Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029642.D
Acq On : 24 Apr 2021 17:55
Operator : CG/JU
Sample : M2132-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1-COMP

Quant Time: Apr 26 03:07:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	90011	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	310595	20.00	ng	-0.01
39) Acenaphthene-d10	14.268	164	199697	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	438515	20.00	ng	0.00
76) Chrysene-d12	21.197	240	485882	20.00	ng	0.00
86) Perylene-d12	23.385	264	520788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	490854	109.33	ng	0.00
7) Phenol-d6	6.804	99	601767	89.74	ng	0.00
23) Nitrobenzene-d5	8.781	82	413546	68.58	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	283413	102.62	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1051475	71.47	ng	-0.01
79) Terphenyl-d14	19.645	244	1590501	62.06	ng	-0.01
Target Compounds						Qvalue
48) 2-Nitroaniline	13.227	65	166	2.91	ng	# 4
50) Dimethylphthalate	13.733	163	31497	2.09	ng	98
71) Phenanthrene	17.056	178	149470	5.92	ng	100
75) Fluoranthene	19.074	202	256104	8.36	ng	99
78) Pyrene	19.439	202	236104	7.55	ng	98
81) Benzo(a)anthracene	21.180	228	136304	4.24	ng	96
83) Chrysene	21.180	228	136304	4.32	ng	97
88) Benzo(b)fluoranthene	22.733	252	183421	5.40	ng	# 88
89) Benzo(k)fluoranthene	22.733	252	183421	5.39	ng	# 87
90) Benzo(a)pyrene	23.285	252	113553	3.56	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029642.D
Acq On : 24 Apr 2021 17:55
Operator : CG/JU
Sample : M2132-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

Quant Time: Apr 26 03:07:18 2021
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QLast Update : Thu Apr 22 15:55:11 2021
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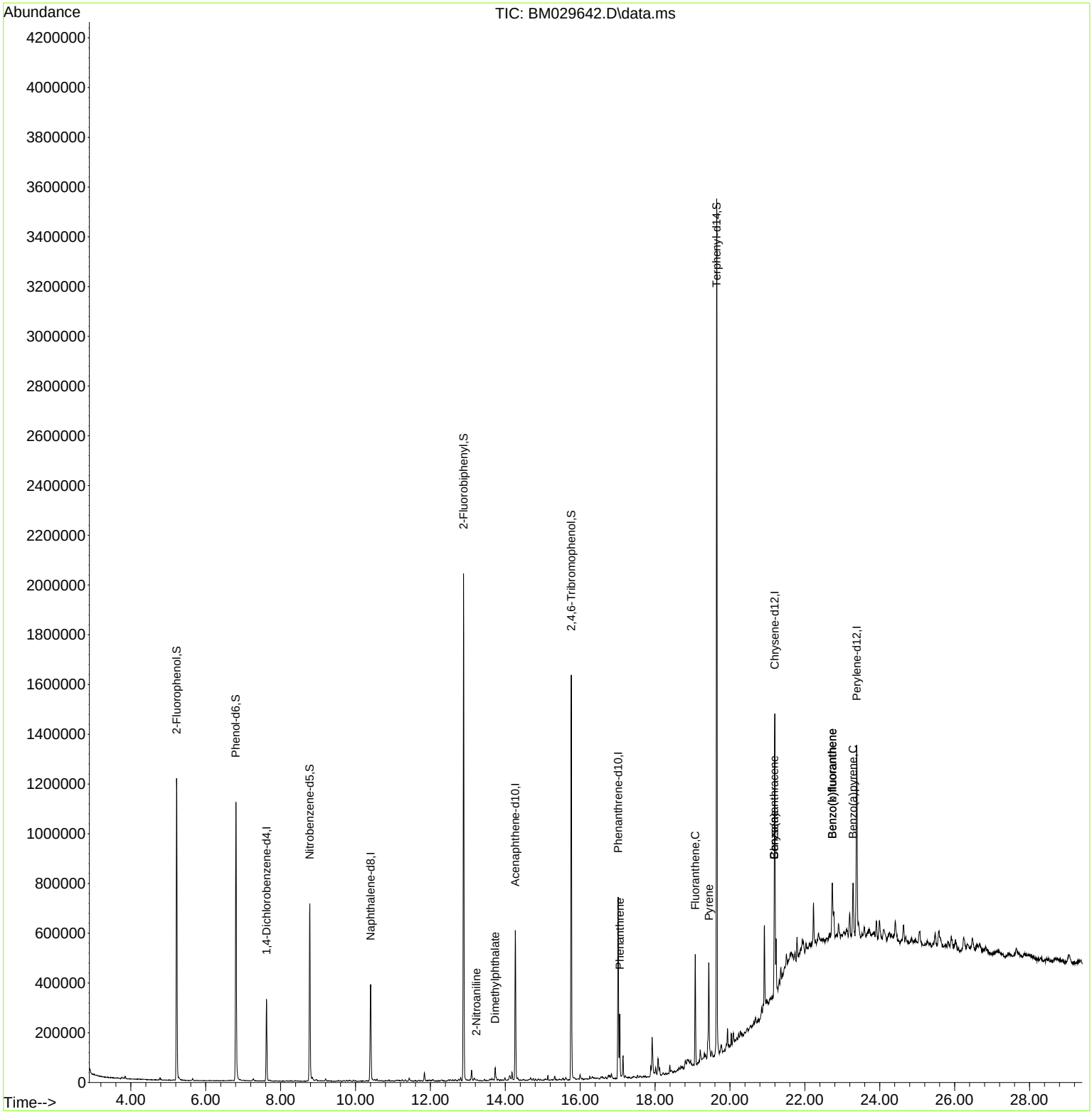
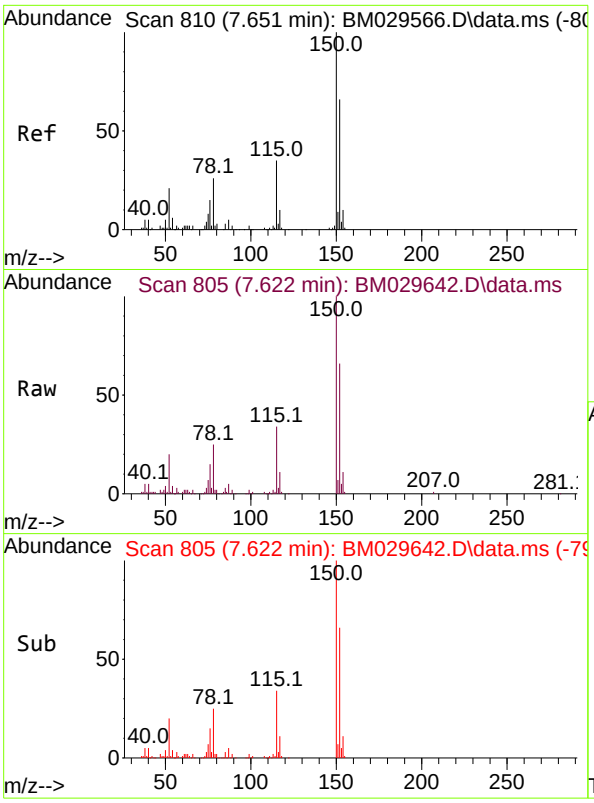


