Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022441.D
Acq On : 30 Aug 2019 14:35
Operator : HP/JU
Sample : K4574-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S702B-N-1.0-1.5-082719-FD

Quant Time: Aug 30 15:45:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16678	20.00	ng		-0.01
21) Naphthalene-d8	10.30	136	53109	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	32134	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	72475	20.00	ng		0.00
76) Chrysene-d12	21.17	240	99489	20.00	ng		0.00
87) Perylene-d12	23.36	264	131282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	122441	128.87	ng		0.00
7) Phenol-d6	6.72	99	152014	119.64	ng		0.00
23) Nitrobenzene-d5	8.69	82	105746	87.21	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	114934	174.79	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	251903	88.81	ng		0.00
79) Terphenyl-d14	19.60	244	865282	114.78	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.66	163	16035	5.737	ng		98
75) Fluoranthene	19.03	202	22406	3.983	ng		96
78) Pyrene	19.39	202	20517	3.026	ng		96
81) Benzo(a)anthracene	21.15	228	16421	2.300	ng		96
83) Chrysene	21.21	228	15508	2.282	ng		97
88) Benzo(b)fluoranthene	22.71	252	25125	2.755	ng	#	84
90) Benzo(a)pyrene	23.26	252	18235	2.253	ng	#	90

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

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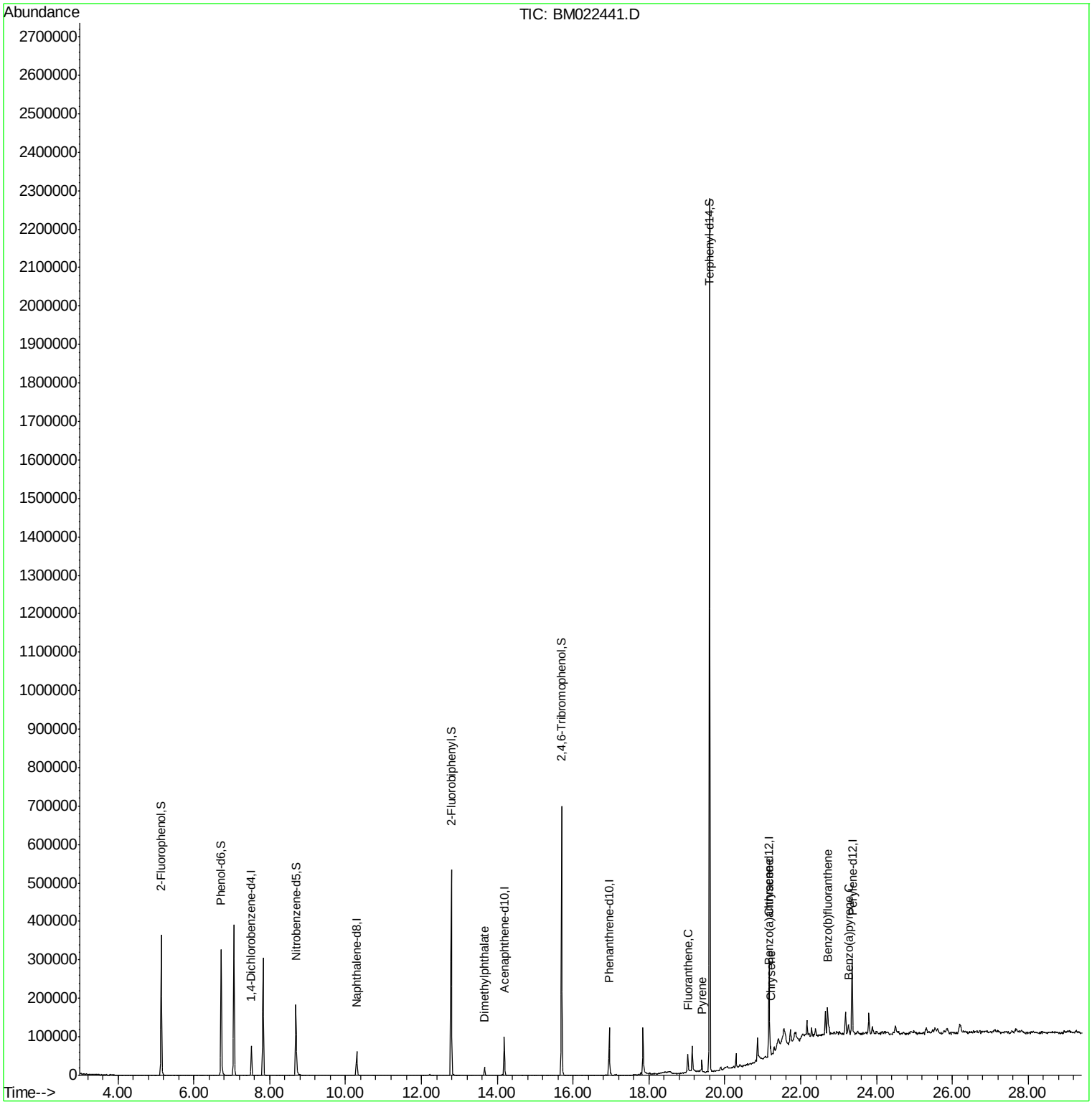
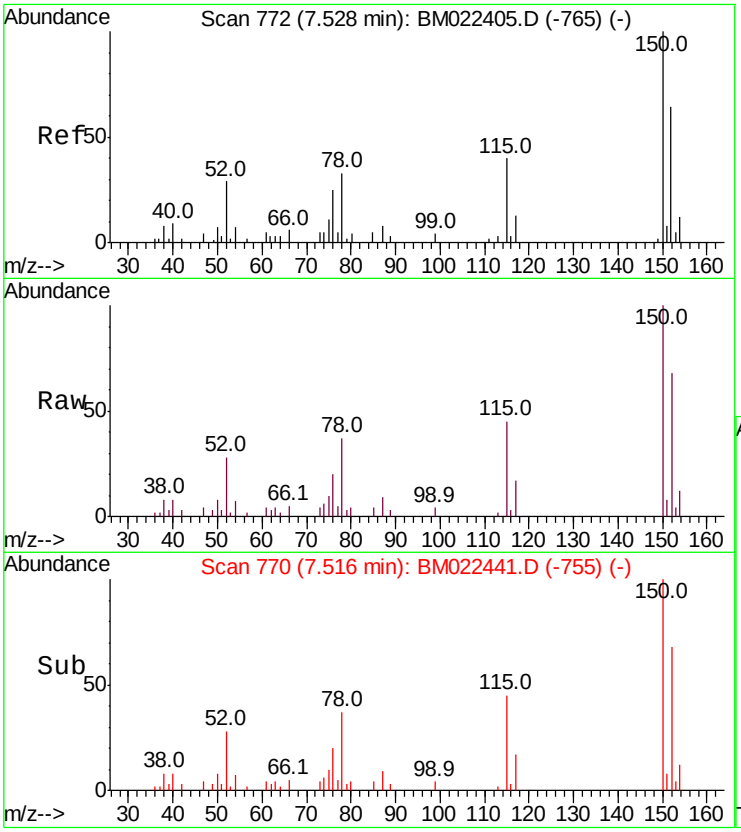


