Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027202.D
Acq On : 24 Aug 2020 20:02
Operator : JU/CG
Sample : L3734-07RE 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EROC-BF-1FRE

Quant Time: Aug 25 01:33:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	216509	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	809337	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	513922	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1063241	20.00	ng		0.00
76) Chrysene-d12	21.19	240	999216	20.00	ng		0.00
86) Perylene-d12	23.37	264	1104673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	101238	9.12	ng		0.00
7) Phenol-d6	6.79	99	464429	30.46	ng		0.00
23) Nitrobenzene-d5	8.75	82	411993	21.00	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	21065	2.53	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	842438	21.53	ng		0.00
79) Terphenyl-d14	19.63	244	1055126	19.73	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.03	178	182929	3.095	ng		99
75) Fluoranthene	19.05	202	279332	3.783	ng		97
78) Pyrene	19.42	202	266232	4.379	ng		99
81) Benzo(a)anthracene	21.17	228	139393	2.153	ng	#	90
83) Chrysene	21.22	228	138892	2.209	ng	#	92
84) Bis(2-ethylhexyl)phthalate	21.13	149	438423	13.861	ng		99
88) Benzo(b)fluoranthene	22.72	252	177325	2.407	ng	#	79

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

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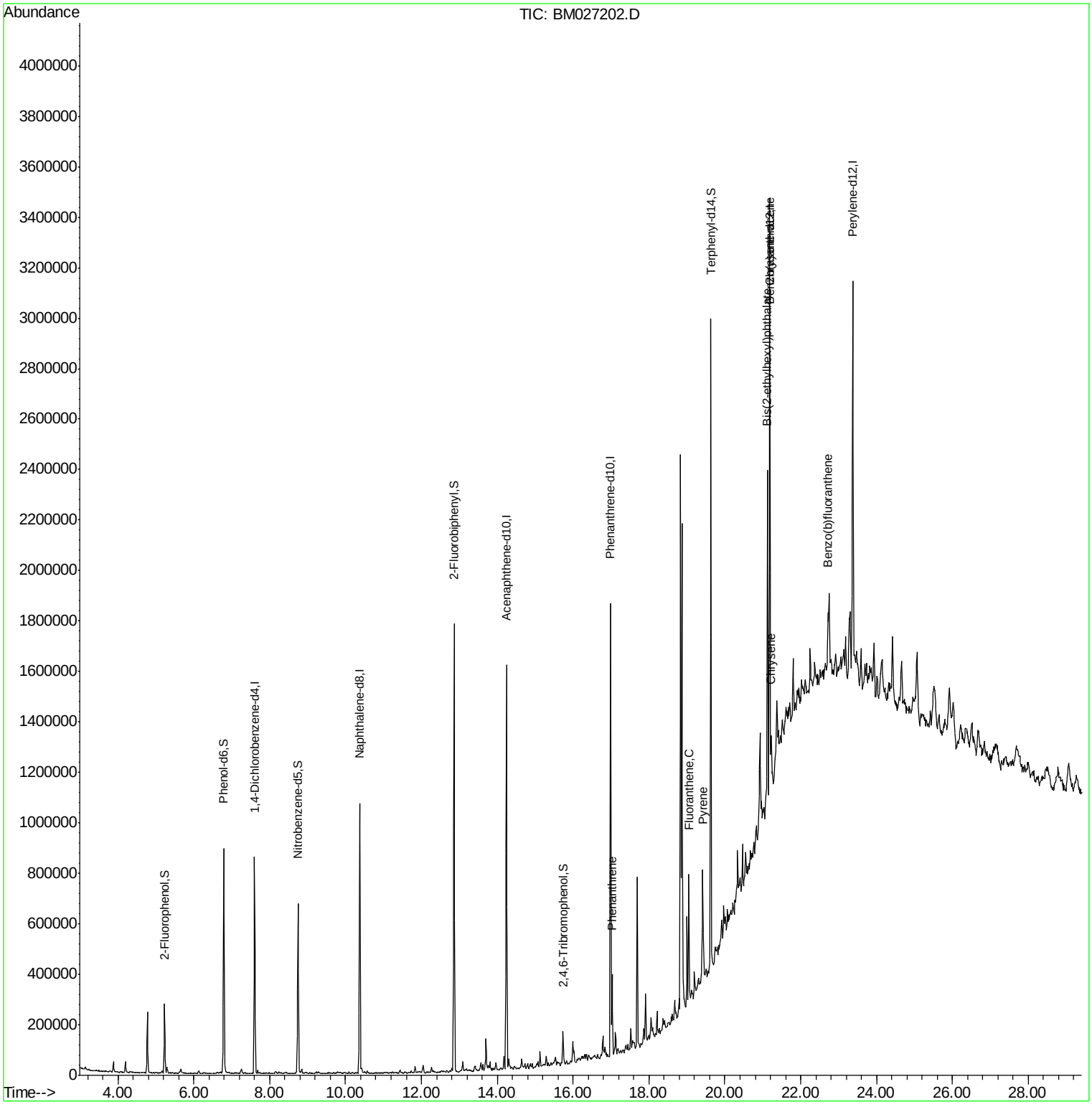
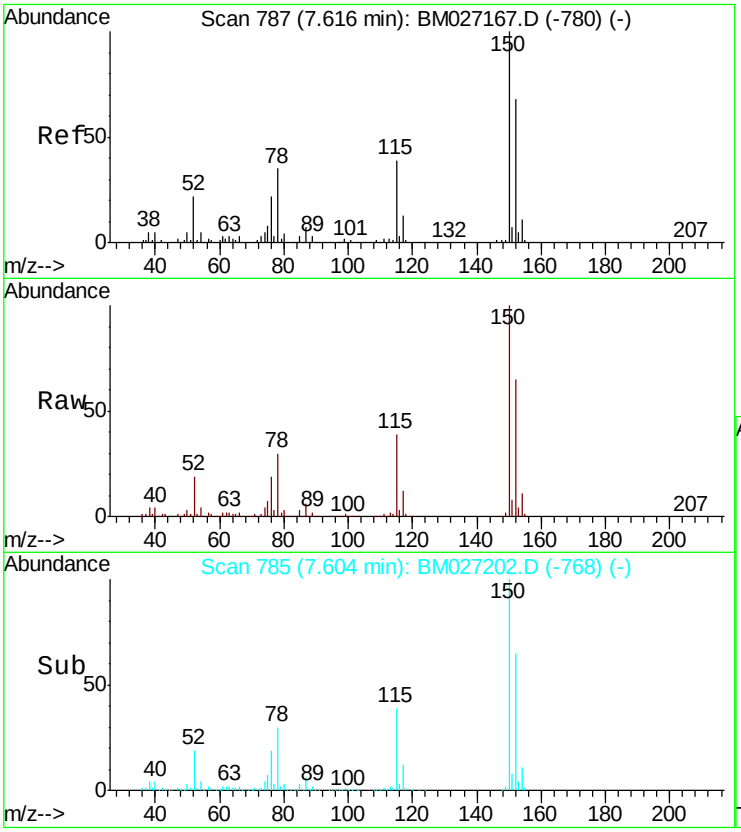


