Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029035.D
Acq On : 09 Mar 2021 00:58
Operator : CG/JU
Sample : M1589-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-GF-02-067-A

Quant Time: Mar 09 01:36:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	12324	20.00	ng		-0.01
21) Naphthalene-d8	10.463	136	45343	20.00	ng		#-0.01
39) Acenaphthene-d10	14.339	164	24218	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	47220	20.00	ng		-0.01
76) Chrysene-d12	21.256	240	46330	20.00	ng		#-0.02
86) Perylene-d12	23.415	264	50608	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	74129	99.70	ng		0.00
7) Phenol-d6	6.869	99	83742	85.27	ng		0.00
23) Nitrobenzene-d5	8.845	82	55787	66.38	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	26142	91.08	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	113051	62.14	ng		-0.01
79) Terphenyl-d14	19.709	244	144276	57.50	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.898	94	1958	2.01	ng		87
71) Phenanthrene	17.127	178	10195	3.63	ng		99
75) Fluoranthene	19.139	202	28357	9.18	ng		97
78) Pyrene	19.503	202	26820	7.88	ng		100
81) Benzo(a)anthracene	21.245	228	16995	5.29	ng		95
83) Chrysene	21.292	228	16372	5.23	ng		97
87) Indeno(1,2,3-cd)pyrene	25.568	276	14203	3.72	ng	#	92
88) Benzo(b)fluoranthene	22.774	252	25244	7.06	ng	#	92
89) Benzo(k)fluoranthene	22.774	252	25244	7.43	ng	#	92
90) Benzo(a)pyrene	23.321	252	19224	5.89	ng	#	94
92) Benzo(g,h,i)perylene	26.232	276	13838	4.32	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
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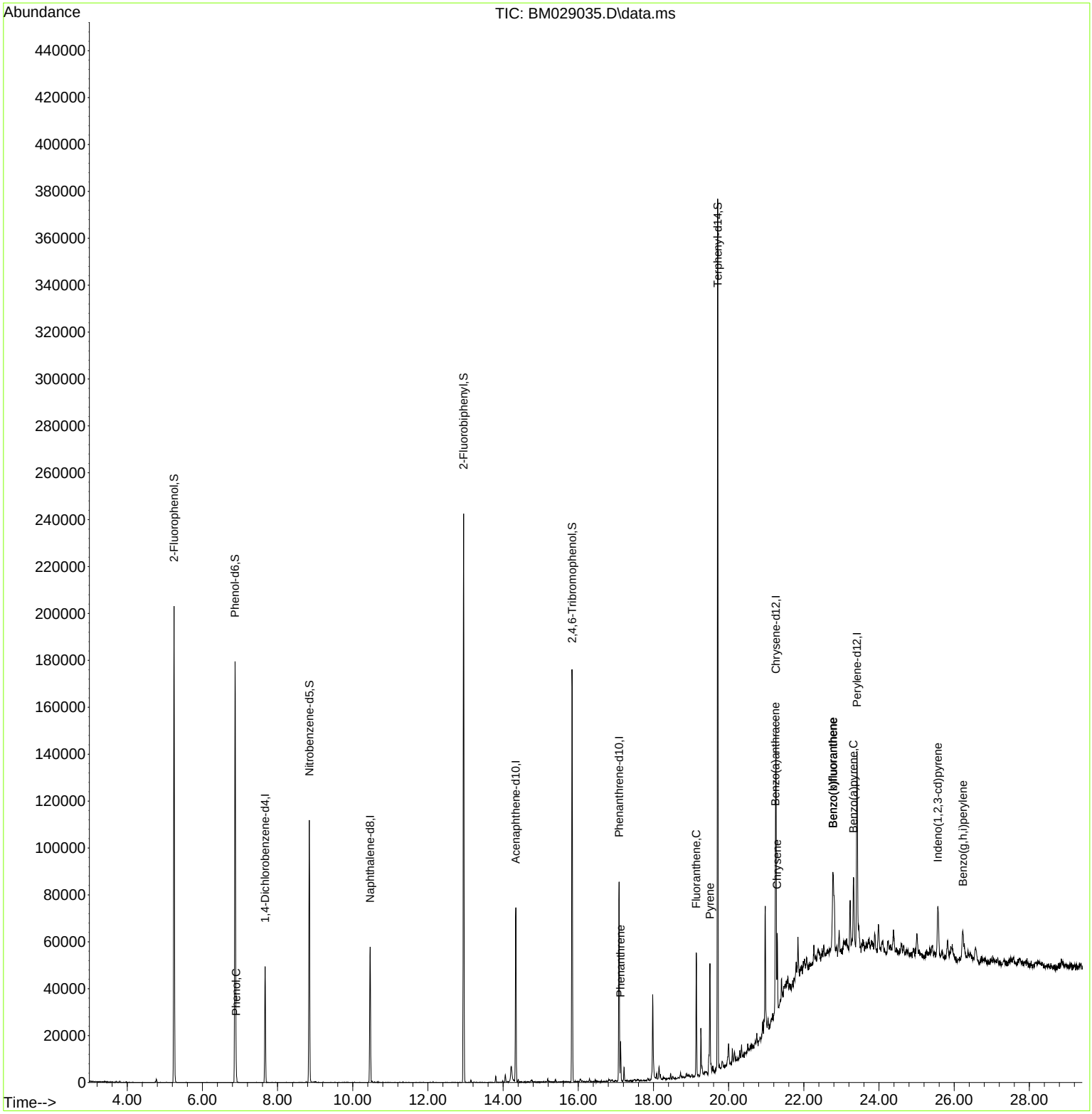
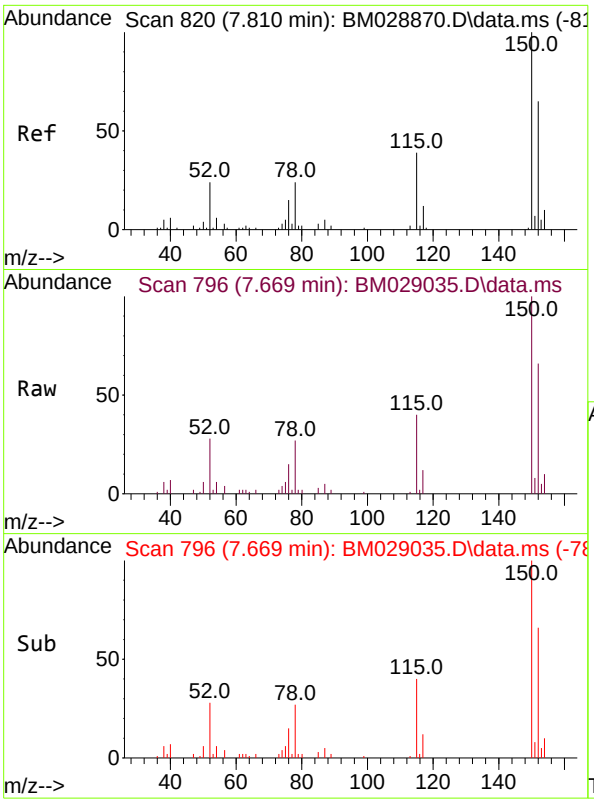
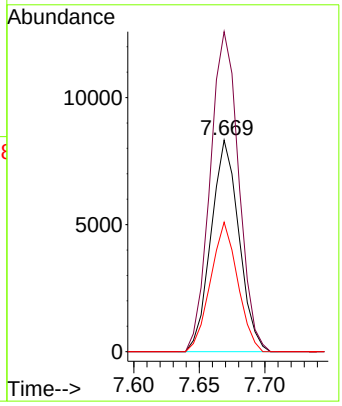




