Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048711.D
Acq On : 15 Apr 2021 16:22
Operator : CG/JU
Sample : M2008-02DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NANUET-ST-041221DL

Quant Time: Apr 15 16:58:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	34129	20.00	ng		0.00
21) Naphthalene-d8	10.911	136	142951	20.00	ng		0.00
39) Acenaphthene-d10	14.741	164	85180	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	176518	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	155223	20.00	ng		0.00
86) Perylene-d12	25.153	264	155540	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	86090	42.19	ng		0.00
7) Phenol-d6	7.244	99	113522	39.33	ng		0.00
23) Nitrobenzene-d5	9.254	82	89870	28.15	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	46229	40.48	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	166329	28.20	ng		0.00
79) Terphenyl-d14	20.106	244	167255	18.55	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.260	70	14982	7.69	ng	#	67
41) Hexachlorocyclopentadiene	12.573	237	61	5.90	ng	#	31
49) Acenaphthylene	14.465	152	19395	2.59	ng		97
51) 2,6-Dinitrotoluene	14.741	165	11558	7.84	ng	#	10
71) Phenanthrene	17.538	178	197244	21.53	ng		97
72) Anthracene	17.632	178	21558	2.38	ng		98
75) Fluoranthene	19.553	202	338977	29.26	ng		99
78) Pyrene	19.918	202	348985	32.50	ng		99
81) Benzo(a)anthracene	21.780	228	152950	14.42	ng		97
83) Chrysene	21.845	228	162842	16.12	ng		96
87) Indeno(1,2,3-cd)pyrene	28.989	276	84767	7.42	ng	#	81
88) Benzo(b)fluoranthene	24.083	252	179477	17.01	ng	#	91
89) Benzo(k)fluoranthene	24.083	252	179477	18.09	ng	#	95
90) Benzo(a)pyrene	24.994	252	142222	14.63	ng		96
92) Benzo(g,h,i)perylene	30.176	276	36681	3.79	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
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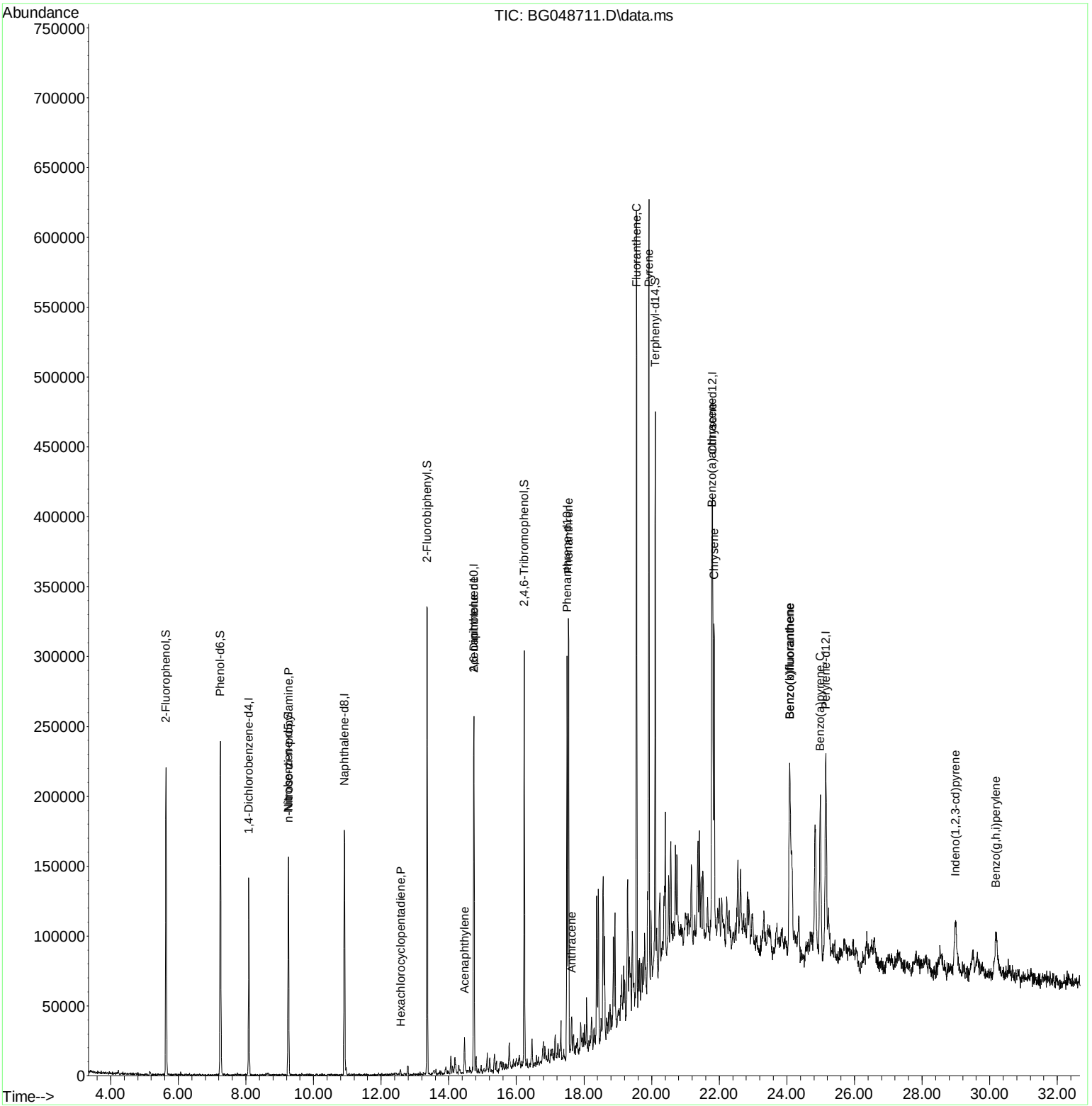
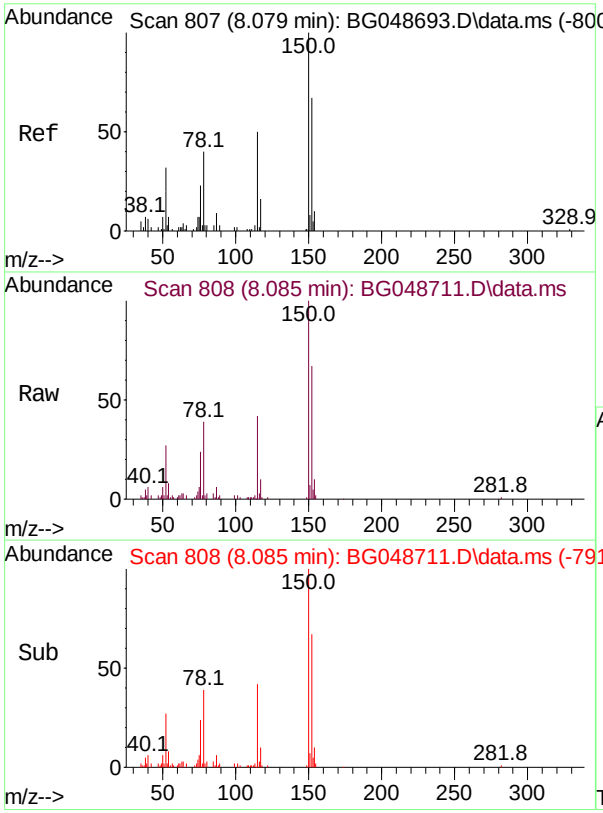
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

Quant Time: Apr 15 16:58:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration



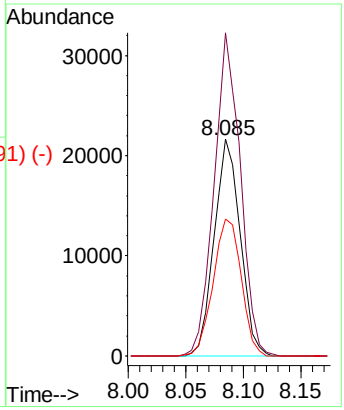
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

