Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
Data File : BM028257.D
Acq On : 23 Dec 2020 18:31
Operator : JU/CG
Sample : L5189-16DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 01:55:25 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 23 12:17:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.198	152	128413	20.00	ng		0.00
21) Naphthalene-d8	11.028	136	507093	20.00	ng		# 0.00
39) Acenaphthene-d10	14.827	164	269744	20.00	ng		0.00
64) Phenanthrene-d10	17.545	188	497695	20.00	ng		# 0.00
76) Chrysene-d12	21.662	240	458676	20.00	ng		# 0.00
86) Perylene-d12	24.027	264	481039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	366214	47.00	ng		0.00
7) Phenol-d6	7.340	99	473177	42.52	ng		0.00
23) Nitrobenzene-d5	9.375	82	289718	28.35	ng		0.00
42) 2,4,6-Tribromophenol	16.298	330	141883	39.62	ng		0.00
45) 2-Fluorobiphenyl	13.451	172	485606	23.40	ng		0.00
79) Terphenyl-d14	20.115	244	421984	16.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.363	94	32908	3.11	ng		90
32) Benzoic acid	10.234	122	54	Below Cal		#	15
49) Acenaphthylene	14.551	152	63450	2.32	ng		99
50) Dimethylphthalate	14.269	163	68150	3.04	ng		99
52) Acenaphthene	14.886	154	38680	2.08	ng		98
56) 4-Nitrophenol	15.216	139	15808	3.78	ng	#	1
58) Fluorene	15.863	166	52658	2.42	ng		97
71) Phenanthrene	17.592	178	1083773	35.86	ng		100
72) Anthracene	17.680	178	263941	9.03	ng		99
73) Carbazole	17.939	167	110059	3.99	ng		99
75) Fluoranthene	19.574	202	1775073	52.45	ng		96
78) Pyrene	19.933	202	1569479	47.26	ng		99
81) Benzo(a)anthracene	21.650	228	910414	29.14	ng		99
83) Chrysene	21.703	228	756891	25.02	ng		97
88) Benzo(b)fluoranthene	23.315	252	1292455	39.44	ng	#	94
89) Benzo(k)fluoranthene	23.315	252	1292817	40.59	ng	#	94
90) Benzo(a)pyrene	23.927	252	703785	23.93	ng	#	94
91) Dibenzo(a,h)anthracene	26.462	278	121343	4.55	ng	#	88
92) Benzo(g,h,i)perylene	27.209	276	385770	15.13	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
Data File : BM028257.D
Acq On : 23 Dec 2020 18:31
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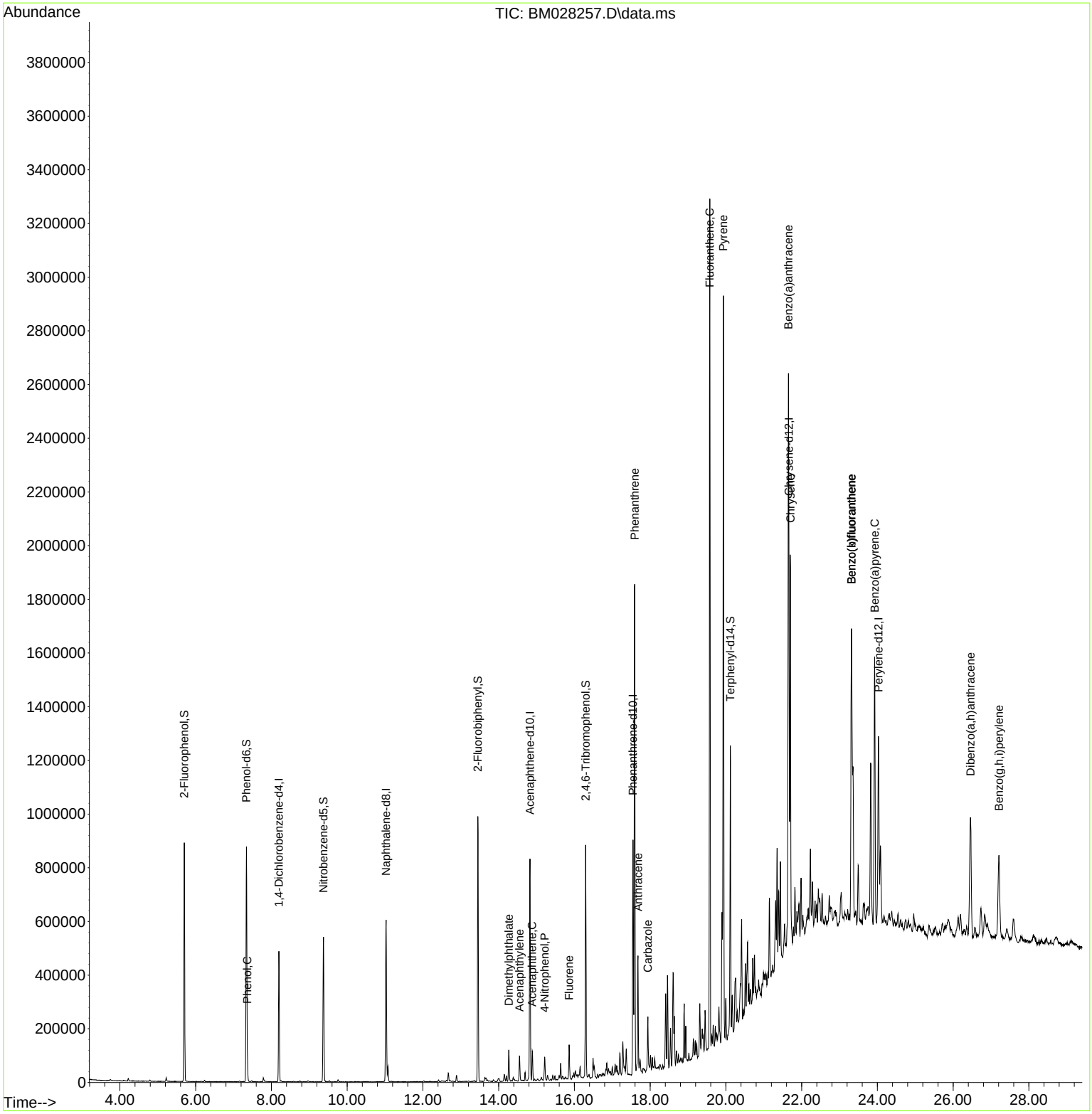
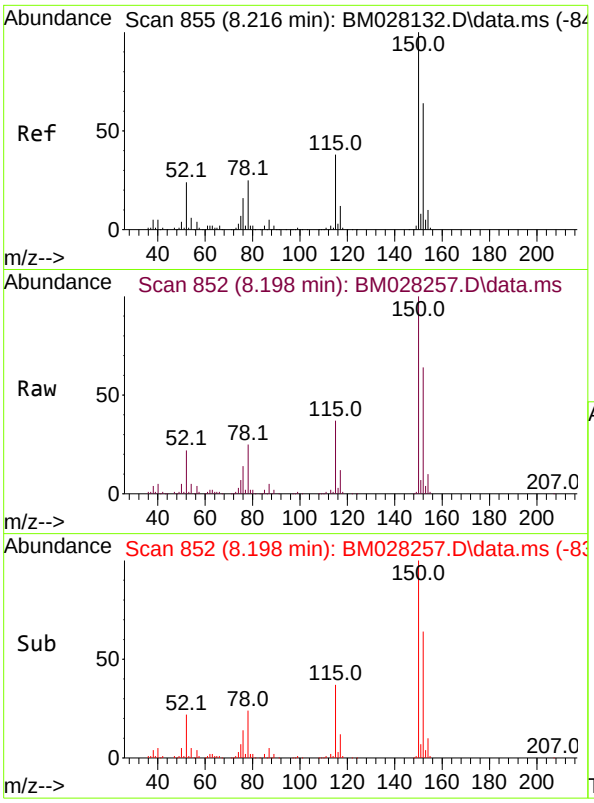
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 01:55:25 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 23 12:17:02 2020
Response via : Initial Calibration



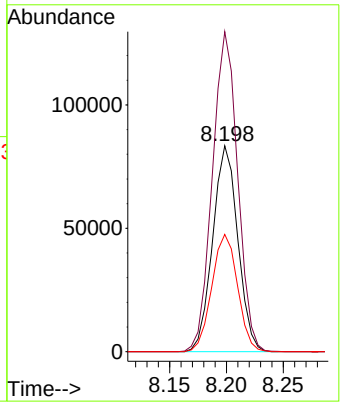
Instrument :
BNA_M
ClientSampleId :

