Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029518.D
Acq On : 16 Apr 2021 12:51
Operator : CG/JU
Sample : M2025-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 105-GW-1

Quant Time: Apr 16 13:53:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	77137	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	305227	20.00	ng	#	0.00
39) Acenaphthene-d10	14.310	164	182630	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	350177	20.00	ng		0.00
76) Chrysene-d12	21.233	240	349321	20.00	ng		0.00
86) Perylene-d12	23.439	264	361785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	202988	43.45	ng		0.00
7) Phenol-d6	6.852	99	166478	25.24	ng		0.00
23) Nitrobenzene-d5	8.828	82	566648	85.11	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	183993	100.80	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	995845	75.97	ng		0.00
79) Terphenyl-d14	19.686	244	1360755	73.99	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.828	77	14052	3.39	ng	#	1
10) Phenol	6.875	94	27872	4.30	ng		93
18) Hexachloroethane	8.775	117	66332	29.63	ng	#	1
22) Acetophenone	8.475	105	21269	2.69	ng	#	63
24) Nitrobenzene	8.857	77	17655	2.58	ng	#	9
31) Naphthalene	10.504	128	901028	56.01	ng		100
37) 2-Methylnaphthalene	12.122	142	659201	58.14	ng		98
38) 1-Methylnaphthalene	12.345	142	483885	45.12	ng		98
50) Dimethylphthalate	13.775	163	131797	9.99	ng	#	95
52) Acenaphthene	14.375	154	34025	3.23	ng		98
55) Dibenzofuran	14.710	168	35950	2.17	ng	#	67
56) 4-Nitrophenol	14.528	139	7870	3.08	ng	#	26
58) Fluorene	15.363	166	60826	4.48	ng	#	94
63) Azobenzene	15.869	77	622470	40.16	ng	#	1
71) Phenanthrene	17.098	178	104777	5.17	ng		99
72) Anthracene	17.098	178	104777	5.24	ng		98

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

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Misc :
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Instrument :
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ClientSampleId :
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Quant Time: Apr 16 13:53:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
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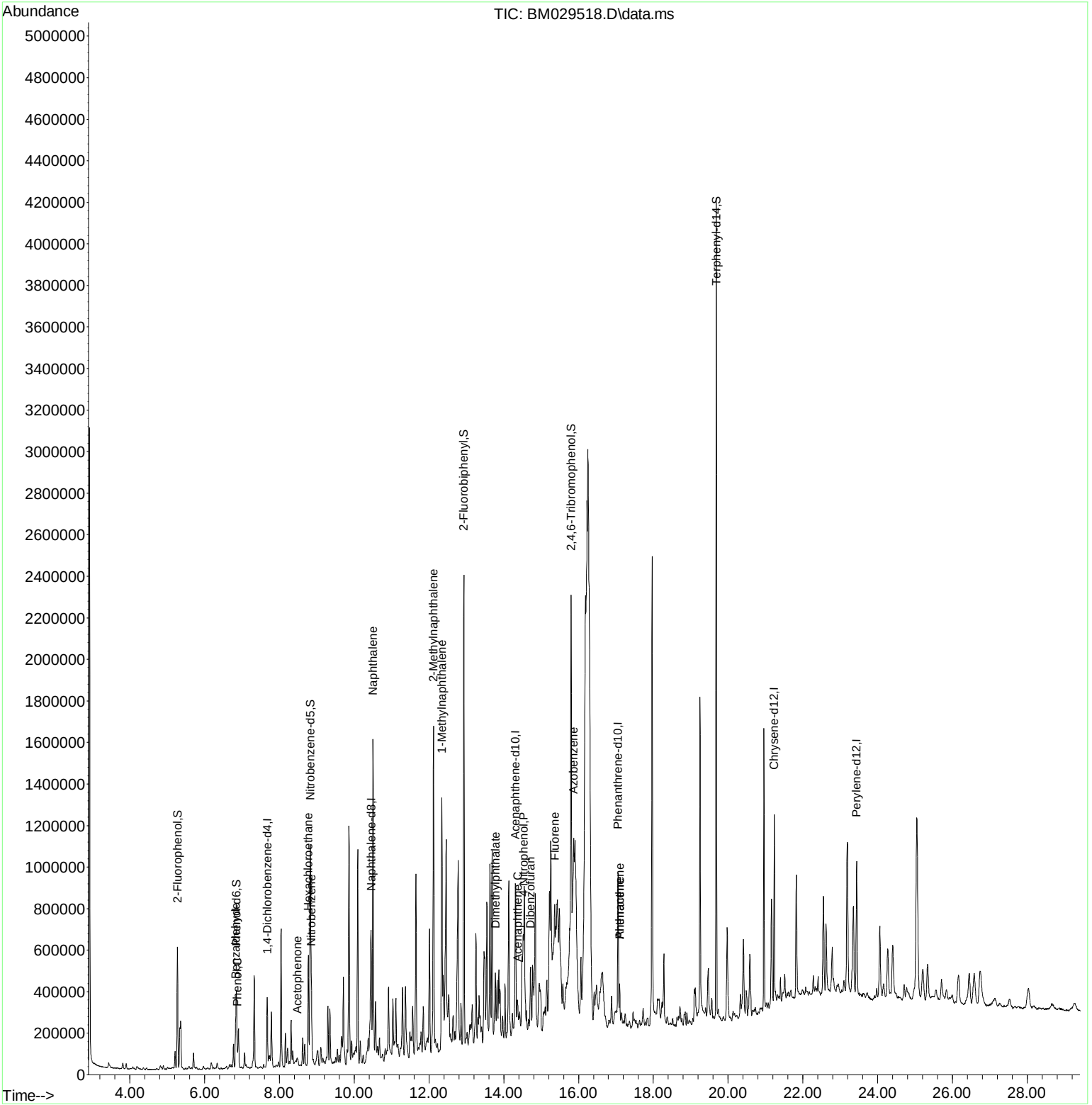
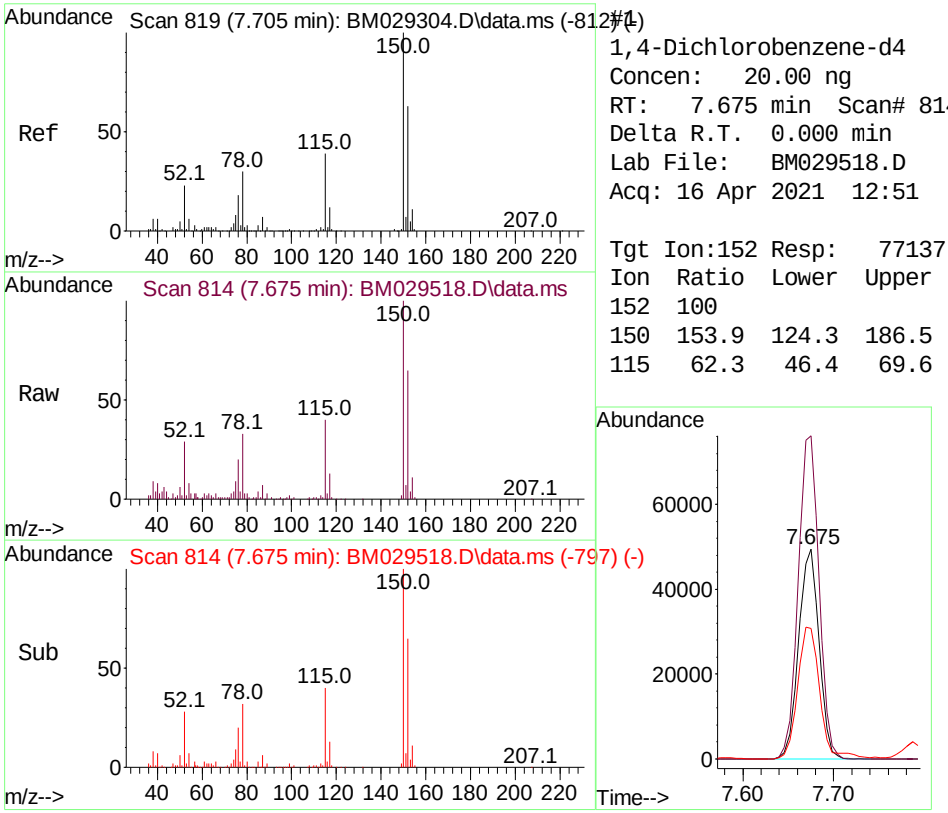


