Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013284.D
Acq On : 22 Dec 2020 23:01
Operator : CG/JU
Sample : L5124-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE109D3-20201211

Quant Time: Dec 23 00:54:36 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	664	0.40	ng		# 0.00
7) Naphthalene-d8	10.112	136	2058	0.40	ng		# 0.01
13) Acenaphthene-d10	13.991	164	1393	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	3065	0.40	ng		# 0.01
29) Chrysene-d12	20.992	240	3242	0.40	ng		# 0.00
36) Perylene-d12	23.083	264	3565	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	261	0.10	ng		0.00
5) Phenol-d6	6.565	99	125	0.05	ng		0.02
8) Nitrobenzene-d5	8.553	82	538	0.25	ng		0.05
11) 2-Methylnaphthalene-d10	11.724	152	917	0.25	ng		0.02
14) 2,4,6-Tribromophenol	15.526	330	210	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	1422	0.24	ng		0.00
27) Fluoranthene-d10	18.813	212	3637	0.36	ng		0.00
31) Terphenyl-d14	19.429	244	3052	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.917	88	4982	4.30	ng		96
3) n-Nitrosodimethylamine	3.207	42	40	0.02	ng	#	34
6) bis(2-Chloroethyl)ether	6.806	93	41	0.02	ng	#	64
20) 4,6-Dinitro-2-methylph...	15.336	198	1	0.19	ng	#	1
21) 4-Bromophenyl-phenylether	16.033	248	235	0.39	ng	#	71
23) Atrazine	16.020	200	172	0.09	ng	#	1
32) Benzo(a)anthracene	20.992	228	338	0.03	ng	#	60
33) Chrysene	21.035	228	399	0.03	ng	#	68
34) Bis(2-ethylhexyl)phtha...	20.918	149	468	Below Cal			93
35) Indeno(1,2,3-cd)pyrene	25.150	276	380	0.02	ng	#	54
37) Benzo(b)fluoranthene	22.477	252	390	0.03	ng	#	1
38) Benzo(k)fluoranthene	22.514	252	358	0.02	ng	#	1
39) Benzo(a)pyrene	23.000	252	378	0.03	ng	#	1
41) Benzo(g,h,i)perylene	25.759	276	440	0.03	ng	#	23

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

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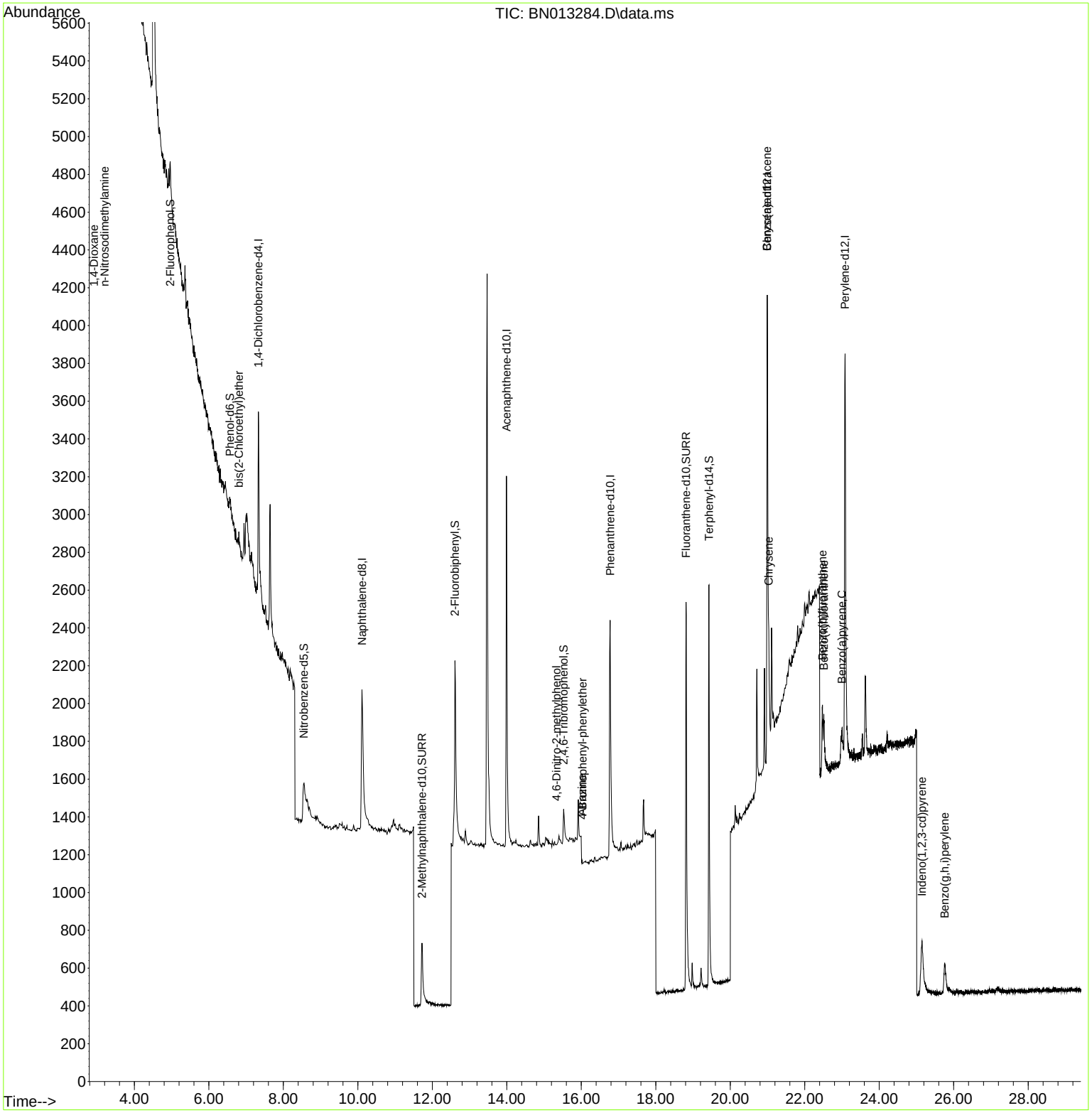
Quant Time: Dec 23 00:54:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration



Instrument :
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ClientSampleId :
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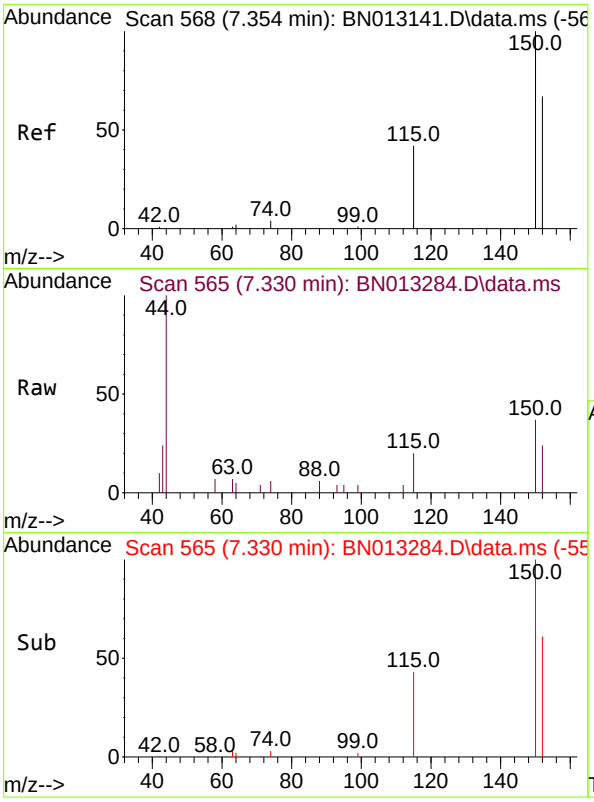
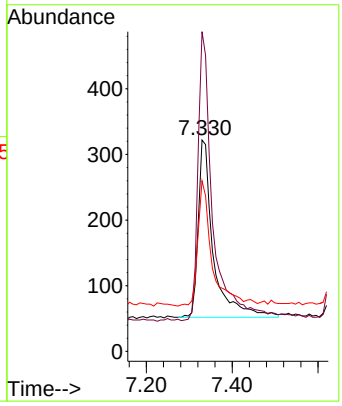
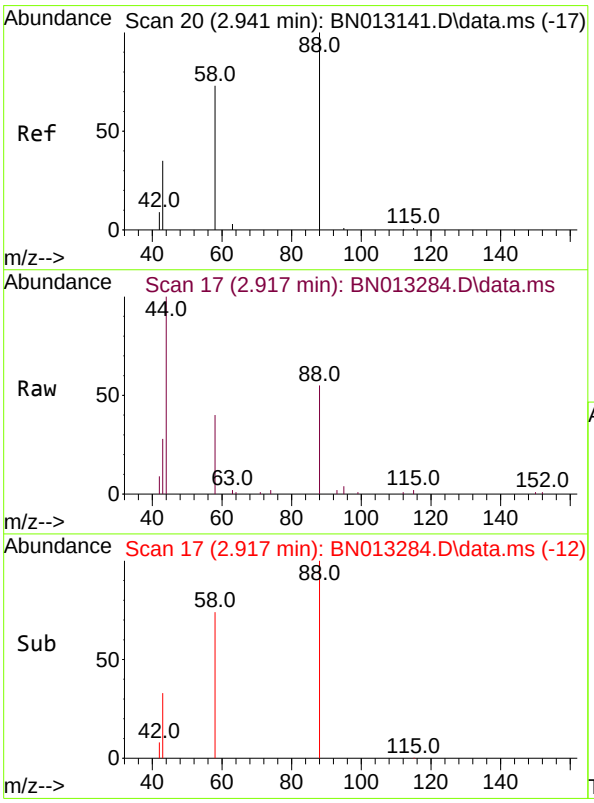


