Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033693.D
Acq On : 10 Jan 2022 19:03
Operator : CG/JU
Sample : N1081-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Quant Time: Jan 11 02:26:35 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	258331	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	1063489	20.000	ng	#-0.01
39) Acenaphthene-d10	14.619	164	638360	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	1077492	20.000	ng	0.00
76) Chrysene-d12	21.518	240	764114	20.000	ng	0.00
86) Perylene-d12	23.959	264	820916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	81184	4.956	ng	0.00
7) Phenol-d6	7.131	99	113825	5.156	ng	0.00
23) Nitrobenzene-d5	9.137	82	241768	10.499	ng	-0.02
42) 2,4,6-Tribromophenol	16.095	330	33164	4.974	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	557206	11.433	ng	-0.01
79) Terphenyl-d14	19.965	244	532553	12.545	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.765	202	877498	16.311	ng	98
81) Benzo(a)anthracene	21.506	228	189186	3.651	ng	# 58
83) Chrysene	21.553	228	220572	4.448	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.436	149	83448	2.280	ng	# 77
90) Benzo(a)pyrene	23.847	252	155199	3.573	ng	# 47
92) Benzo(g,h,i)perylene	27.282	276	199033	4.026	ng	# 85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
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Acq On : 10 Jan 2022 19:03
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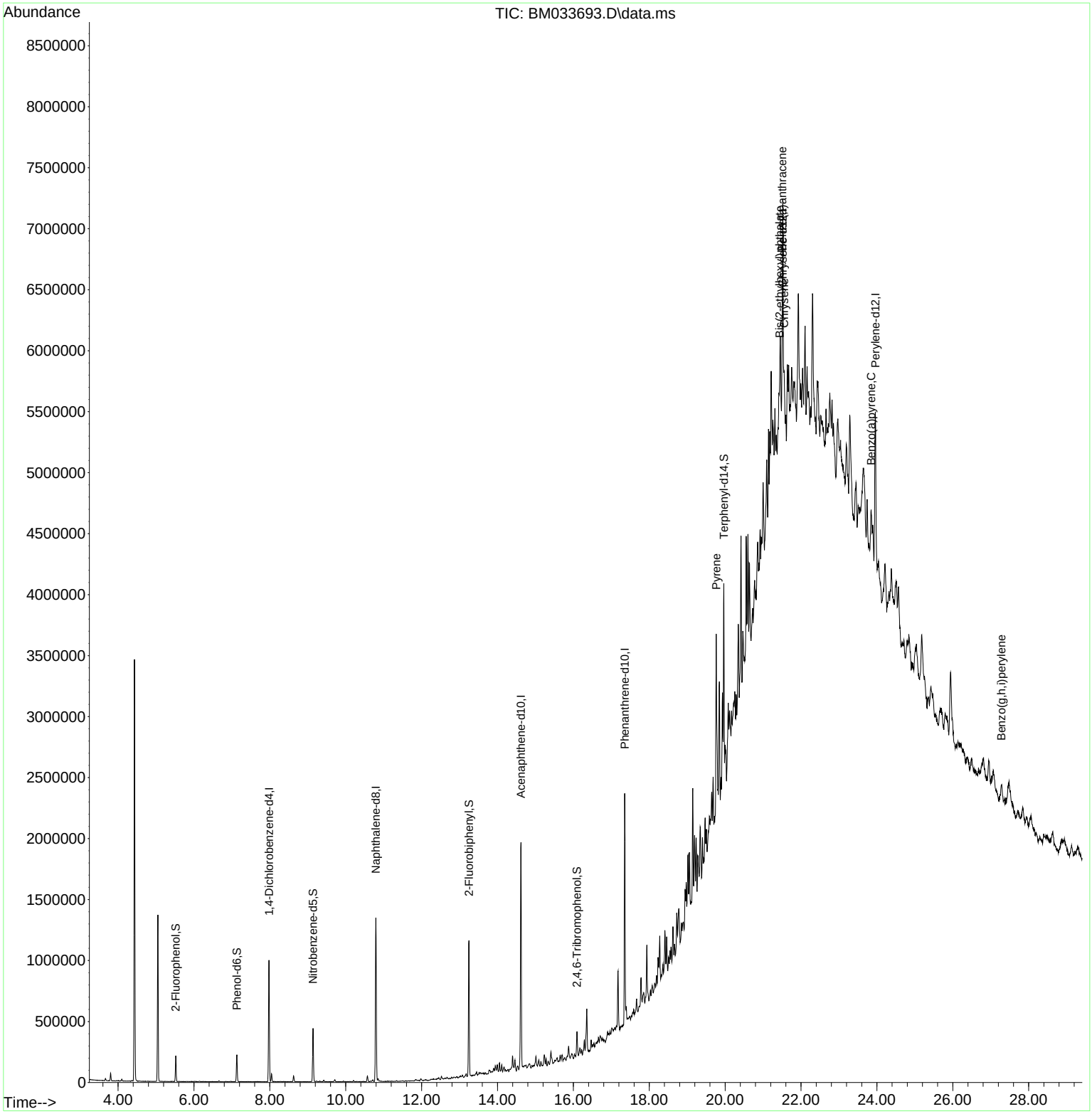
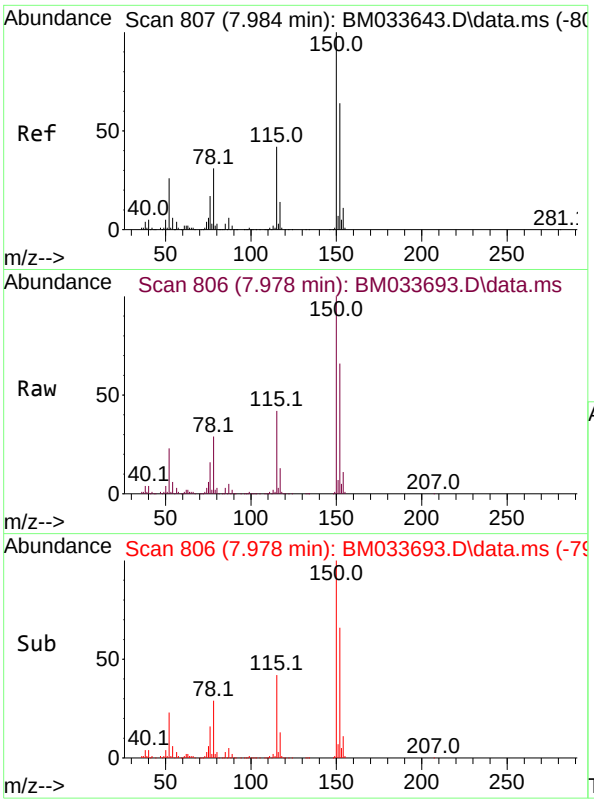
OB-CS-15