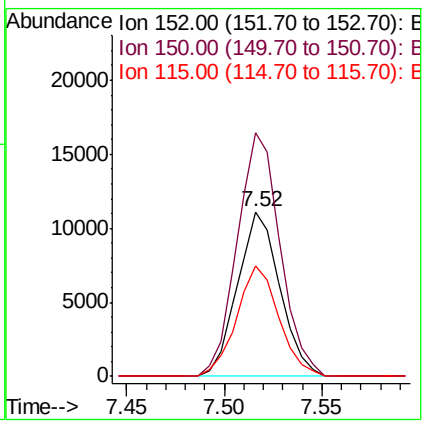


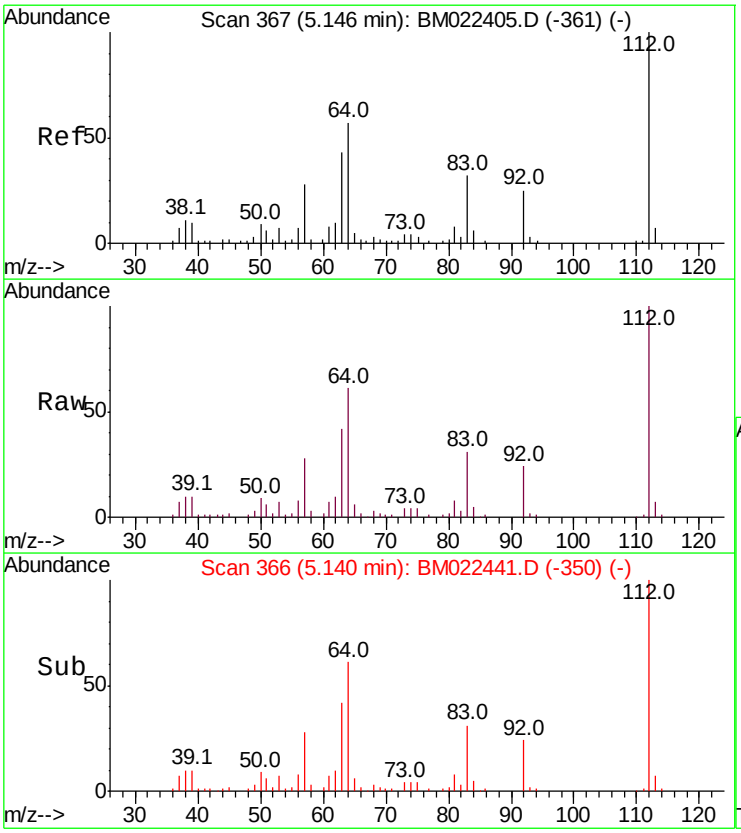
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:152 Resp: 16678

Ion	Ratio	Lower	Upper
152	100		
150	147.9	125.4	188.0
115	67.3	50.3	75.5

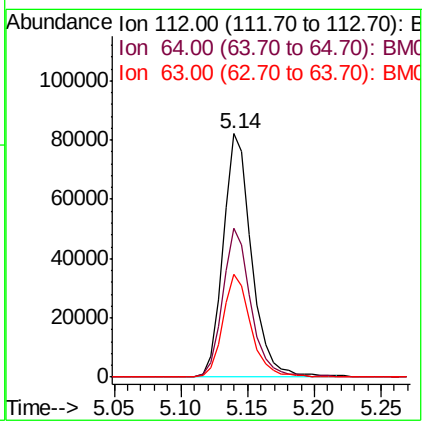


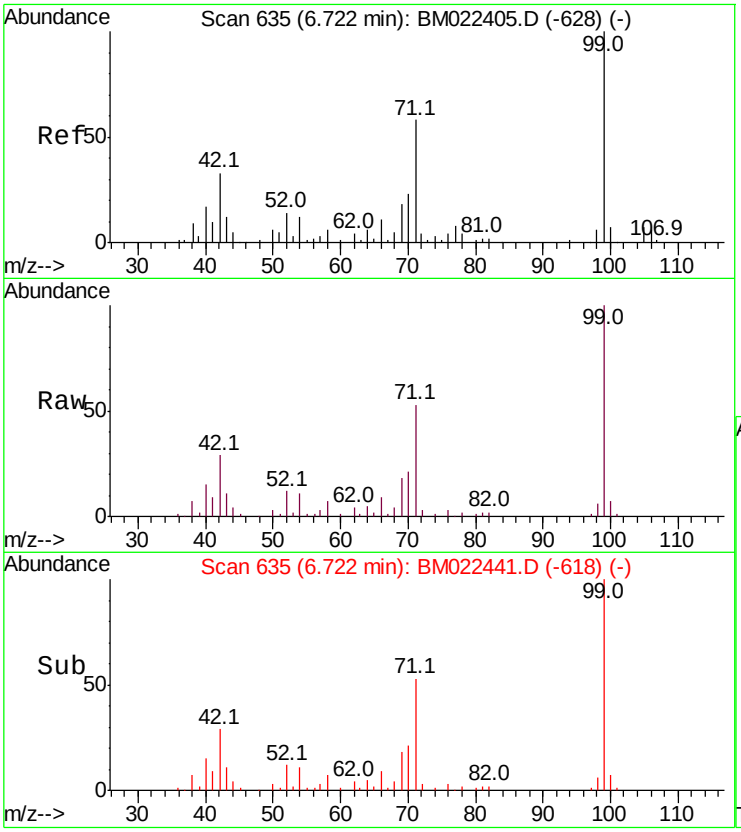


#5
2-Fluorophenol
Concen: 128.867 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:112 Resp: 122441

