Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054469.D
Acq On : 1 Aug 2022 18:02
Operator : CG/JU
Sample : N3896-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-62

Quant Time: Aug 02 05:46:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	16355	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	66224	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	55246	20.000	ng	0.00
64) Phenanthrene-d10	17.367	188	138163	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	151241	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	162000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	101094	129.057	ng	0.00
7) Phenol-d6	7.179	99	139965	130.400	ng	0.00
23) Nitrobenzene-d5	9.148	82	93054	76.520	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	142987	123.269	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	306404	78.240	ng	0.00
79) Terphenyl-d14	19.976	244	640355	83.994	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.168	77	238	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.148	70	13176	18.383	ng	# 82
51) 2,6-Dinitrotoluene	14.624	165	7213	7.621	ng	# 16
57) 2,4-Dinitrotoluene	14.624	165	7213	5.316	ng	# 21
67) 4-Bromophenyl-phenylether	16.116	248	8222	4.237	ng	# 1
75) Fluoranthene	19.418	202	25131	2.679	ng	96
77) Benzidine	19.976	184	8664	3.163	ng	# 95
78) Pyrene	19.782	202	26287	3.029	ng	94
81) Benzo(a)anthracene	21.610	228	21292	2.218	ng	97
83) Chrysene	21.674	228	21791	2.402	ng	97
88) Benzo(b)fluoranthene	23.825	252	48139	5.025	ng	98
89) Benzo(k)fluoranthene	23.825	252	48139	5.049	ng	99
90) Benzo(a)pyrene	24.688	252	24425	2.985	ng	96

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

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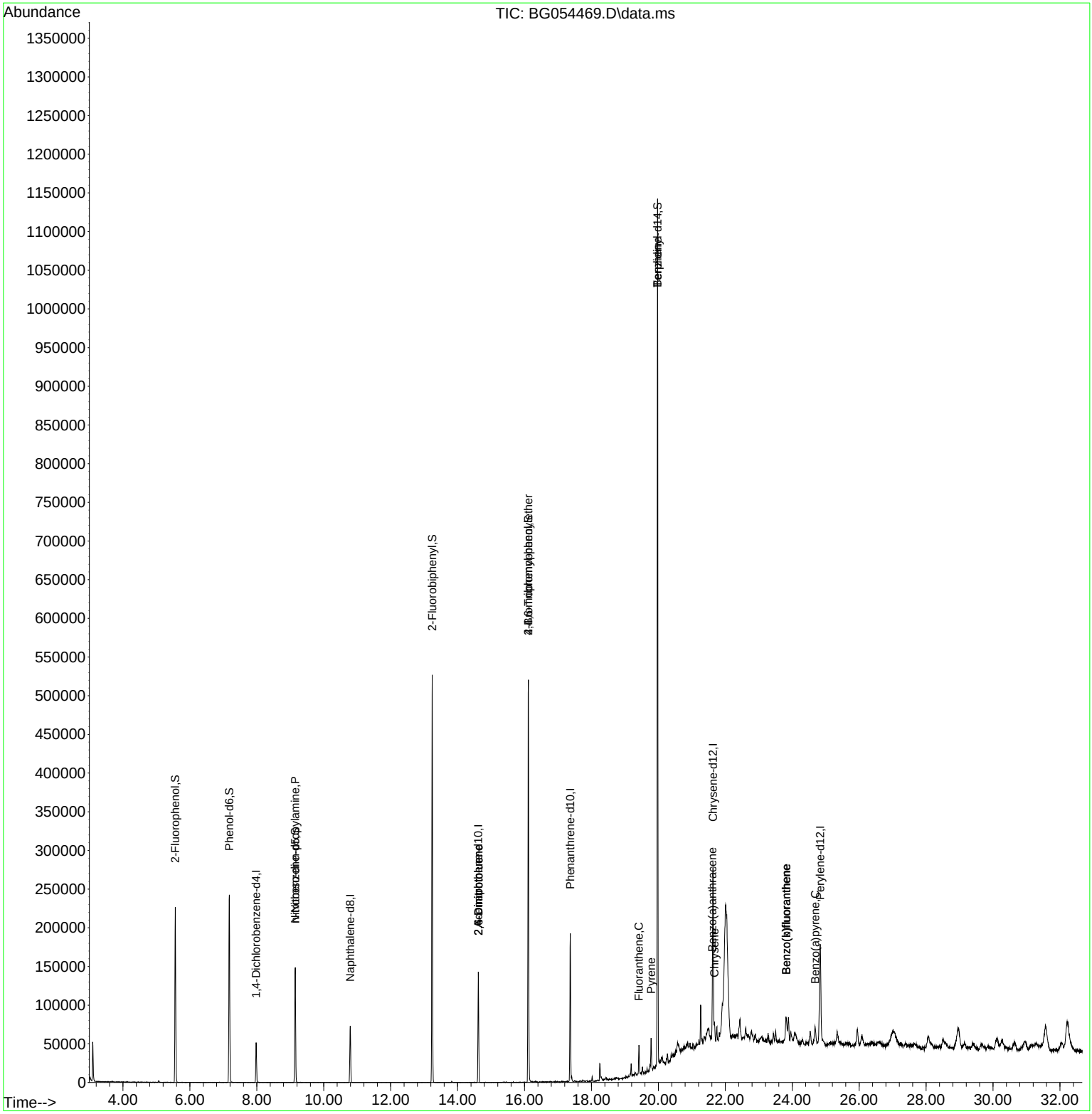
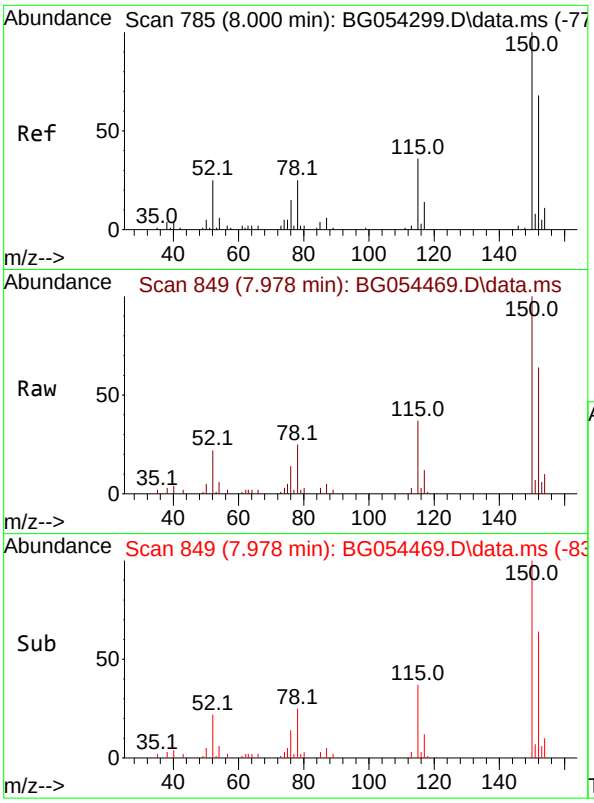