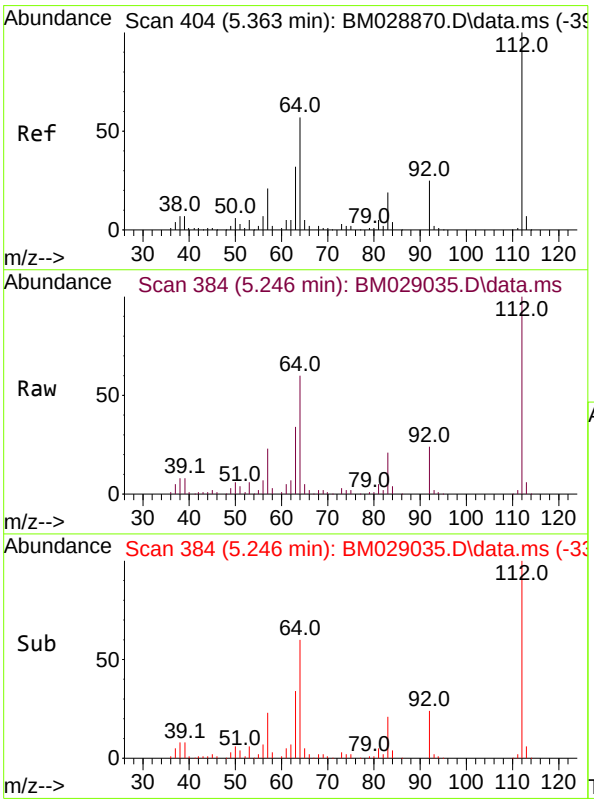
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:152 Resp: 12324

Ion	Ratio	Lower	Upper
152	100		
150	151.3	120.6	181.0
115	61.2	47.2	70.8



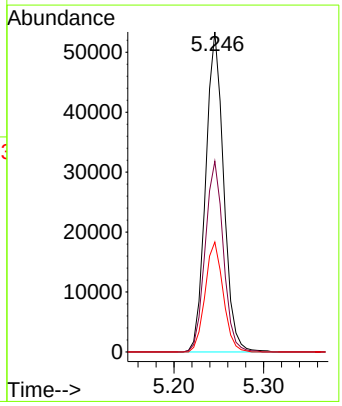
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

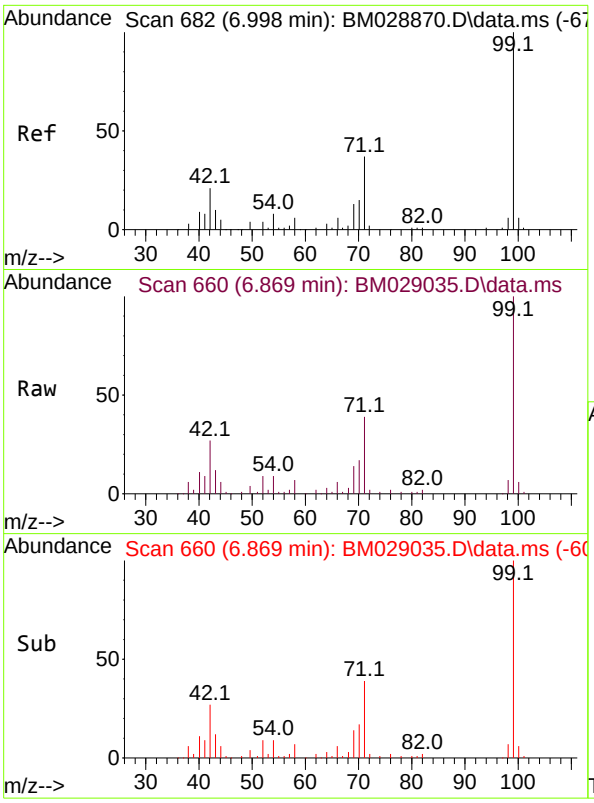


#5
2-Fluorophenol
Concen: 99.70 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:112 Resp: 74129

Ion	Ratio	Lower	Upper
112	100		
64	59.6	50.6	76.0
63	34.4	31.0	46.6

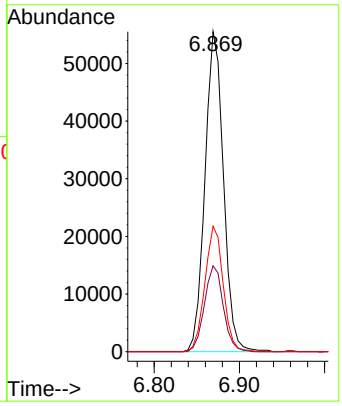




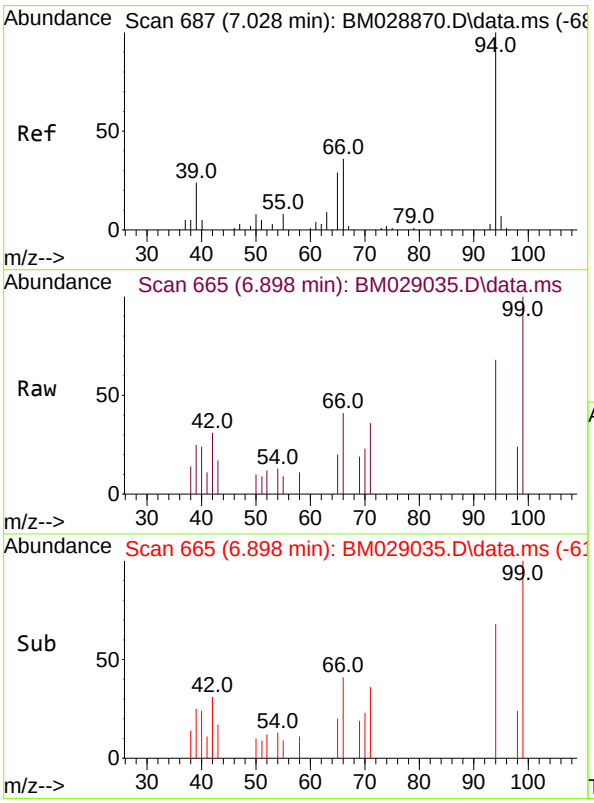
#7
Phenol-d6
Concen: 85.27 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion: 99 Resp: 83742

Ion	Ratio	Lower	Upper
99	100		
42	26.9	13.5	20.3#
71	39.2	39.4	59.0#



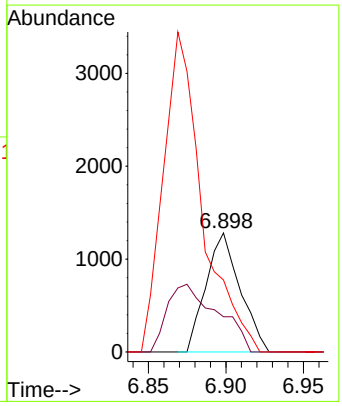
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