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:152 Resp: 664

Ion	Ratio	Lower	Upper
152	100		
150	151.2	116.6	174.8
115	80.7	52.9	79.3#

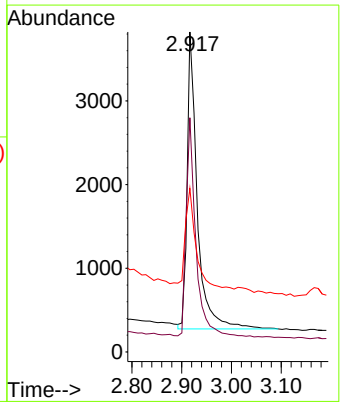




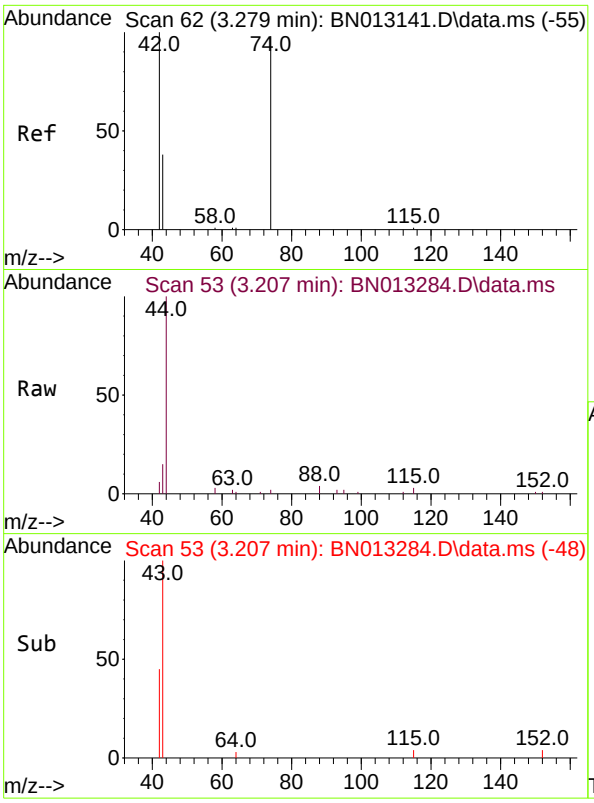
#2
1,4-Dioxane
Concen: 4.30 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 88 Resp: 4982

Ion	Ratio	Lower	Upper
88	100		
58	72.7	59.4	89.2
43	35.1	32.3	48.5



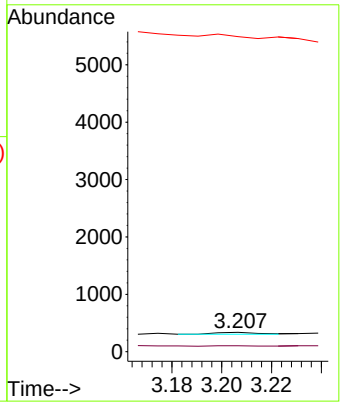
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

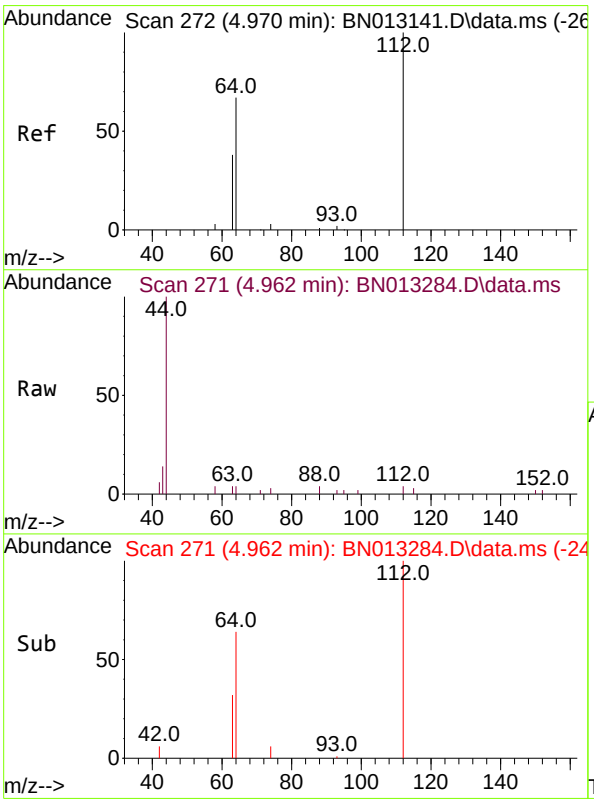


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.207 min Scan# 53
Delta R.T. -0.056 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 42 Resp: 40

Ion	Ratio	Lower	Upper
42	100		
74	20.0	64.4	96.6#
44	0.0	2.8	4.2#

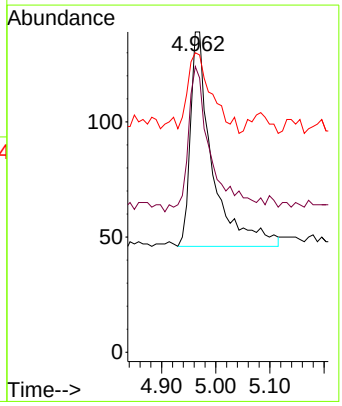




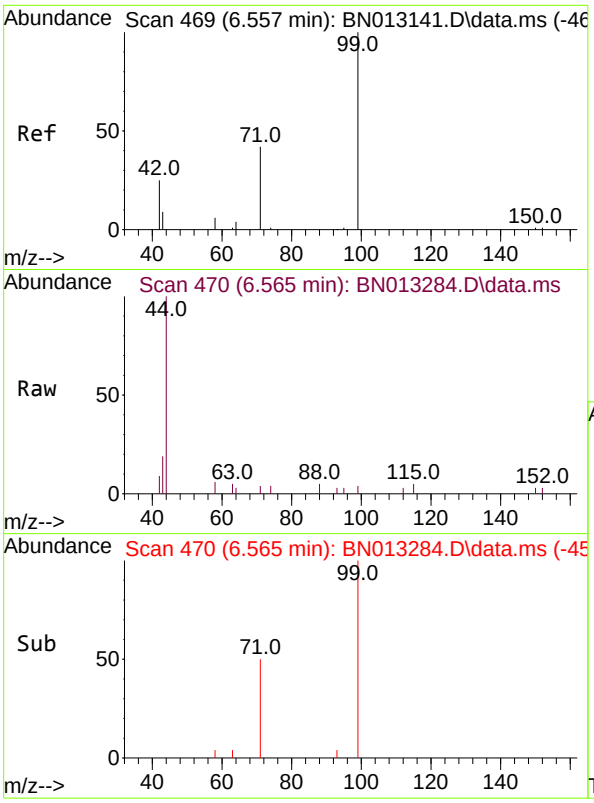
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:112 Resp: 261

Ion	Ratio	Lower	Upper
112	100		
64	70.1	49.5	74.3
63	44.8	32.0	48.0



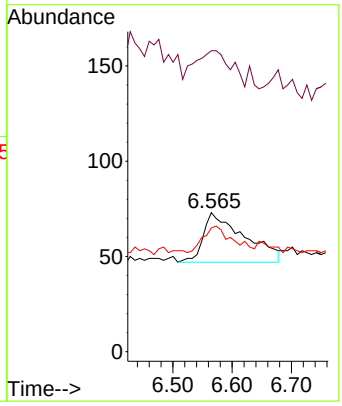
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