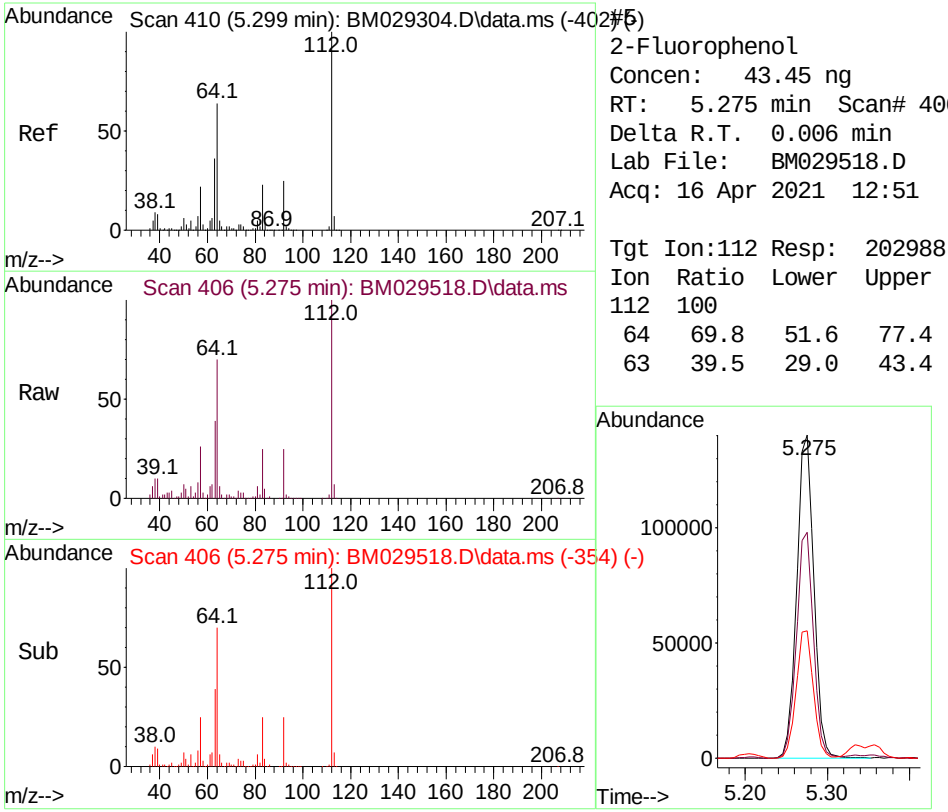
Instrument :
BNA_M
ClientSampleId :
105-GW-1



1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:152 Resp: 77137

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.3	186.5
115	62.3	46.4	69.6

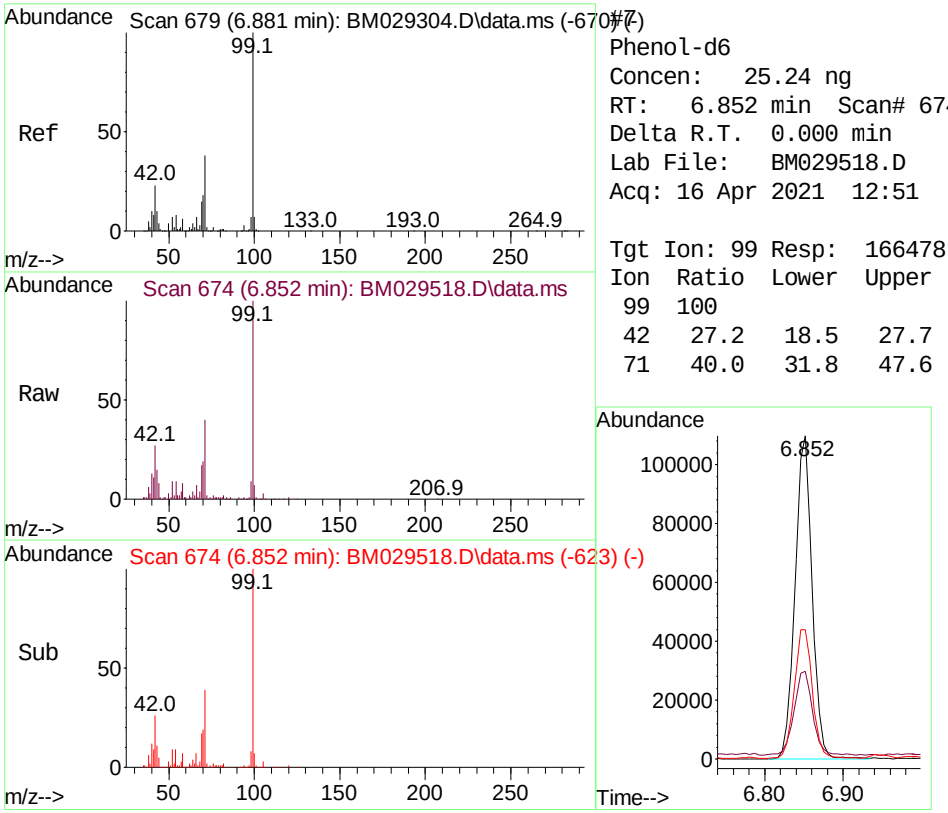


2-Fluorophenol
Concen: 43.45 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:112 Resp: 202988

Ion	Ratio	Lower	Upper
112	100		
64	69.8	51.6	77.4
63	39.5	29.0	43.4

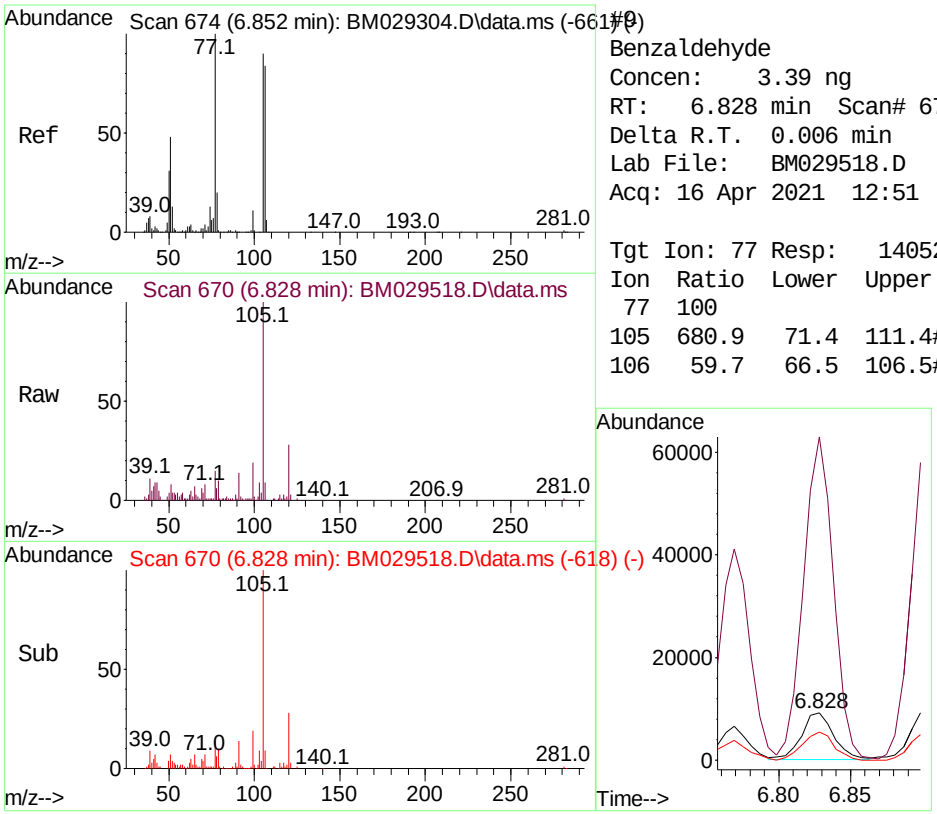
Instrument :
BNA_M
ClientSampleId :
105-GW-1



#7
Phenol-d6
Concen: 25.24 ng
RT: 6.852 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 99 Resp: 166478

Ion	Ratio	Lower	Upper
99	100		
42	27.2	18.5	27.7
71	40.0	31.8	47.6

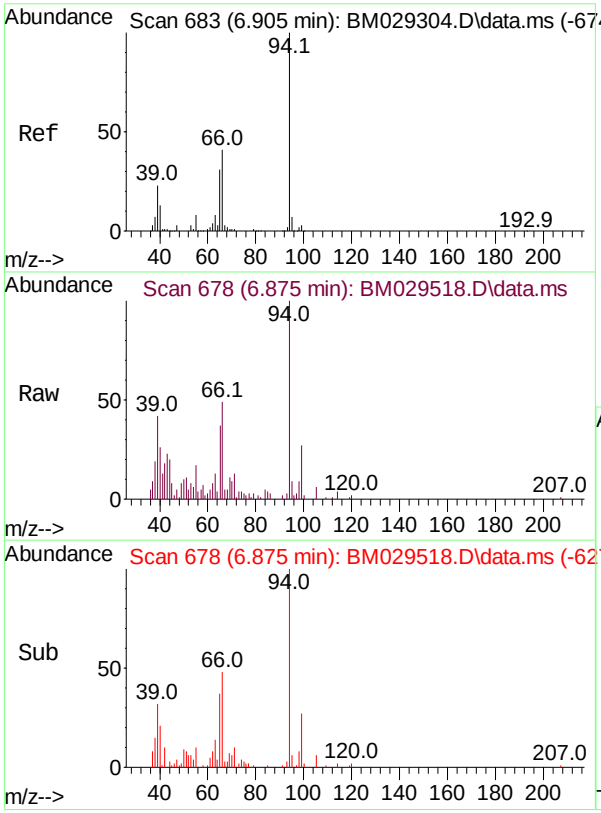


#9
Benzaldehyde
Concen: 3.39 ng
RT: 6.828 min Scan# 670
Delta R.T. 0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 77 Resp: 14052

Ion	Ratio	Lower	Upper
77	100		
105	680.9	71.4	111.4#
106	59.7	66.5	106.5#

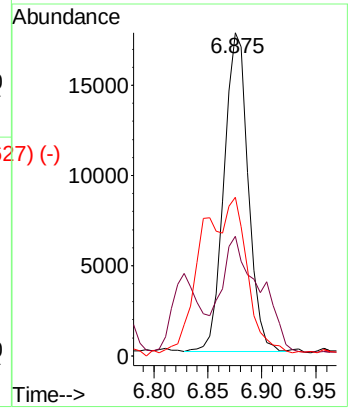
Instrument :
BNA_M
ClientSampleId :
105-GW-1