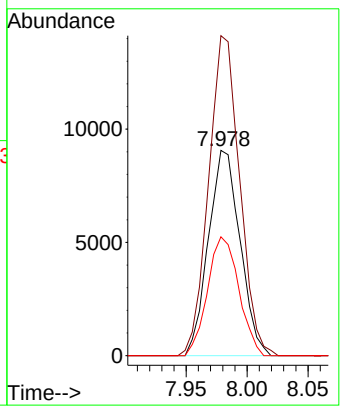


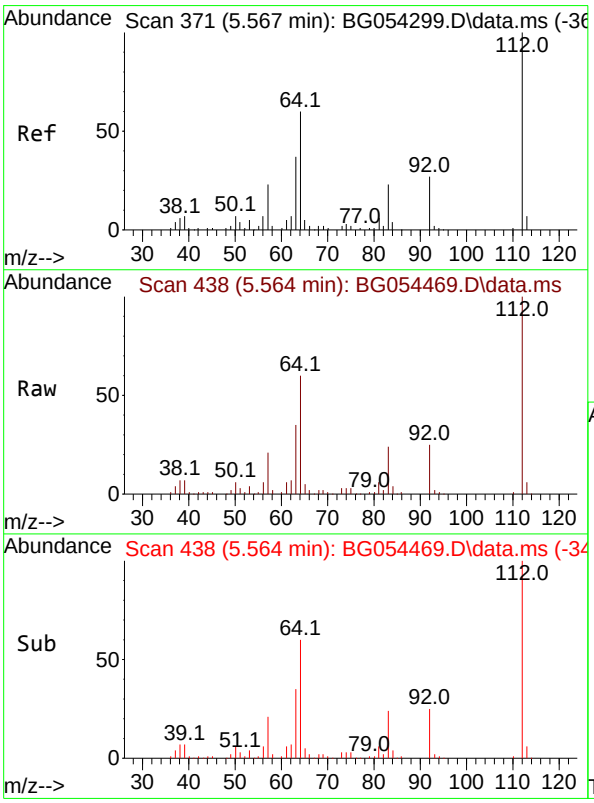
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:152 Resp: 16355

