Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011322\
Data File : BM033715.D
Acq On : 13 Jan 2022 14:12
Operator : CG/JU
Sample : N1097-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2D

Quant Time: Jan 13 15:10:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	183684	20.000	ng		0.00
21) Naphthalene-d8	10.784	136	788325	20.000	ng	#	0.00
39) Acenaphthene-d10	14.607	164	492868	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	872202	20.000	ng		0.00
76) Chrysene-d12	21.500	240	680849	20.000	ng		0.00
86) Perylene-d12	23.924	264	733397	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	1087795	93.400	ng		0.00
7) Phenol-d6	7.125	99	1430602	91.139	ng		0.00
23) Nitrobenzene-d5	9.131	82	961827	56.347	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	528862	102.734	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2115498	56.219	ng		0.00
79) Terphenyl-d14	19.954	244	2082002	55.043	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.383	178	316226	6.336	ng		99
75) Fluoranthene	19.389	202	325575	6.214	ng		99
78) Pyrene	19.748	202	310214	6.471	ng		98
81) Benzo(a)anthracene	21.489	228	162178	3.513	ng		97
83) Chrysene	21.542	228	142460	3.224	ng		98
88) Benzo(b)fluoranthene	23.189	252	173097	3.702	ng	#	96
90) Benzo(a)pyrene	23.812	252	128332	3.307	ng		95

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

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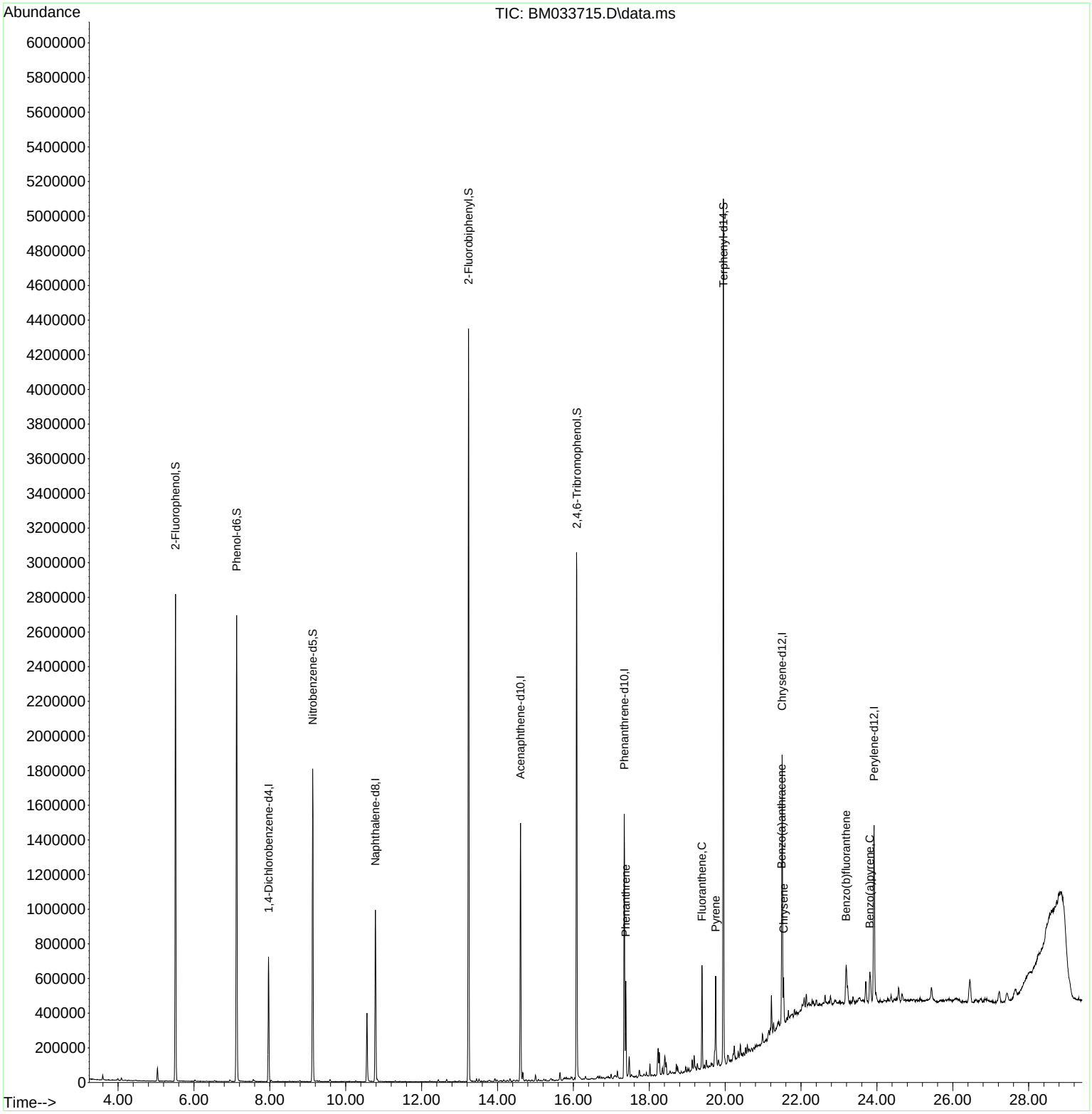
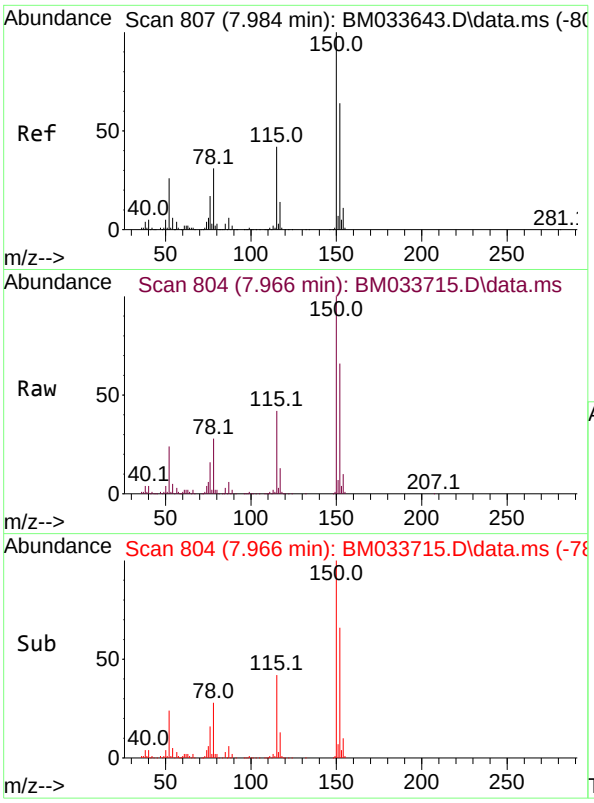