Ion	Ratio	Lower	Upper
112	100		
64	60.9	45.4	68.2
63	42.4	34.5	51.7



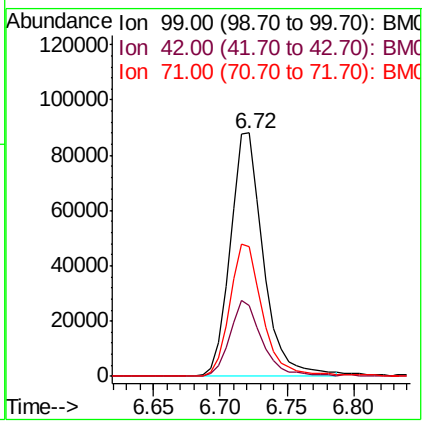


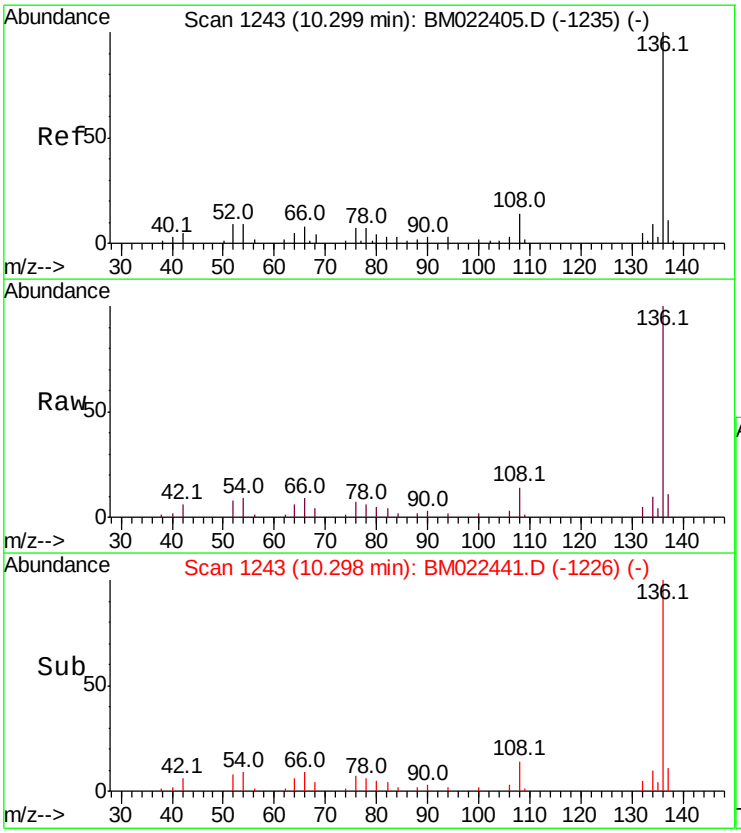
#7
Phenol-d6
Concen: 119.641 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion: 99 Resp: 152014

Ion	Ratio	Lower	Upper
99	100		
42	28.8	26.3	39.5
71	53.2	46.6	69.8

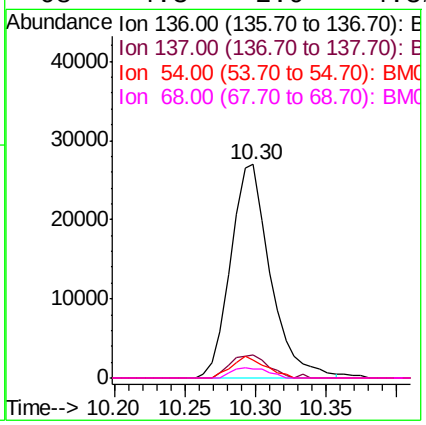


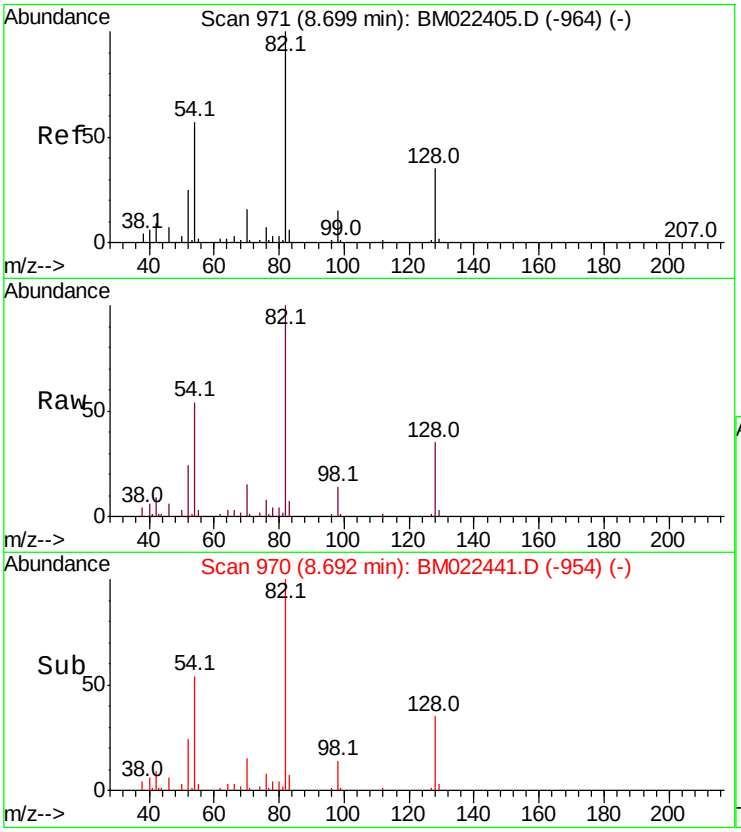


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:136 Resp: 53109

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	7.0	10.6
68	4.3	2.9	4.3#



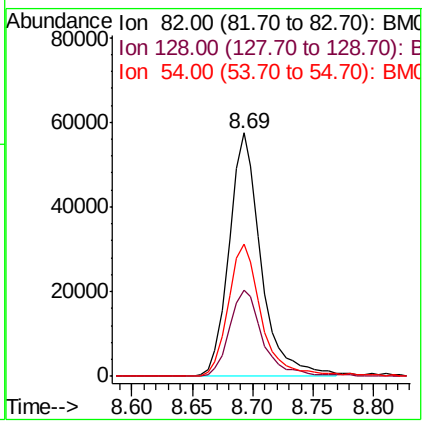


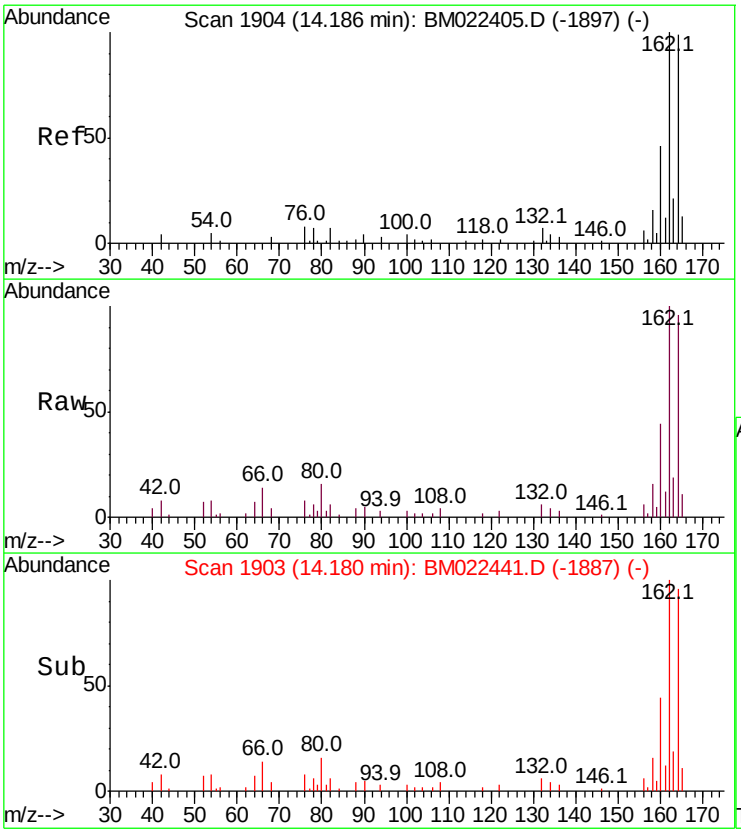
#23
Nitrobenzene-d5
Concen: 87.212 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion: 82 Resp: 105746

Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.9	41.9
54	54.5	45.2	67.8

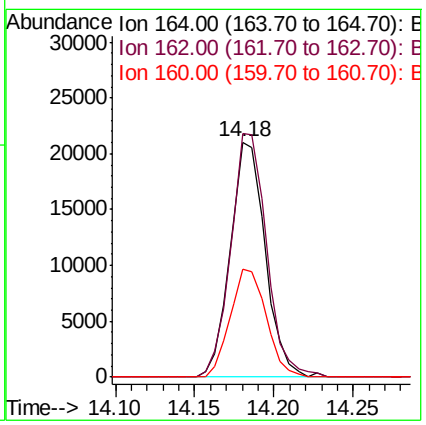


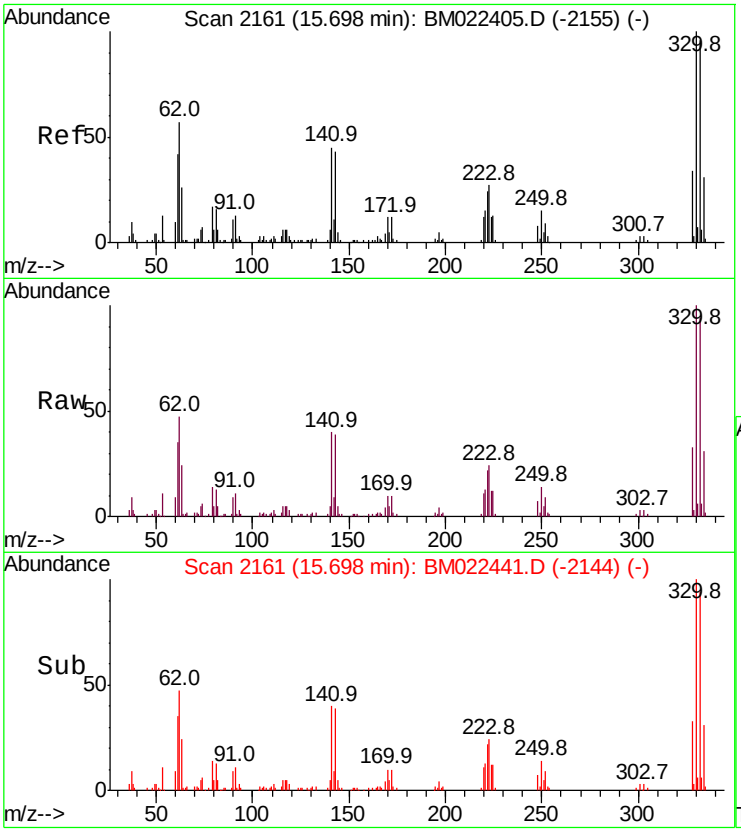


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:164 Resp: 32134

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	121.0
160	45.8	37.3	55.9



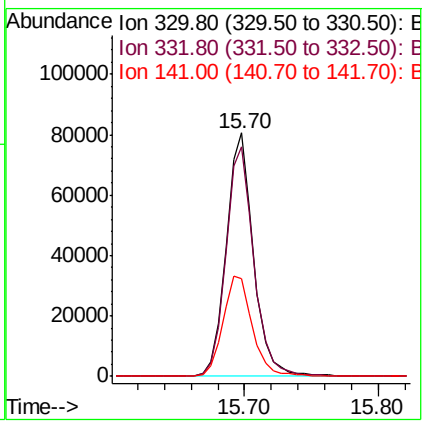


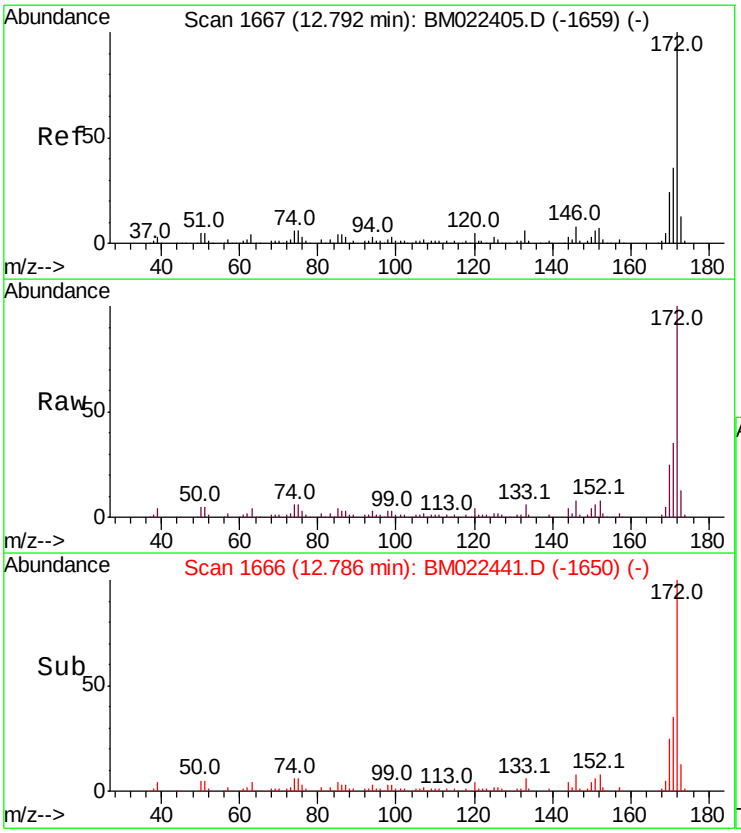
#42
2,4,6-Tribromophenol
Concen: 174.791 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:330 Resp: 114934

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	44.2	35.6	53.4

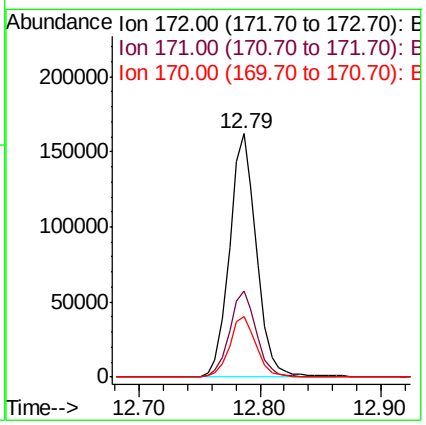


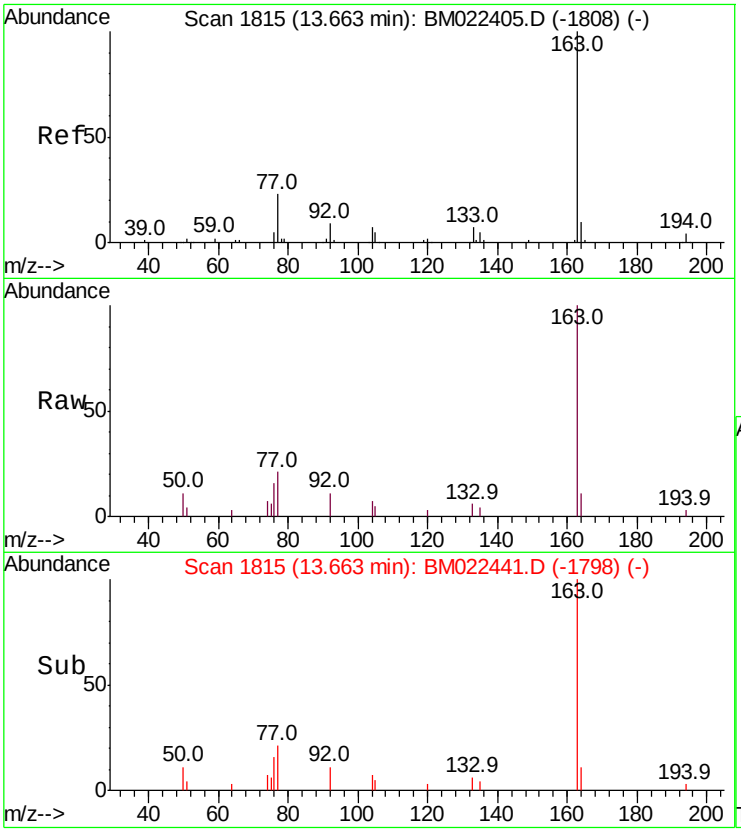


#45
2-Fluorobiphenyl
Concen: 88.805 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:172 Resp: 251903

