Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028330.D
Acq On : 01 Jan 2021 09:58
Operator : JU/CG
Sample : SSTDCCC0.4
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 01 22:57:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 16:18:03 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	792	0.40	ng		0.00
7) Naphthalene-d8	10.947	136	3184	0.40	ng		#-0.01
13) Acenaphthene-d10	14.764	164	1659	0.40	ng		0.00
19) Phenanthrene-d10	17.481	188	3254	0.40	ng		# 0.00
27) Chrysene-d12	21.601	240	3261	0.40	ng		#-0.01
34) Perylene-d12	23.928	264	3057	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.638	112	984	0.36	ng		0.00
5) Phenol-d6	7.273	99	1334	0.36	ng		0.00
8) Nitrobenzene-d5	9.299	82	1021	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.531	152	1939	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.237	330	293	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.390	172	2501	0.36	ng		0.00
25) Fluoranthene-d10	19.487	212	3434	0.34	ng		0.00
29) Terphenyl-d14	20.061	244	2572	0.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	391	0.35	ng		90
3) n-Nitrosodimethylamine	3.762	42	579	0.35	ng	#	89
6) bis(2-Chloroethyl)ether	7.547	93	947	0.37	ng		95
9) Naphthalene	10.998	128	3255	0.35	ng		99
10) Hexachlorobutadiene	11.289	225	630	0.36	ng	#	100
12) 2-Methylnaphthalene	12.602	142	2195	0.35	ng		95
16) Acenaphthylene	14.481	152	2526	0.34	ng		99
17) Acenaphthene	14.824	154	1924	0.36	ng		95
18) Fluorene	15.794	166	2302	0.34	ng		98
20) Hexachlorobenzene	16.790	284	800	0.36	ng		94
21) Atrazine	19.511	200	757	0.35	ng	#	36
22) Pentachlorophenol	17.130	266	303	0.33	ng		99
23) Phenanthrene	17.523	178	3581	0.35	ng		100
24) Anthracene	17.608	178	3072	0.35	ng		98
26) Fluoranthene	19.511	202	3834	0.34	ng	#	96
28) Pyrene	19.874	202	3882	0.35	ng		99
30) Benzo(a)anthracene	21.580	228	3750	0.35	ng		99
31) Chrysene	21.633	228	3956	0.35	ng		99
32) Bis(2-ethylhexyl)phtha...	21.495	149	1807	0.35	ng		95
33) Indeno(1,2,3-cd)pyrene	26.303	276	4371	0.36	ng	#	91
35) Benzo(b)fluoranthene	23.223	252	4214	0.37	ng	#	91
36) Benzo(k)fluoranthene	23.270	252	3925	0.36	ng	#	91
37) Benzo(a)pyrene	23.825	252	3656	0.38	ng	#	90
38) Dibenzo(a,h)anthracene	26.313	278	3799	0.37	ng	#	90
39) Benzo(g,h,i)perylene	27.039	276	3806	0.37	ng	#	88

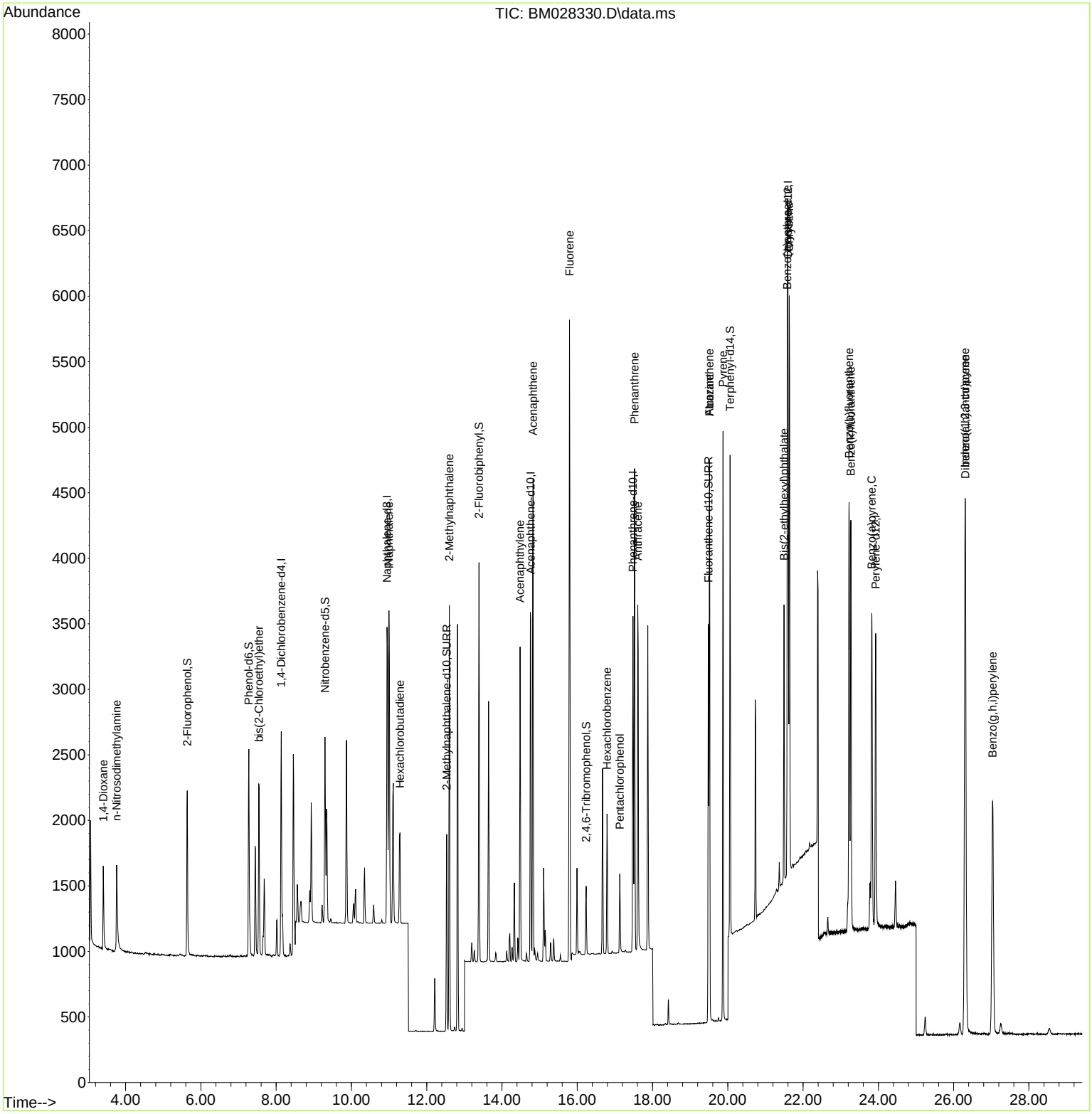
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

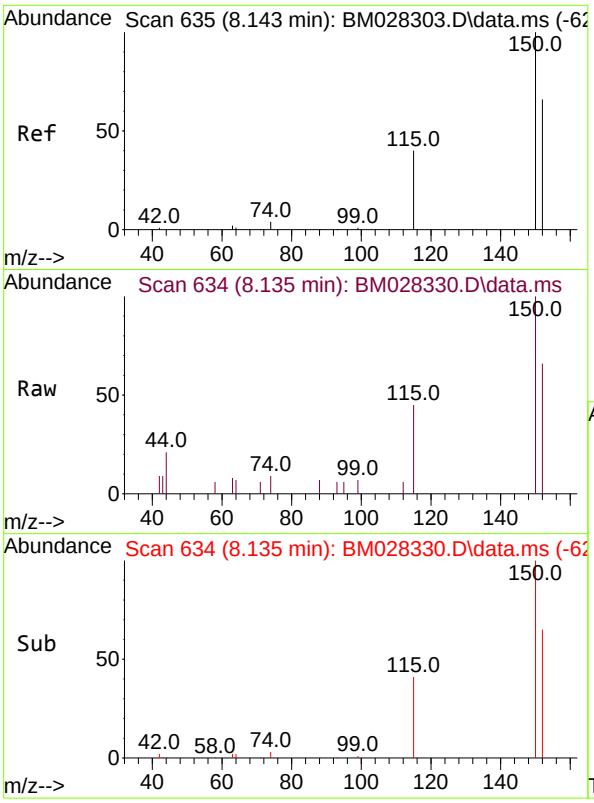
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028330.D
Acq On : 01 Jan 2021 09:58
Operator : JU/CG
Sample : SSTDCCC0.4
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 01 22:57:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 16:18:03 2020
Response via : Initial Calibration



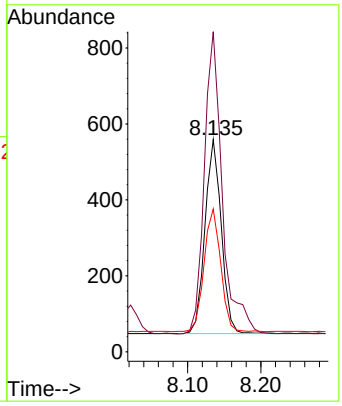
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

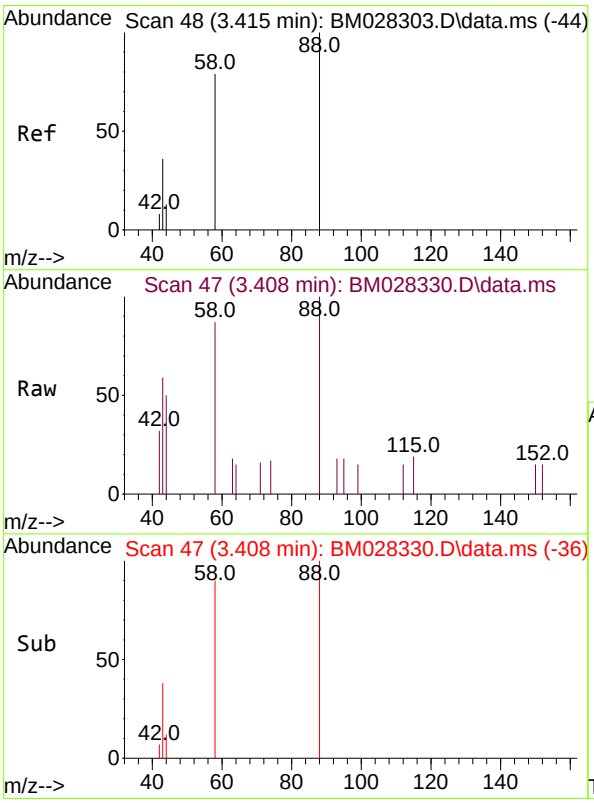


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.135 min Scan# 634
Delta R.T. -0.008 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:152 Resp: 792