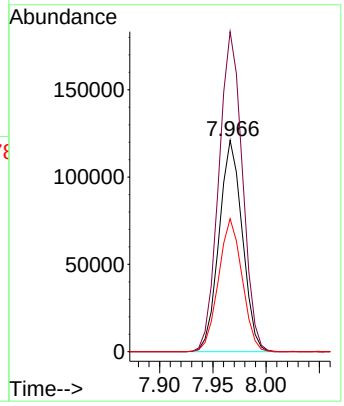


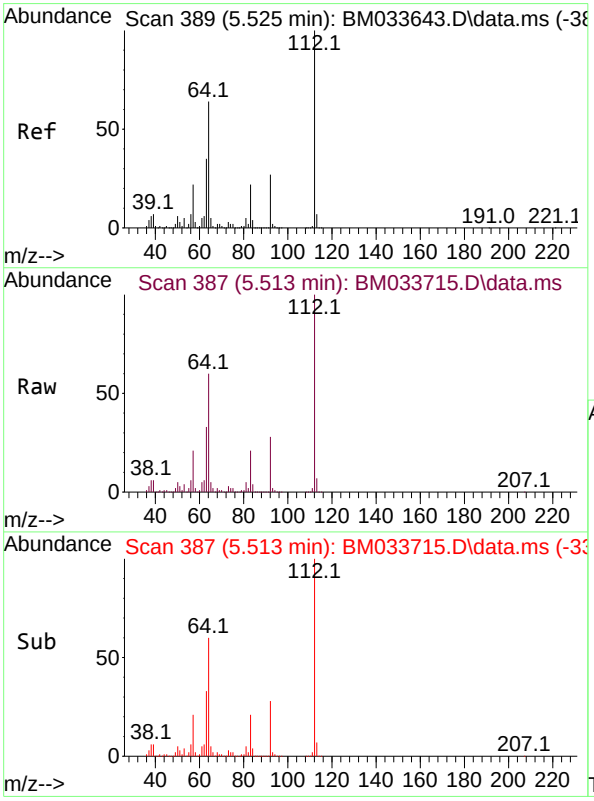
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:152 Resp: 183684

Ion	Ratio	Lower	Upper
152	100		
150	151.4	128.9	193.3
115	62.9	53.0	79.6

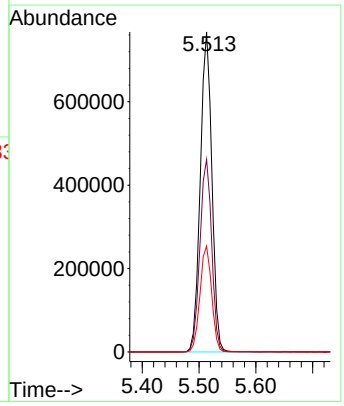


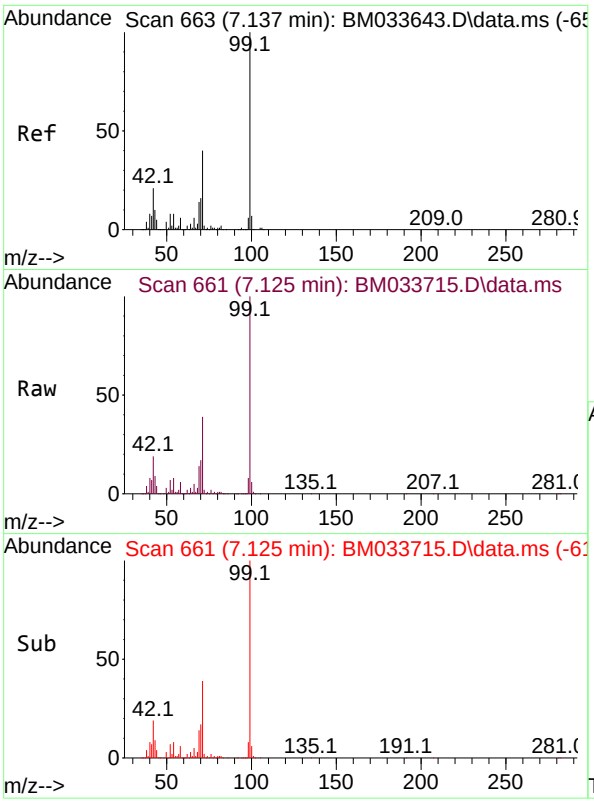


#5
2-Fluorophenol
Concen: 93.400 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:112 Resp: 1087795

