Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
Data File : BG054637.D
Acq On : 14 Aug 2022 18:02
Operator : CG/JU
Sample : N4102-01DL 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Quant Time: Aug 15 04:20:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 00:32:40 2022
Response via : Initial Calibration

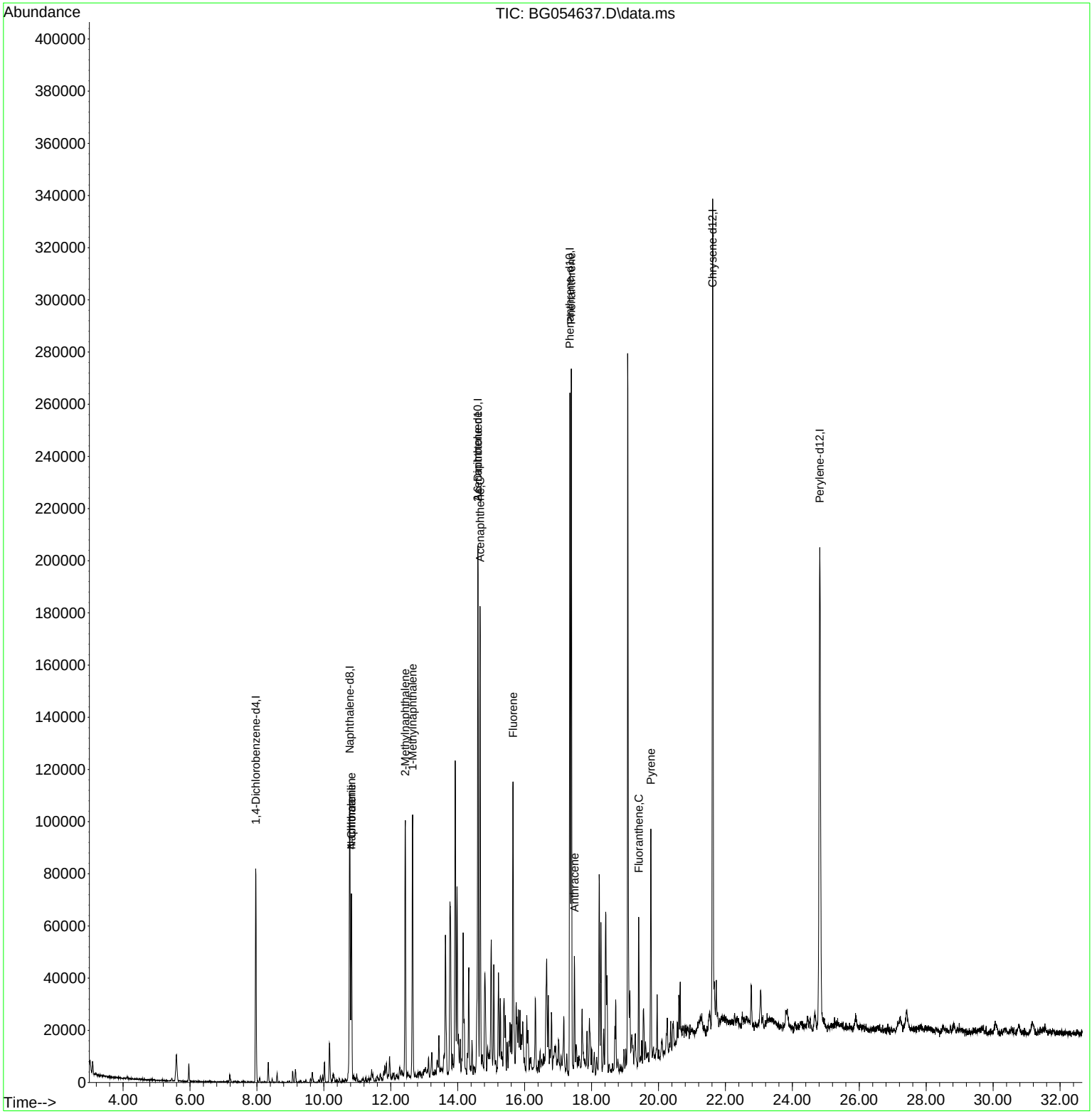
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	26257	20.000	ng		0.00
21) Naphthalene-d8	10.778	136	100935	20.000	ng		# 0.00
39) Acenaphthene-d10	14.603	164	74356	20.000	ng		0.00
64) Phenanthrene-d10	17.352	188	185723	20.000	ng		# 0.00
76) Chrysene-d12	21.618	240	216221	20.000	ng		#-0.01
86) Perylene-d12	24.820	264	227947	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.560	112	1787	1.421	ng		0.00
7) Phenol-d6	7.194	99	2248	1.305	ng		0.02
23) Nitrobenzene-d5	9.156	82	1761	0.950	ng		0.02
42) 2,4,6-Tribromophenol	16.113	330	1529	0.979	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	5771	1.095	ng		0.00
79) Terphenyl-d14	19.961	244	13207	1.212	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.825	128	62777	12.390	ng		98
33) 4-Chloroaniline	10.825	127	8388	4.071	ng	#	34
37) 2-Methylnaphthalene	12.435	142	50538	12.989	ng		97
38) 1-Methylnaphthalene	12.652	142	49130	12.958	ng		97
51) 2,6-Dinitrotoluene	14.603	165	12884	10.114	ng	#	17
52) Acenaphthene	14.667	154	66762	17.429	ng		98
58) Fluorene	15.654	166	53667	9.577	ng		91
71) Phenanthrene	17.394	178	192545	20.818	ng		98
72) Anthracene	17.488	178	32408	3.571	ng		99
75) Fluoranthene	19.409	202	38645	3.065	ng		96
78) Pyrene	19.773	202	61930	4.992	ng		99

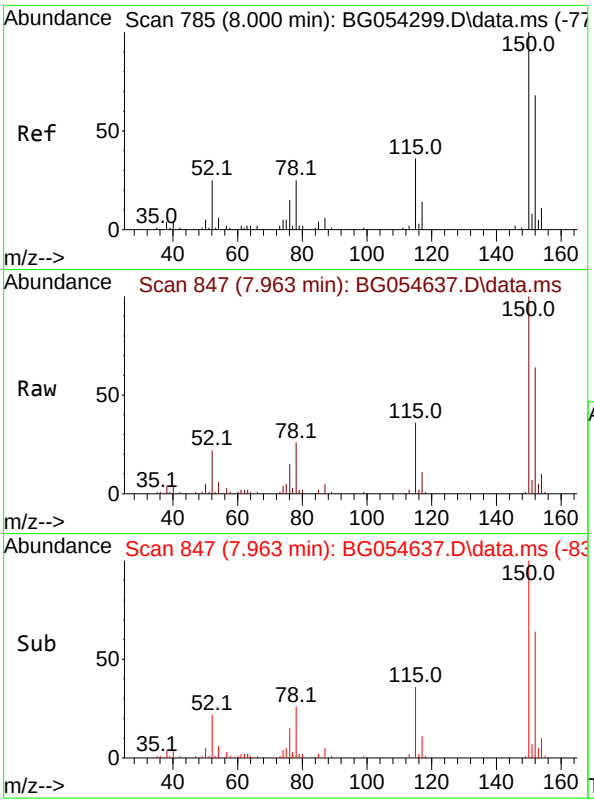
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
Data File : BG054637.D
Acq On : 14 Aug 2022 18:02
Operator : CG/JU
Sample : N4102-01DL 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Quant Time: Aug 15 04:20:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 00:32:40 2022
Response via : Initial Calibration