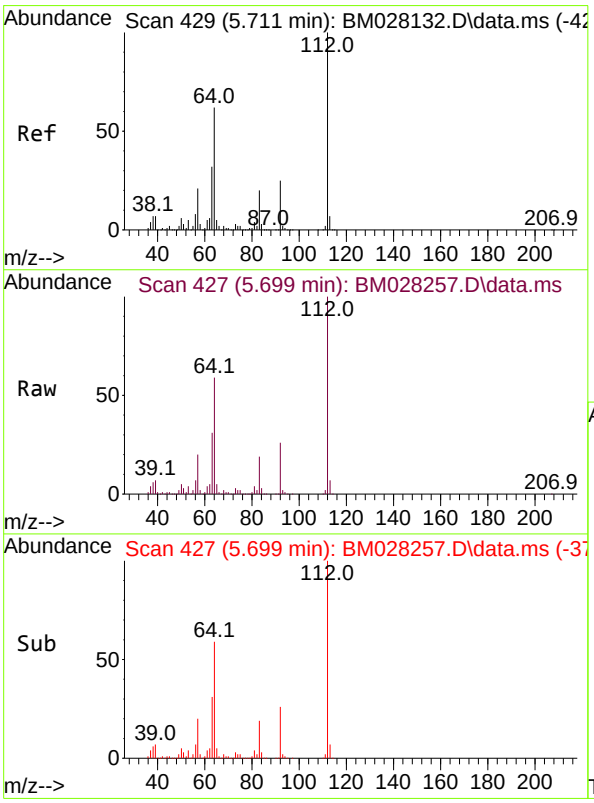


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:152 Resp: 128413

Ion	Ratio	Lower	Upper
152	100		
150	155.4	120.6	181.0
115	56.9	47.2	70.8

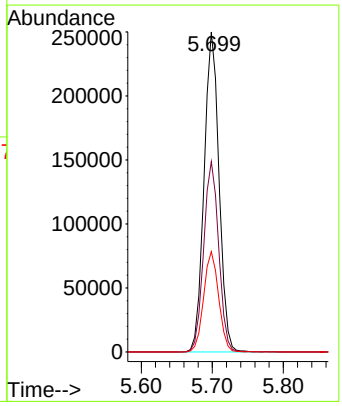


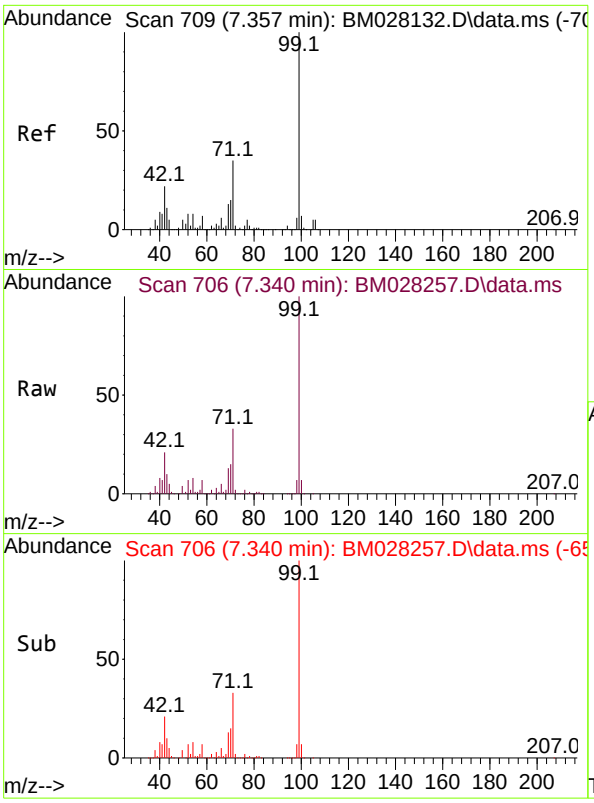


#5
2-Fluorophenol
Concen: 47.00 ng
RT: 5.699 min Scan# 427
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:112 Resp: 366214

Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.6	76.0
63	31.4	31.0	46.6

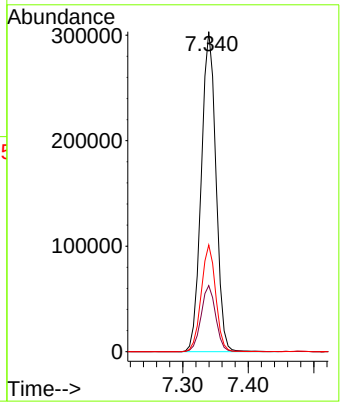




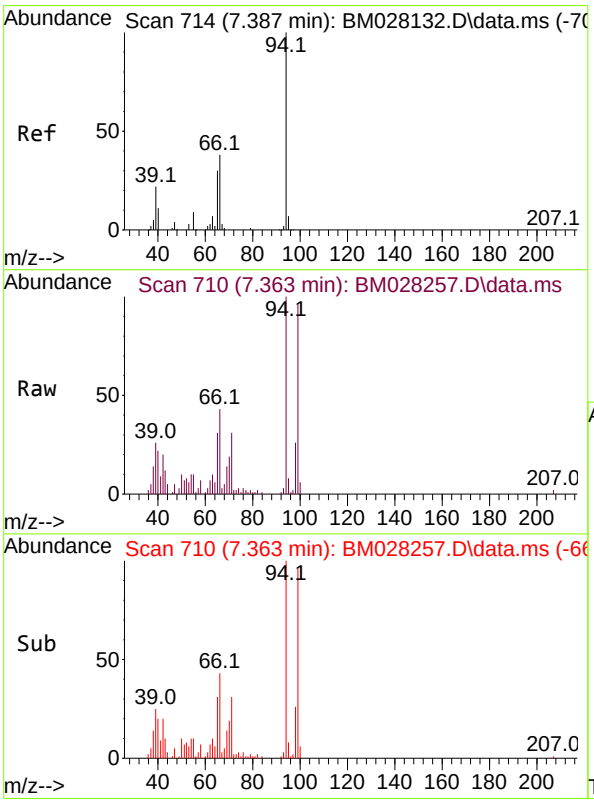
#7
Phenol-d6
Concen: 42.52 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion: 99 Resp: 473177

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.5	20.3#
71	33.4	39.4	59.0#



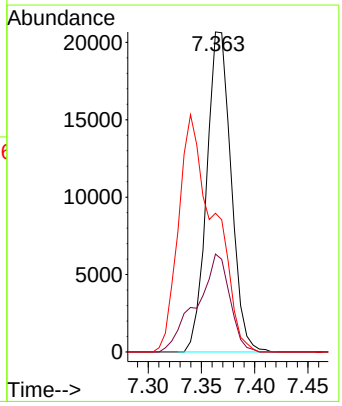
Instrument :
BNA_M
ClientSampleId :



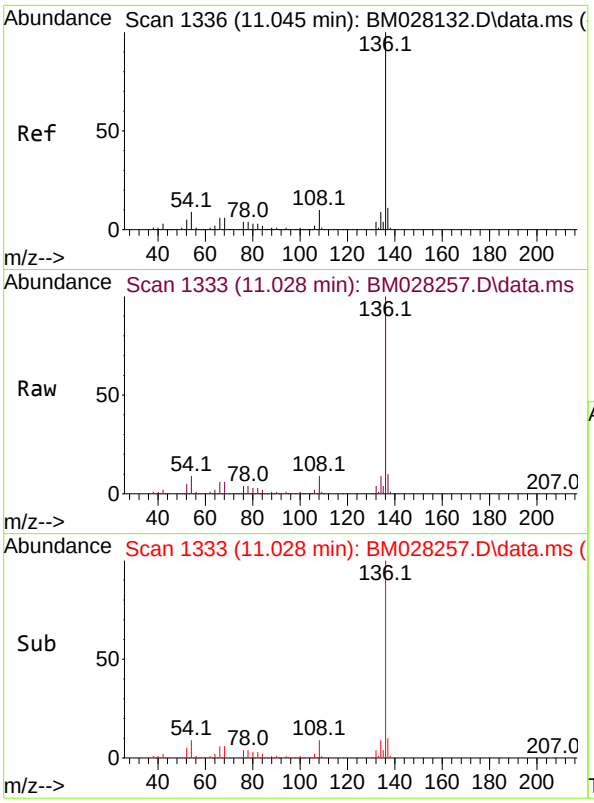
#10
Phenol
Concen: 3.11 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion: 94 Resp: 32908

Ion	Ratio	Lower	Upper
94	100		
65	30.6	16.4	56.4
66	43.3	30.2	70.2



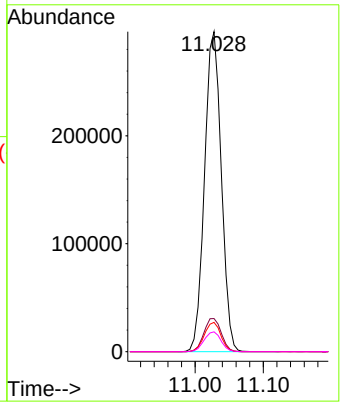
Instrument :
BNA_M
ClientSampleId :