Ion	Ratio	Lower	Upper
152	100		
150	150.8	116.6	174.8
115	67.3	52.9	79.3

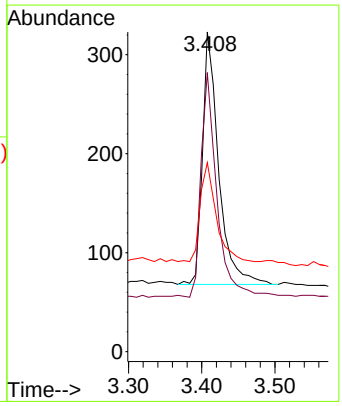




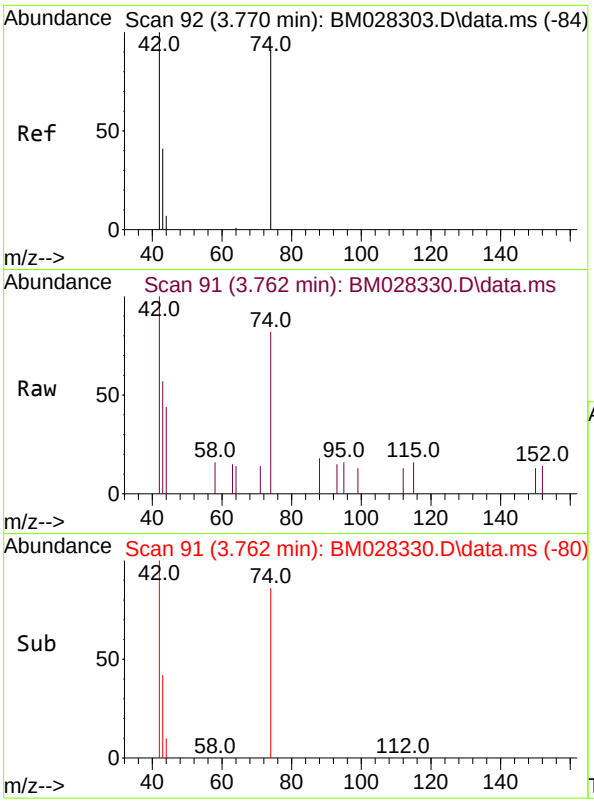
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.408 min Scan# 47
Delta R.T. -0.008 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion: 88 Resp: 391

Ion	Ratio	Lower	Upper
88	100		
58	86.7	59.4	89.2
43	38.6	32.3	48.5



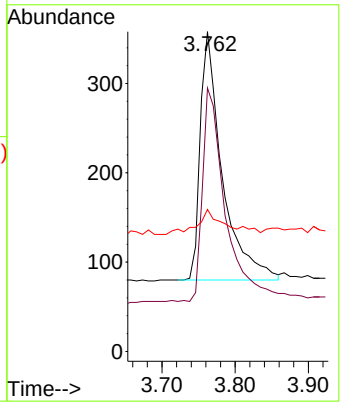
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

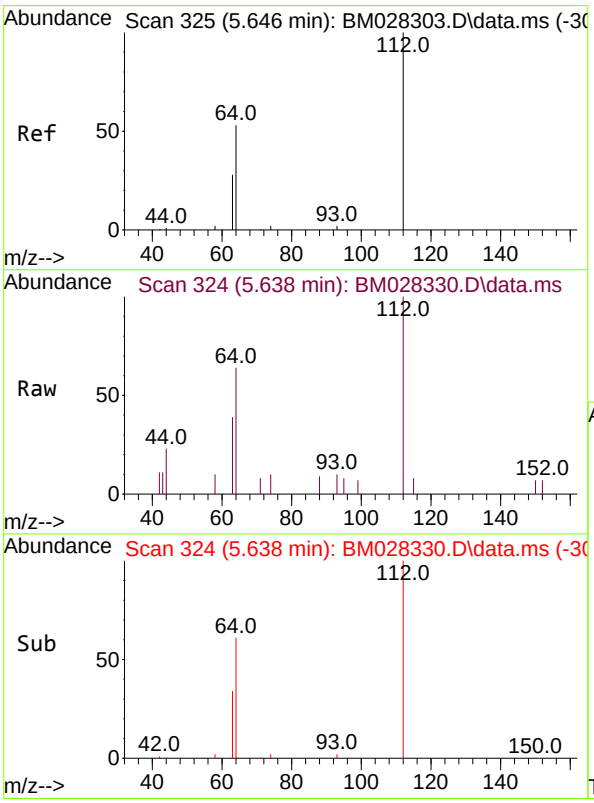


#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.762 min Scan# 91
Delta R.T. -0.008 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion: 42 Resp: 579

Ion	Ratio	Lower	Upper
42	100		
74	89.8	64.4	96.6
44	10.7	2.8	4.2#

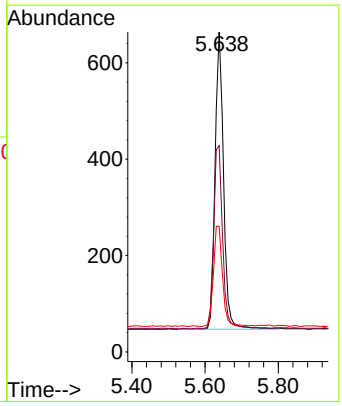




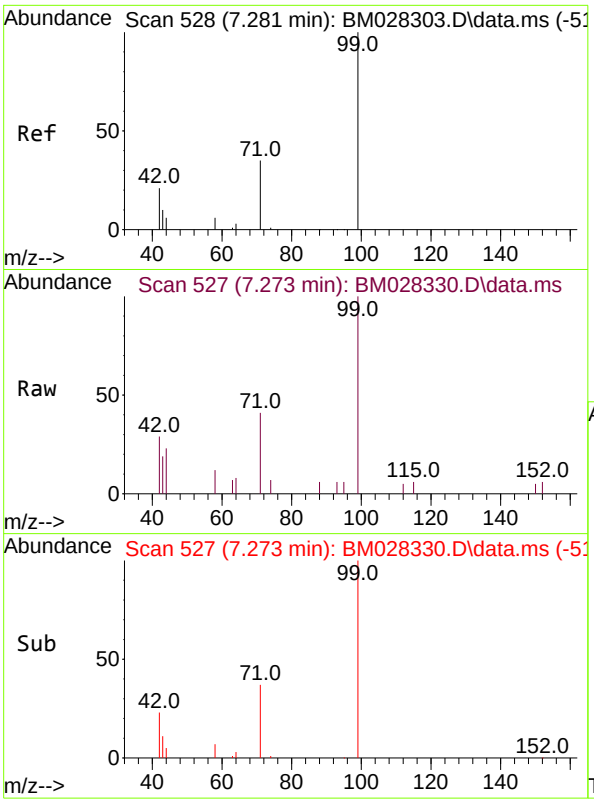
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.638 min Scan# 324
Delta R.T. -0.008 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:112 Resp: 984

Ion	Ratio	Lower	Upper
112	100		
64	66.1	49.5	74.3
63	36.2	32.0	48.0



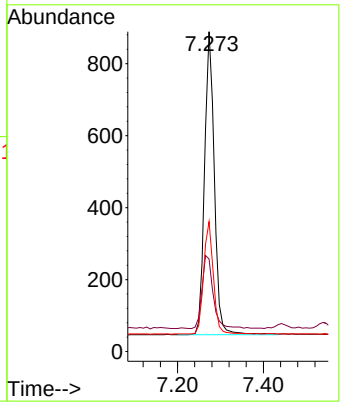
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

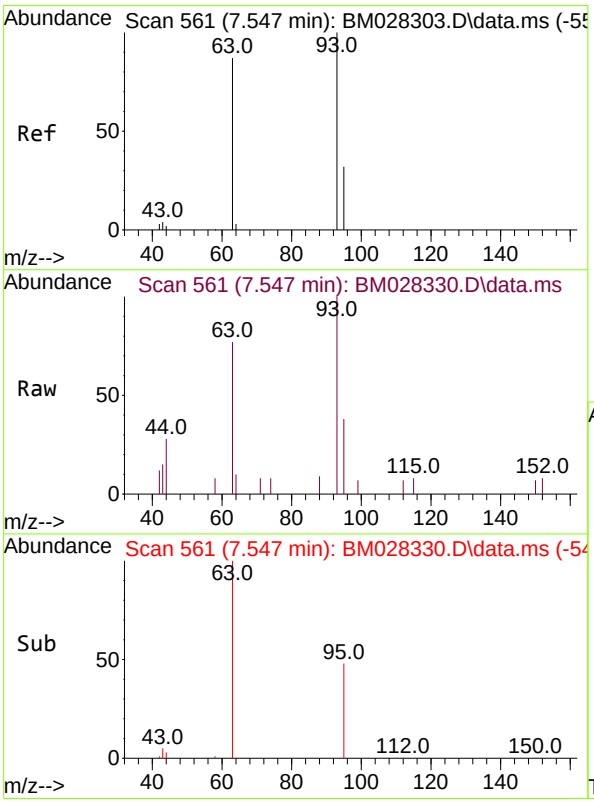


#5
Phenol-d6
Concen: 0.36 ng
RT: 7.273 min Scan# 527
Delta R.T. -0.008 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion: 99 Resp: 1334

Ion	Ratio	Lower	Upper
99	100		
42	27.4	22.4	33.6
71	36.7	37.8	56.6#

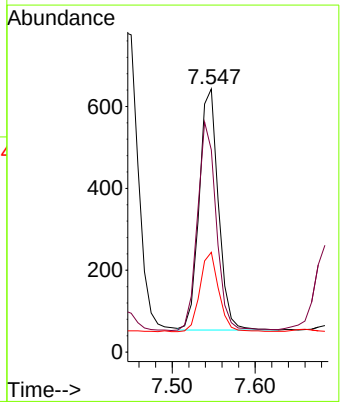




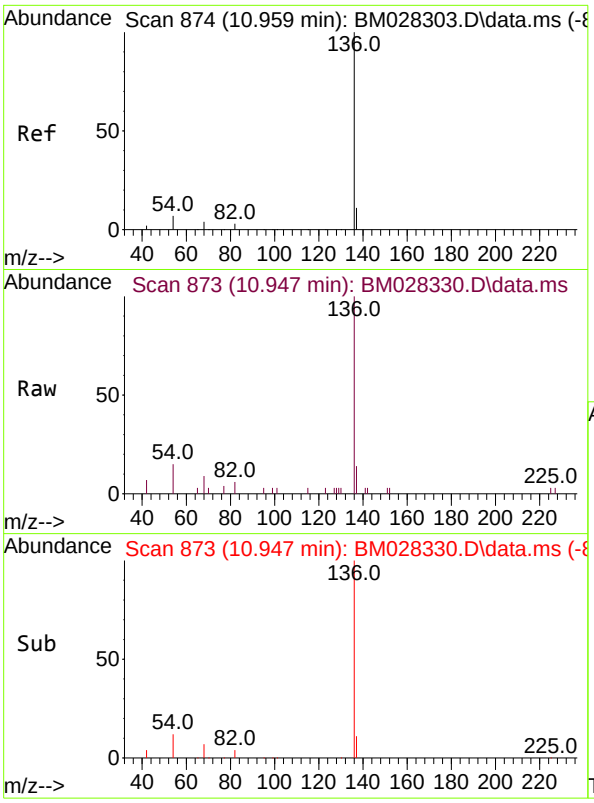
#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.547 min Scan# 561
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion: 93 Resp: 947

Ion	Ratio	Lower	Upper
93	100		
63	84.6	63.1	94.7
95	32.5	26.1	39.1



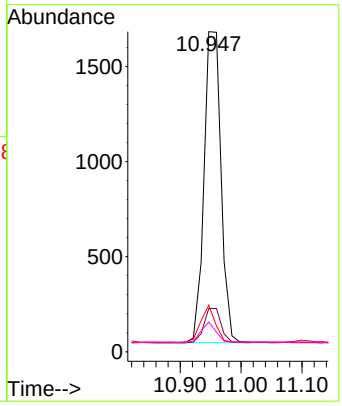
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