Ion	Ratio	Lower	Upper
112	100		
64	60.2	55.5	83.3
63	33.1	31.3	46.9



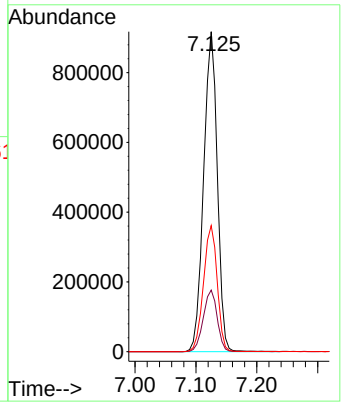


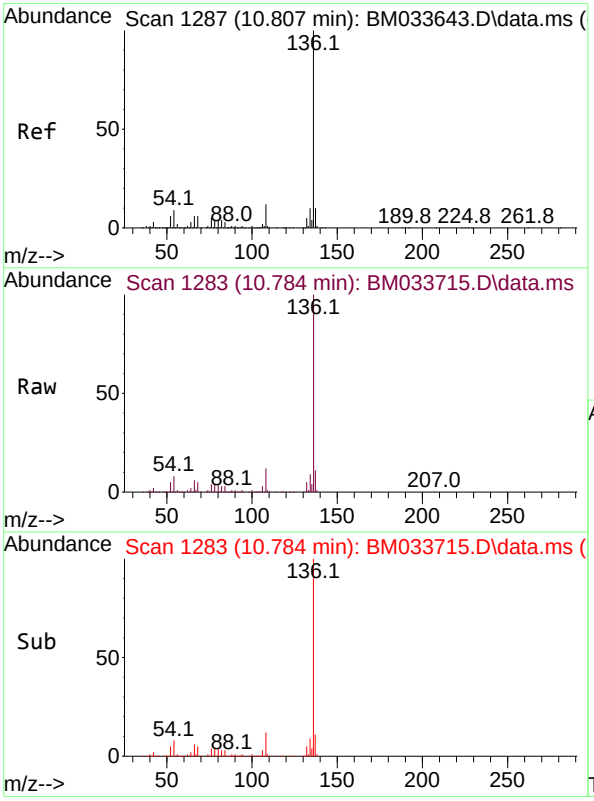
#7
Phenol-d6
Concen: 91.139 ng
RT: 7.125 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion: 99 Resp: 1430602

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.3	30.5#
71	39.4	34.5	51.7

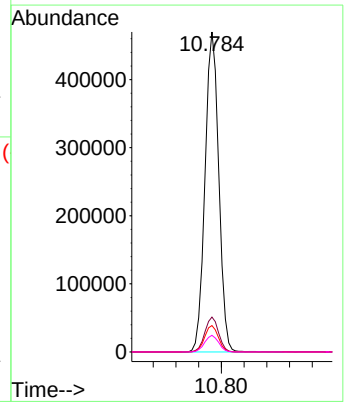


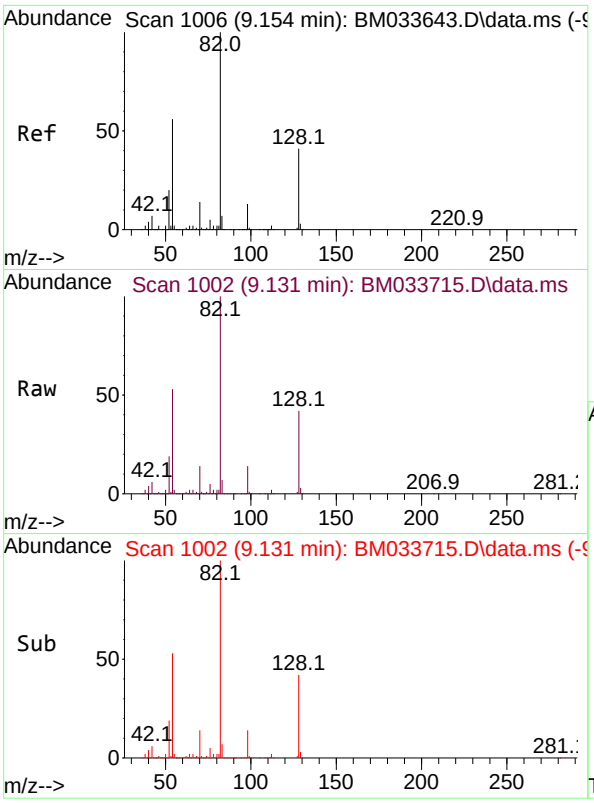


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:136 Resp: 788325

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.3	8.3	12.5#
68	5.2	5.0	7.6



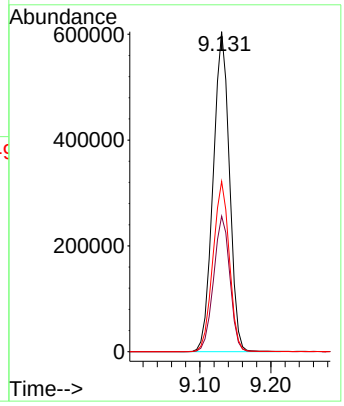


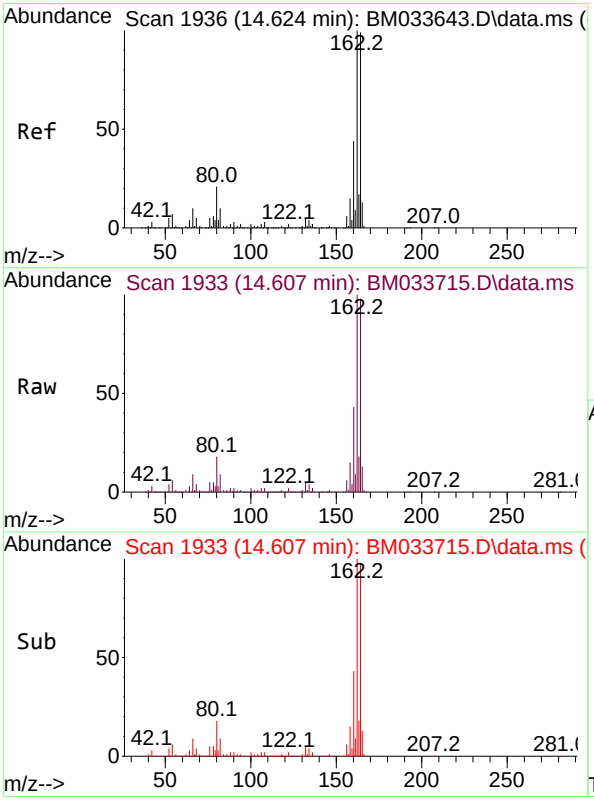
#23
Nitrobenzene-d5
Concen: 56.347 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion: 82 Resp: 961827