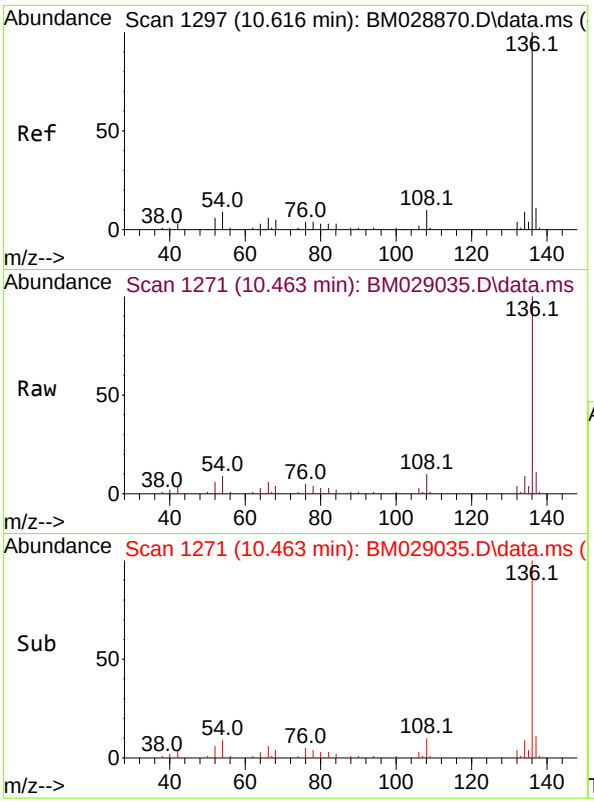


#10
Phenol
Concen: 2.01 ng
RT: 6.898 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion: 94 Resp: 1958

Ion	Ratio	Lower	Upper
94	100		
65	29.6	16.4	56.4
66	60.4	30.2	70.2

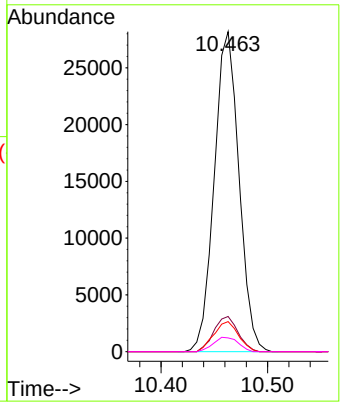




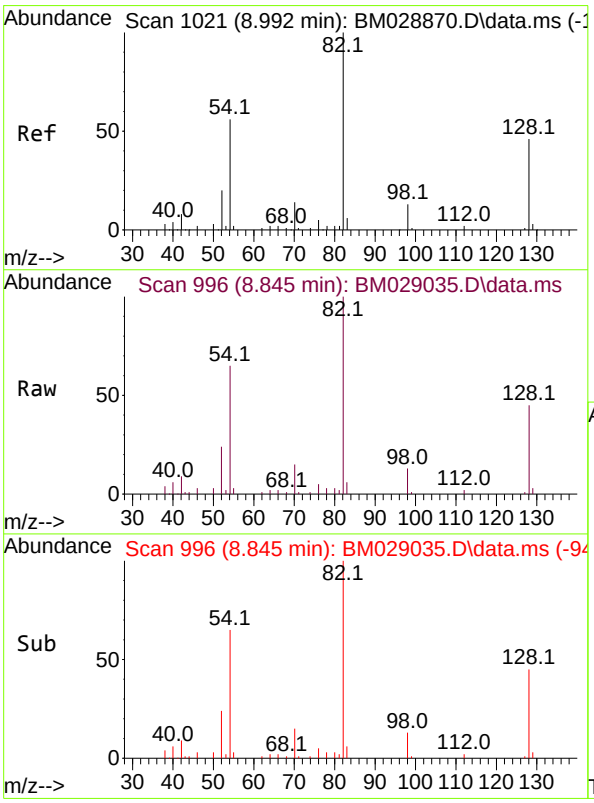
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:136 Resp: 45343

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.4	4.6	7.0#
68	4.3	4.1	6.1



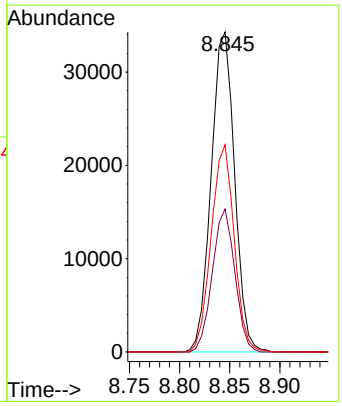
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A



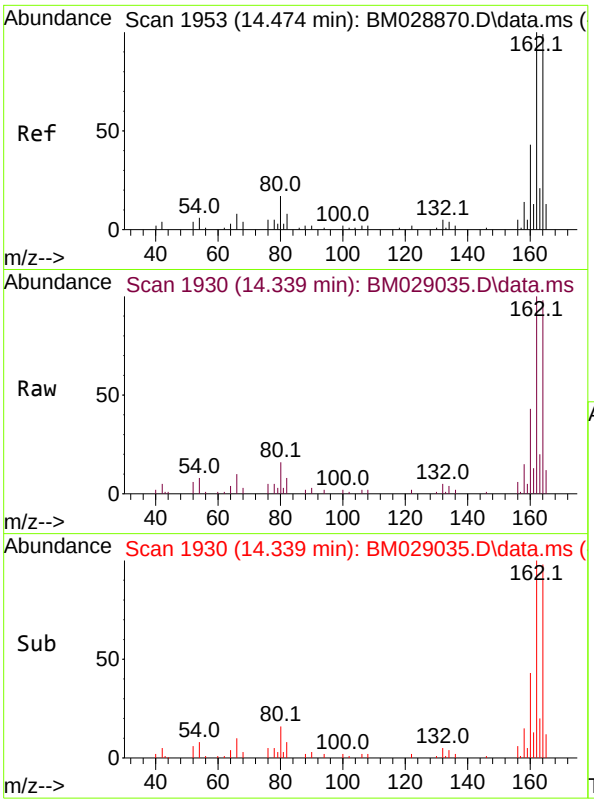
#23
Nitrobenzene-d5
Concen: 66.38 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion: 82 Resp: 55787

Ion	Ratio	Lower	Upper
82	100		
128	44.7	27.4	41.0#
54	64.8	31.4	47.0#



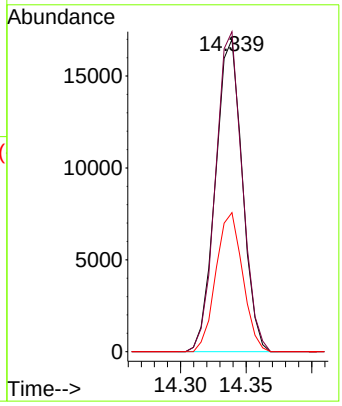
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