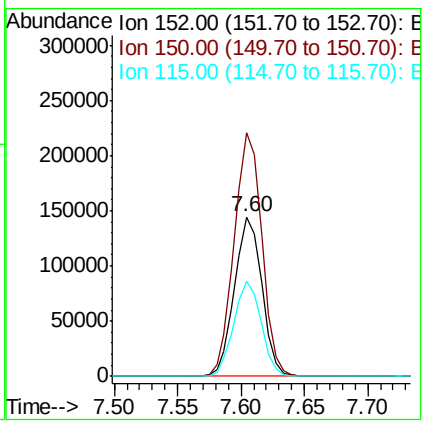


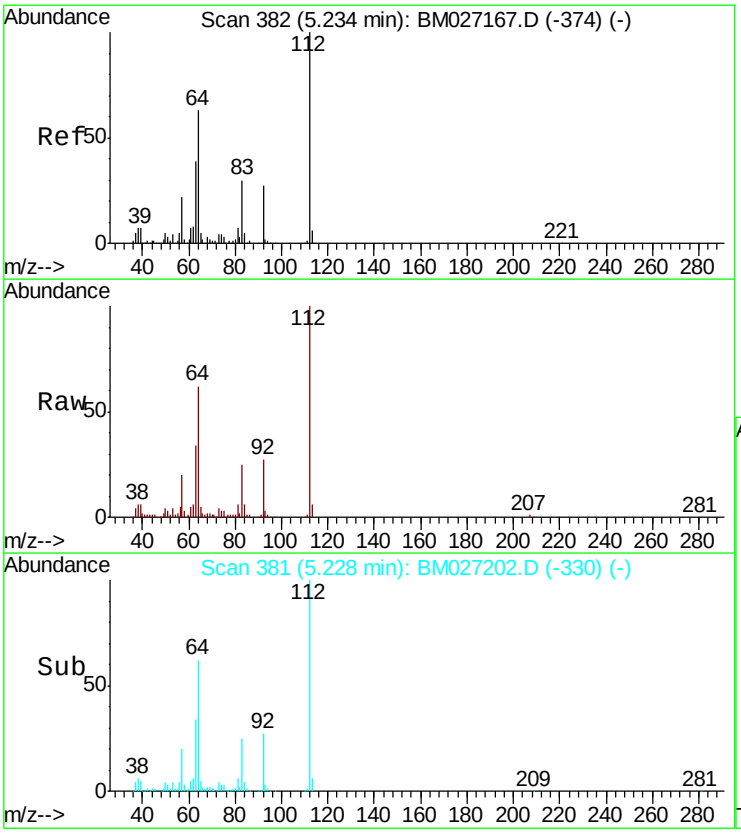
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:152 Resp: 216509

Ion	Ratio	Lower	Upper
152	100		
150	152.9	118.2	177.4
115	59.7	46.1	69.1

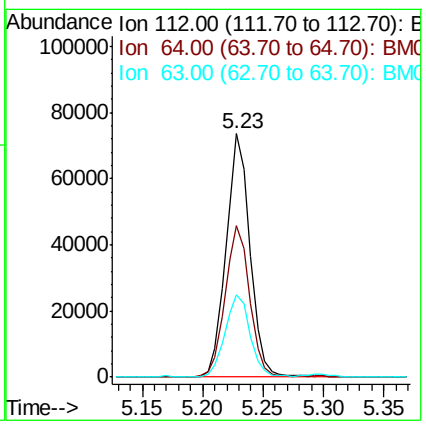


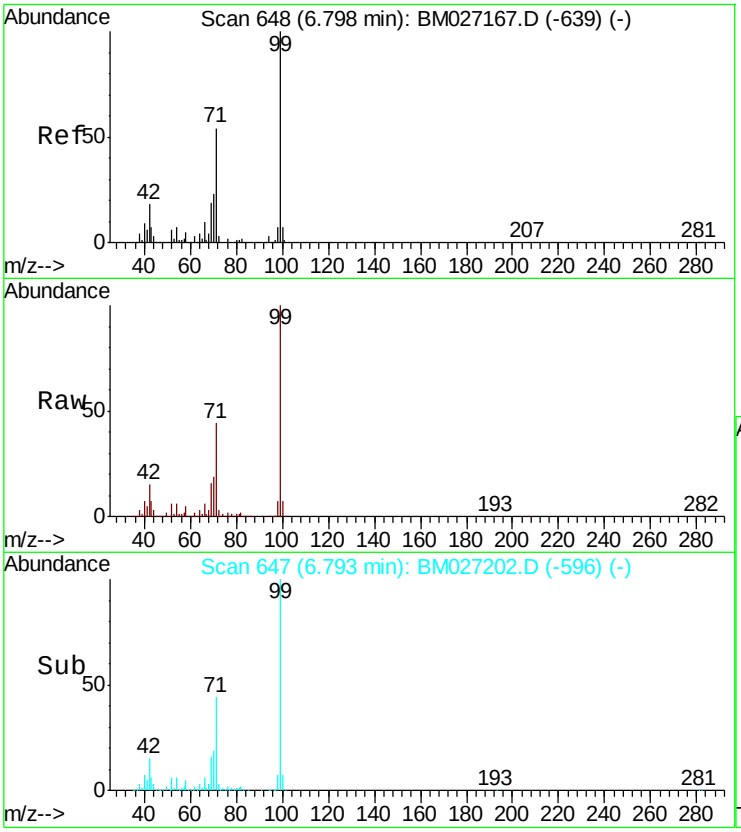


#5
2-Fluorophenol
Concen: 9.115 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:112 Resp: 101238

Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.0	75.0
63	33.8	31.6	47.4



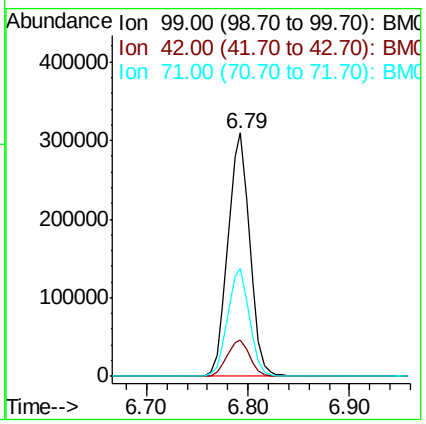


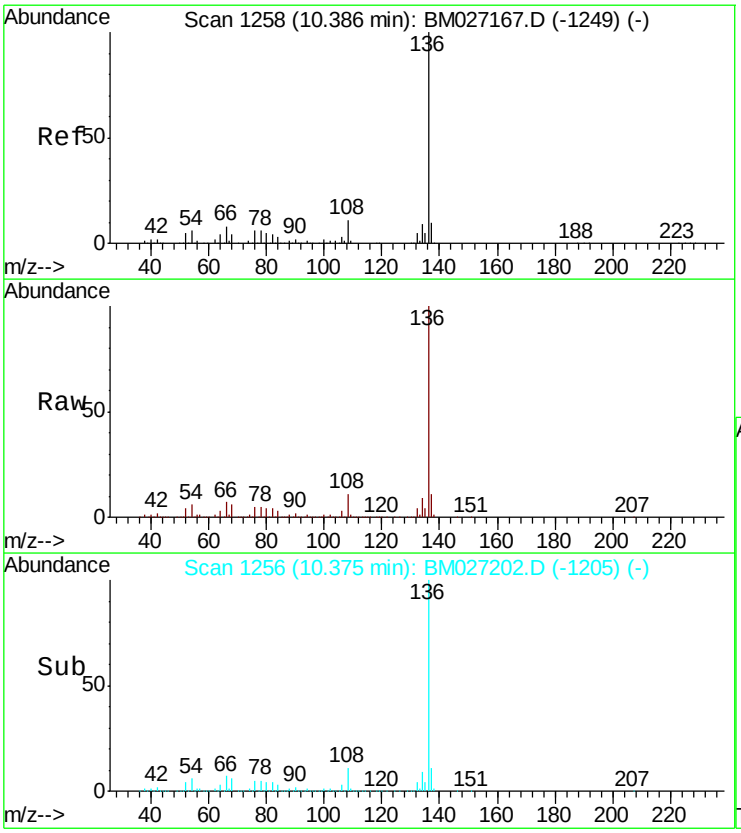
#7
Phenol-d6
Concen: 30.457 ng
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion: 99 Resp: 464429

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	44.1	43.0	64.4

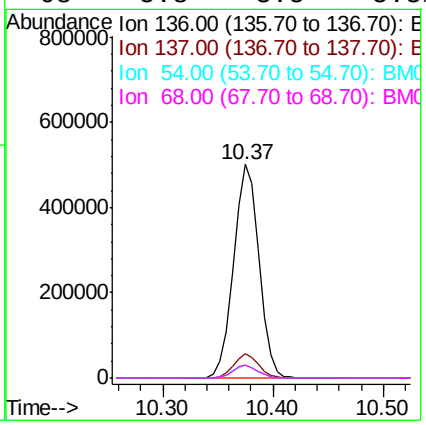


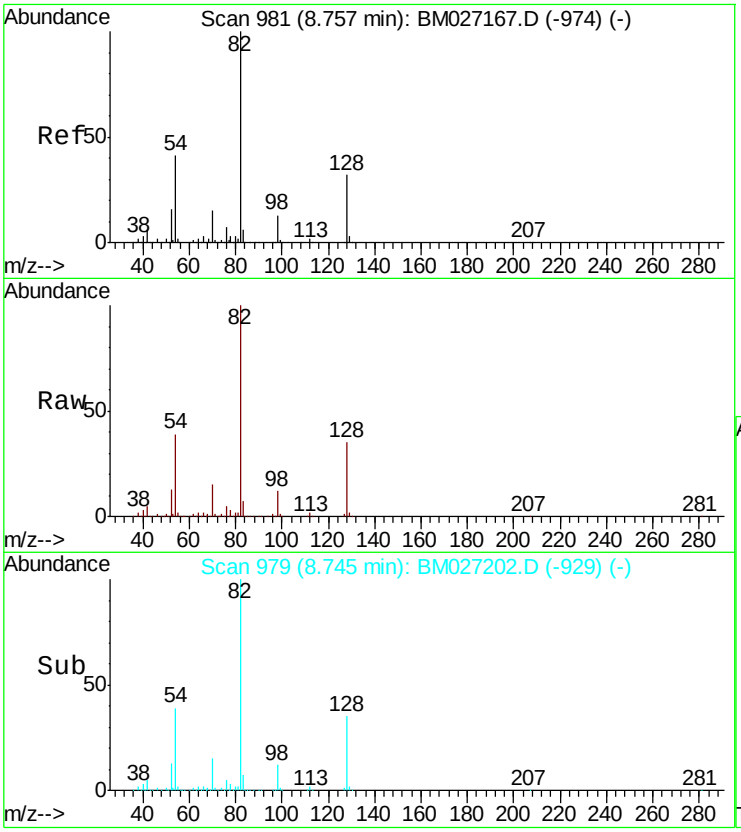


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:136 Resp: 809337

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	6.0	4.8	7.2
68	5.8	3.5	5.3#



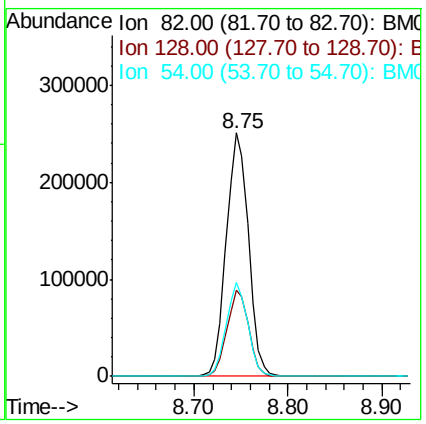


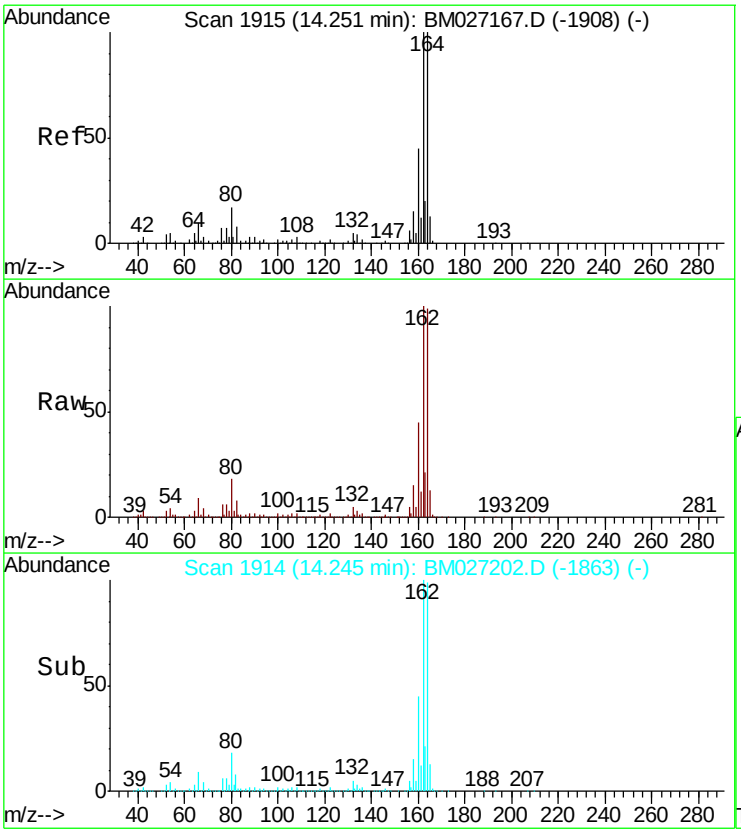
#23
Nitrobenzene-d5
Concen: 21.002 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion: 82 Resp: 411993