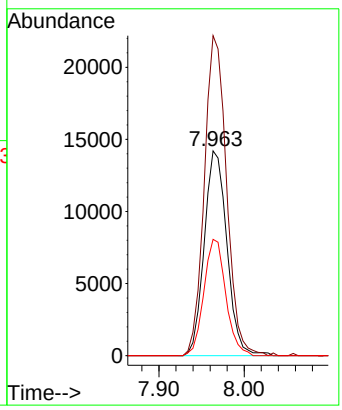


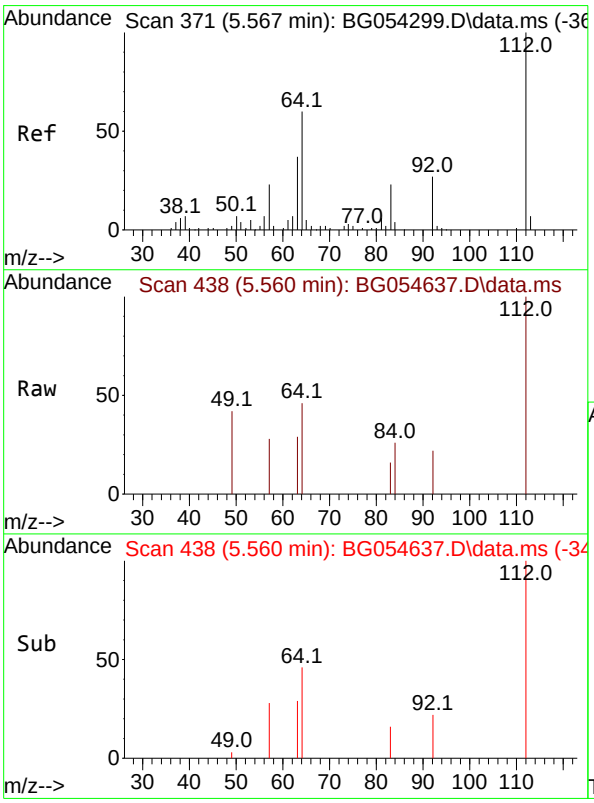
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:152 Resp: 26257

Ion	Ratio	Lower	Upper
152	100		
150	156.2	131.6	197.4
115	56.8	50.9	76.3

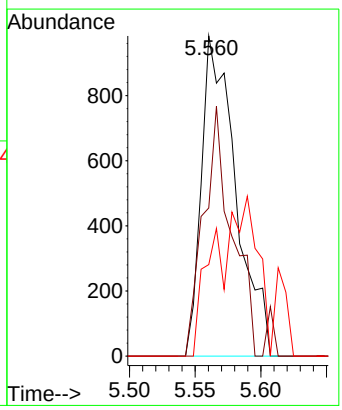


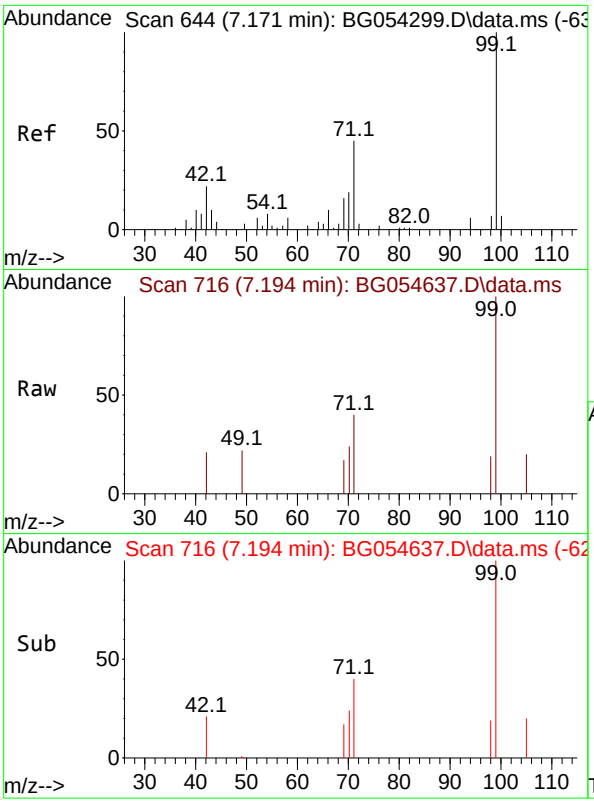


#5
2-Fluorophenol
Concen: 1.421 ng
RT: 5.560 min Scan# 438
Delta R.T. 0.007 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:112 Resp: 1787

Ion	Ratio	Lower	Upper
112	100		
64	46.3	55.1	82.7#
63	28.6	30.4	45.6#



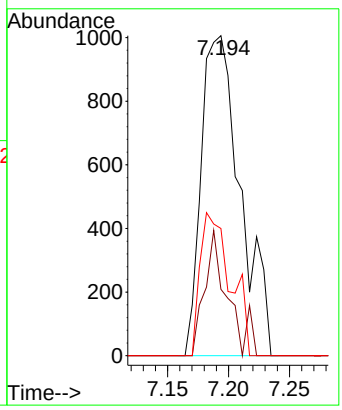


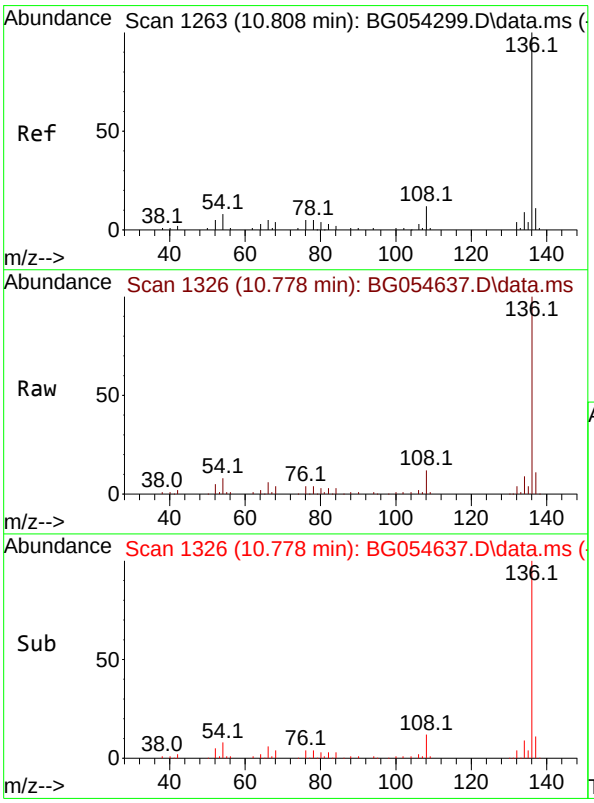
#7
Phenol-d6
Concen: 1.305 ng
RT: 7.194 min Scan# 7
Delta R.T. 0.025 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion: 99 Resp: 2248