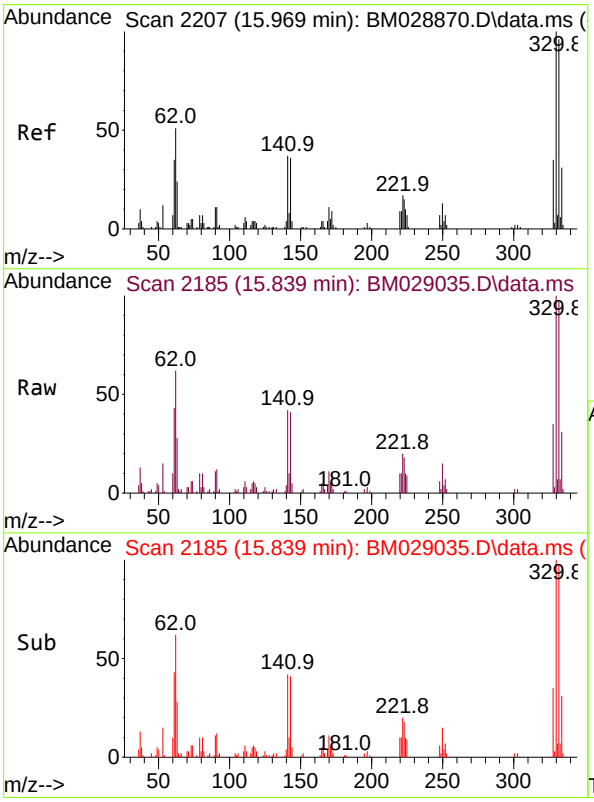


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:164 Resp: 24218

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.4	120.6
160	44.5	35.9	53.9

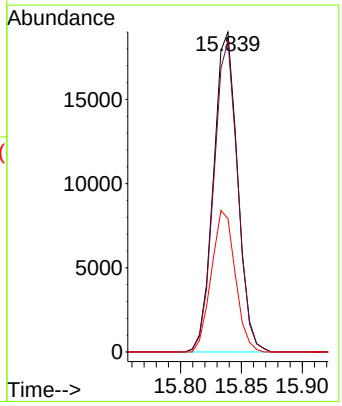




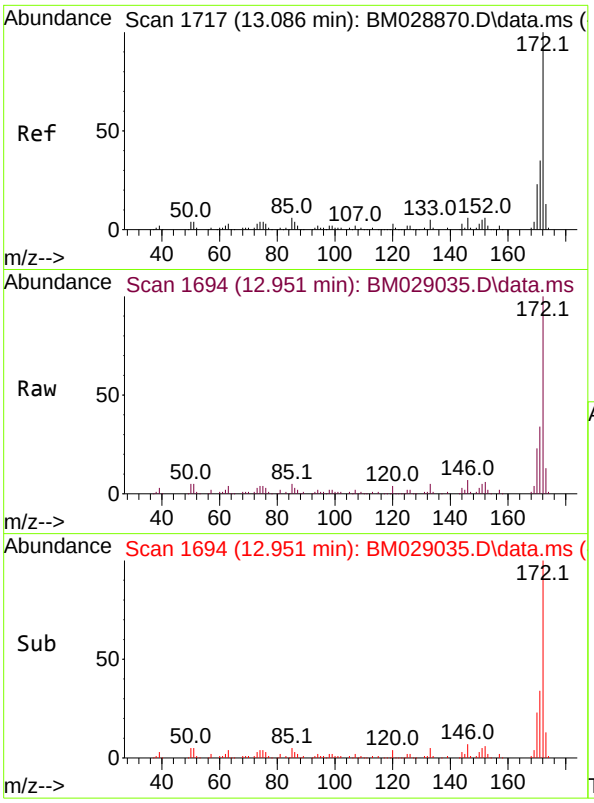
#42
2,4,6-Tribromophenol
Concen: 91.08 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:330 Resp: 26142

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	43.8	28.4	42.6#



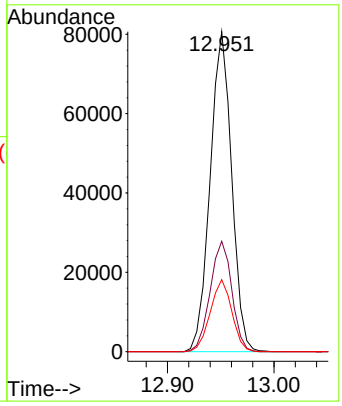
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

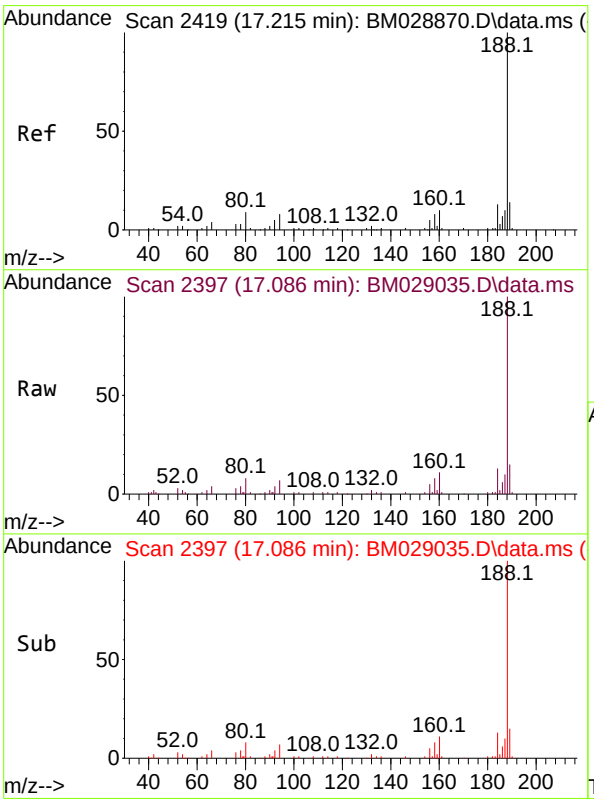


#45
2-Fluorobiphenyl
Concen: 62.14 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:172 Resp: 113051

