Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054572.D
Acq On : 9 Aug 2022 16:27
Operator : CG/JU
Sample : N4063-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Quant Time: Aug 09 17:54:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.976	152	24485	20.000	ng		0.00
21) Naphthalene-d8	10.784	136	94469	20.000	ng	#	0.00
39) Acenaphthene-d10	14.615	164	68117	20.000	ng		0.00
64) Phenanthrene-d10	17.365	188	161566	20.000	ng	#	0.00
76) Chrysene-d12	21.630	240	182976	20.000	ng	#	0.00
86) Perylene-d12	24.844	264	189055	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	22968	19.585	ng		0.00
7) Phenol-d6	7.182	99	31229	19.434	ng		0.00
23) Nitrobenzene-d5	9.145	82	21038	12.127	ng		0.00
42) 2,4,6-Tribromophenol	16.113	330	24320	17.005	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	63526	13.156	ng		0.00
79) Terphenyl-d14	19.967	244	123774	13.419	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.145	70	2770	2.581	ng	#	89
49) Acenaphthylene	14.339	152	47328	8.167	ng		97
51) 2,6-Dinitrotoluene	14.615	165	9858	8.447	ng	#	16
75) Fluoranthene	19.421	202	25250	2.302	ng		91
78) Pyrene	19.785	202	409430	38.997	ng		98
81) Benzo(a)anthracene	21.612	228	43832	3.774	ng	#	72
83) Chrysene	21.648	228	87824	8.003	ng	#	61
87) Indeno(1,2,3-cd)pyrene	28.516	276	107586	7.480	ng	#	96
88) Benzo(b)fluoranthene	24.080	252	68564	6.132	ng		99
89) Benzo(k)fluoranthene	24.080	252	68564	6.162	ng		98
90) Benzo(a)pyrene	24.544	252	175200	18.349	ng		99
92) Benzo(g,h,i)perylene	29.680	276	113853	9.754	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054572.D
Acq On : 9 Aug 2022 16:27
Operator : CG/JU
Sample : N4063-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Quant Time: Aug 09 17:54:02 2022
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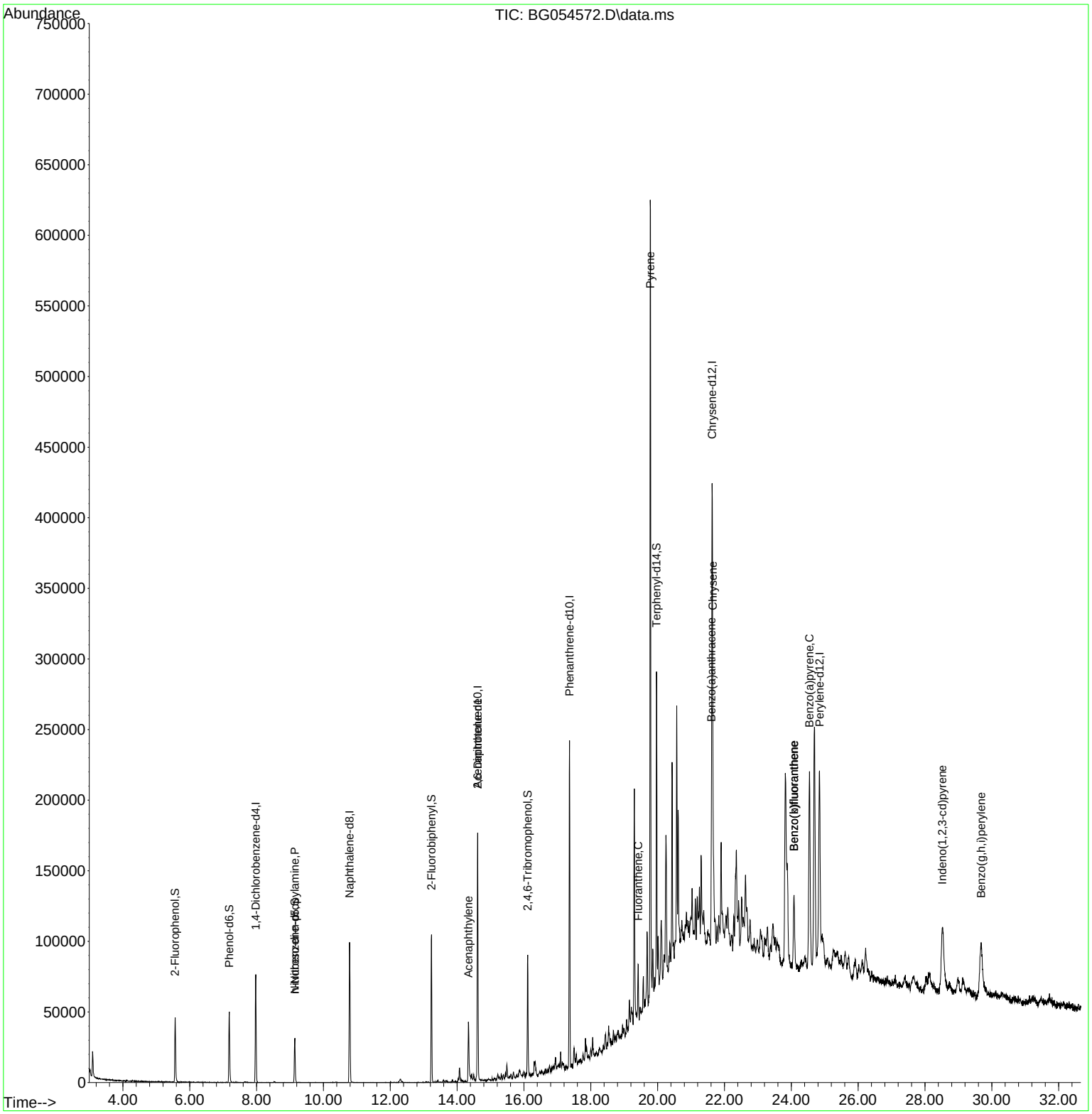
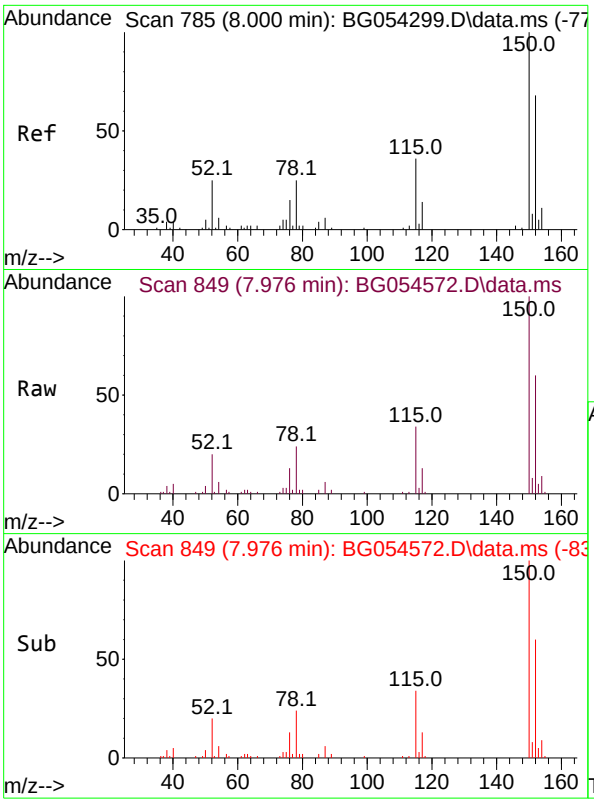
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration



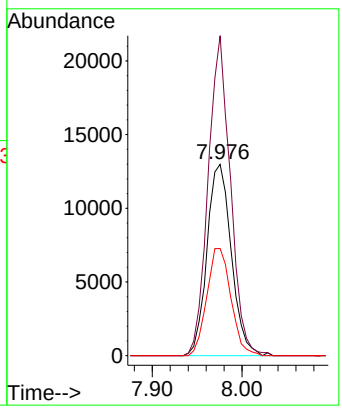


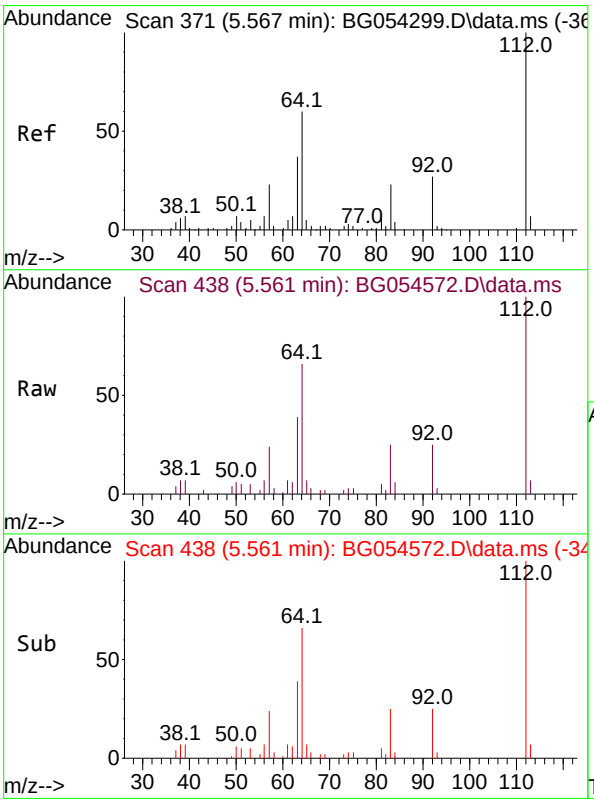
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:152 Resp: 24485

Ion	Ratio	Lower	Upper
152	100		
150	167.2	131.6	197.4
115	56.0	50.9	76.3

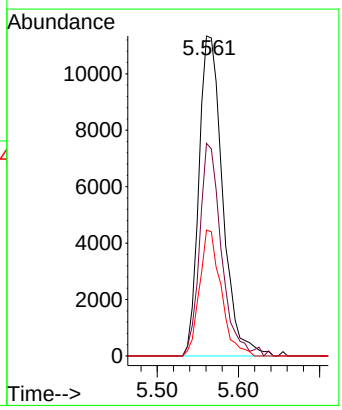


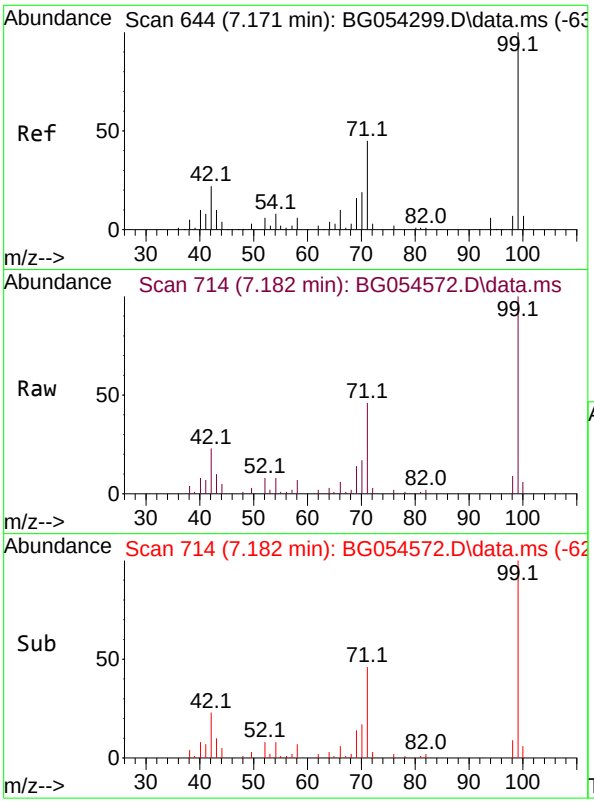


#5
2-Fluorophenol
Concen: 19.585 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:112 Resp: 22968

Ion	Ratio	Lower	Upper
112	100		
64	66.4	55.1	82.7
63	39.4	30.4	45.6



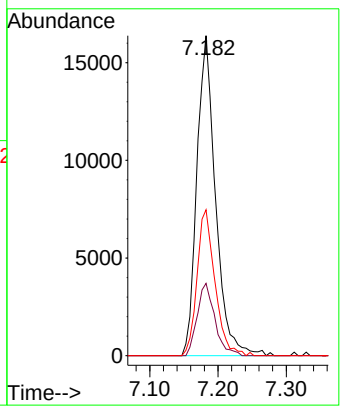


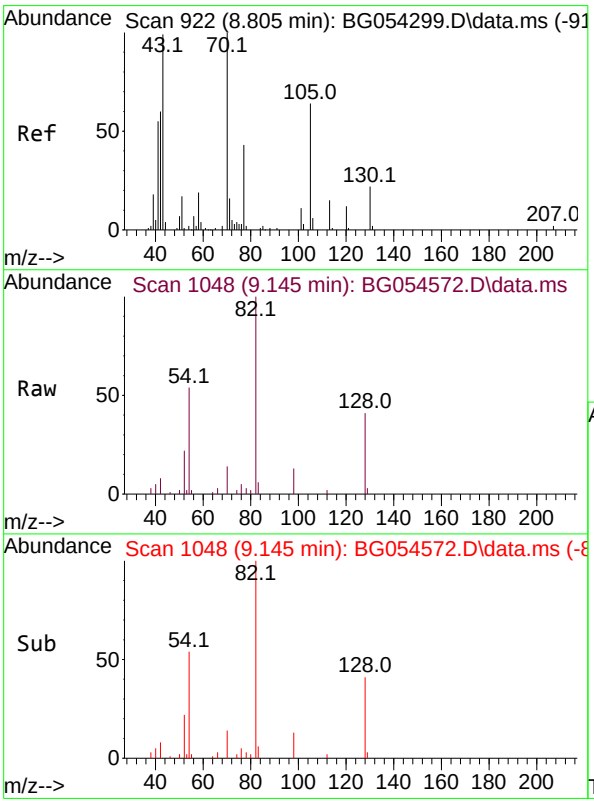
#7
Phenol-d6
Concen: 19.434 ng
RT: 7.182 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion: 99 Resp: 31229