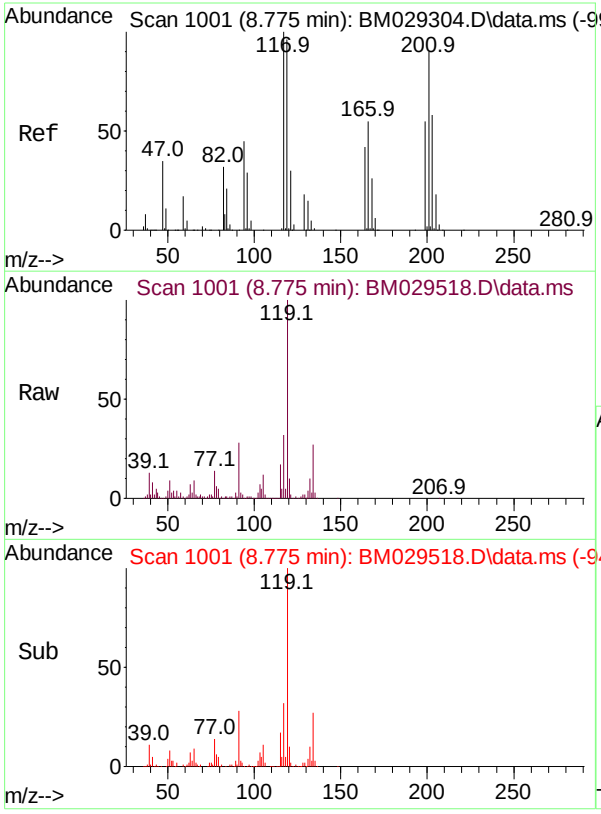


#10
Phenol
Concen: 4.30 ng
RT: 6.875 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 94 Resp: 27872

Ion	Ratio	Lower	Upper
94	100		
65	37.0	13.0	53.0
66	49.0	24.1	64.1

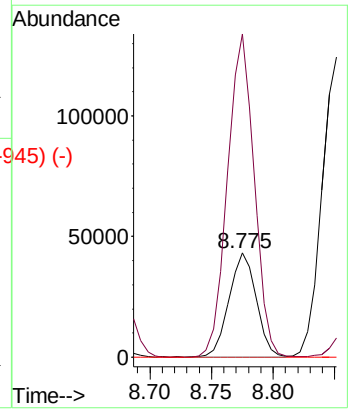




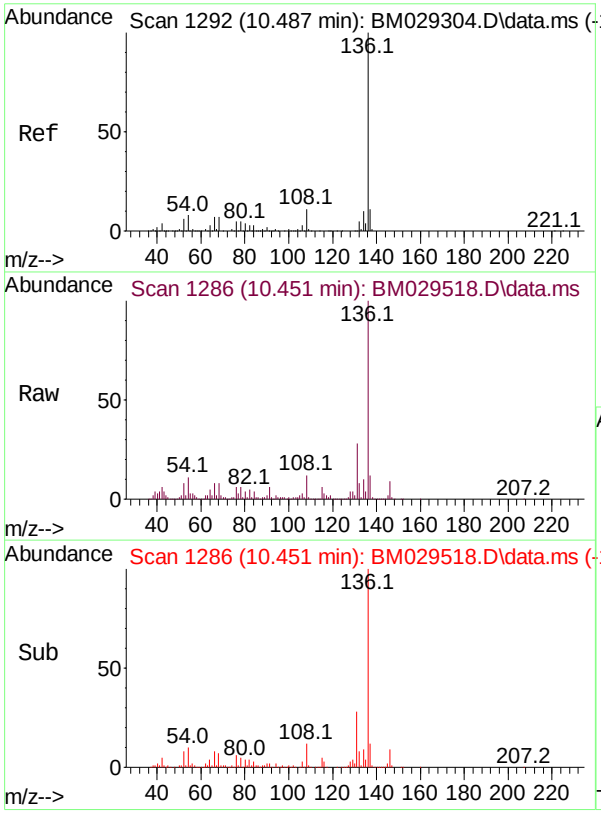
#18
Hexachloroethane
Concen: 29.63 ng
RT: 8.775 min Scan# 1001
Delta R.T. 0.030 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:117 Resp: 66332

Ion	Ratio	Lower	Upper
117	100		
119	309.9	75.0	112.6#
201	0.0	74.6	111.8#



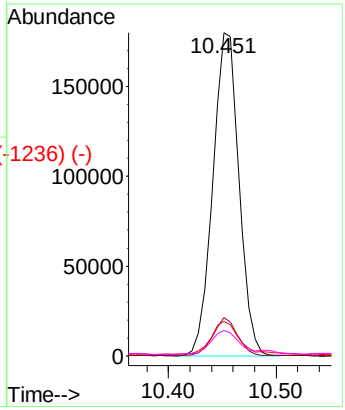
Instrument :
BNA_M
ClientSampleId :
105-GW-1

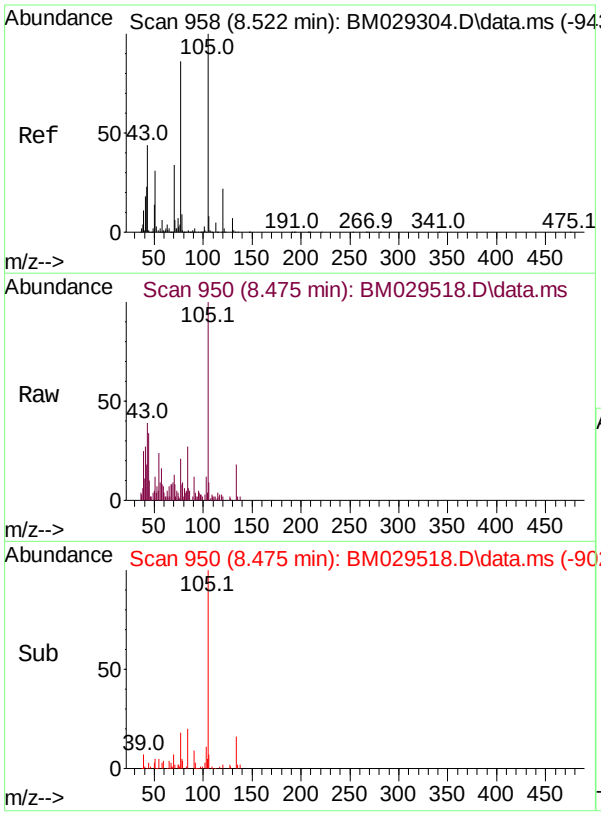


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:136 Resp: 305227

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.6	6.9	10.3#
68	7.8	5.4	8.0

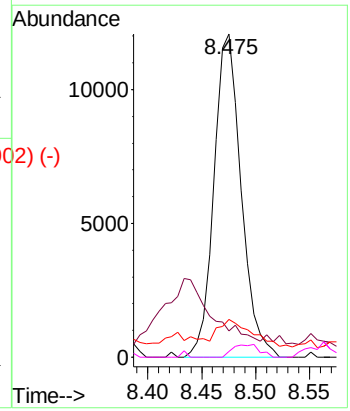




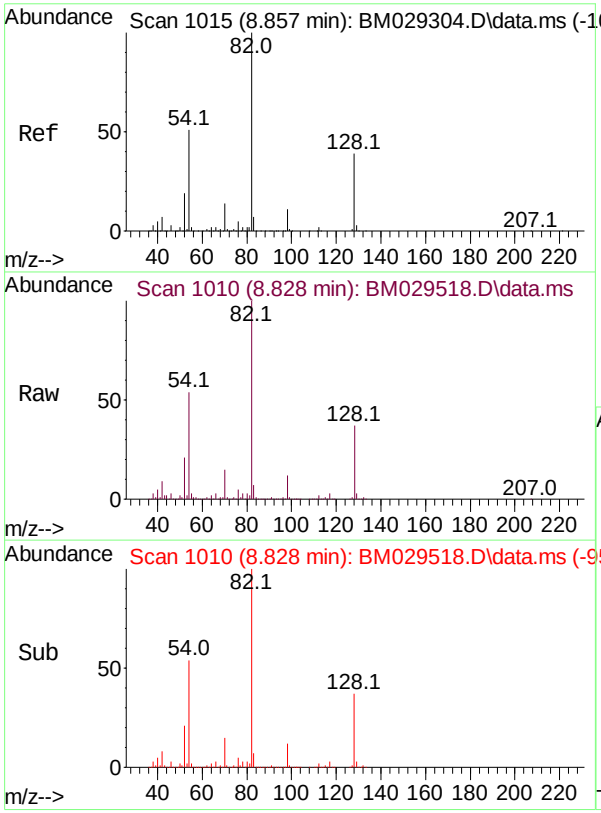
#22
Acetophenone
Concen: 2.69 ng
RT: 8.475 min Scan# 950
Delta R.T. -0.017 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:105 Resp: 21269

Ion	Ratio	Lower	Upper
105	100		
71	8.2	2.8	4.2#
51	11.7	24.7	37.1#
120	1.7	17.4	26.2#



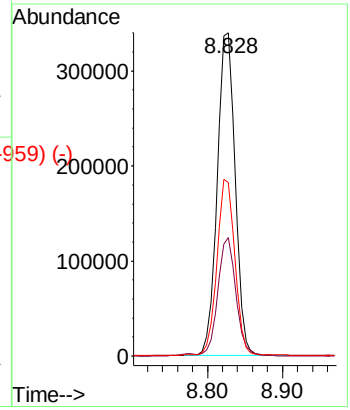
Instrument :
BNA_M
ClientSampleId :
105-GW-1