Quant Time: Jan 11 02:26:35 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



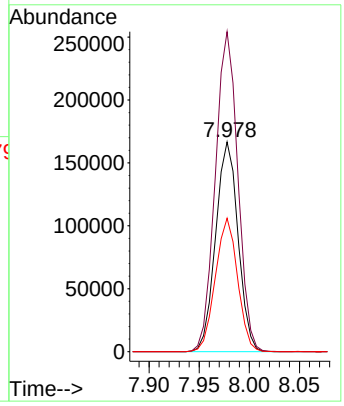


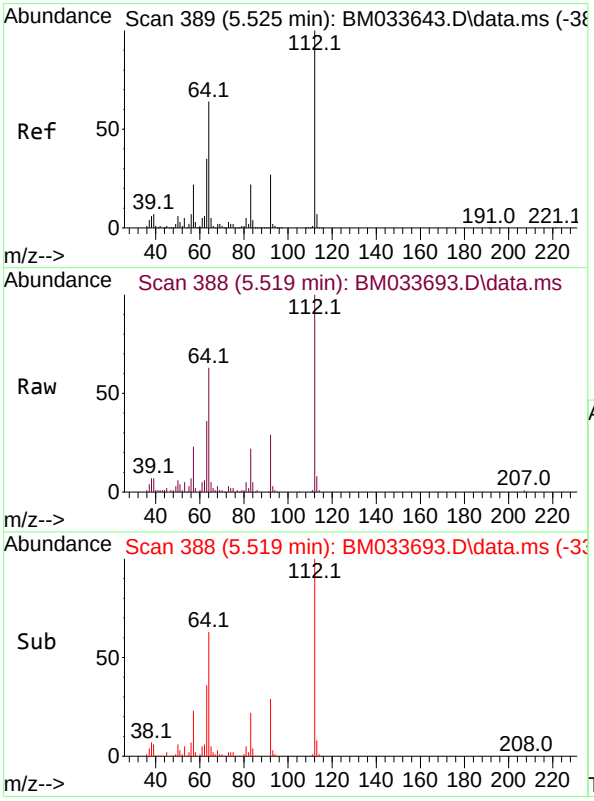
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:152 Resp: 258331

Ion	Ratio	Lower	Upper
152	100		
150	152.5	128.9	193.3
115	63.6	53.0	79.6

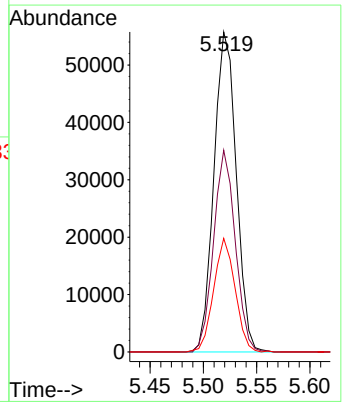


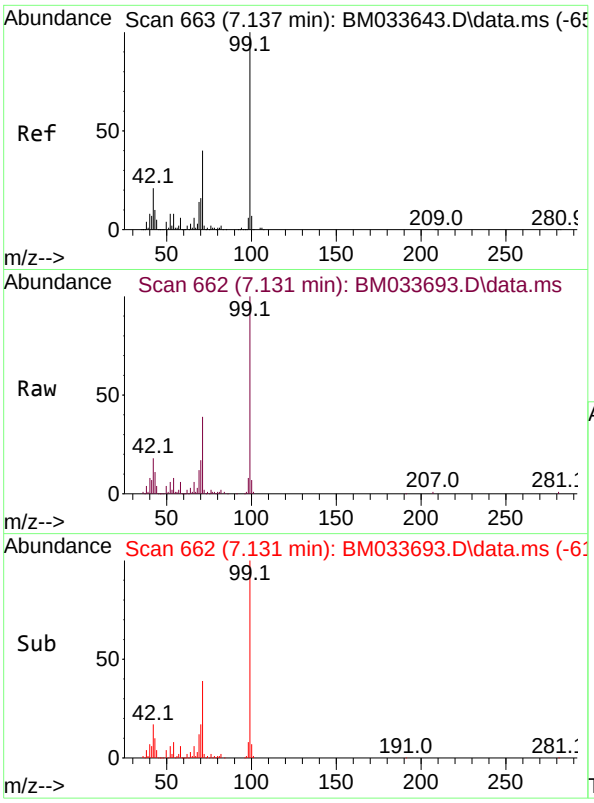


#5
2-Fluorophenol
Concen: 4.956 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:112 Resp: 81184