Ion	Ratio	Lower	Upper
82	100		
128	42.4	28.1	42.1#
54	53.2	46.1	69.1

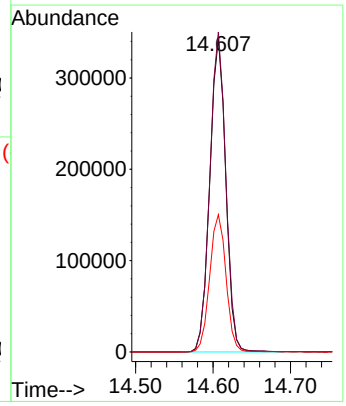


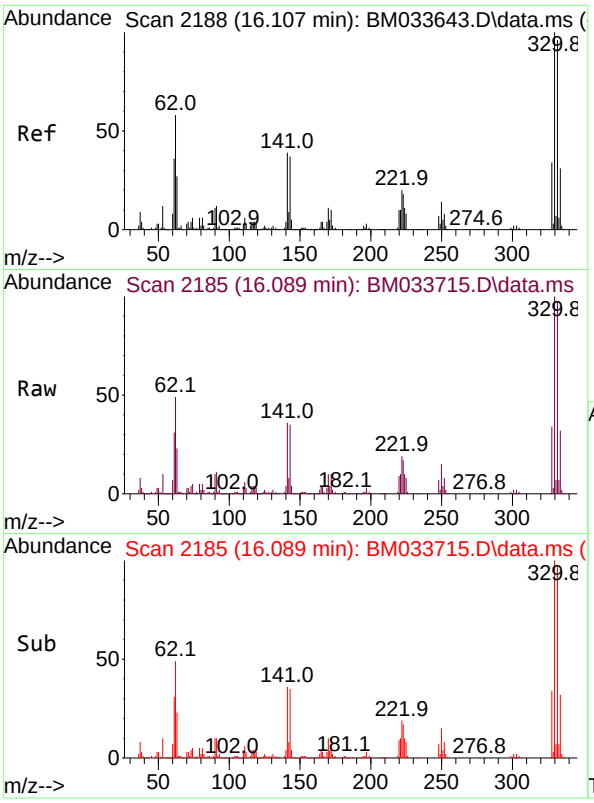


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.607 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:164 Resp: 492868

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.7	119.5
160	43.8	34.2	51.4



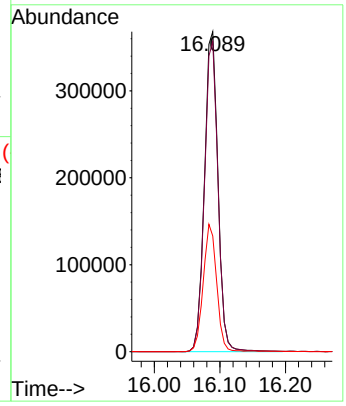


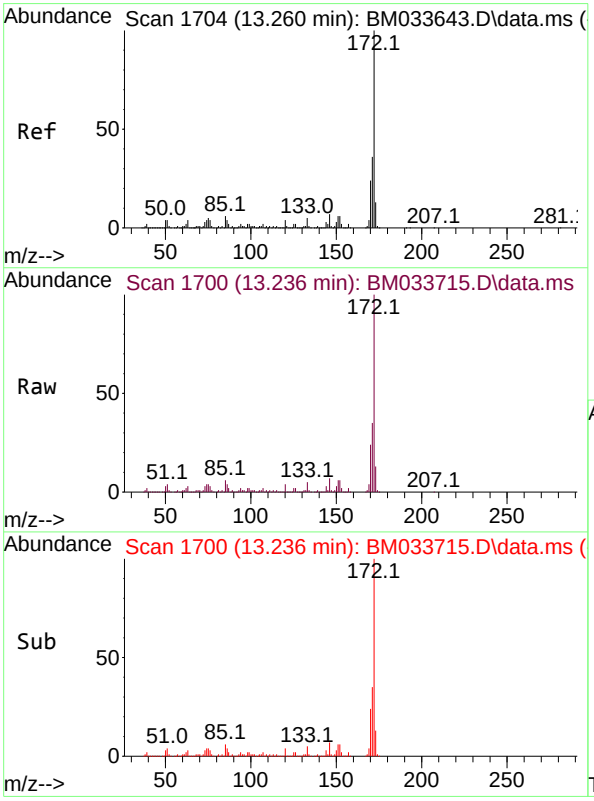
#42
2,4,6-Tribromophenol
Concen: 102.734 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:330 Resp: 528862

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.5	114.7
141	39.7	35.9	53.9

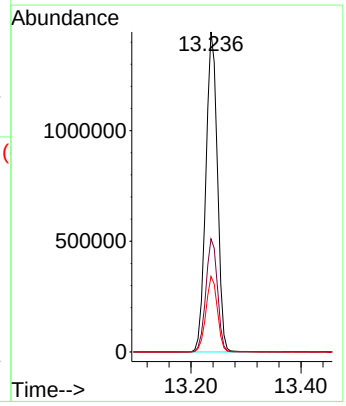


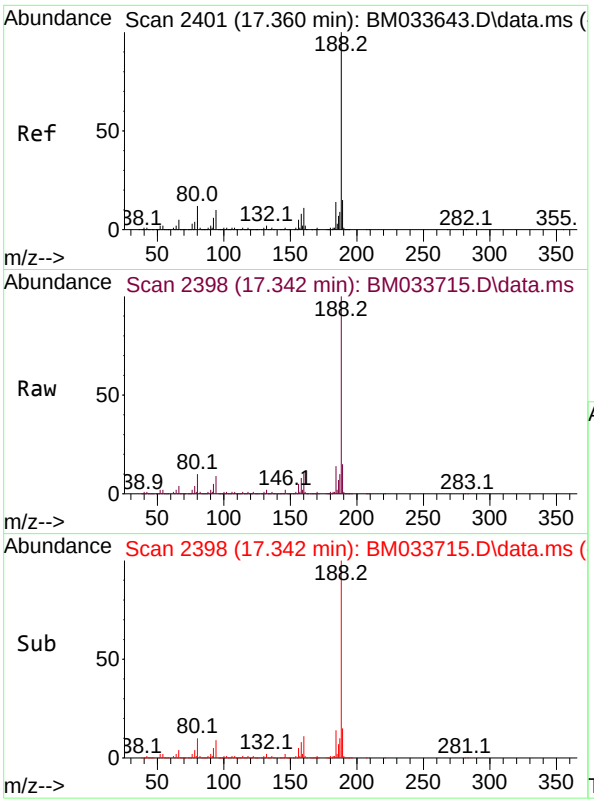


#45
2-Fluorobiphenyl
Concen: 56.219 ng
RT: 13.236 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:172 Resp: 2115498

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	23.6	18.7	28.1



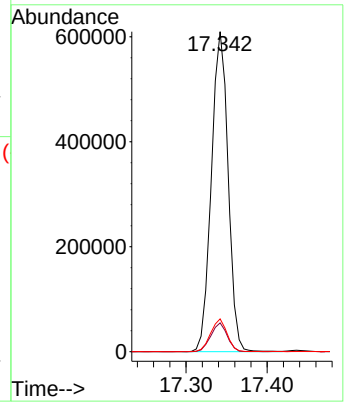


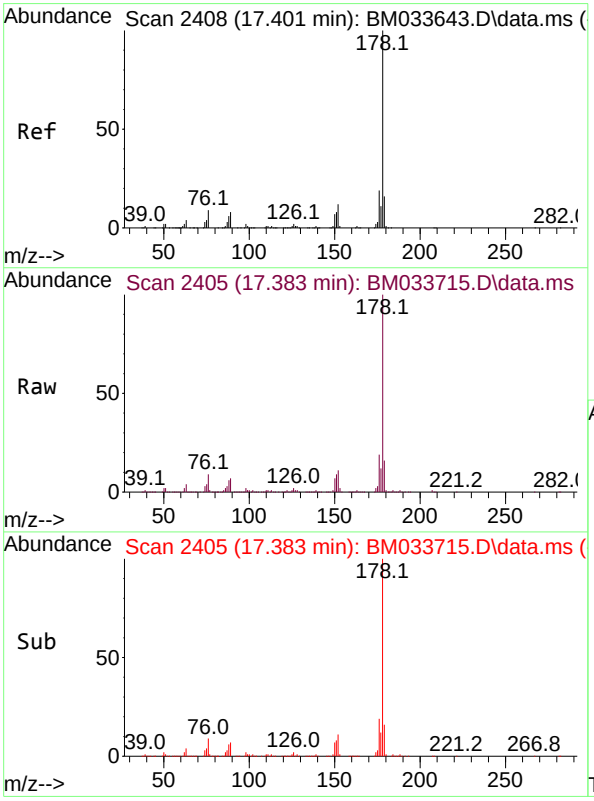
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:188 Resp: 872202

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.2	8.9	13.3

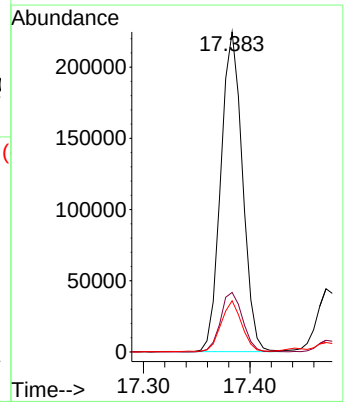


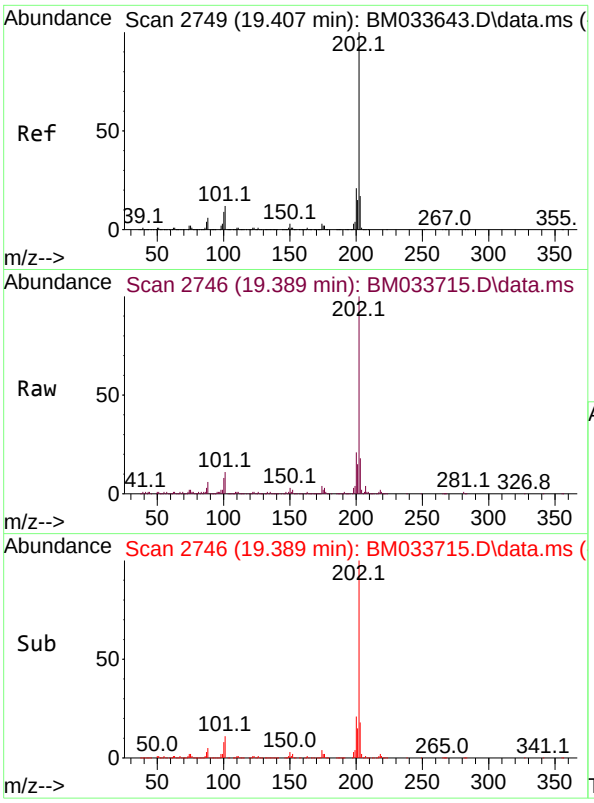


#71
Phenanthrene
Concen: 6.336 ng
RT: 17.383 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:178 Resp: 316226

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	16.0	12.0	18.0



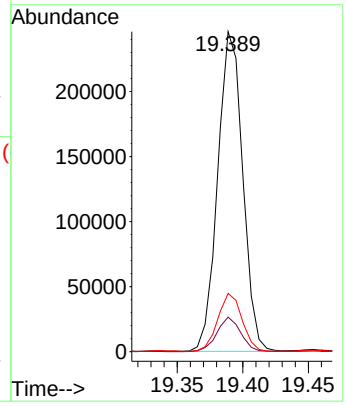


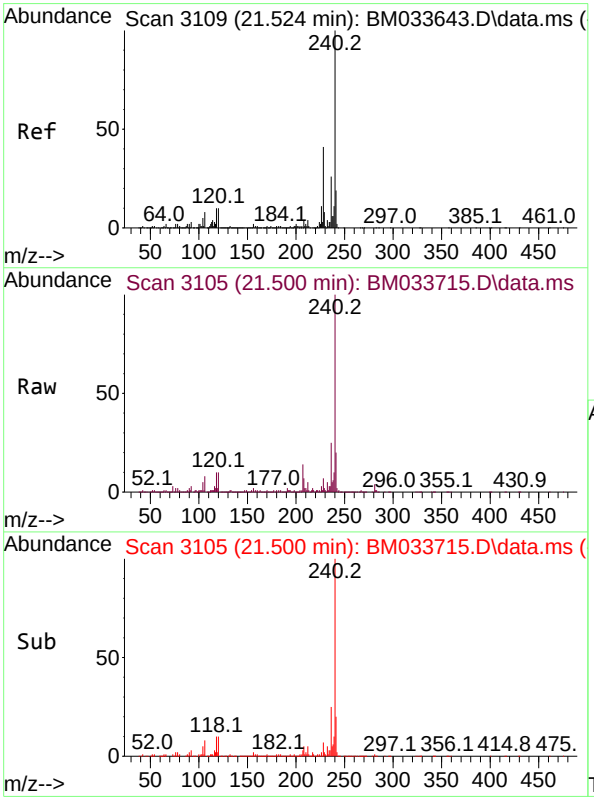
#75
Fluoranthene
Concen: 6.214 ng
RT: 19.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:202 Resp: 325575

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.8
203	18.2	0.0	37.2

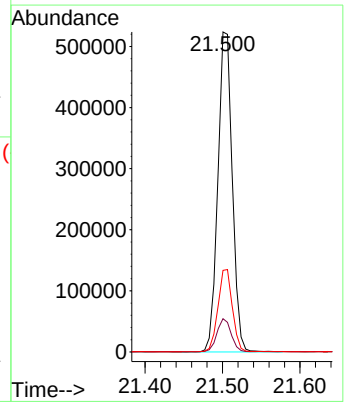


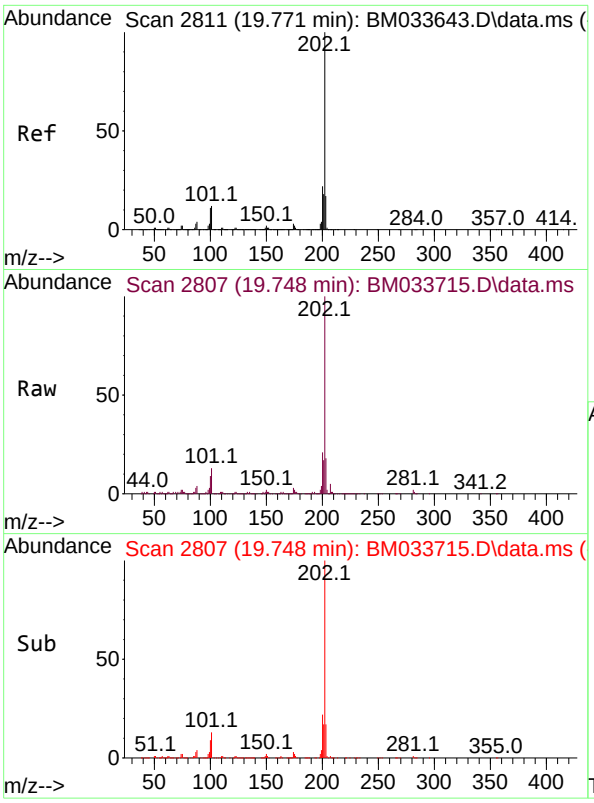


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:240 Resp: 680849

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	25.5	20.3	30.5



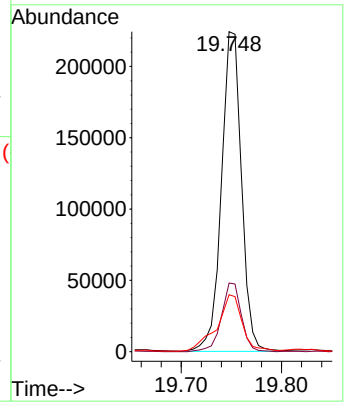


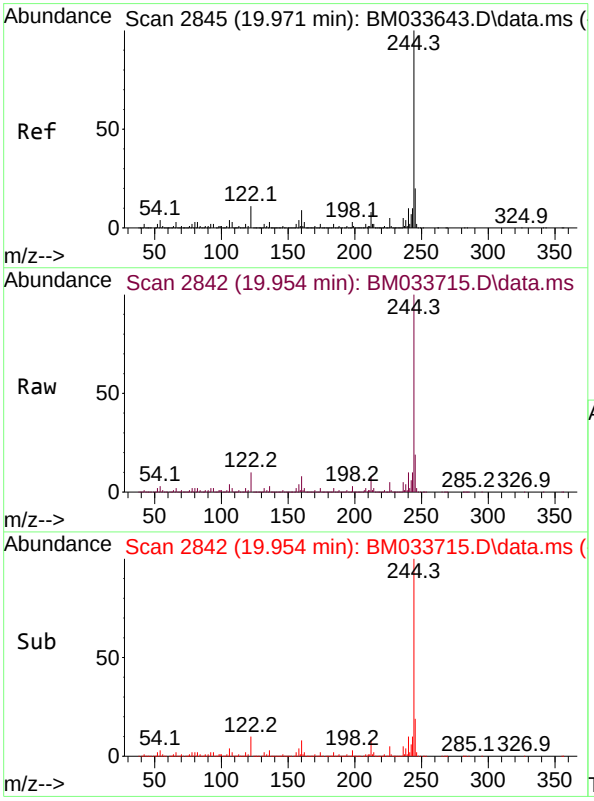
#78
Pyrene
Concen: 6.471 ng
RT: 19.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:202 Resp: 310214