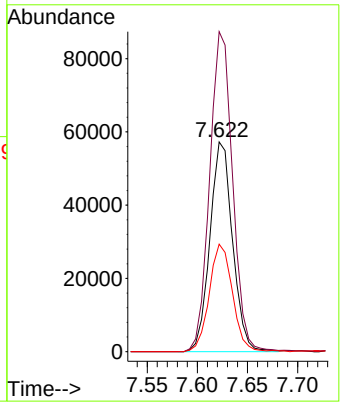
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

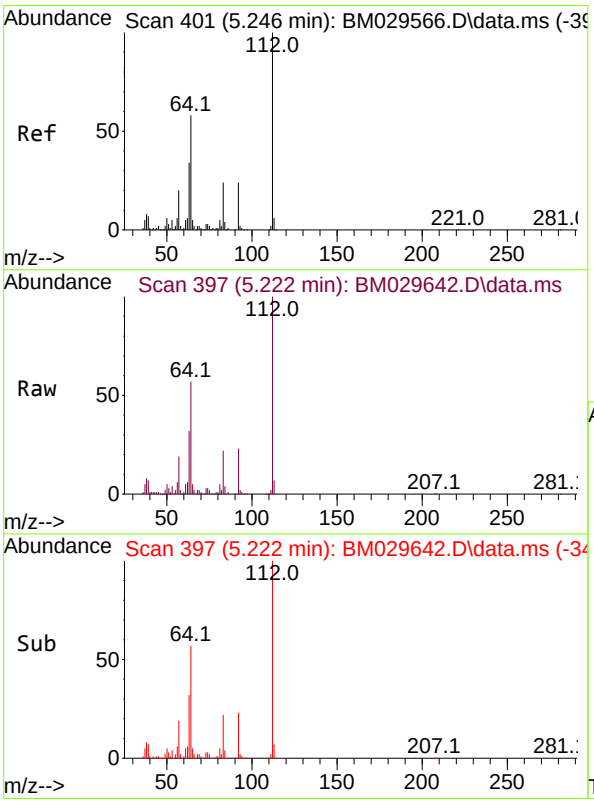


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:152 Resp: 90011

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.9	188.9
115	51.3	44.6	67.0

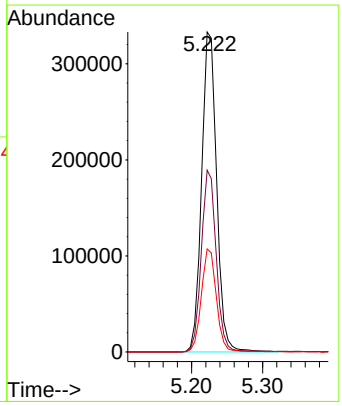




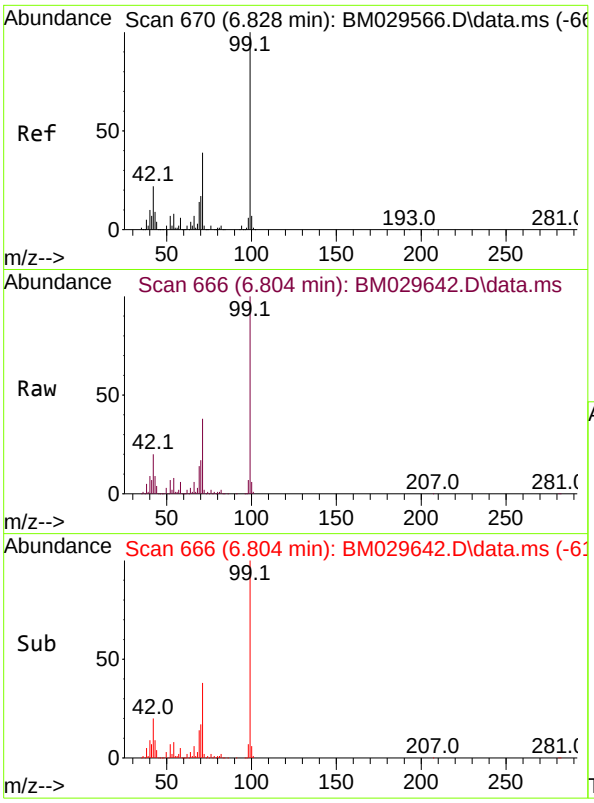
#5
2-Fluorophenol
Concen: 109.33 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:112 Resp: 490854

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.1	70.7
63	32.2	27.3	40.9



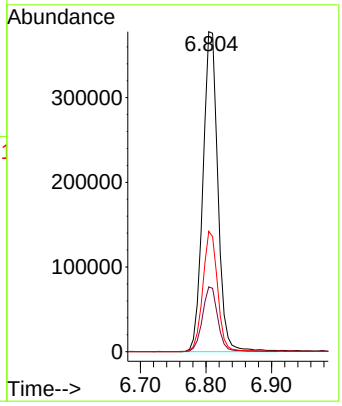
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

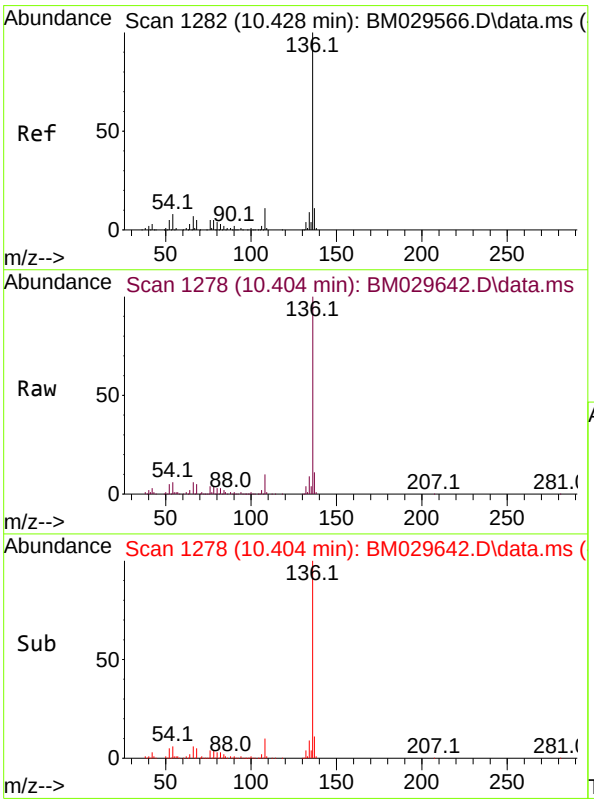


#7
Phenol-d6
Concen: 89.74 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion: 99 Resp: 601767