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	22.5	18.6	27.8

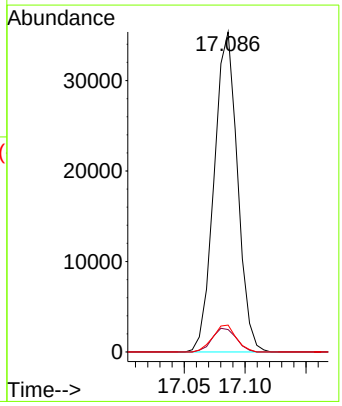


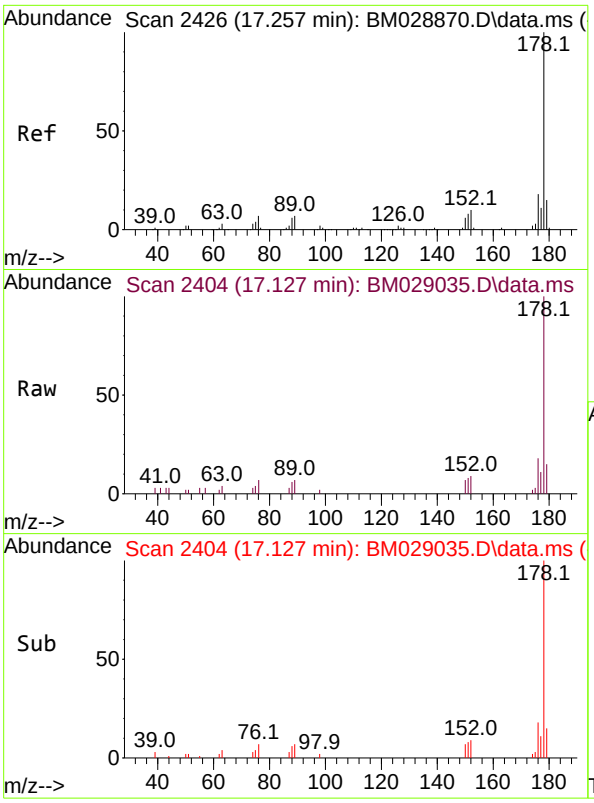


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:188 Resp: 47220

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.4	7.5	11.3

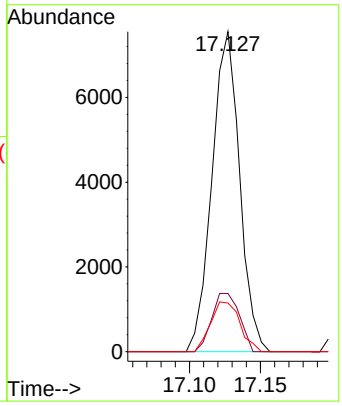




#71
Phenanthrene
Concen: 3.63 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:178 Resp: 10195

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	15.2	12.2	18.4



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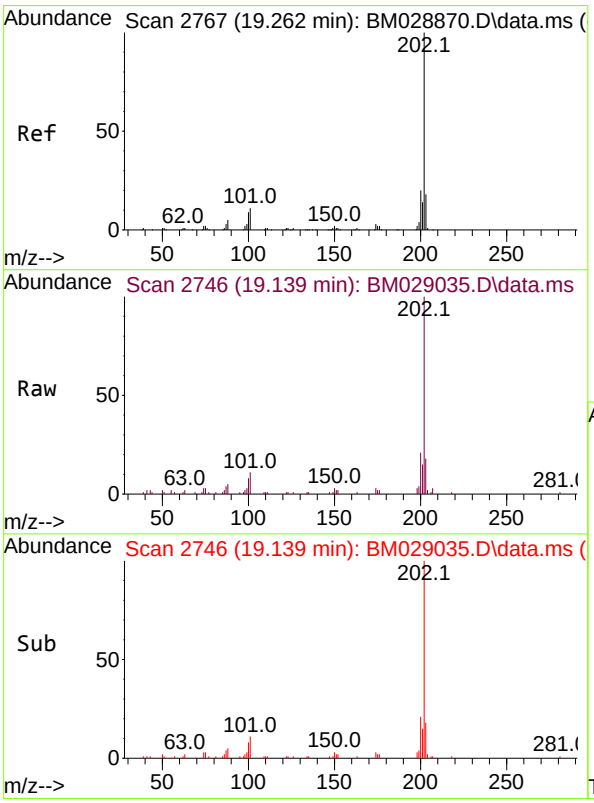
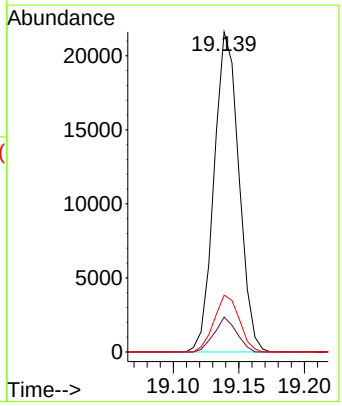
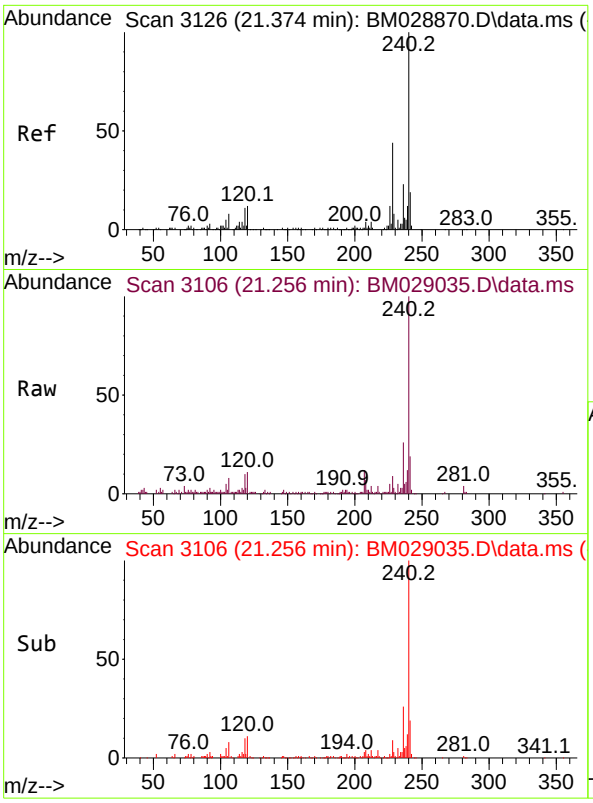


#75
Fluoranthene
Concen: 9.18 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:202 Resp: 28357