Ion	Ratio	Lower	Upper
112	100		
64	63.0	55.5	83.3
63	35.5	31.3	46.9



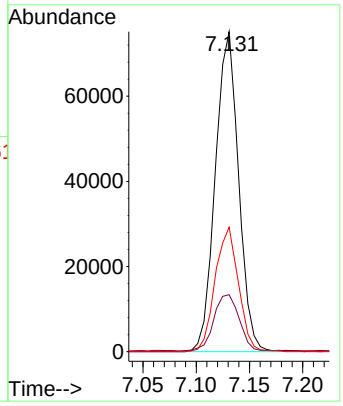


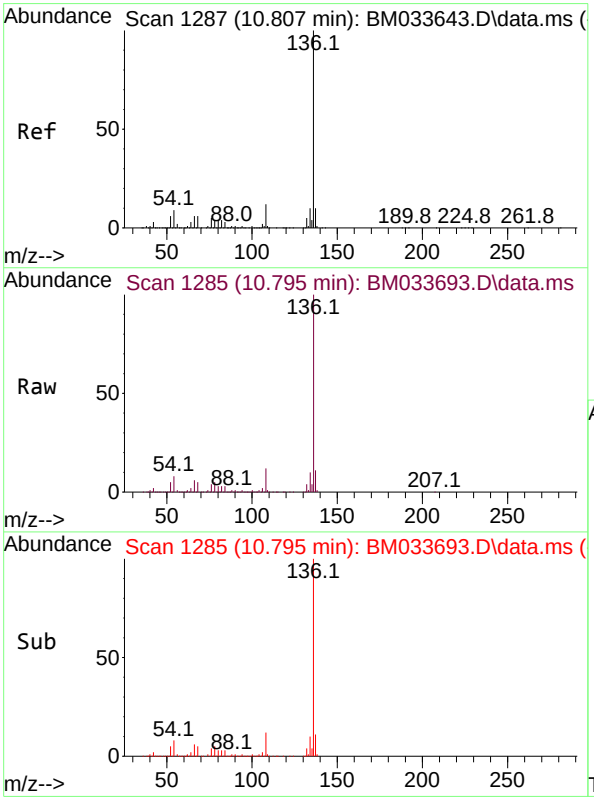
#7
Phenol-d6
Concen: 5.156 ng
RT: 7.131 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion: 99 Resp: 113825