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.0	27.0
71	37.6	30.9	46.3

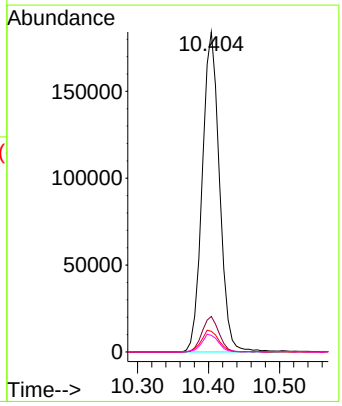




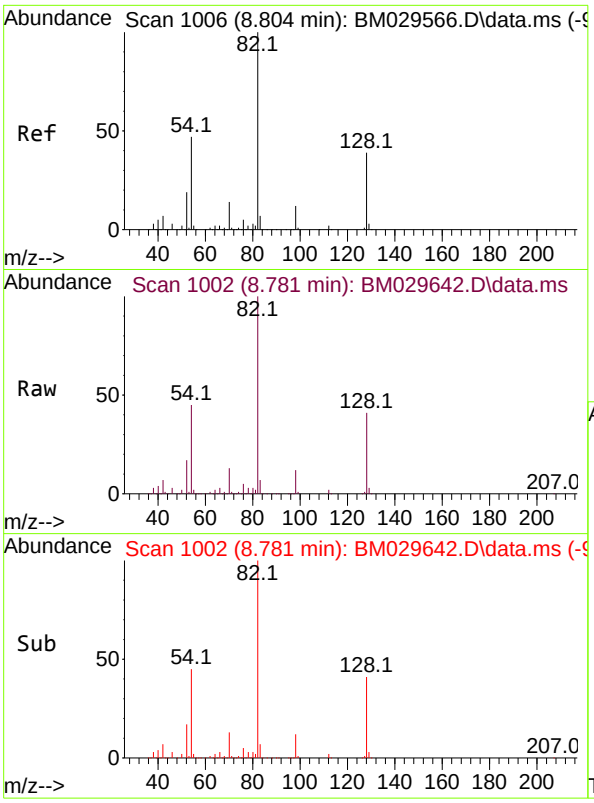
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:136 Resp: 310595

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.5	5.5	8.3
68	5.2	4.2	6.2



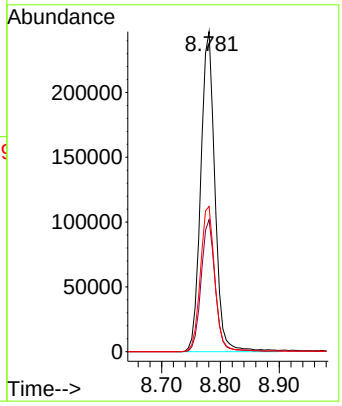
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

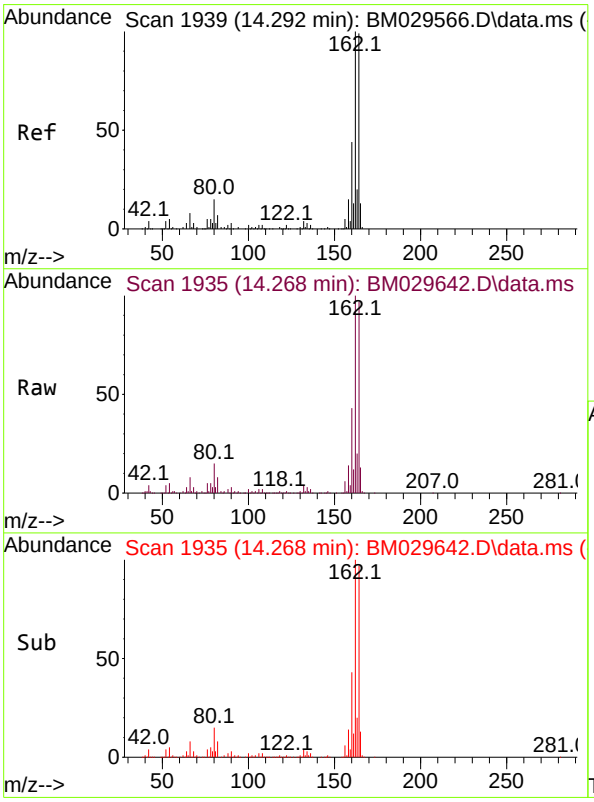


#23
Nitrobenzene-d5
Concen: 68.58 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion: 82 Resp: 413546

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.1	46.7
54	45.4	37.3	55.9

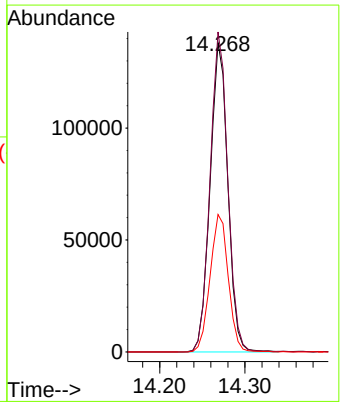




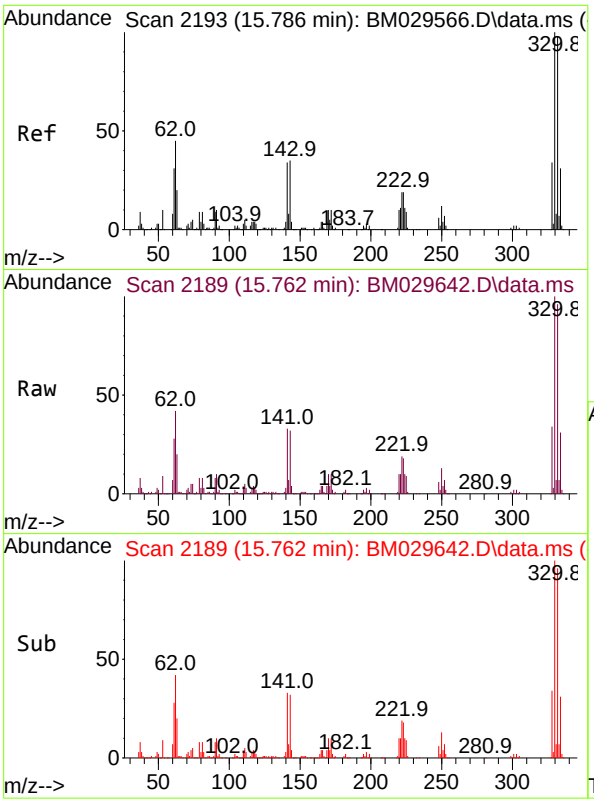
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:164 Resp: 199697