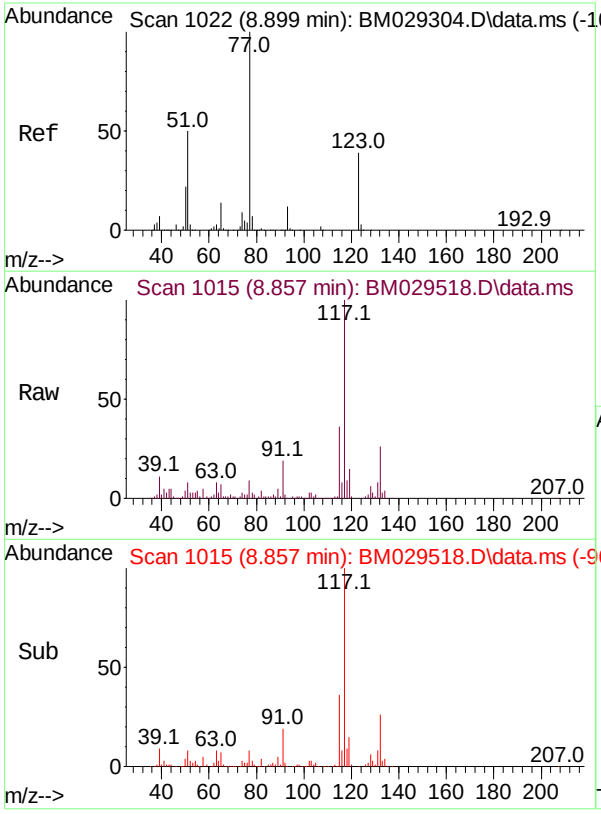


#23
Nitrobenzene-d5
Concen: 85.11 ng
RT: 8.828 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 82 Resp: 566648

Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.6	42.8
54	53.7	40.7	61.1

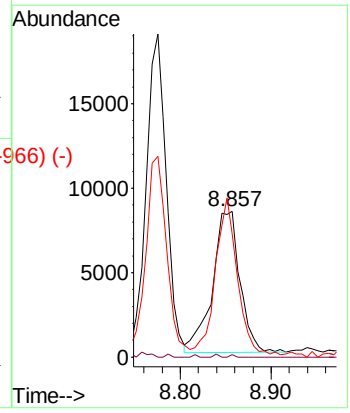




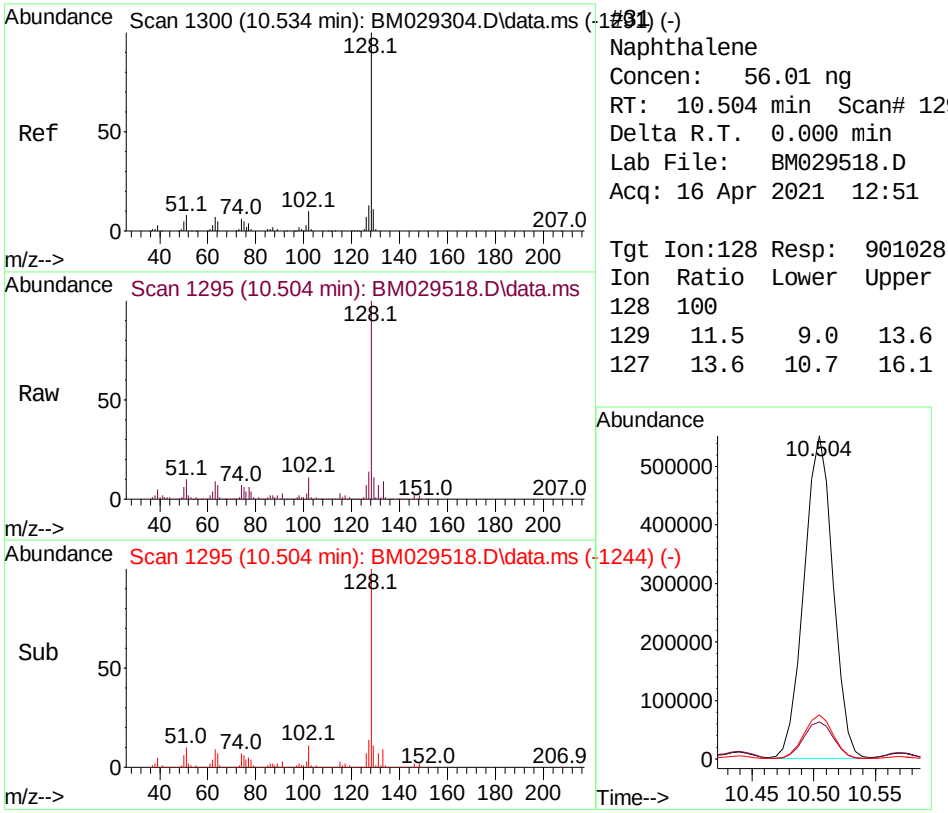
#24
Nitrobenzene
Concen: 2.58 ng
RT: 8.857 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 77 Resp: 17655

Ion	Ratio	Lower	Upper
77	100		
123	1.8	31.3	46.9#
65	84.3	10.8	16.2#



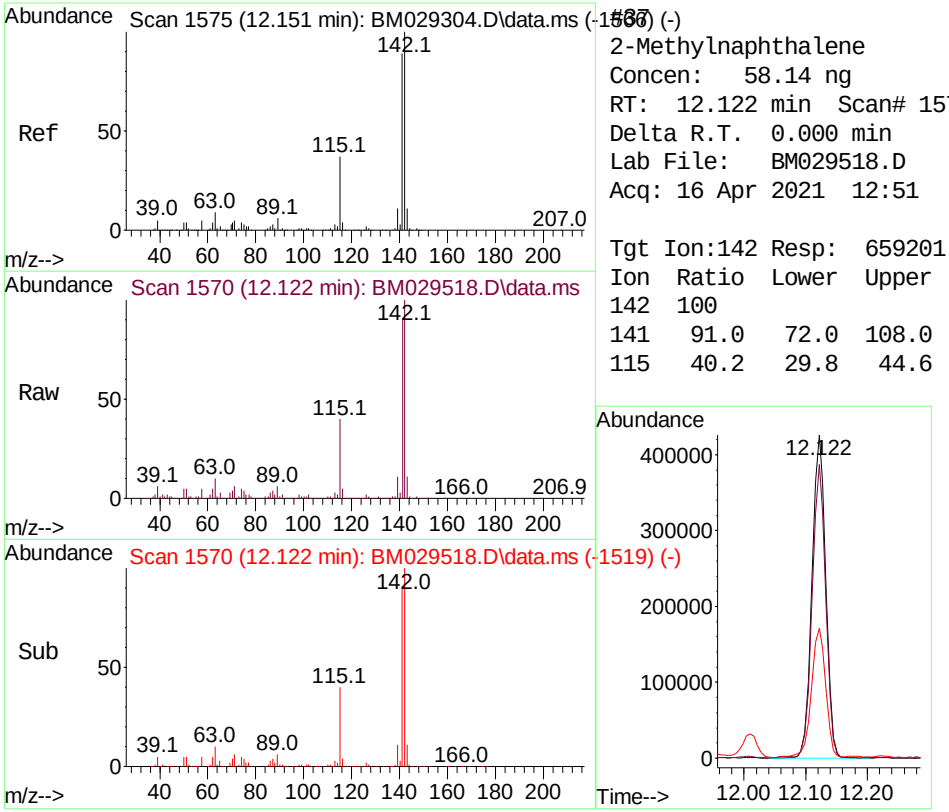
Instrument :
BNA_M
ClientSampleId :
105-GW-1



#31
Naphthalene
Concen: 56.01 ng
RT: 10.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:128 Resp: 901028

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.6	10.7	16.1

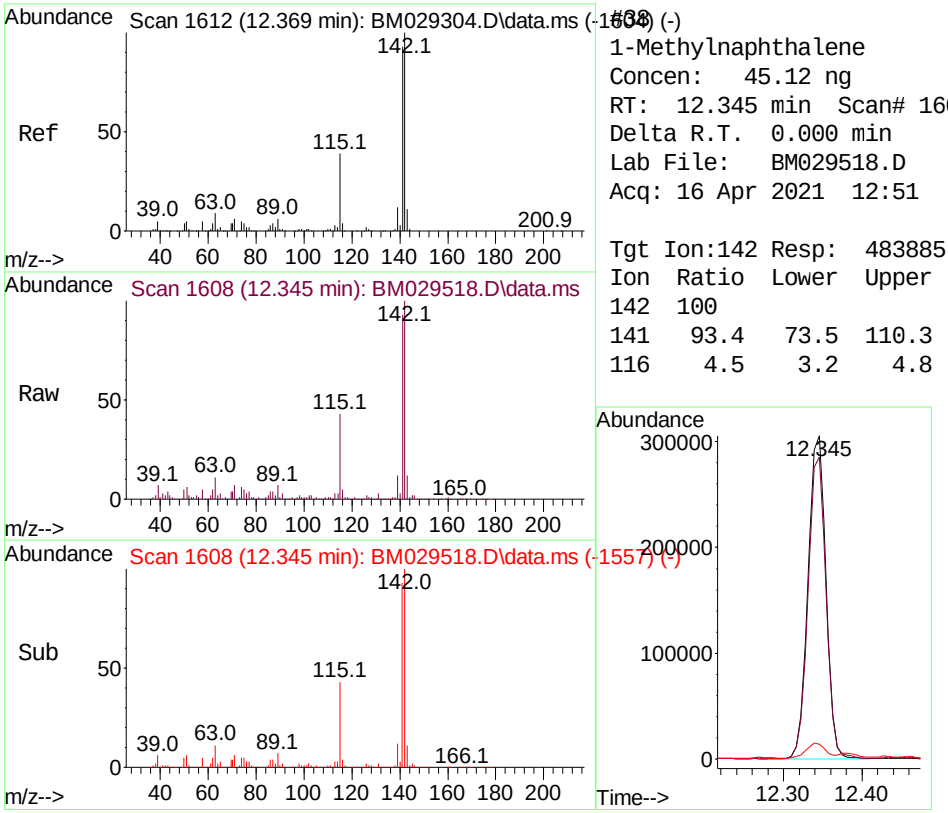


#37
2-Methylnaphthalene
Concen: 58.14 ng
RT: 12.122 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:142 Resp: 659201