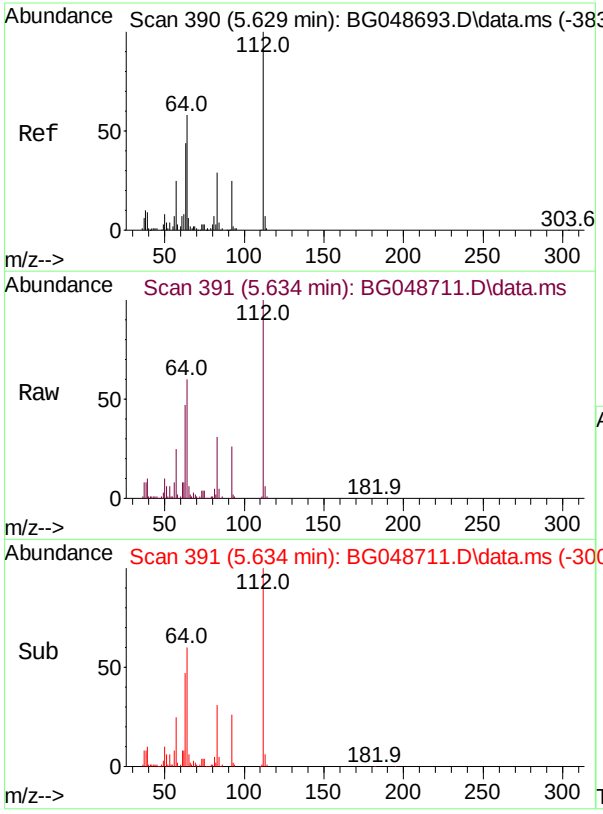


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:152 Resp: 34129

Ion	Ratio	Lower	Upper
152	100		
150	149.1	119.4	179.0
115	63.2	60.2	90.4

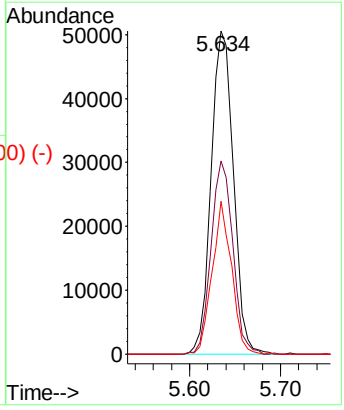




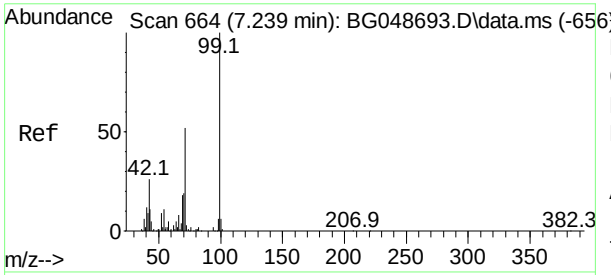
#5
2-Fluorophenol
Concen: 42.19 ng
RT: 5.634 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:112 Resp: 86090

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.7	70.1
63	47.2	35.3	52.9



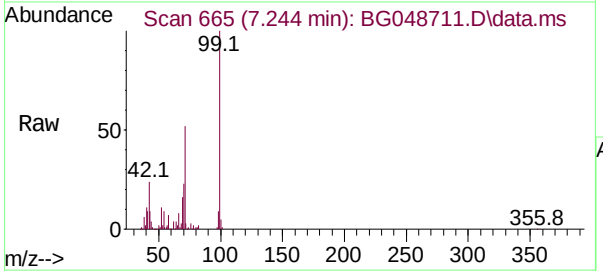
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

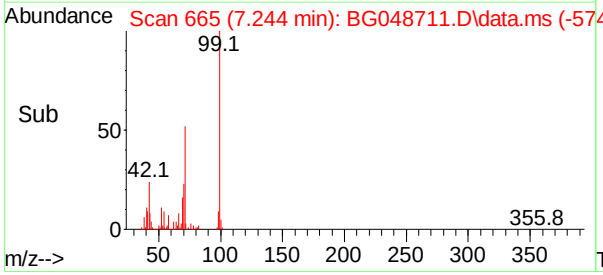


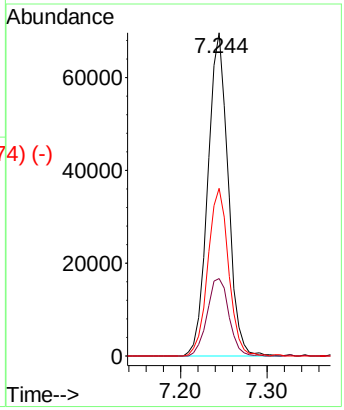
#7
Phenol-d6
Concen: 39.33 ng
RT: 7.244 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

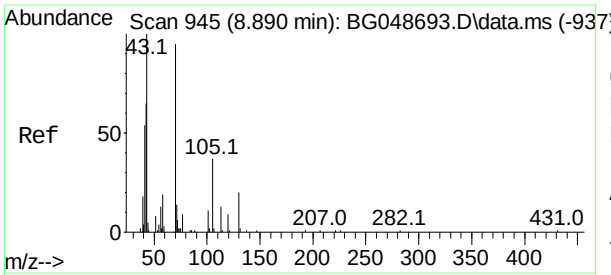
Tgt Ion: 99 Resp: 113522

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.5	30.7
71	51.9	41.5	62.3





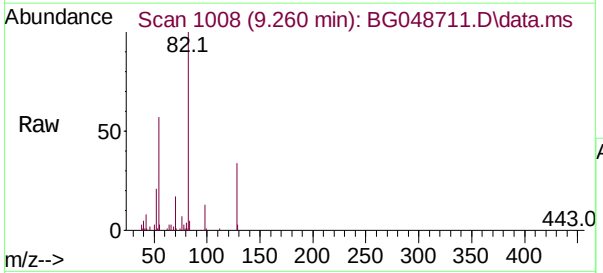


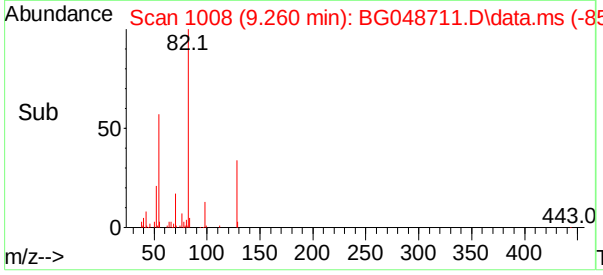


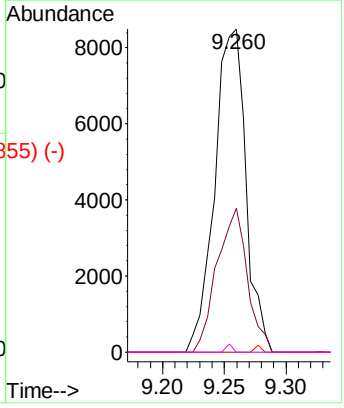
#19
n-Nitroso-di-n-propylamine
Concen: 7.69 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.367 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion: 70 Resp: 14982

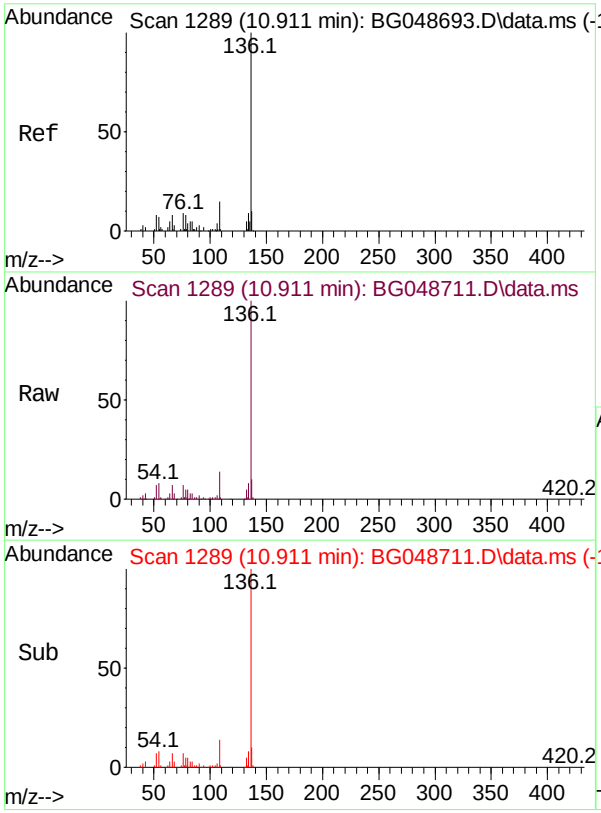
Ion	Ratio	Lower	Upper
70	100		
42	44.5	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#