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.0
160	44.5	37.2	55.8



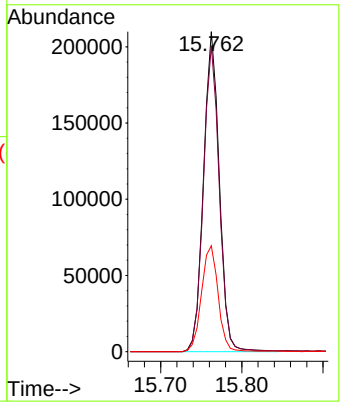
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

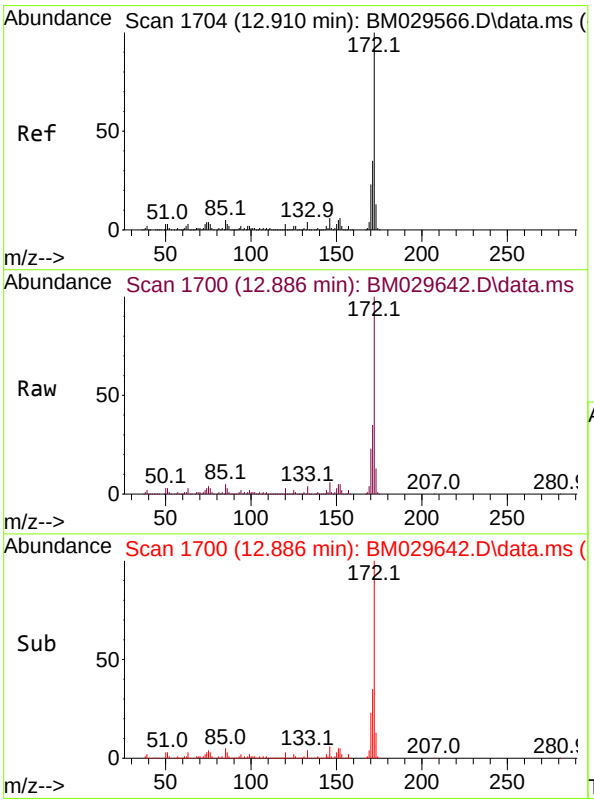


#42
2,4,6-Tribromophenol
Concen: 102.62 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:330 Resp: 283413

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	34.8	30.2	45.2

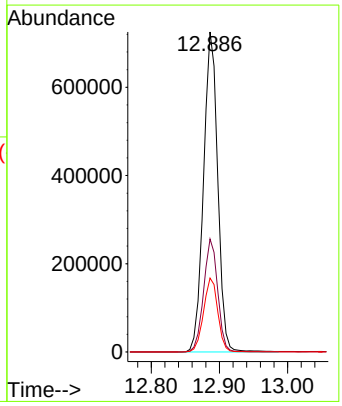


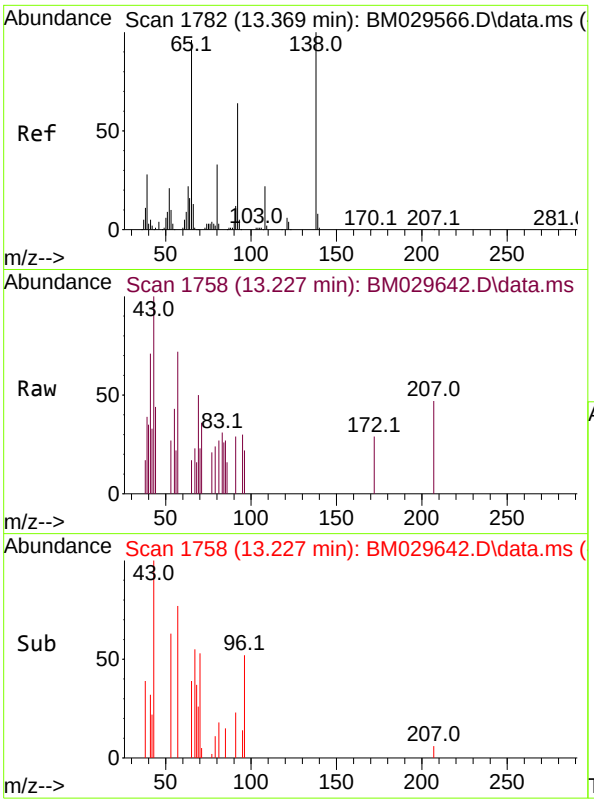


#45
2-Fluorobiphenyl
Concen: 71.47 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:172 Resp: 1051475

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	18.4	27.6

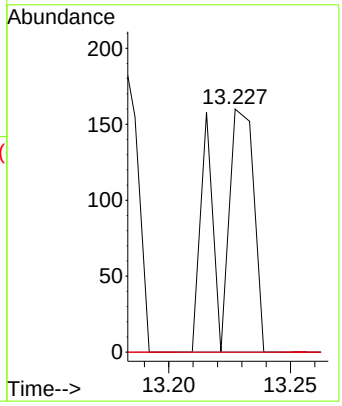




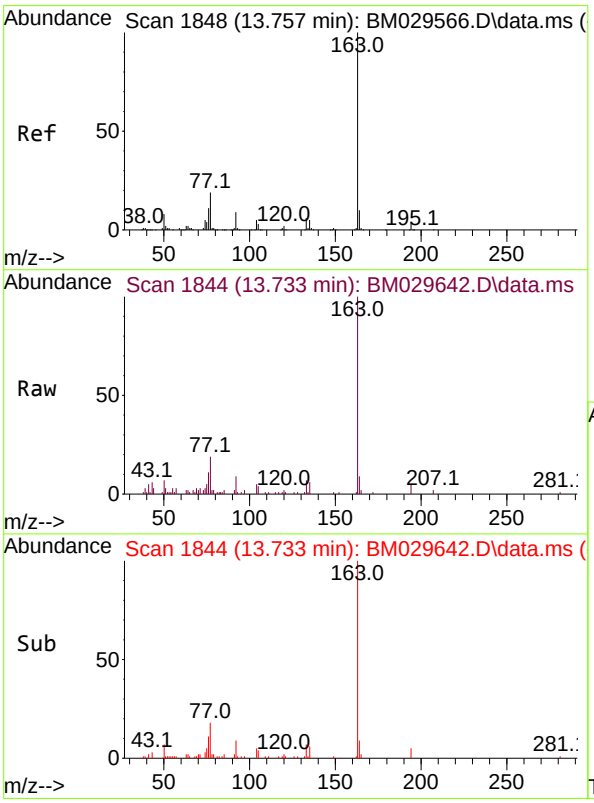
#48
2-Nitroaniline
Concen: 2.91 ng
RT: 13.227 min Scan# 1758
Delta R.T. -0.130 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion: 65 Resp: 166

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.5	83.3#
138	0.0	85.7	128.5#