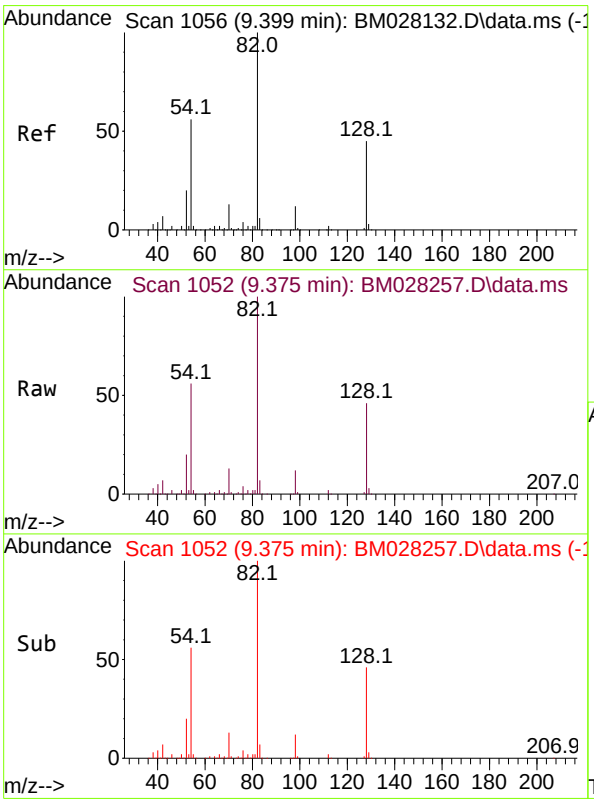


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:136 Resp: 507093

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	9.1	4.6	7.0#
68	6.2	4.1	6.1#

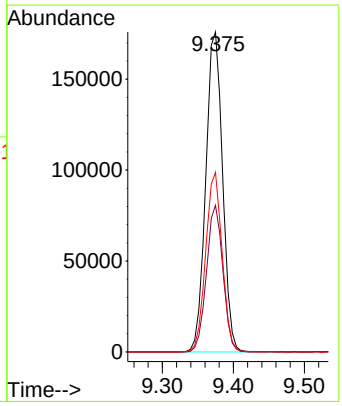




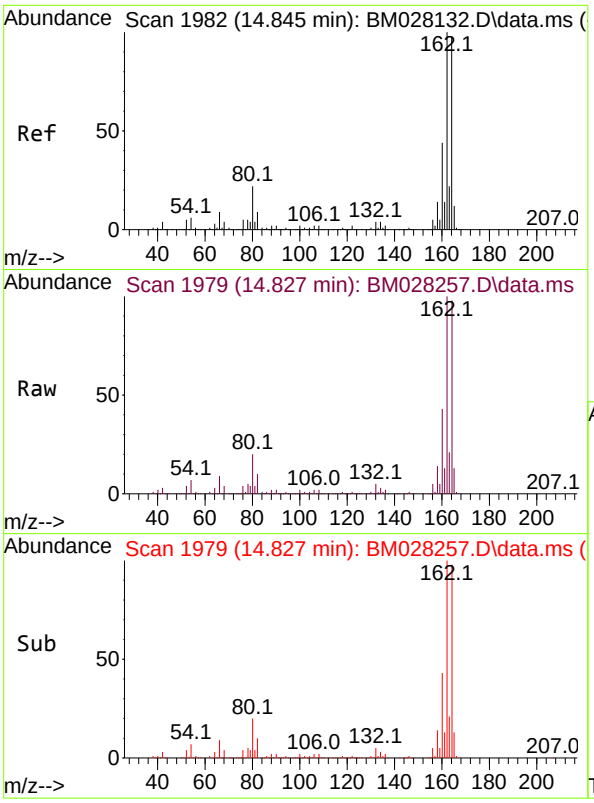
#23
Nitrobenzene-d5
Concen: 28.35 ng
RT: 9.375 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion: 82 Resp: 289718

Ion	Ratio	Lower	Upper
82	100		
128	45.8	27.4	41.0#
54	56.2	31.4	47.0#



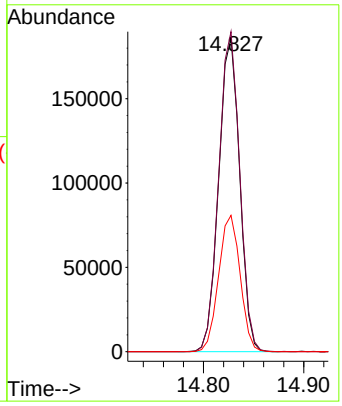
Instrument :
BNA_M
ClientSampleId :

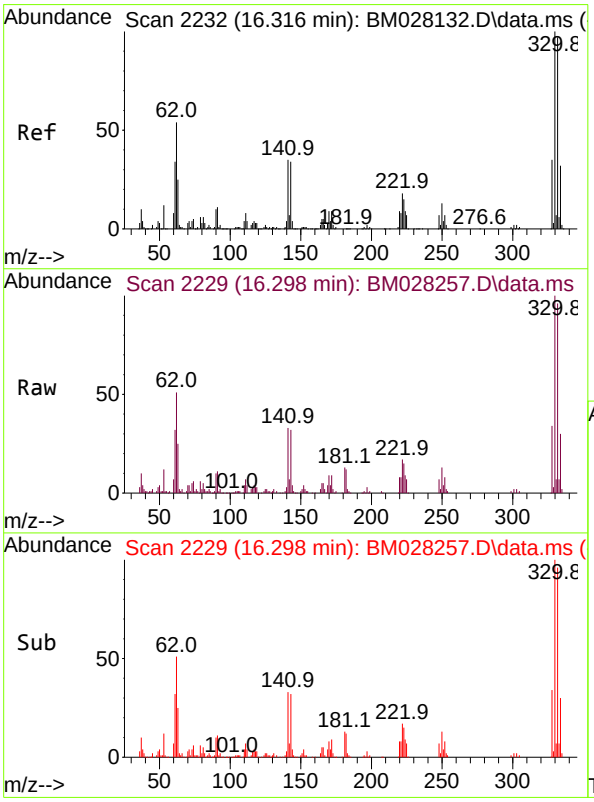


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:164 Resp: 269744

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.4	120.6
160	43.5	35.9	53.9

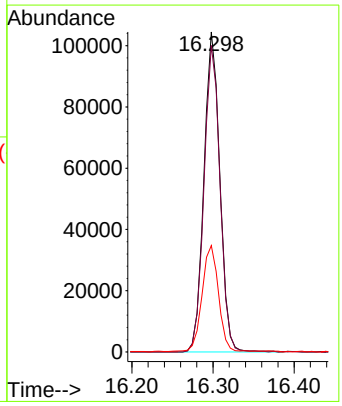




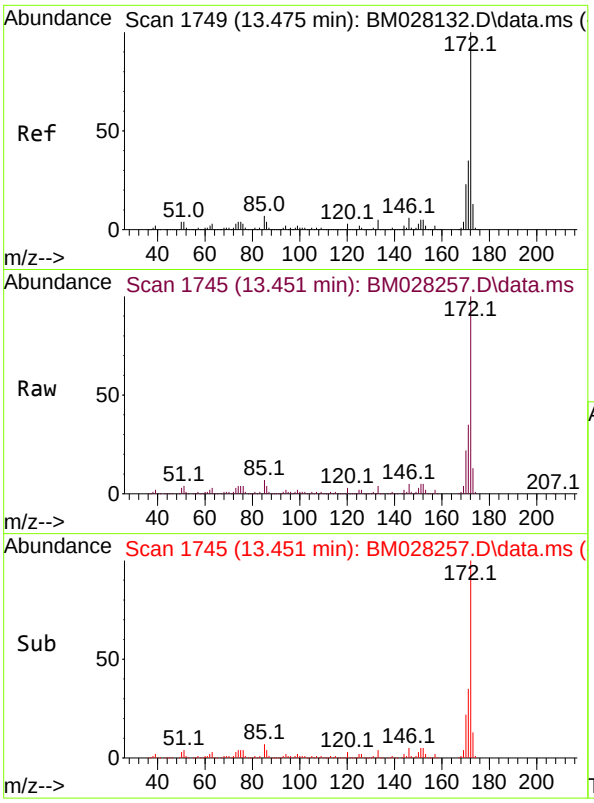
#42
2,4,6-Tribromophenol
Concen: 39.62 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:330 Resp: 141883

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	33.9	28.4	42.6



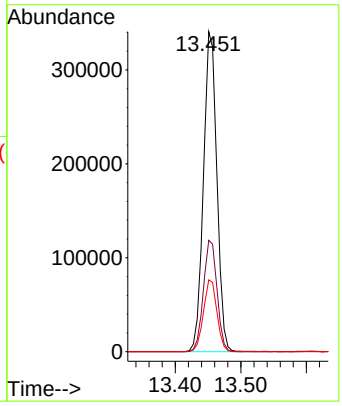
Instrument :
BNA_M
ClientSampleId :

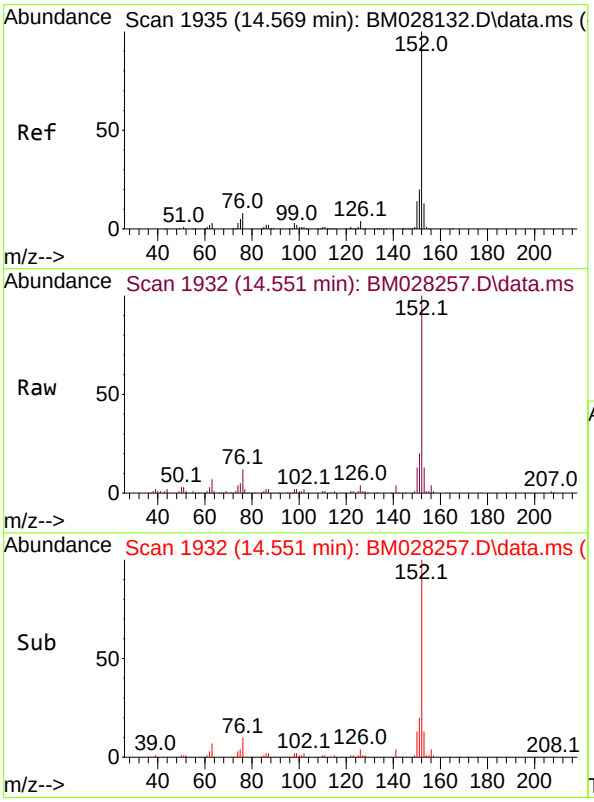


#45
2-Fluorobiphenyl
Concen: 23.40 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:172 Resp: 485606