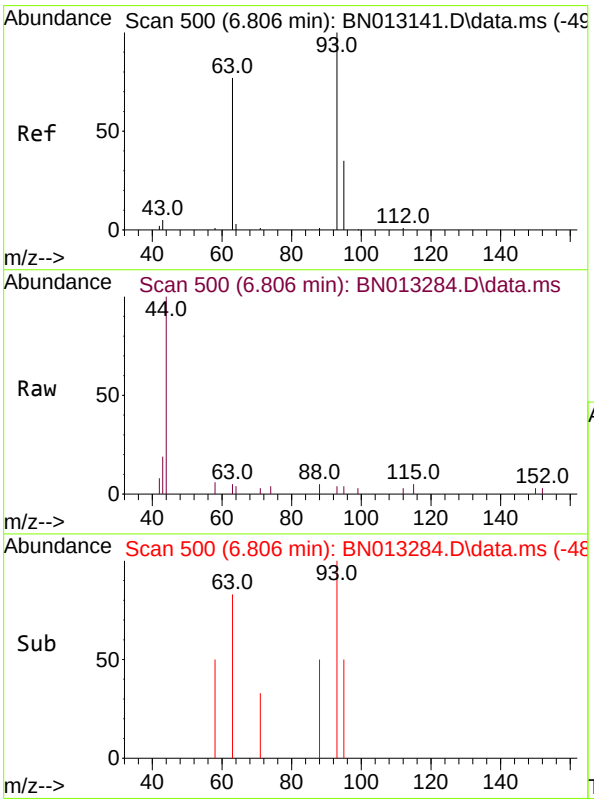


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 99 Resp: 125

Ion	Ratio	Lower	Upper
99	100		
42	59.2	22.4	33.6#
71	40.0	37.8	56.6

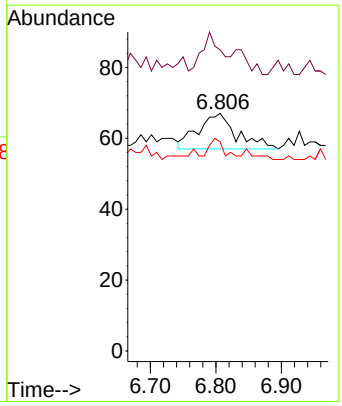




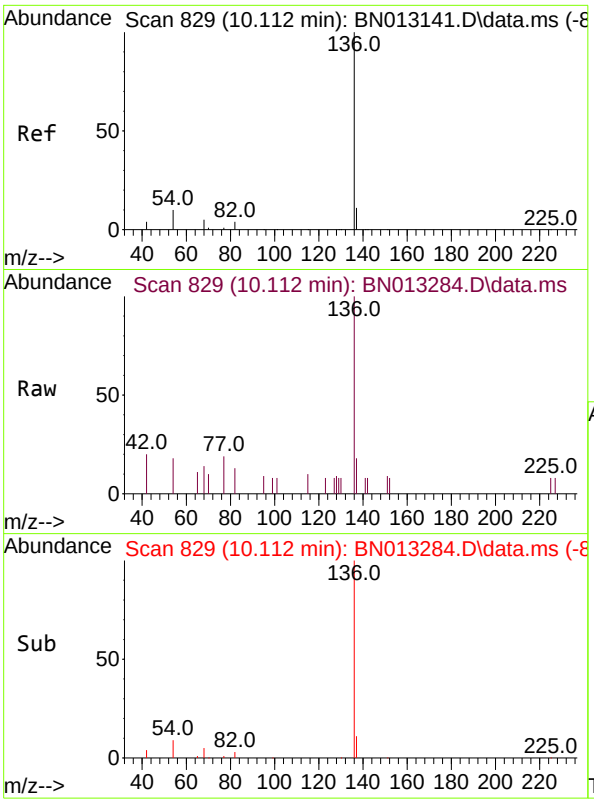
#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.806 min Scan# 500
Delta R.T. 0.024 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 93 Resp: 41

Ion	Ratio	Lower	Upper
93	100		
63	46.3	63.1	94.7#
95	14.6	26.1	39.1#



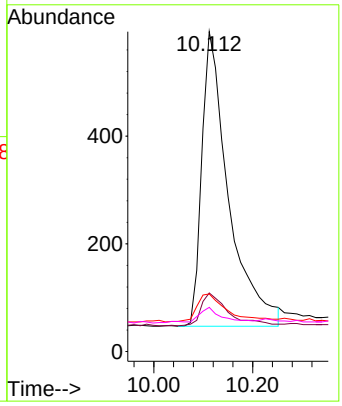
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

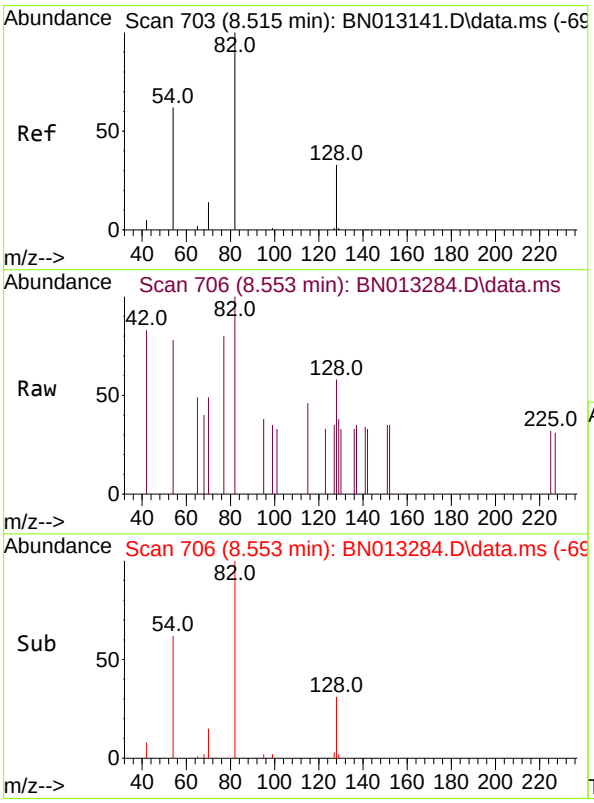


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:136 Resp: 2058

Ion	Ratio	Lower	Upper
136	100		
137	18.4	10.6	15.8#
54	18.0	8.6	12.8#
68	13.8	5.7	8.5#

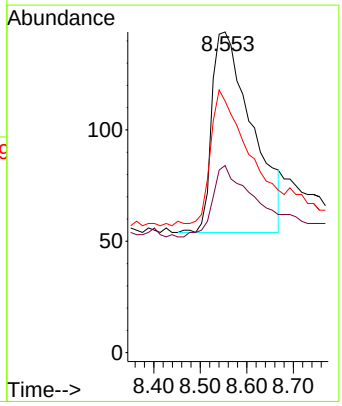


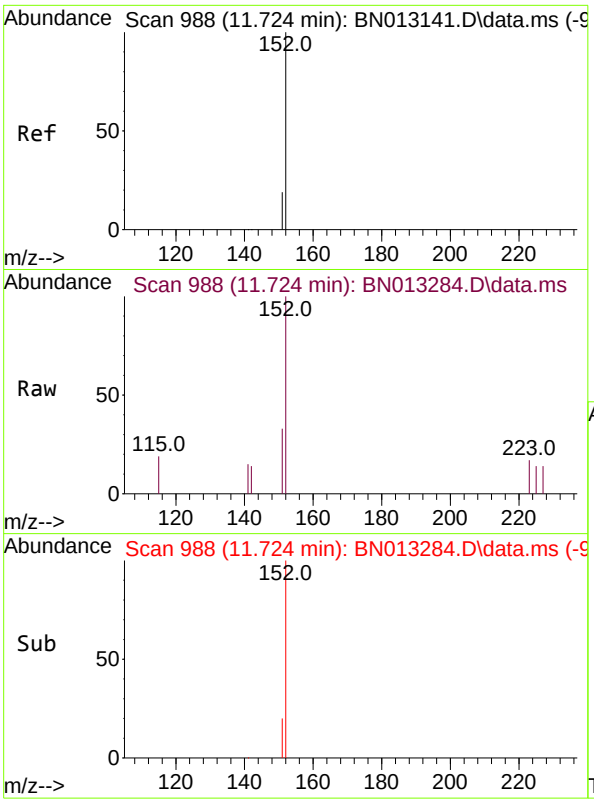


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.051 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion: 82 Resp: 538