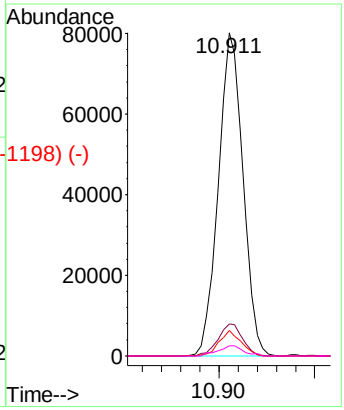
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

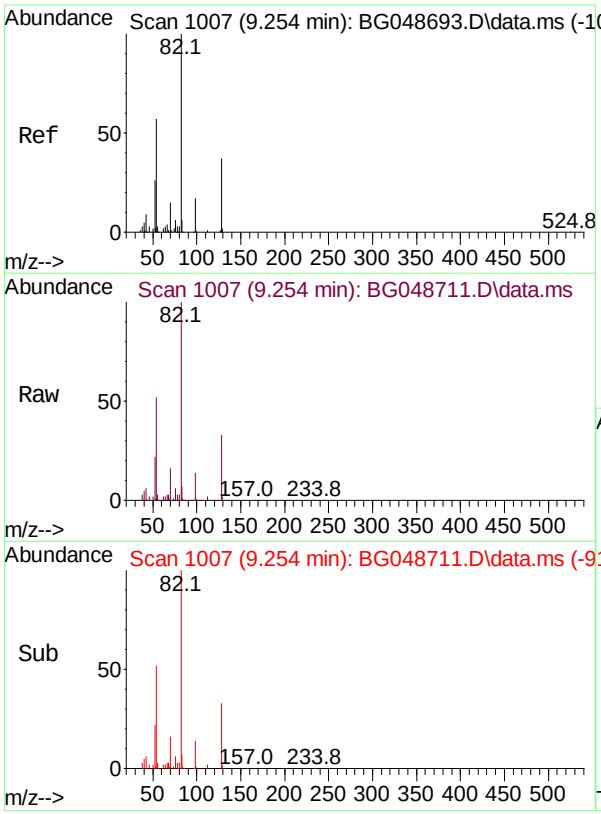


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:136 Resp: 142951

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	7.8	5.5	8.3
68	3.1	2.3	3.5

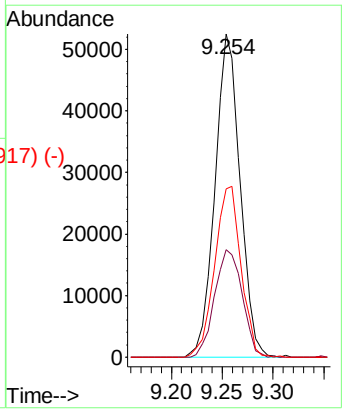




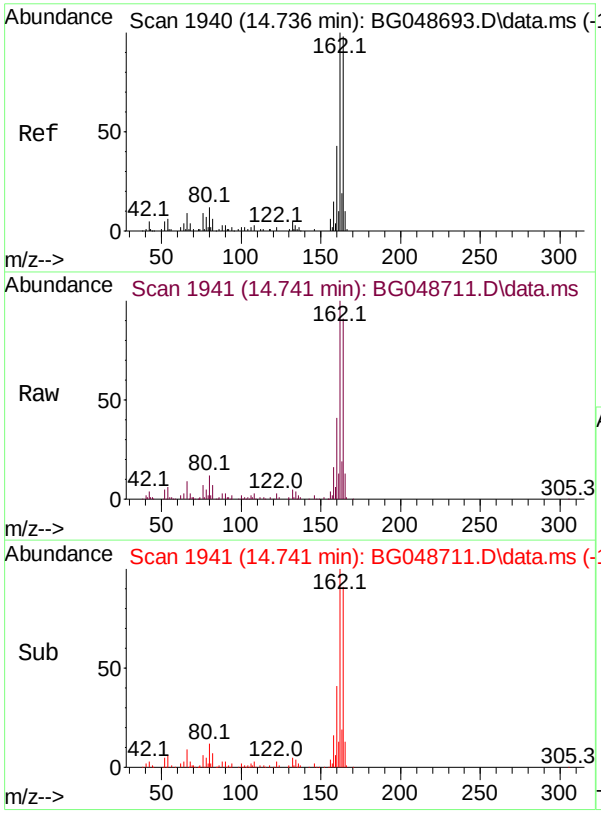
#23
Nitrobenzene-d5
Concen: 28.15 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion: 82 Resp: 89870

Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.8	44.6
54	52.1	45.8	68.8



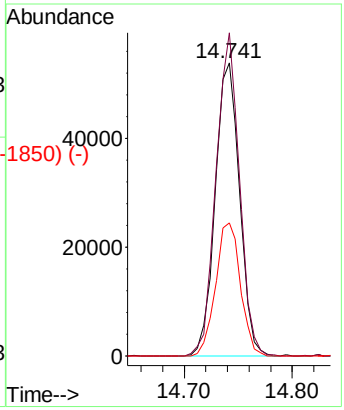
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

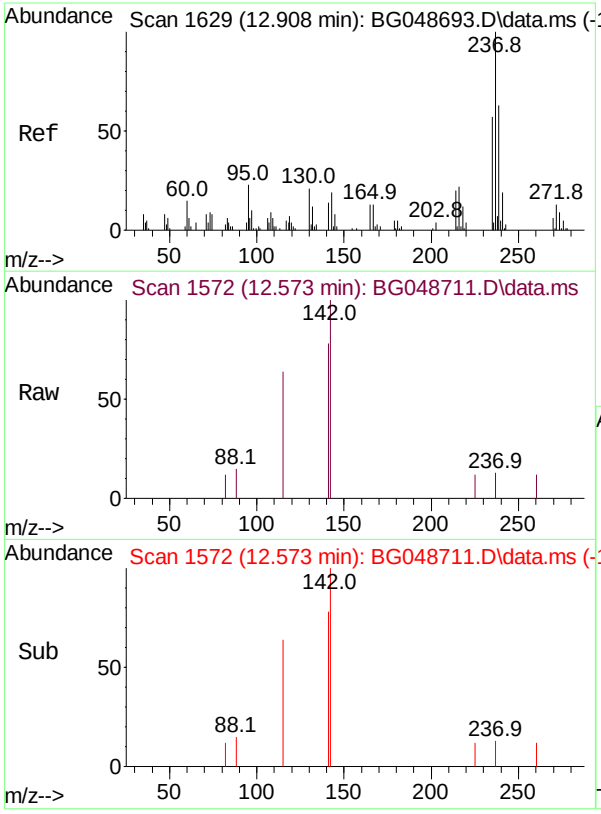


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:164 Resp: 85180

Ion	Ratio	Lower	Upper
164	100		
162	110.2	81.4	122.0
160	45.4	34.9	52.3

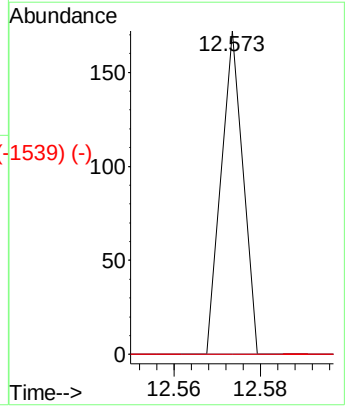




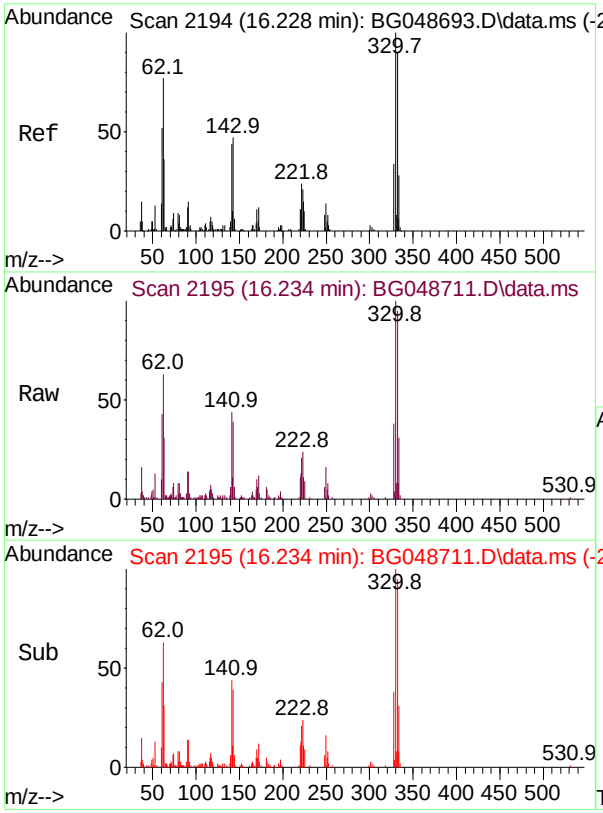
#41
Hexachlorocyclopentadiene
Concen: 5.90 ng
RT: 12.573 min Scan# 1572
Delta R.T. -0.338 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:237 Resp: 61

Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



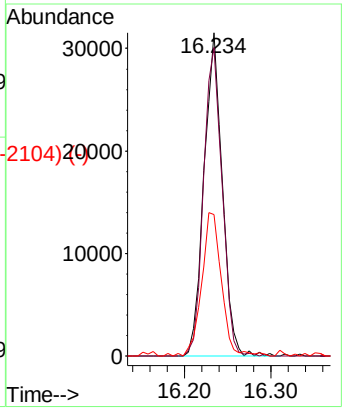
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

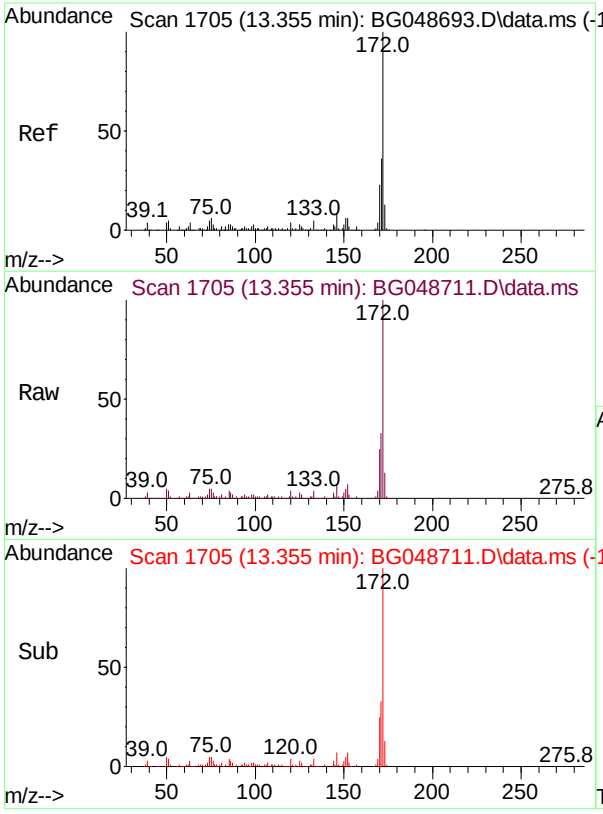


#42
2,4,6-Tribromophenol
Concen: 40.48 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:330 Resp: 46229

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	47.7	35.6	53.4

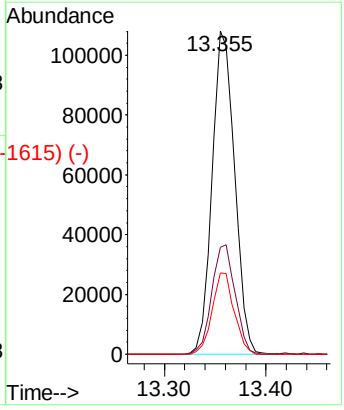




#45
2-Fluorobiphenyl
Concen: 28.20 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:172 Resp: 166329

Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.6	43.0
170	25.2	18.6	27.8



Instrument :
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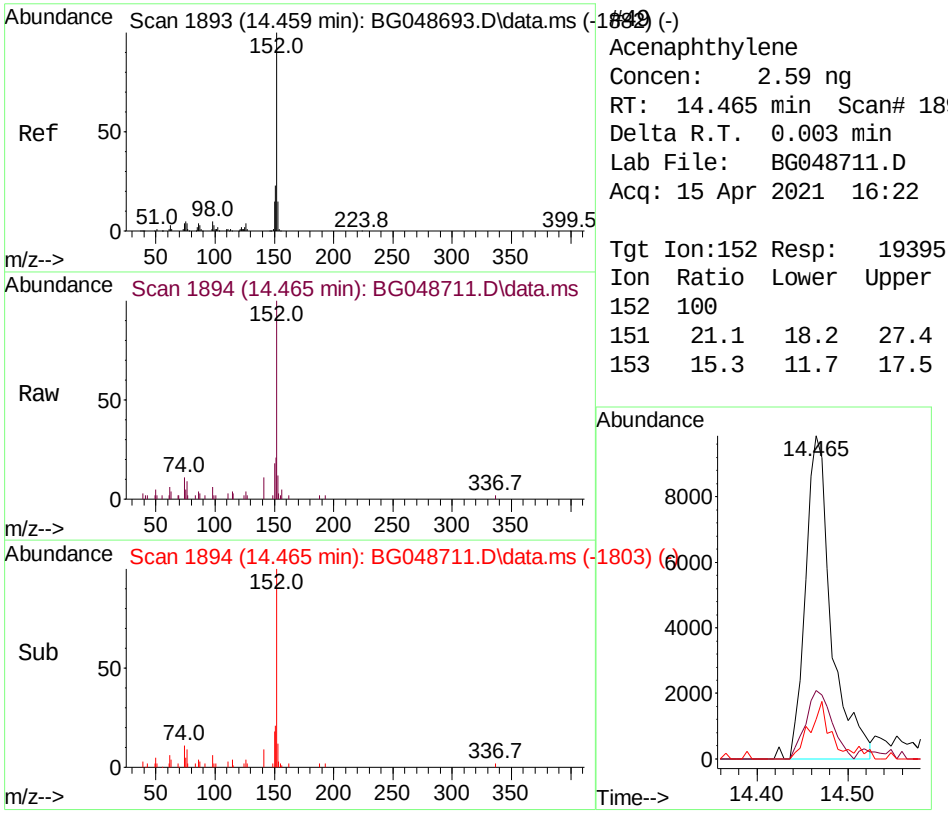
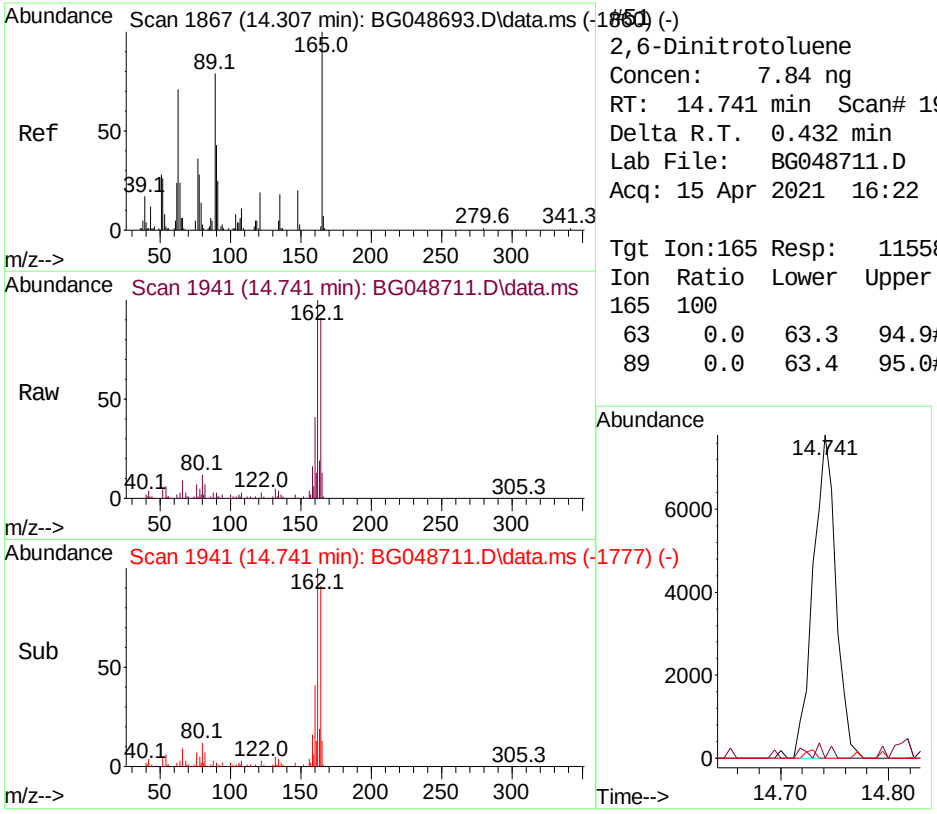