Ion	Ratio	Lower	Upper
82	100		
128	35.4	25.7	38.5
54	38.8	33.0	49.4

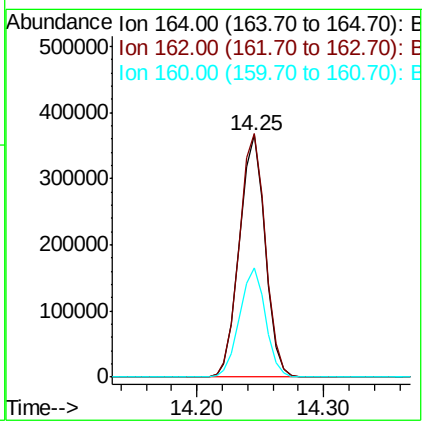


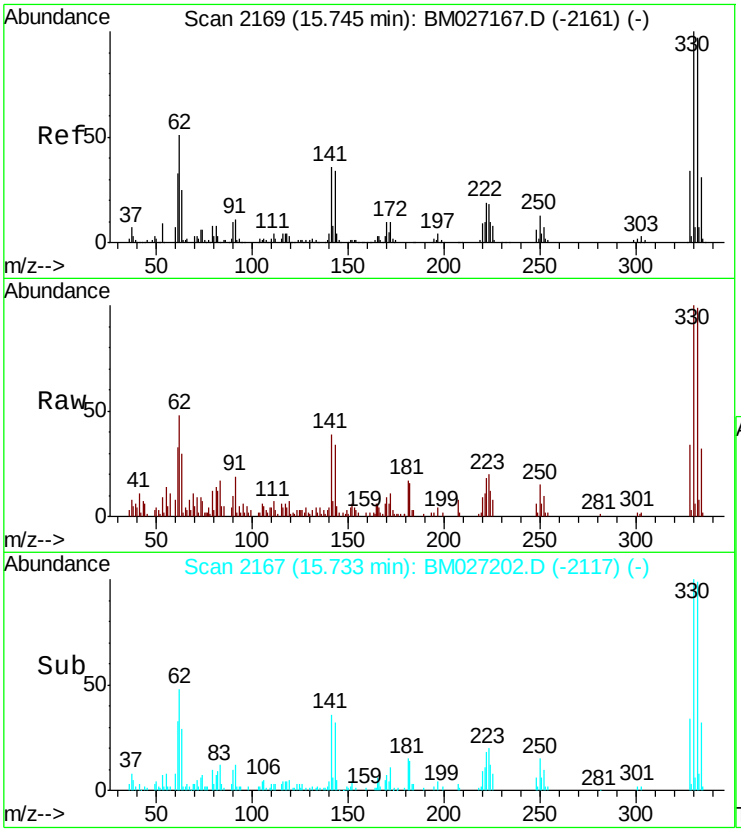


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:164 Resp: 513922

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.4
160	45.1	36.3	54.5



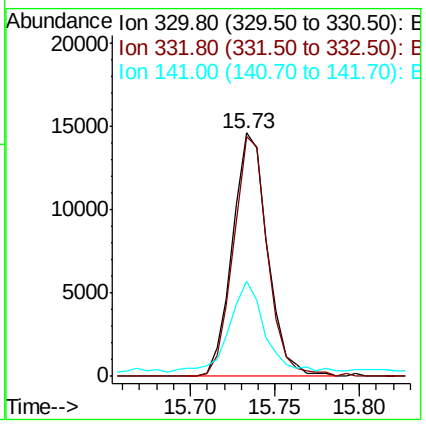


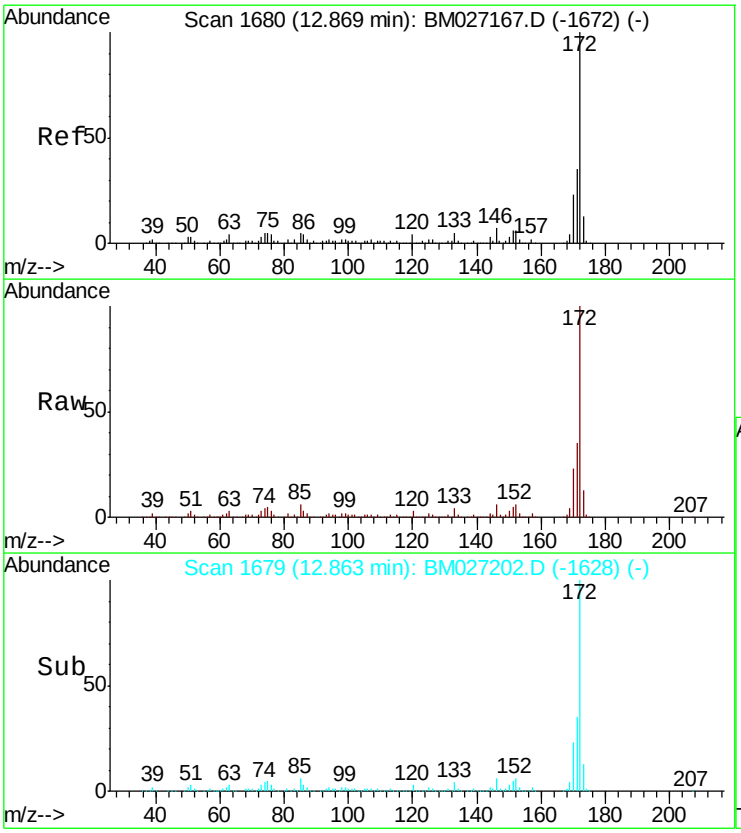
#42
2,4,6-Tribromophenol
Concen: 2.531 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:330 Resp: 21065

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	37.8	31.0	46.6

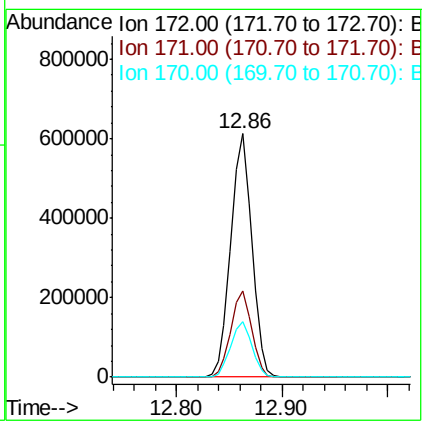


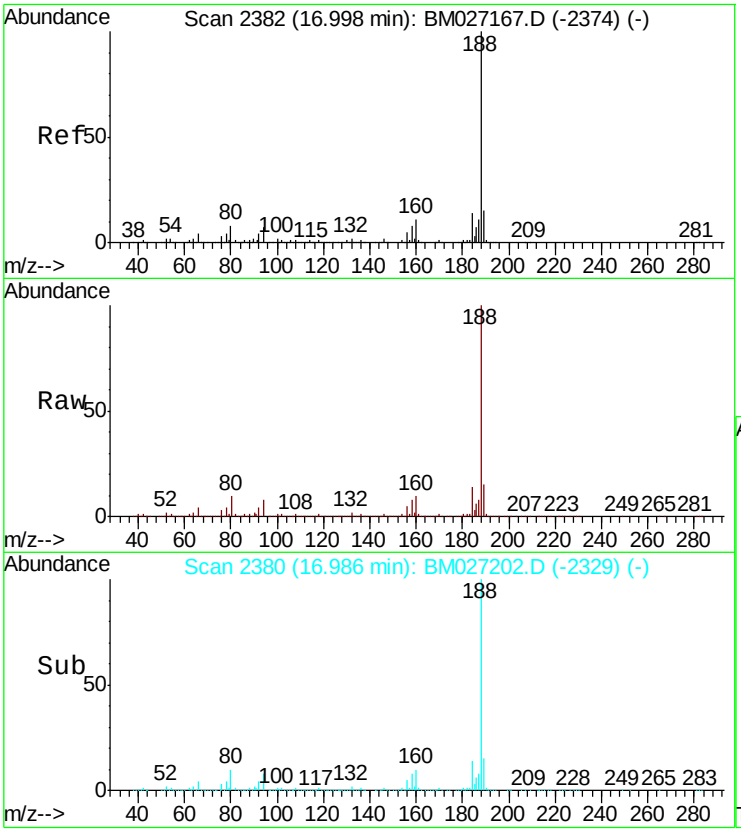


#45
2-Fluorobiphenyl
Concen: 21.533 ng
RT: 12.86 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:172 Resp: 842438