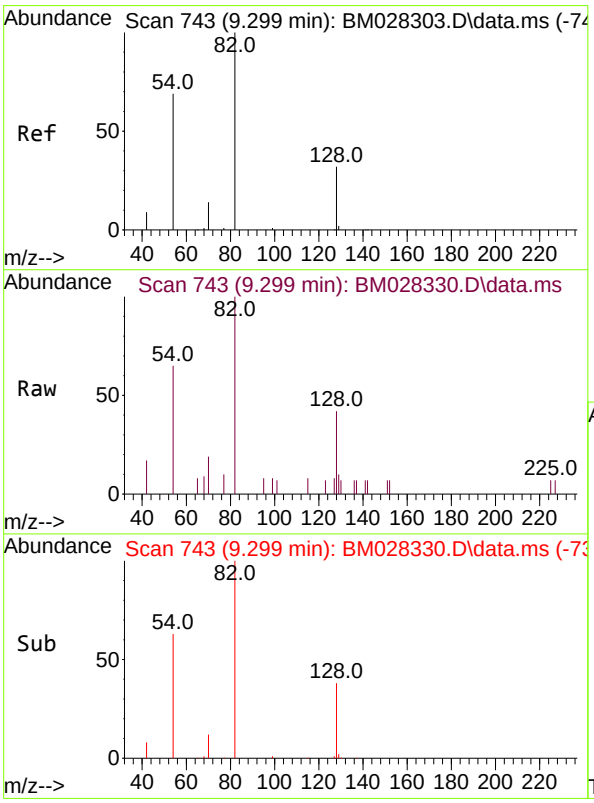


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.947 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:136 Resp: 3184

Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.6	15.8
54	14.6	8.6	12.8#
68	9.3	5.7	8.5#

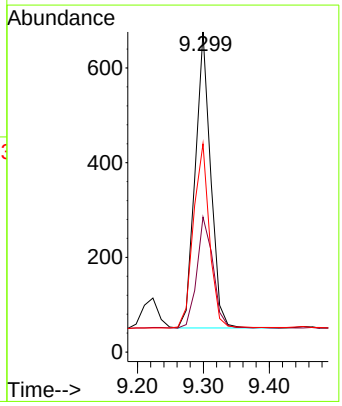




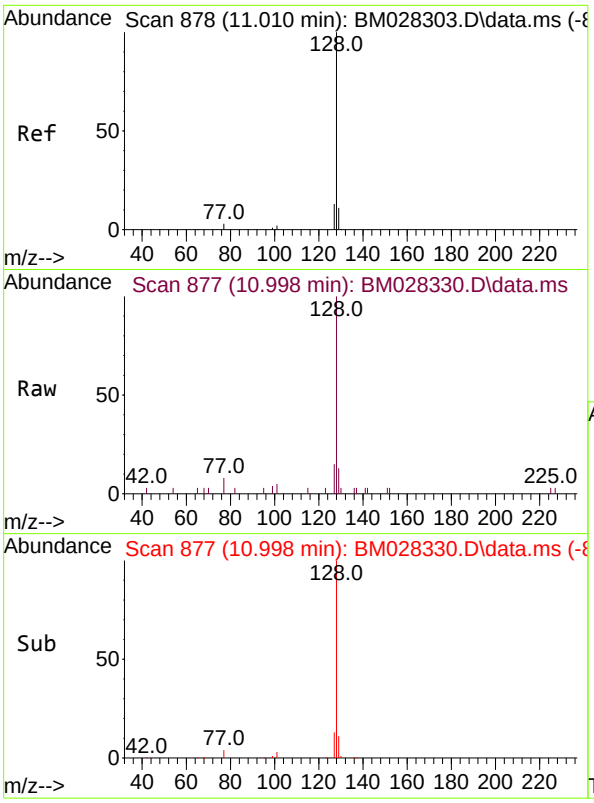
#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 9.299 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion: 82 Resp: 1021

Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.6	46.0
54	65.1	48.3	72.5



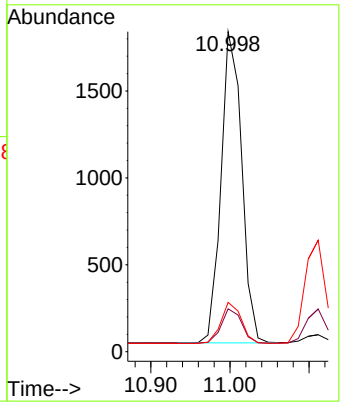
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

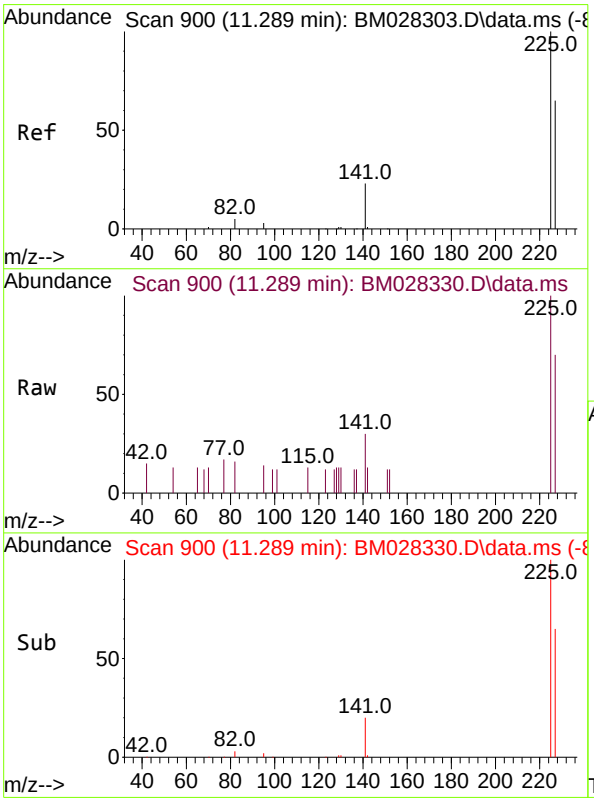


#9
Naphthalene
Concen: 0.35 ng
RT: 10.998 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:128 Resp: 3255

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.8	14.8
127	15.4	12.2	18.4

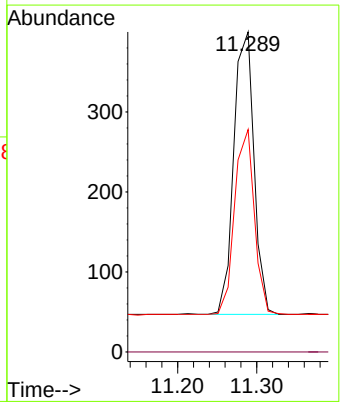




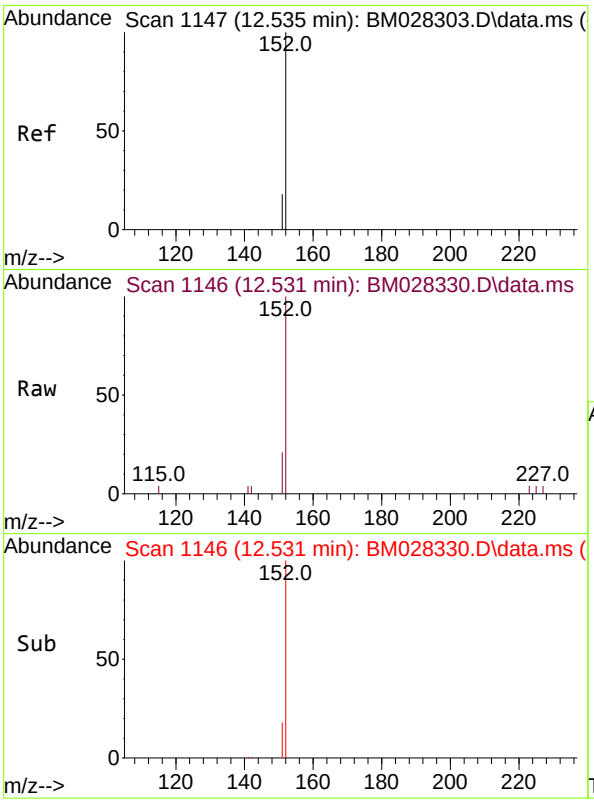
#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 11.289 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:225 Resp: 630

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



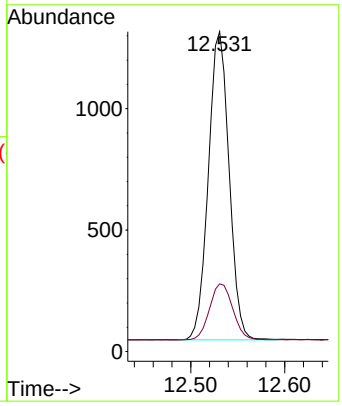
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

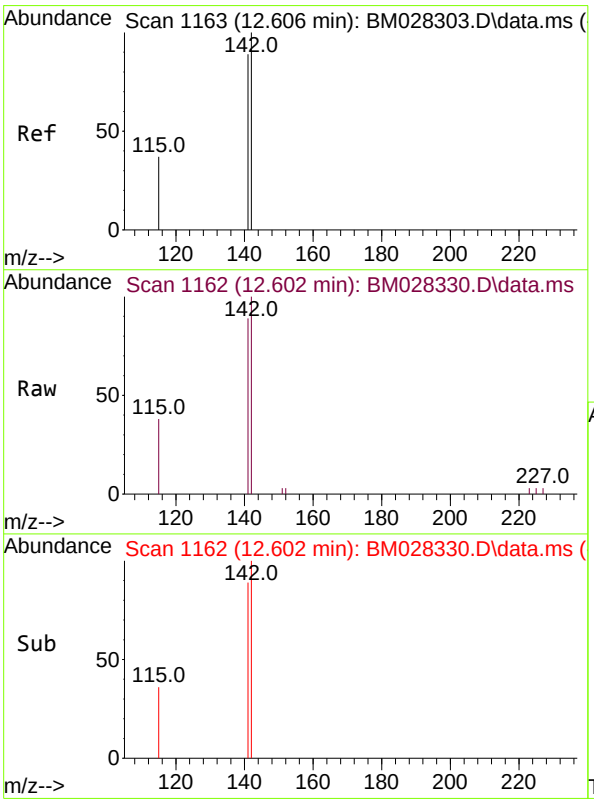


#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.531 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:152 Resp: 1939

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

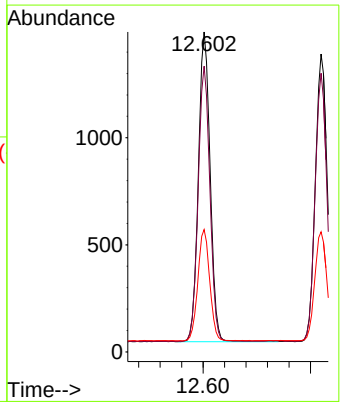




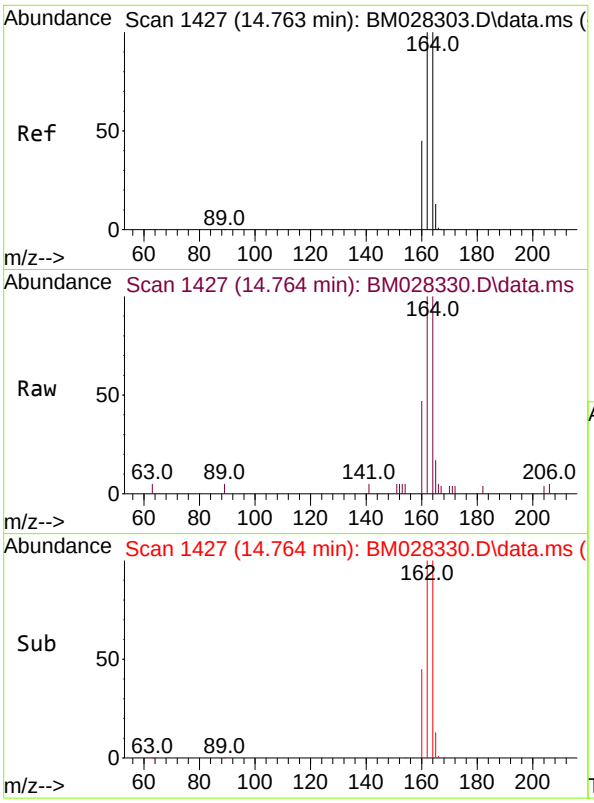
#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.602 min Scan# 1162
Delta R.T. -0.004 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:142 Resp: 2195