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.3	30.5#
71	38.9	34.5	51.7

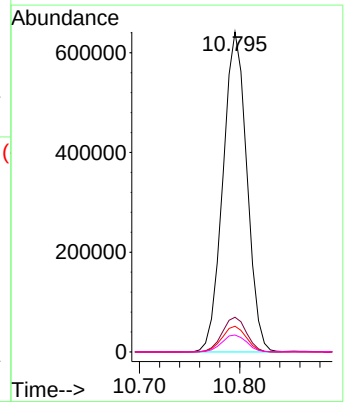


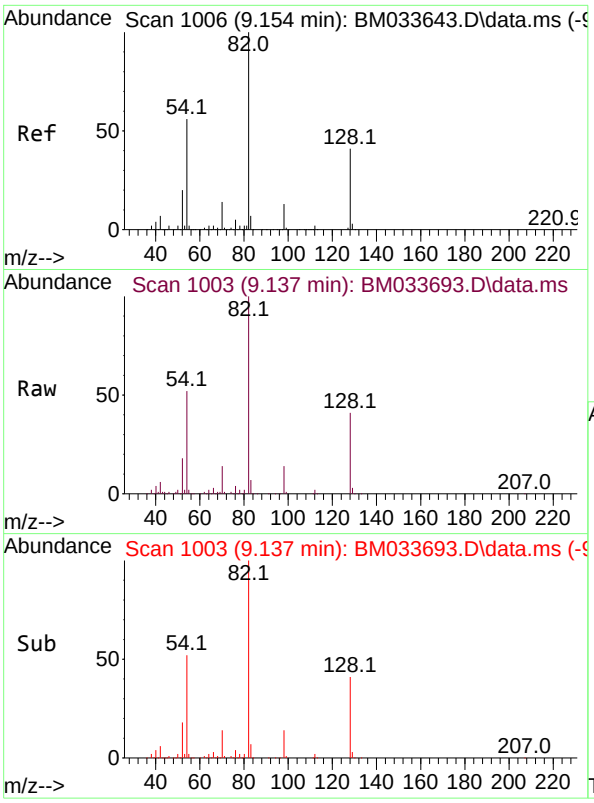


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:136 Resp: 1063489

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	8.3	12.5#
68	5.3	5.0	7.6



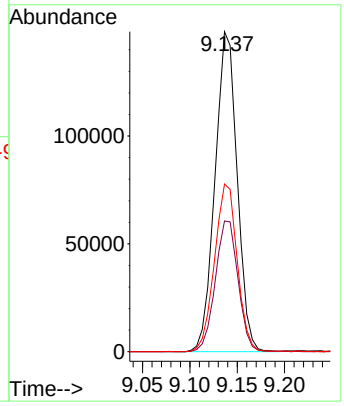


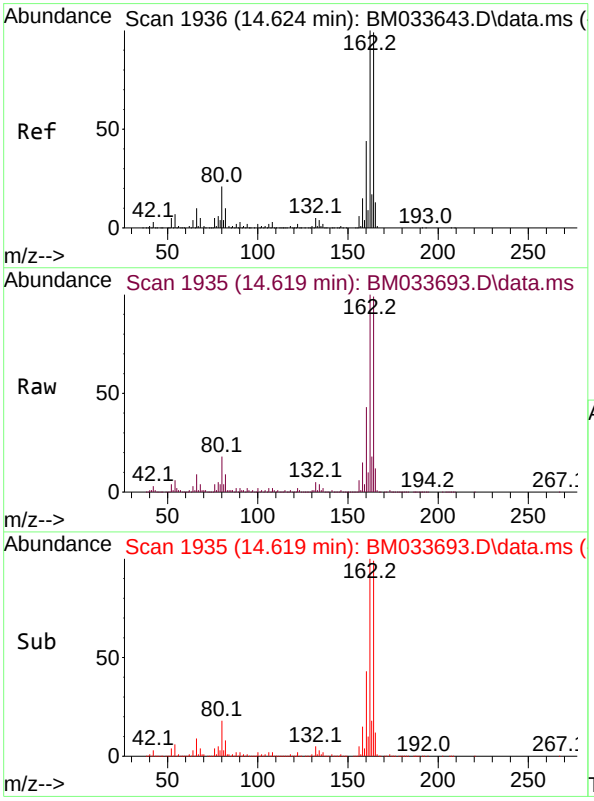
#23
Nitrobenzene-d5
Concen: 10.499 ng
RT: 9.137 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion: 82 Resp: 241768

Ion	Ratio	Lower	Upper
82	100		
128	40.9	28.1	42.1
54	52.4	46.1	69.1

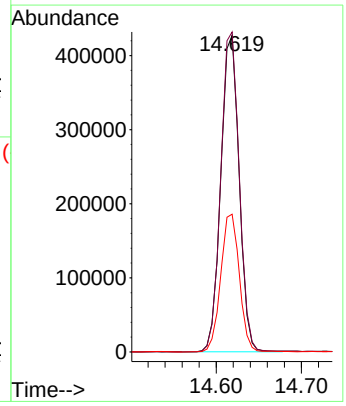


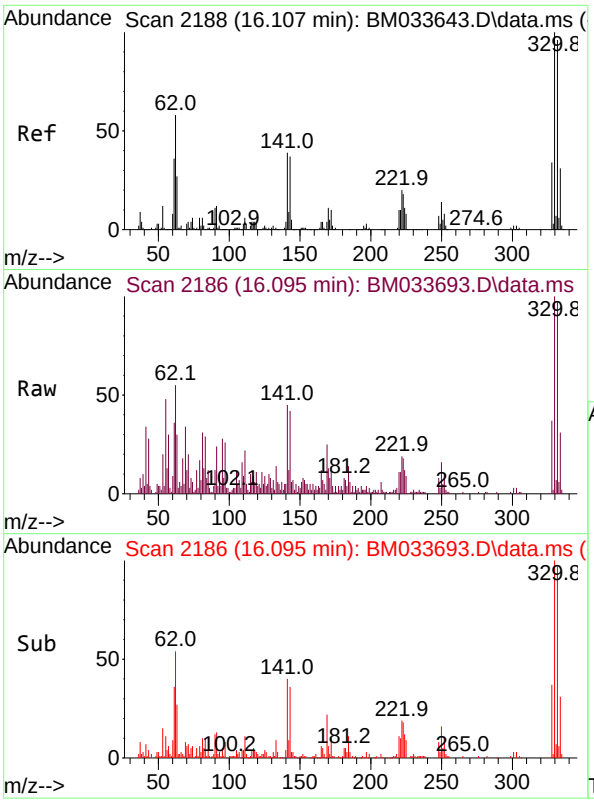


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:164 Resp: 638360

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.7	119.5
160	43.5	34.2	51.4



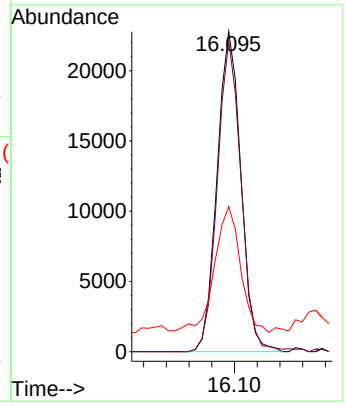


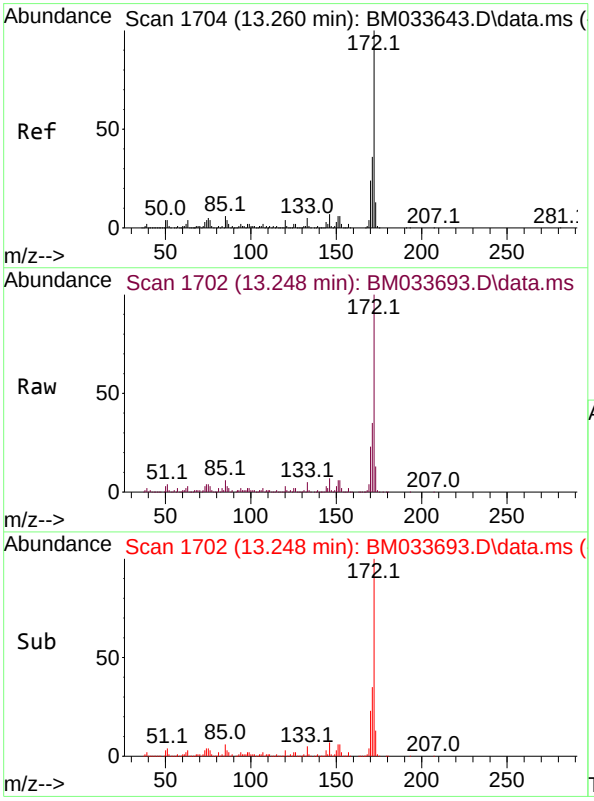
#42
2,4,6-Tribromophenol
Concen: 4.974 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:330 Resp: 33164