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	28.5
203	17.8	0.0	37.3

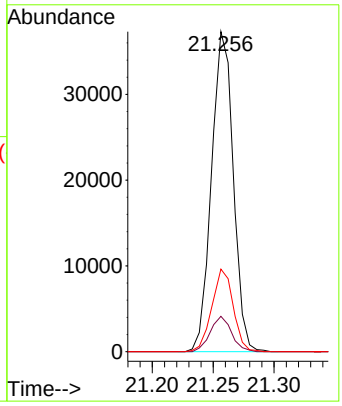




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:240 Resp: 46330

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.4	9.6#
236	25.8	20.1	30.1



Instrument :
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ClientSampleId :
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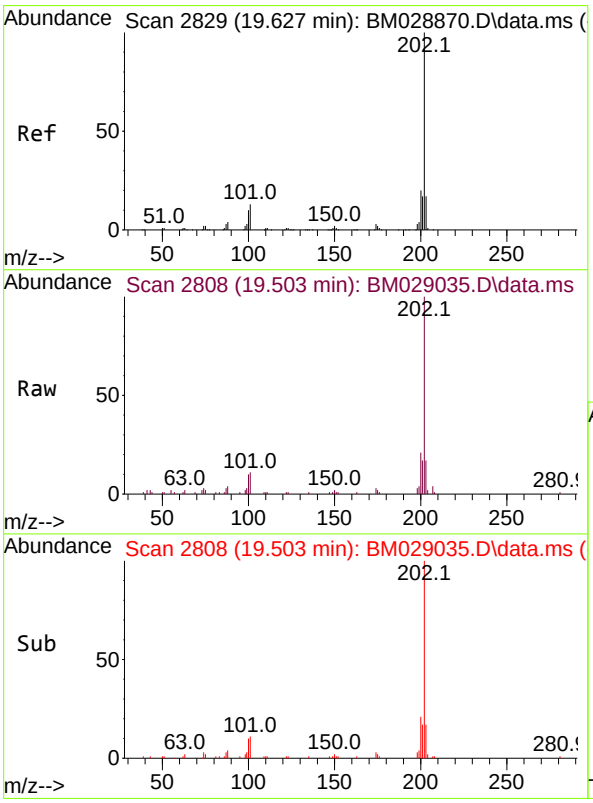
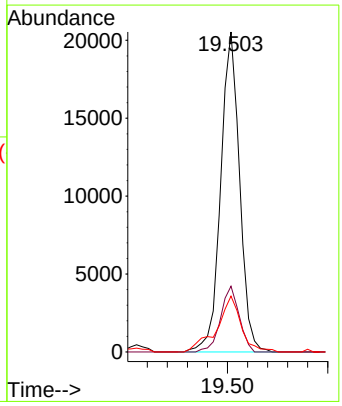


#78
Pyrene
Concen: 7.88 ng
RT: 19.503 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:202 Resp: 26820

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.4	13.8	20.6



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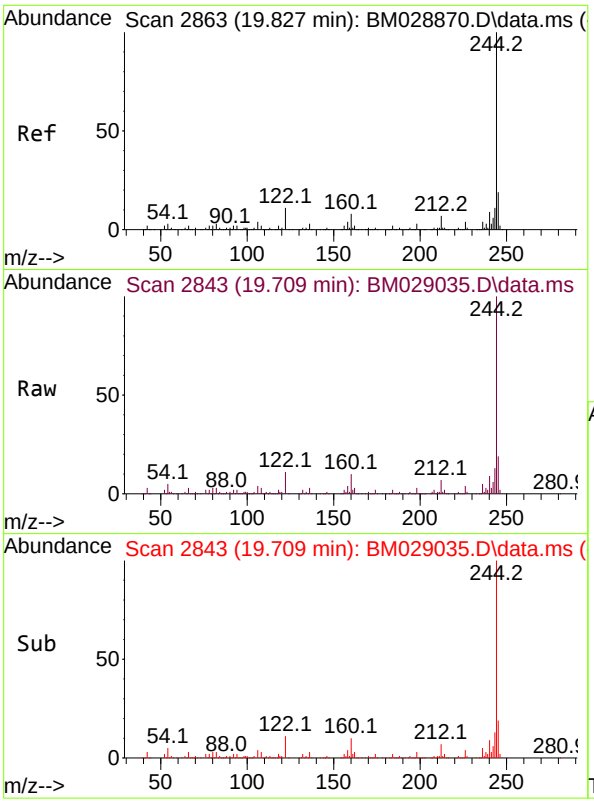
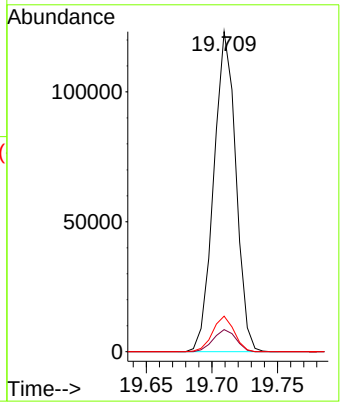
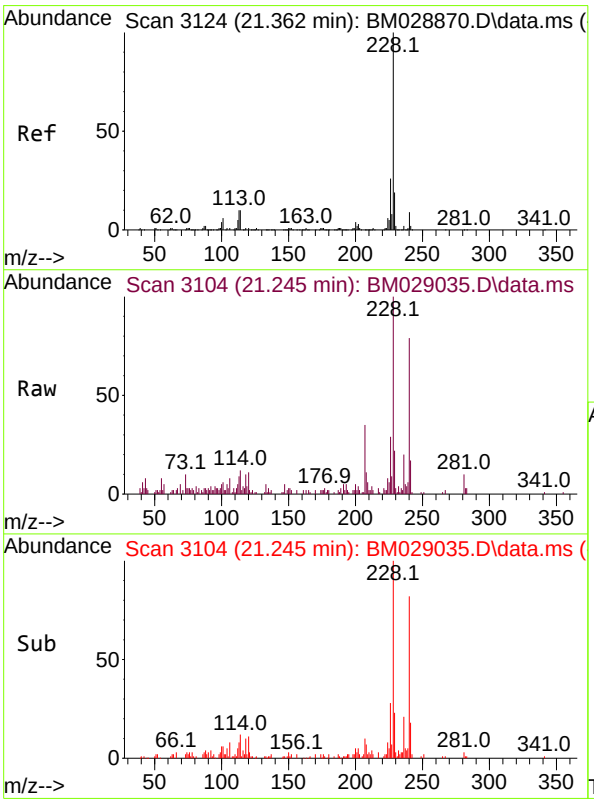


#79
Terphenyl-d14
Concen: 57.50 ng
RT: 19.709 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:244 Resp: 144276

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.1	6.5	9.7#

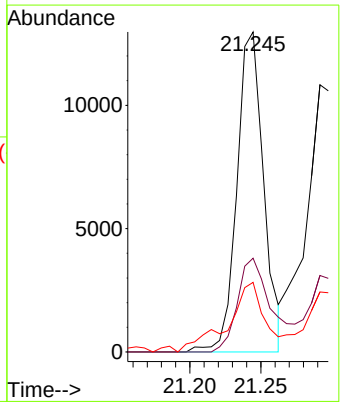




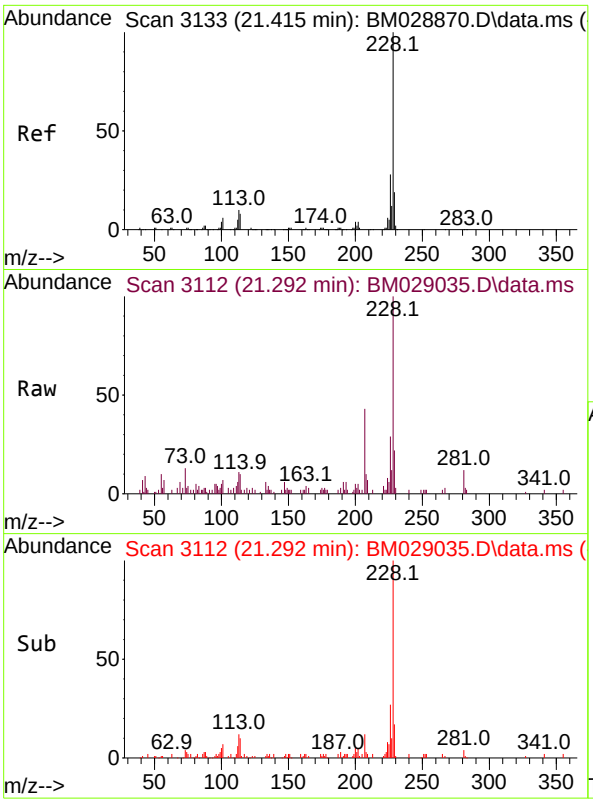
#81
Benzo(a)anthracene
Concen: 5.29 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:228 Resp: 16995