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.9	18.9	28.3



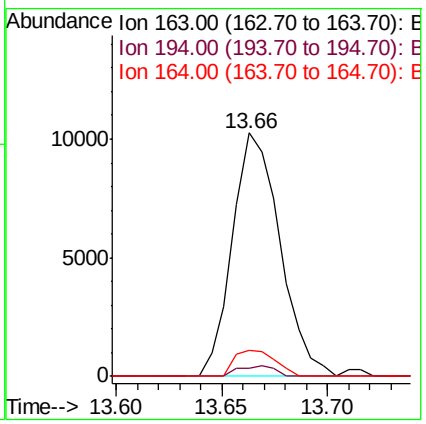


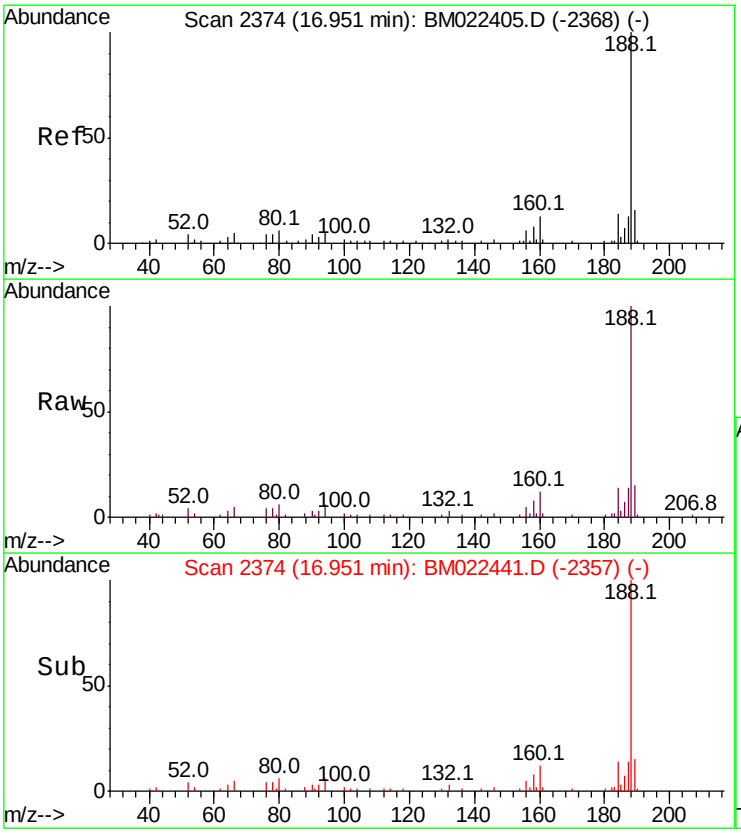
#50
Dimethylphthalate
Concen: 5.737 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:163 Resp: 16035

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.2
164	10.9	8.2	12.2

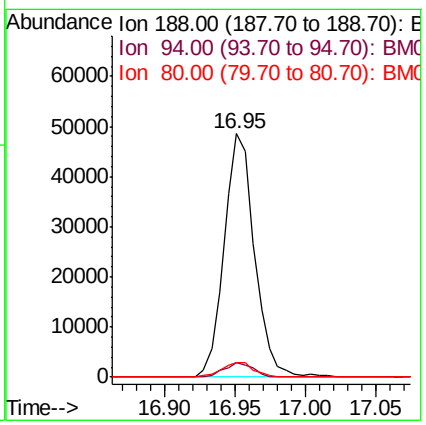


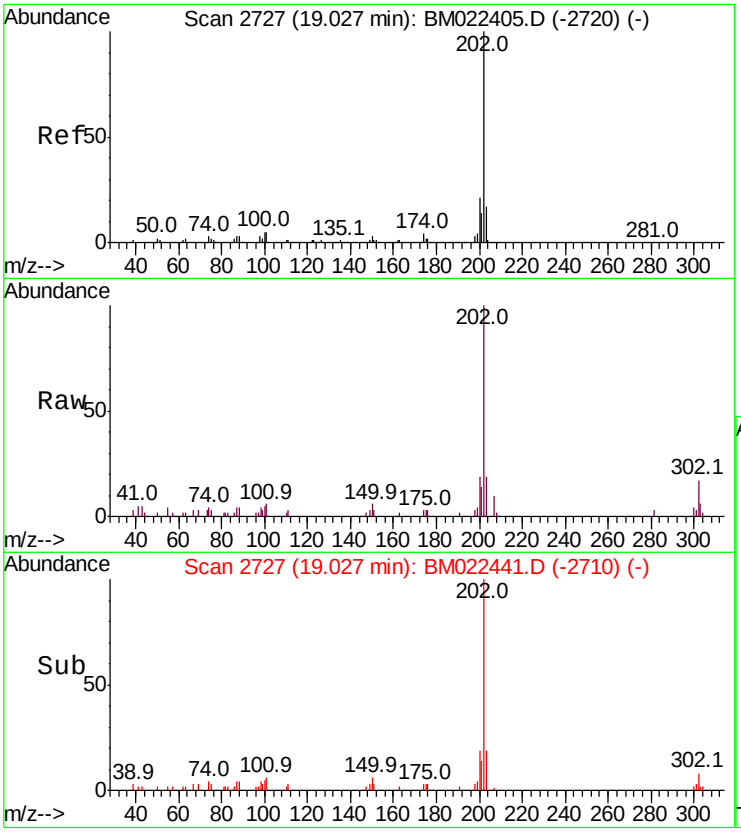


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:188 Resp: 72475

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.4	6.6
80	5.9	5.0	7.6



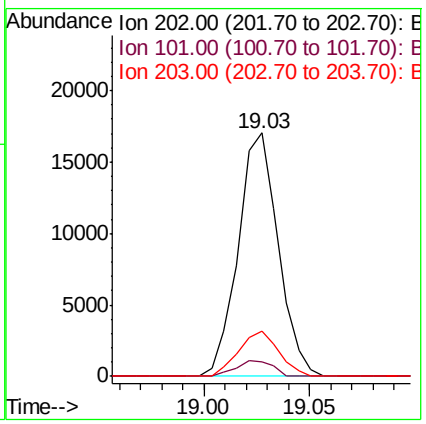


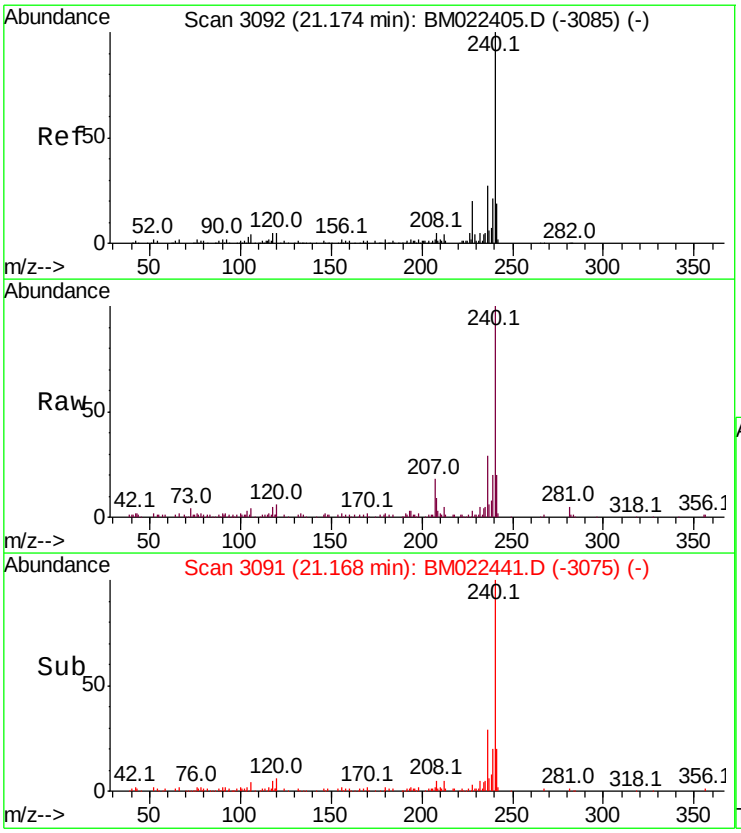
#75
Fluoranthene
Concen: 3.983 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:202 Resp: 22406

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	25.1
203	18.8	0.0	37.1

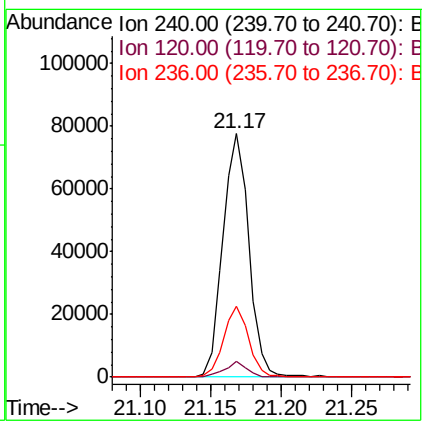


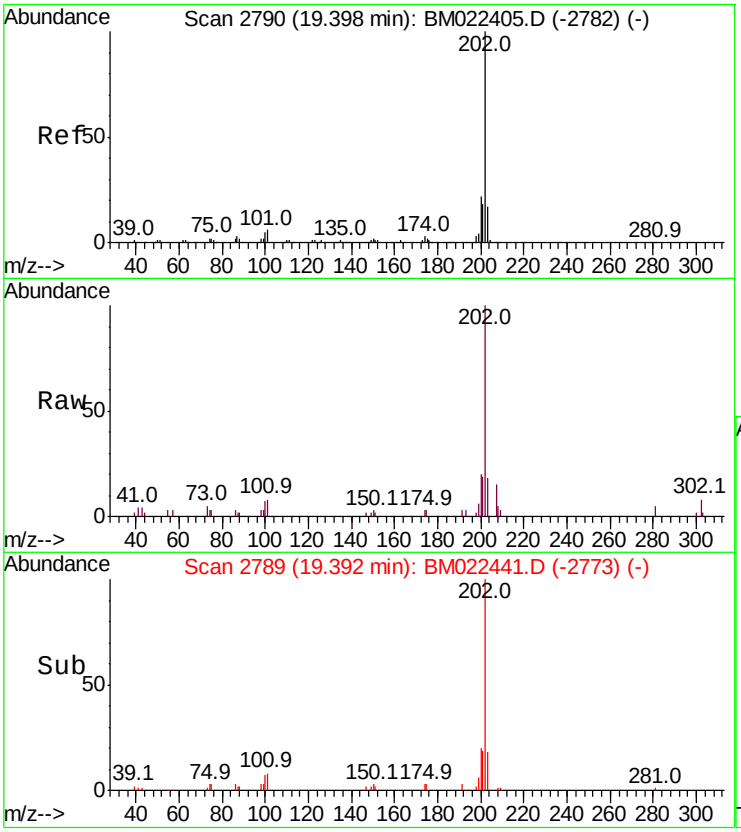


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:240 Resp: 99489

Ion	Ratio	Lower	Upper
240	100		
120	6.3	3.9	5.9#
236	29.2	21.4	32.2



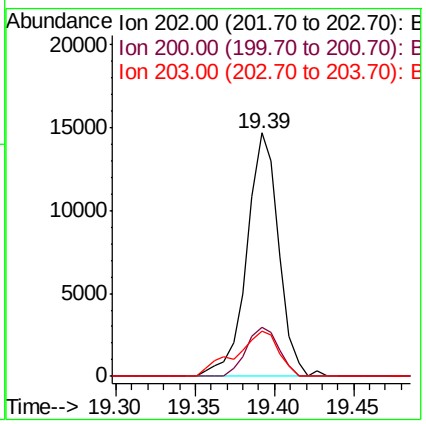


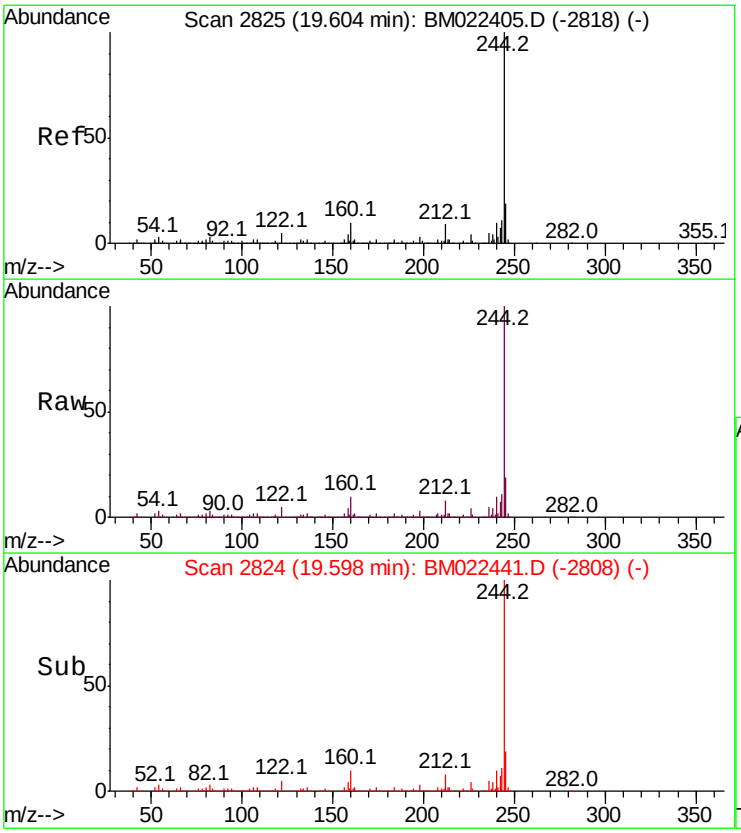
#78
Pyrene
Concen: 3.026 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:202 Resp: 20517