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.6
71	39.8	33.8	50.8

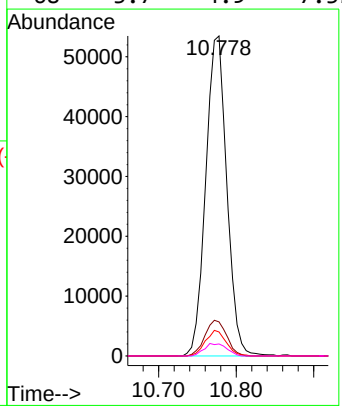


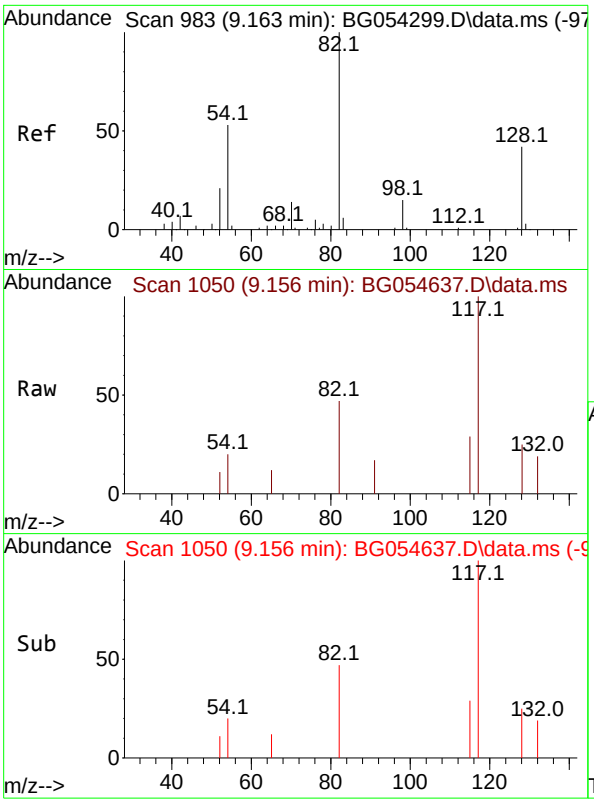


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. 0.001 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:136 Resp: 100935

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.5	7.4	11.2
68	3.7	4.9	7.3#



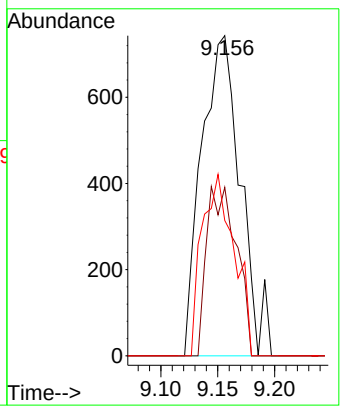


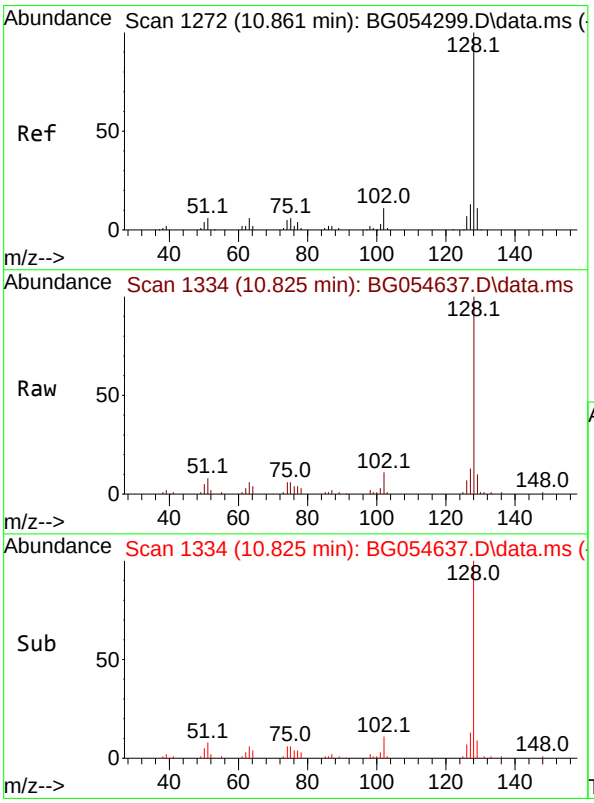
#23
Nitrobenzene-d5
Concen: 0.950 ng
RT: 9.156 min Scan# 1
Delta R.T. 0.019 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion: 82 Resp: 1761

Ion	Ratio	Lower	Upper
82	100		
128	52.6	27.9	41.9#
54	42.3	41.2	61.8

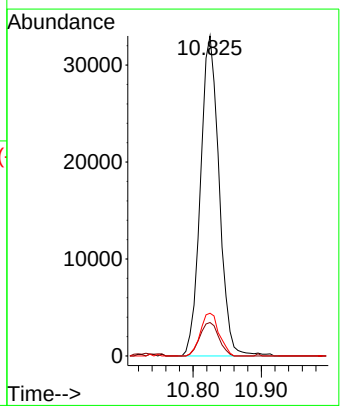


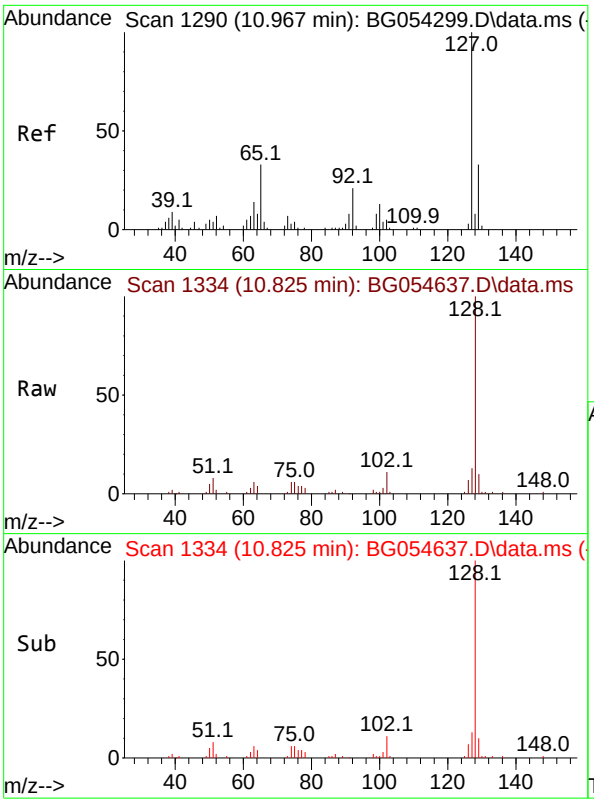


#31
Naphthalene
Concen: 12.390 ng
RT: 10.825 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:128 Resp: 62777