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.0	108.0
115	40.2	29.8	44.6

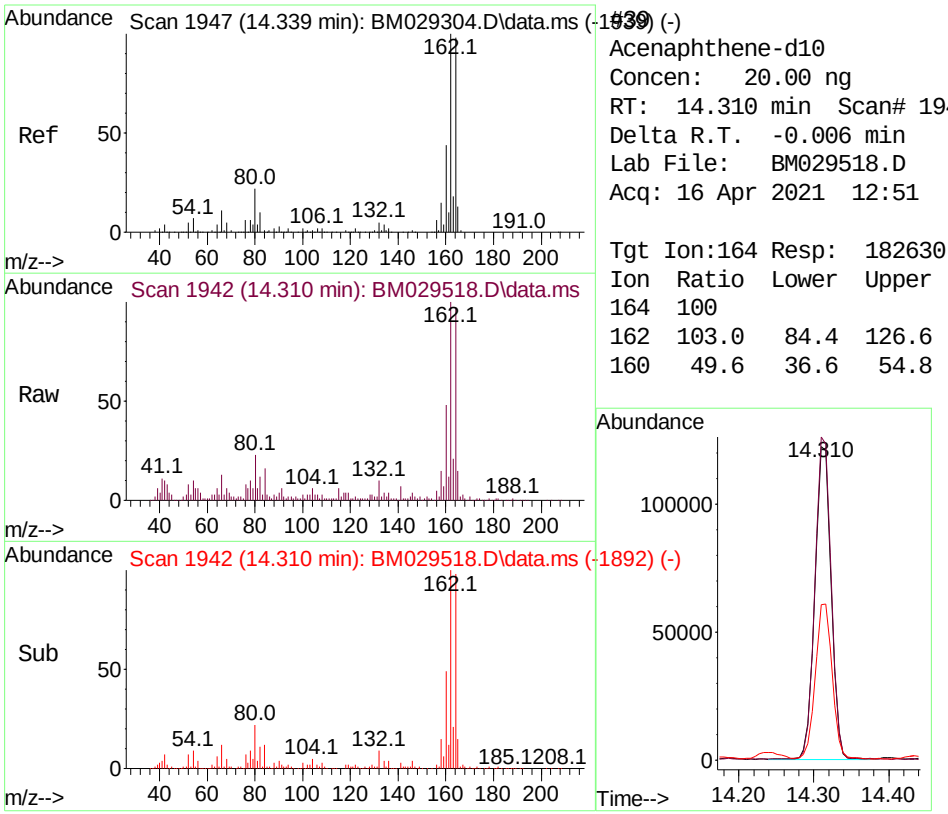
Instrument :
BNA_M
ClientSampleId :
105-GW-1



#38
1-Methylnaphthalene
Concen: 45.12 ng
RT: 12.345 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:142 Resp: 483885

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.5	110.3
116	4.5	3.2	4.8

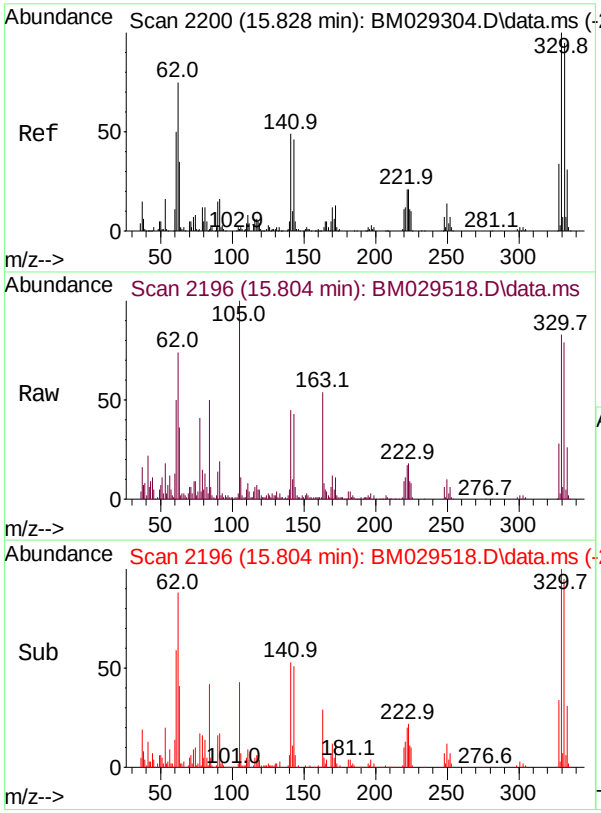


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:164 Resp: 182630

Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.4	126.6
160	49.6	36.6	54.8

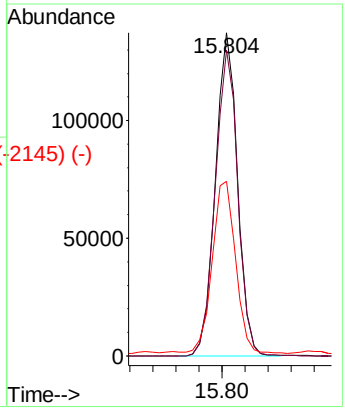
Instrument :
BNA_M
ClientSampleId :
105-GW-1

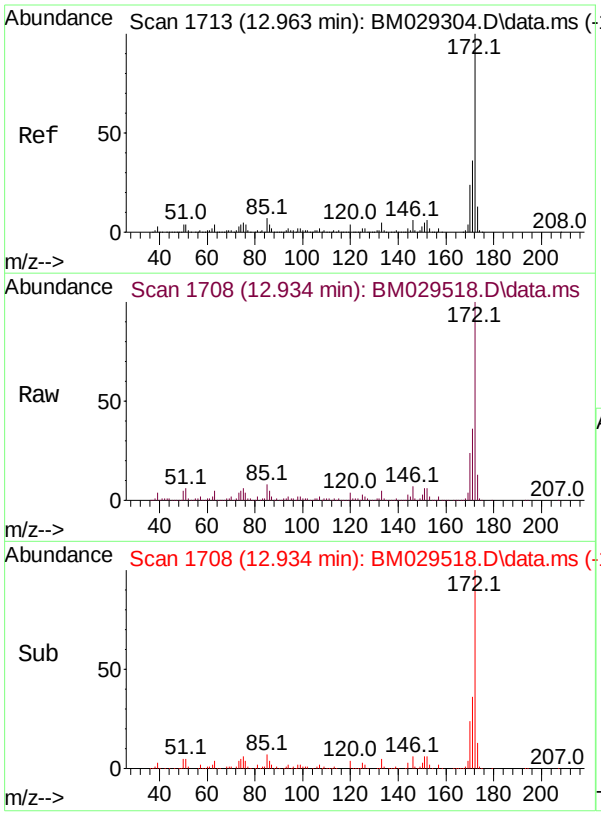


#42
2,4,6-Tribromophenol
Concen: 100.80 ng
RT: 15.804 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:330 Resp: 183993

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	56.2	39.2	58.8

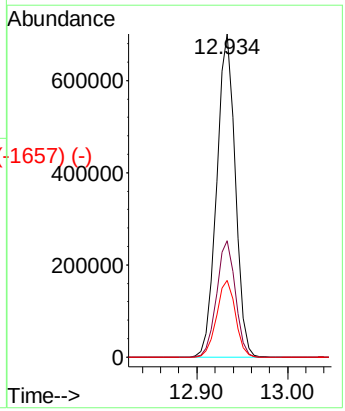




#45
2-Fluorobiphenyl
Concen: 75.97 ng
RT: 12.934 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:172 Resp: 995845