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	22.5	18.6	27.8

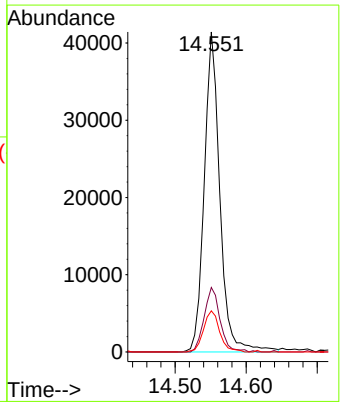




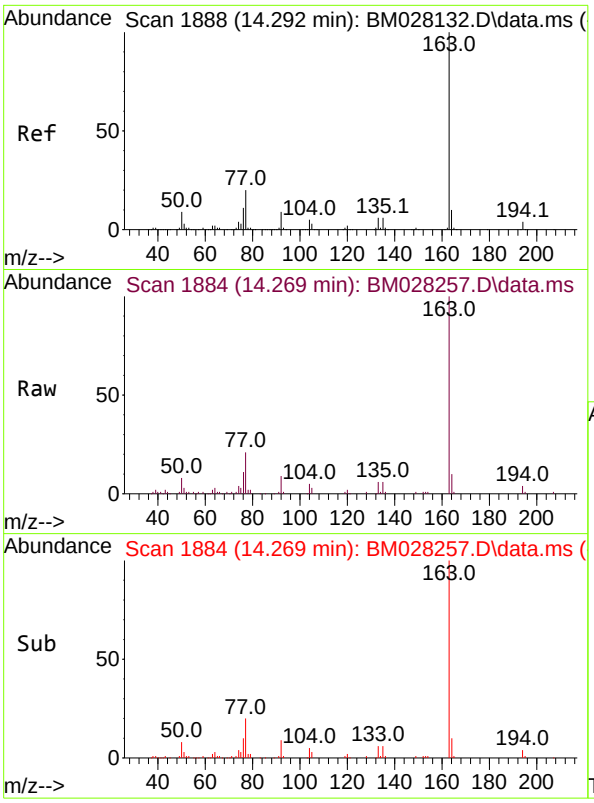
#49
Acenaphthylene
Concen: 2.32 ng
RT: 14.551 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:152 Resp: 63450

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	12.9	10.4	15.6



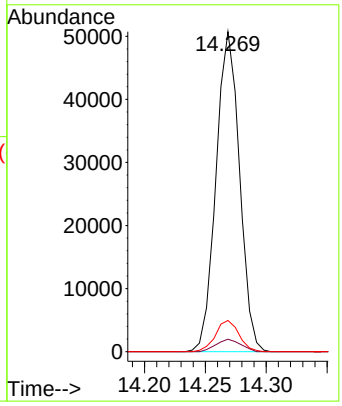
Instrument :
BNA_M
ClientSampleId :

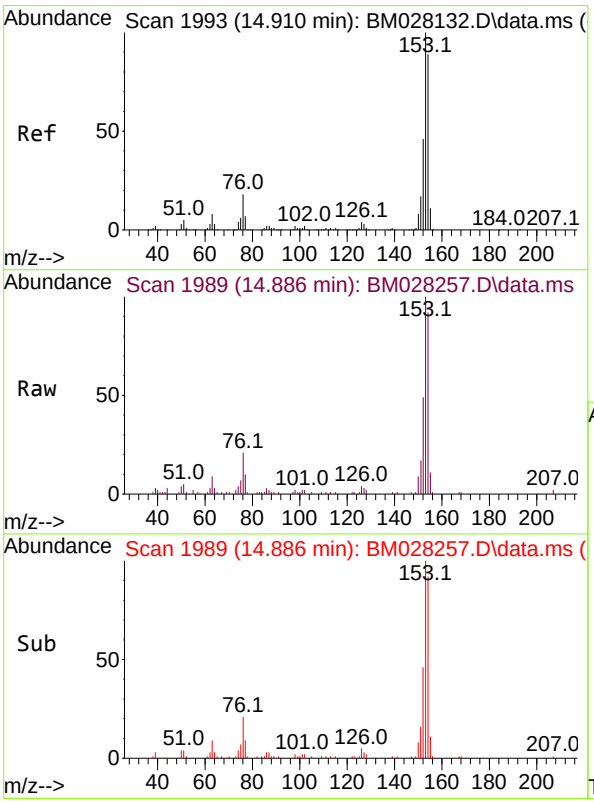


#50
Dimethylphthalate
Concen: 3.04 ng
RT: 14.269 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:163 Resp: 68150

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.8	8.1	12.1

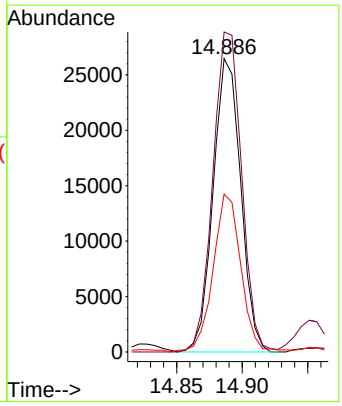




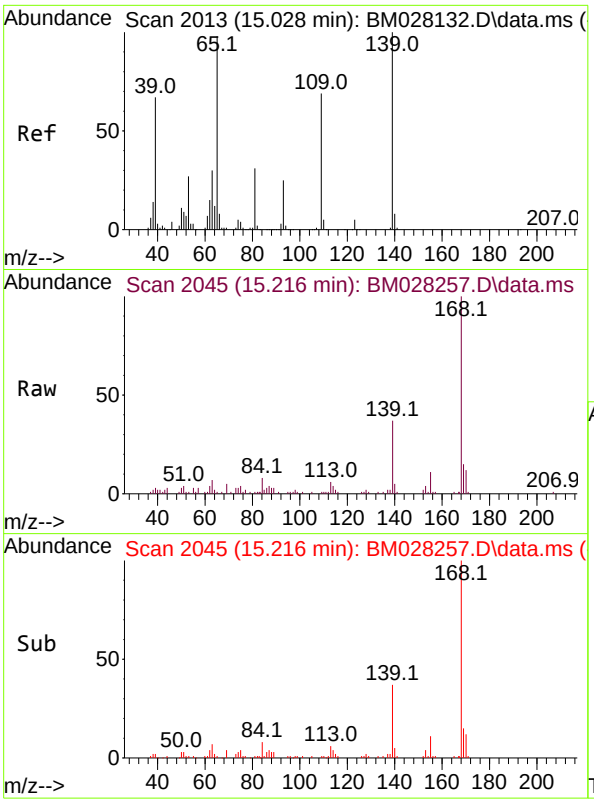
#52
Acenaphthene
Concen: 2.08 ng
RT: 14.886 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:154 Resp: 38680

Ion	Ratio	Lower	Upper
154	100		
153	109.1	88.3	132.5
152	53.8	41.4	62.2



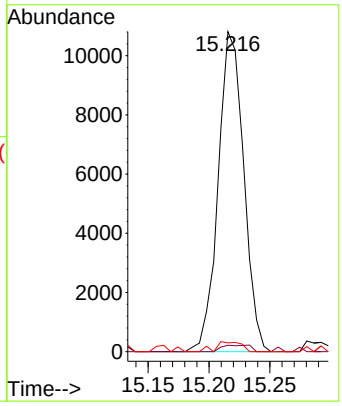
Instrument :
BNA_M
ClientSampleId :

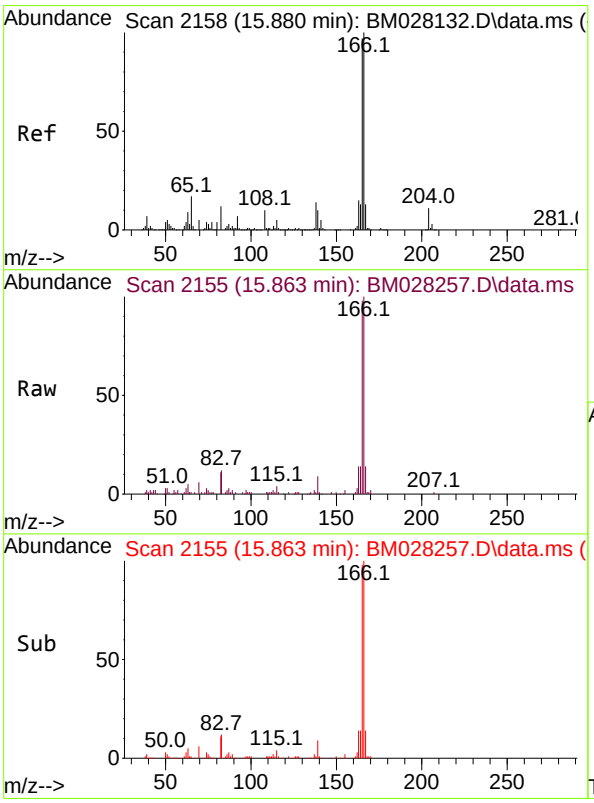


#56
4-Nitrophenol
Concen: 3.78 ng
RT: 15.216 min Scan# 2045
Delta R.T. 0.200 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:139 Resp: 15808