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	13.3	11.1	16.7



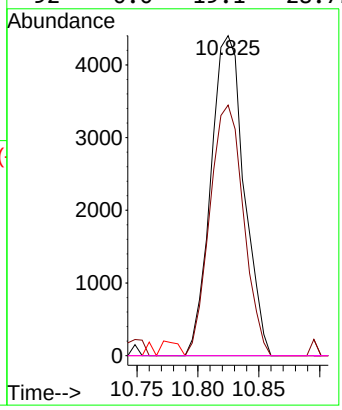


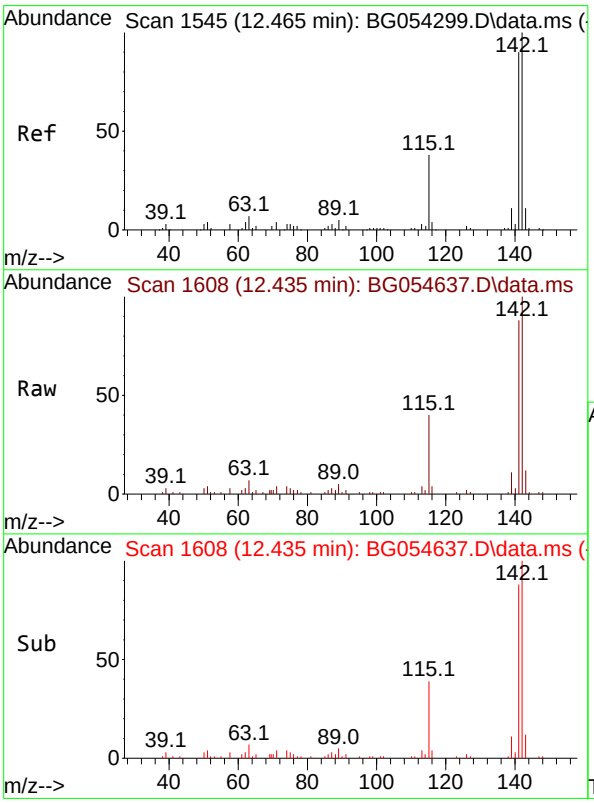
#33
4-Chloroaniline
Concen: 4.071 ng
RT: 10.825 min Scan# 1
Delta R.T. -0.122 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:127 Resp: 8388

Ion	Ratio	Lower	Upper
127	100		
129	78.3	26.3	39.5#
65	0.0	31.1	46.7#
92	0.0	19.1	28.7#

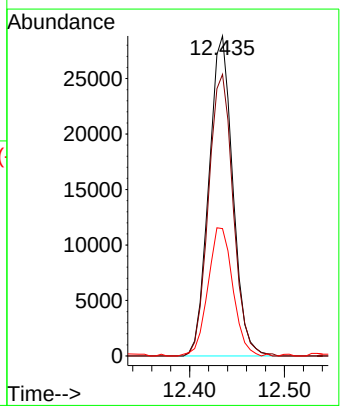


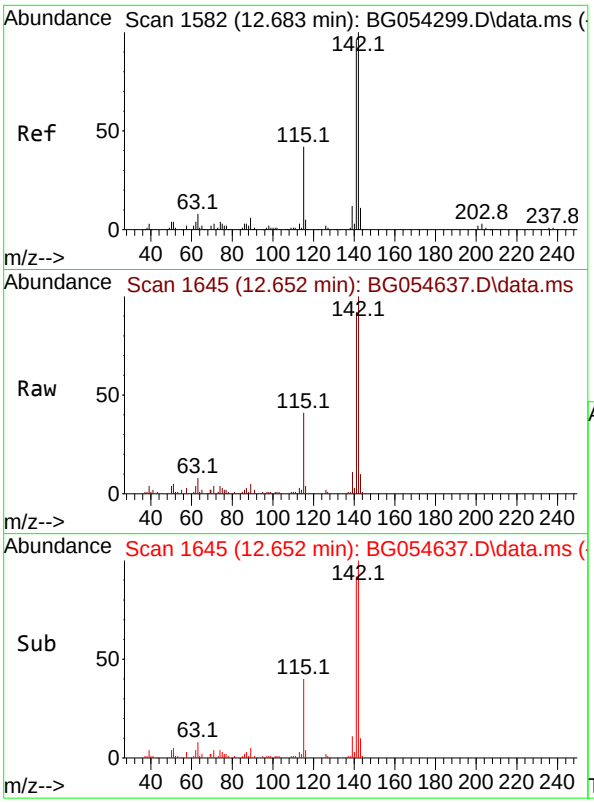


#37
2-Methylnaphthalene
Concen: 12.989 ng
RT: 12.435 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:142 Resp: 50538

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.3	108.5
115	39.8	33.7	50.5



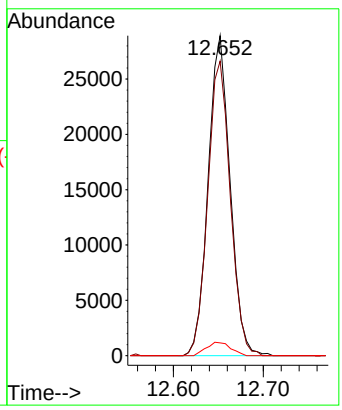


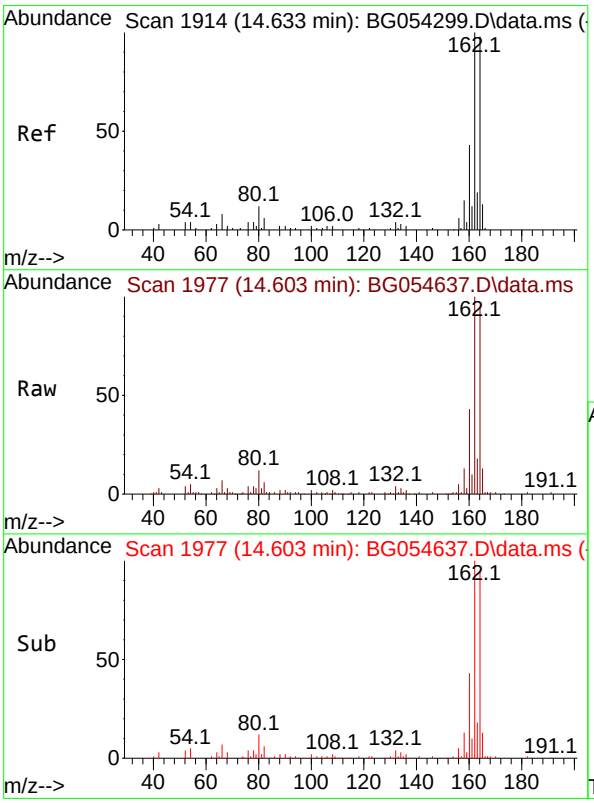
#38
1-Methylnaphthalene
Concen: 12.958 ng
RT: 12.652 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:142 Resp: 49130