Ion	Ratio	Lower	Upper
82	100		
128	58.3	30.6	46.0#
54	78.5	48.3	72.5#

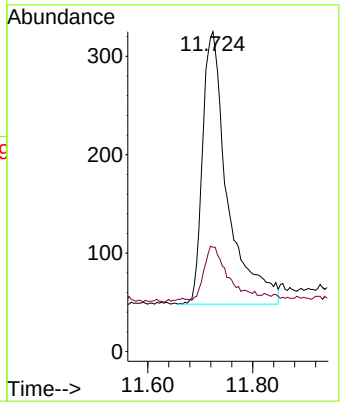




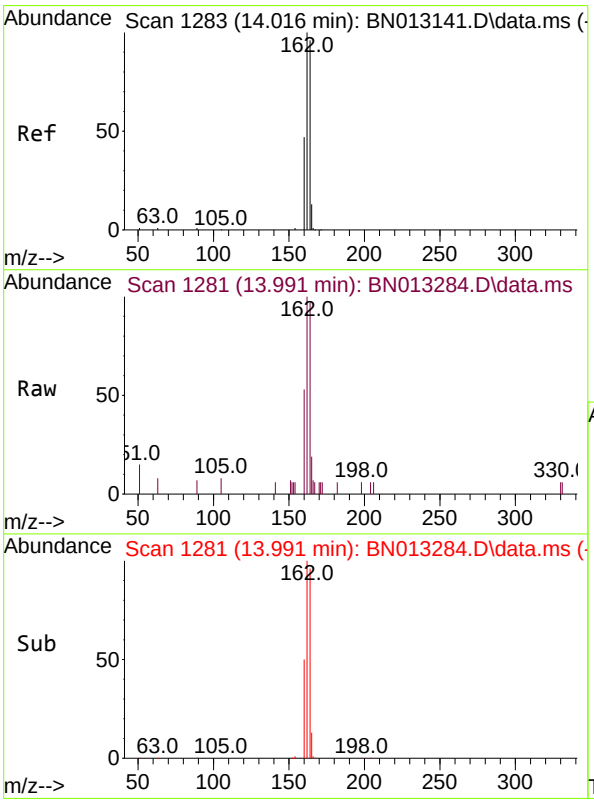
#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:152 Resp: 917

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.7	25.1



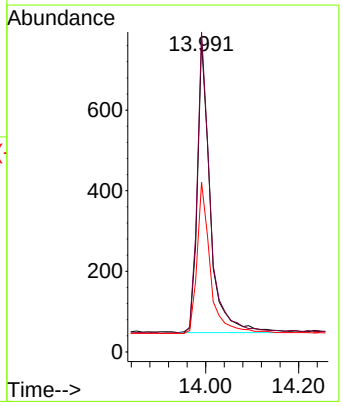
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211



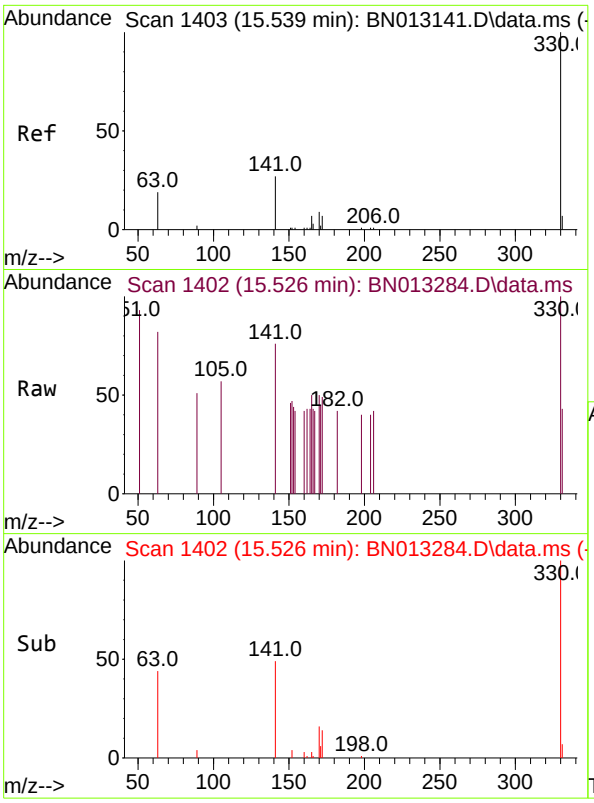
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:164 Resp: 1393

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	54.5	39.5	59.3



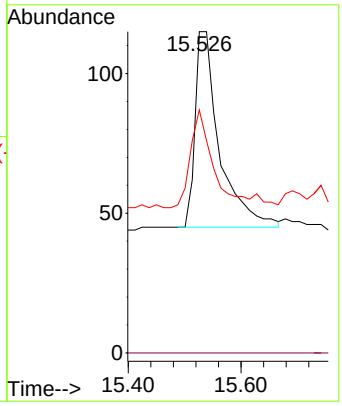
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