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.0	18.6	28.0



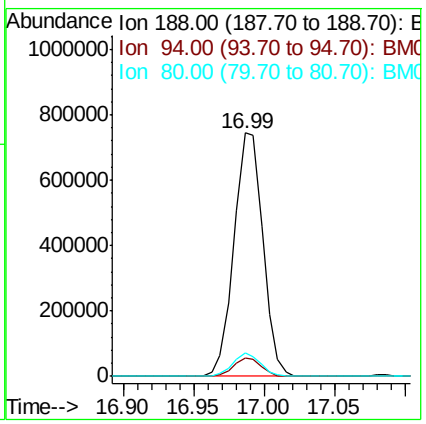


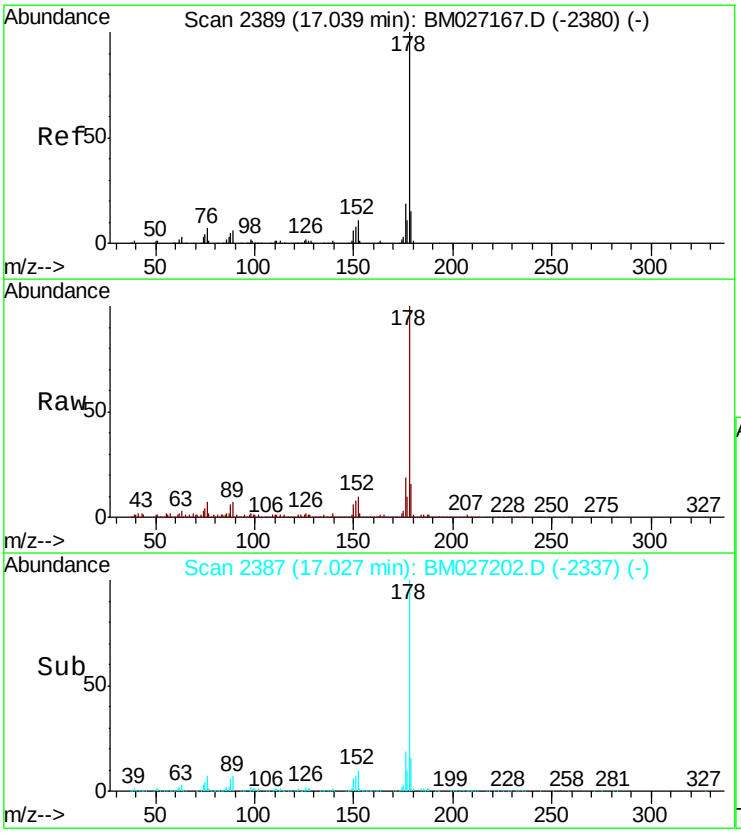
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:188 Resp: 1063241

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	9.8	6.2	9.4#

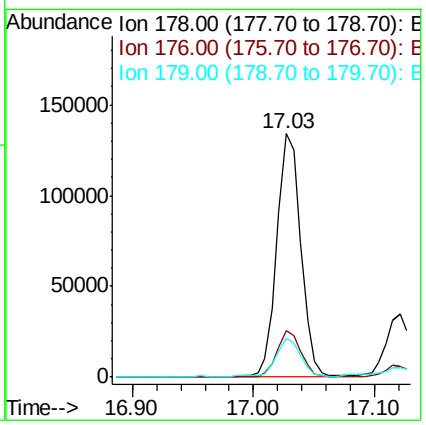


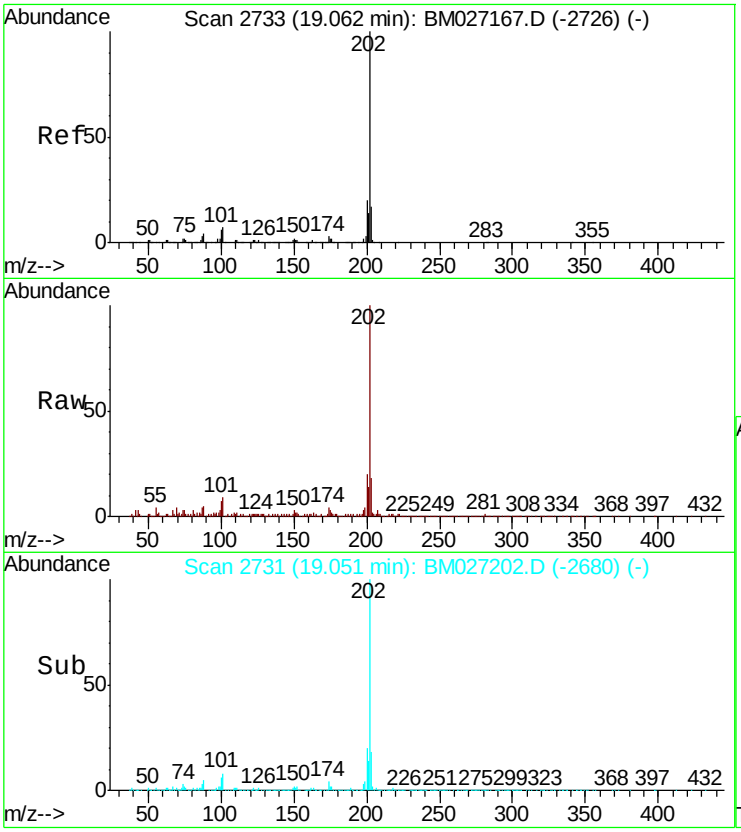


#71
Phenanthrene
Concen: 3.095 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:178 Resp: 182929