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.0	25.6
71	45.6	33.8	50.8

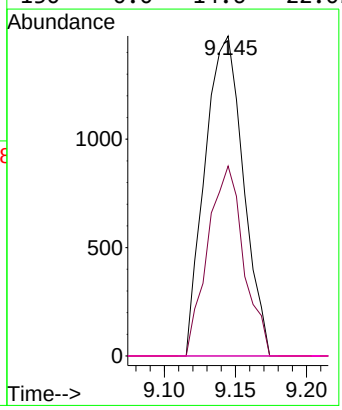


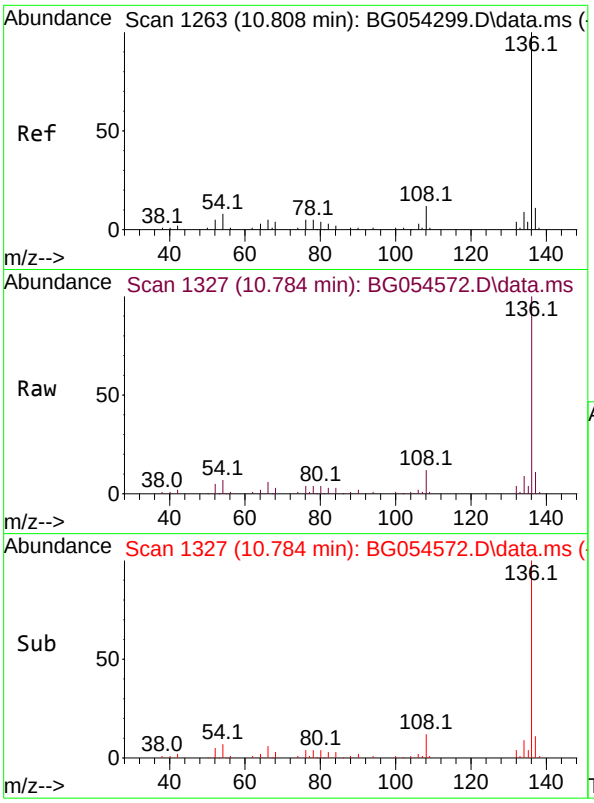


#19
n-Nitroso-di-n-propylamine
Concen: 2.581 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.362 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion: 70 Resp: 2770

Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



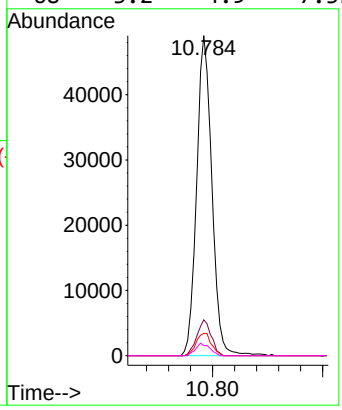


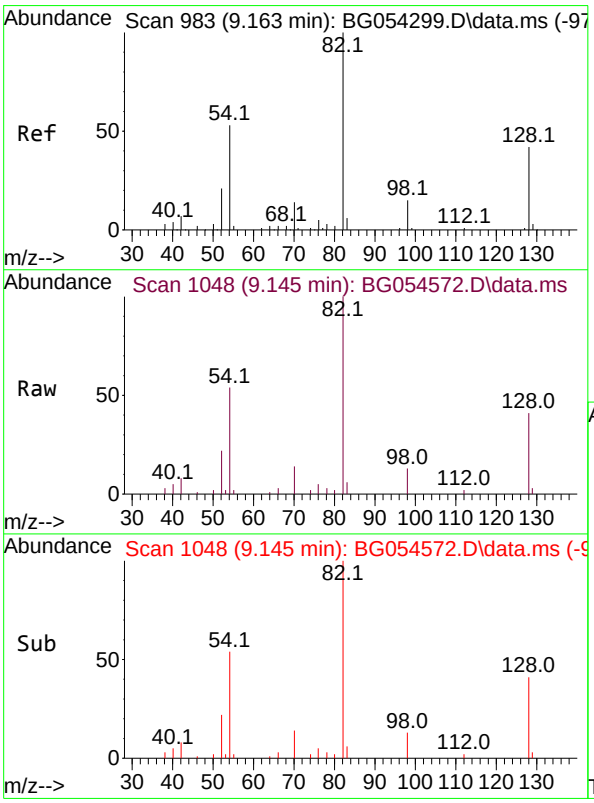
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:136 Resp: 94469

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.0	7.4	11.2#
68	3.2	4.9	7.3#

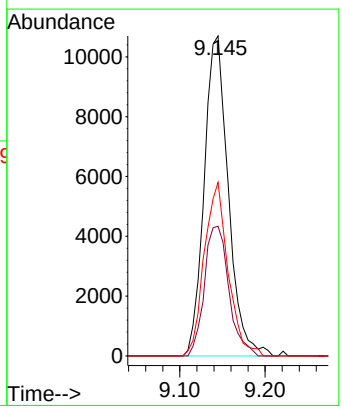


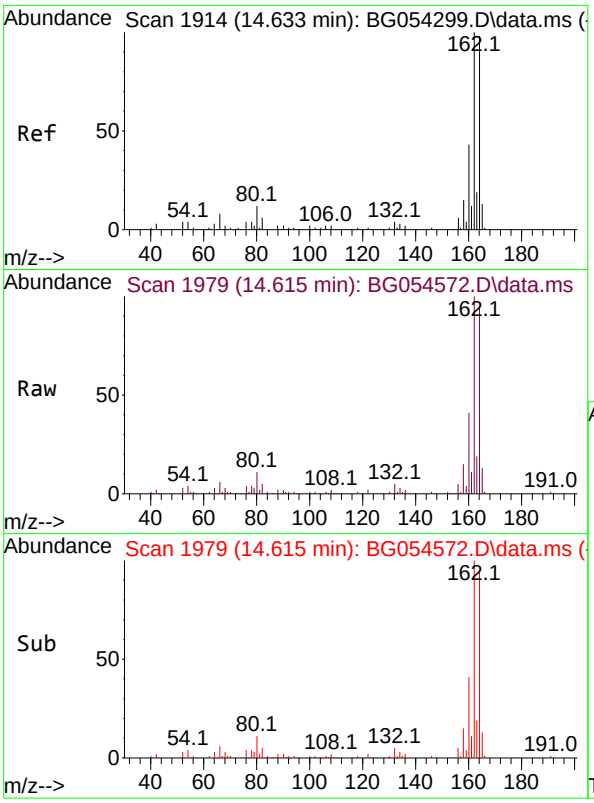


#23
Nitrobenzene-d5
Concen: 12.127 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion: 82 Resp: 21038

Ion	Ratio	Lower	Upper
82	100		
128	40.5	27.9	41.9
54	54.2	41.2	61.8



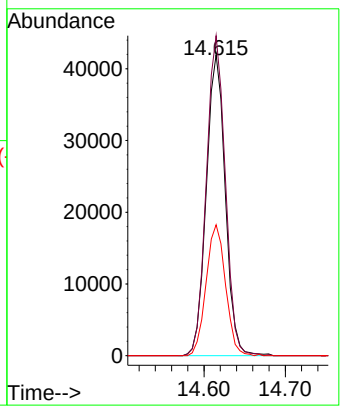


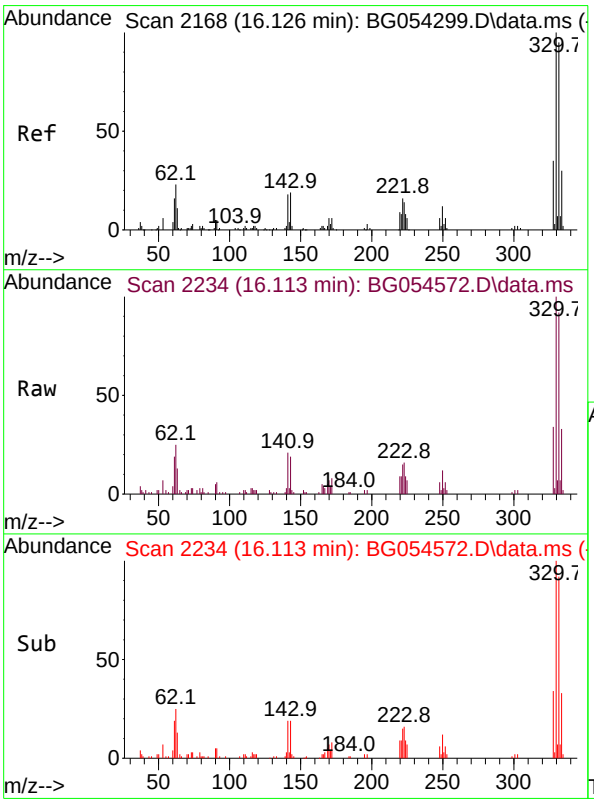
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:164 Resp: 68117