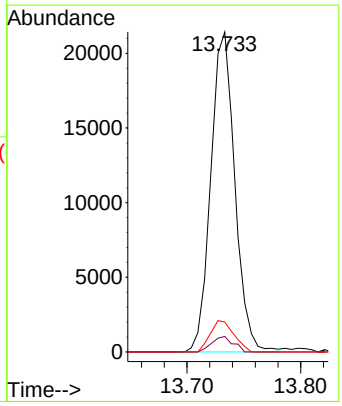
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP



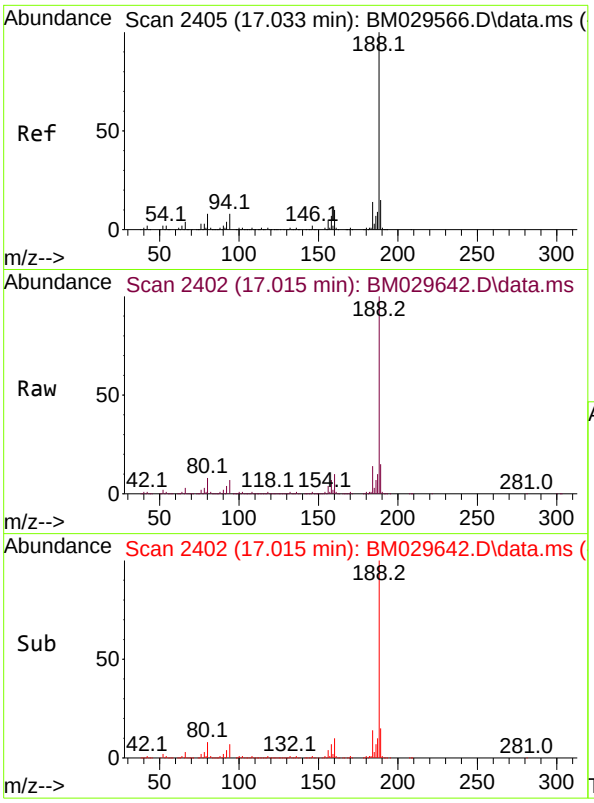
#50
Dimethylphthalate
Concen: 2.09 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:163 Resp: 31497

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	9.4	7.9	11.9



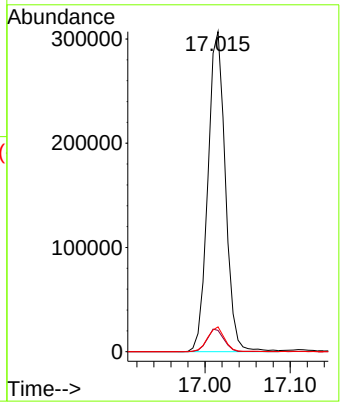
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

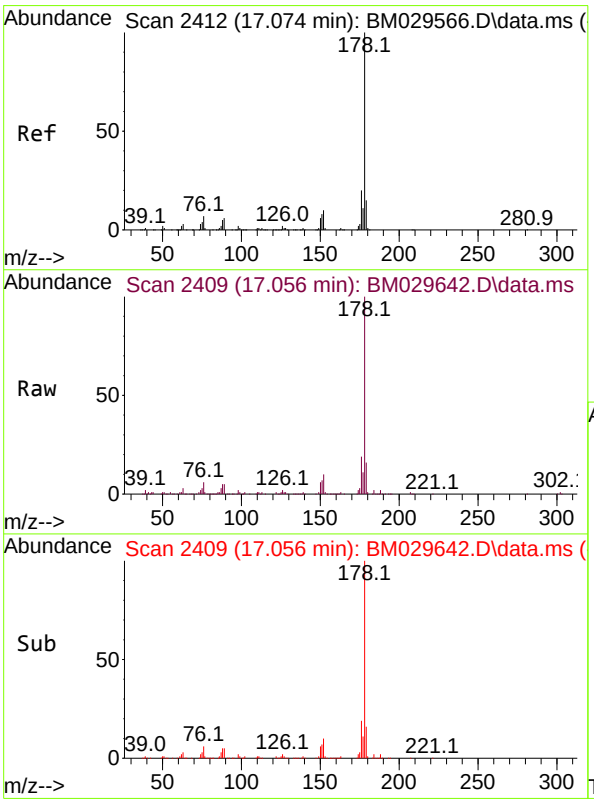


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:188 Resp: 438515

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.0	9.0
80	7.8	6.6	9.8

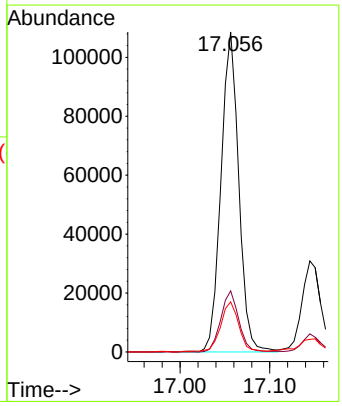




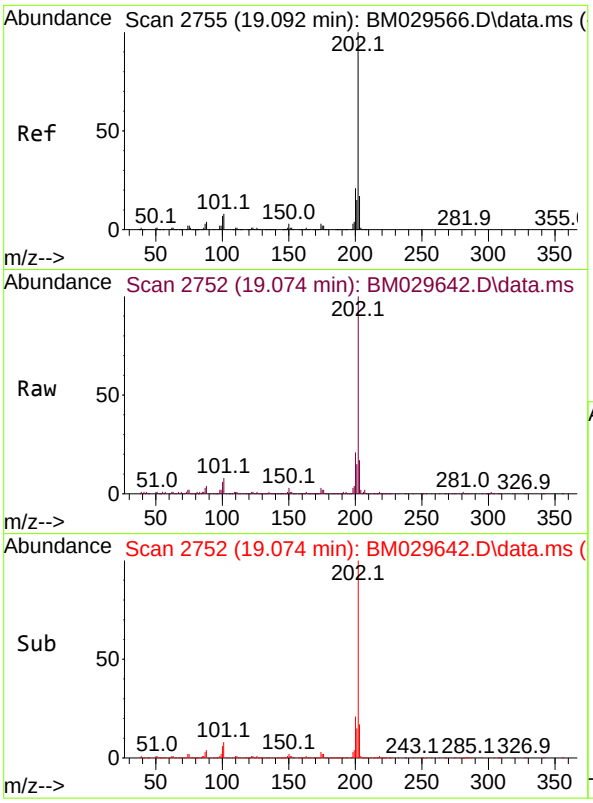
#71
Phenanthrene
Concen: 5.92 ng
RT: 17.056 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:178 Resp: 149470