#49
Acenaphthylene
Concen: 2.59 ng
RT: 14.465 min Scan# 1894
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:152 Resp: 19395

Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.2	27.4
153	15.3	11.7	17.5



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.432 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:165 Resp: 11558

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#

Instrument :
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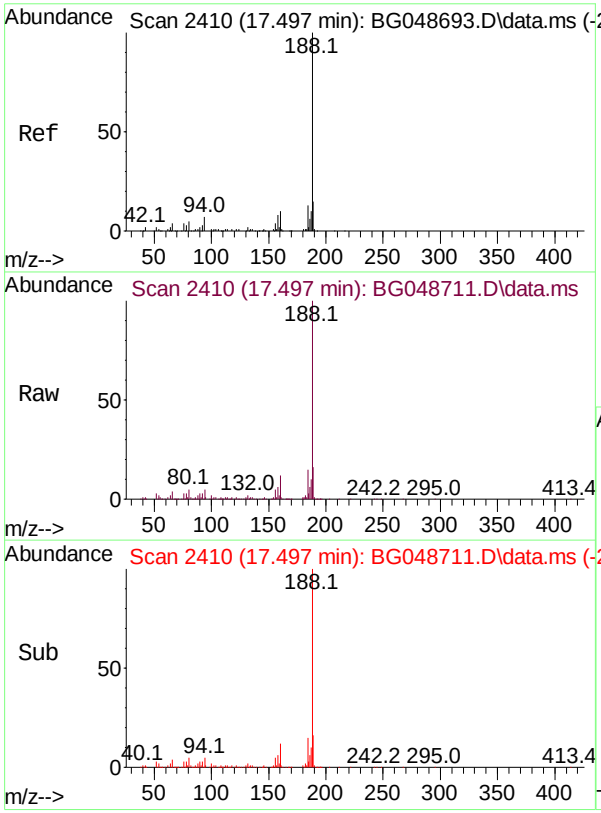
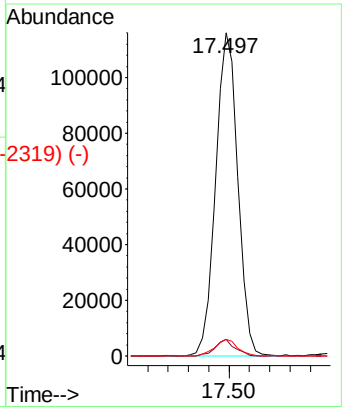
ClientSampleId :
NANUET-ST-041221DL

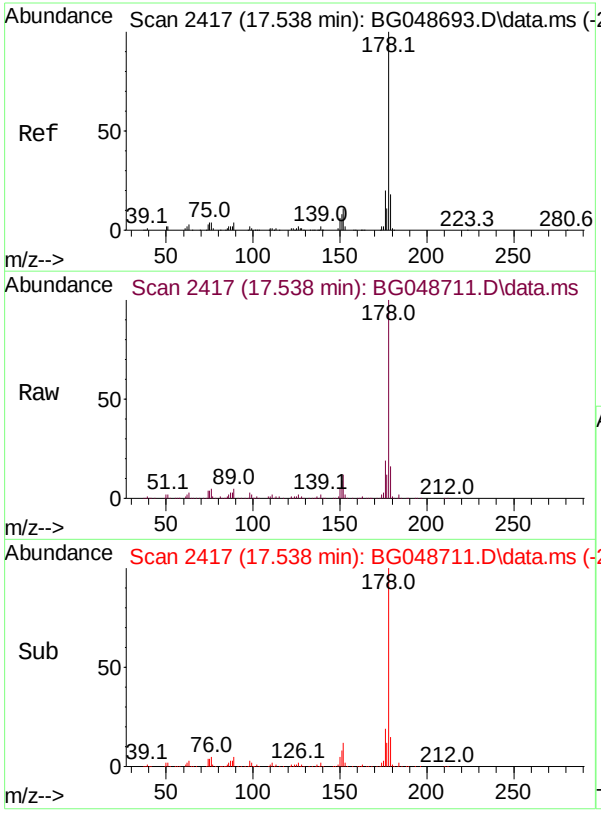


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:188 Resp: 176518

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.4	8.0#
80	5.1	3.7	5.5

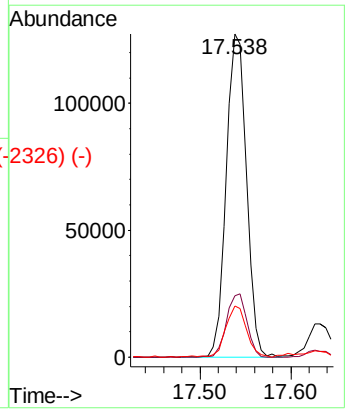




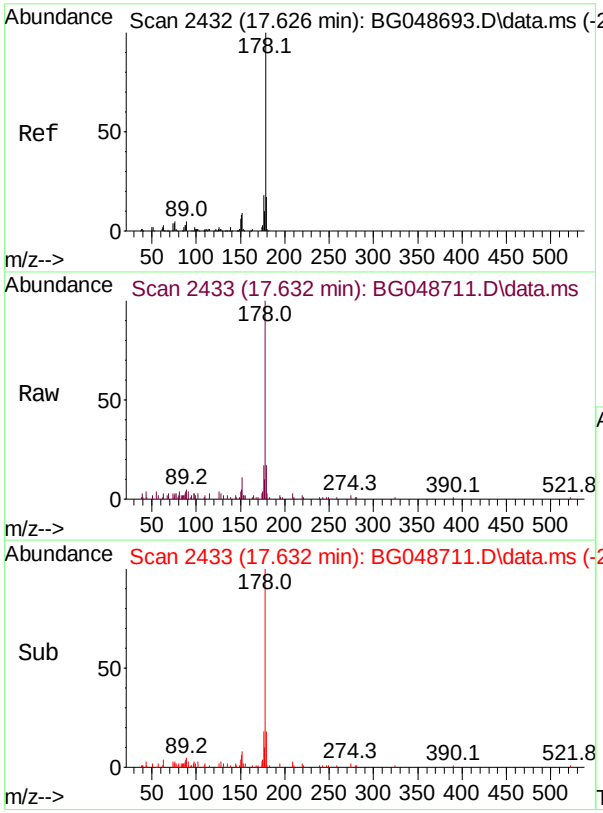
#71
Phenanthrene
Concen: 21.53 ng
RT: 17.538 min Scan# 2417
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:178 Resp: 197244

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.8	14.2	21.4



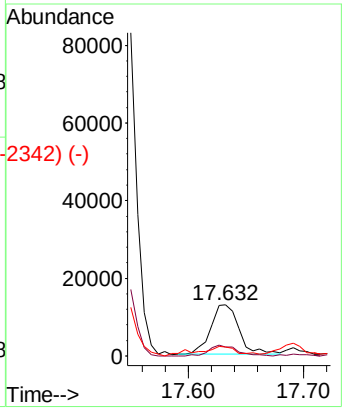
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

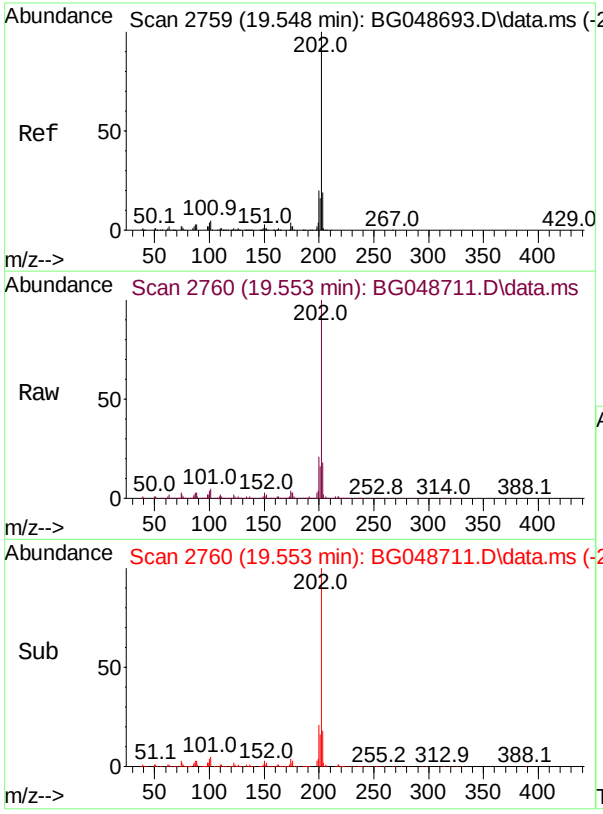


#72
Anthracene
Concen: 2.38 ng
RT: 17.632 min Scan# 2433
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:178 Resp: 21558