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.3	123.5
160	43.5	34.2	51.2

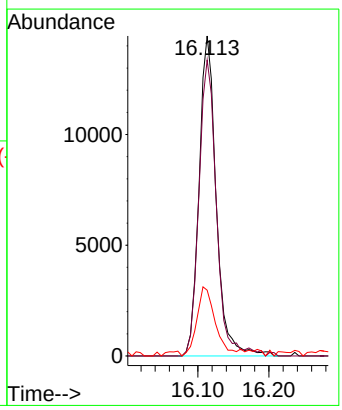


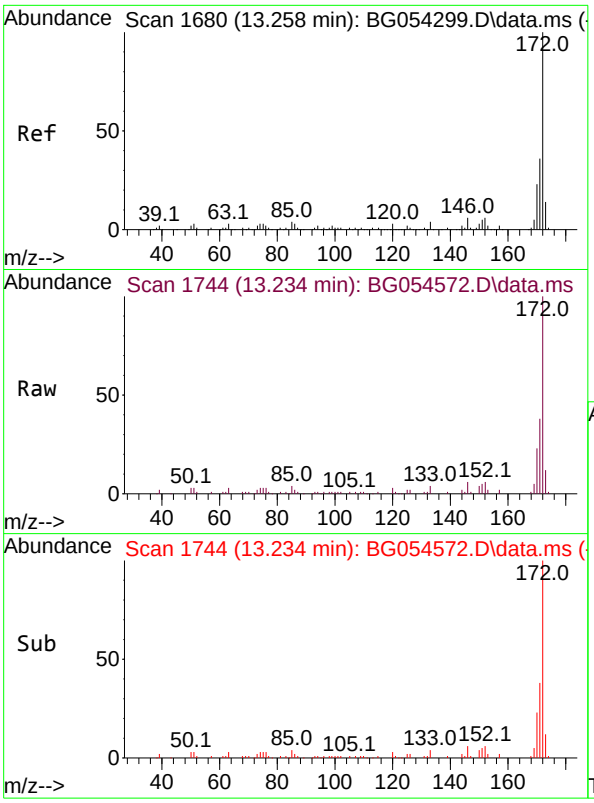


#42
2,4,6-Tribromophenol
Concen: 17.005 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:330 Resp: 24320

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.0	114.0
141	23.0	27.1	40.7#



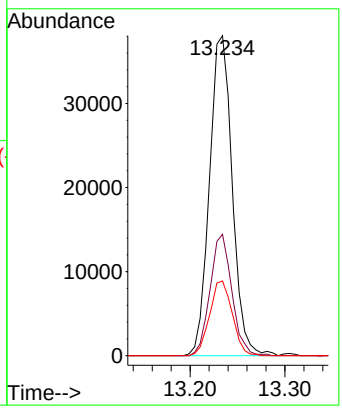


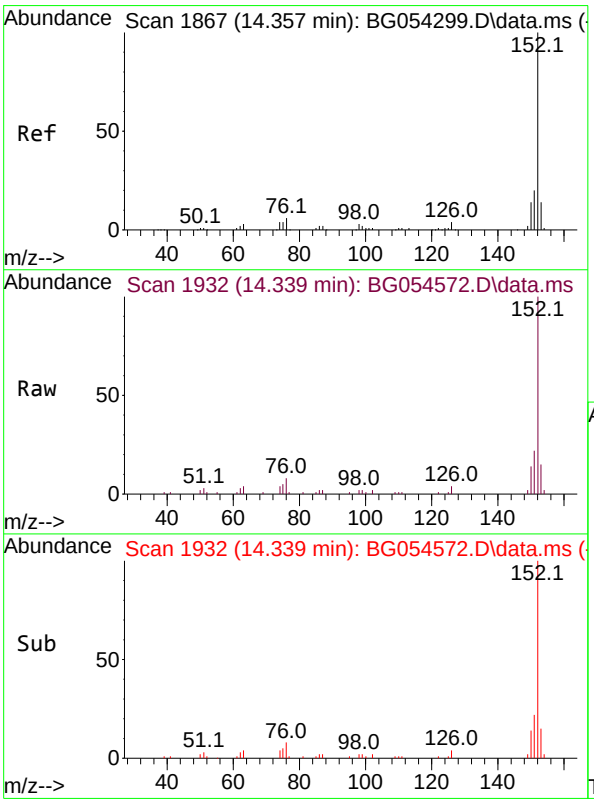
#45
2-Fluorobiphenyl
Concen: 13.156 ng
RT: 13.234 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:172 Resp: 63526

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.5	42.7
170	23.3	18.9	28.3

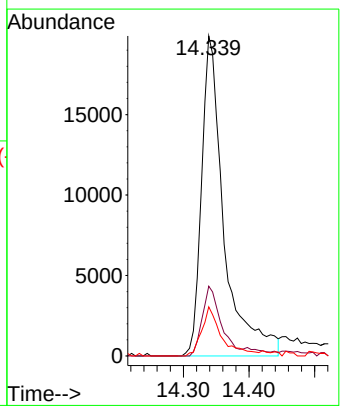


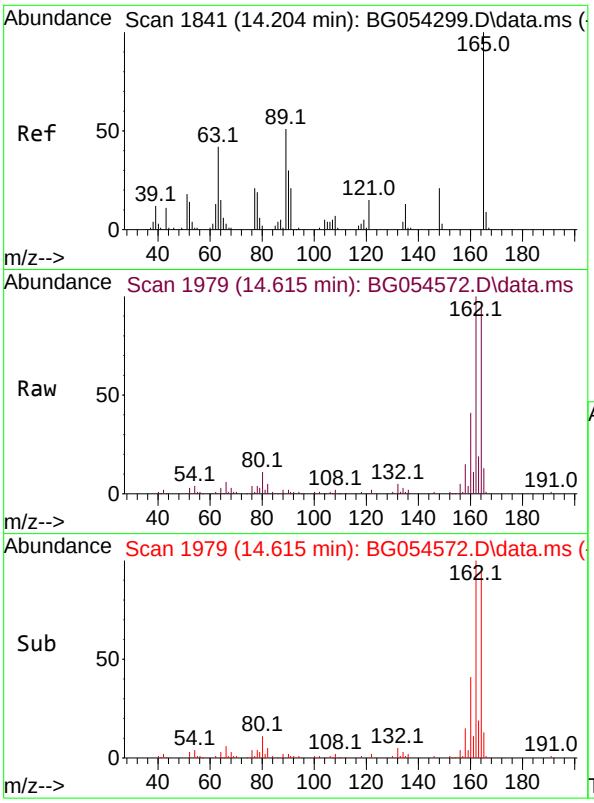


#49
Acenaphthylene
Concen: 8.167 ng
RT: 14.339 min Scan# 1932
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:152 Resp: 47328