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.4	24.6
203	17.8	13.5	20.3

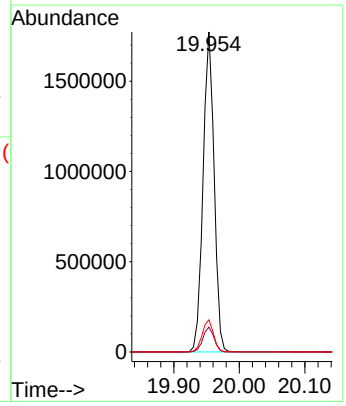


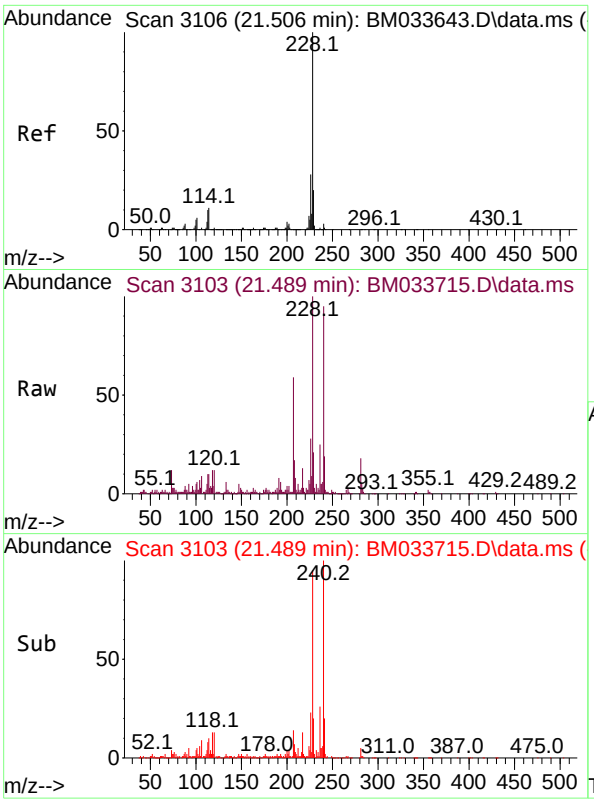


#79
Terphenyl-d14
Concen: 55.043 ng
RT: 19.954 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:244 Resp: 2082002

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	8.4	12.6



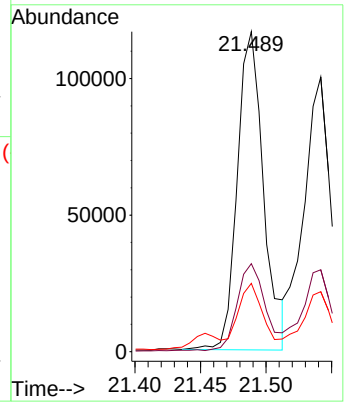


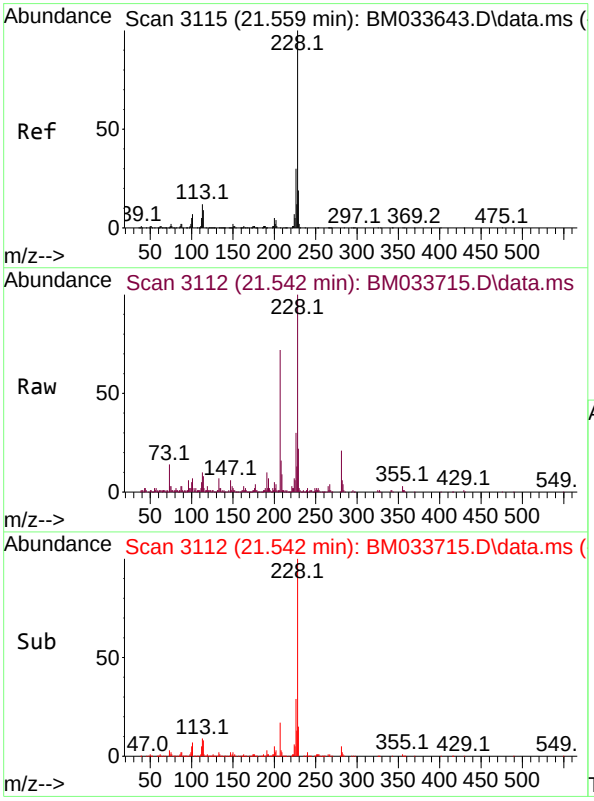
#81
Benzo(a)anthracene
Concen: 3.513 ng
RT: 21.489 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:228 Resp: 162178