Ion	Ratio	Lower	Upper
139	100		
109	2.0	77.0	117.0#
65	2.8	103.4	143.4#

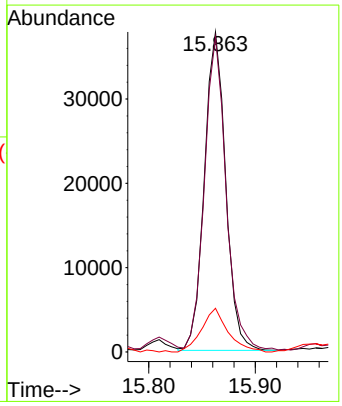


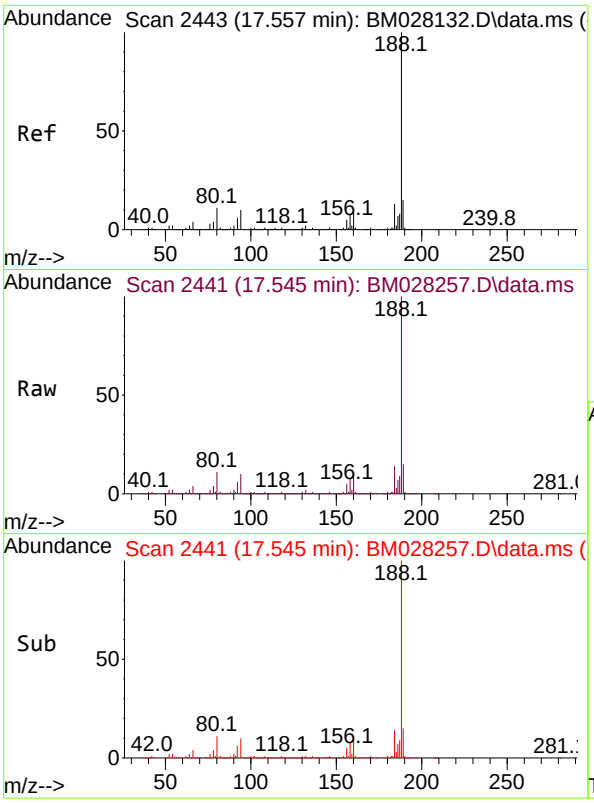


#58
Fluorene
Concen: 2.42 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:166 Resp: 52658

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.2	114.2
167	13.7	10.7	16.1

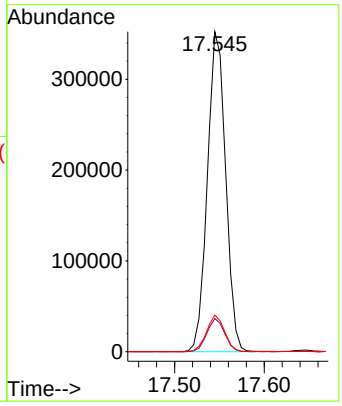




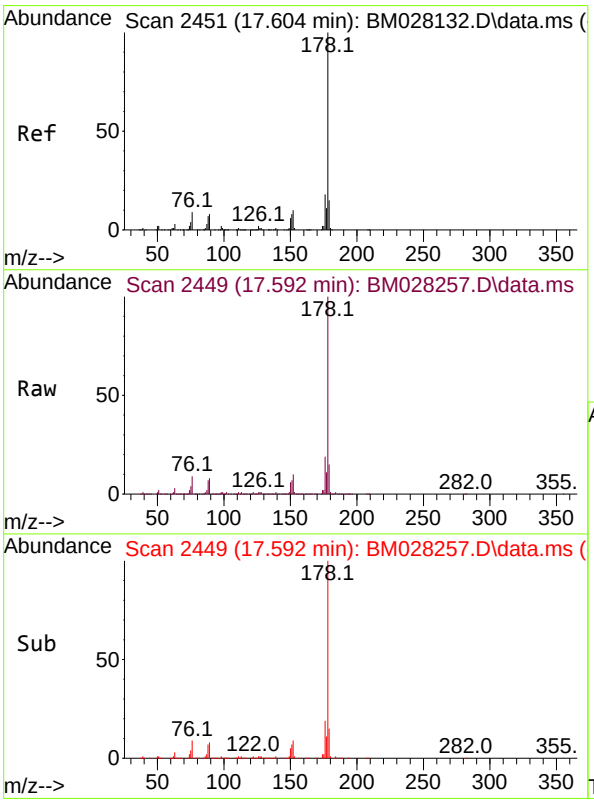
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:188 Resp: 497695

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.2	9.4#
80	11.5	7.5	11.3#



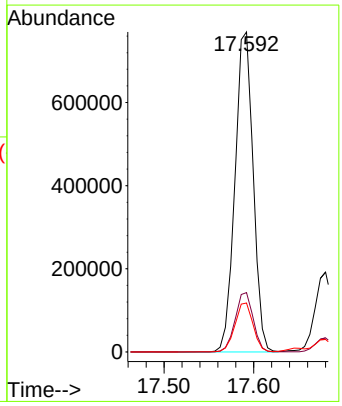
Instrument :
BNA_M
ClientSampleId :



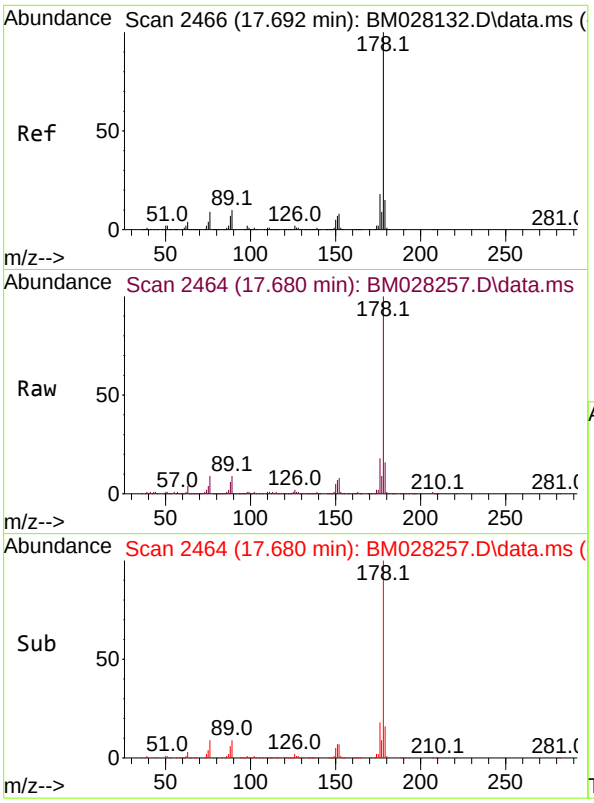
#71
Phenanthrene
Concen: 35.86 ng
RT: 17.592 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:178 Resp: 1083773

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.3	12.2	18.4



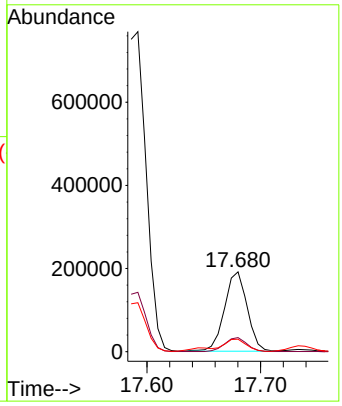
Instrument :
BNA_M
ClientSampleId :

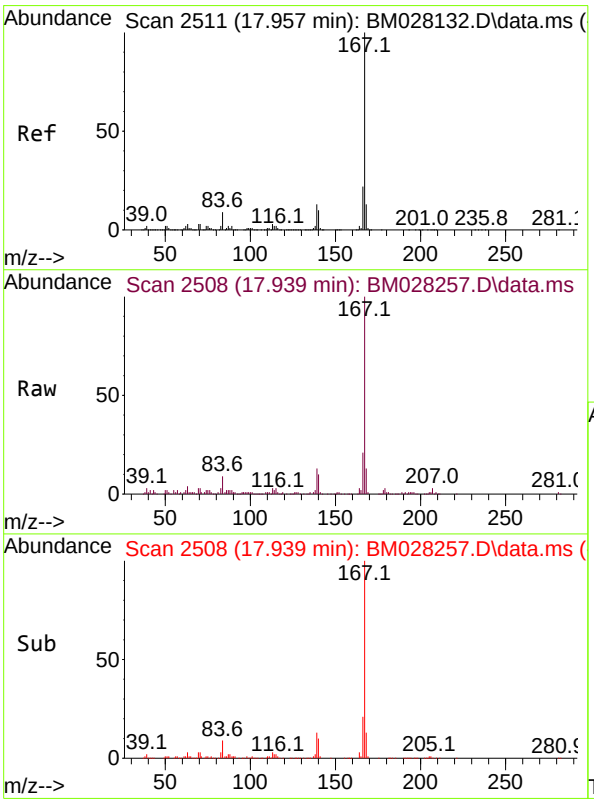


#72
Anthracene
Concen: 9.03 ng
RT: 17.680 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:178 Resp: 263941