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.1	31.7
229	21.7	15.7	23.5



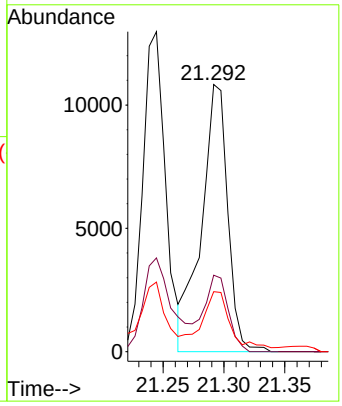
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

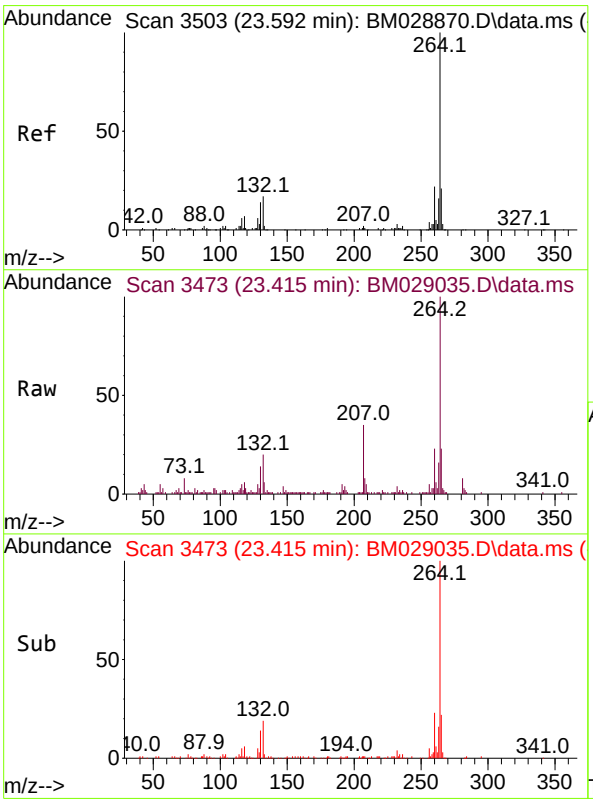


#83
Chrysene
Concen: 5.23 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.018 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:228 Resp: 16372

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	22.5	15.7	23.5

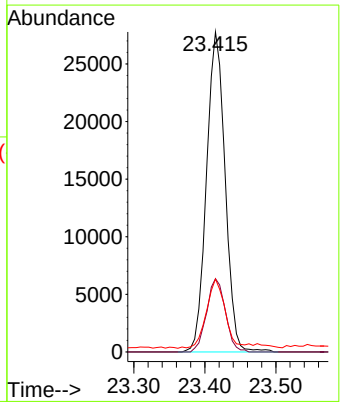




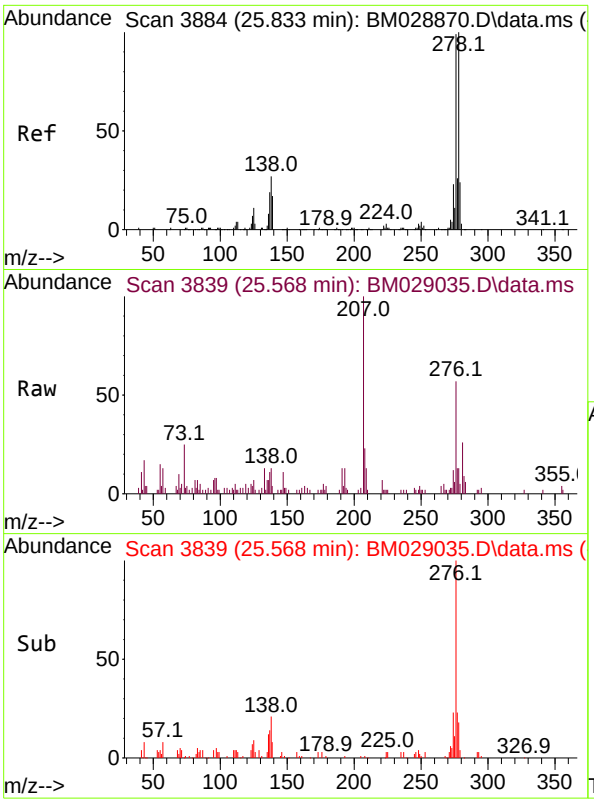
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.024 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:264 Resp: 50608

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	22.8	17.7	26.5



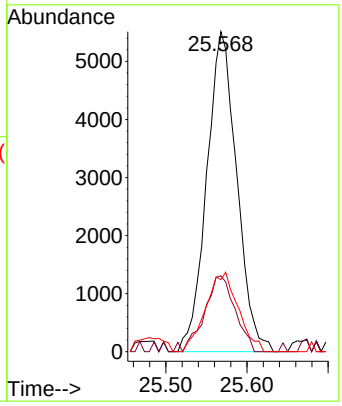
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

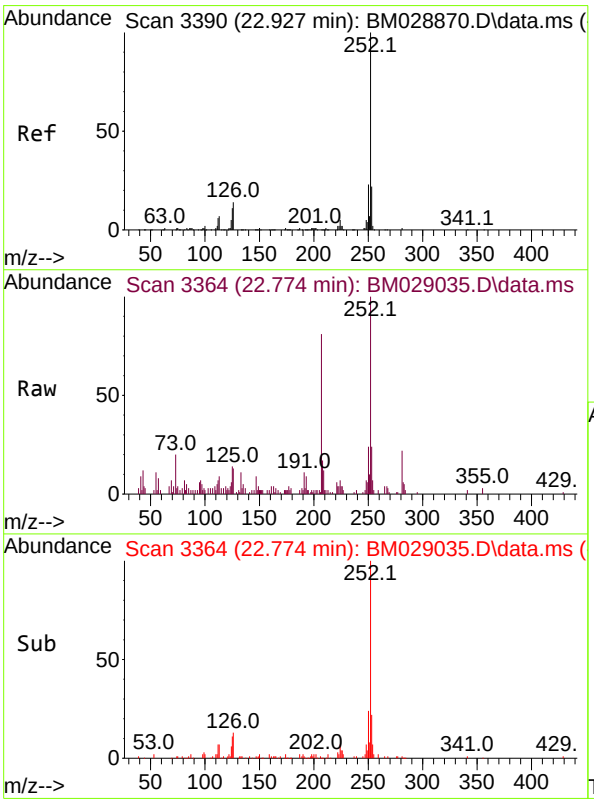


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.72 ng
RT: 25.568 min Scan# 3839
Delta R.T. -0.035 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:276 Resp: 14203

Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.2	21.4#
277	26.7	19.8	29.8

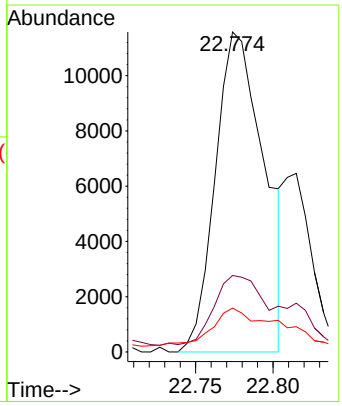




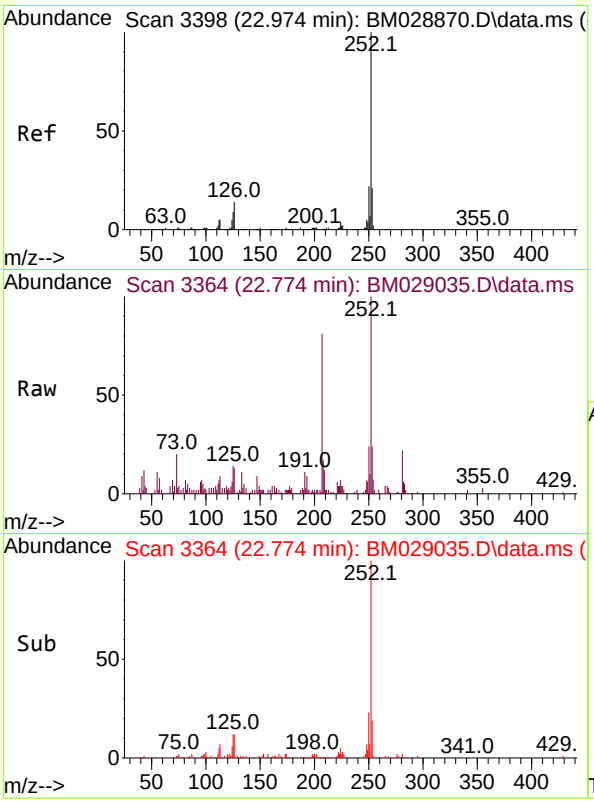
#88
Benzo(b)fluoranthene
Concen: 7.06 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.018 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:252 Resp: 25244

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	13.7	5.7	8.5#



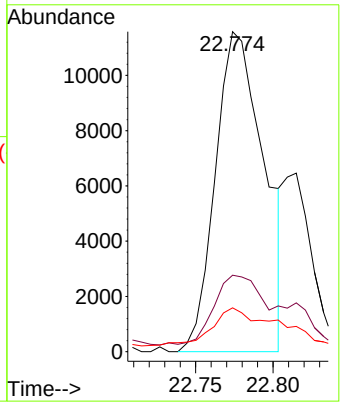
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

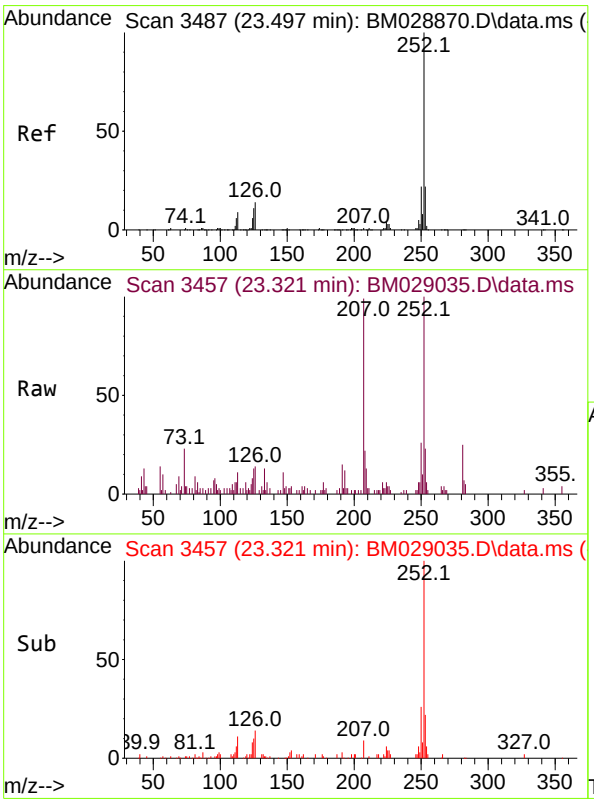


#89
Benzo(k)fluoranthene
Concen: 7.43 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.059 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:252 Resp: 25244

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	13.7	5.6	8.4#

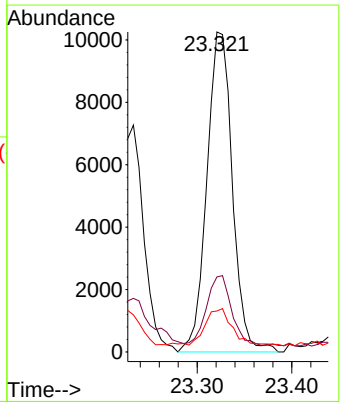


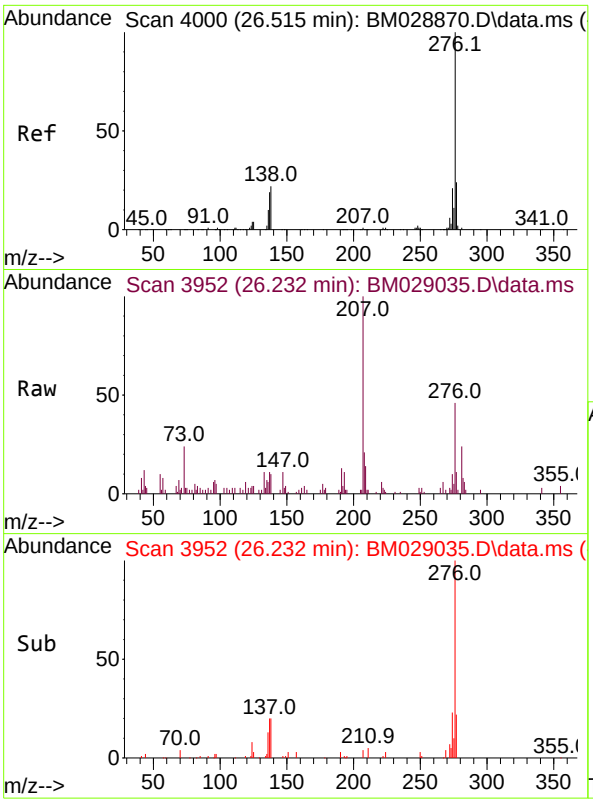


#90
Benzo(a)pyrene
Concen: 5.89 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.024 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:252 Resp: 19224

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	12.8	6.6	9.8#

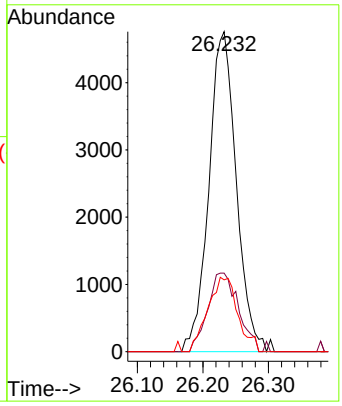




#92
Benzo(g,h,i)perylene
Concen: 4.32 ng
RT: 26.232 min Scan# 3952
Delta R.T. -0.029 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:276 Resp: 13838

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	22.4	12.2	18.2#



Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A