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.4	104.2
115	38.2	35.7	53.5



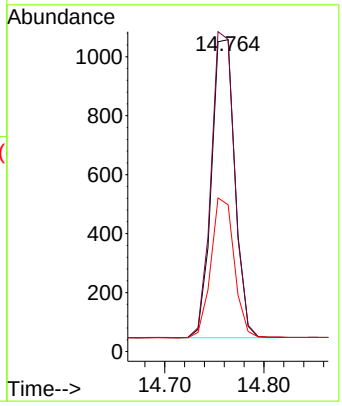
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

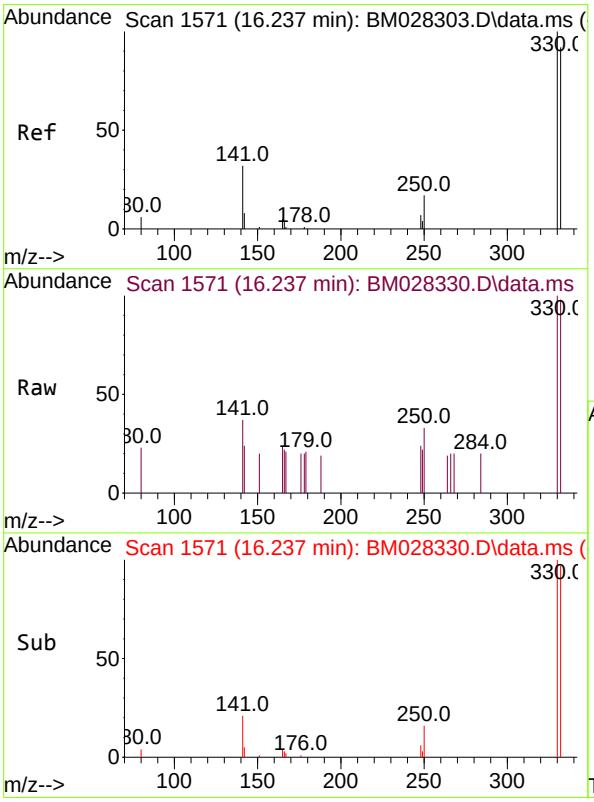


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.764 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:164 Resp: 1659

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	47.1	39.5	59.3

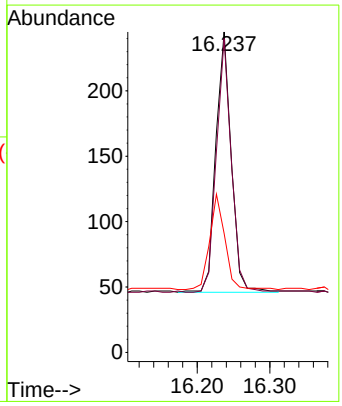




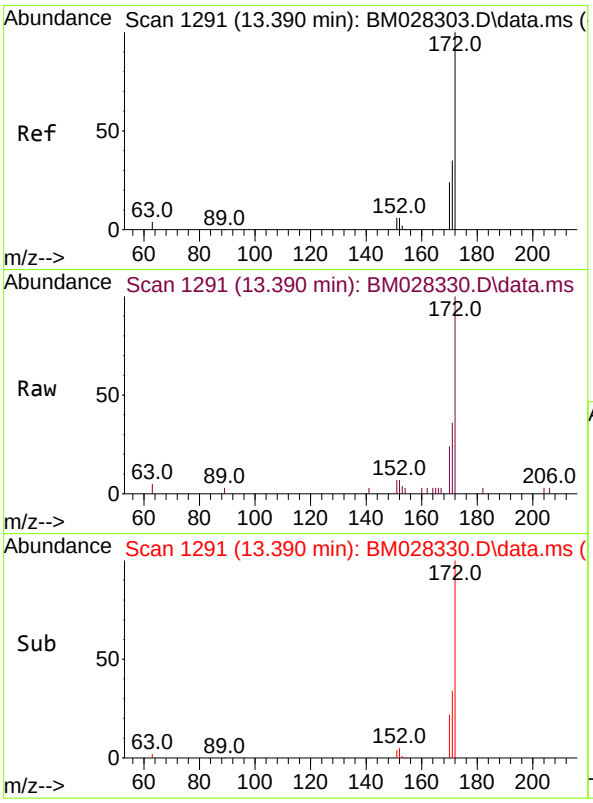
#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 16.237 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:330 Resp: 293

Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	36.5	34.4	51.6



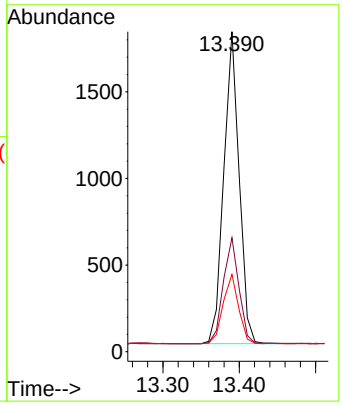
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

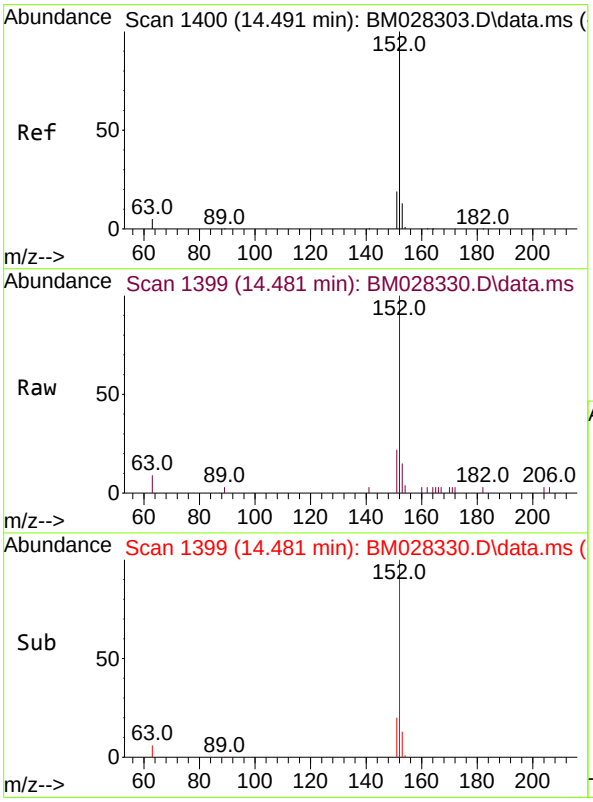


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.390 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:172 Resp: 2501

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	24.1	20.0	30.0

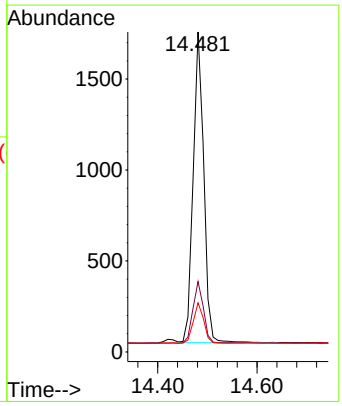


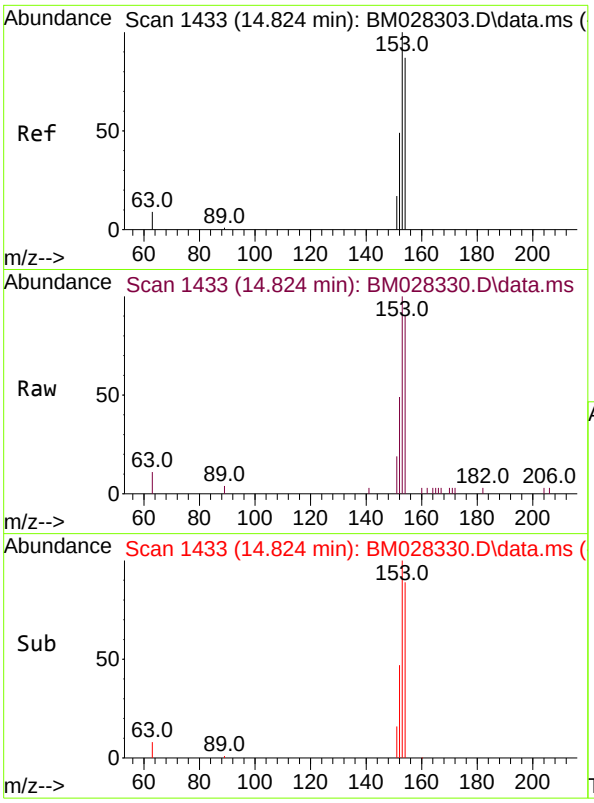


#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.481 min Scan# 1399
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:152 Resp: 2526

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.8	10.6	16.0

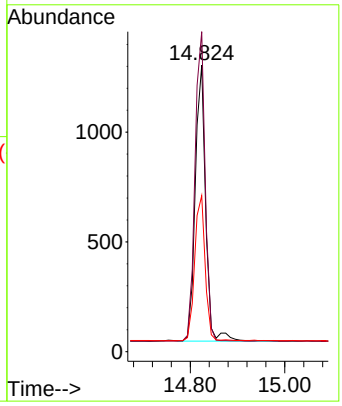




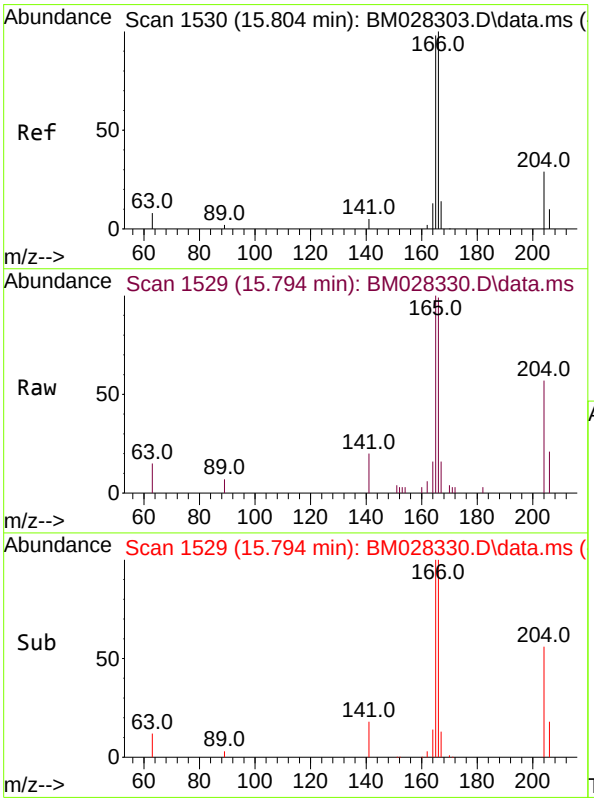
#17
Acenaphthene
Concen: 0.36 ng
RT: 14.824 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:154 Resp: 1924

Ion	Ratio	Lower	Upper
154	100		
153	110.1	83.6	125.4
152	52.9	43.9	65.9



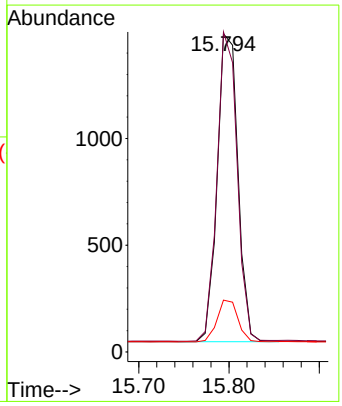
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC



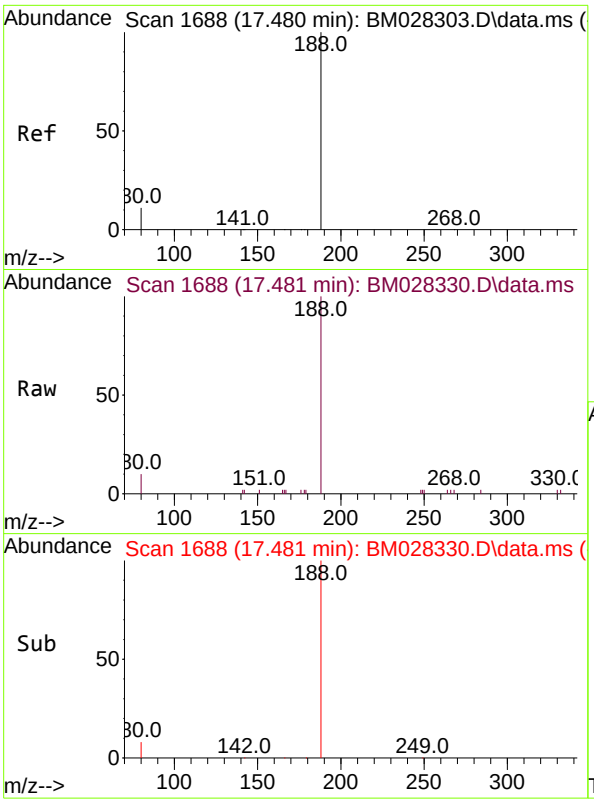
#18
Fluorene
Concen: 0.34 ng
RT: 15.794 min Scan# 1529
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:166 Resp: 2302

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.6	118.0
167	13.7	10.7	16.1



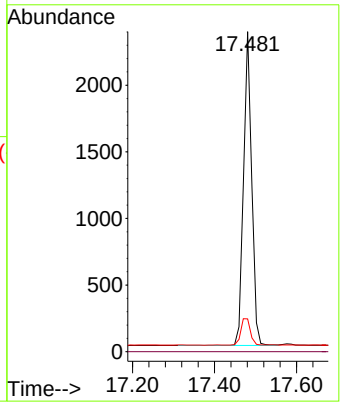
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

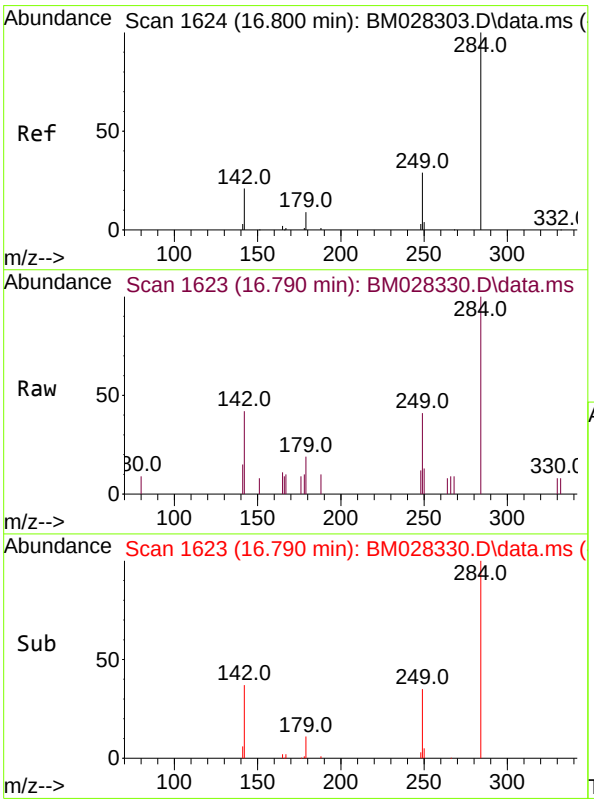


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.481 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:188 Resp: 3254

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	5.0	7.4#

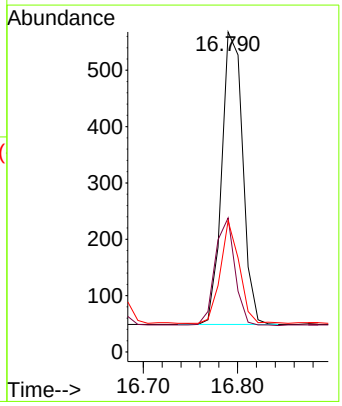




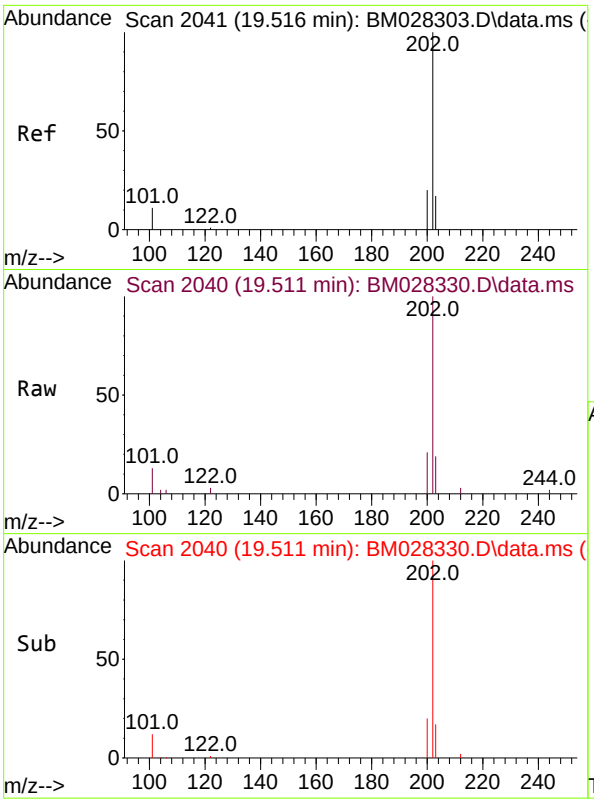
#20
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.790 min Scan# 1623
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:284 Resp: 800

Ion	Ratio	Lower	Upper
284	100		
142	35.1	32.0	48.0
249	31.6	27.0	40.6



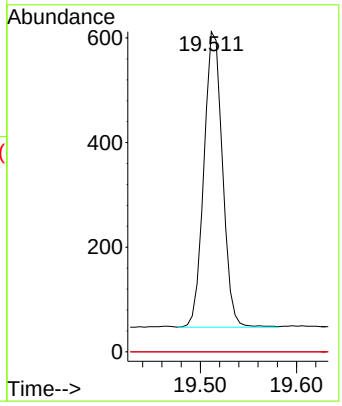
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

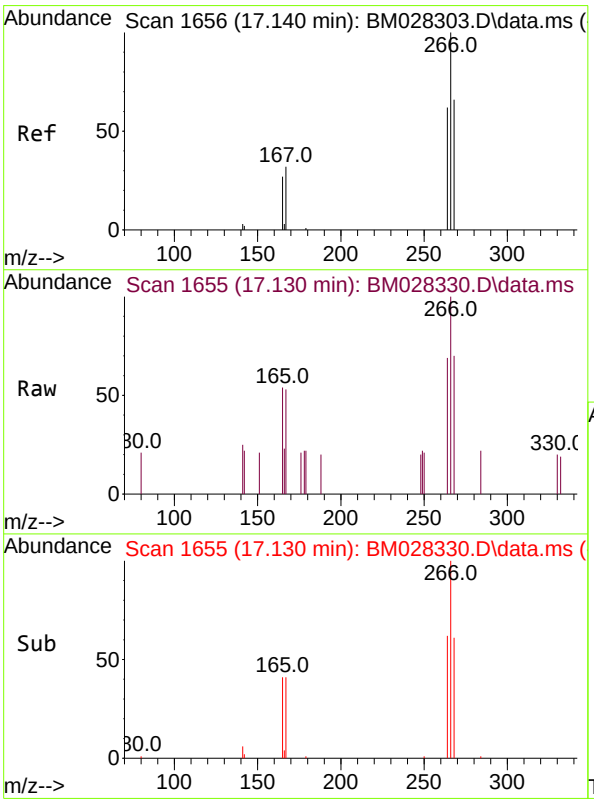


#21
Atrazine
Concen: 0.35 ng
RT: 19.511 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:200 Resp: 757

Ion	Ratio	Lower	Upper
200	100		
173	0.0	22.8	34.2#
215	0.0	38.1	57.1#

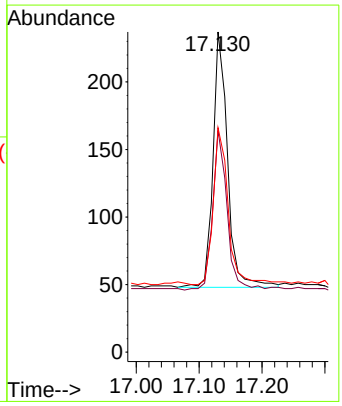


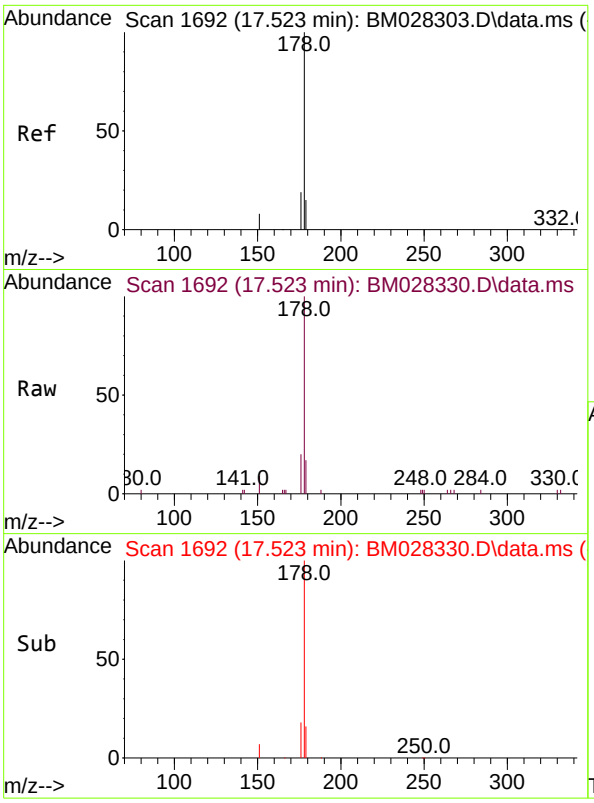


#22
Pentachlorophenol
Concen: 0.33 ng
RT: 17.130 min Scan# 1655
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:266 Resp: 303

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.9	76.3
268	64.4	51.5	77.3

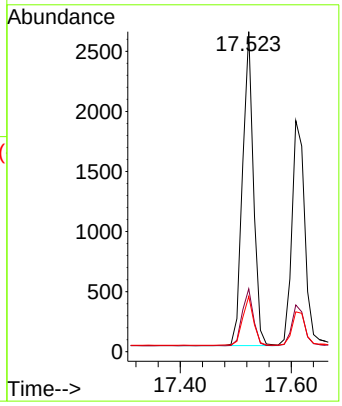




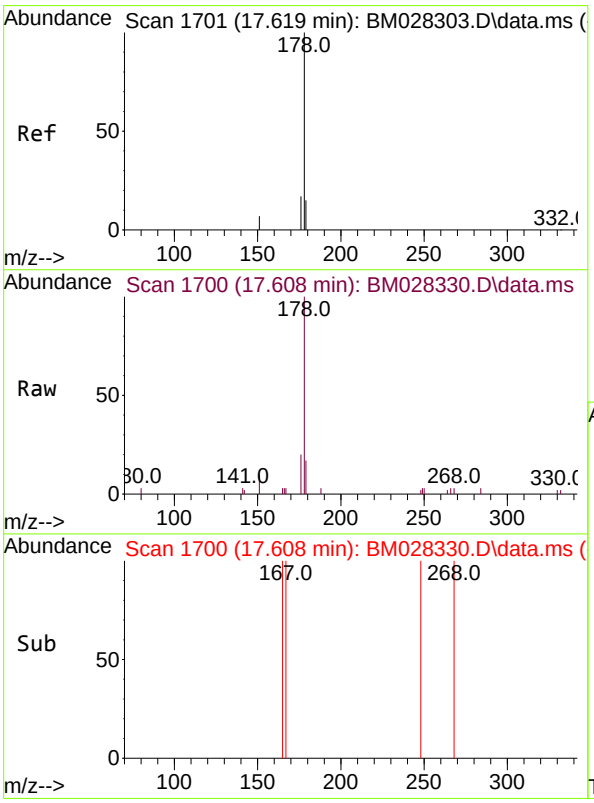
#23
Phenanthrene
Concen: 0.35 ng
RT: 17.523 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:178 Resp: 3581