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	15.7	12.5	18.7

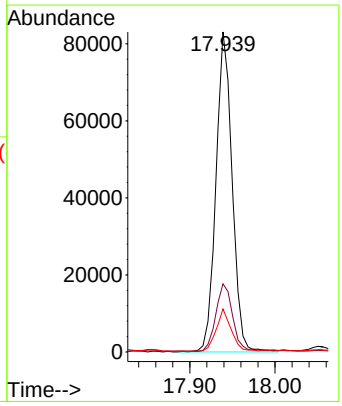




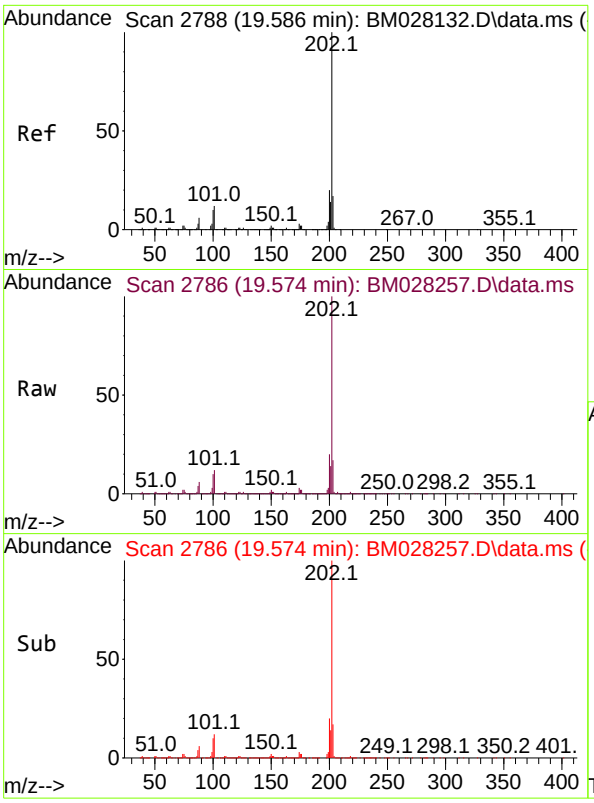
#73
Carbazole
Concen: 3.99 ng
RT: 17.939 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:167 Resp: 110059

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	13.5	9.9	14.9



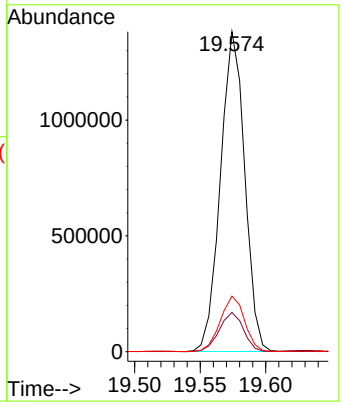
Instrument :
BNA_M
ClientSampleId :

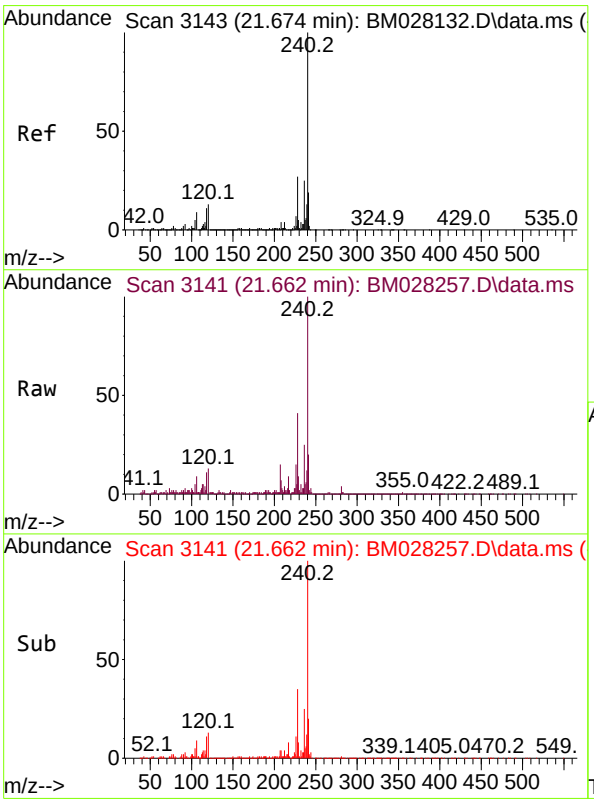


#75
Fluoranthene
Concen: 52.45 ng
RT: 19.574 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:202 Resp: 1775073

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	28.5
203	17.3	0.0	37.3

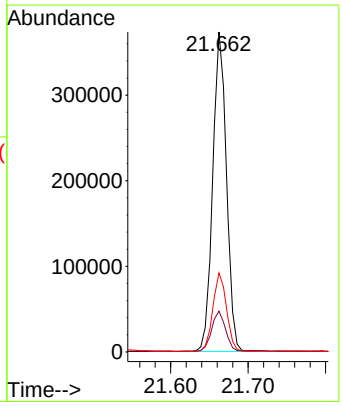




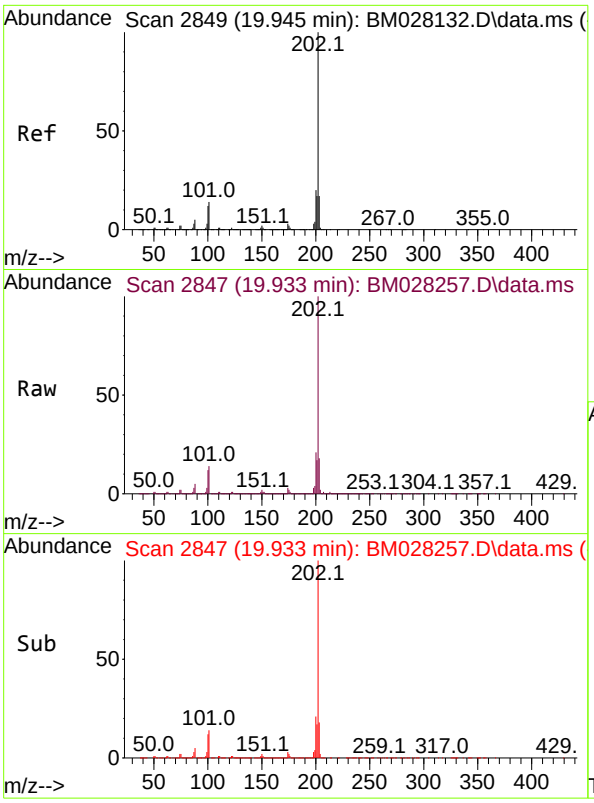
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.662 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:240 Resp: 458676

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.4	9.6#
236	24.7	20.1	30.1



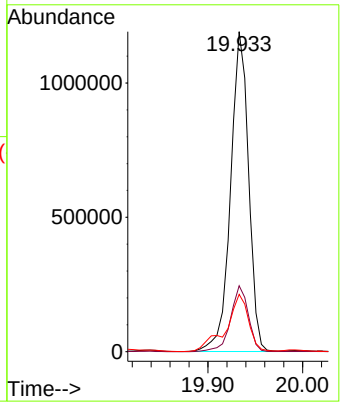
Instrument :
BNA_M
ClientSampleId :

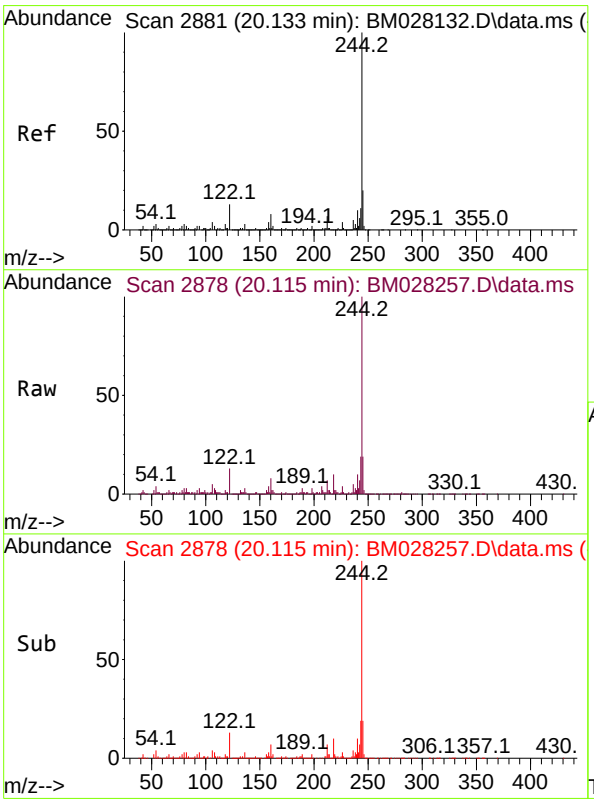


#78
Pyrene
Concen: 47.26 ng
RT: 19.933 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:202 Resp: 1569479