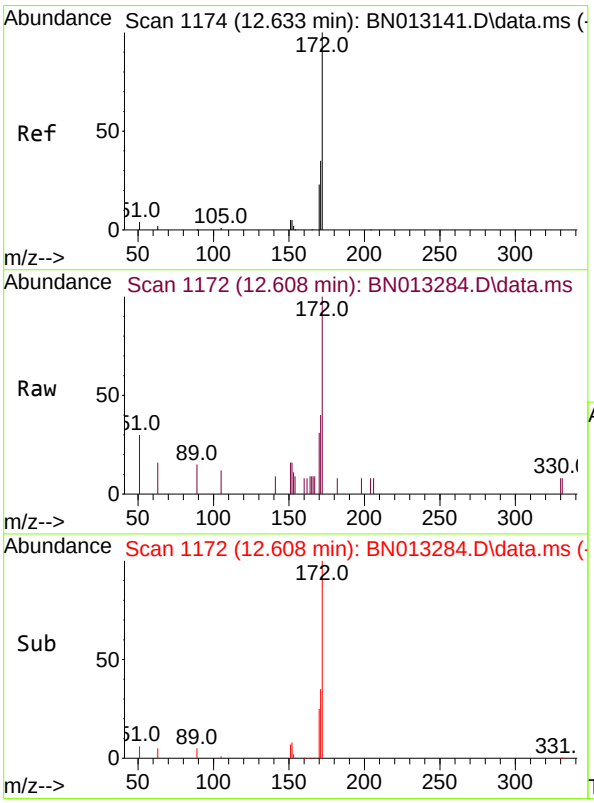


#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:330 Resp: 210

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.0	34.4	51.6

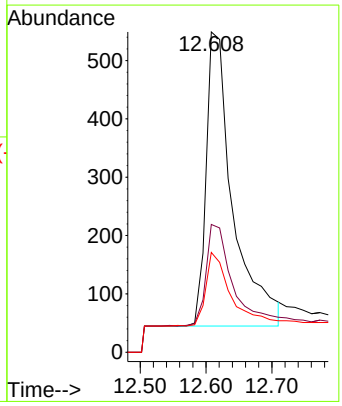


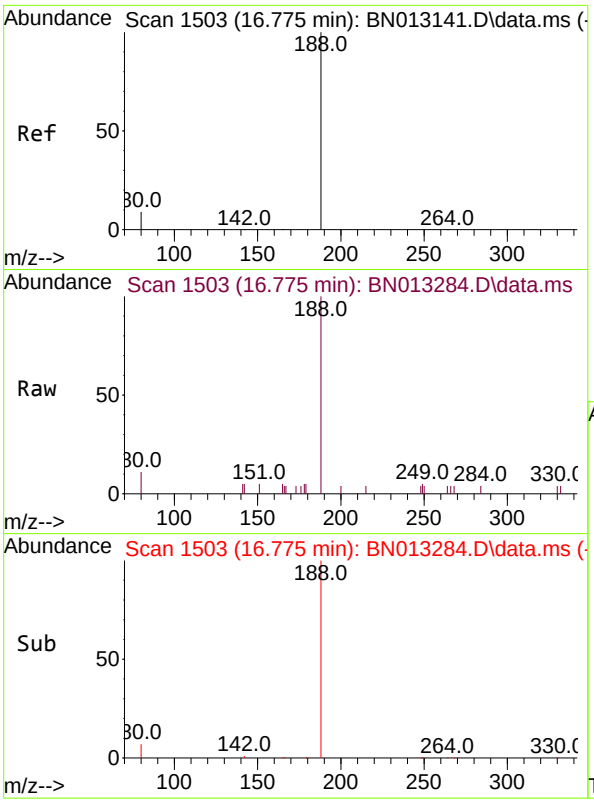


#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:172 Resp: 1422

Ion	Ratio	Lower	Upper
172	100		
171	39.9	28.2	42.4
170	31.1	20.0	30.0#

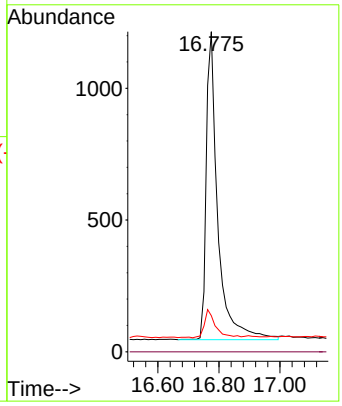




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:188 Resp: 3065

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	5.0	7.4#



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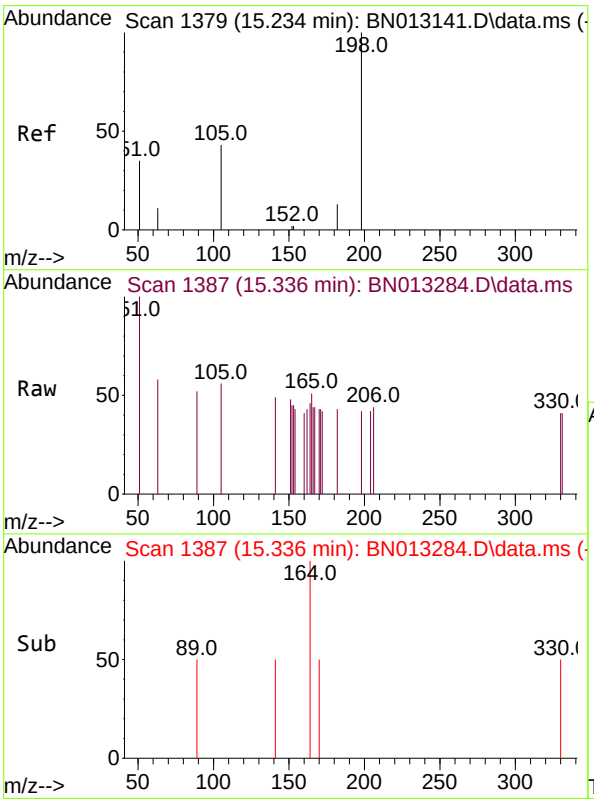
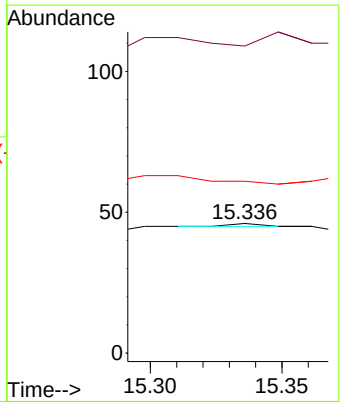


#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.336 min Scan# 1387
Delta R.T. 0.114 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	237.0	43.5	65.3#
105	132.6	27.2	40.8#



Instrument :
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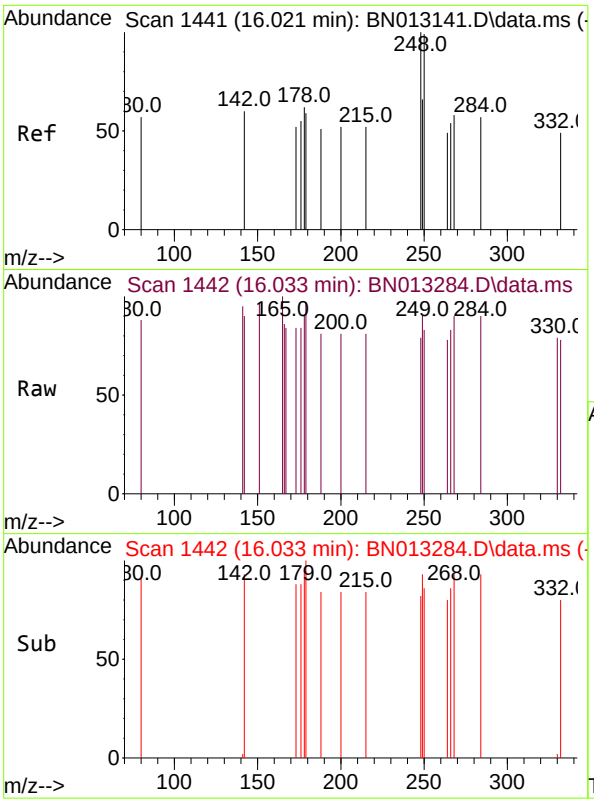
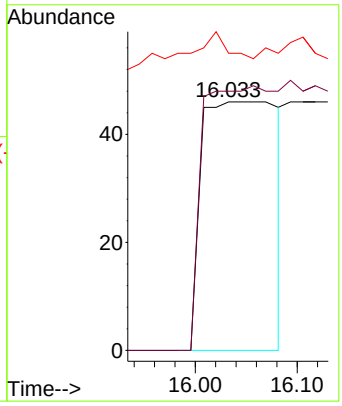
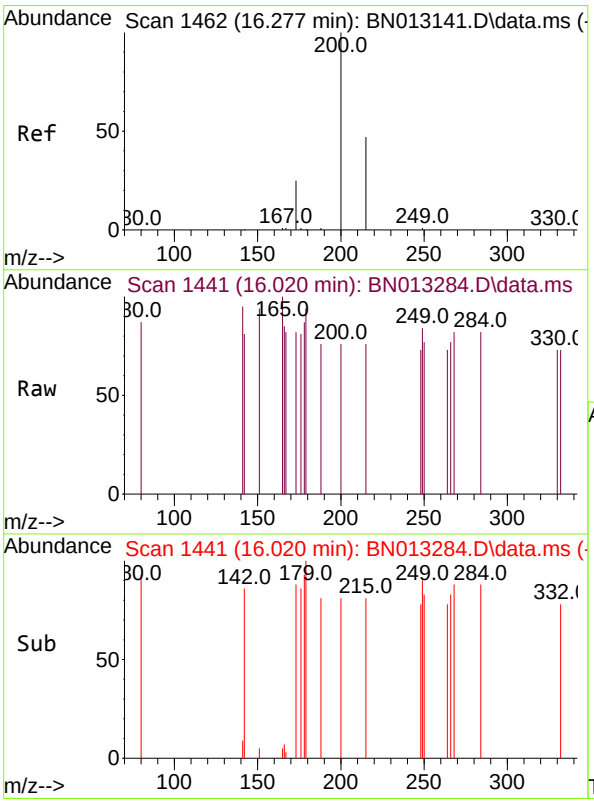


#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:248 Resp: 235

Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.3	115.9
141	119.6	57.8	86.8#

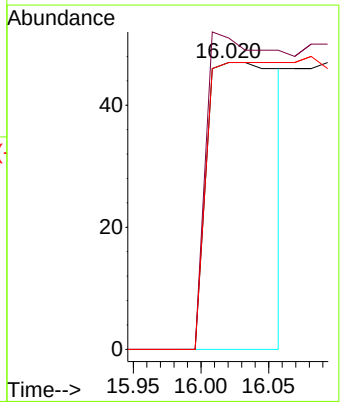




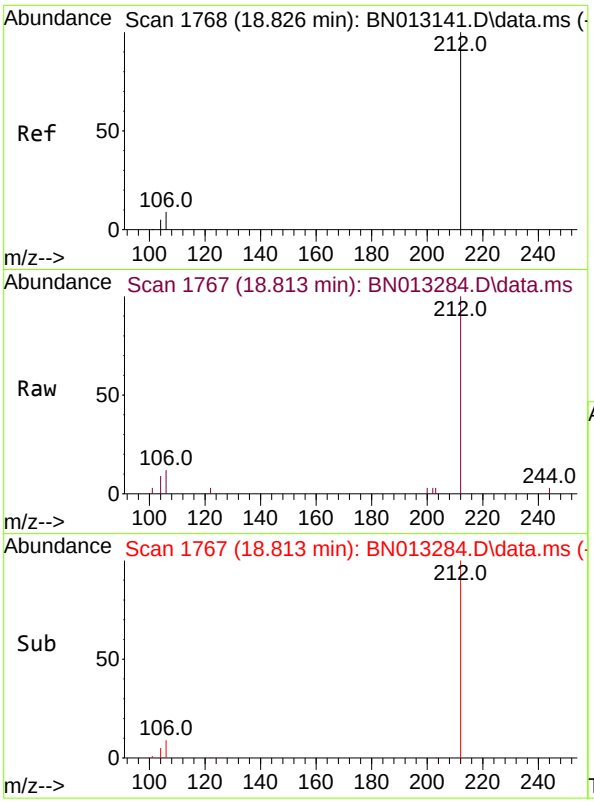
#23
Atrazine
Concen: 0.09 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:200 Resp: 172