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.7	12.4	18.6



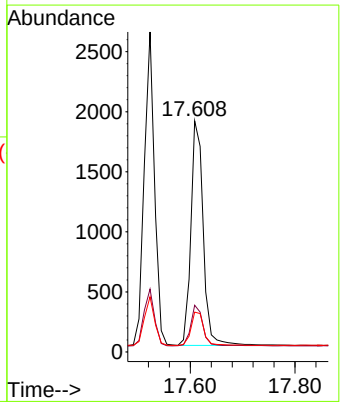
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

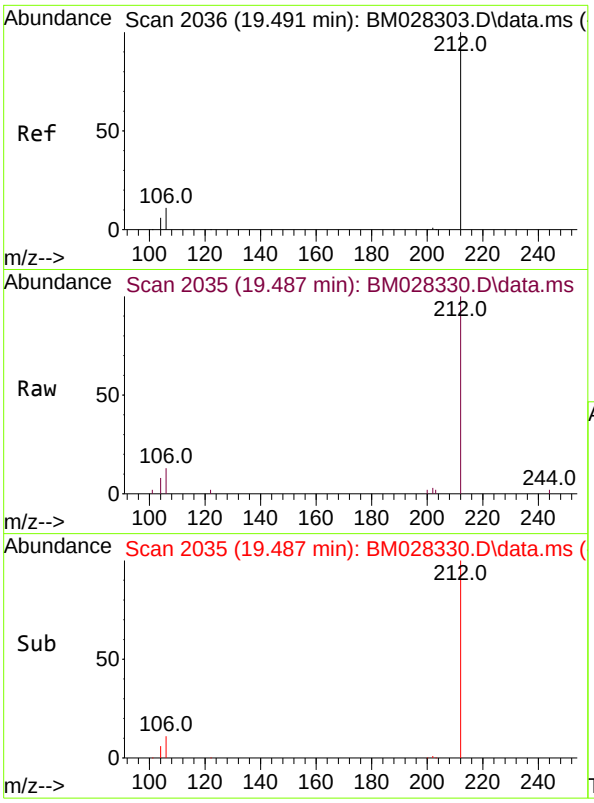


#24
Anthracene
Concen: 0.35 ng
RT: 17.608 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:178 Resp: 3072

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.8	22.2
179	15.2	12.5	18.7

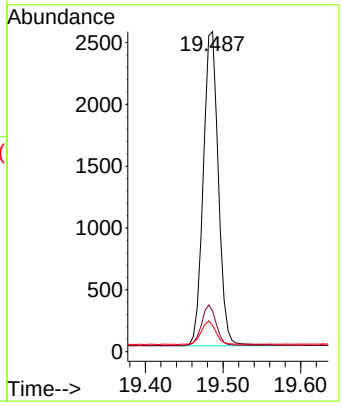




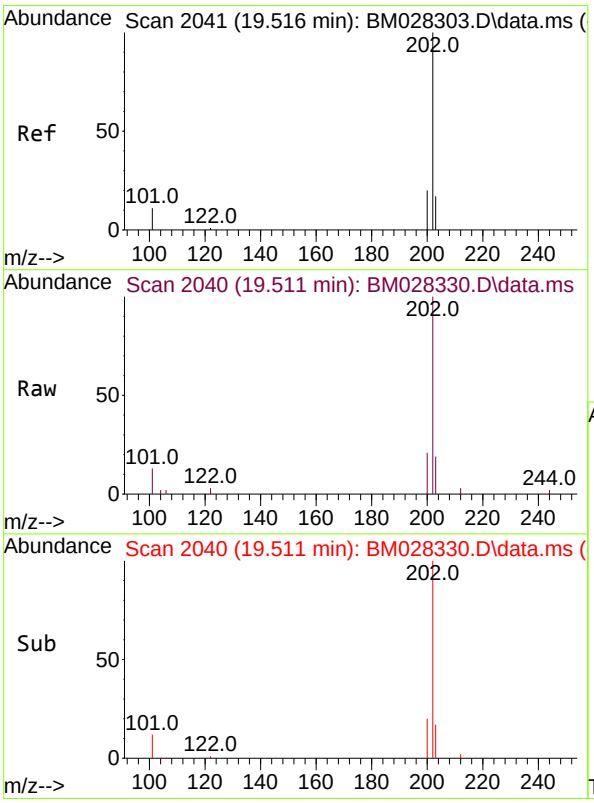
#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.487 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:212 Resp: 3434

Ion	Ratio	Lower	Upper
212	100		
106	12.6	6.8	10.2#
104	7.3	4.1	6.1#



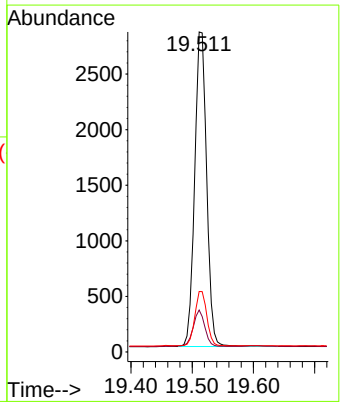
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC



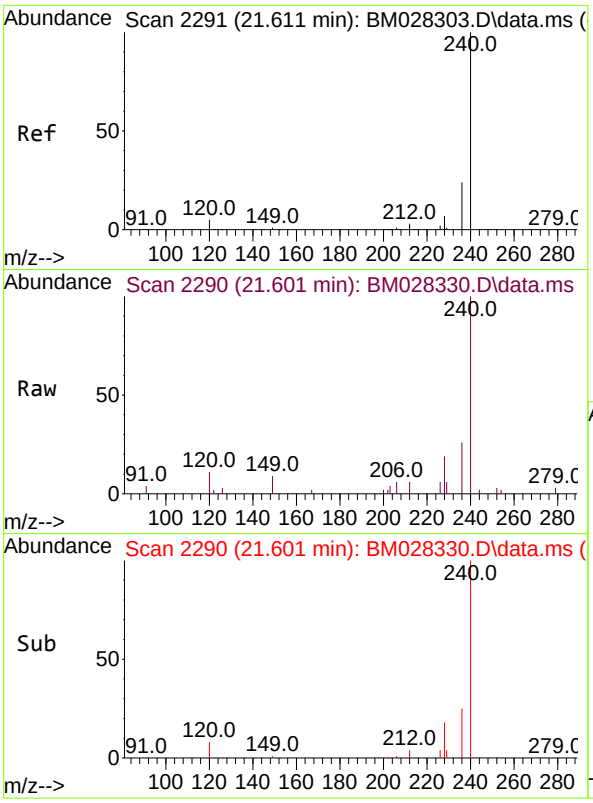
#26
Fluoranthene
Concen: 0.34 ng
RT: 19.511 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:202 Resp: 3834

Ion	Ratio	Lower	Upper
202	100		
101	11.5	5.8	8.6#
203	17.2	13.7	20.5



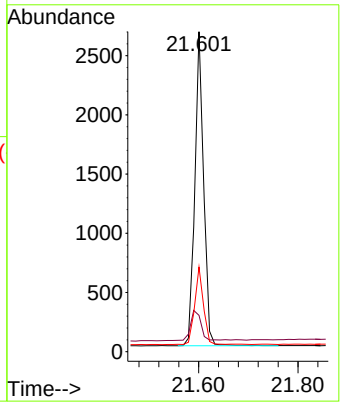
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

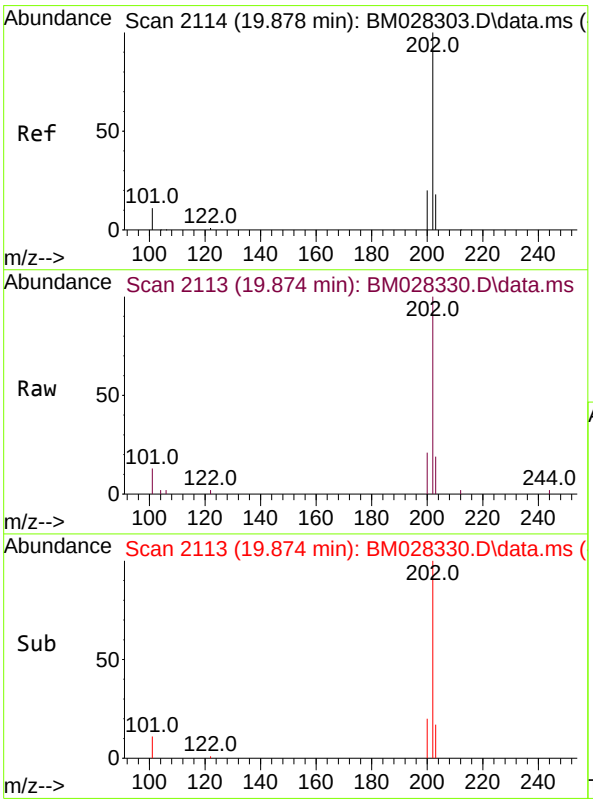


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.601 min Scan# 2290
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:240 Resp: 3261

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.3	7.9#
236	26.5	21.8	32.8

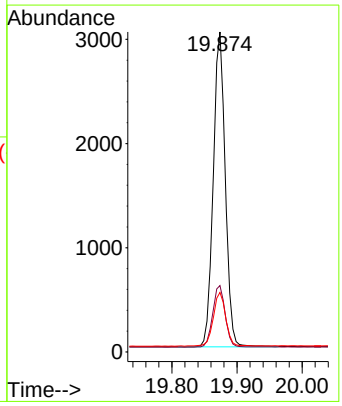




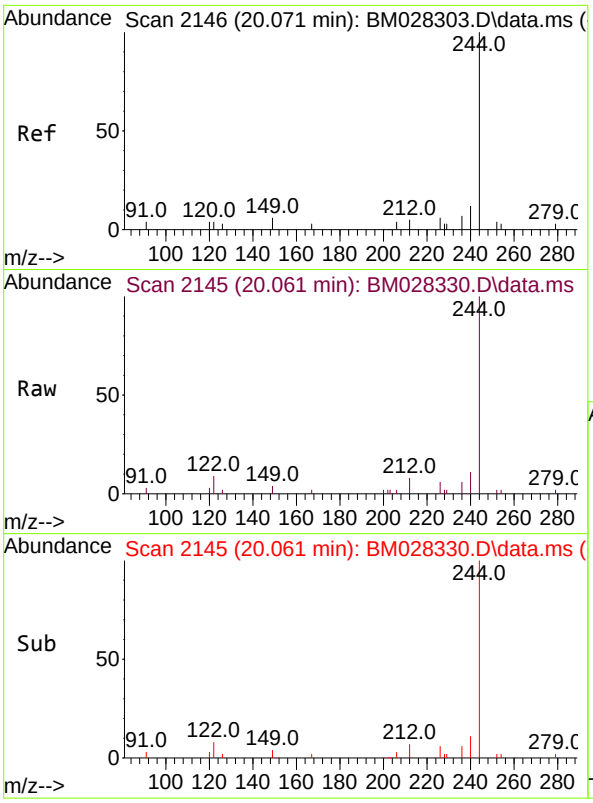
#28
Pyrene
Concen: 0.35 ng
RT: 19.874 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:202 Resp: 3882