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.5	114.7
141	42.8	35.9	53.9

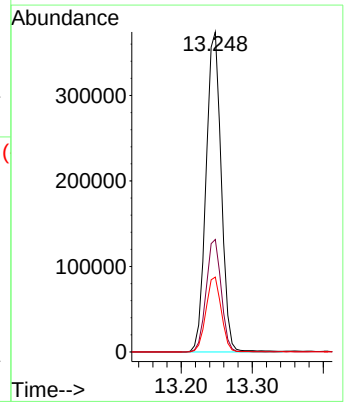


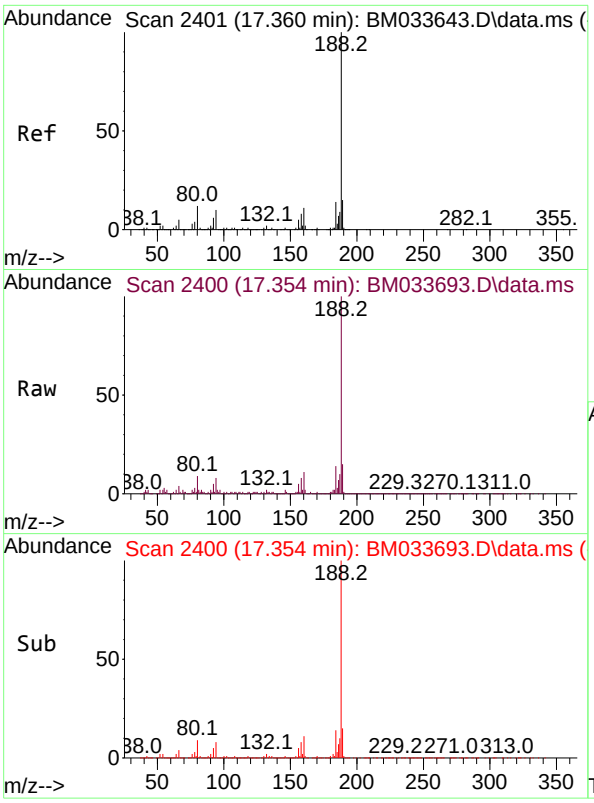


#45
2-Fluorobiphenyl
Concen: 11.433 ng
RT: 13.248 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:172 Resp: 557206

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.2	40.8
170	23.4	18.7	28.1



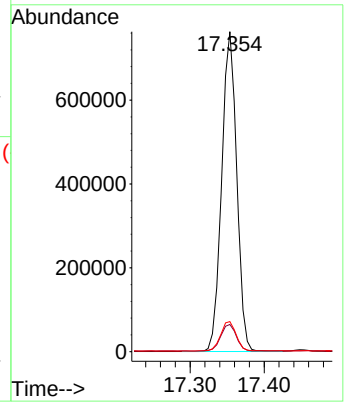


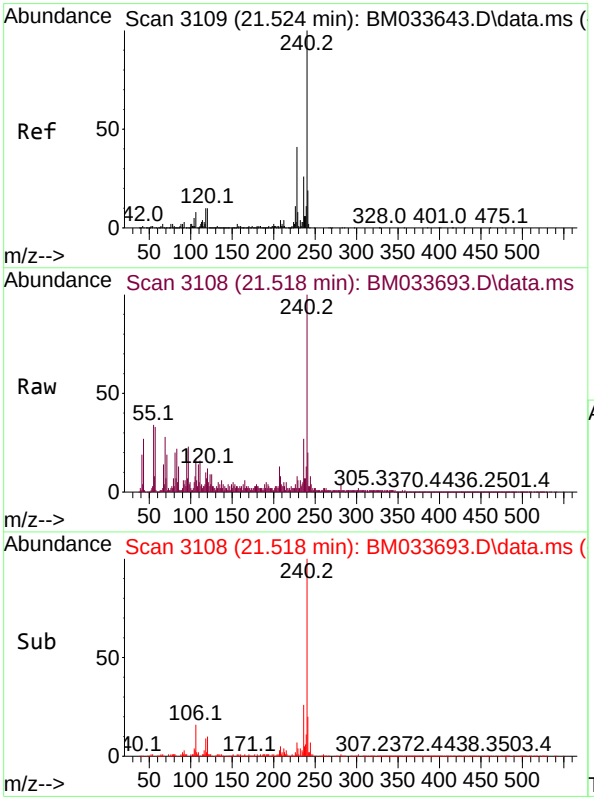
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:188 Resp: 1077492