Ion	Ratio	Lower	Upper
142	100		
141	92.1	76.4	114.6
116	4.0	3.3	4.9

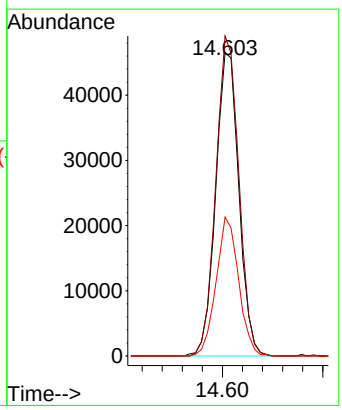


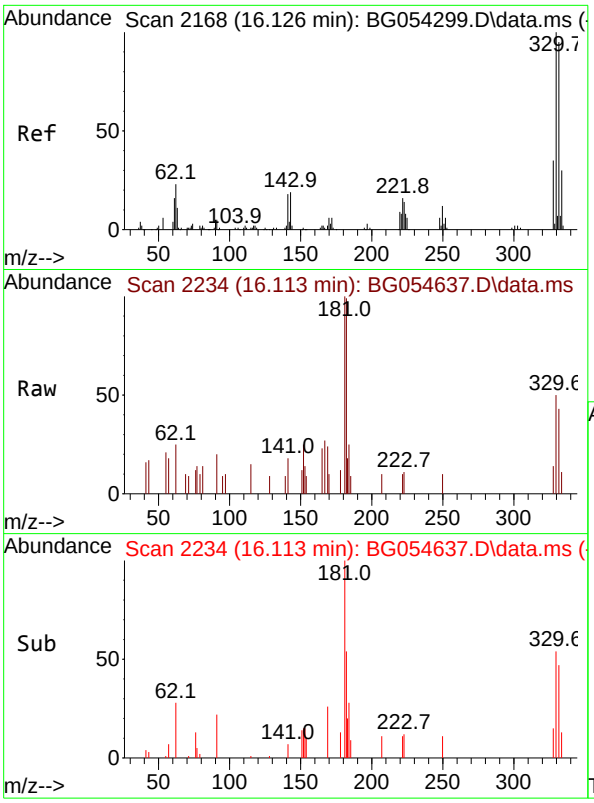


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.603 min Scan# 1977
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:164 Resp: 74356

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.3	123.5
160	45.8	34.2	51.2



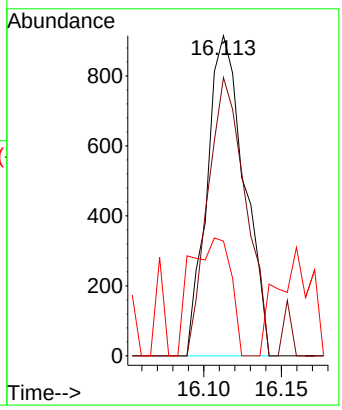


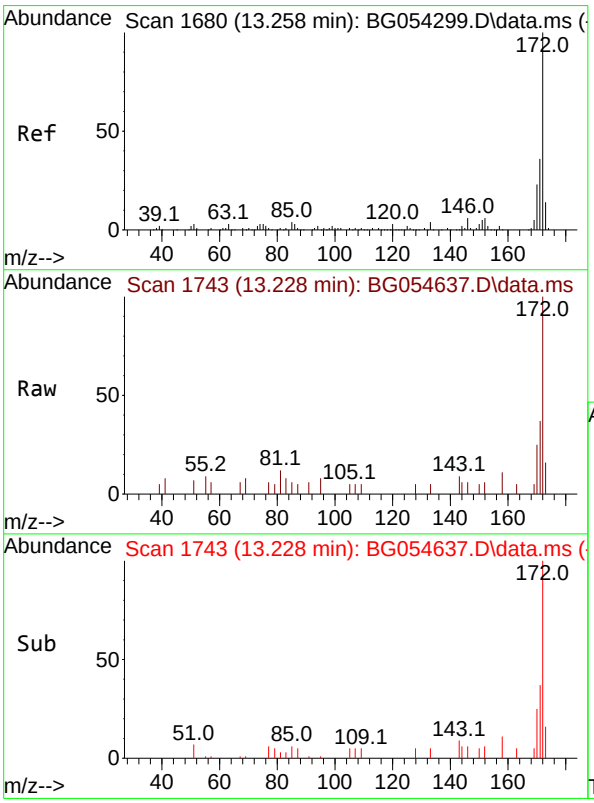
#42
2,4,6-Tribromophenol
Concen: 0.979 ng
RT: 16.113 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:330 Resp: 1529

Ion	Ratio	Lower	Upper
330	100		
332	87.6	76.0	114.0
141	39.8	27.1	40.7

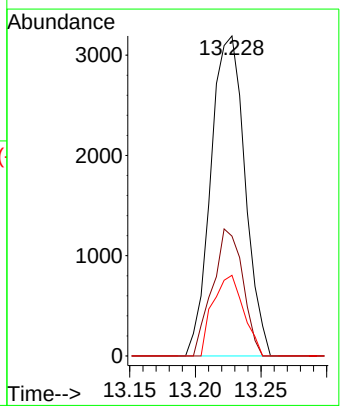


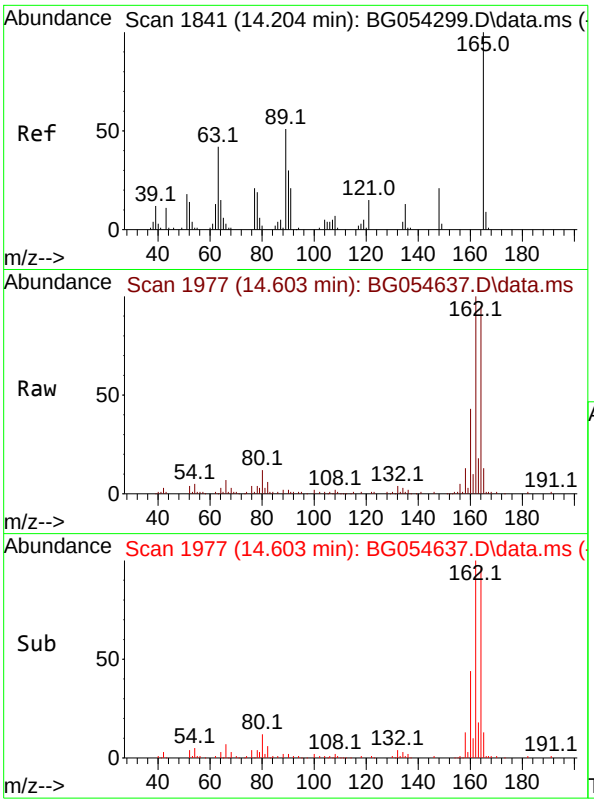


#45
2-Fluorobiphenyl
Concen: 1.095 ng
RT: 13.228 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:172 Resp: 5771