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.2	18.4



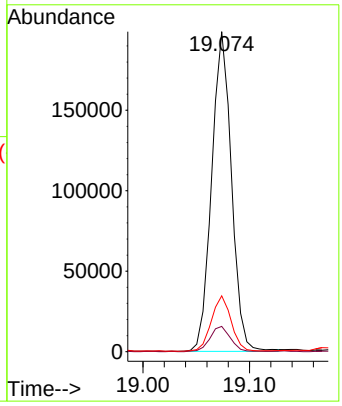
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

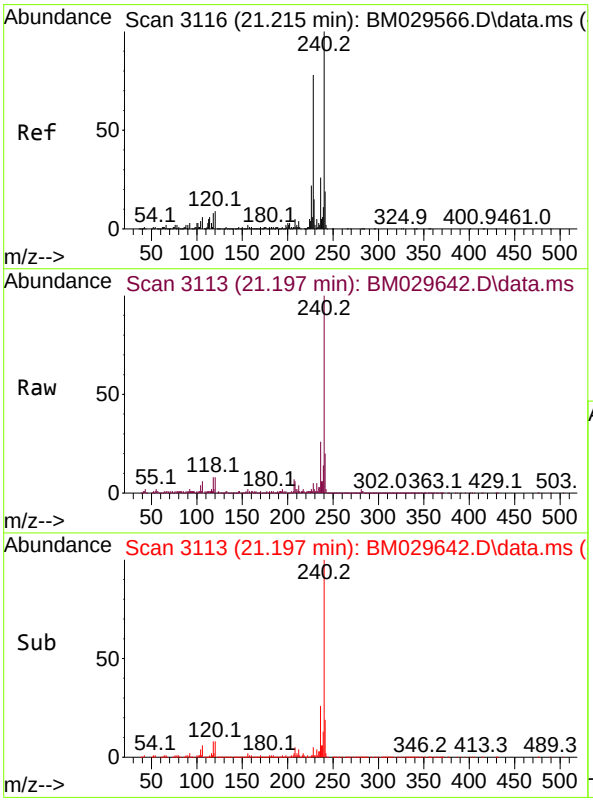


#75
Fluoranthene
Concen: 8.36 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:202 Resp: 256104

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.6
203	17.4	0.0	37.3

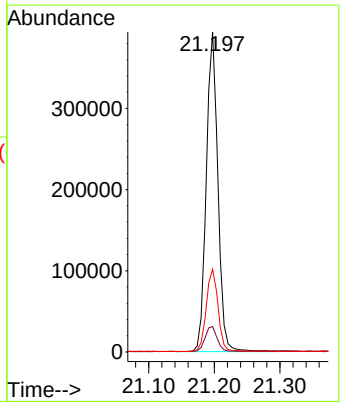


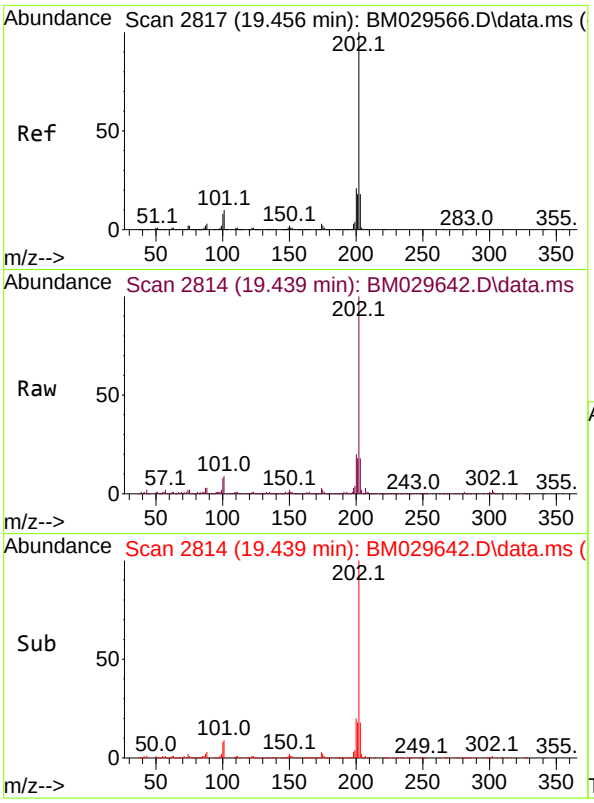


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:240 Resp: 485882

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.9	21.0	31.4

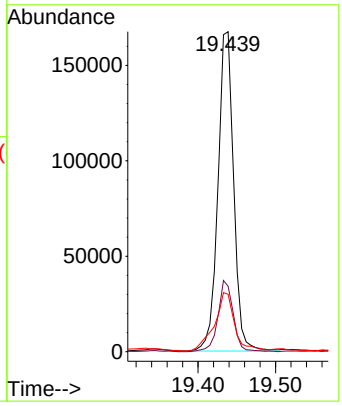




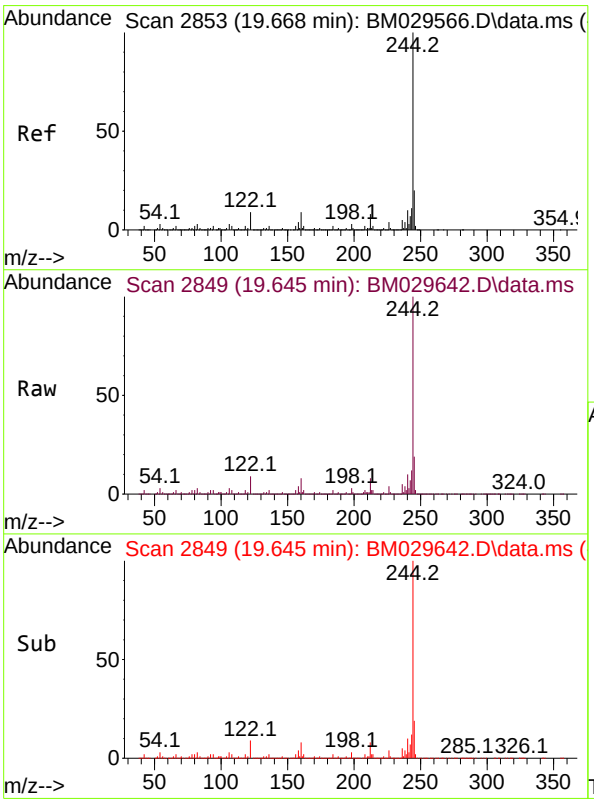
#78
Pyrene
Concen: 7.55 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:202 Resp: 236104

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.3	25.9
203	17.9	13.9	20.9



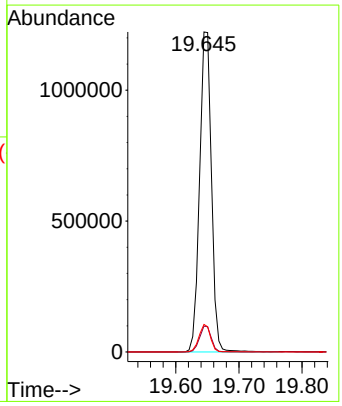
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP



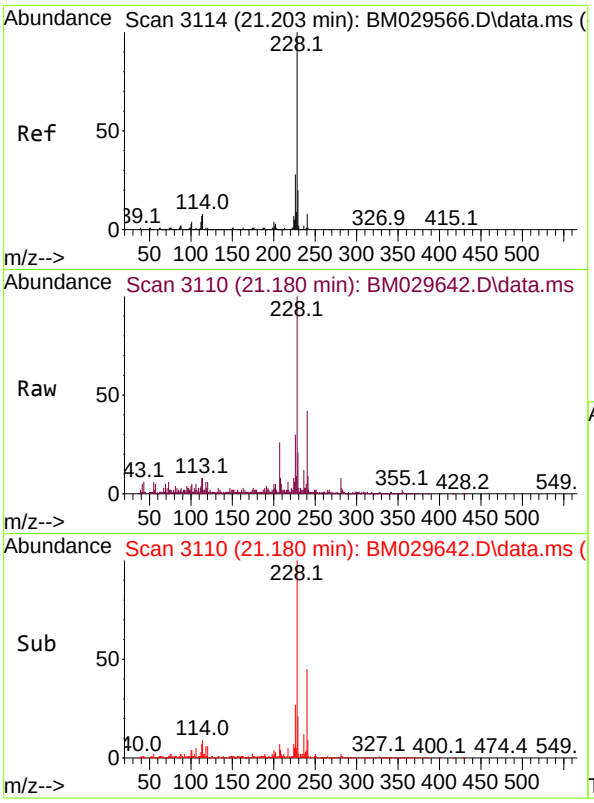
#79
Terphenyl-d14
Concen: 62.06 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:244 Resp: 1590501

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	8.6	6.9	10.3



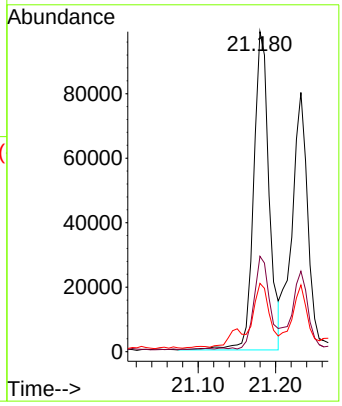
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

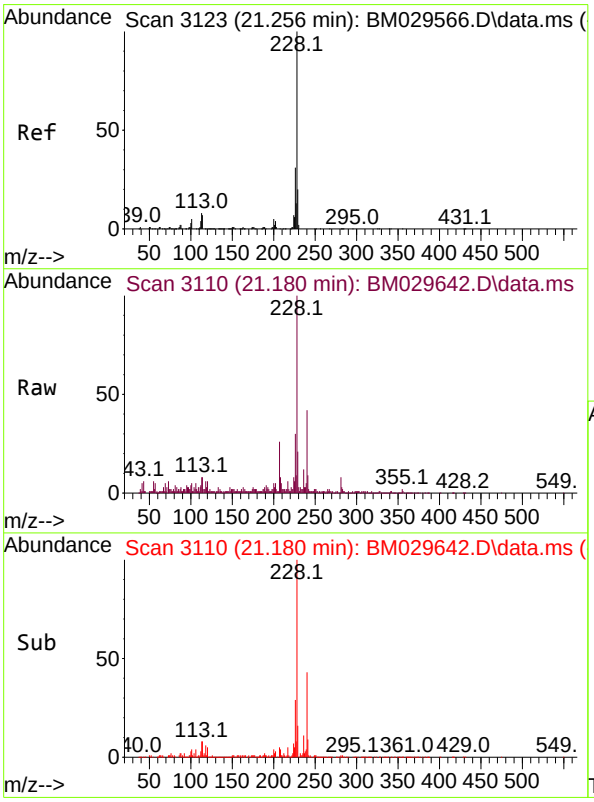


#81
Benzo(a)anthracene
Concen: 4.24 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:228 Resp: 136304

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	21.3	15.7	23.5

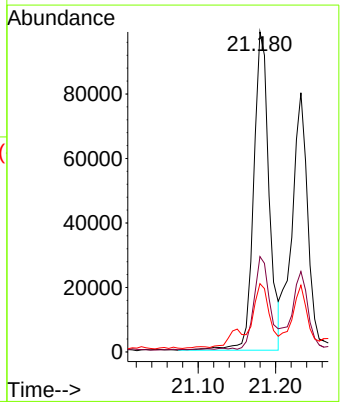




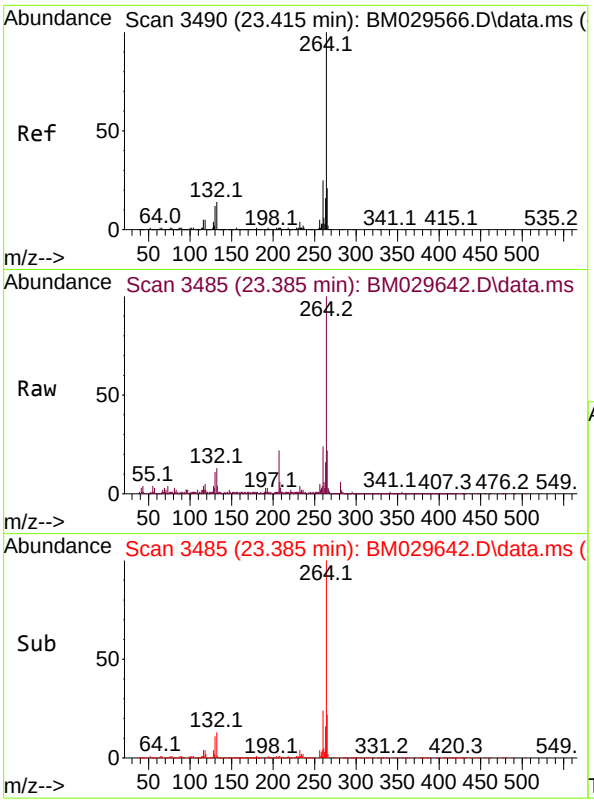
#83
Chrysene
Concen: 4.32 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.065 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:228 Resp: 136304

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	36.8
229	21.3	15.5	23.3



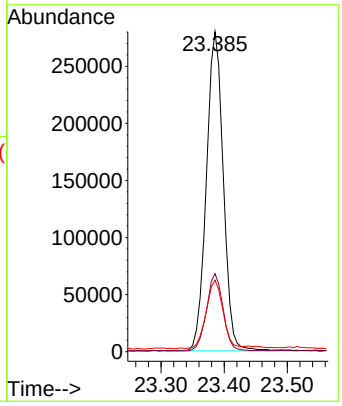
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