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	21.8
179	17.3	13.4	20.0

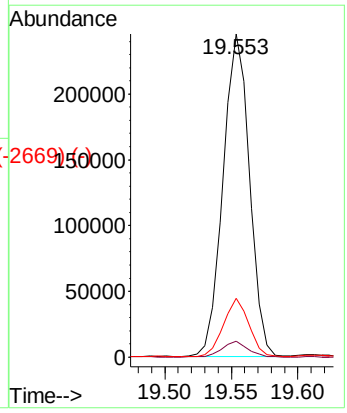




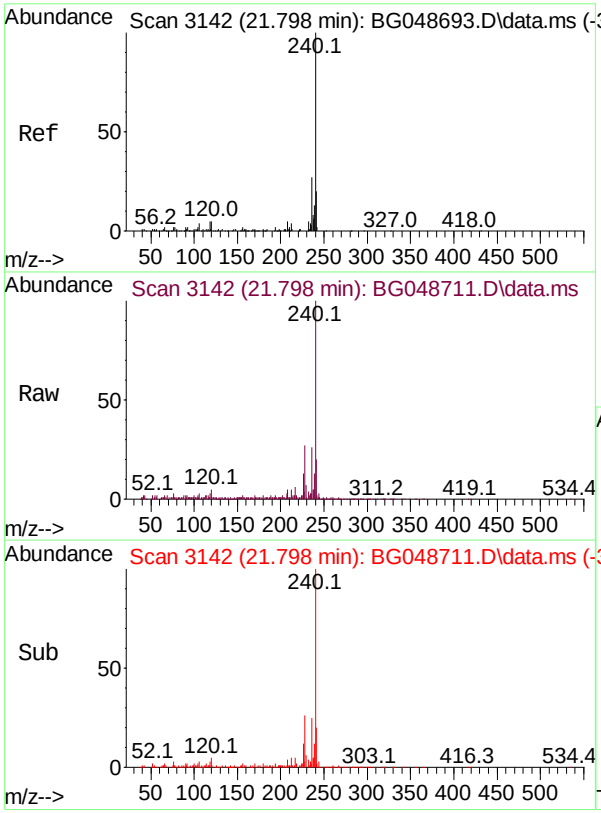
#75
Fluoranthene
Concen: 29.26 ng
RT: 19.553 min Scan# 2760
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:202 Resp: 338977

Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	24.7
203	18.2	0.0	38.5



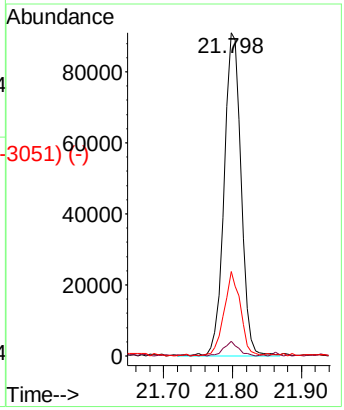
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

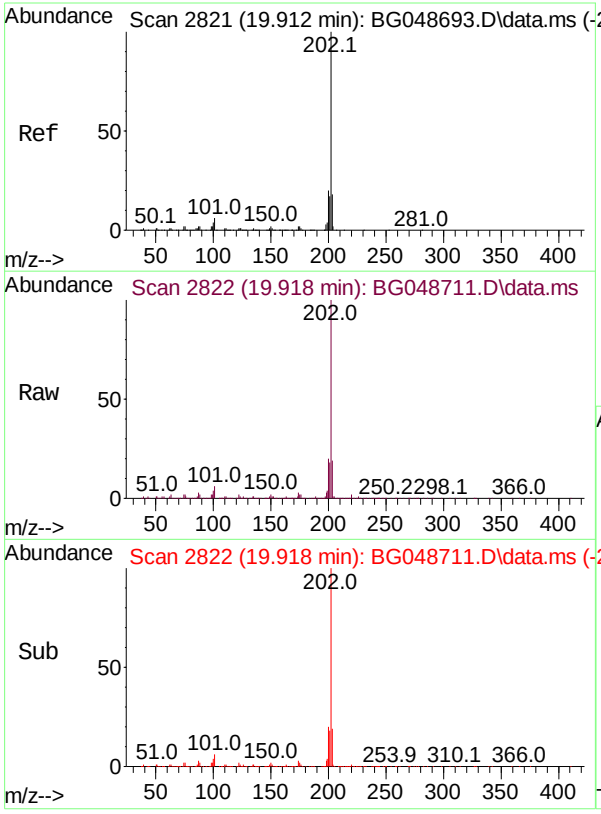


#70
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:240 Resp: 155223

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.2	6.2
236	26.1	21.8	32.6

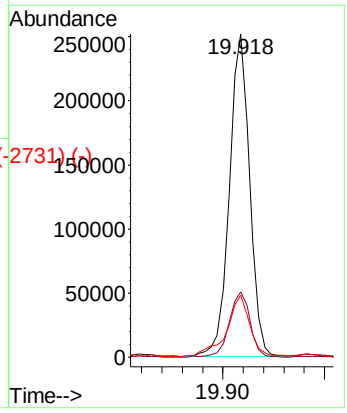




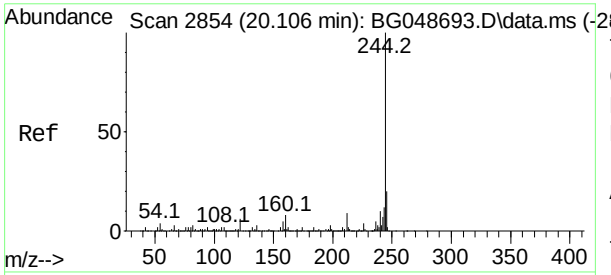
#72
Pyrene
Concen: 32.50 ng
RT: 19.918 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:202 Resp: 348985

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.8
203	19.2	14.6	21.8



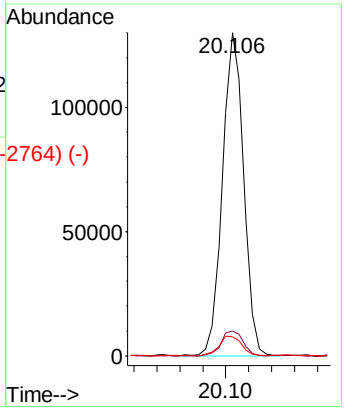
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

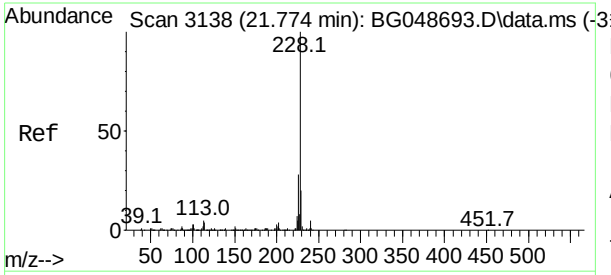


#79
Terphenyl-d14
Concen: 18.55 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:244 Resp: 167255