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.5	11.3
80	9.4	8.9	13.3

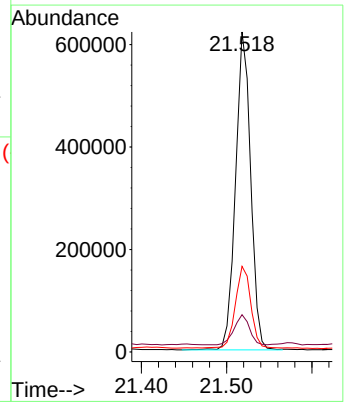


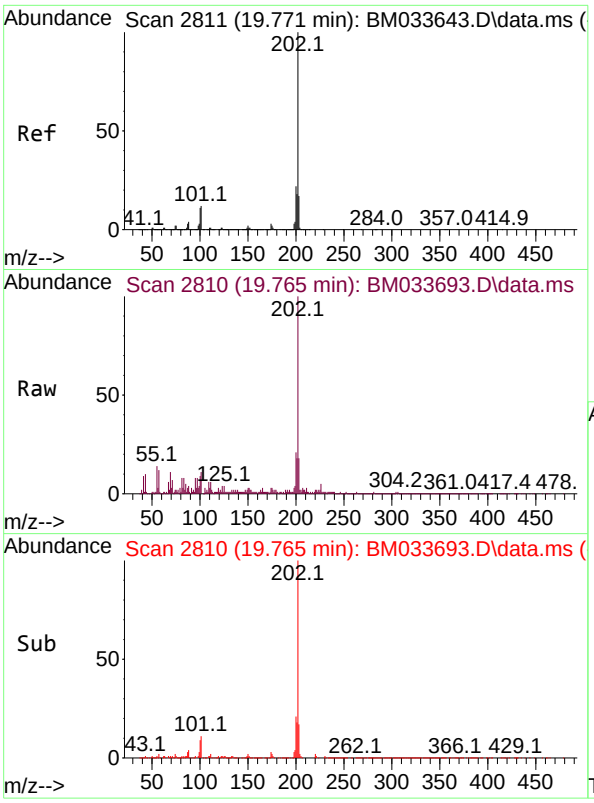


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:240 Resp: 764114

Ion	Ratio	Lower	Upper
240	100		
120	11.6	7.8	11.6
236	26.8	20.3	30.5



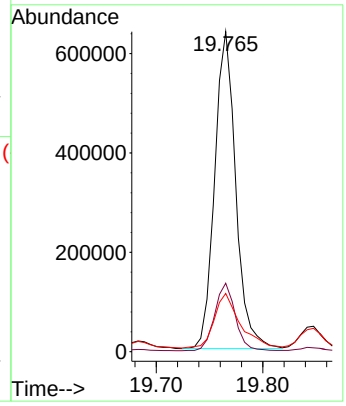


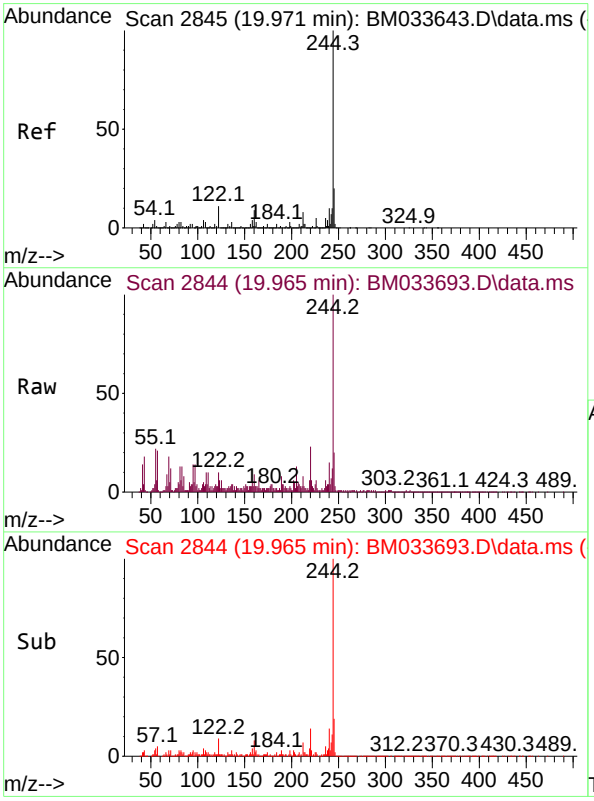
#78
Pyrene
Concen: 16.311 ng
RT: 19.765 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:202 Resp: 877498

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.4	24.6
203	18.2	13.5	20.3

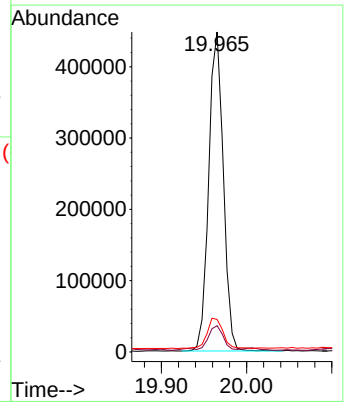


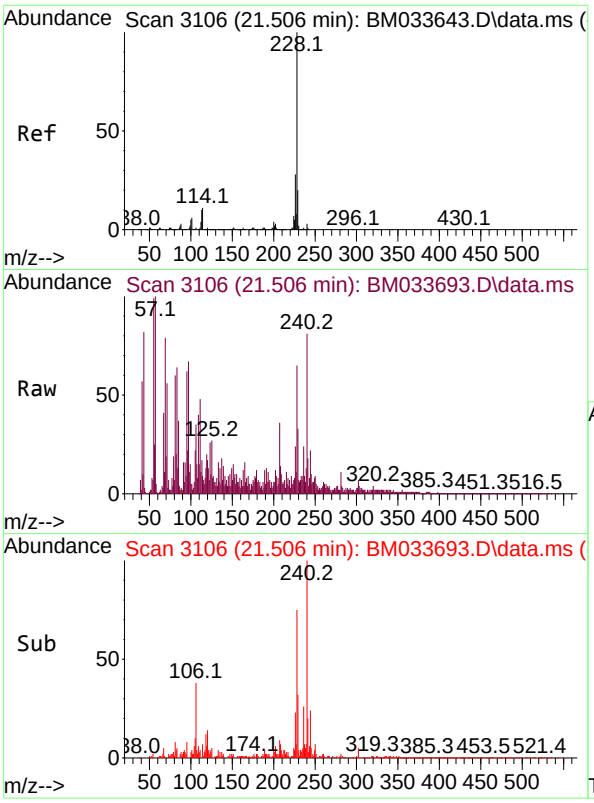


#79
Terphenyl-d14
Concen: 12.545 ng
RT: 19.965 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:244 Resp: 532553