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.5	42.7
170	25.2	18.9	28.3



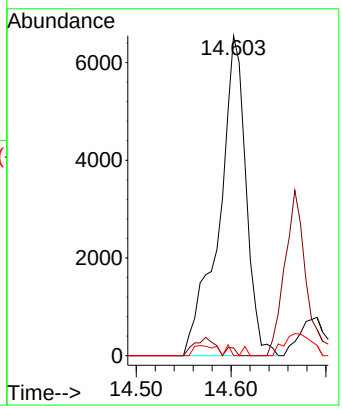


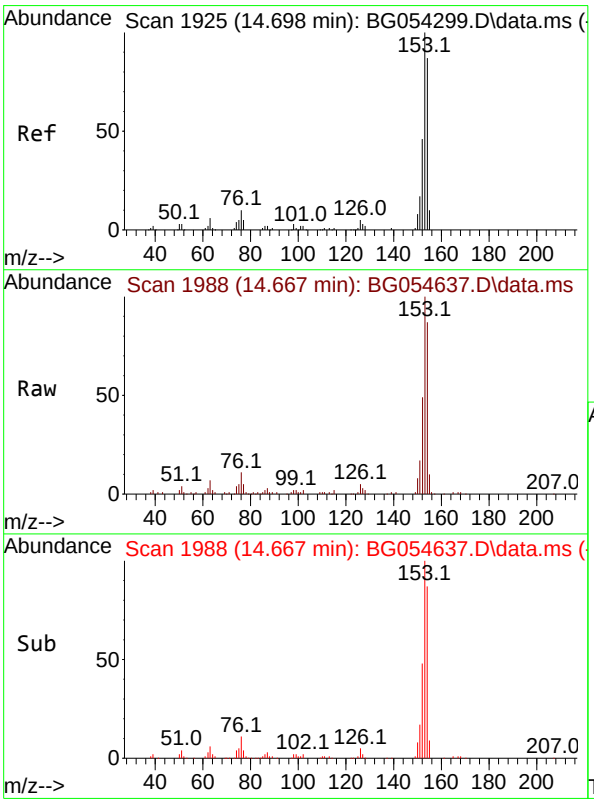
#51
2,6-Dinitrotoluene
Concen: 10.114 ng
RT: 14.603 min Scan# 1
Delta R.T. 0.413 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:165 Resp: 12884

Ion	Ratio	Lower	Upper
165	100		
63	2.5	54.1	81.1#
89	0.0	54.8	82.2#

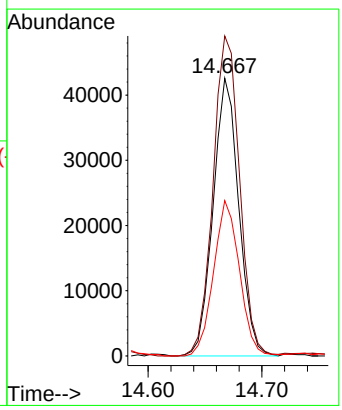


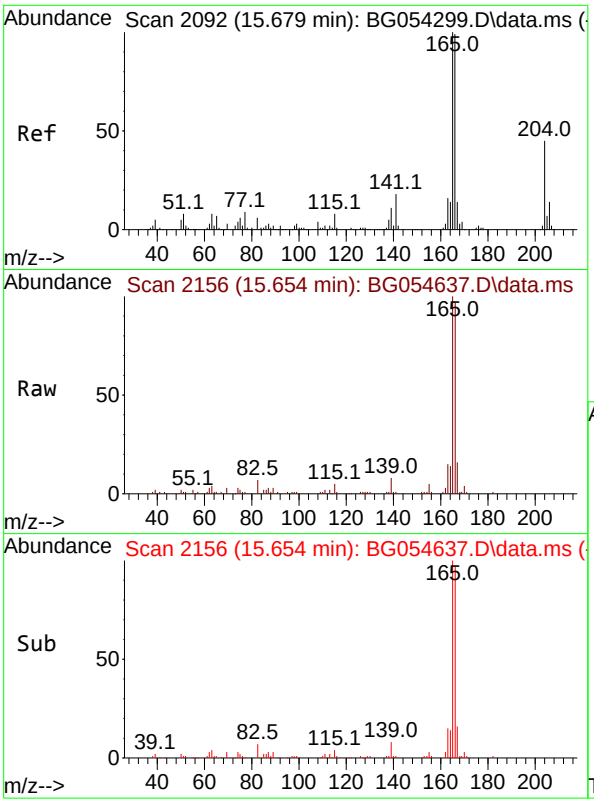


#52
Acenaphthene
Concen: 17.429 ng
RT: 14.667 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:154 Resp: 66762

Ion	Ratio	Lower	Upper
154	100		
153	115.2	92.7	139.1
152	55.9	42.6	64.0



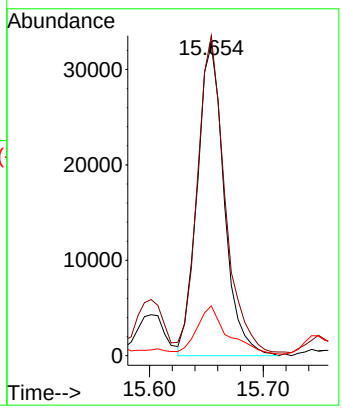


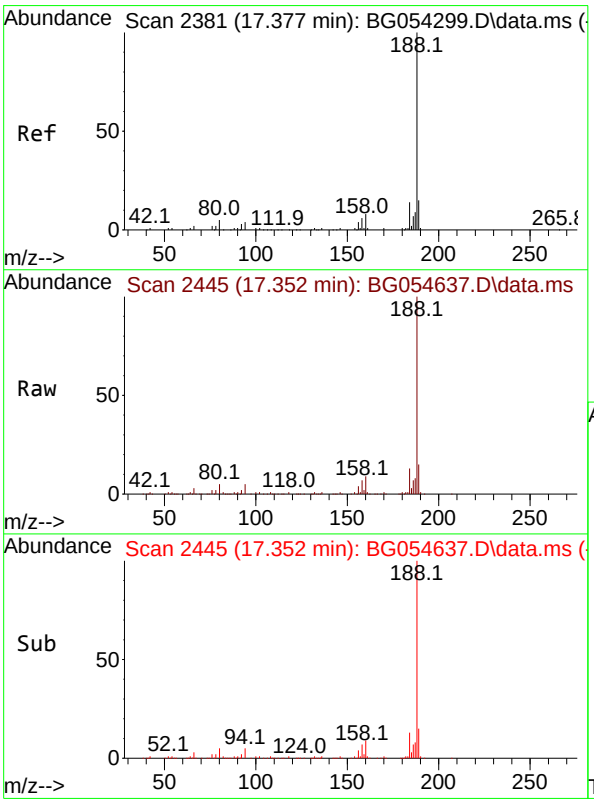
#58
Fluorene
Concen: 9.577 ng
RT: 15.654 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:166 Resp: 53667

Ion	Ratio	Lower	Upper
166	100		
165	103.0	75.0	112.6
167	16.0	10.8	16.2

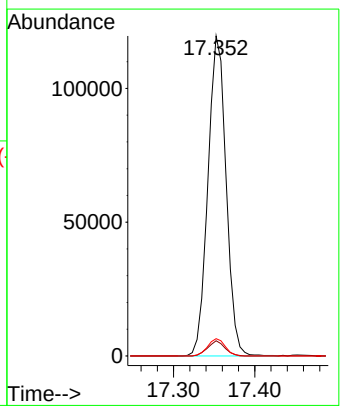


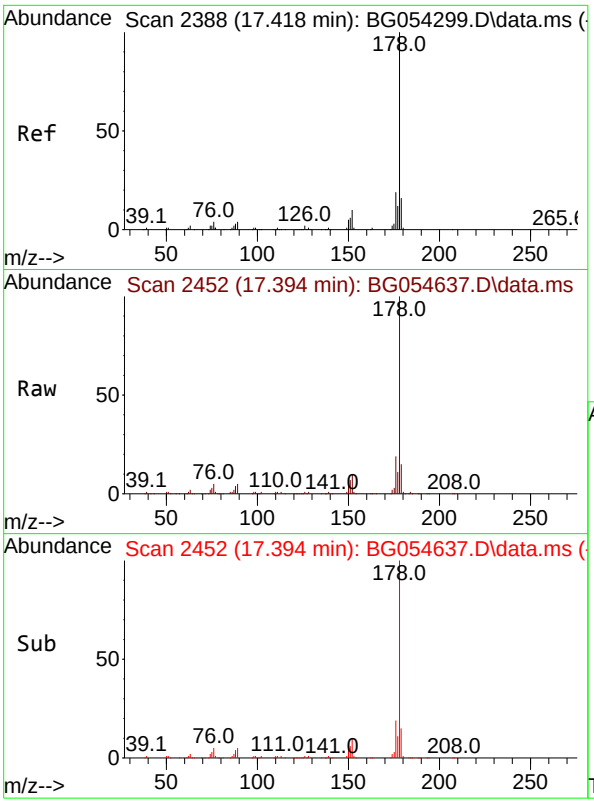


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.352 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:188 Resp: 185723