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.7	26.5
203	18.4	13.8	20.8

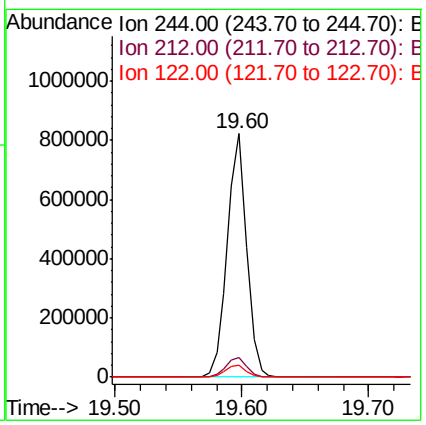


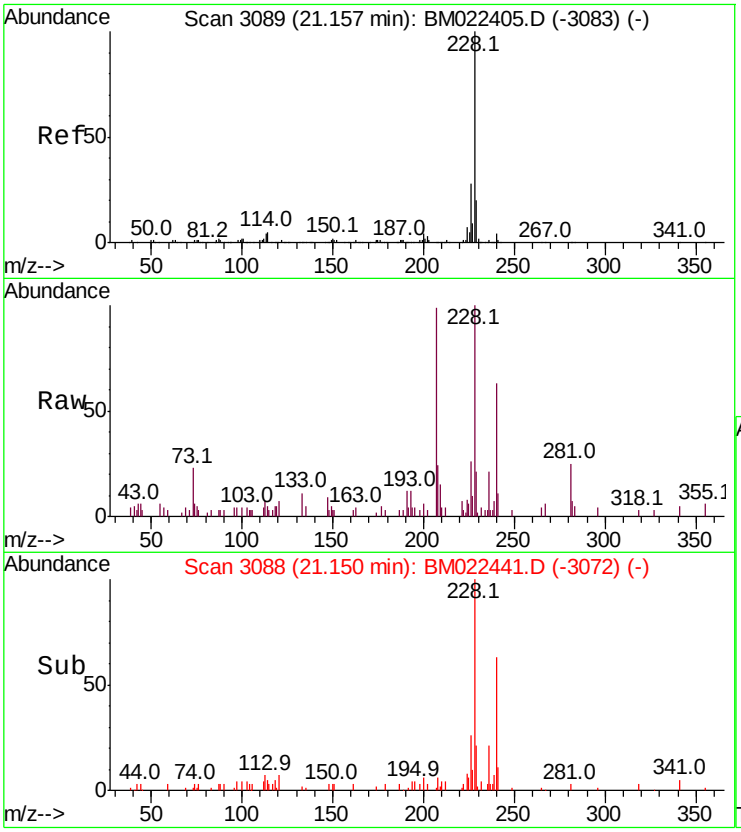


#79
Terphenyl-d14
Concen: 114.782 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:244 Resp: 865282

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	4.9	3.9	5.9



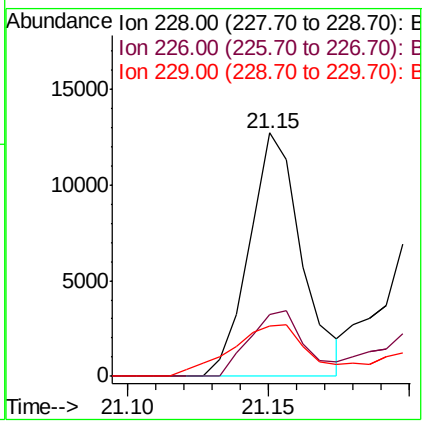


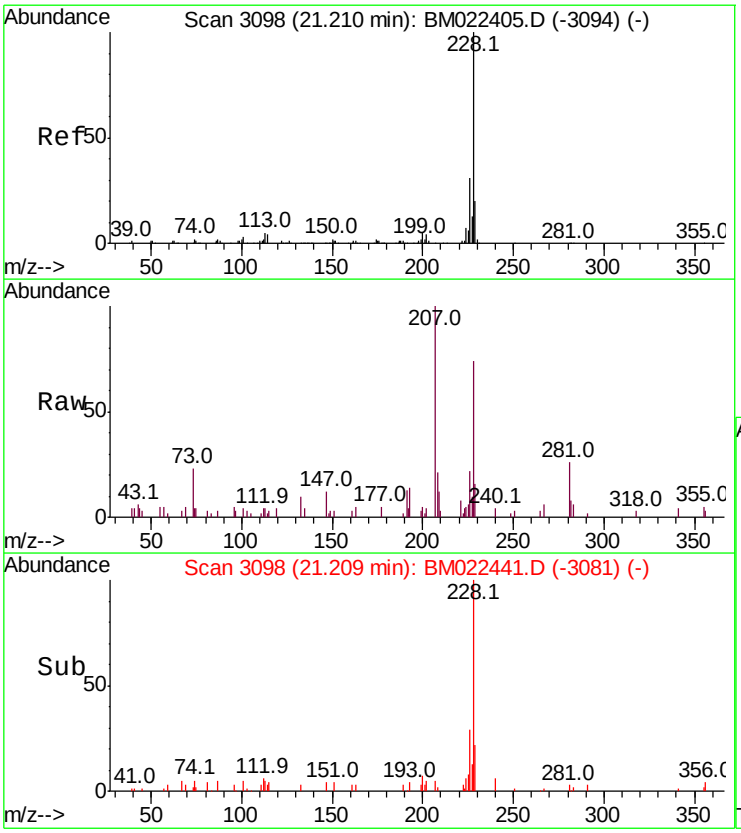
#81
Benzo(a)anthracene
Concen: 2.300 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:228 Resp: 16421

Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.6	34.0
229	20.7	15.9	23.9

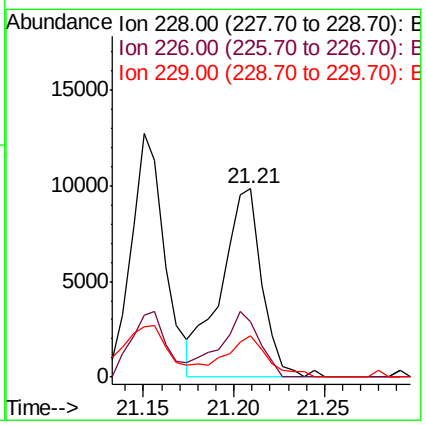


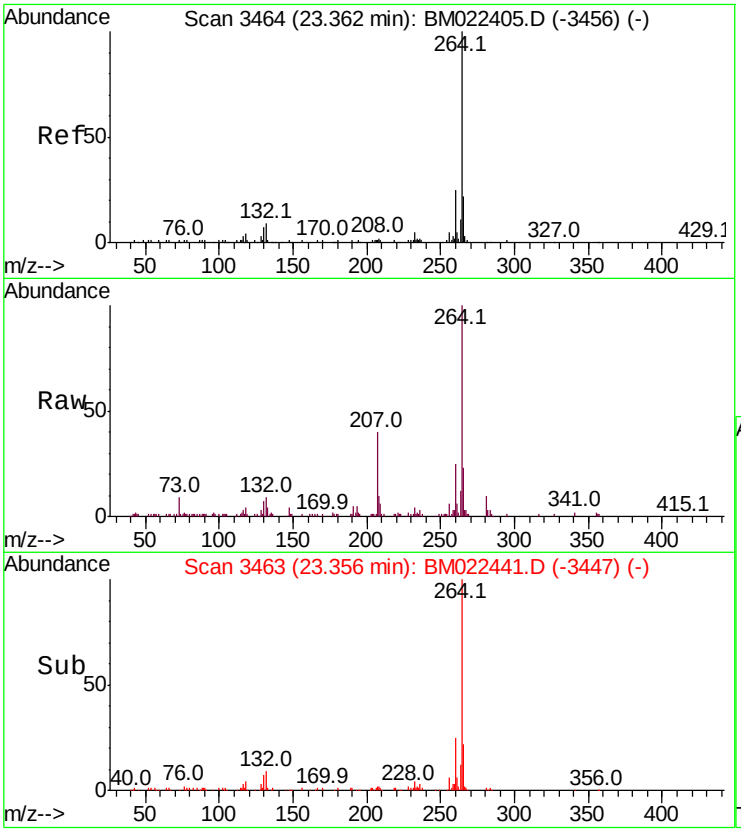


#83
Chrysene
Concen: 2.282 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:228 Resp: 15508

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.5	36.7
229	22.1	15.7	23.5



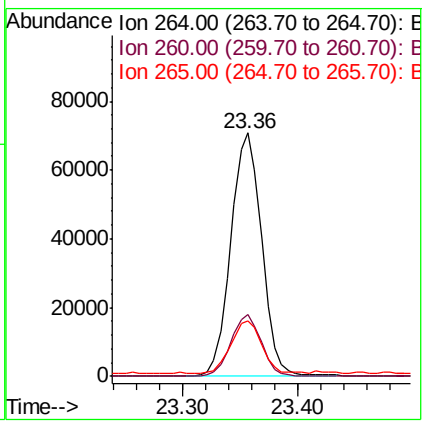


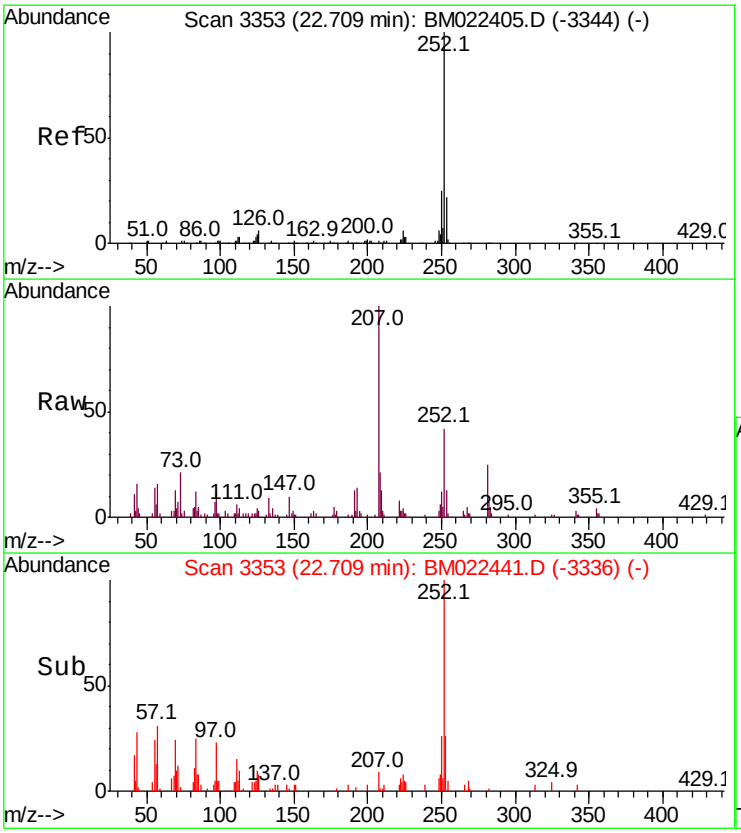
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:264 Resp: 131282

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	22.6	18.2	27.2

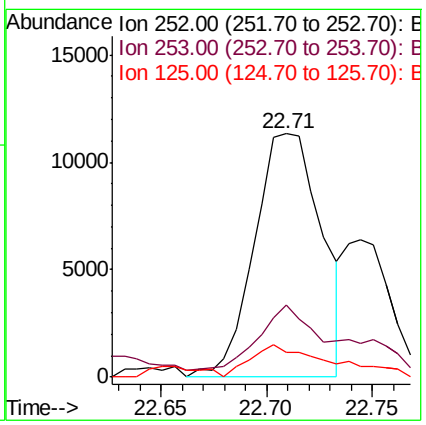


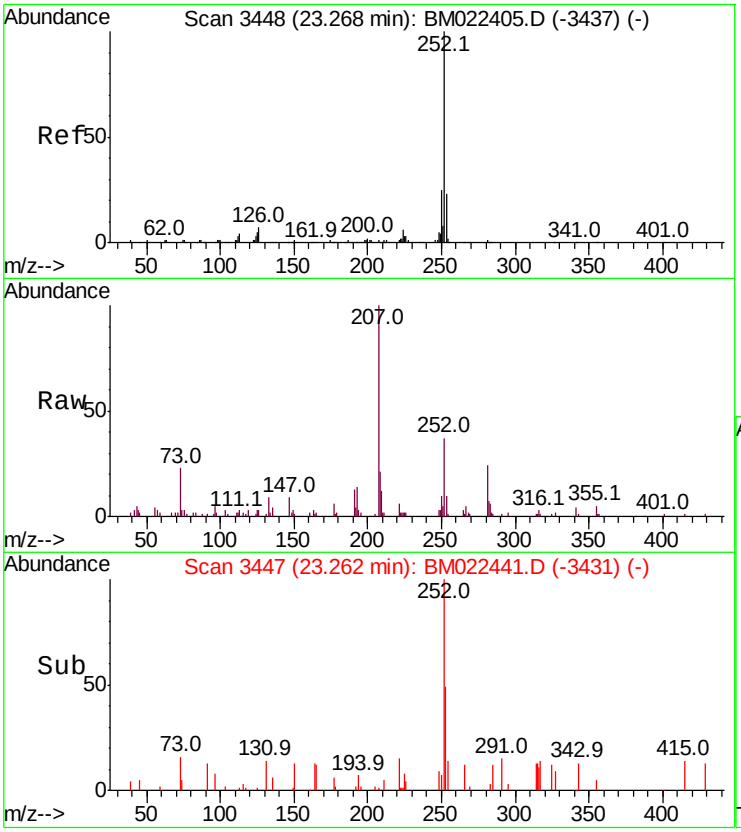


#88
Benzo(b)fluoranthene
Concen: 2.755 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:252 Resp: 25125

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.9	26.9#
125	10.4	3.5	5.3#





#90
Benzo(a)pyrene
Concen: 2.253 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :
S702B-N-1.0-1.5-082719-FD

Tgt Ion:252 Resp: 18235

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	7.0	3.8	5.8#