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.9	13.8	20.6

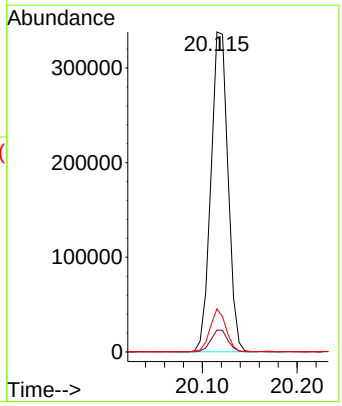


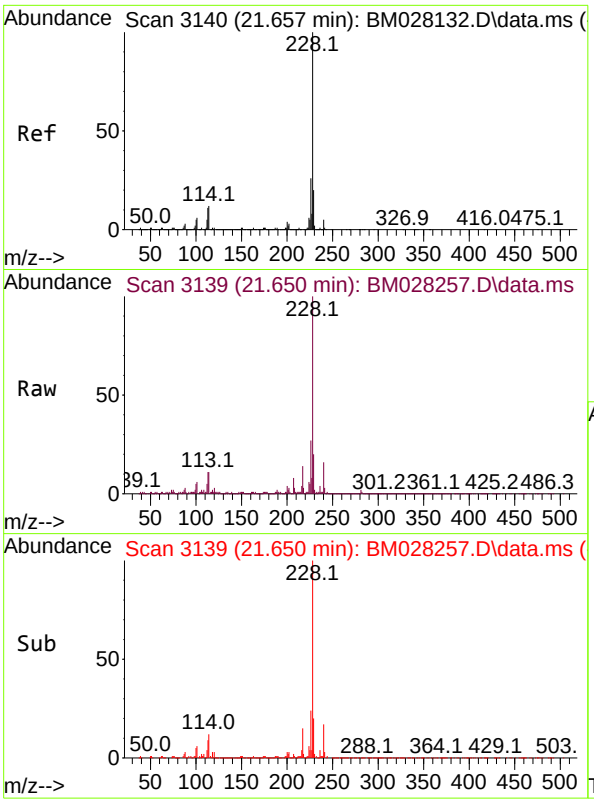


#79
Terphenyl-d14
Concen: 16.69 ng
RT: 20.115 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:244 Resp: 421984

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.4	6.5	9.7#

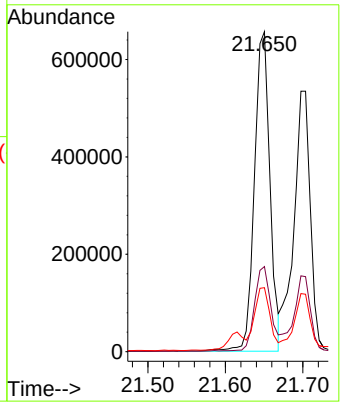




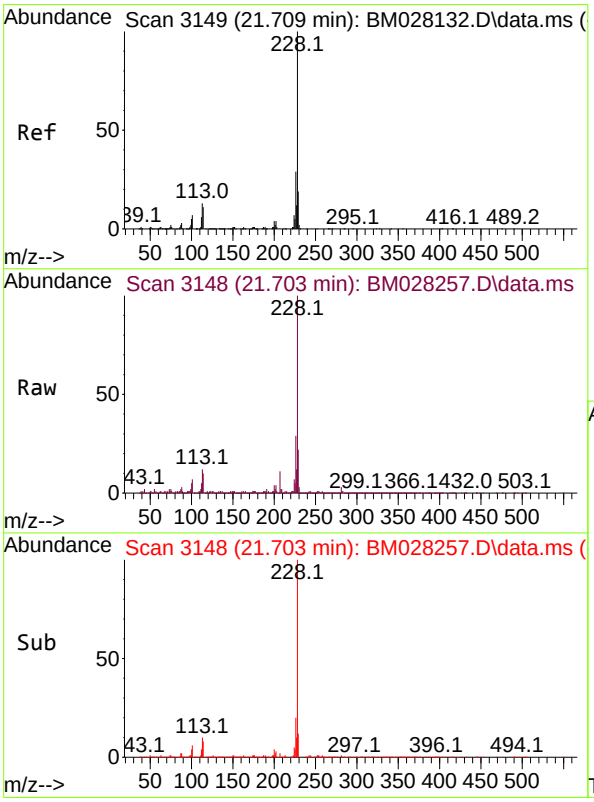
#81
Benzo(a)anthracene
Concen: 29.14 ng
RT: 21.650 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:228 Resp: 910414

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.1	31.7
229	20.0	15.7	23.5



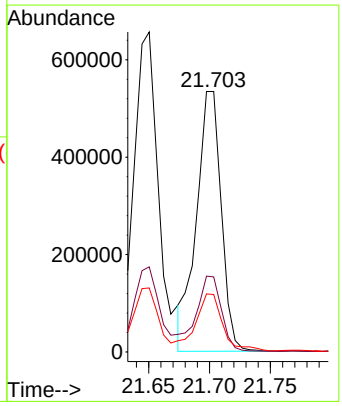
Instrument :
BNA_M
ClientSampleId :



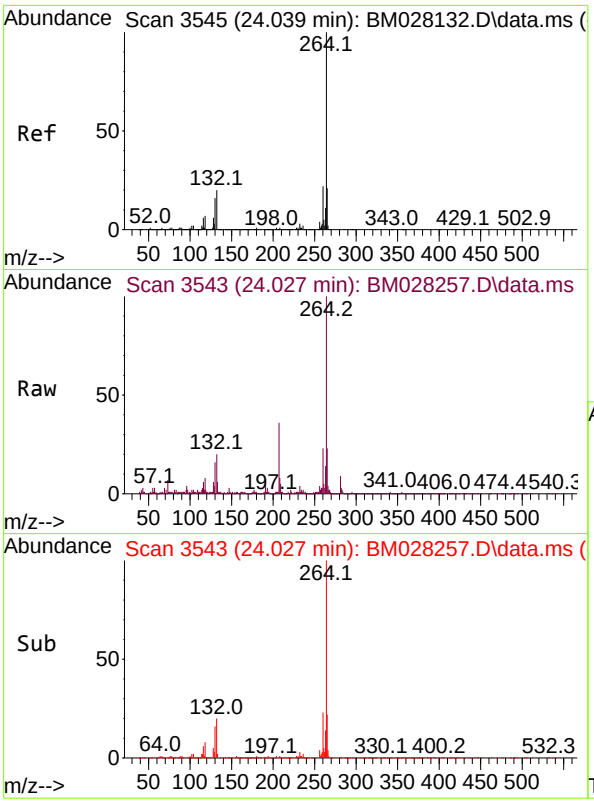
#83
Chrysene
Concen: 25.02 ng
RT: 21.703 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:228 Resp: 756891

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	22.0	15.7	23.5



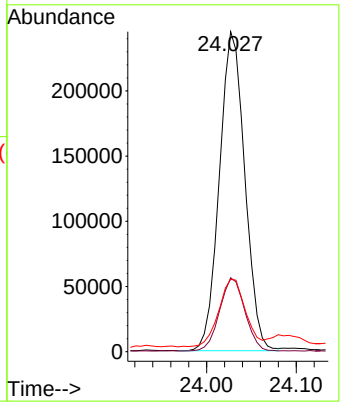
Instrument :
BNA_M
ClientSampleId :

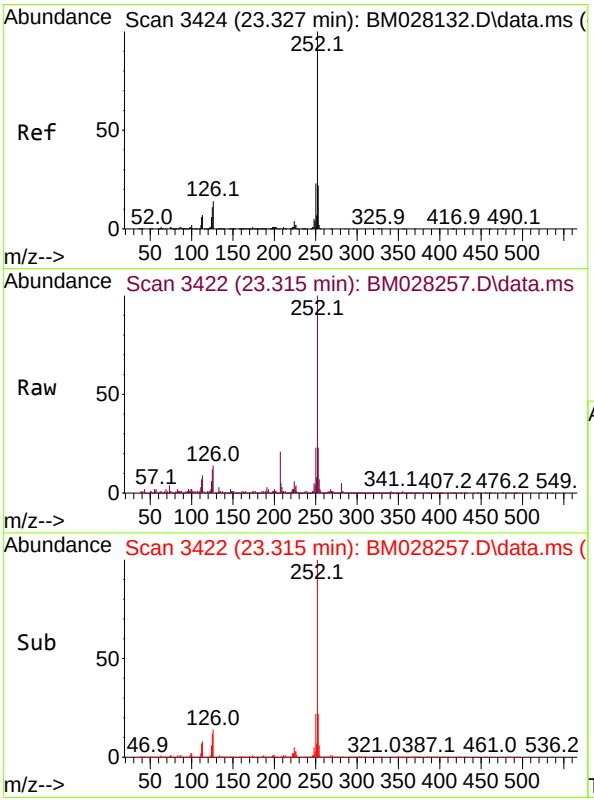


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.027 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:264 Resp: 481039