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.6	13.8	20.8



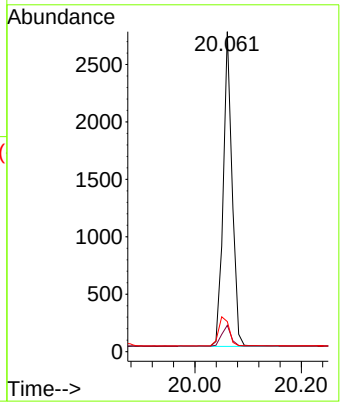
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

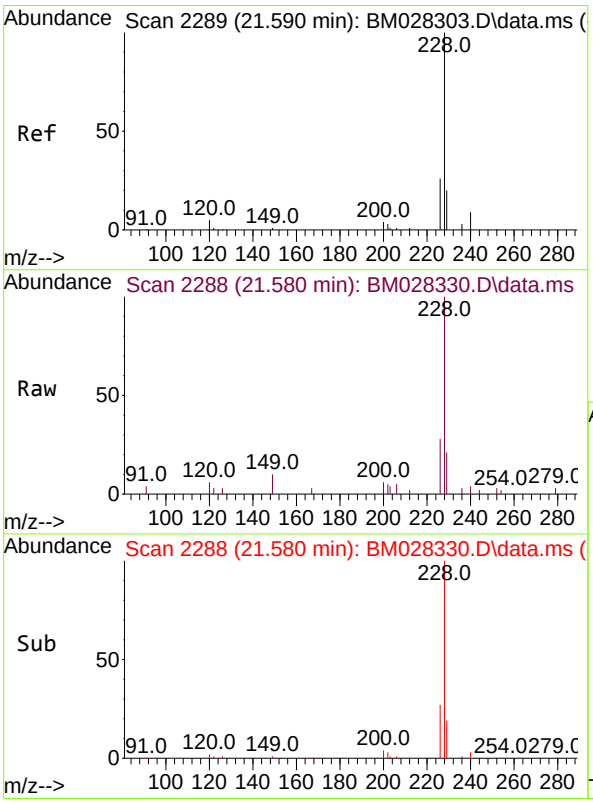


#29
Terphenyl-d14
Concen: 0.32 ng
RT: 20.061 min Scan# 2145
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:244 Resp: 2572

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.3	10.9
122	9.4	7.3	10.9

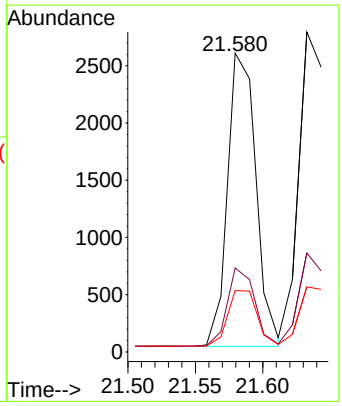




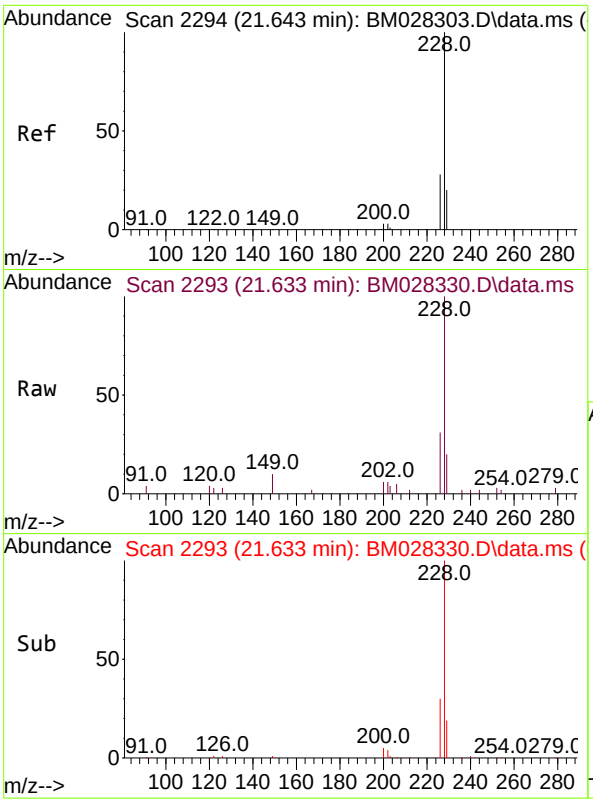
#30
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.580 min Scan# 2288
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:228 Resp: 3750

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.5	15.7	23.5



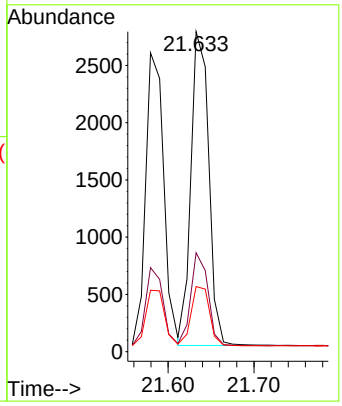
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

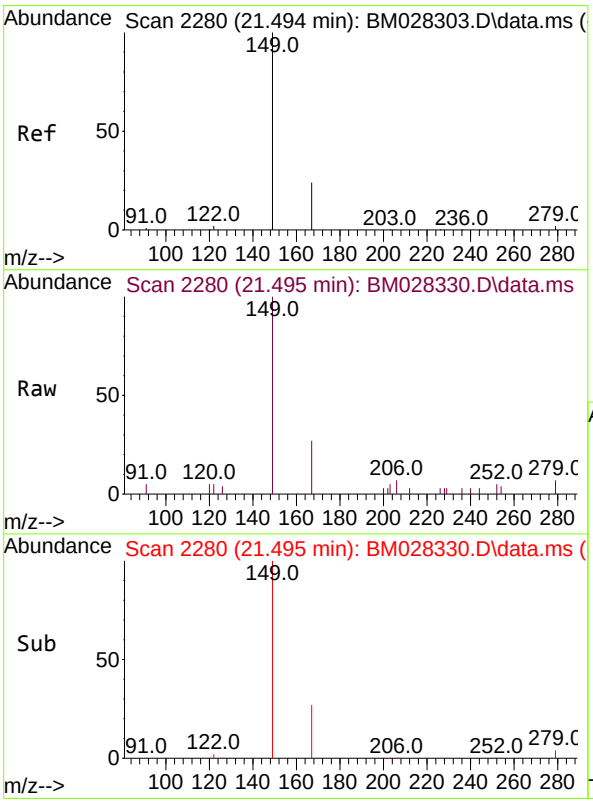


#31
Chrysene
Concen: 0.35 ng
RT: 21.633 min Scan# 2293
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:228 Resp: 3956

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	20.4	15.7	23.5

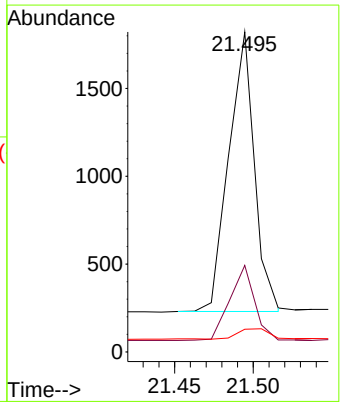


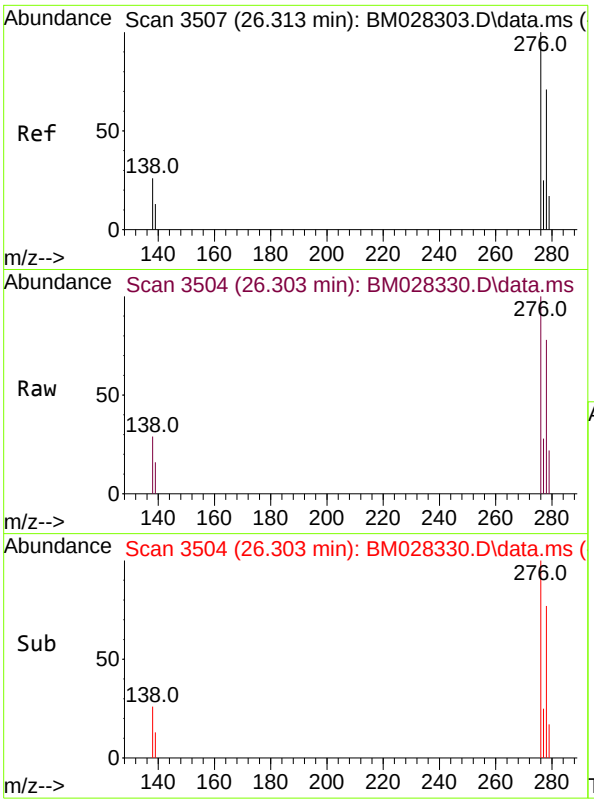


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.495 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:149 Resp: 1807

Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.2	34.8
279	4.3	3.9	5.9

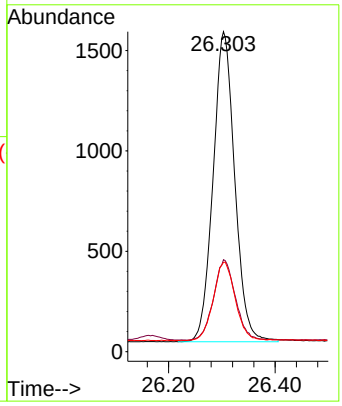




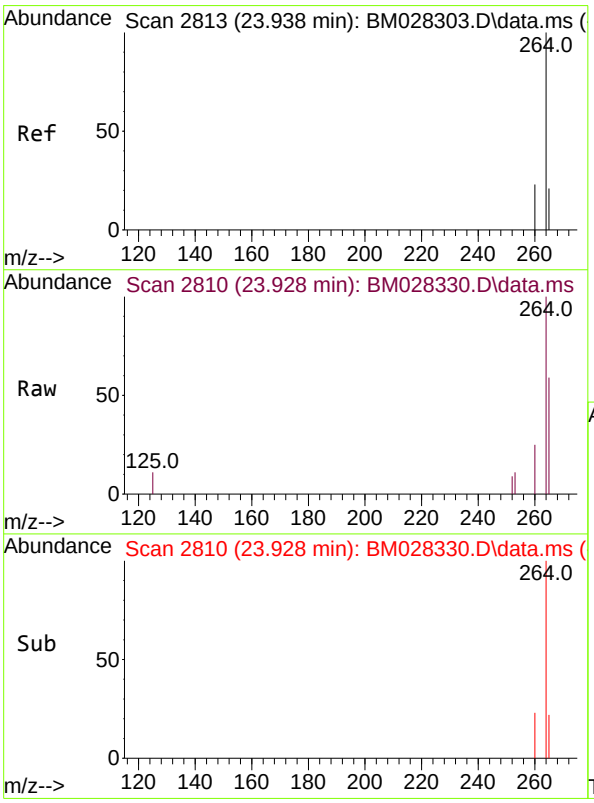
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.303 min Scan# 3504
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:276 Resp: 4371