Ion	Ratio	Lower	Upper
200	100		
173	108.5	22.8	34.2#
215	100.0	38.1	57.1#



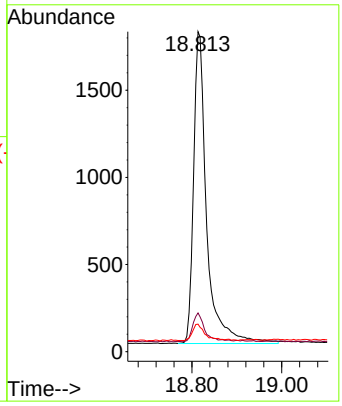
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

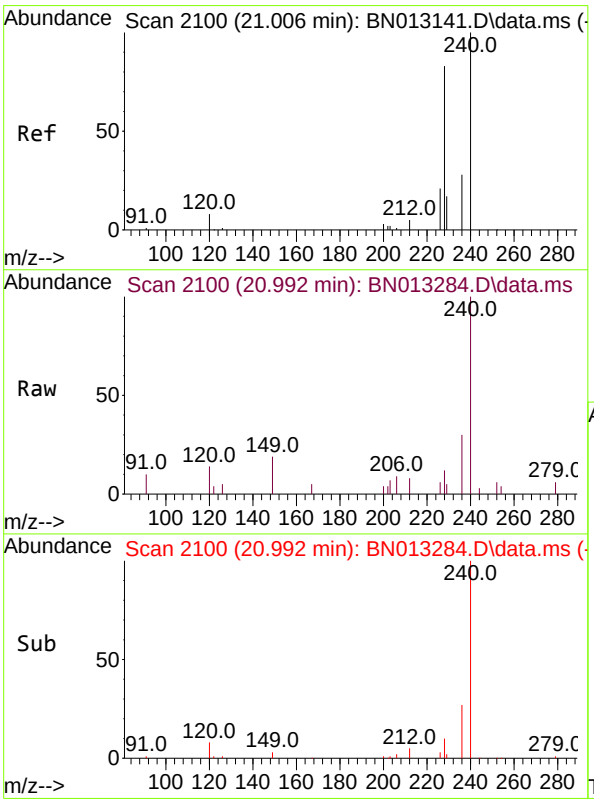


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:212 Resp: 3637

Ion	Ratio	Lower	Upper
212	100		
106	8.6	6.8	10.2
104	4.9	4.1	6.1

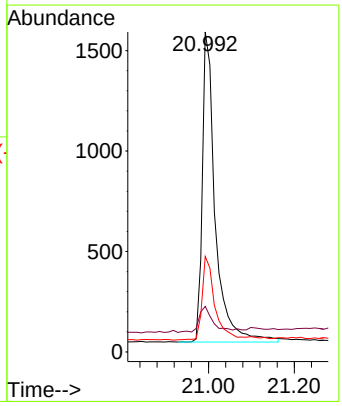




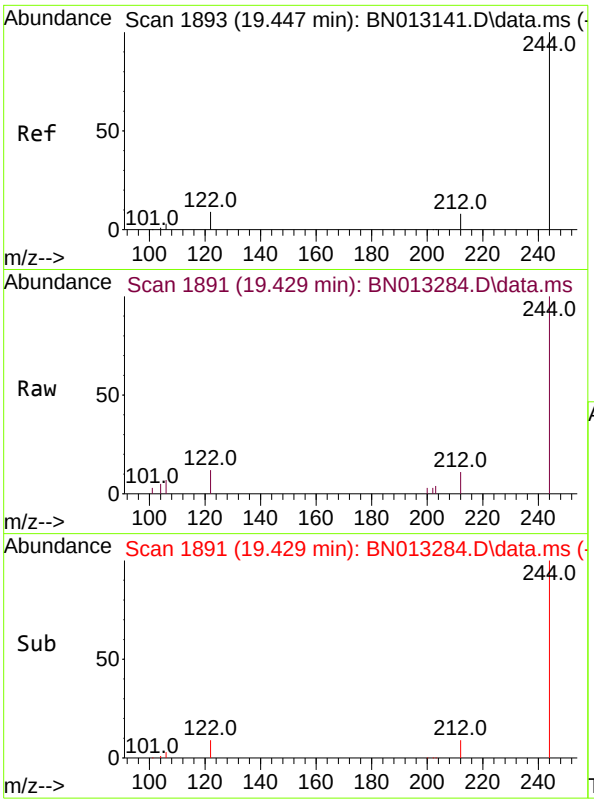
#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:240 Resp: 3242

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.3	7.9#
236	29.8	21.8	32.8



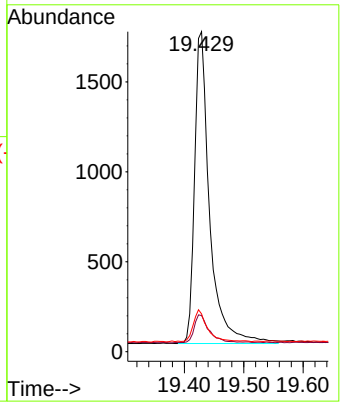
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

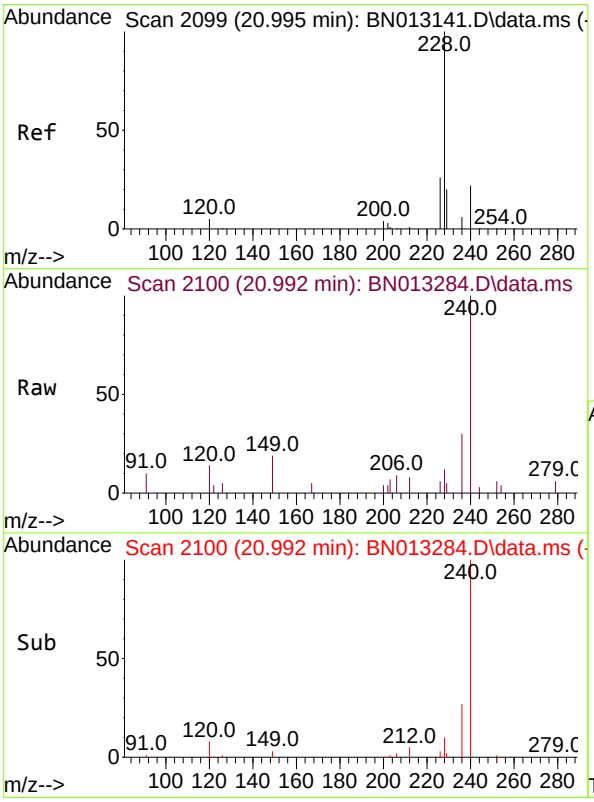


#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:244 Resp: 3052

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.3	10.9#
122	11.8	7.3	10.9#

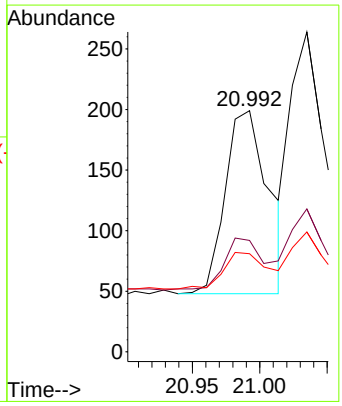




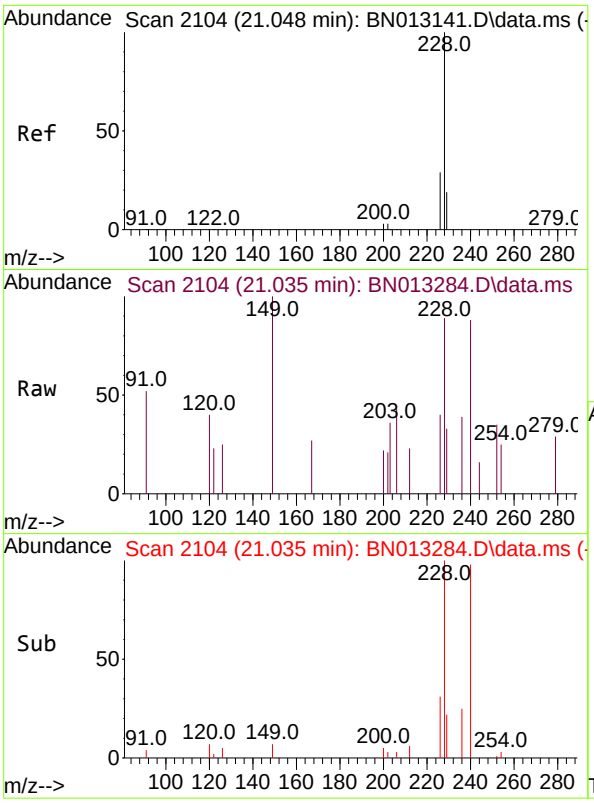
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.992 min Scan# 2100
Delta R.T. 0.008 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:228 Resp: 338