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	22.6	17.7	26.5

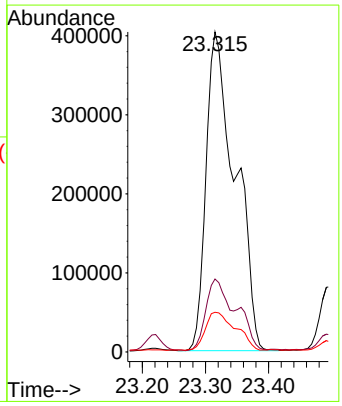




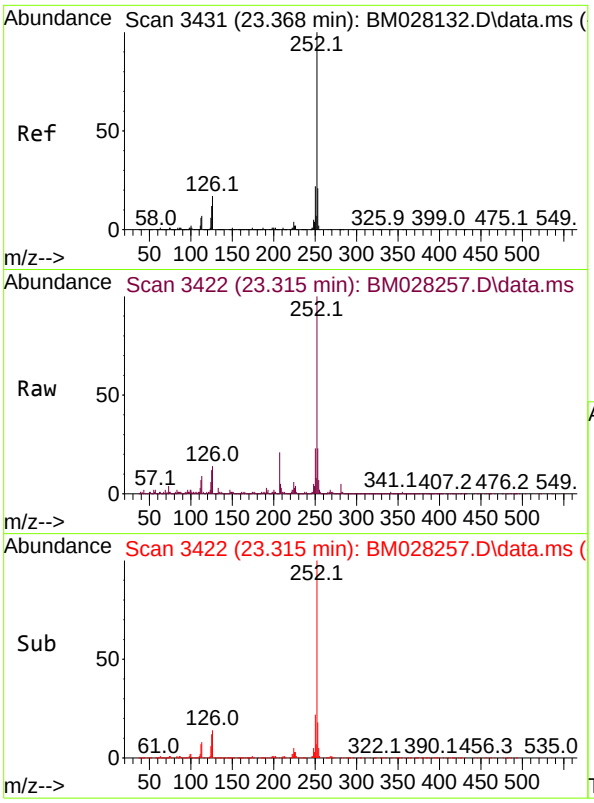
#88
Benzo(b)fluoranthene
Concen: 39.44 ng
RT: 23.315 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:252 Resp: 1292455

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.4	5.7	8.5#



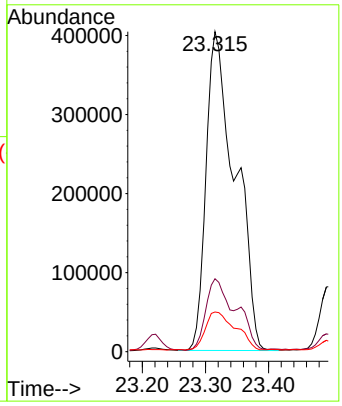
Instrument :
BNA_M
ClientSampleId :

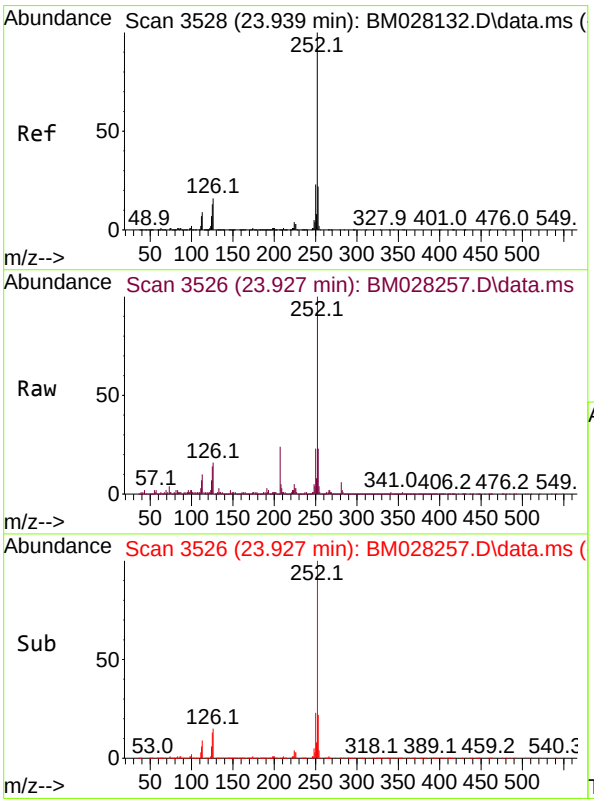


#89
Benzo(k)fluoranthene
Concen: 40.59 ng
RT: 23.315 min Scan# 3422
Delta R.T. -0.041 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:252 Resp: 1292817

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.4	5.6	8.4#

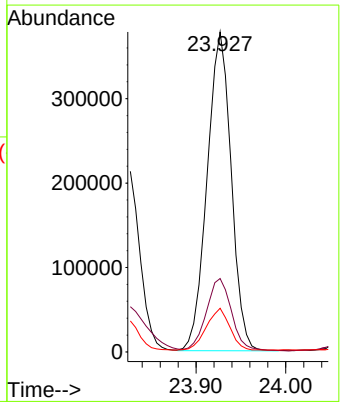




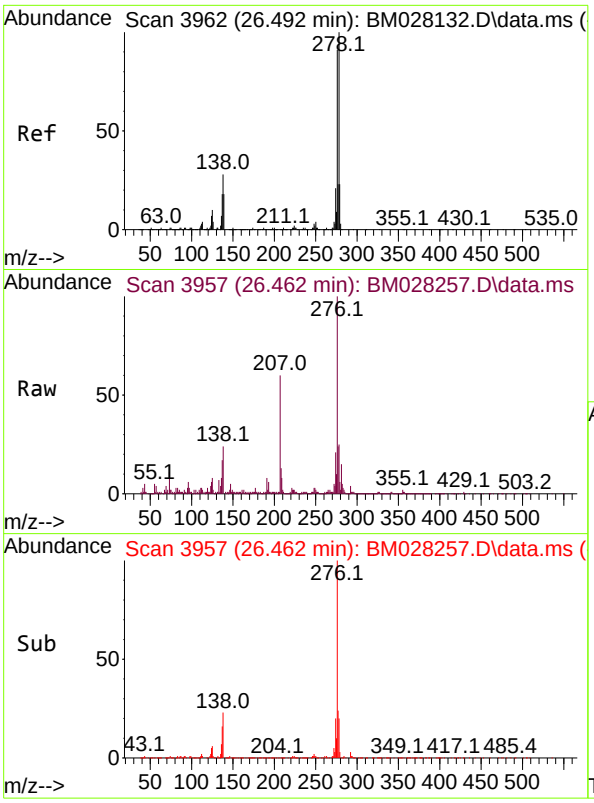
#90
Benzo(a)pyrene
Concen: 23.93 ng
RT: 23.927 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:252 Resp: 703785

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	13.7	6.6	9.8#



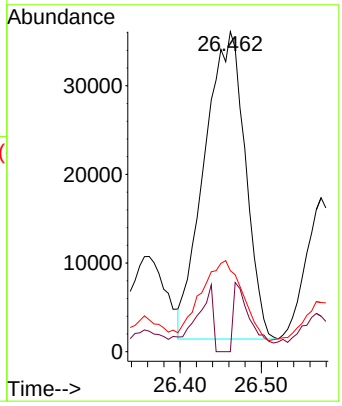
Instrument :
BNA_M
ClientSampleId :

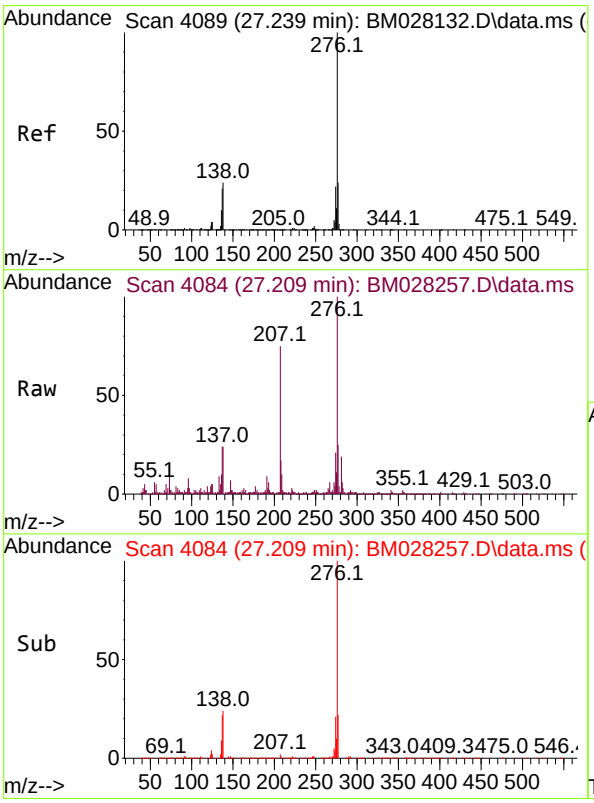


#91
Dibenzo(a,h)anthracene
Concen: 4.55 ng
RT: 26.462 min Scan# 3957
Delta R.T. 0.000 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:278 Resp: 121343

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.6#
279	25.3	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 15.13 ng
RT: 27.209 min Scan# 4084
Delta R.T. 0.006 min
Lab File: BM028257.D
Acq: 23 Dec 2020 18:31

Tgt Ion:276 Resp: 385770

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	24.4	12.2	18.2#