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.4	24.6
153	15.3	10.8	16.2



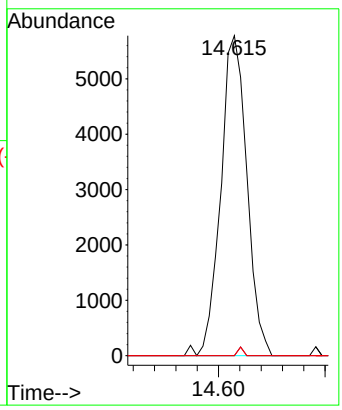


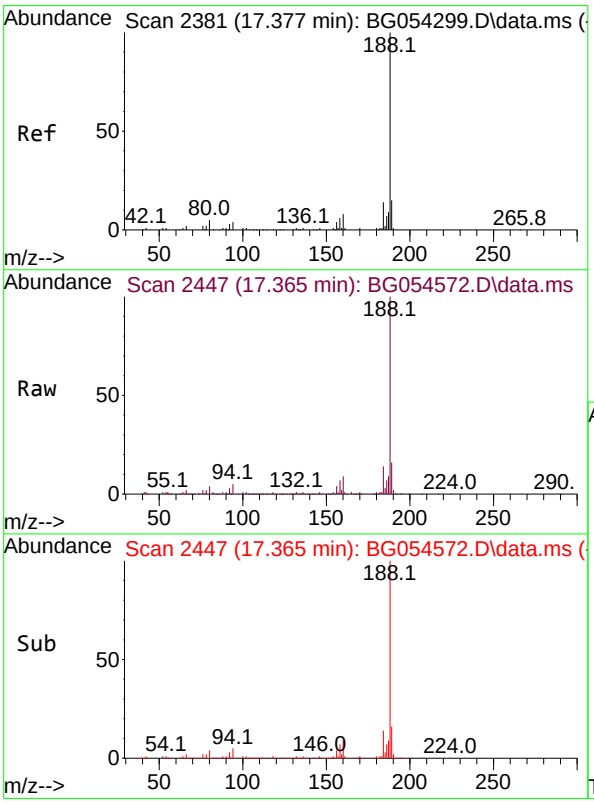
#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 14.615 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:165 Resp: 9858

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

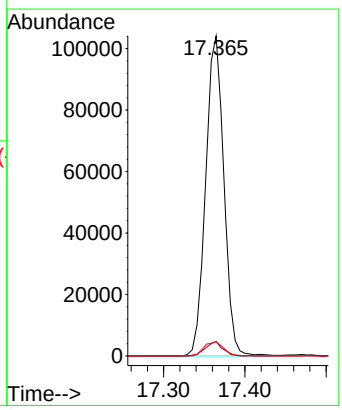


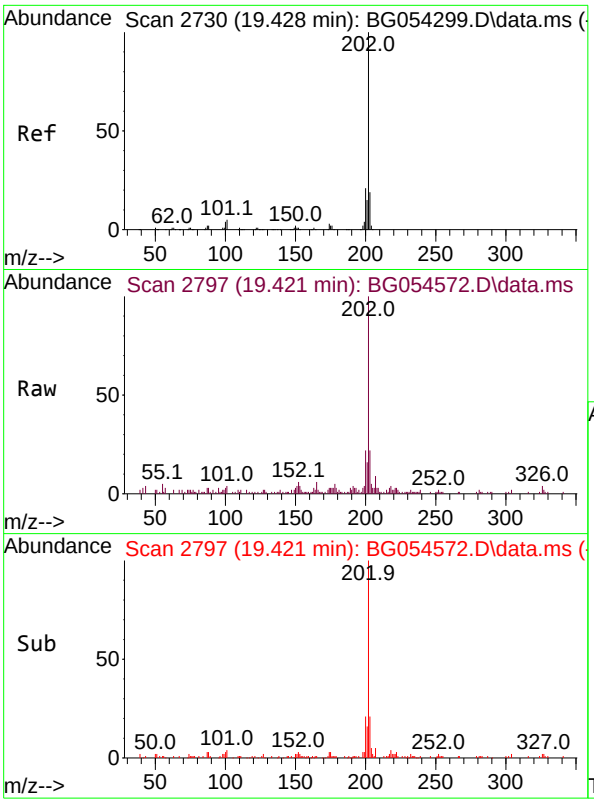


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. 0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:188 Resp: 161566

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.4	8.0#
80	4.5	6.8	10.2#



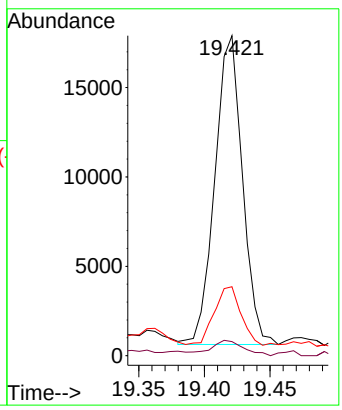


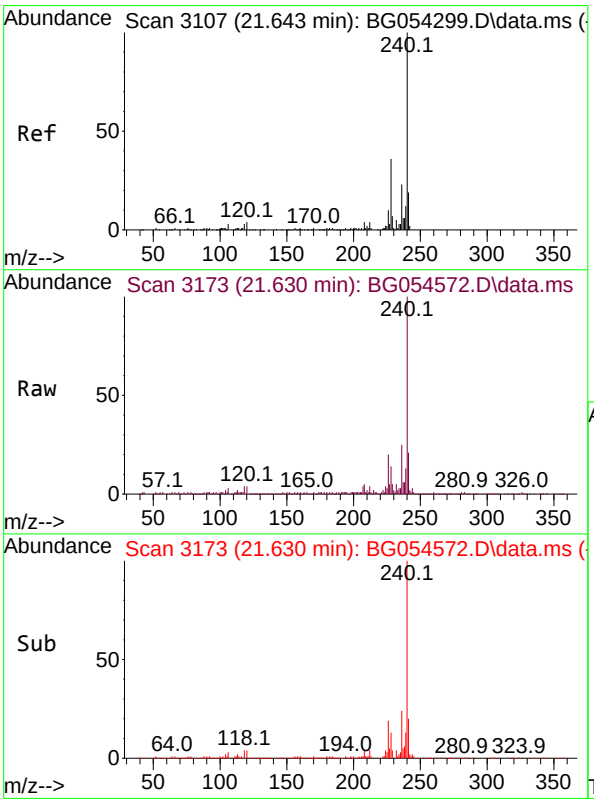
#75
Fluoranthene
Concen: 2.302 ng
RT: 19.421 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:202 Resp: 25250

Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	26.9
203	21.6	0.0	37.2

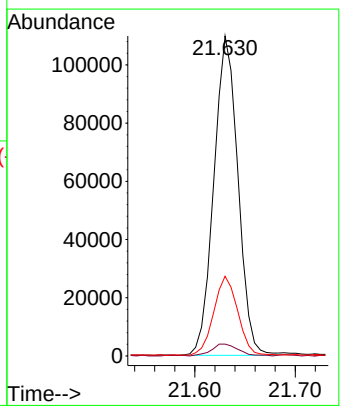


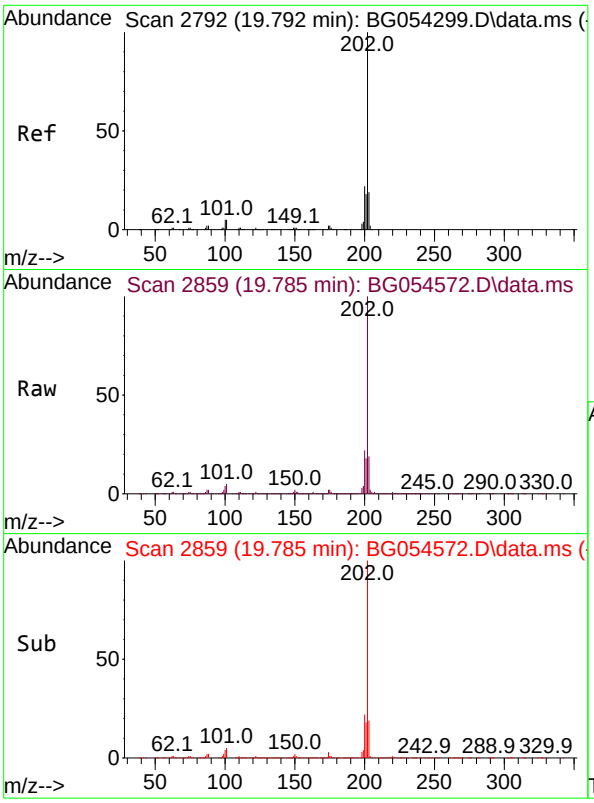


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:240 Resp: 182976

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.6	7.0#
236	24.9	20.2	30.4



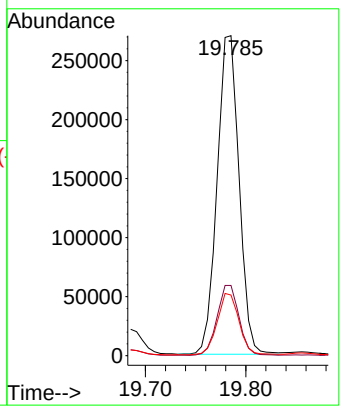


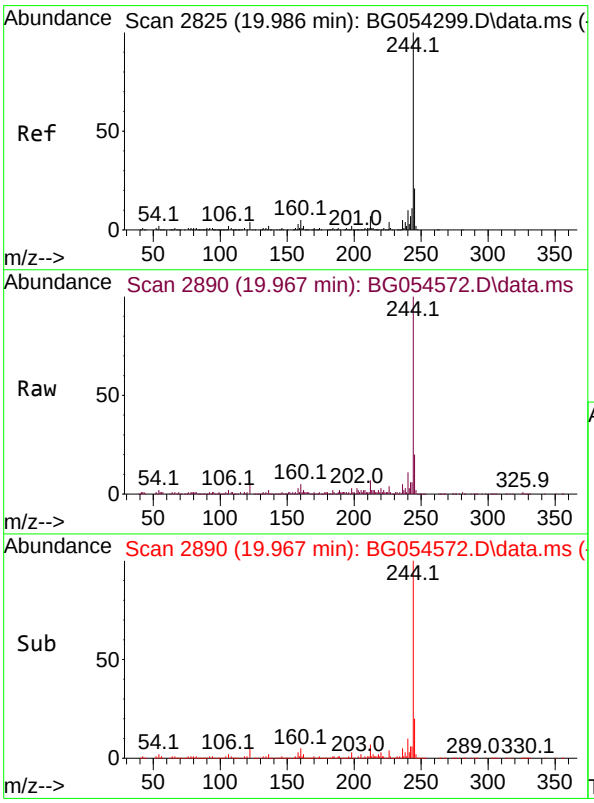
#78
Pyrene
Concen: 38.997 ng
RT: 19.785 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:202 Resp: 409430

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	24.8
203	18.9	14.6	21.8

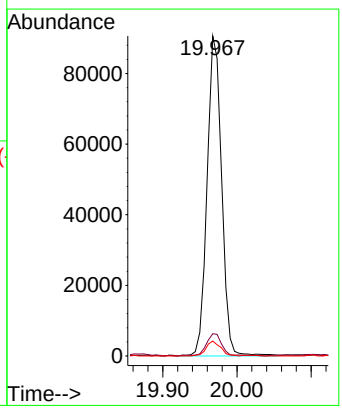


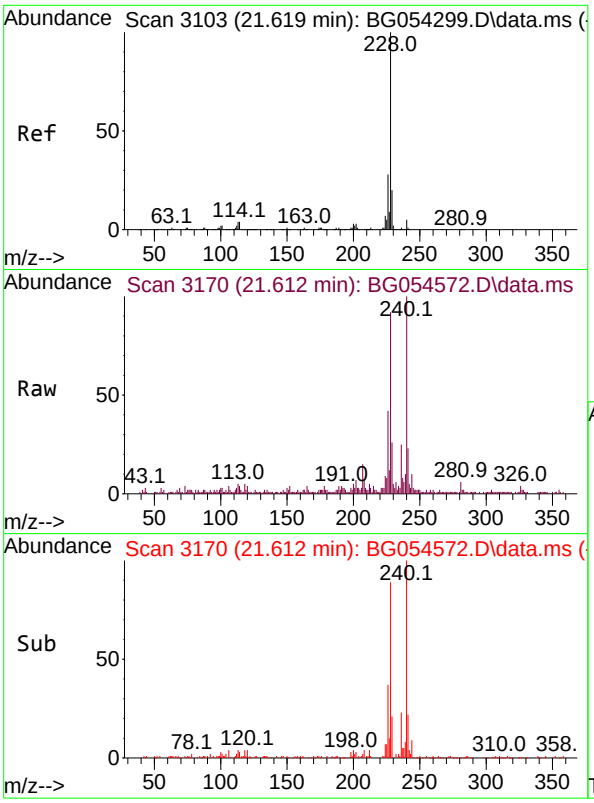


#79
Terphenyl-d14
Concen: 13.419 ng
RT: 19.967 min Scan# 2890
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:244 Resp: 123774

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	4.7	5.0	7.4#



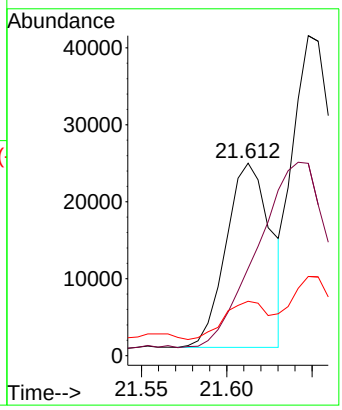


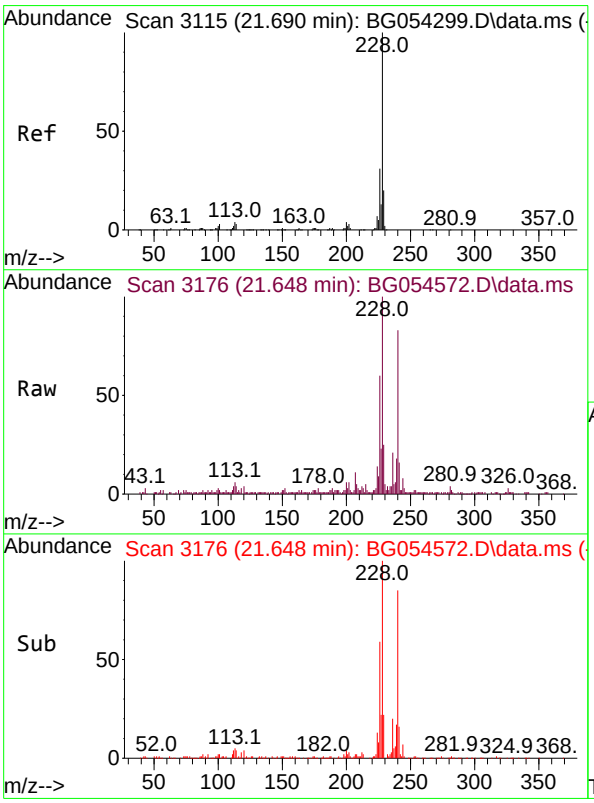
#81
Benzo(a)anthracene
Concen: 3.774 ng
RT: 21.612 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:228 Resp: 43832