Ion	Ratio	Lower	Upper
188	100		
94	4.7	5.4	8.0#
80	5.4	6.8	10.2#



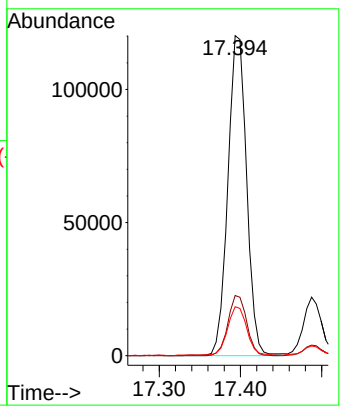


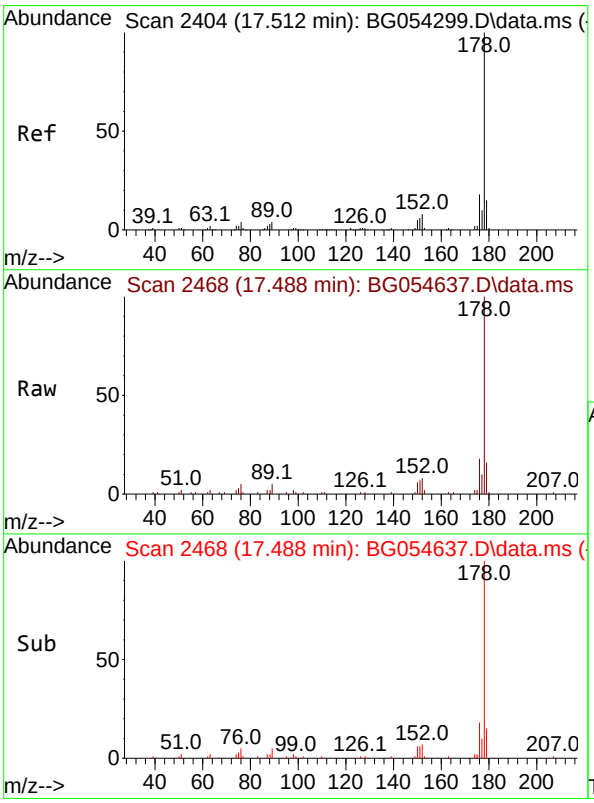
#71
Phenanthrene
Concen: 20.818 ng
RT: 17.394 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:178 Resp: 192545

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	15.3	12.1	18.1

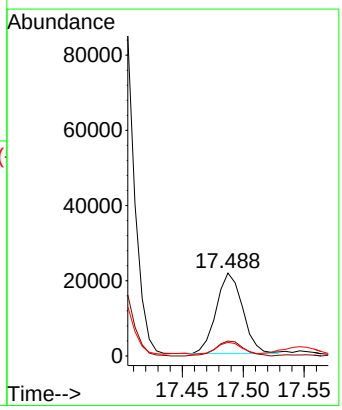


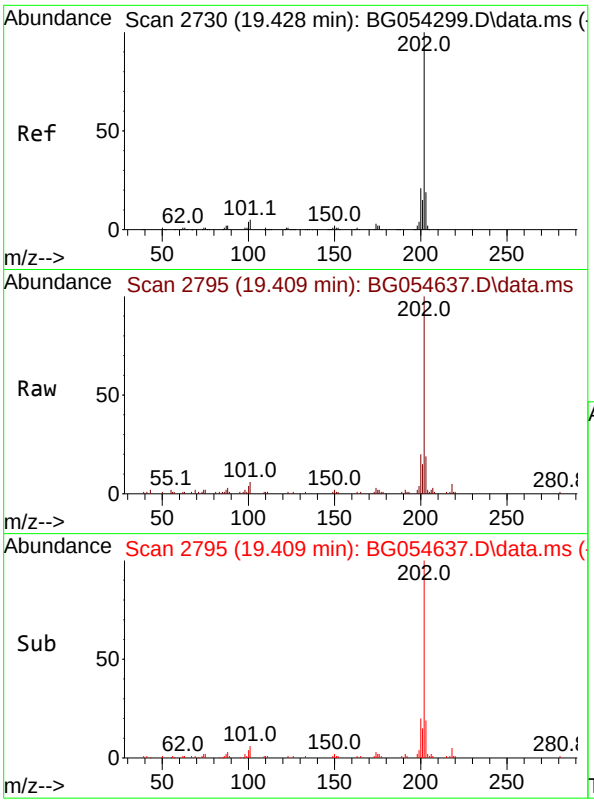


#72
Anthracene
Concen: 3.571 ng
RT: 17.488 min Scan# 2468
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:178 Resp: 32408

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	16.4	13.0	19.4



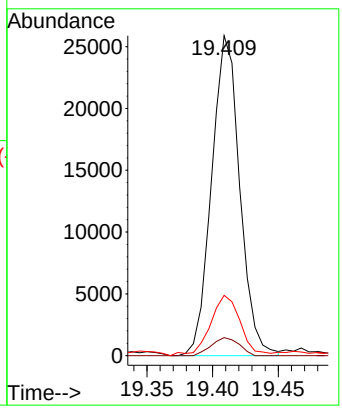


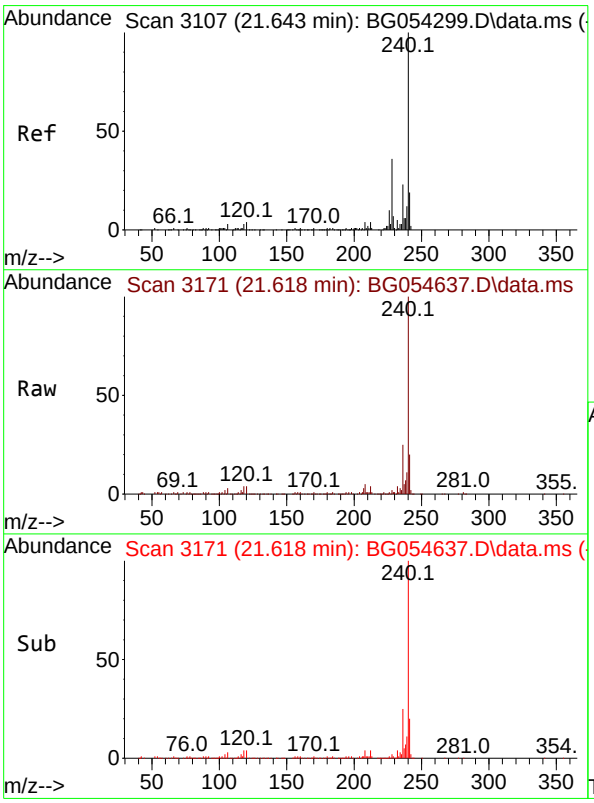
#75
Fluoranthene
Concen: 3.065 ng
RT: 19.409 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:202 Resp: 38645