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.7	18.8	28.2



Instrument :
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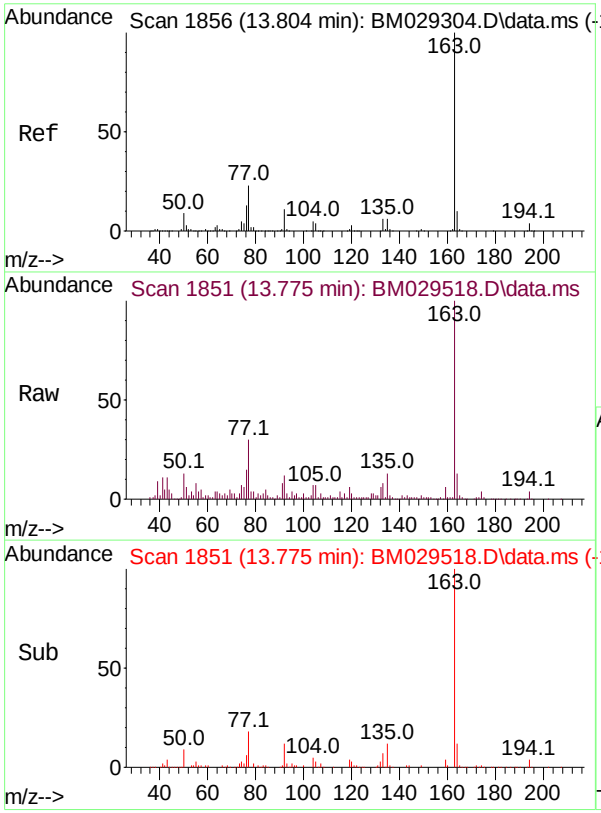
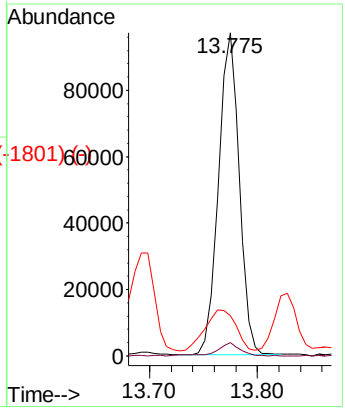
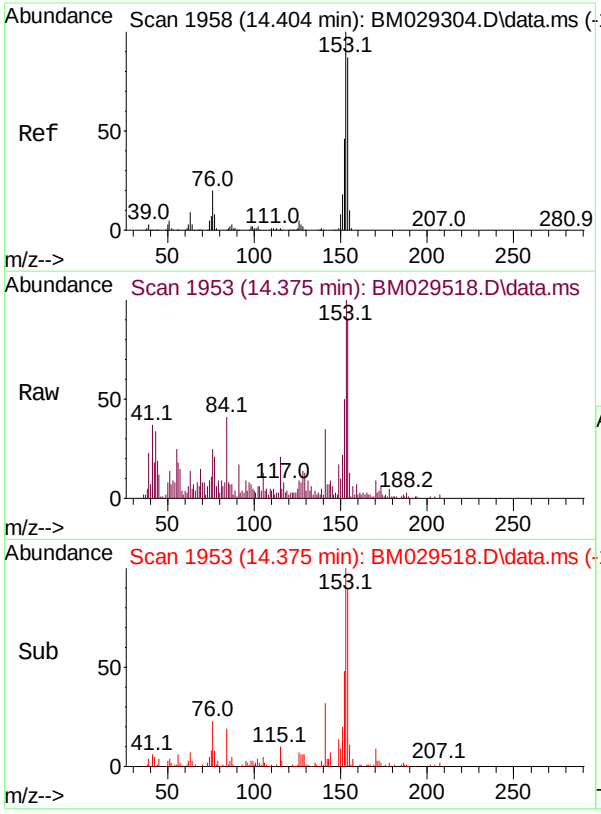


#50
Dimethylphthalate
Concen: 9.99 ng
RT: 13.775 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:163 Resp: 131797

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	12.6	7.9	11.9#

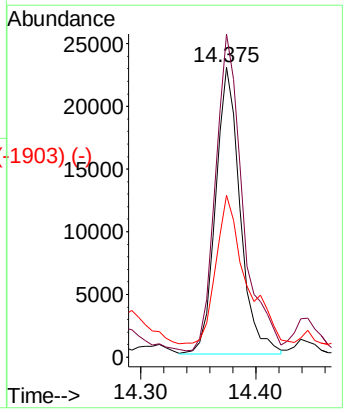




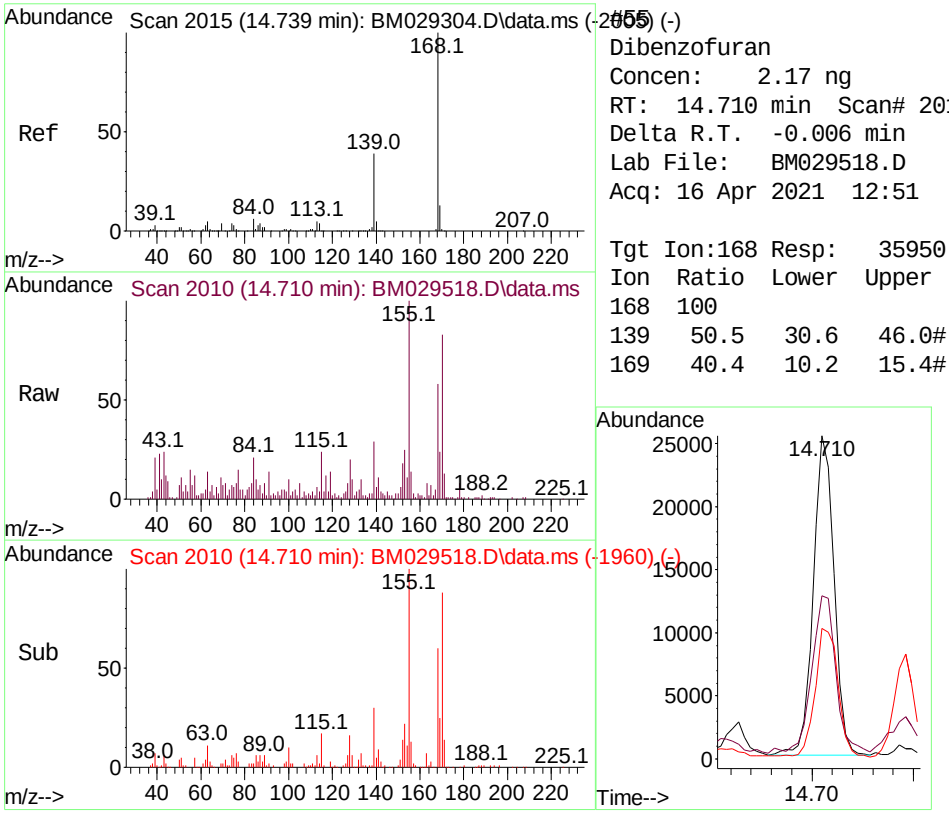
#52
Acenaphthene
Concen: 3.23 ng
RT: 14.375 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:154 Resp: 34025

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	55.7	43.4	65.2



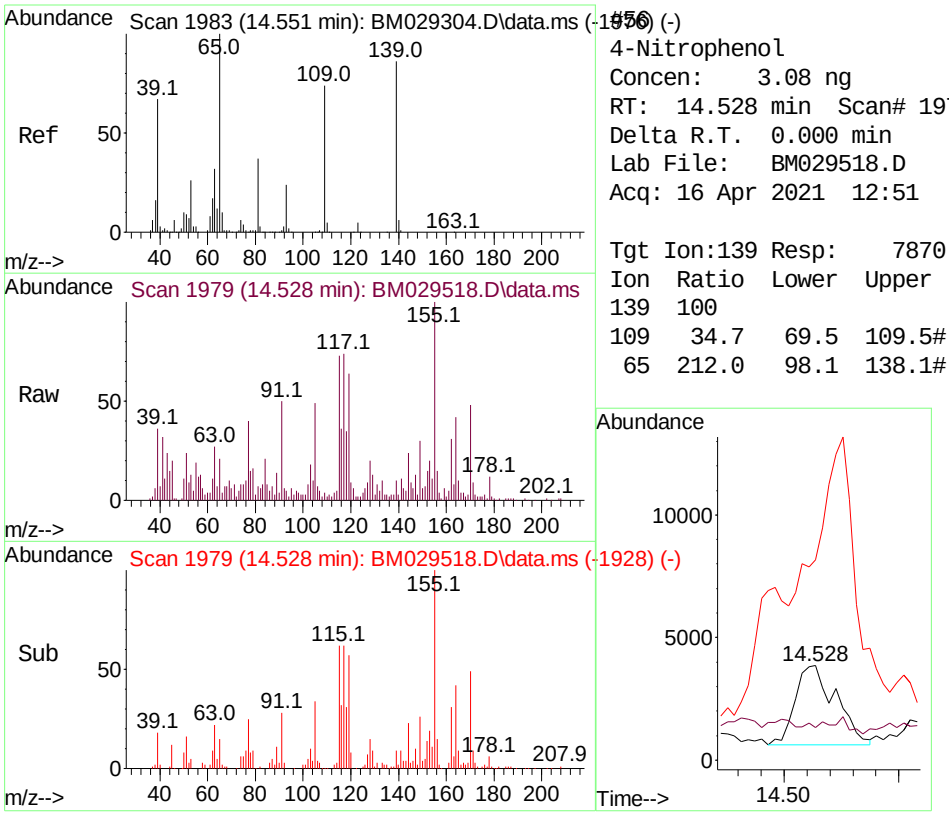
Instrument :
BNA_M
ClientSampleId :
105-GW-1



#55
Dibenzofuran
Concen: 2.17 ng
RT: 14.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:168 Resp: 35950