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	5.9	5.0	7.6

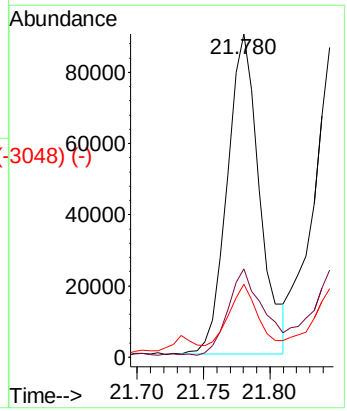




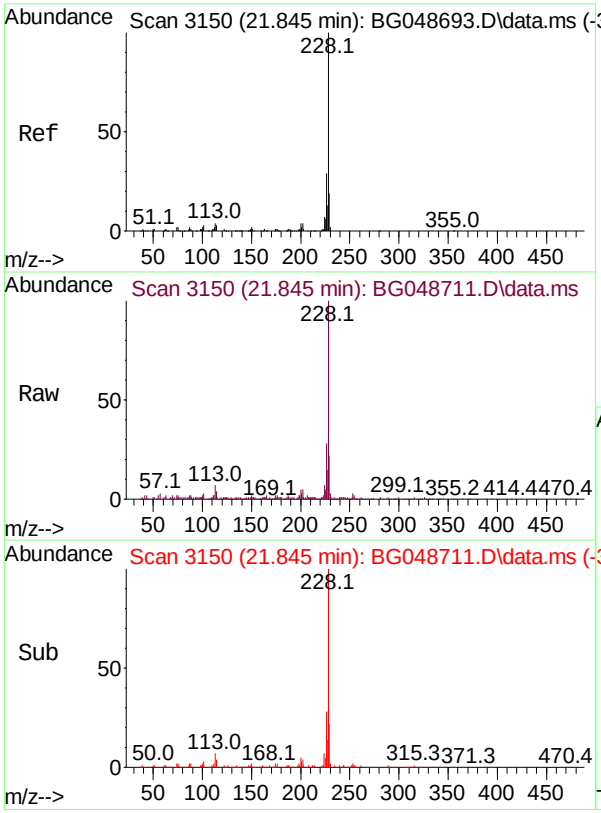
#81
Benzo(a)anthracene
Concen: 14.42 ng
RT: 21.780 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:228 Resp: 152950

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	22.6	16.0	24.0



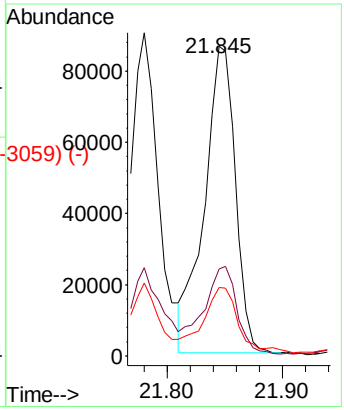
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

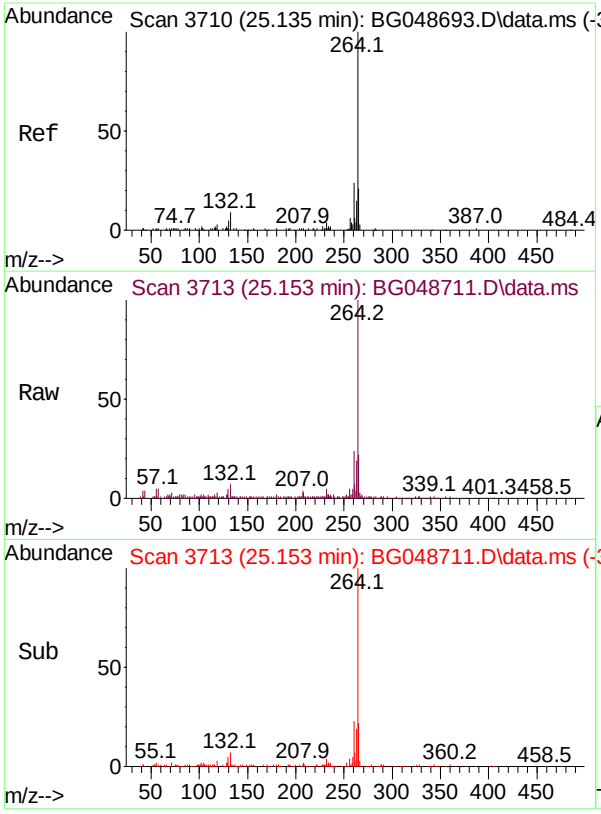


#88
Chrysene
Concen: 16.12 ng
RT: 21.845 min Scan# 3150
Delta R.T. 0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:228 Resp: 162842

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.1	34.7
229	22.0	15.3	22.9

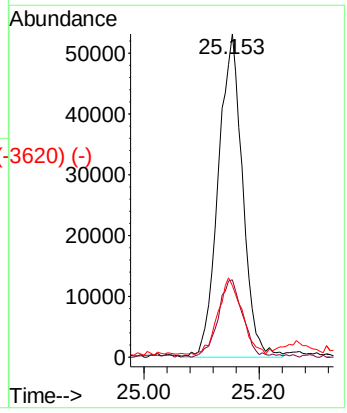




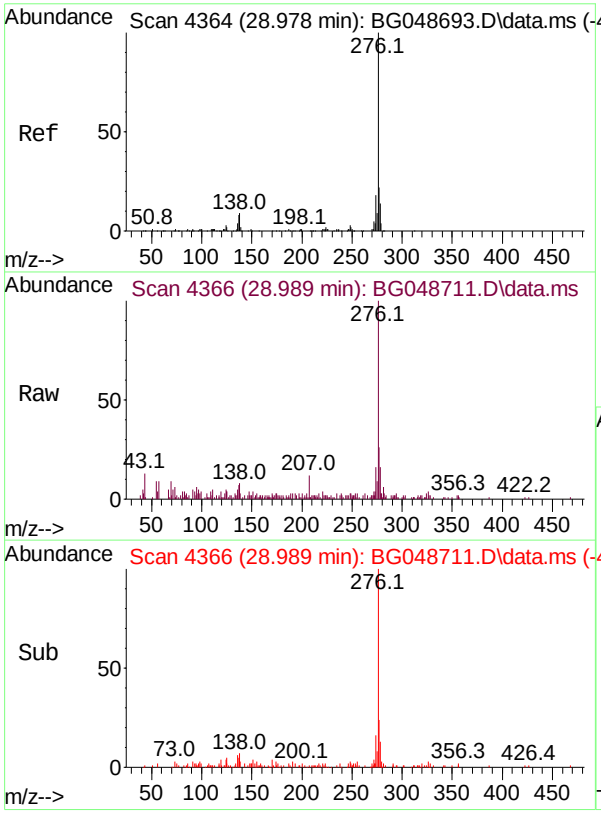
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.153 min Scan# 3713
Delta R.T. 0.015 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:264 Resp: 155540

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	16.9	25.3



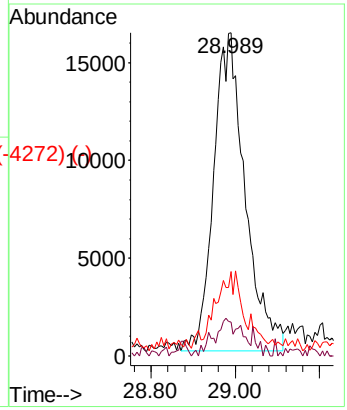
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL

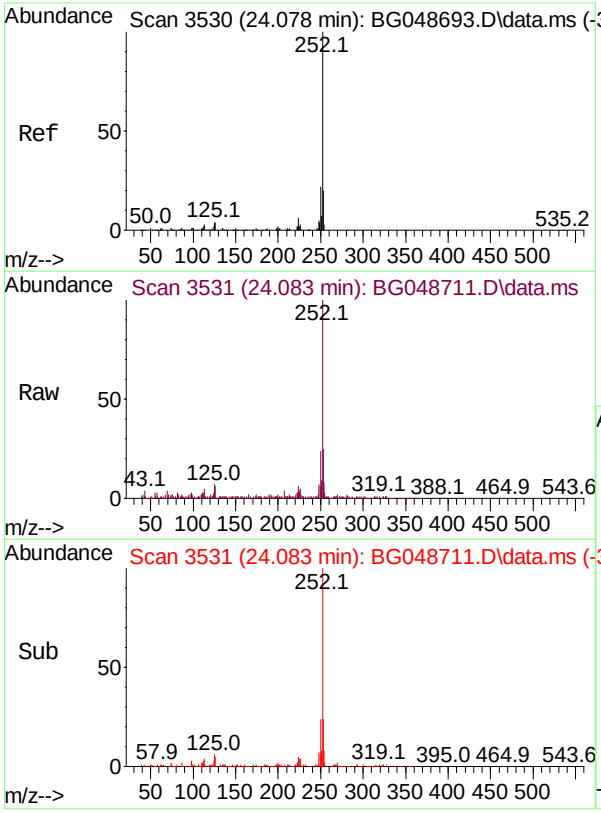


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.42 ng
RT: 28.989 min Scan# 4366
Delta R.T. 0.021 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:276 Resp: 84767

Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.1	7.7#
277	15.0	19.8	29.6#

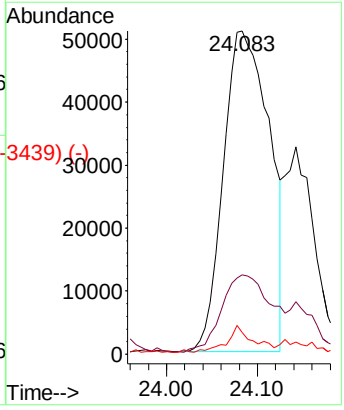




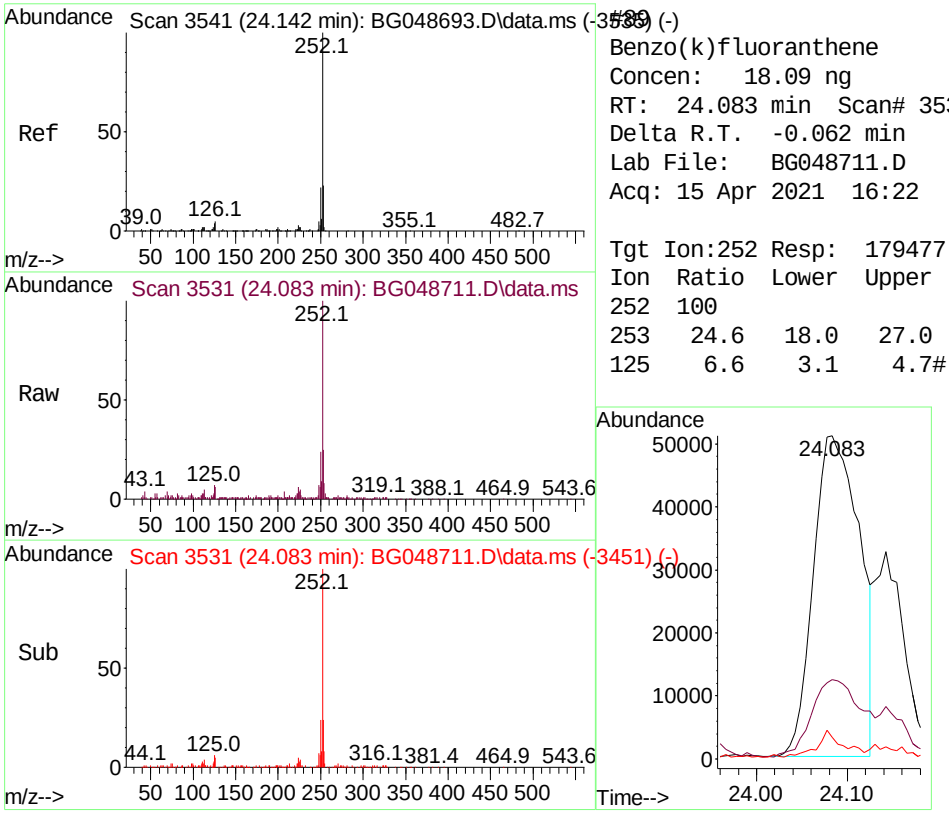
#88
Benzo(b)fluoranthene
Concen: 17.01 ng
RT: 24.083 min Scan# 3531
Delta R.T. 0.009 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:252 Resp: 179477

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.2	24.4#
125	6.6	3.0	4.4#



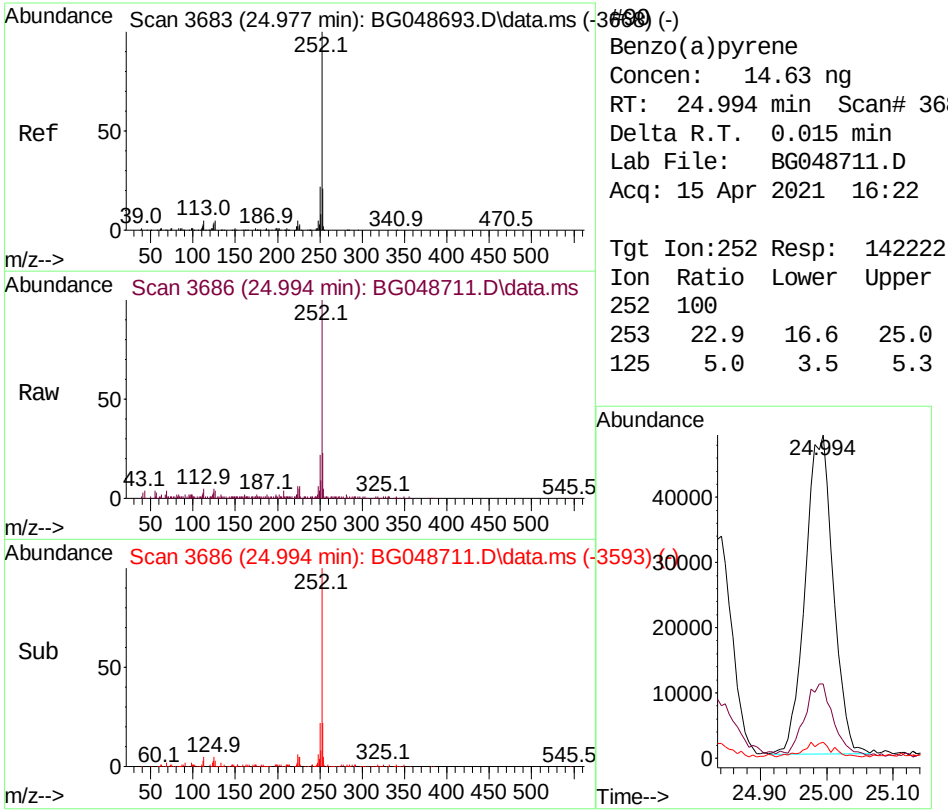
Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL



#89
Benzo(k)fluoranthene
Concen: 18.09 ng
RT: 24.083 min Scan# 3531
Delta R.T. -0.062 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:252 Resp: 179477

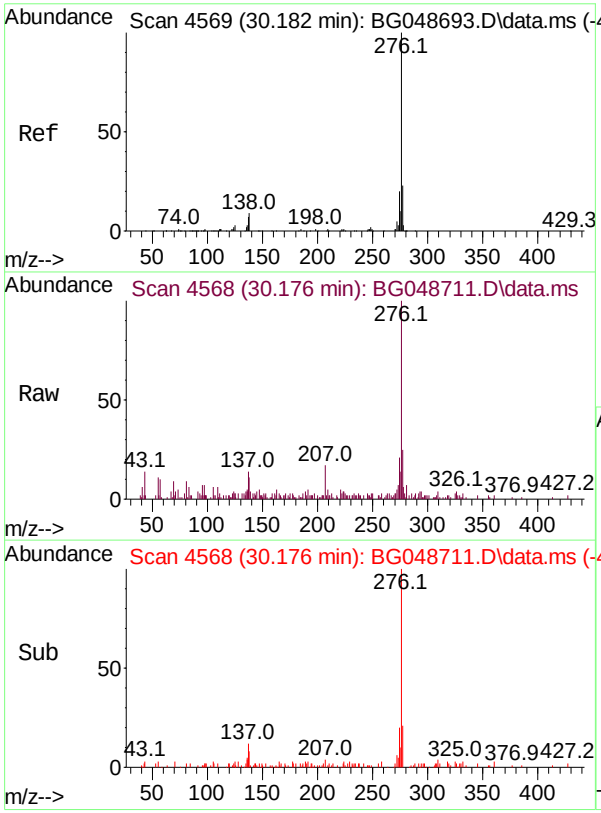
Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	6.6	3.1	4.7#



#90
Benzo(a)pyrene
Concen: 14.63 ng
RT: 24.994 min Scan# 3686
Delta R.T. 0.015 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:252 Resp: 142222

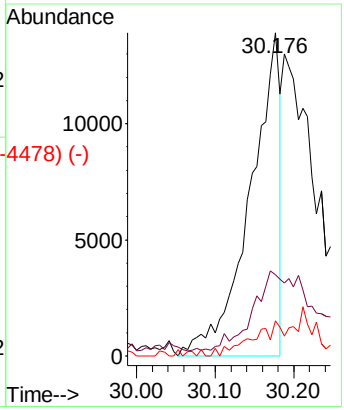
Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	5.0	3.5	5.3



#92
Benzo(g,h,i)perylene
Concen: 3.79 ng
RT: 30.176 min Scan# 4568
Delta R.T. -0.003 min
Lab File: BG048711.D
Acq: 15 Apr 2021 16:22

Tgt Ion:276 Resp: 36681

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.4	27.6
138	11.0	7.0	10.6#



Instrument :
BNA_G
ClientSampleId :
NANUET-ST-041221DL