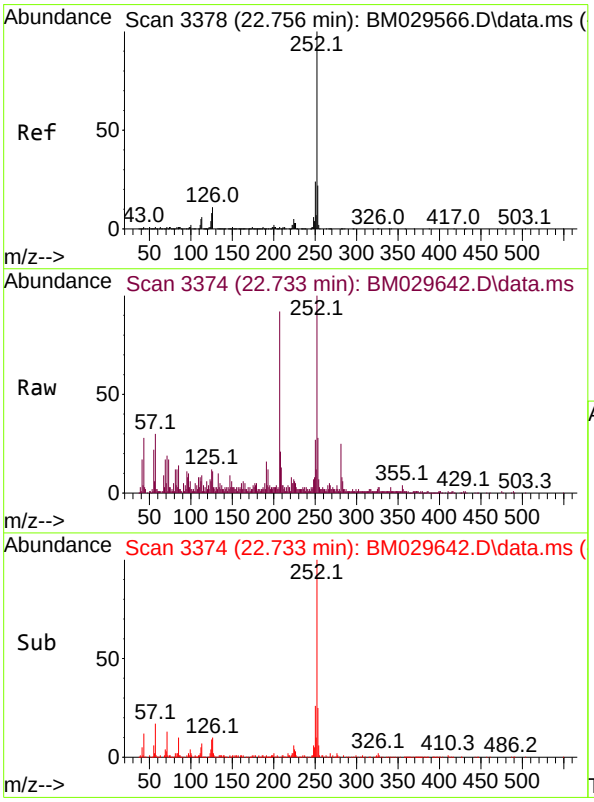


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.385 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:264 Resp: 520788

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.4	17.7	26.5

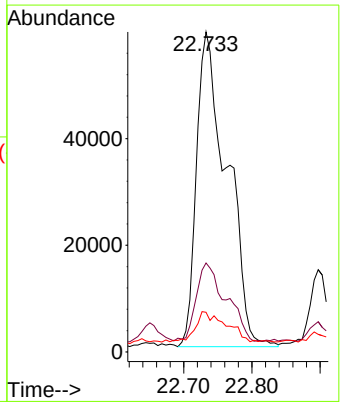




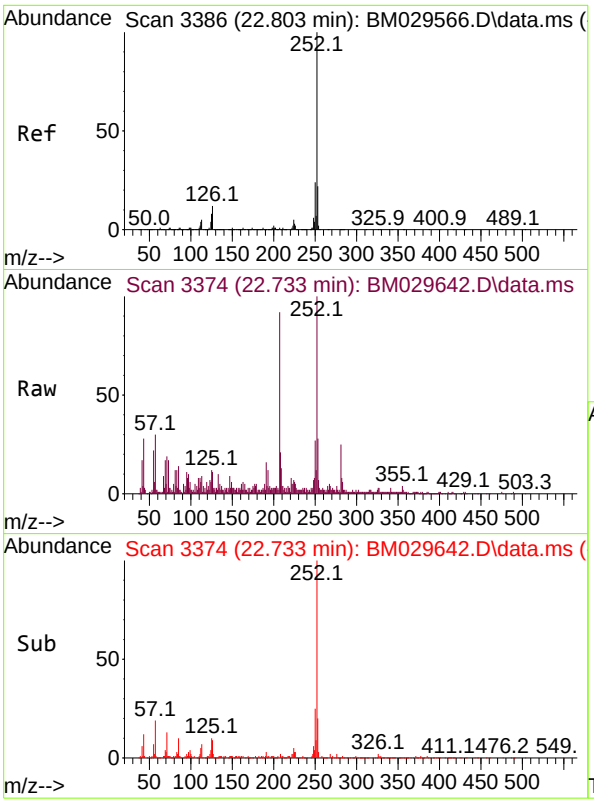
#88
Benzo(b)fluoranthene
Concen: 5.40 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:252 Resp: 183421

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.4	26.0#
125	12.4	6.8	10.2#



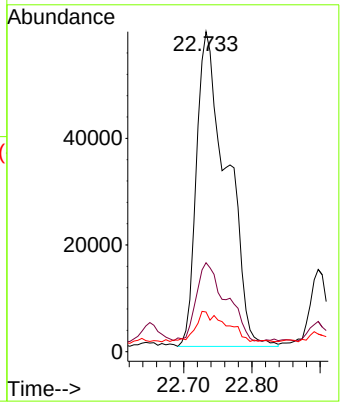
Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

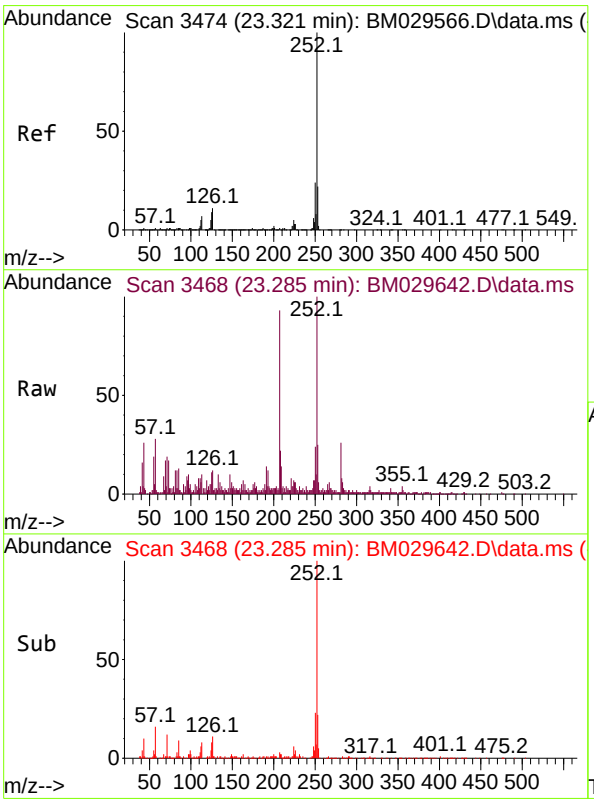


#89
Benzo(k)fluoranthene
Concen: 5.39 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.053 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

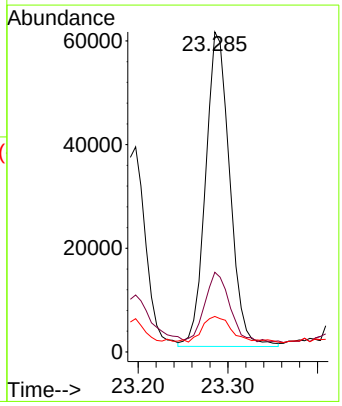
Tgt Ion:252 Resp: 183421

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.4	26.2#
125	12.4	6.2	9.2#





#90
Benzo(a)pyrene
Concen: 3.56 ng
RT: 23.285 min Scan# 3468
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:252 Resp: 113553

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	11.1	7.3	10.9#