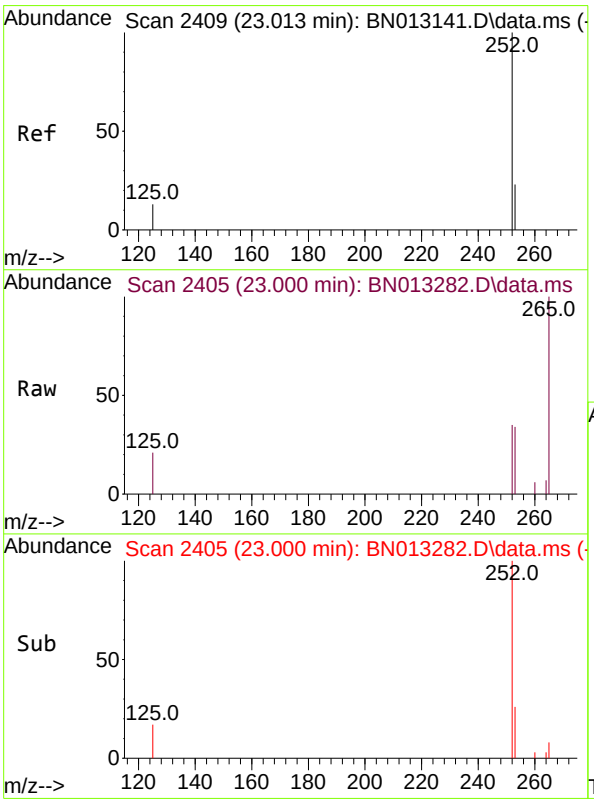


#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.510 min Scan# 2262
Delta R.T. -0.004 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:252 Resp: 400

Ion	Ratio	Lower	Upper
252	100		
253	78.2	19.8	29.8#
125	54.1	7.1	10.7#

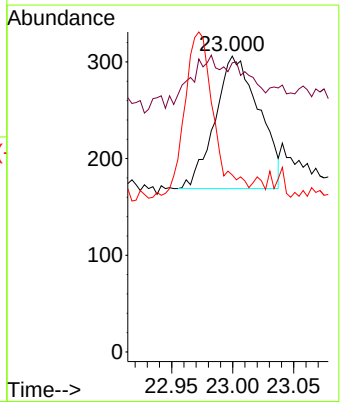




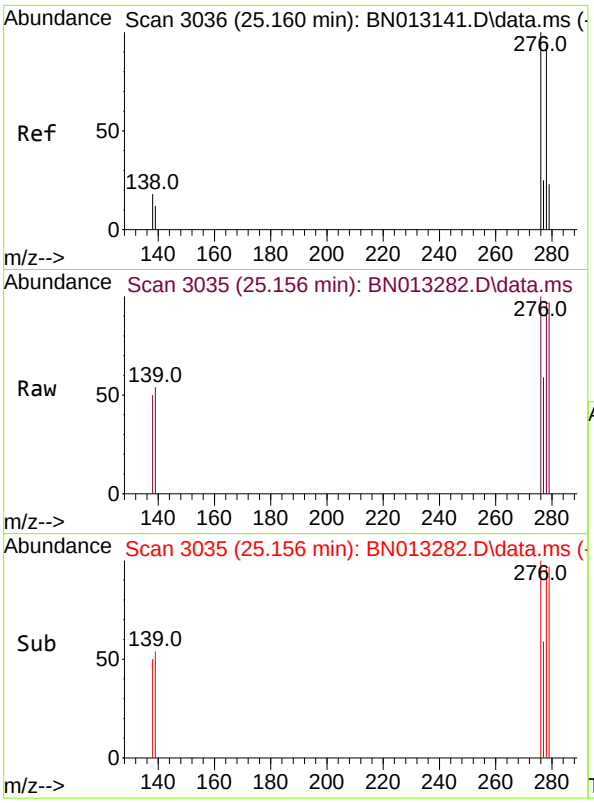
#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.000 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:252 Resp: 343

Ion	Ratio	Lower	Upper
252	100		
253	97.7	21.3	31.9#
125	59.8	8.3	12.5#



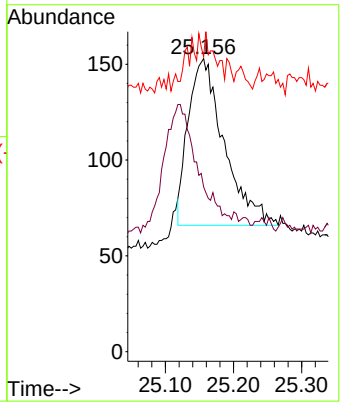
Instrument :
BNA_N
ClientSampleId :
RE123D2-20201214

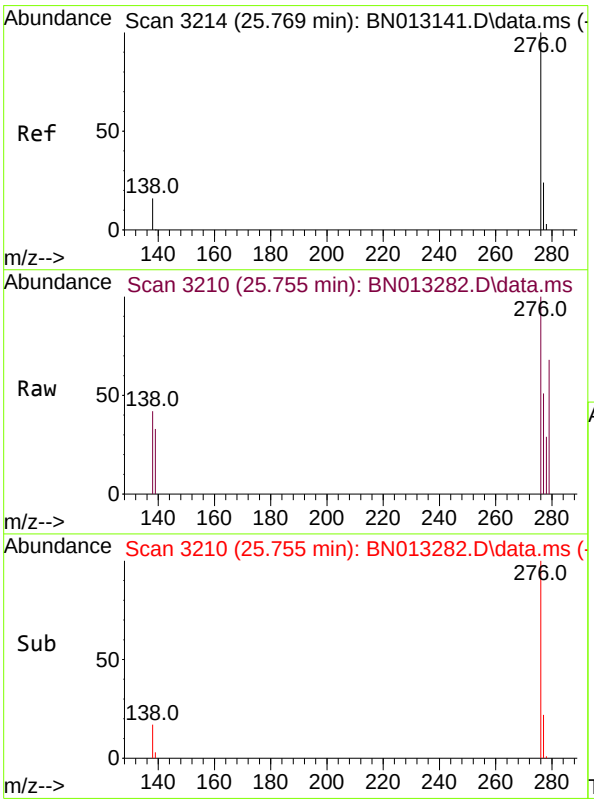


#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.156 min Scan# 3035
Delta R.T. 0.024 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:278 Resp: 319

Ion	Ratio	Lower	Upper
278	100		
139	56.2	9.3	13.9#
279	100.7	21.6	32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.755 min Scan# 3210
Delta R.T. 0.014 min
Lab File: BN013282.D
Acq: 22 Dec 2020 21:49

Tgt Ion:276 Resp: 590

Ion	Ratio	Lower	Upper
276	100		
277	51.2	19.8	29.8#
138	41.9	11.7	17.5#