Ion	Ratio	Lower	Upper
228	100		
226	45.4	21.6	32.4#
229	28.2	16.2	24.2#

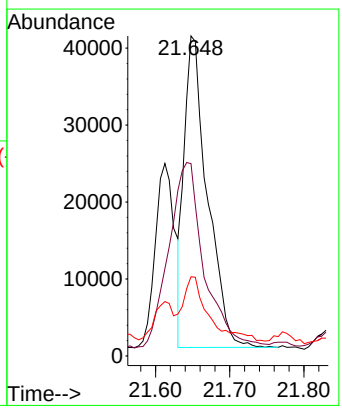


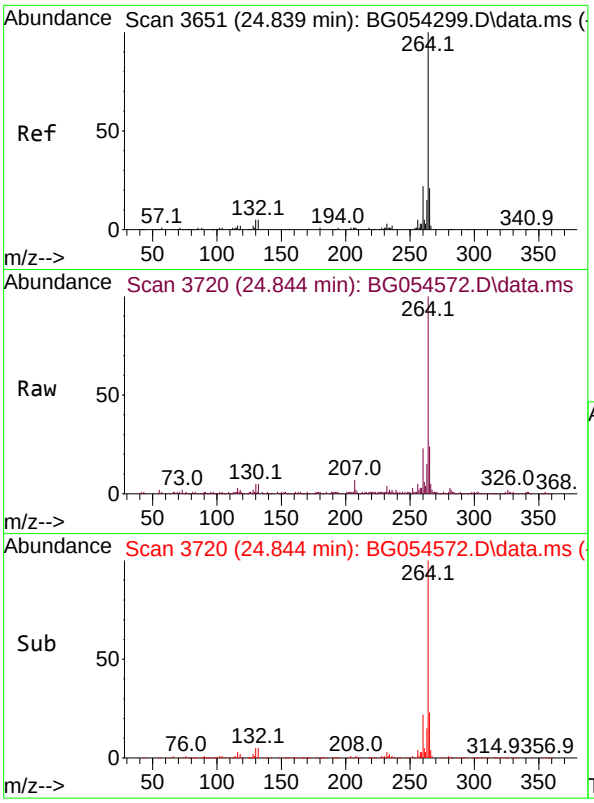


#83
Chrysene
Concen: 8.003 ng
RT: 21.648 min Scan# 3176
Delta R.T. -0.032 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:228 Resp: 87824

Ion	Ratio	Lower	Upper
228	100		
226	60.1	23.4	35.2#
229	24.7	15.5	23.3#



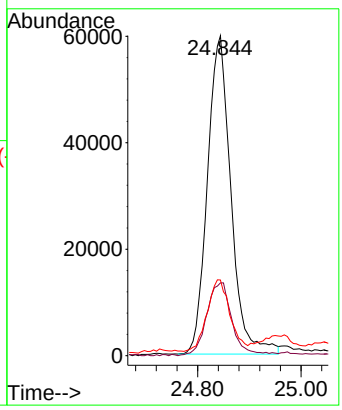


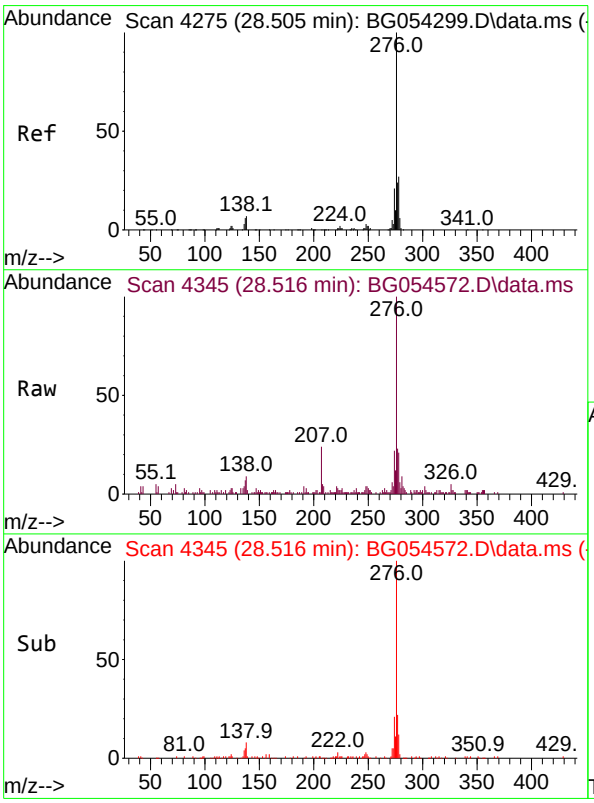
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.844 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:264 Resp: 189055

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	23.6	17.4	26.2

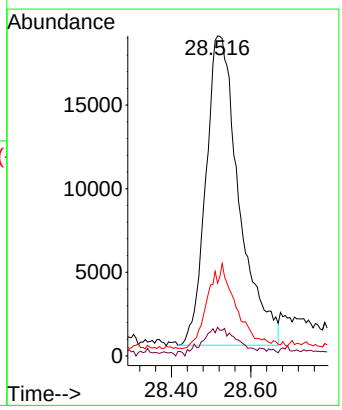


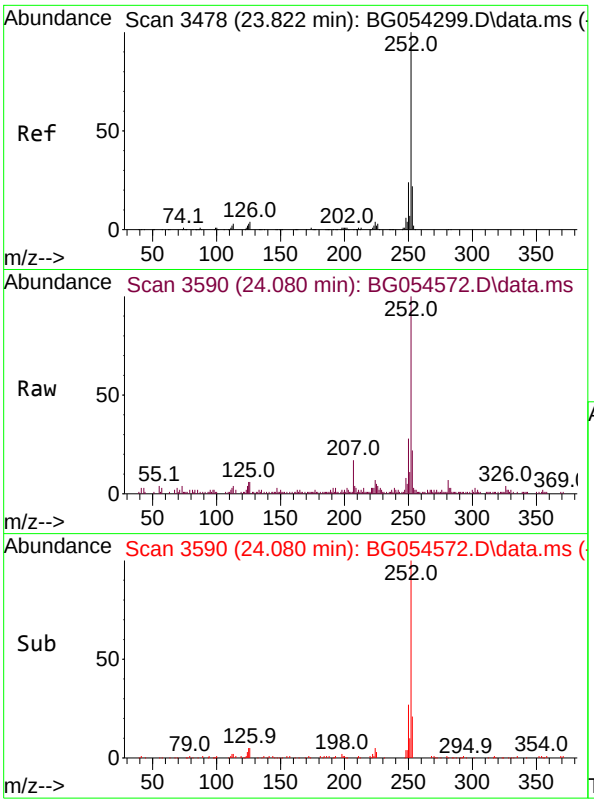


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.480 ng
RT: 28.516 min Scan# 4345
Delta R.T. -0.014 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:276 Resp: 107586