Ion	Ratio	Lower	Upper
168	100		
139	50.5	30.6	46.0#
169	40.4	10.2	15.4#

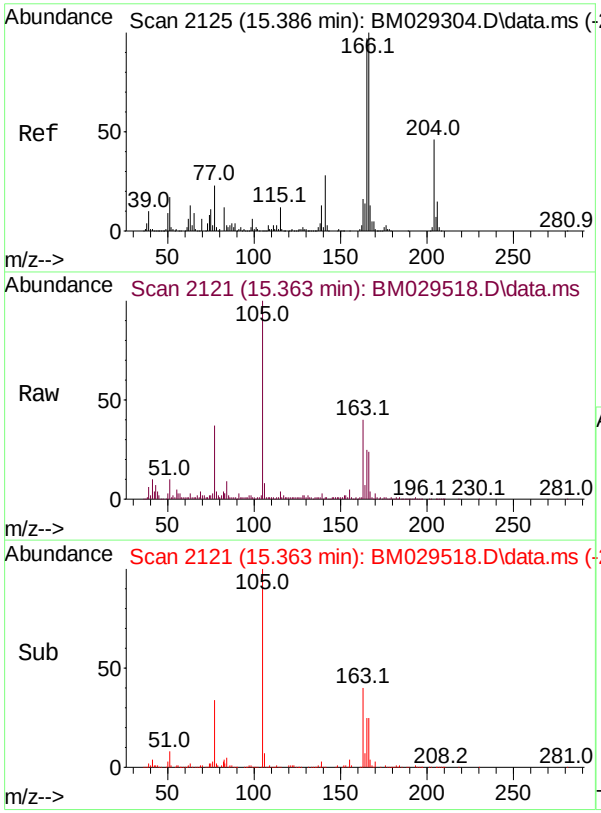


#56
4-Nitrophenol
Concen: 3.08 ng
RT: 14.528 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:139 Resp: 7870

Ion	Ratio	Lower	Upper
139	100		
109	34.7	69.5	109.5#
65	212.0	98.1	138.1#

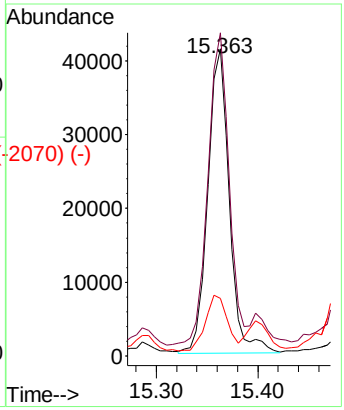
Instrument :
BNA_M
ClientSampleId :
105-GW-1

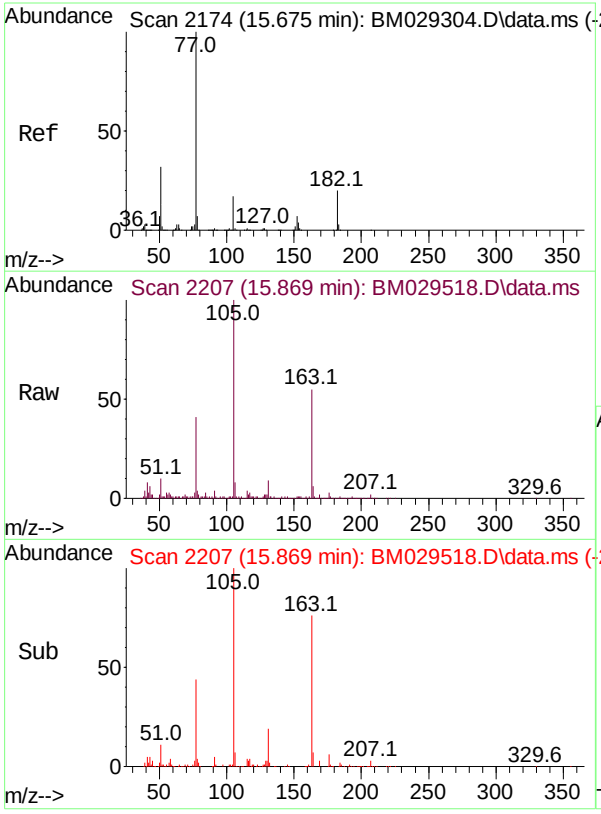


#52
Fluorene
Concen: 4.48 ng
RT: 15.363 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:166 Resp: 60826

Ion	Ratio	Lower	Upper
166	100		
165	105.1	79.6	119.4
167	18.7	11.0	16.6#

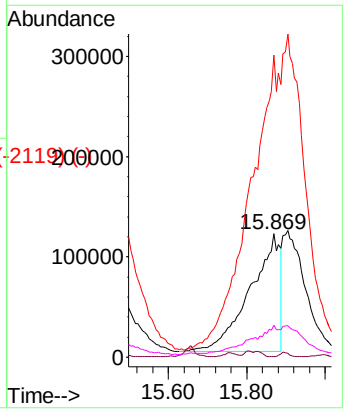




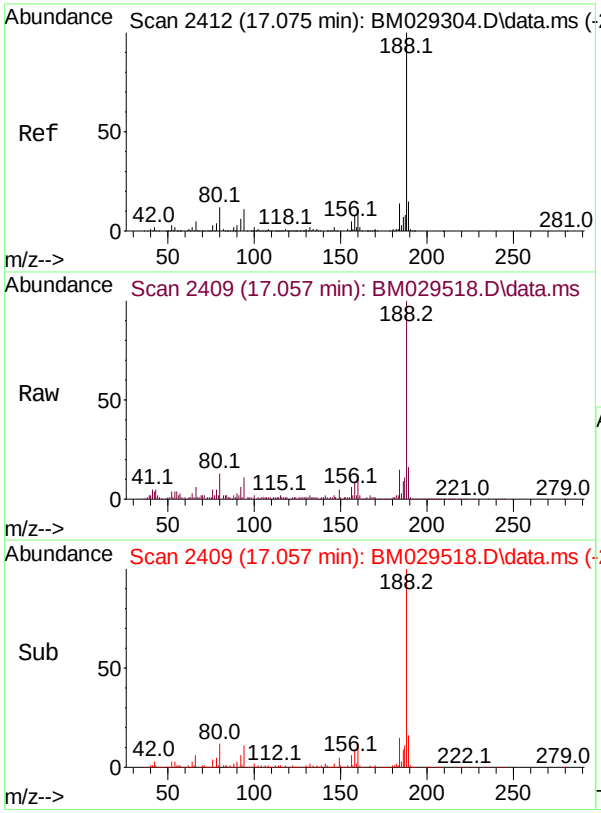
#63
Azobenzene
Concen: 40.16 ng
RT: 15.869 min Scan# 2207
Delta R.T. 0.218 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 77 Resp: 622470

Ion	Ratio	Lower	Upper
77	100		
182	0.6	2.3	42.3#
105	244.7	0.0	36.4#
51	25.6	12.9	52.9



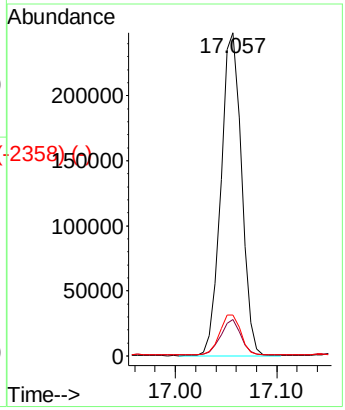
Instrument :
BNA_M
ClientSampleId :
105-GW-1

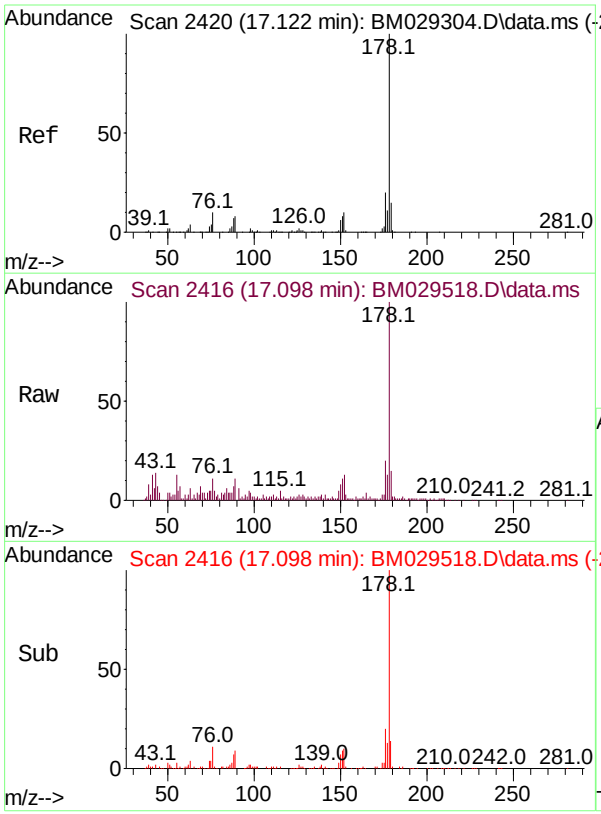


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:188 Resp: 350177

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.1	12.1
80	12.6	9.2	13.8

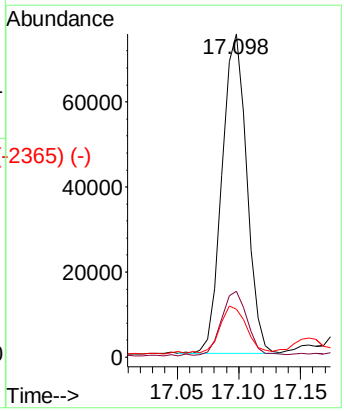




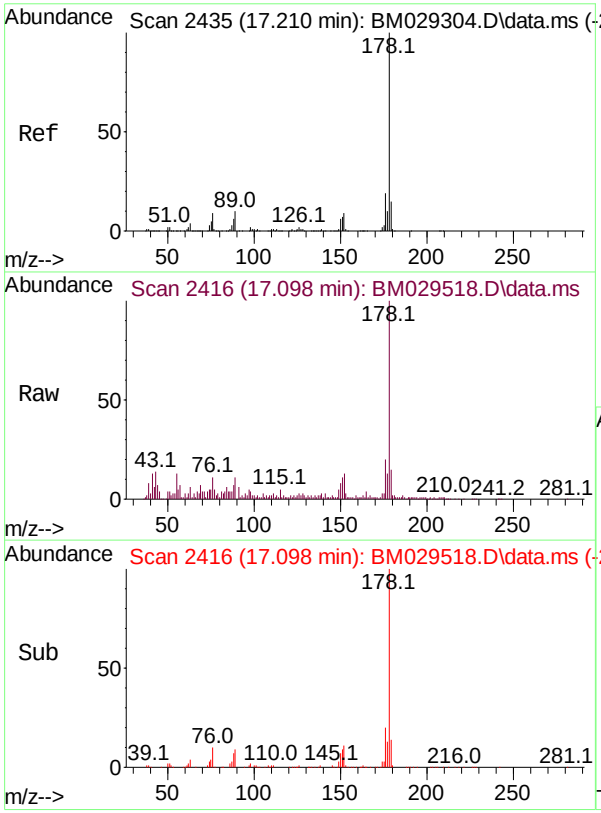
#71
Phenanthrene
Concen: 5.17 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:178 Resp: 104777