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.8	12.0	18.0



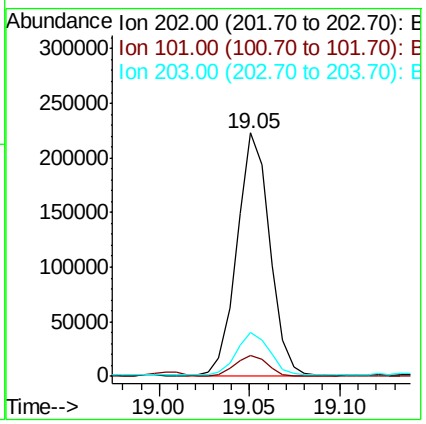


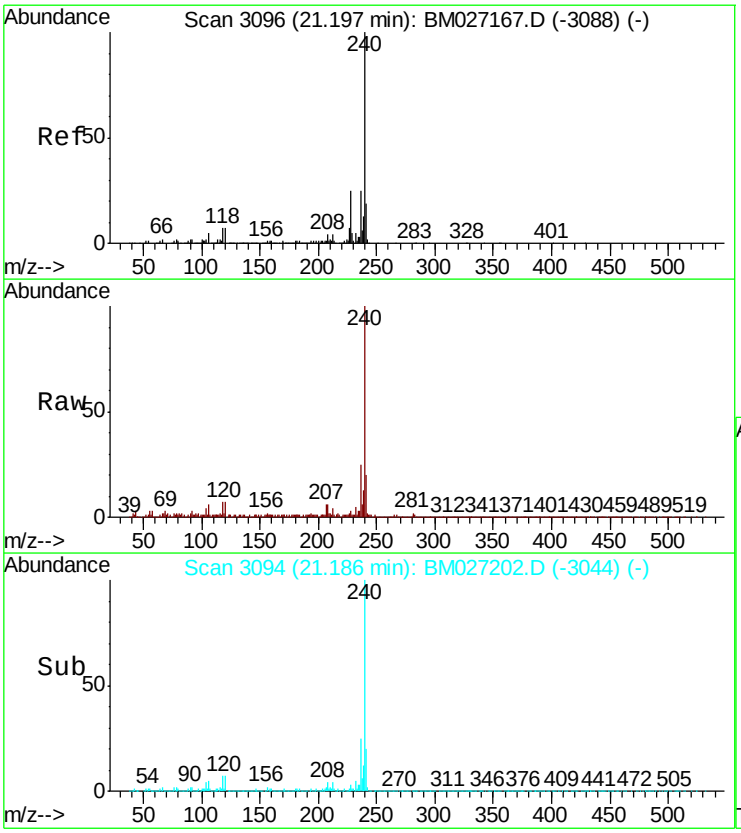
#75
Fluoranthene
Concen: 3.783 ng
RT: 19.05 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:202 Resp: 279332

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	27.2
203	18.2	0.0	37.1

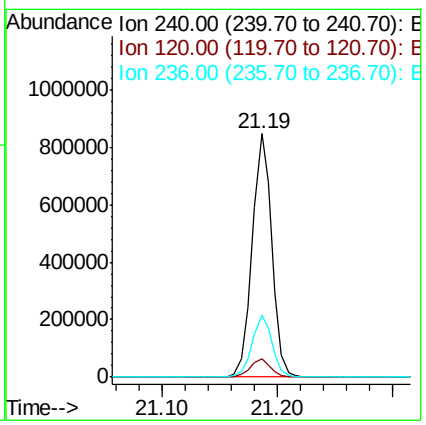


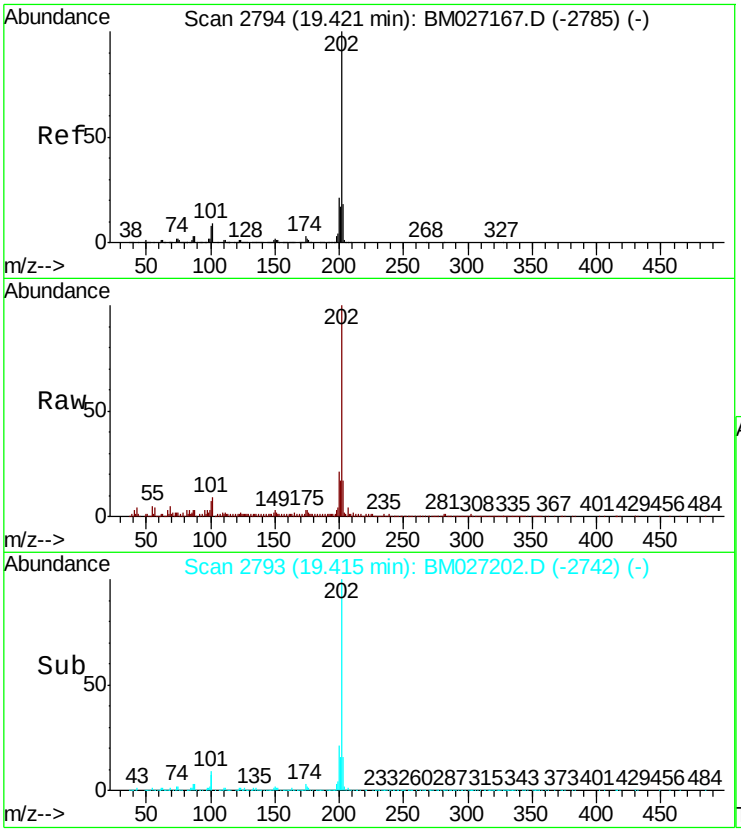


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:240 Resp: 999216

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	25.3	19.8	29.6



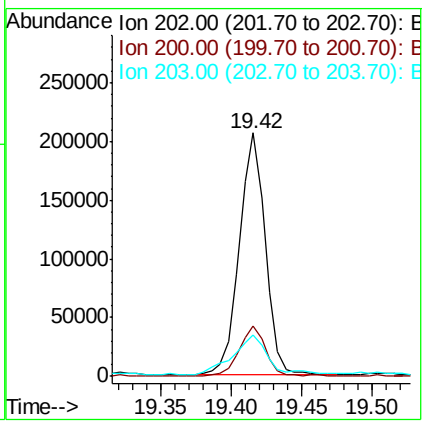


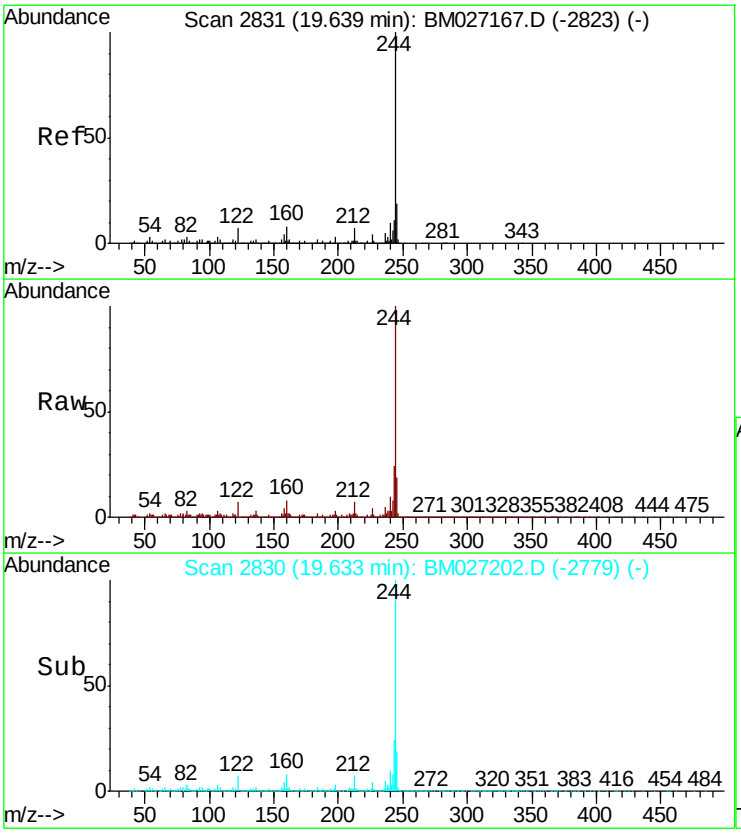
#78
Pyrene
Concen: 4.379 ng
RT: 19.42 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:202 Resp: 266232