Ion	Ratio	Lower	Upper
276	100		
138	9.5	5.0	7.4#
277	24.0	20.3	30.5



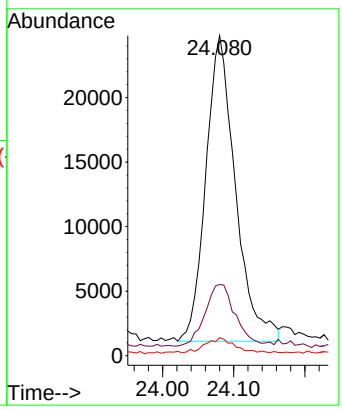


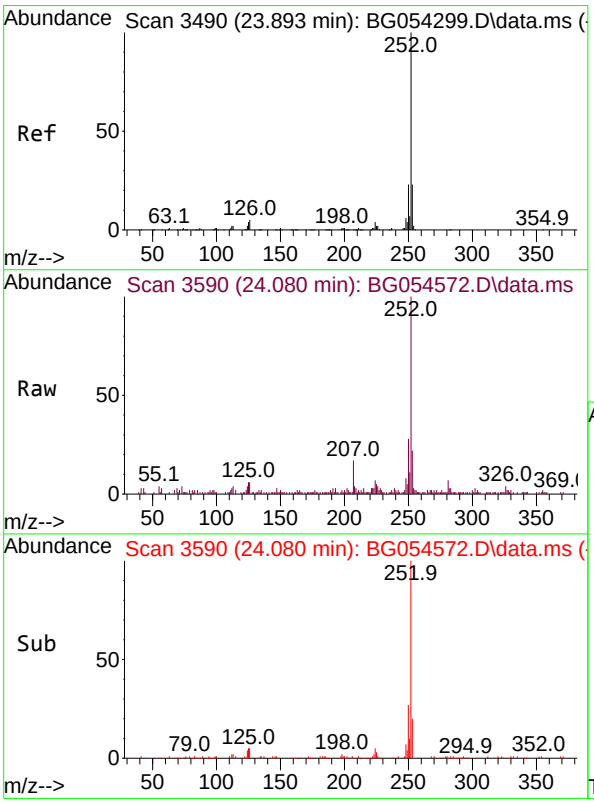
#88
Benzo(b)fluoranthene
Concen: 6.132 ng
RT: 24.080 min Scan# 3
Delta R.T. 0.262 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:252 Resp: 68564

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	5.6	4.6	6.8

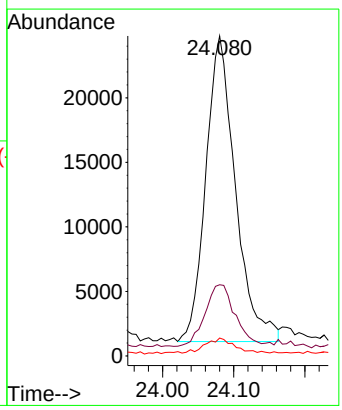


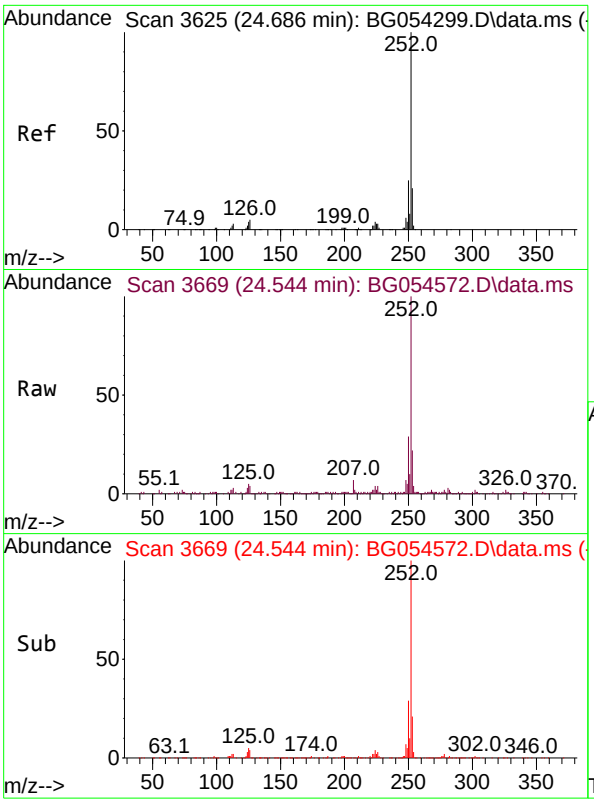


#89
Benzo(k)fluoranthene
Concen: 6.162 ng
RT: 24.080 min Scan# 3590
Delta R.T. 0.197 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:252 Resp: 68564

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	5.6	4.8	7.2



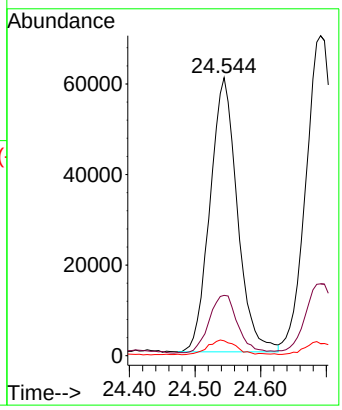


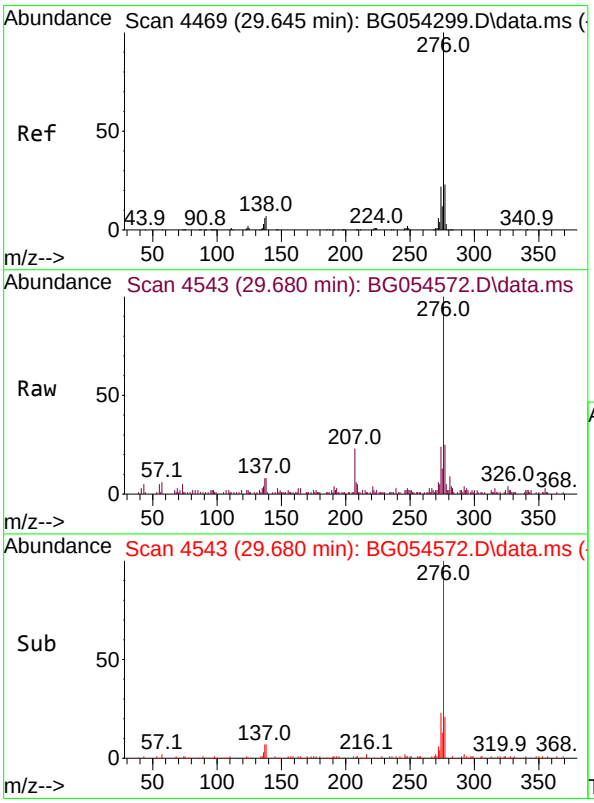
#90
Benzo(a)pyrene
Concen: 18.349 ng
RT: 24.544 min Scan# 3
Delta R.T. -0.144 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Instrument :
BNA_G
ClientSampleId :
P-5FDL

Tgt Ion:252 Resp: 175200

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	5.3	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 9.754 ng
RT: 29.680 min Scan# 4543
Delta R.T. 0.003 min
Lab File: BG054572.D
Acq: 9 Aug 2022 16:27

Tgt Ion:276 Resp: 113853

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.3	25.9
138	7.8	9.6	14.4#