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	14.9	11.9	17.9



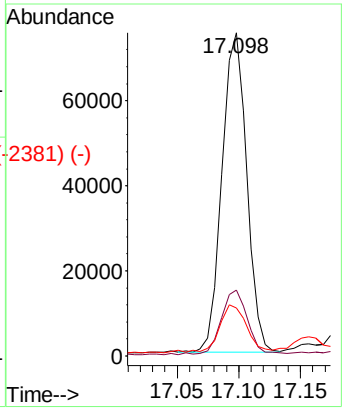
Instrument :
BNA_M
ClientSampleId :
105-GW-1

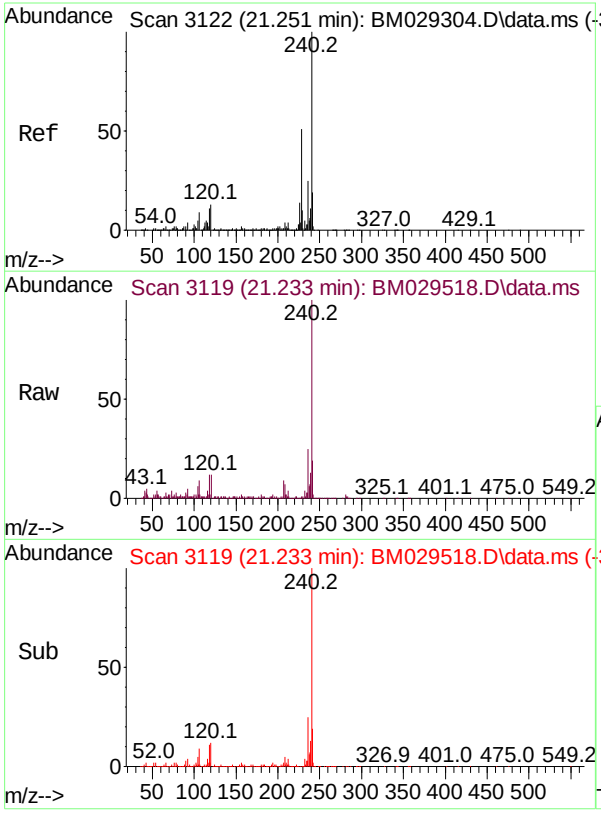


#72
Anthracene
Concen: 5.24 ng
RT: 17.098 min Scan# 2416
Delta R.T. -0.094 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:178 Resp: 104777

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.9	22.3
179	14.9	12.1	18.1

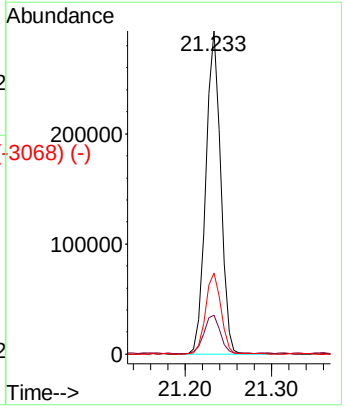




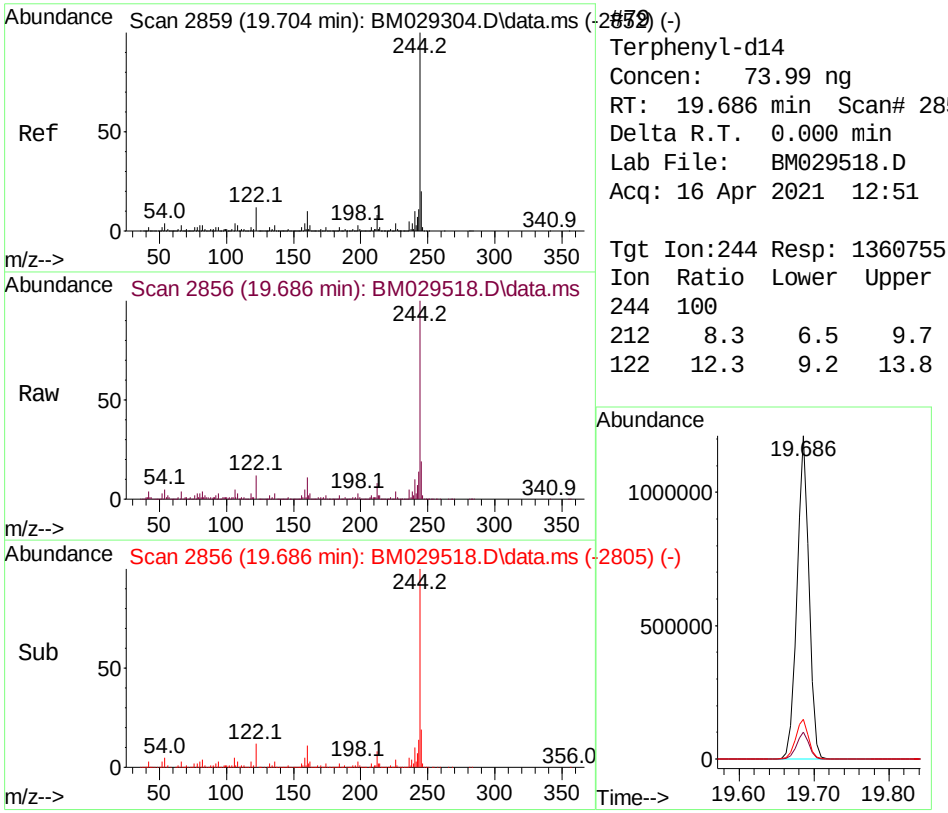
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:240 Resp: 349321

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.1	20.3	30.5



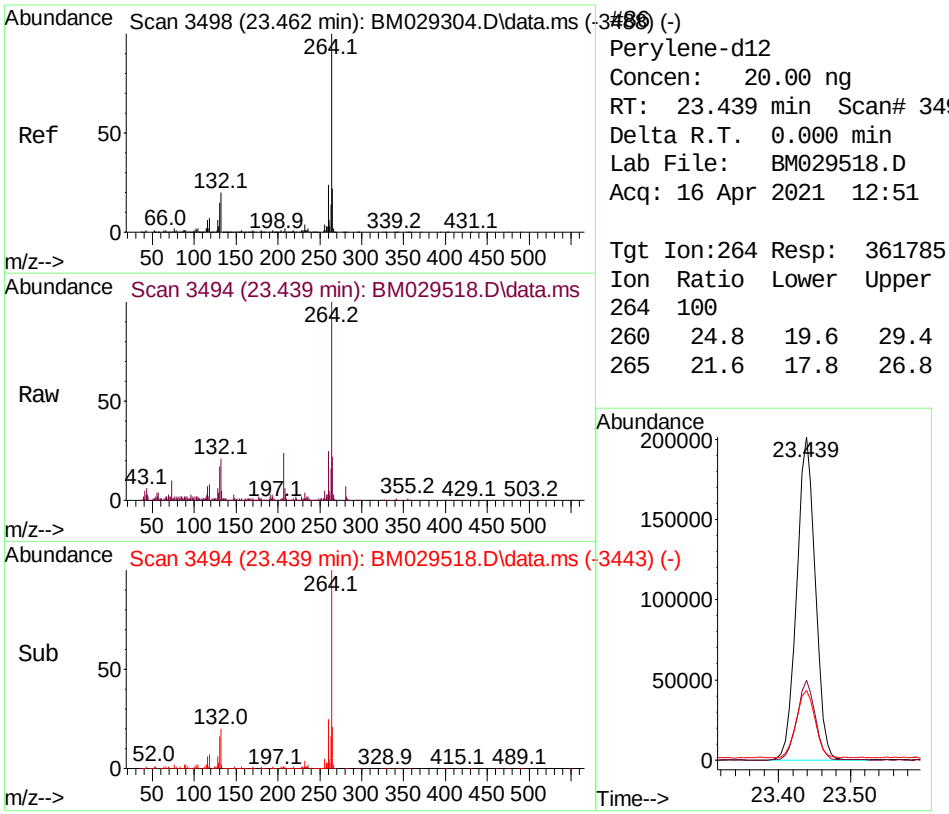
Instrument :
BNA_M
ClientSampleId :
105-GW-1



#79
Terphenyl-d14
Concen: 73.99 ng
RT: 19.686 min Scan# 2856
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:244 Resp: 1360755

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	12.3	9.2	13.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.439 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:264 Resp: 361785

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.6	17.8	26.8