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.1	14.0	21.0

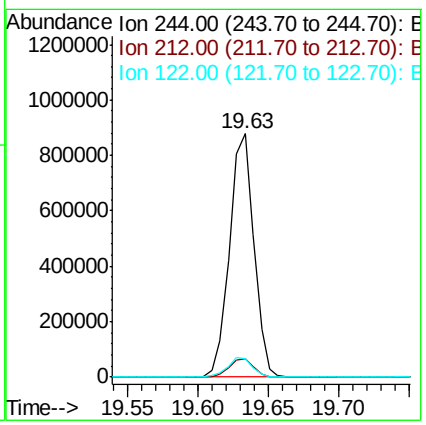


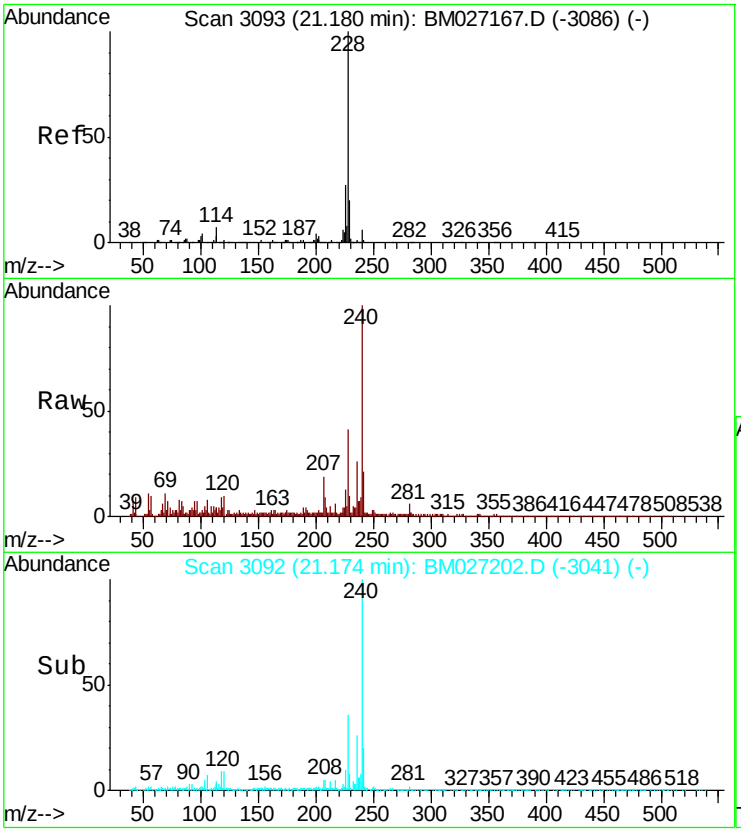


#79
Terphenyl-d14
Concen: 19.726 ng
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:244 Resp: 1055126

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.4	5.8	8.8



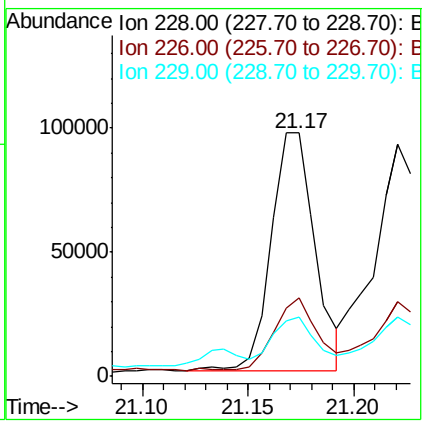


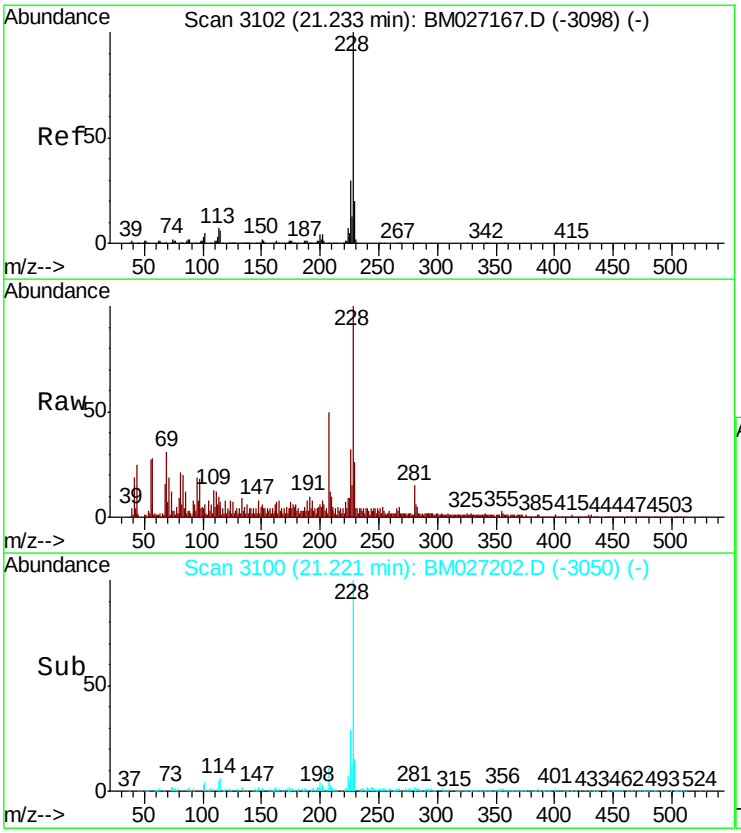
#81
Benzo(a)anthracene
Concen: 2.153 ng
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:228 Resp: 139393

Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.4	32.2
229	24.4	15.8	23.6#

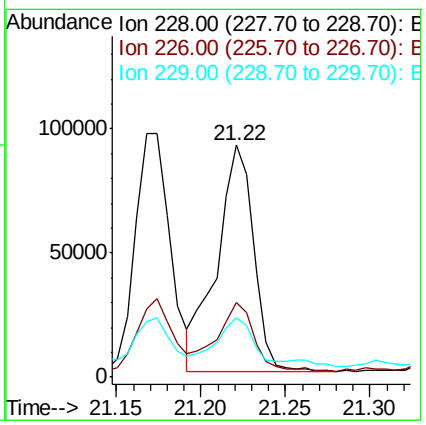


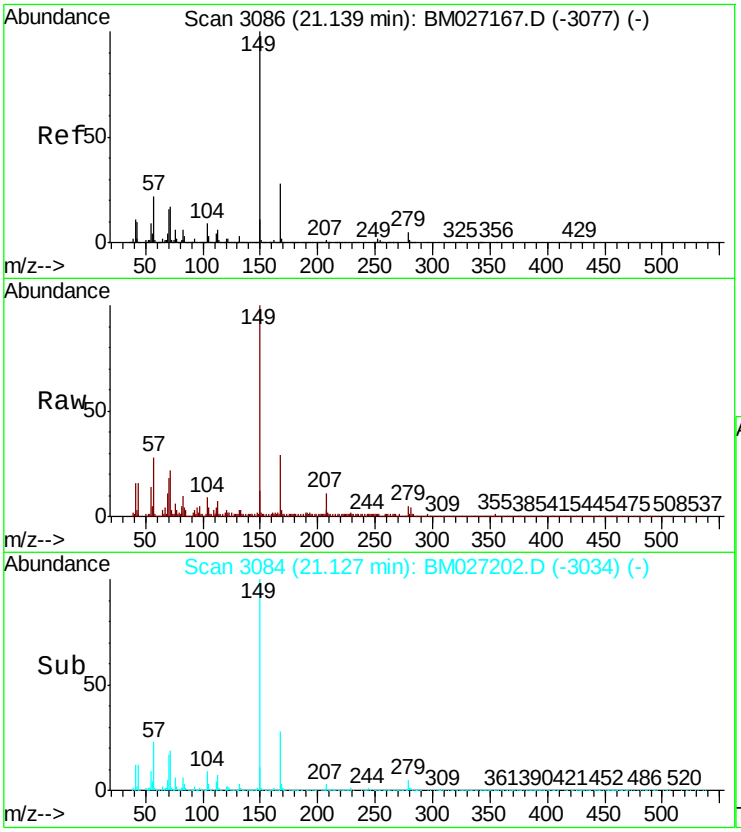


#83
Chrysene
Concen: 2.209 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:228 Resp: 138892

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.7	35.5
229	25.7	15.8	23.8#



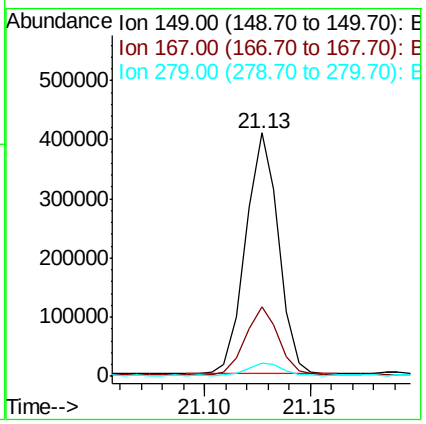


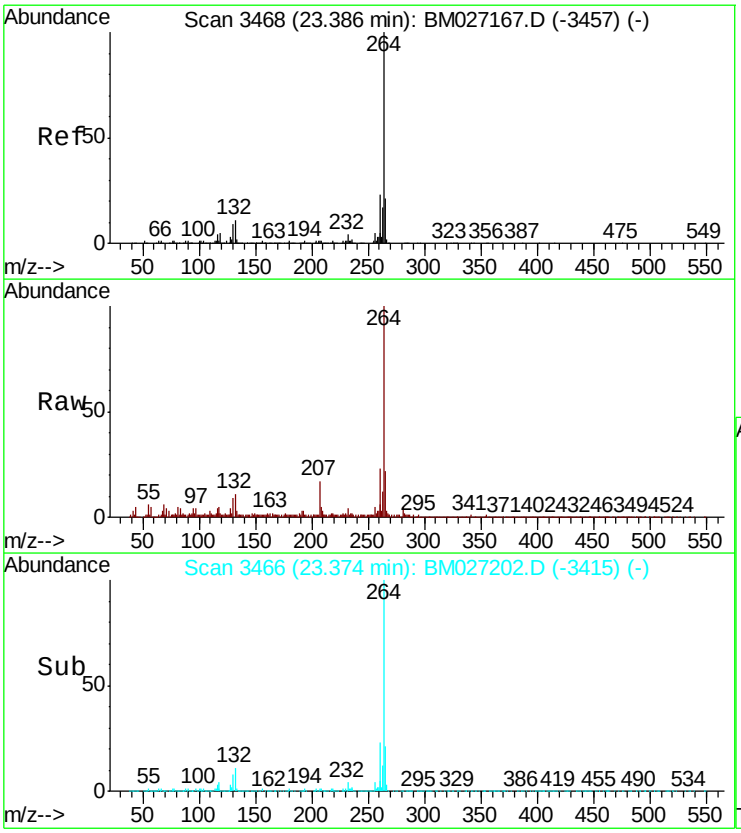
#84
Bis(2-ethylhexyl)phthalate
Concen: 13.861 ng
RT: 21.13 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:149 Resp: 438423

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.4	4.2	6.4

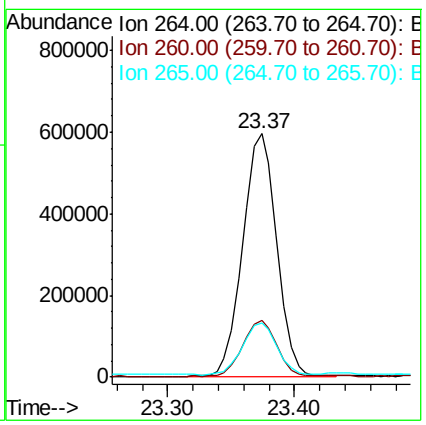


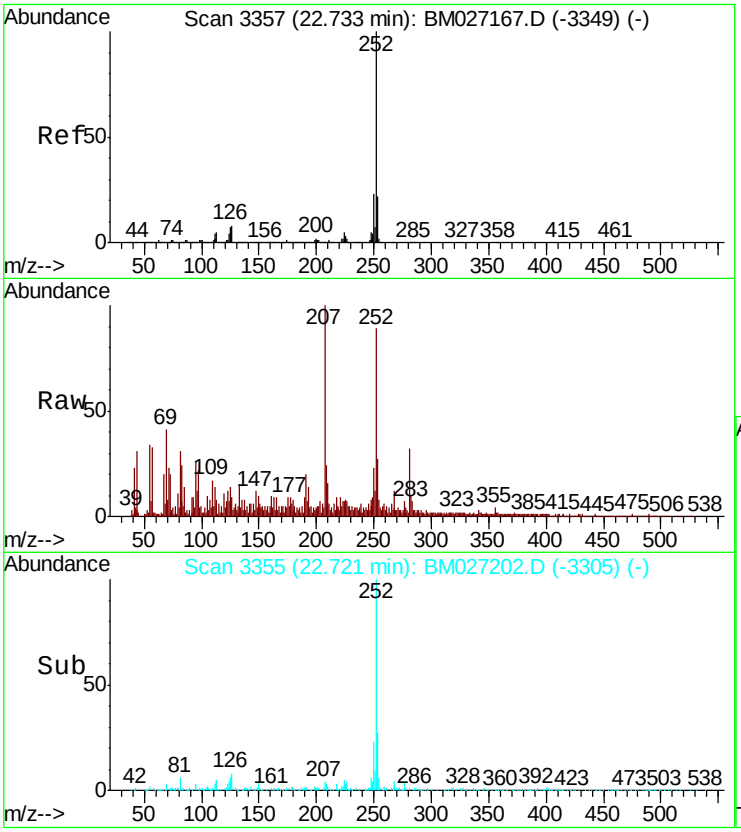


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion:264 Resp: 1104673

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.3	17.5	26.3





#88
Benzo(b)fluoranthene
Concen: 2.407 ng
RT: 22.72 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

Tgt Ion:252 Resp: 177325

Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.7	26.5#
125	16.2	5.4	8.0#