Ion	Ratio	Lower	Upper
228	100		
226	46.2	22.3	33.5#
229	40.7	15.7	23.5#



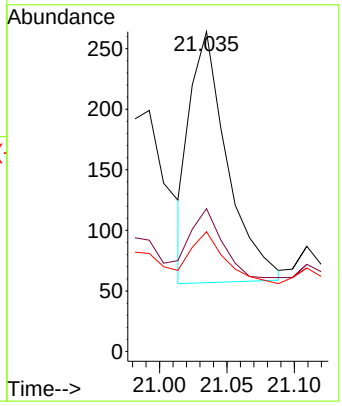
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

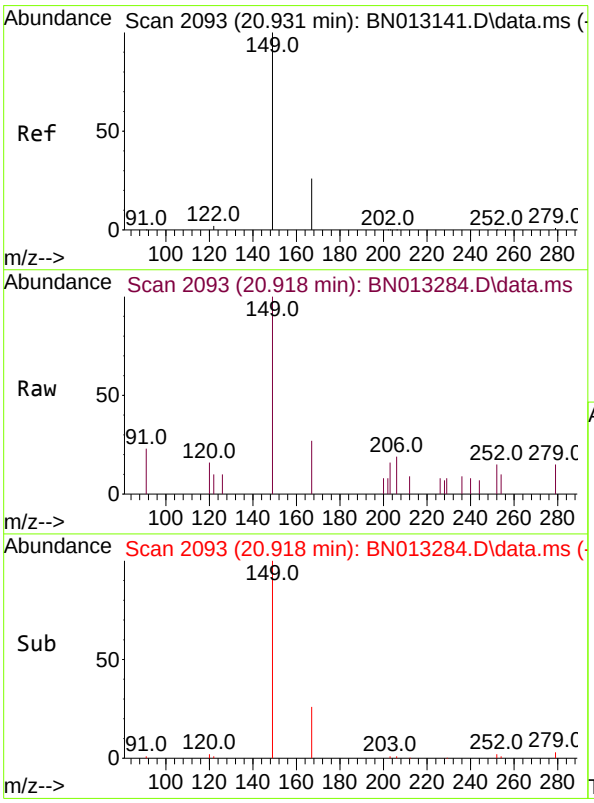


#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:228 Resp: 399

Ion	Ratio	Lower	Upper
228	100		
226	44.7	24.2	36.2#
229	37.5	15.7	23.5#

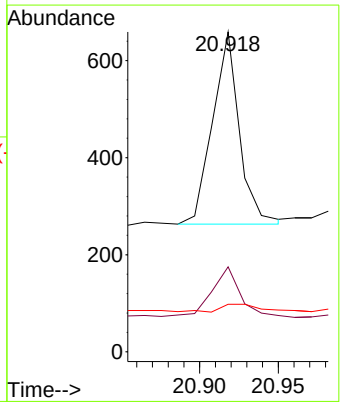


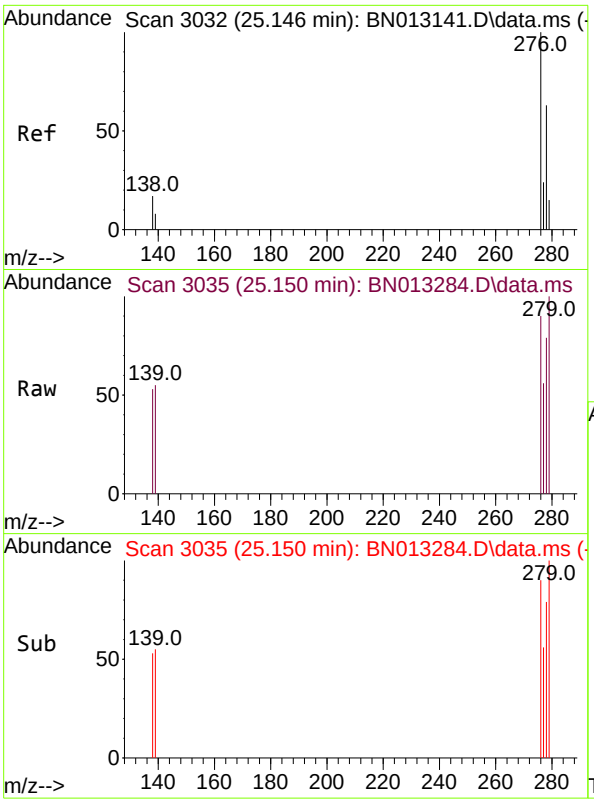


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:149 Resp: 468

Ion	Ratio	Lower	Upper
149	100		
167	24.6	23.2	34.8
279	5.3	3.9	5.9

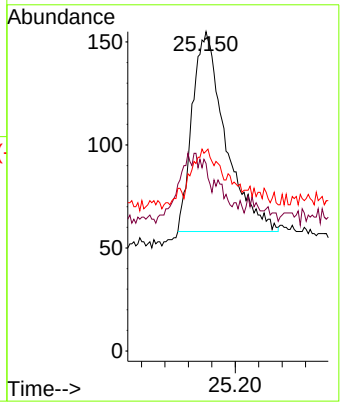




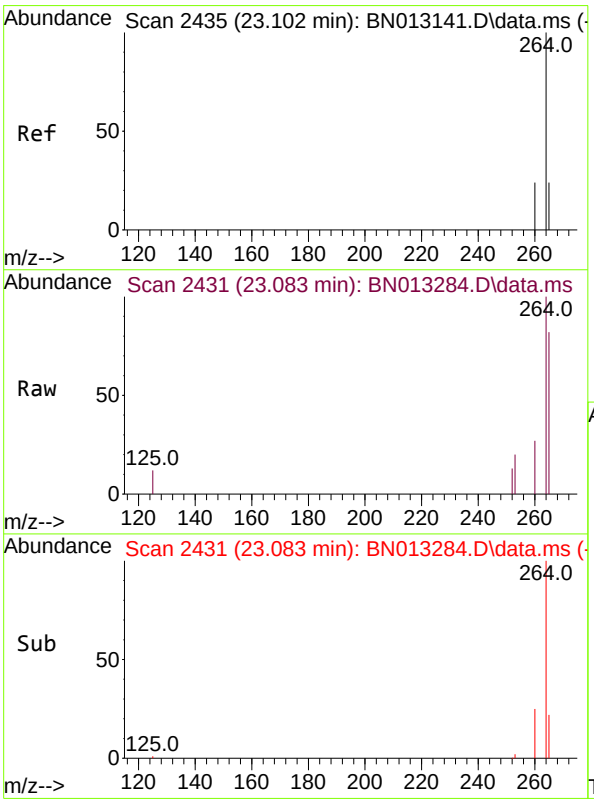
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.150 min Scan# 3035
Delta R.T. 0.028 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:276 Resp: 380

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



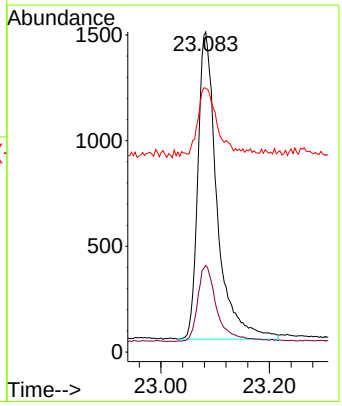
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