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	10.2	8.4	12.6



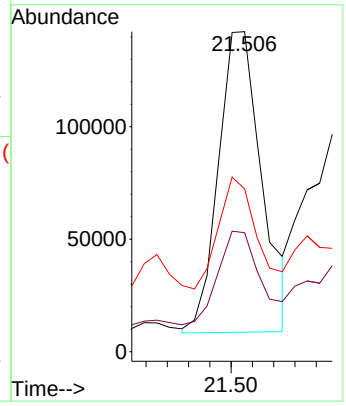


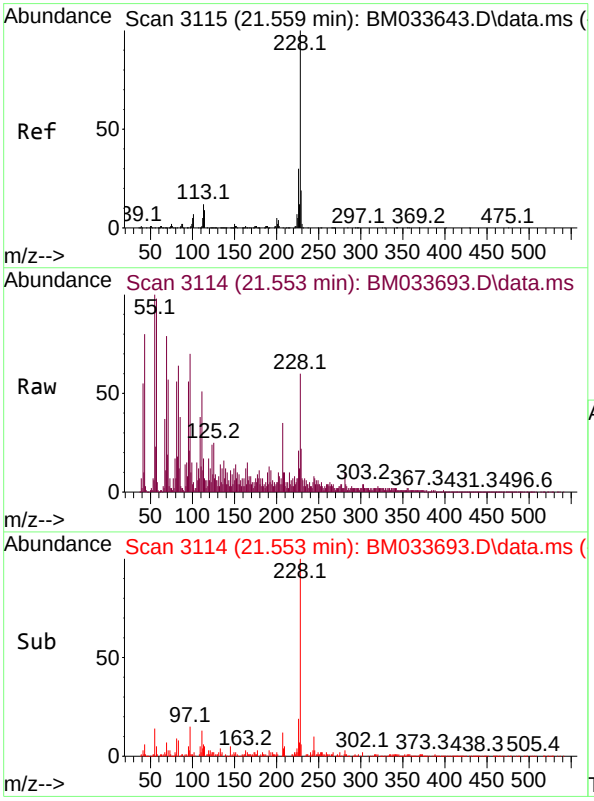
#81
Benzo(a)anthracene
Concen: 3.651 ng
RT: 21.506 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:228 Resp: 189186

Ion	Ratio	Lower	Upper
228	100		
226	37.2	21.0	31.6#
229	50.8	15.5	23.3#

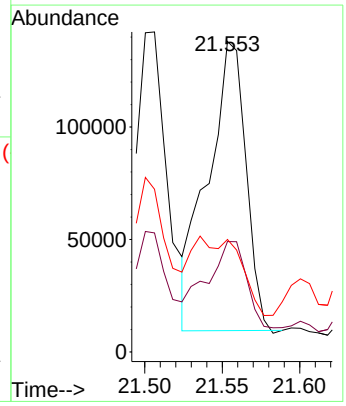


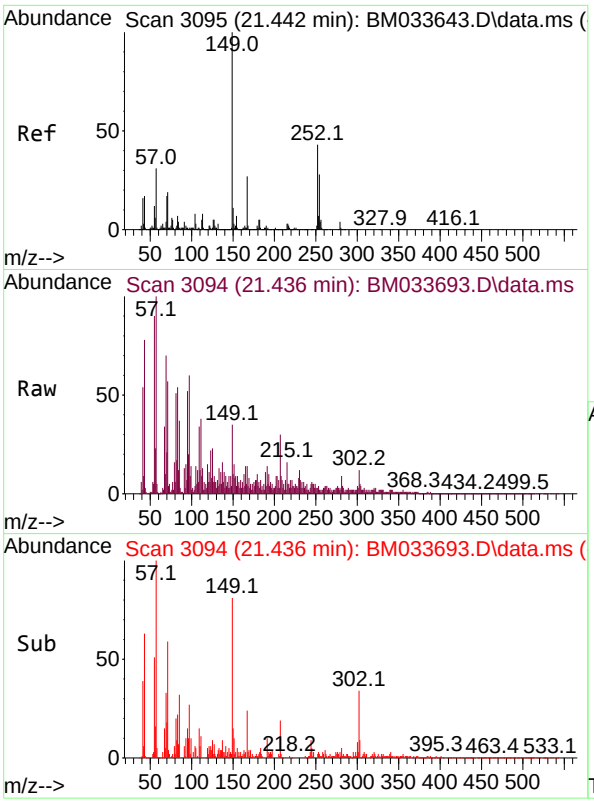


#83
Chrysene
Concen: 4.448 ng
RT: 21.553 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:228 Resp: 220572

Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.8	35.8
229	36.2	15.8	23.8#



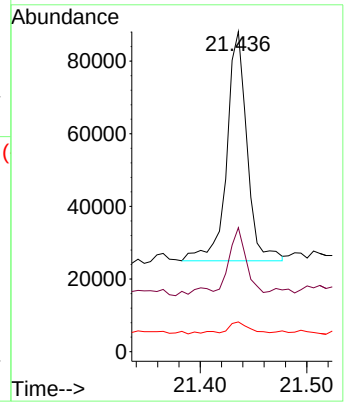


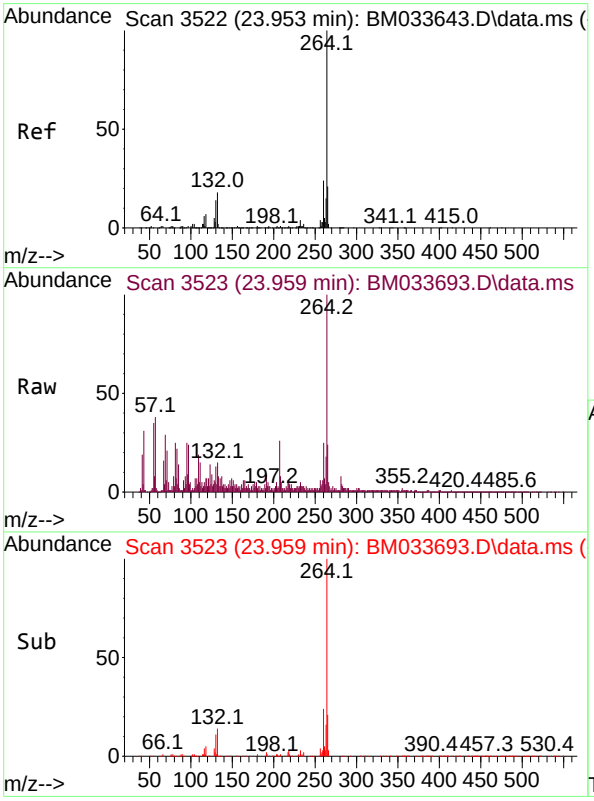
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.280 ng
RT: 21.436 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:149 Resp: 83448