Ion	Ratio	Lower	Upper
276	100		
138	26.1	13.3	19.9#
277	25.6	20.2	30.4



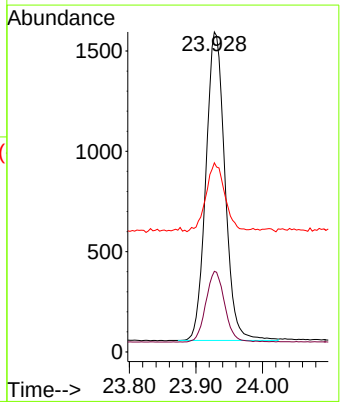
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

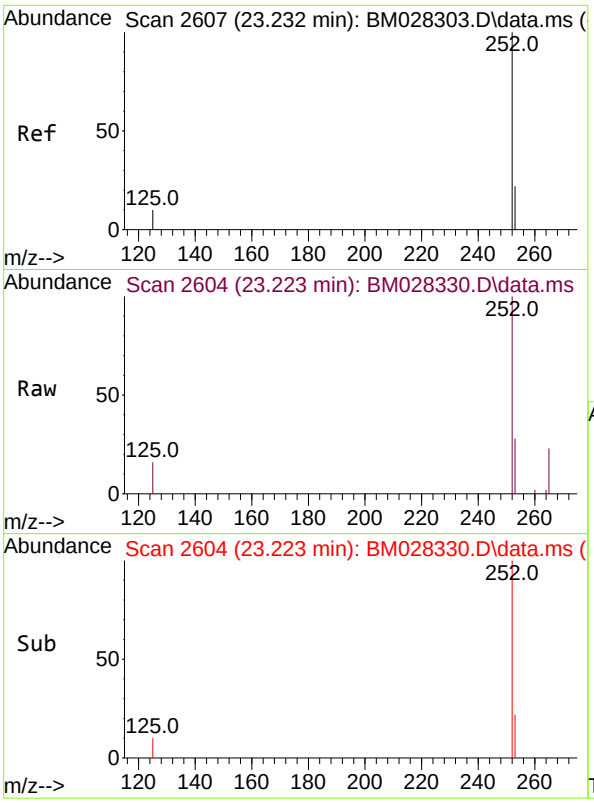


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.928 min Scan# 2810
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:264 Resp: 3057

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	59.1	51.4	77.0

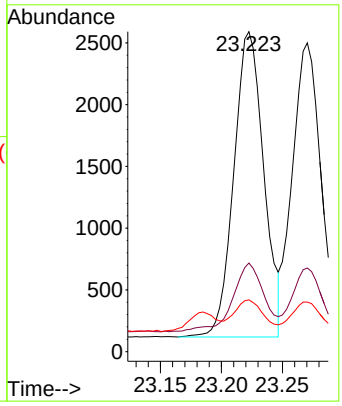




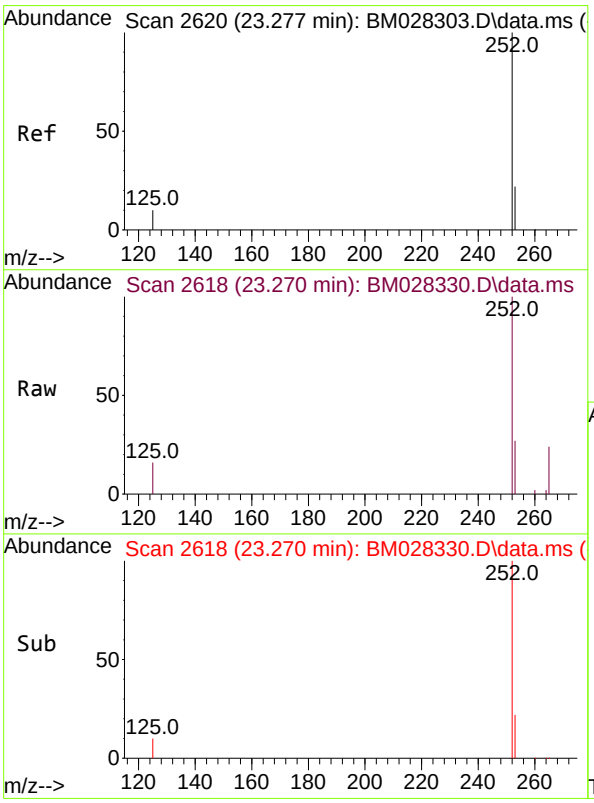
#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.223 min Scan# 2604
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:252 Resp: 4214

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.1	30.1
125	16.2	7.2	10.8#



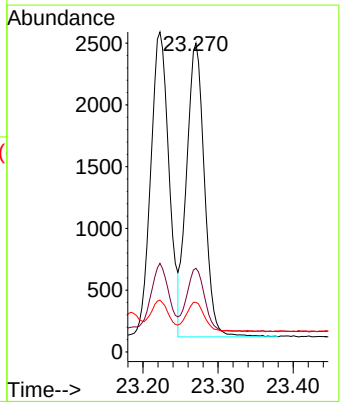
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC



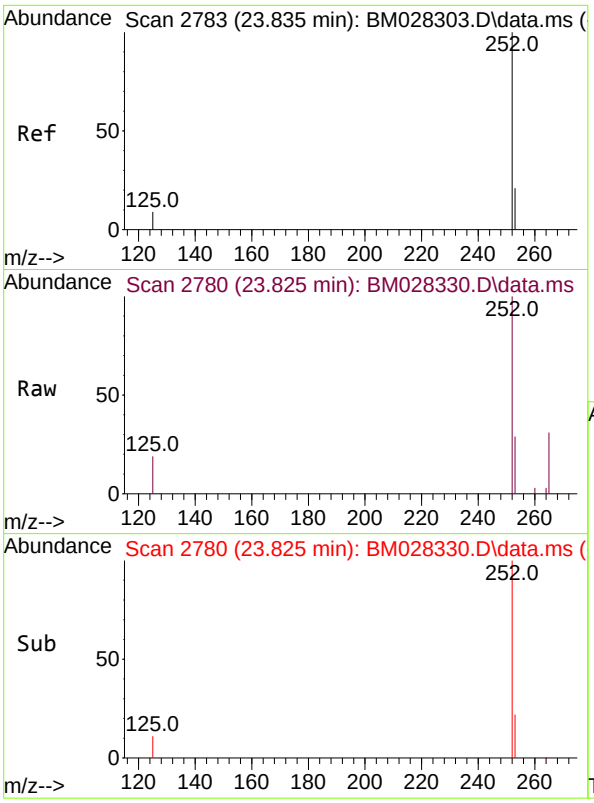
#36
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 23.270 min Scan# 2618
Delta R.T. -0.007 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:252 Resp: 3925

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.8	29.8
125	16.1	7.1	10.7#



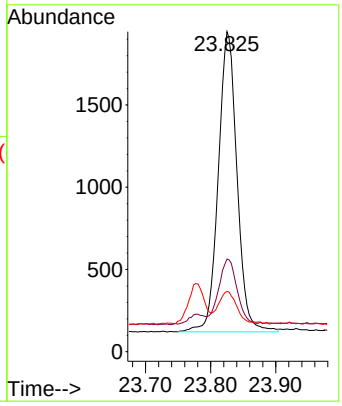
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

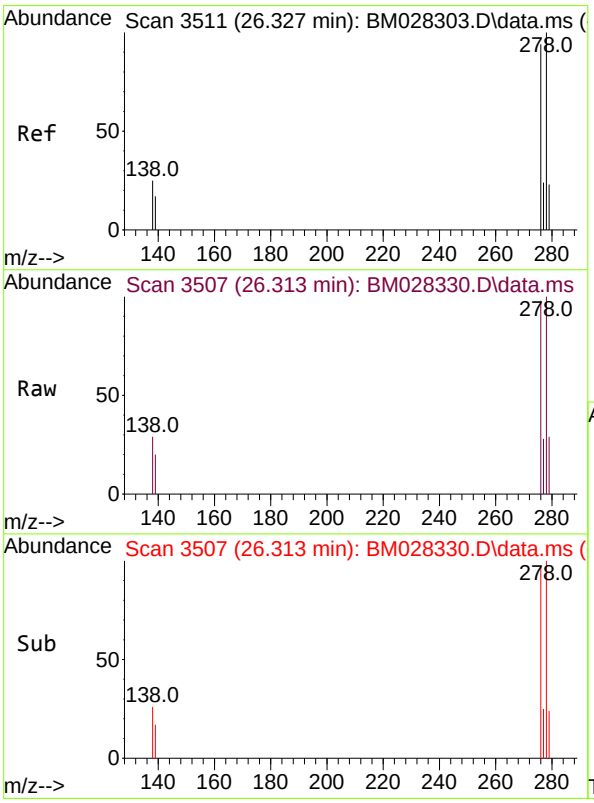


#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.825 min Scan# 2780
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:252 Resp: 3656

Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.3	31.9
125	18.9	8.3	12.5#

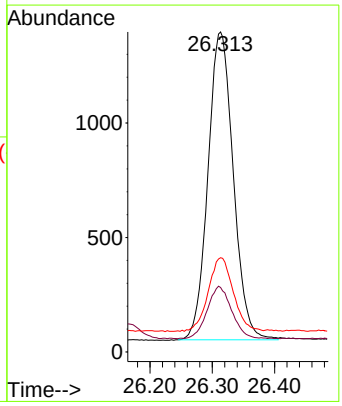


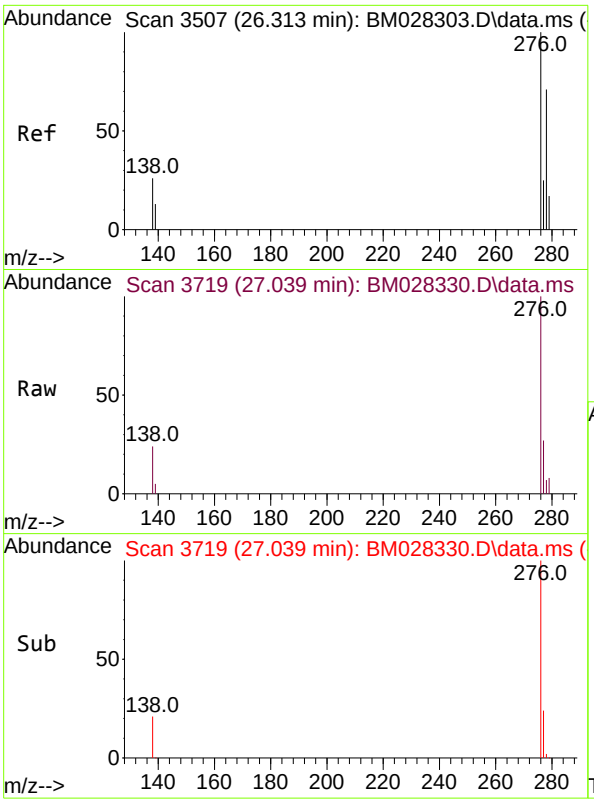


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.313 min Scan# 3507
Delta R.T. -0.013 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:278 Resp: 3799

Ion	Ratio	Lower	Upper
278	100		
139	20.2	9.3	13.9#
279	29.5	21.6	32.4

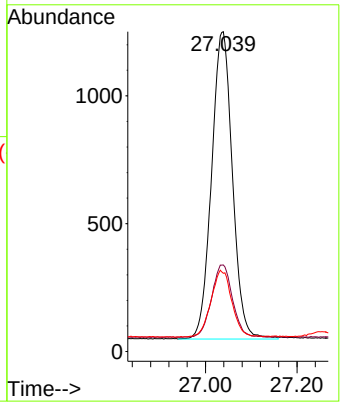




#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.039 min Scan# 3719
Delta R.T. -0.010 min
Lab File: BM028330.D
Acq: 01 Jan 2021 09:58

Tgt Ion:276 Resp: 3806

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.8	29.8
138	24.5	11.7	17.5#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC