Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033691.D
Acq On : 10 Jan 2022 17:52
Operator : CG/JU
Sample : N1081-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Quant Time: Jan 11 02:26:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	215657	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	871469	20.000	ng	#-0.01
39) Acenaphthene-d10	14.618	164	492861	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	828681	20.000	ng	0.00
76) Chrysene-d12	21.518	240	629302	20.000	ng	0.00
86) Perylene-d12	23.947	264	690806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	521742	38.156	ng	0.00
7) Phenol-d6	7.131	99	655010	35.542	ng	0.00
23) Nitrobenzene-d5	9.142	82	1463869	77.576	ng	-0.01
42) 2,4,6-Tribromophenol	16.095	330	194430	37.770	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	3173022	84.324	ng	-0.01
79) Terphenyl-d14	19.965	244	3033812	86.776	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.131	77	1936	Below Cal	#	24
25) Isophorone	9.713	82	190571	6.235	ng	96
71) Phenanthrene	17.395	178	800678	16.885	ng	98
72) Anthracene	17.483	178	130057	2.796	ng	97
75) Fluoranthene	19.401	202	1010650	20.302	ng	98
78) Pyrene	19.765	202	1418711	32.020	ng	98
81) Benzo(a)anthracene	21.500	228	489483	11.471	ng	# 87
83) Chrysene	21.553	228	490592	12.013	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.482	276	246137	4.832	ng	96
88) Benzo(b)fluoranthene	23.206	252	448015	10.172	ng	# 87
89) Benzo(k)fluoranthene	23.206	252	448015	10.496	ng	# 89
90) Benzo(a)pyrene	23.836	252	387476	10.600	ng	# 90
92) Benzo(g,h,i)perylene	27.271	276	370017	8.895	ng	95

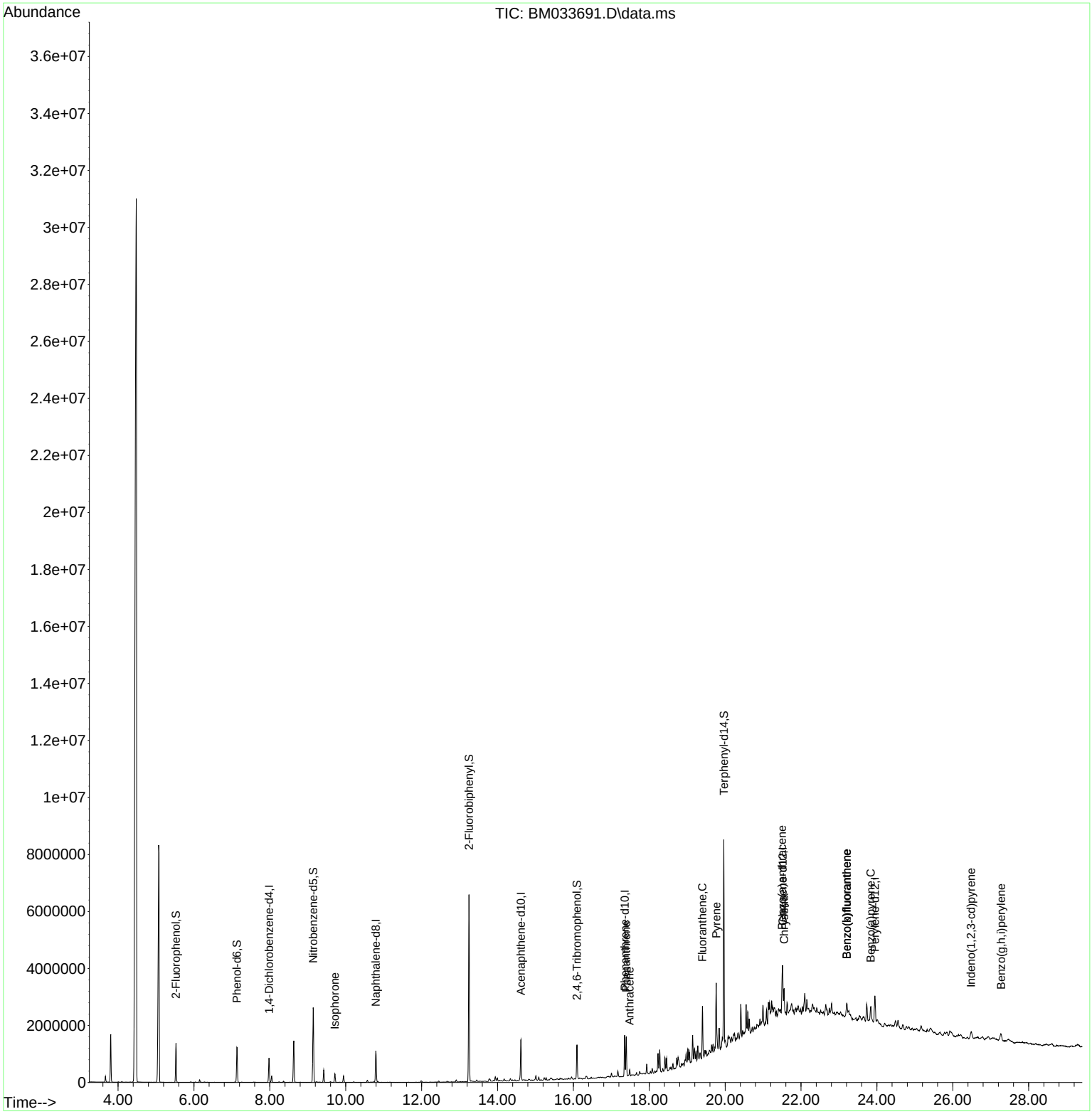
(#) = qualifier out of range (m) = manual integration (+) = signals summed

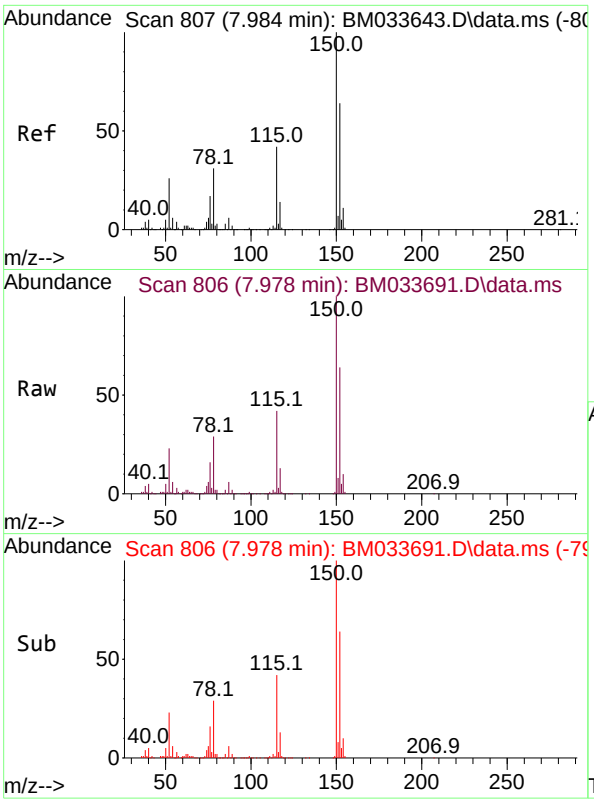
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033691.D
Acq On : 10 Jan 2022 17:52
Operator : CG/JU
Sample : N1081-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Quant Time: Jan 11 02:26:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration



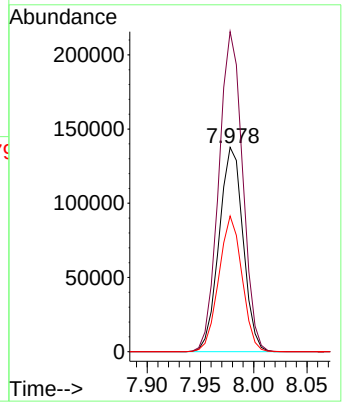


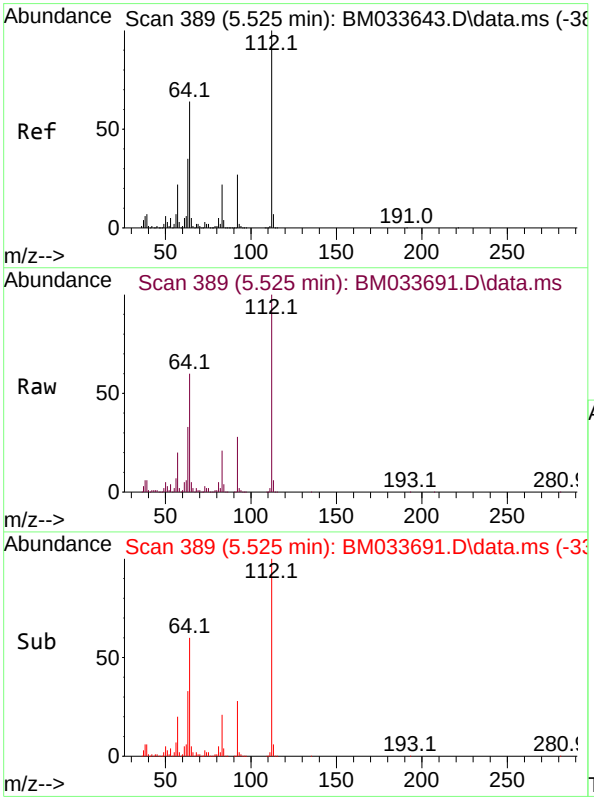
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:152 Resp: 215657

Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.9	193.3
115	66.4	53.0	79.6

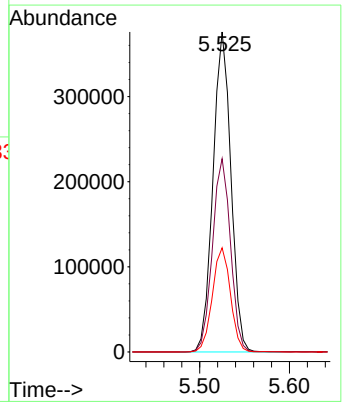


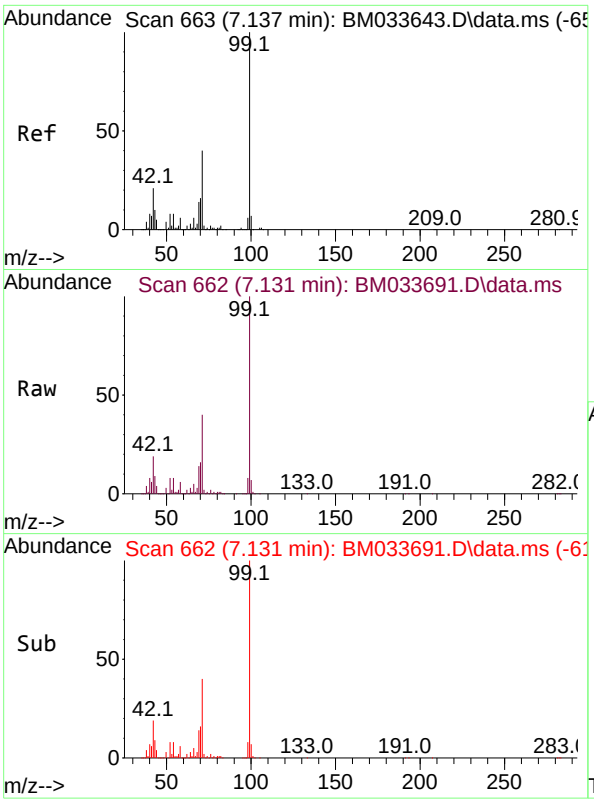


#5
2-Fluorophenol
Concen: 38.156 ng
RT: 5.525 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:112 Resp: 521742

Ion	Ratio	Lower	Upper
112	100		
64	60.4	55.5	83.3
63	32.6	31.3	46.9



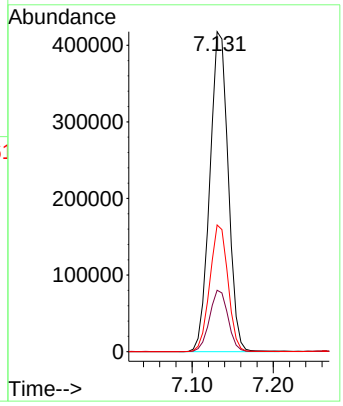


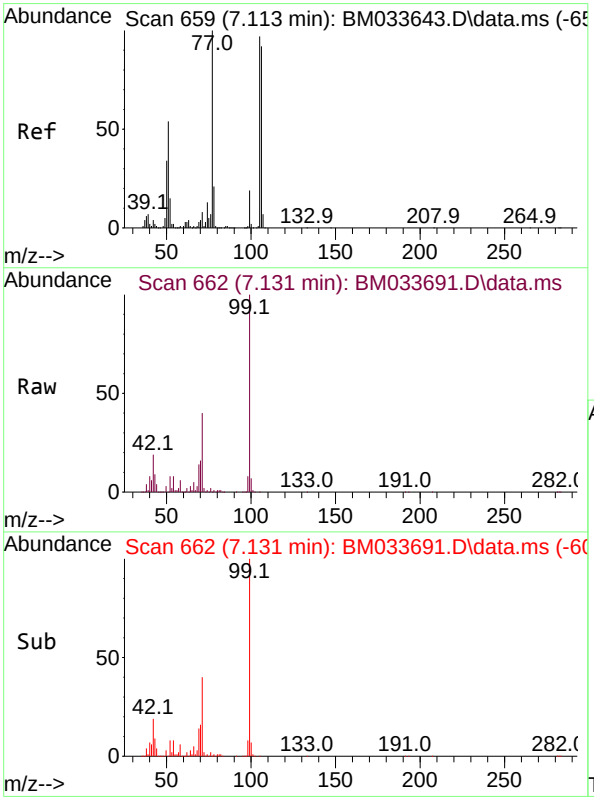
#7
Phenol-d6
Concen: 35.542 ng
RT: 7.131 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion: 99 Resp: 655010

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.3	30.5#
71	39.6	34.5	51.7

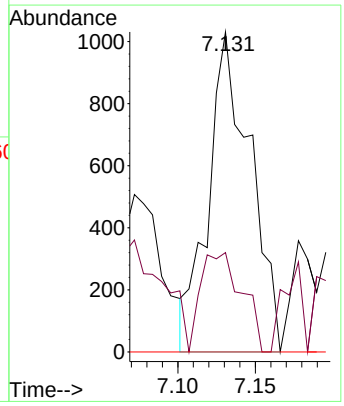


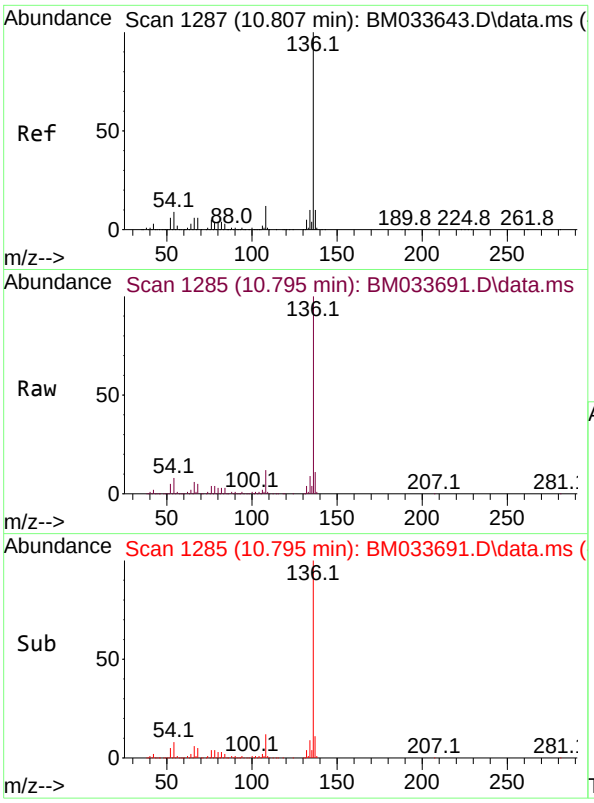


#9
Benzaldehyde
Concen: Below Cal
RT: 7.131 min Scan# 662
Delta R.T. 0.018 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion: 77 Resp: 1936

Ion	Ratio	Lower	Upper
77	100		
105	31.0	67.1	107.1#
106	0.0	64.3	104.3#



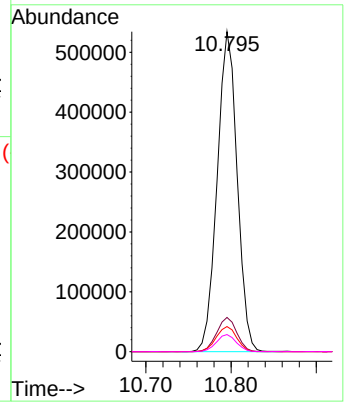


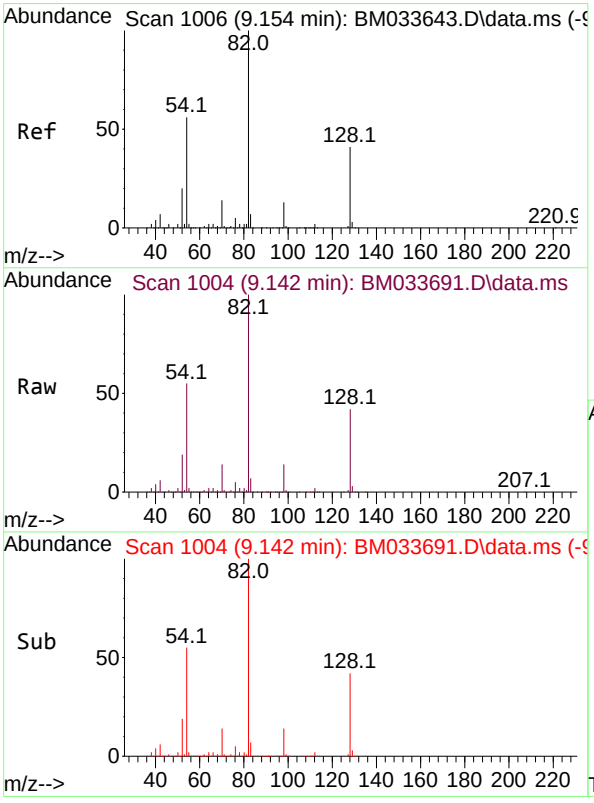
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:136 Resp: 871469

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.9	8.3	12.5#
68	5.3	5.0	7.6

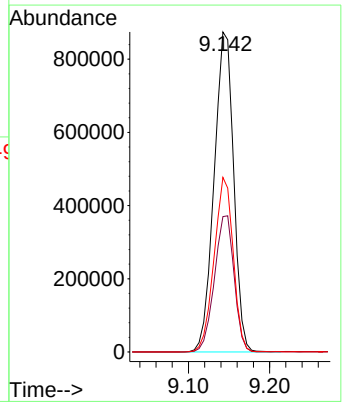


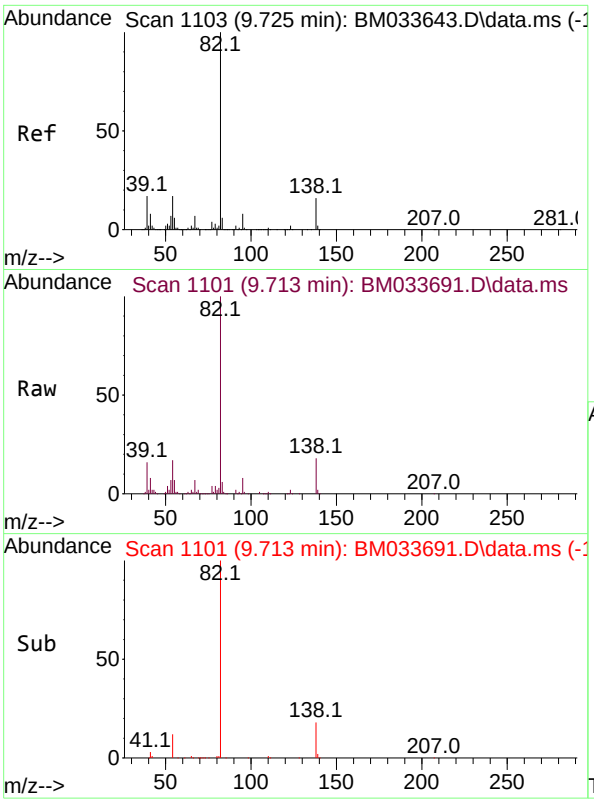


#23
Nitrobenzene-d5
Concen: 77.576 ng
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion: 82 Resp: 1463869

Ion	Ratio	Lower	Upper
82	100		
128	42.3	28.1	42.1#
54	54.5	46.1	69.1



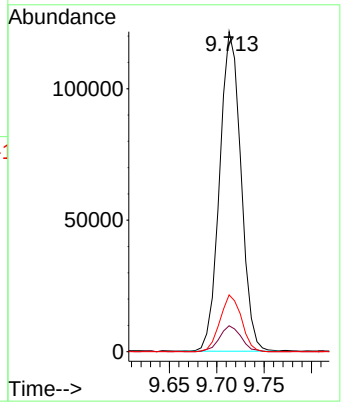


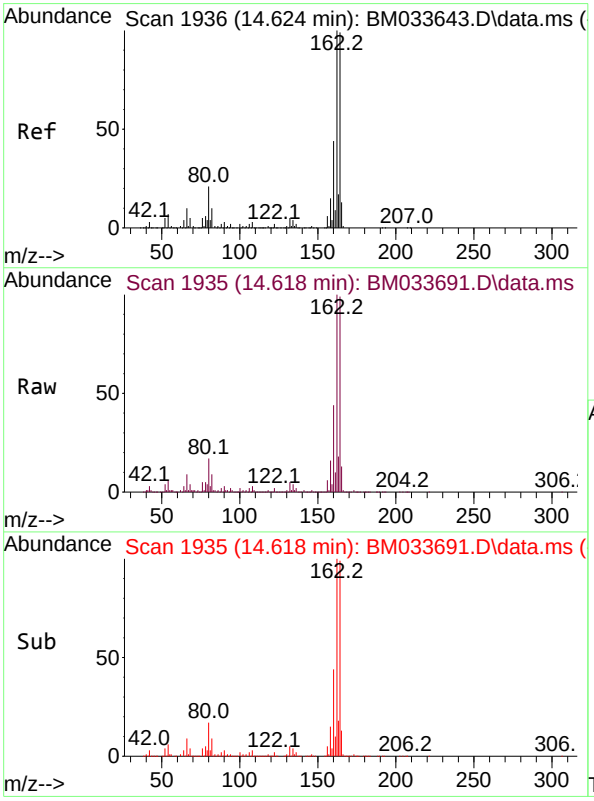
#25
Isophorone
Concen: 6.235 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion: 82 Resp: 190571

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	17.8	12.4	18.6

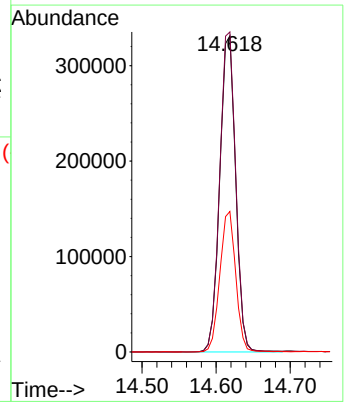


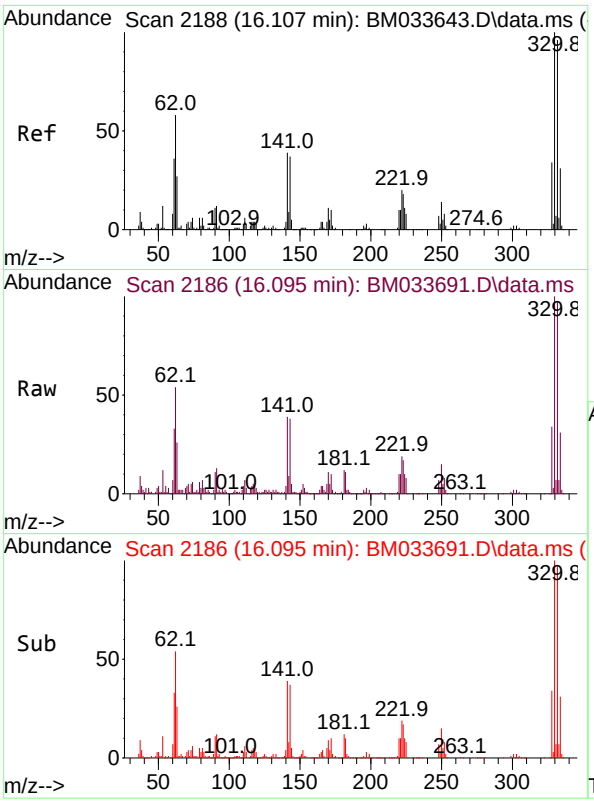


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:164 Resp: 492861

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.7	119.5
160	44.4	34.2	51.4



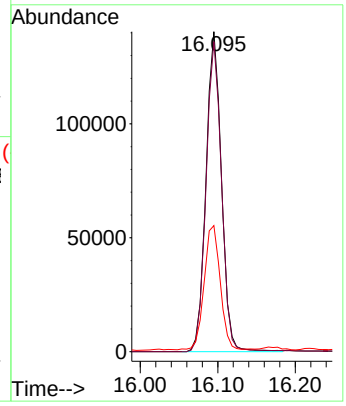


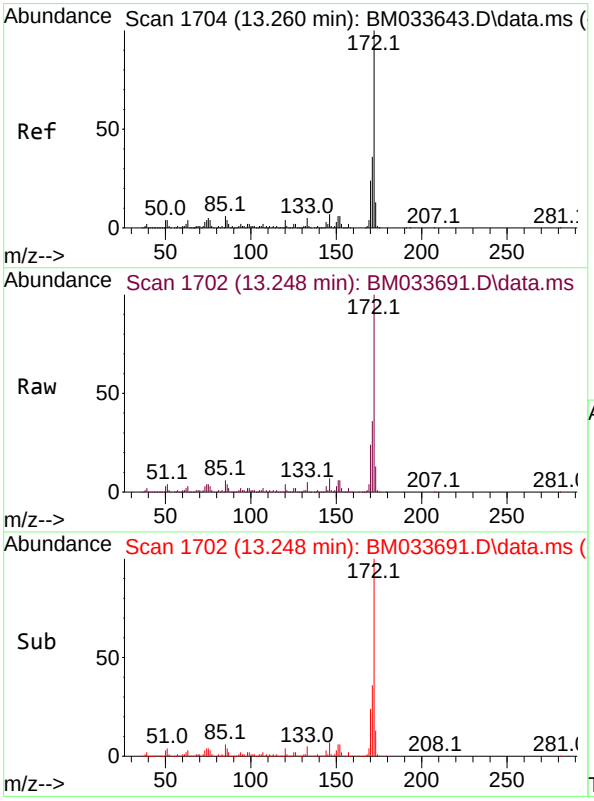
#42
2,4,6-Tribromophenol
Concen: 37.770 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:330 Resp: 194430

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	40.4	35.9	53.9

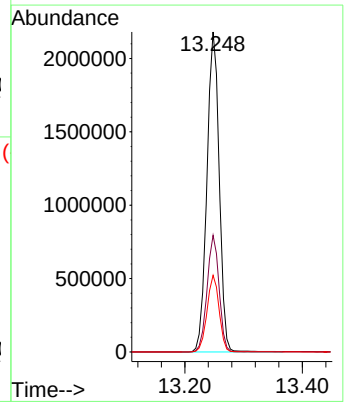


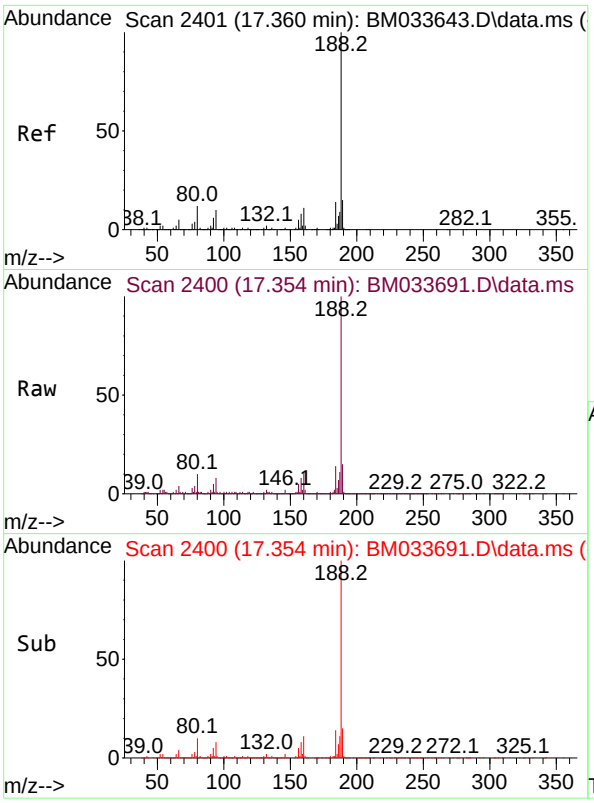


#45
2-Fluorobiphenyl
Concen: 84.324 ng
RT: 13.248 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:172 Resp: 3173022

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.2	40.8
170	23.9	18.7	28.1



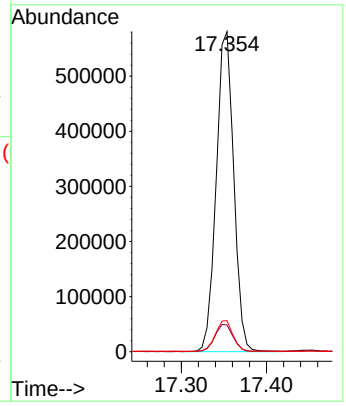


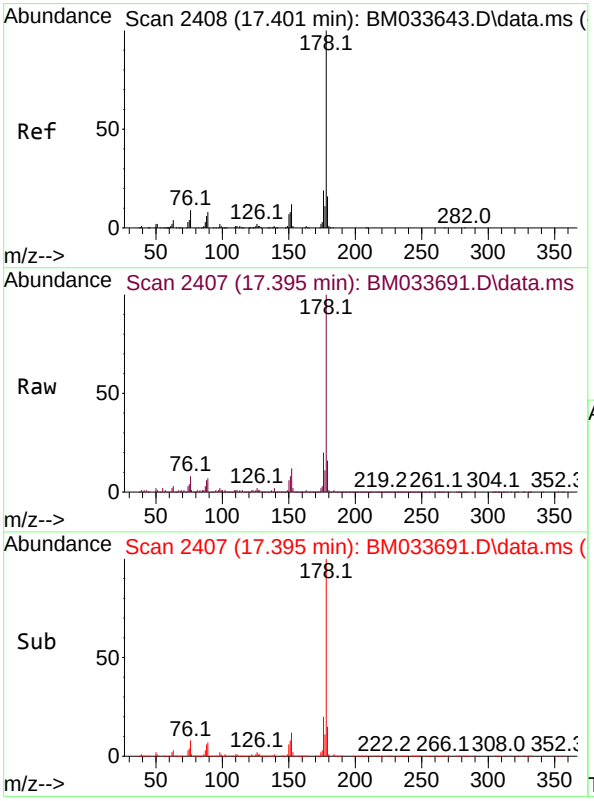
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:188 Resp: 828681

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.5	11.3
80	9.7	8.9	13.3

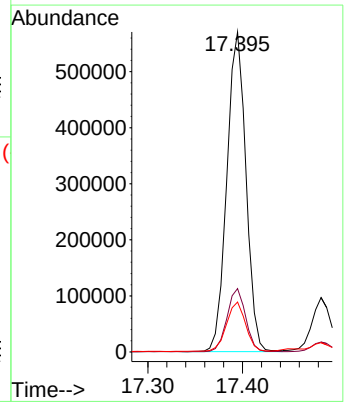


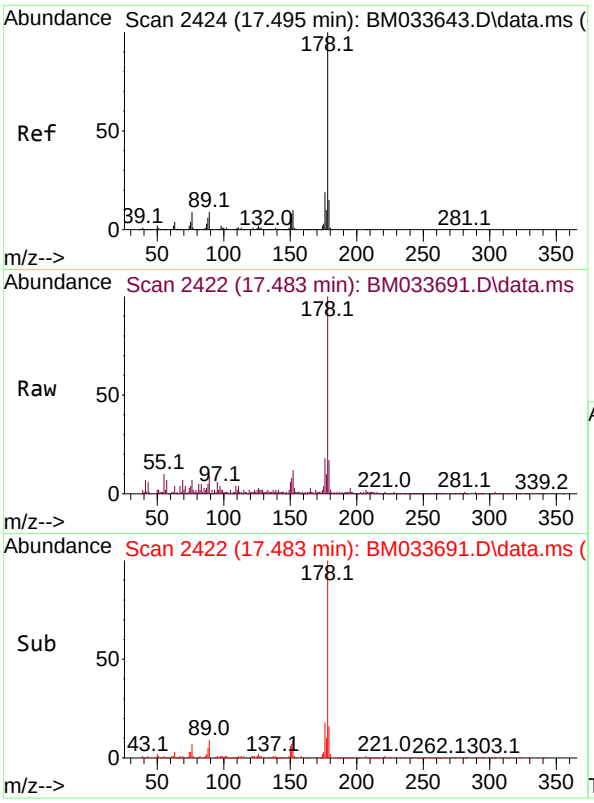


#71
Phenanthrene
Concen: 16.885 ng
RT: 17.395 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:178 Resp: 800678

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.6	12.0	18.0



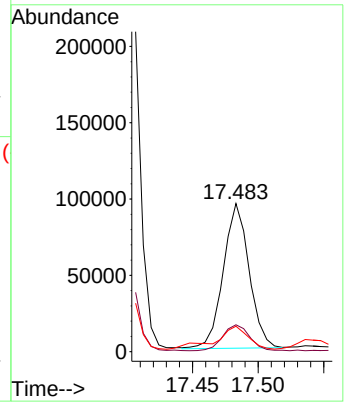


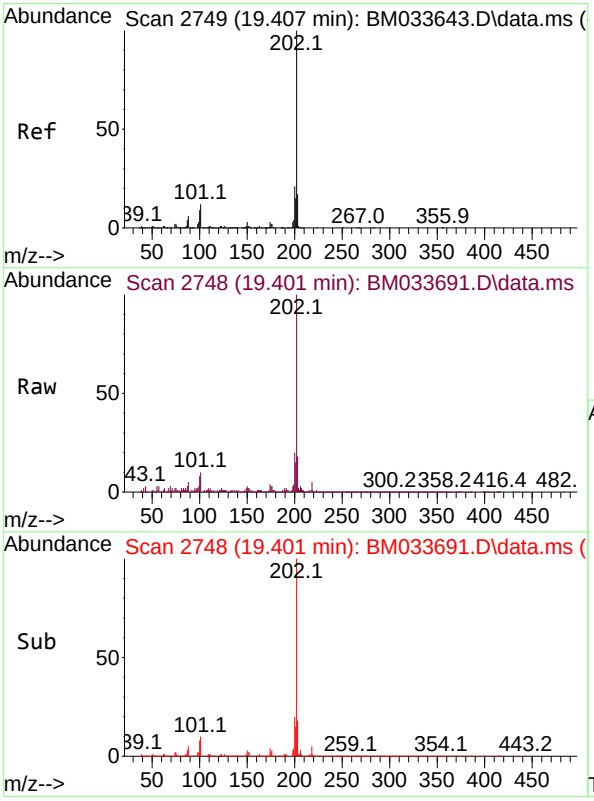
#72
Anthracene
Concen: 2.796 ng
RT: 17.483 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:178 Resp: 130057

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	17.2	11.9	17.9

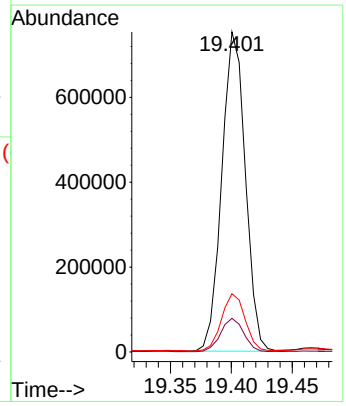


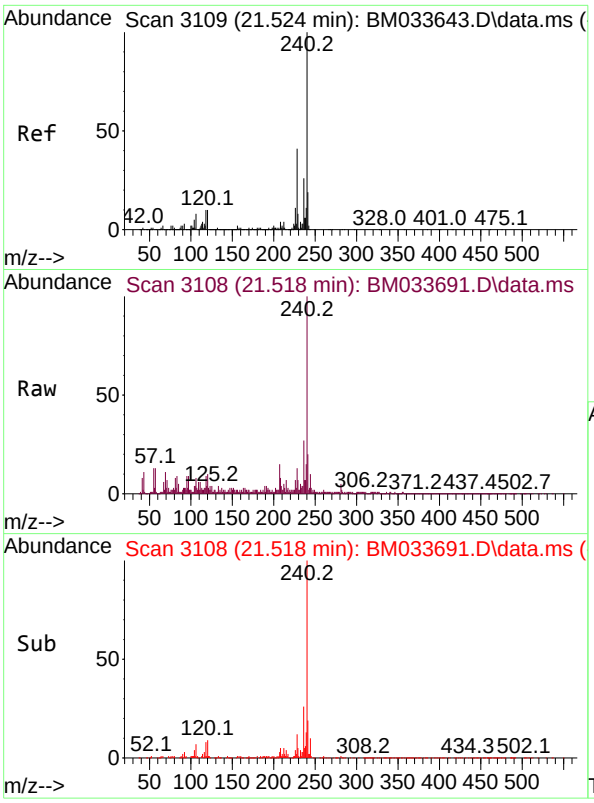


#75
Fluoranthene
Concen: 20.302 ng
RT: 19.401 min Scan# 2748
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:202 Resp: 1010650