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.6
229	21.4	15.5	23.3

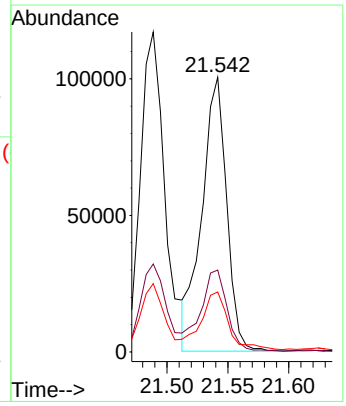


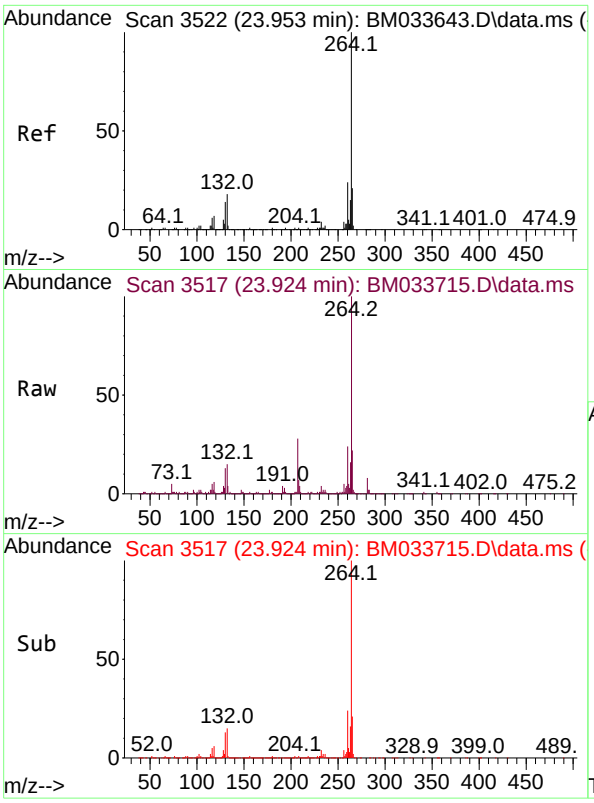


#83
Chrysene
Concen: 3.224 ng
RT: 21.542 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:228 Resp: 142460

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.9	15.8	23.8



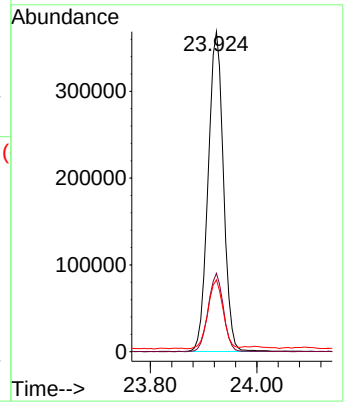


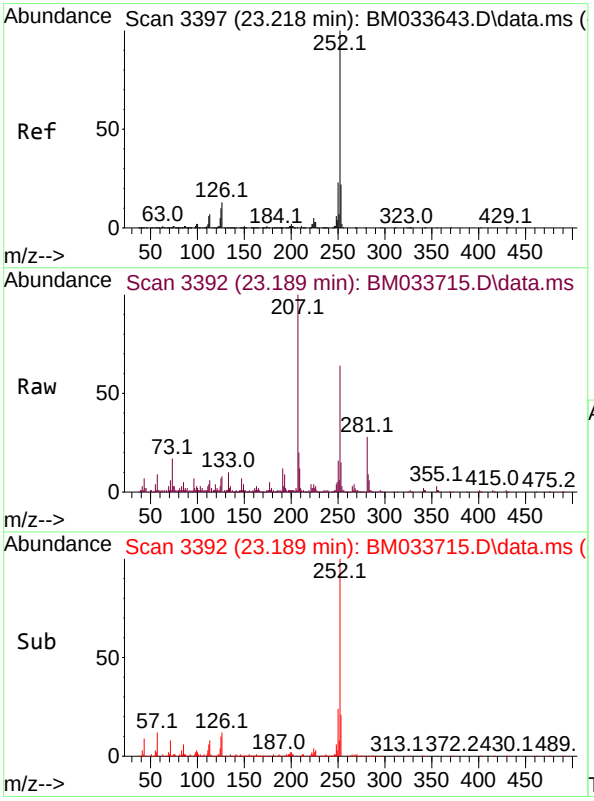
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.924 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:264 Resp: 733397

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.7	26.5
265	22.5	17.7	26.5

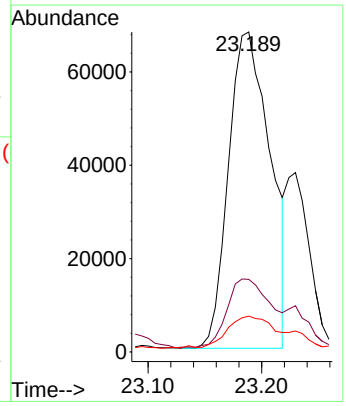


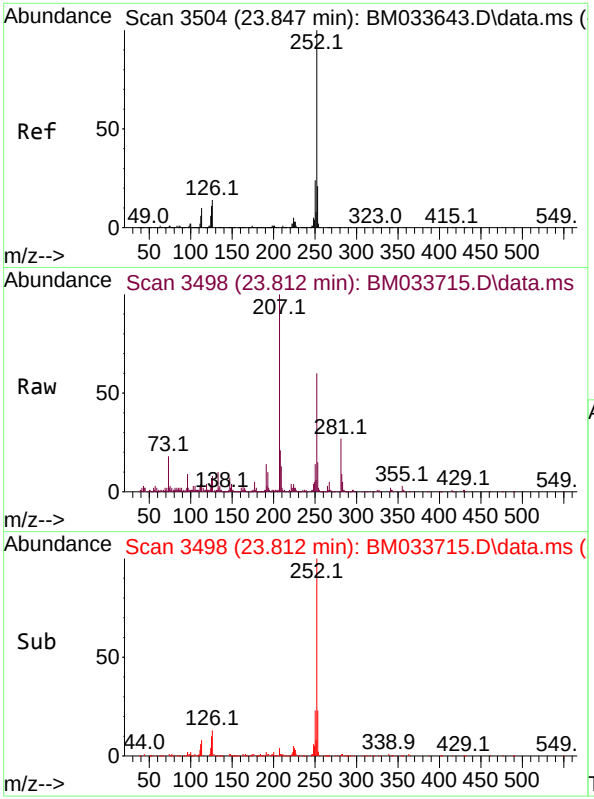


#88
Benzo(b)fluoranthene
Concen: 3.702 ng
RT: 23.189 min Scan# 3392
Delta R.T. 0.000 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Tgt Ion:252 Resp: 173097

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.2	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 3.307 ng
RT: 23.812 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033715.D
Acq: 13 Jan 2022 14:12

Instrument :
BNA_M
ClientSampleId :
TP-2D

Tgt Ion:252 Resp: 128332

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	11.3	7.8	11.8