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	26.9
203	18.9	0.0	37.2

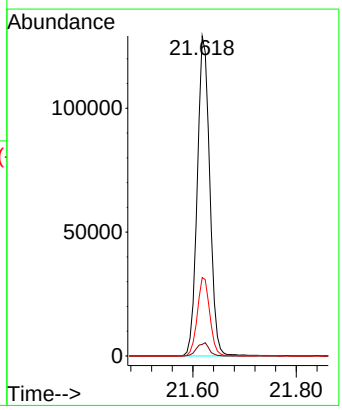


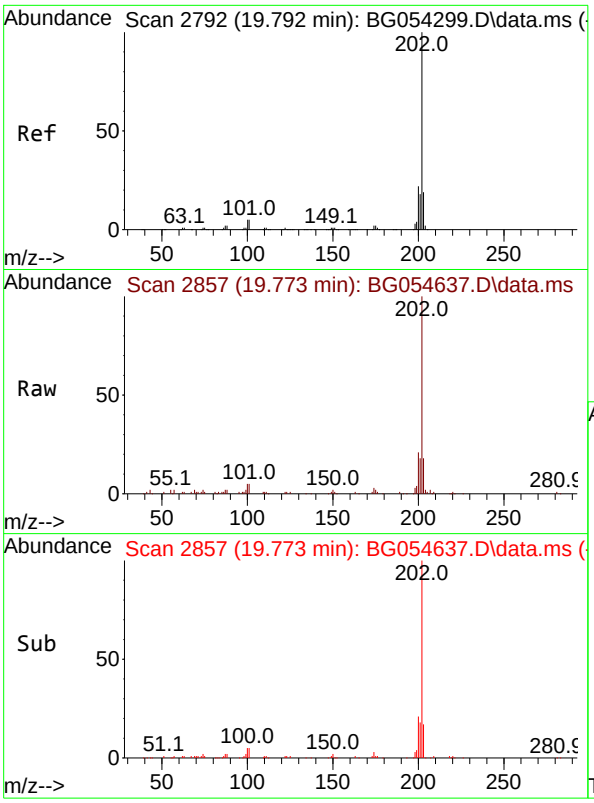


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:240 Resp: 216221

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.5	20.2	30.4



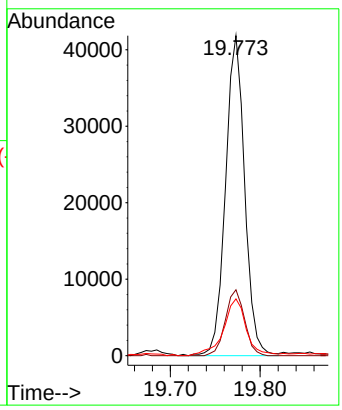


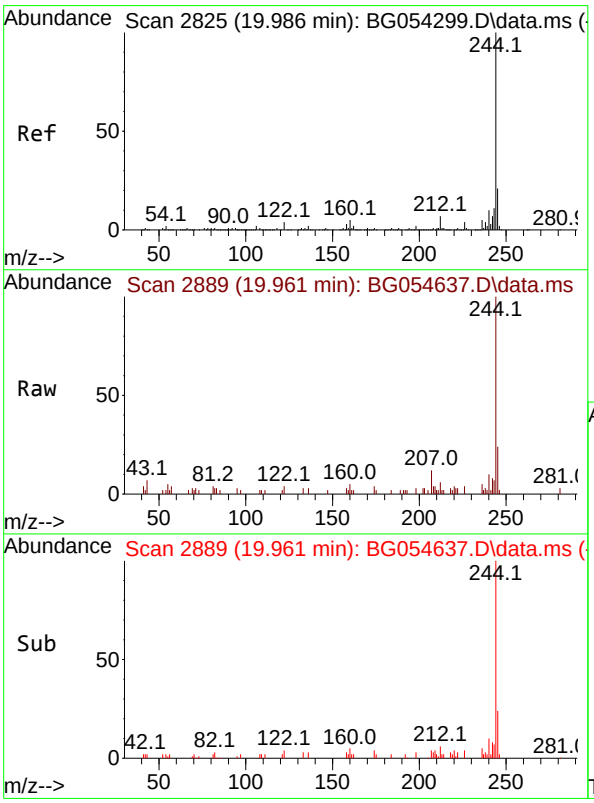
#78
Pyrene
Concen: 4.992 ng
RT: 19.773 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:202 Resp: 61930

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	14.6	21.8

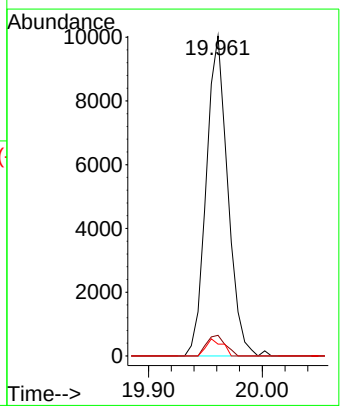


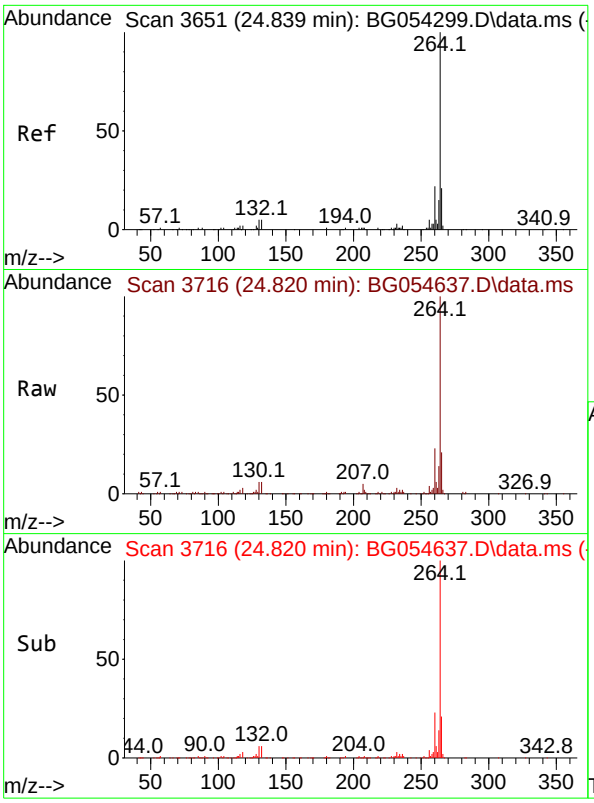


#79
Terphenyl-d14
Concen: 1.212 ng
RT: 19.961 min Scan# 2889
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:244 Resp: 13207

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.5	9.7#
122	3.7	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.820 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

Tgt Ion:264 Resp: 227947

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.8	17.4	26.2