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.8
203	18.2	0.0	37.2



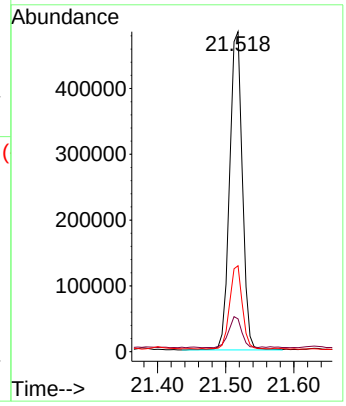


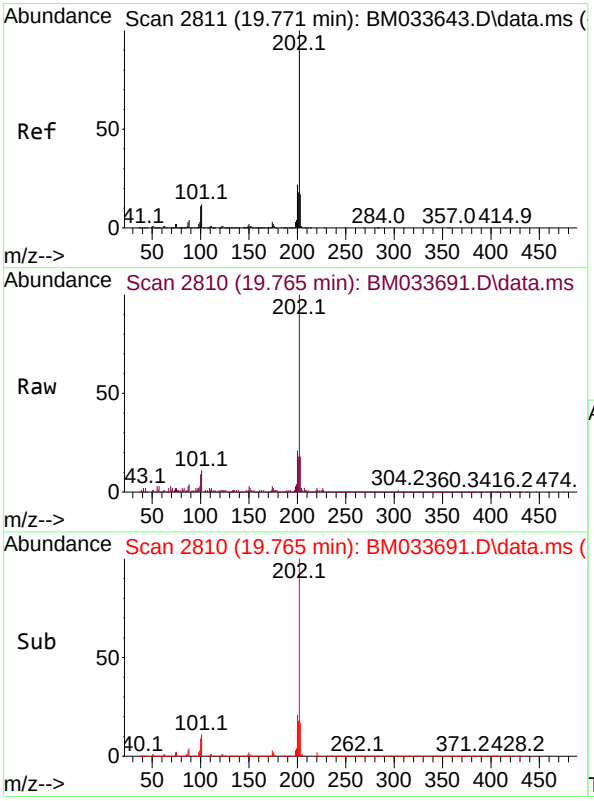
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:240 Resp: 629302

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.8	11.6
236	26.9	20.3	30.5

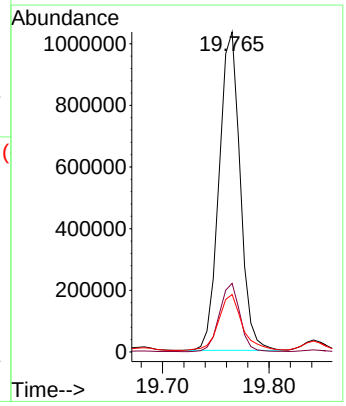


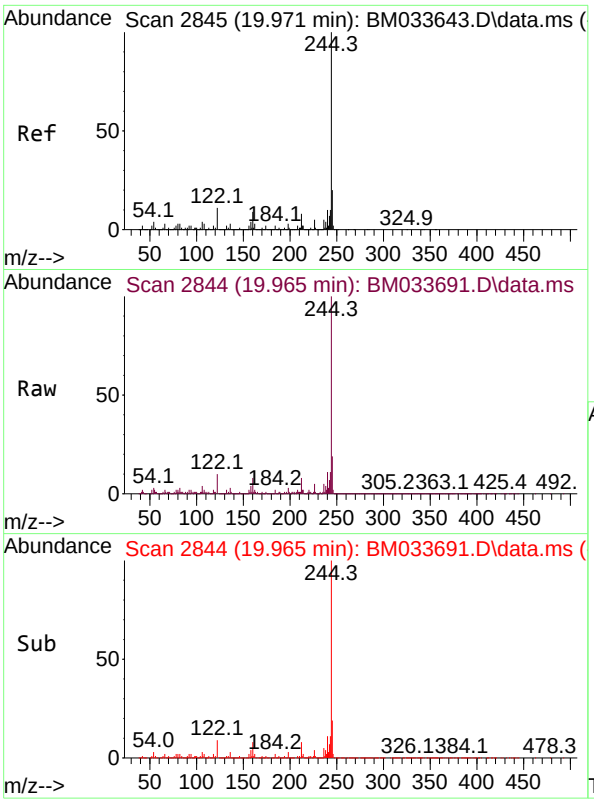


#78
Pyrene
Concen: 32.020 ng
RT: 19.765 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:202 Resp: 1418711

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.4	24.6
203	18.0	13.5	20.3



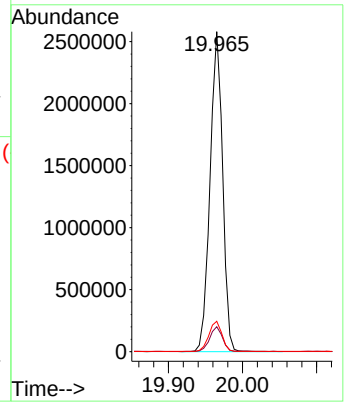


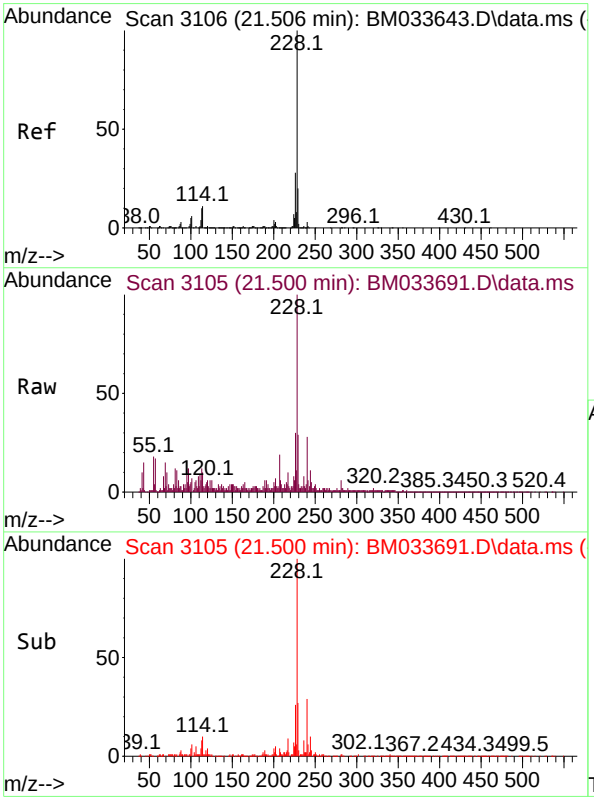
#79
Terphenyl-d14
Concen: 86.776 ng
RT: 19.965 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:244 Resp: 3033812

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.5	8.4	12.6

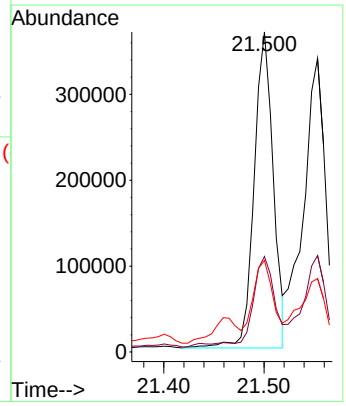


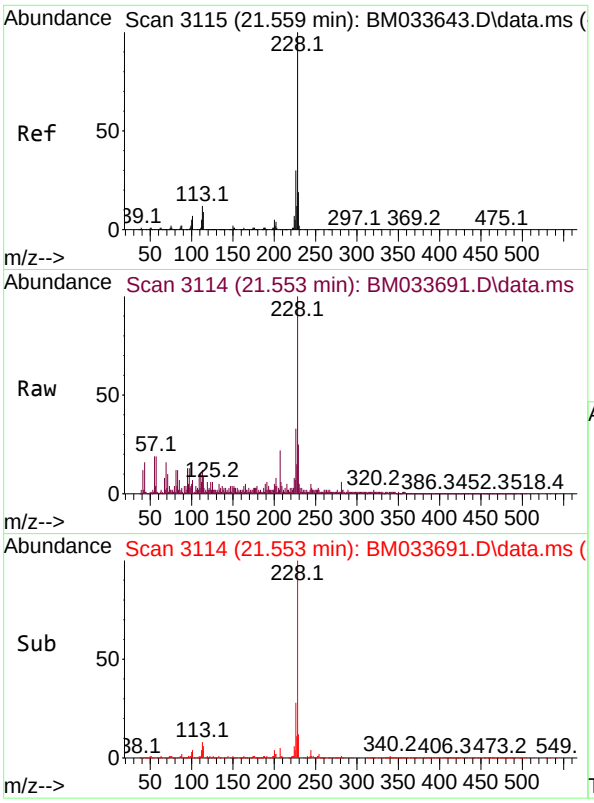


#81
Benzo(a)anthracene
Concen: 11.471 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:228 Resp: 489483

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.6
229	28.7	15.5	23.3#



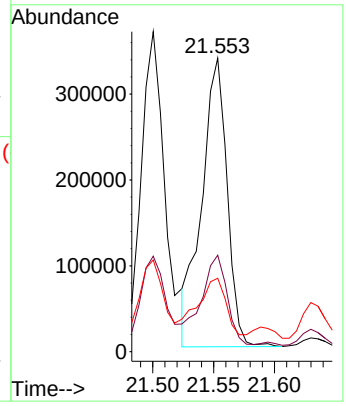


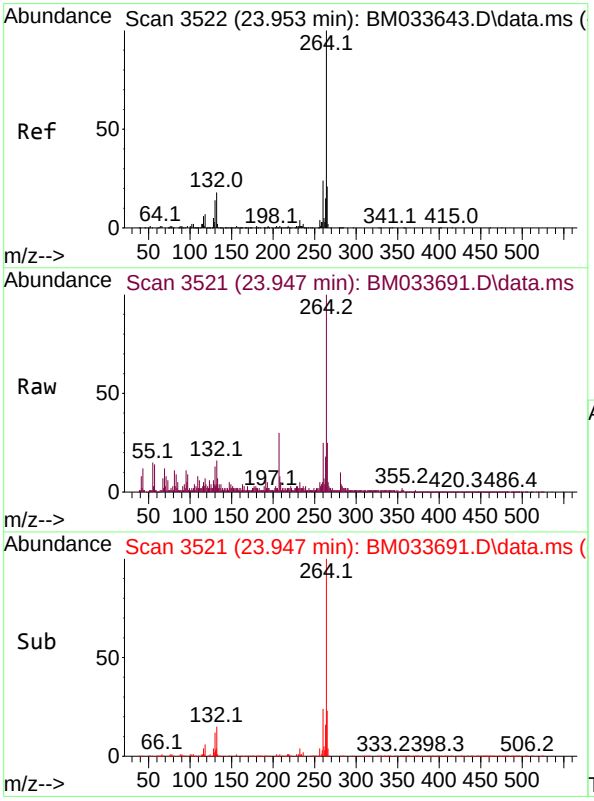
#83
Chrysene
Concen: 12.013 ng
RT: 21.553 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:228 Resp: 490592

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.8	35.8
229	25.0	15.8	23.8#

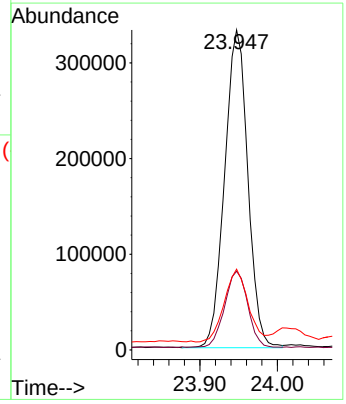


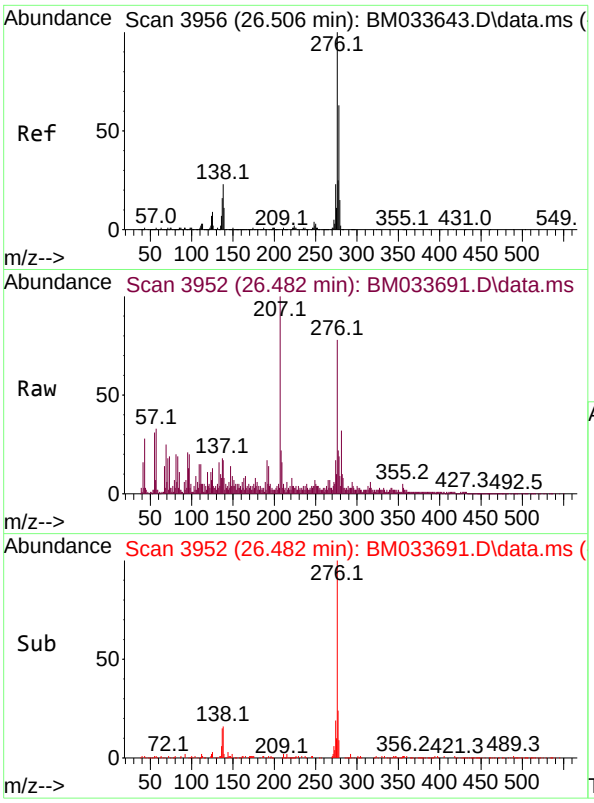


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.947 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:264 Resp: 690806

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.7	26.5
265	25.3	17.7	26.5



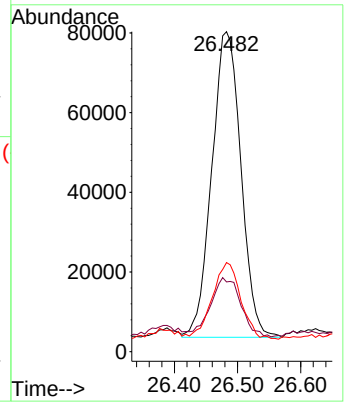


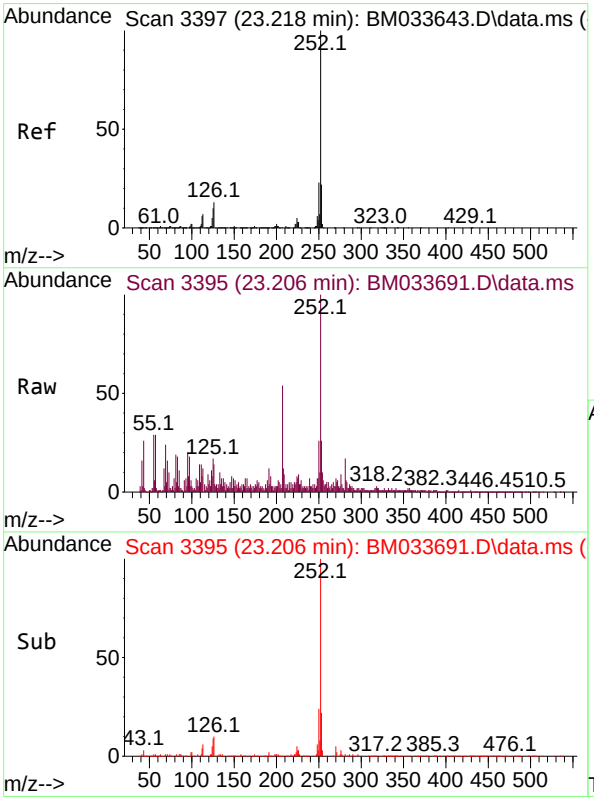
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.832 ng
RT: 26.482 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:276 Resp: 246137

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	24.6	20.2	30.4

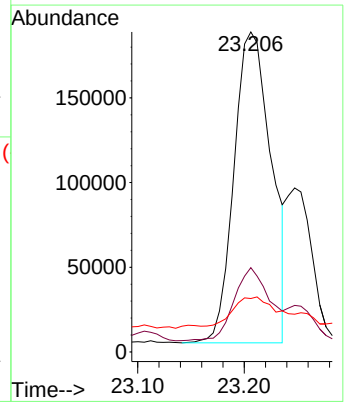


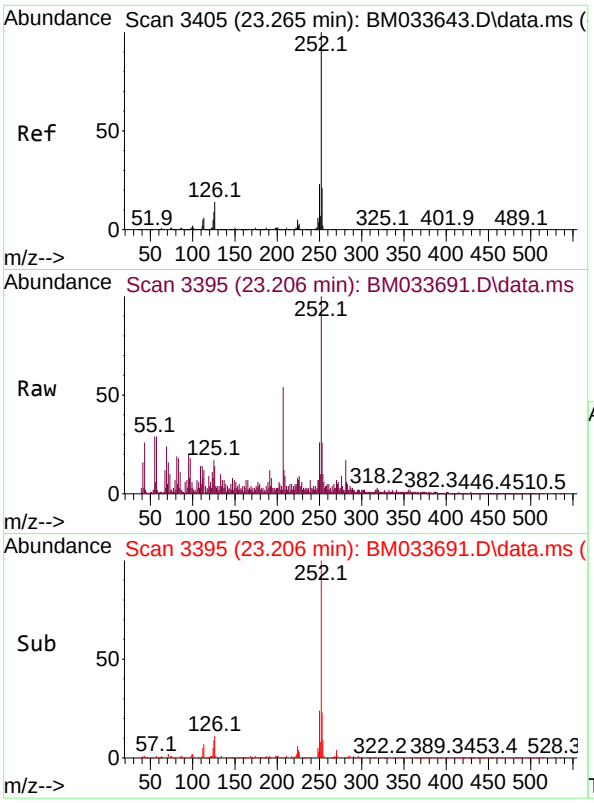


#88
Benzo(b)fluoranthene
Concen: 10.172 ng
RT: 23.206 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:252 Resp: 448015

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	16.7	7.4	11.2#



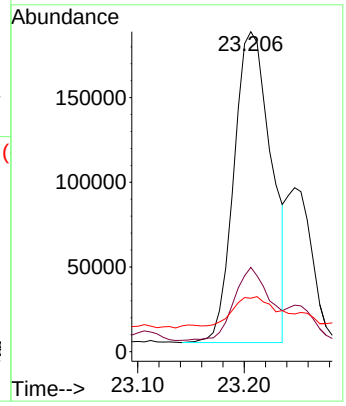


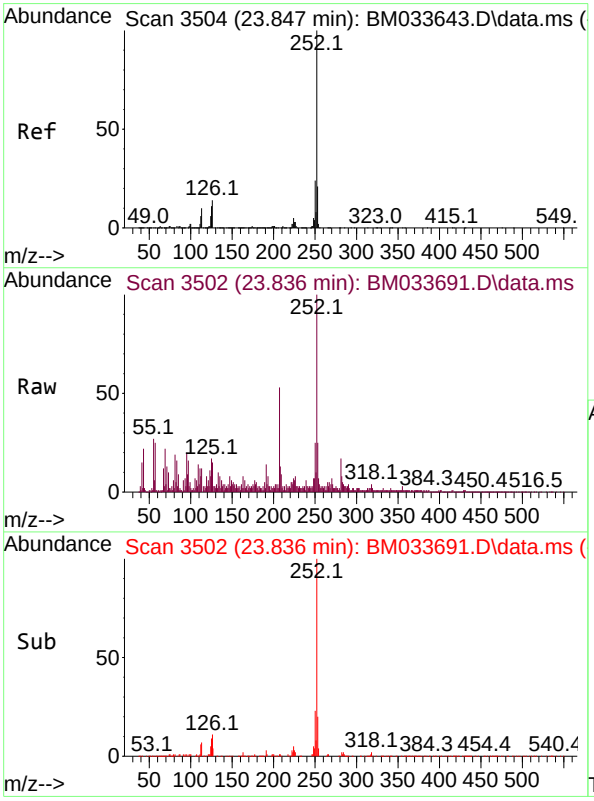
#89
Benzo(k)fluoranthene
Concen: 10.496 ng
RT: 23.206 min Scan# 3
Delta R.T. -0.059 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:252 Resp: 448015

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.8
125	16.7	8.1	12.1#

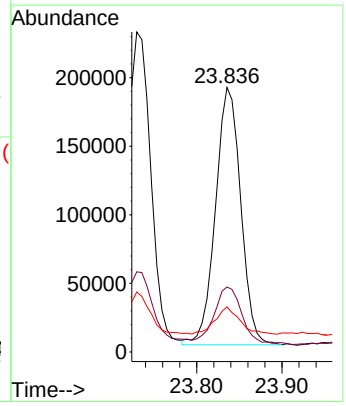


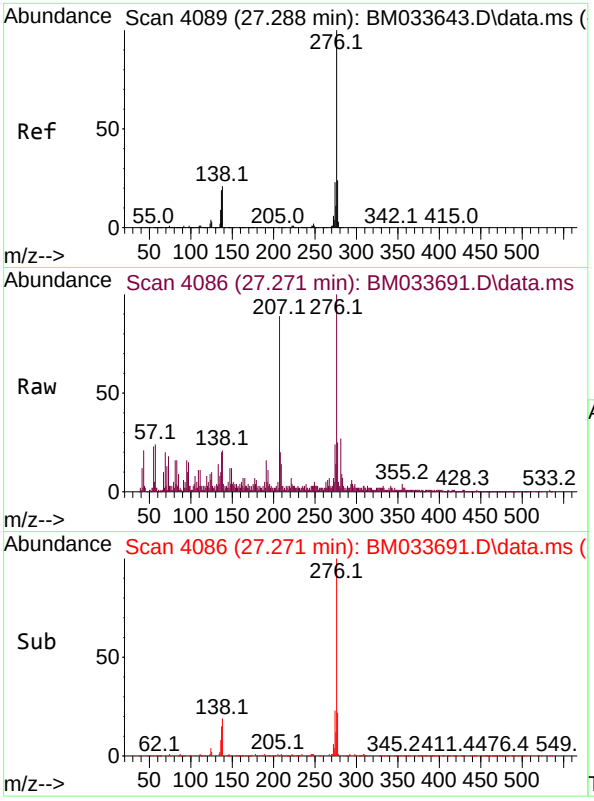


#90
Benzo(a)pyrene
Concen: 10.600 ng
RT: 23.836 min Scan# 3502
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:252 Resp: 387476

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	17.1	7.8	11.8#





#92
Benzo(g,h,i)perylene
Concen: 8.895 ng
RT: 27.271 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:276 Resp: 370017

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.1	28.7
138	21.4	14.8	22.2