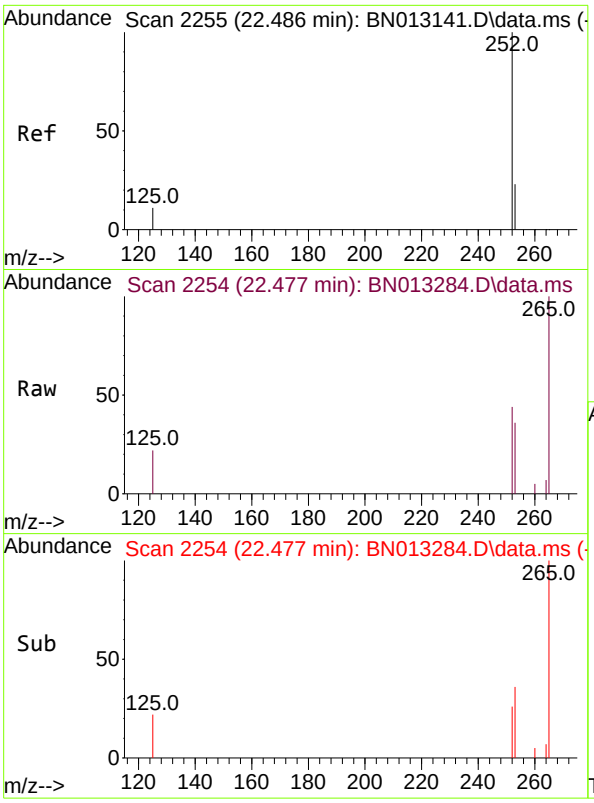


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:264 Resp: 3565

Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.8	29.6
265	82.4	51.4	77.0#

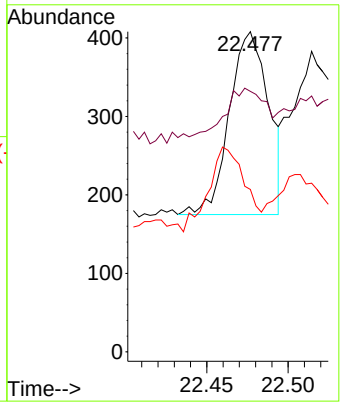




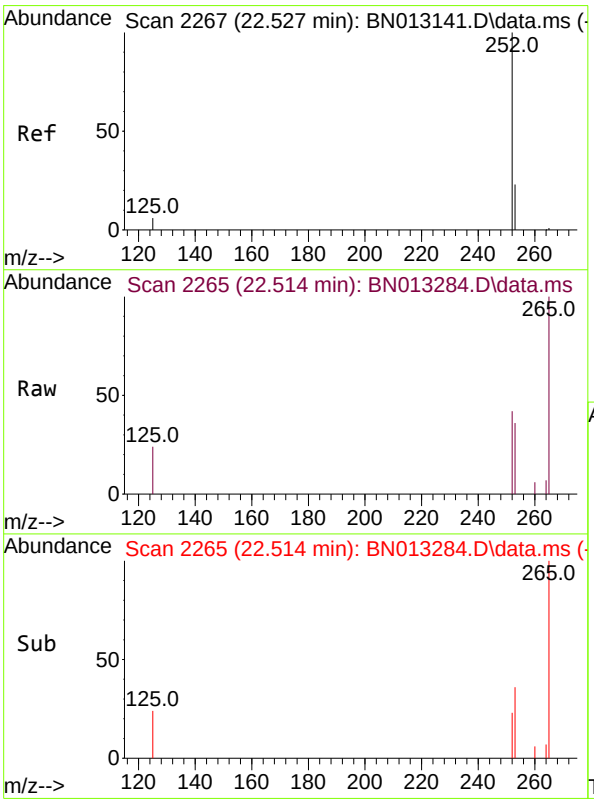
#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:252 Resp: 390

Ion	Ratio	Lower	Upper
252	100		
253	81.4	20.1	30.1#
125	50.7	7.2	10.8#



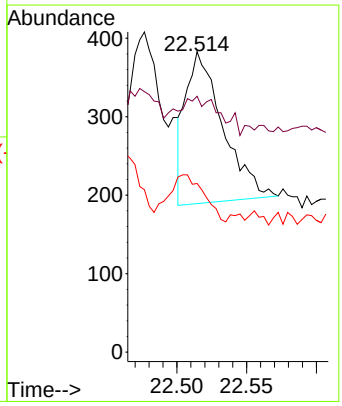
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211



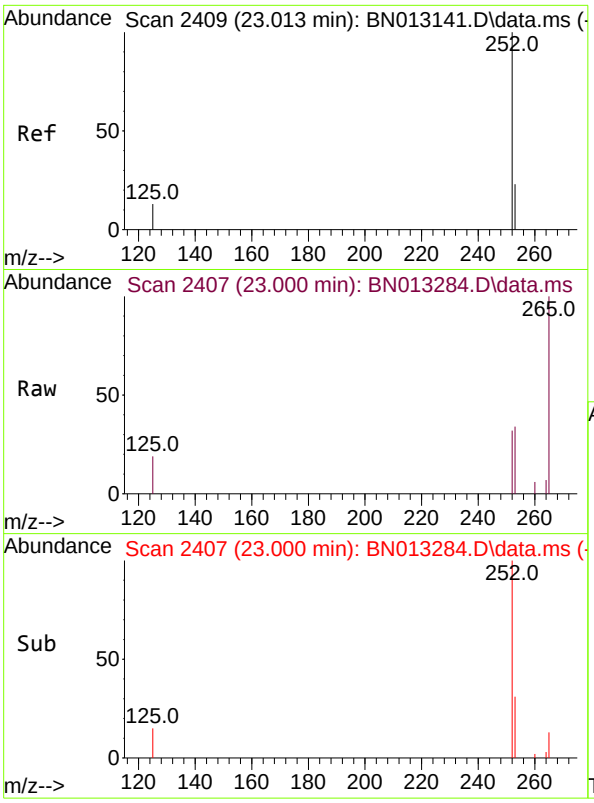
#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:252 Resp: 358

Ion	Ratio	Lower	Upper
252	100		
253	85.1	19.8	29.8#
125	56.1	7.1	10.7#



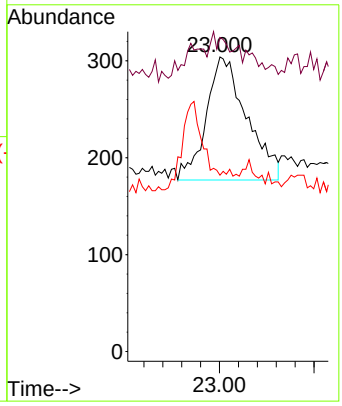
Instrument :
BNA_N
ClientSampleId :
RE109D3-20201211

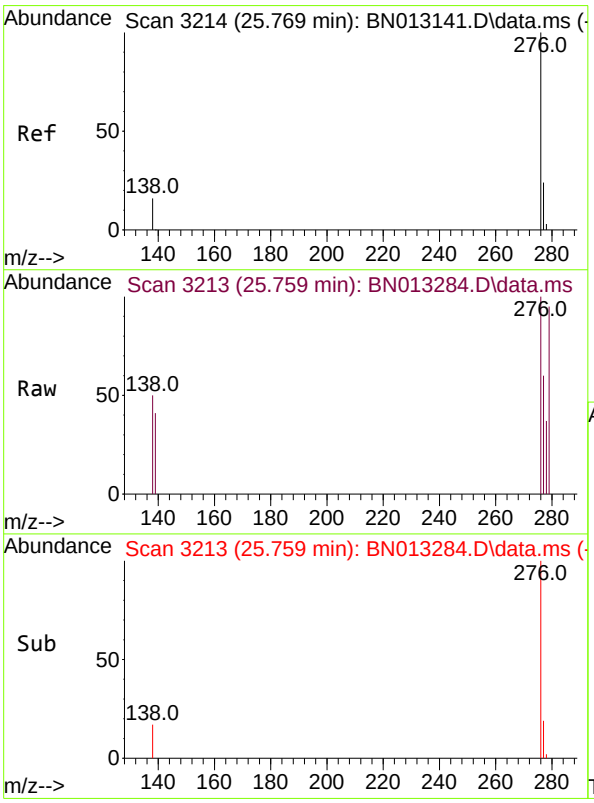


#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.000 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:252 Resp: 378

Ion	Ratio	Lower	Upper
252	100		
253	106.6	21.3	31.9#
125	59.9	8.3	12.5#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.759 min Scan# 3213
Delta R.T. 0.018 min
Lab File: BN013284.D
Acq: 22 Dec 2020 23:01

Tgt Ion:276 Resp: 440

Ion	Ratio	Lower	Upper
276	100		
277	60.4	19.8	29.8#
138	50.0	11.7	17.5#