Ion	Ratio	Lower	Upper
149	100		
167	38.8	21.4	32.0#
279	9.3	3.0	4.6#

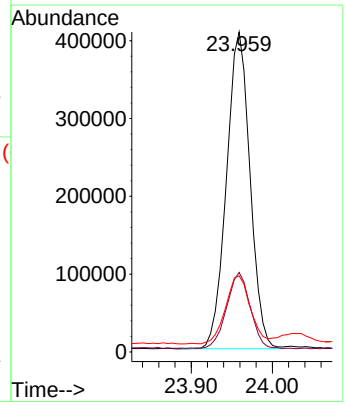


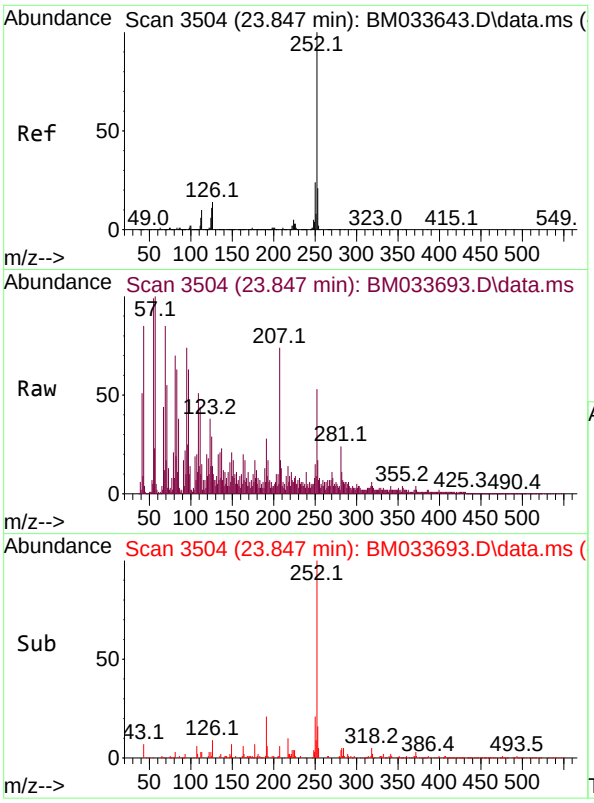


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.959 min Scan# 3523
Delta R.T. 0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:264 Resp: 820916

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.7	26.5
265	23.8	17.7	26.5



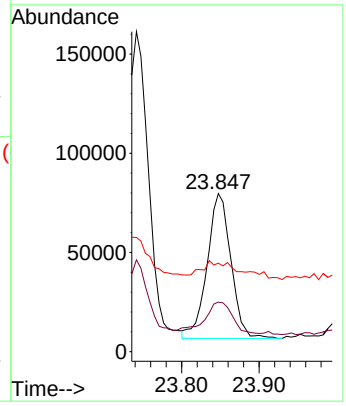


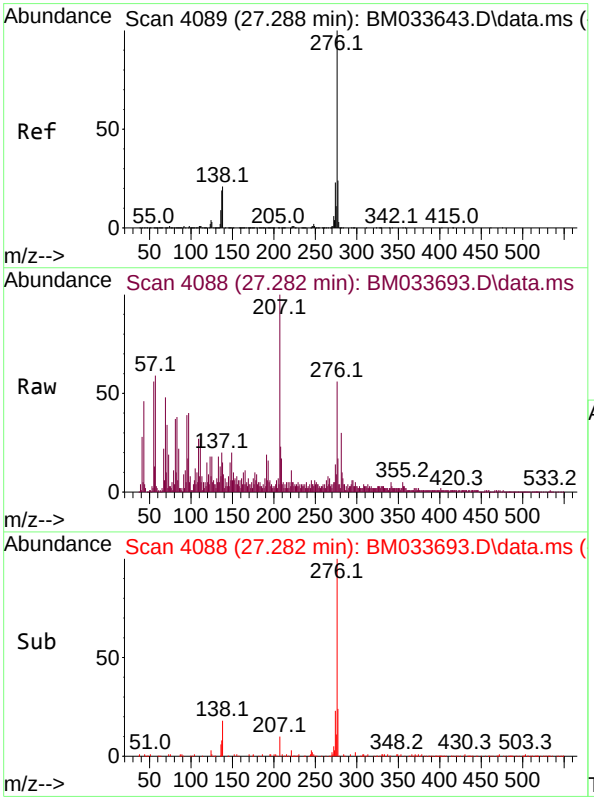
#90
Benzo(a)pyrene
Concen: 3.573 ng
RT: 23.847 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Instrument :
BNA_M
ClientSampleId :
OB-CS-15

Tgt Ion:252 Resp: 155199

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.5	26.3#
125	56.0	7.8	11.8#





#92
Benzo(g,h,i)perylene
Concen: 4.026 ng
RT: 27.282 min Scan# 4088
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:276 Resp: 199033

Ion	Ratio	Lower	Upper
276	100		
277	29.7	19.1	28.7#
138	27.5	14.8	22.2#