Ion	Ratio	Lower	Upper
152	100		
150	155.9	131.6	197.4
115	57.9	50.9	76.3

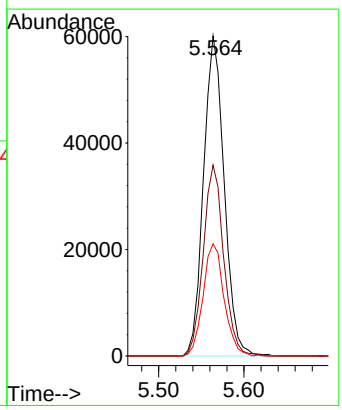


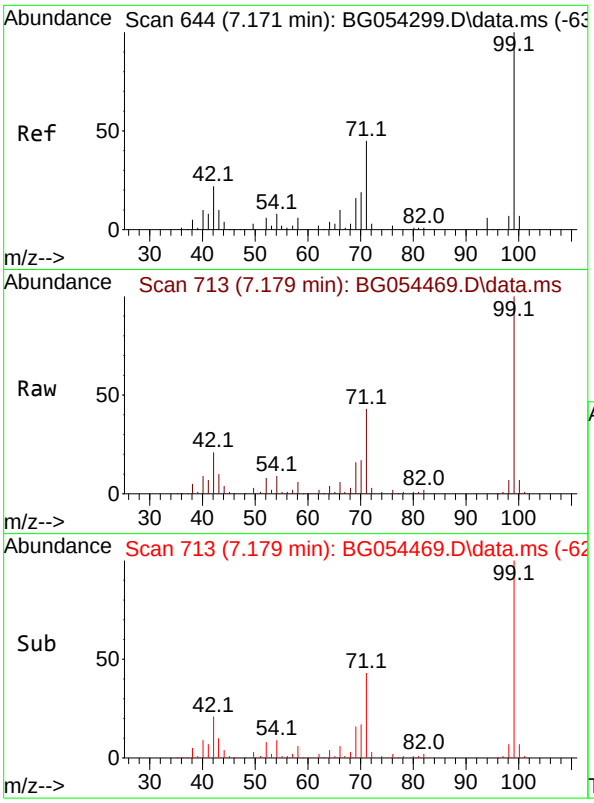


#5
2-Fluorophenol
Concen: 129.057 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:112 Resp: 101094

Ion	Ratio	Lower	Upper
112	100		
64	59.7	55.1	82.7
63	35.0	30.4	45.6



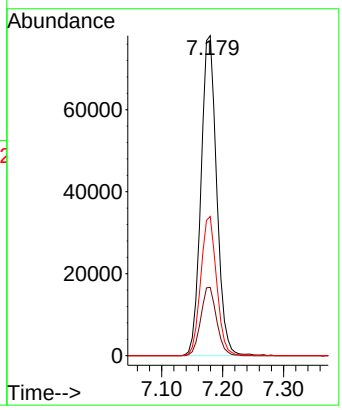


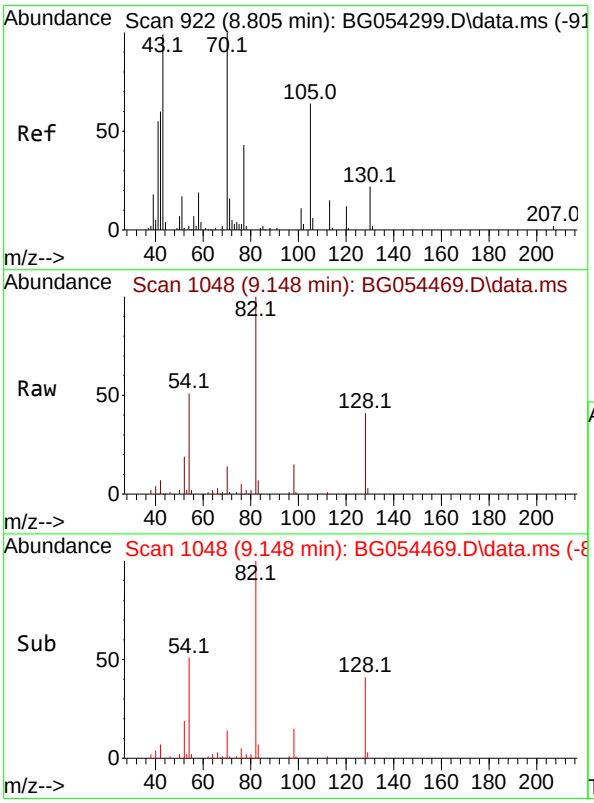
#7
Phenol-d6
Concen: 130.400 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion: 99 Resp: 139965

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	43.5	33.8	50.8

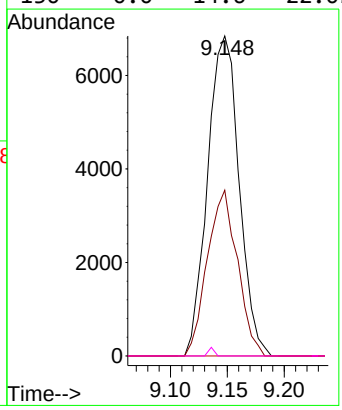


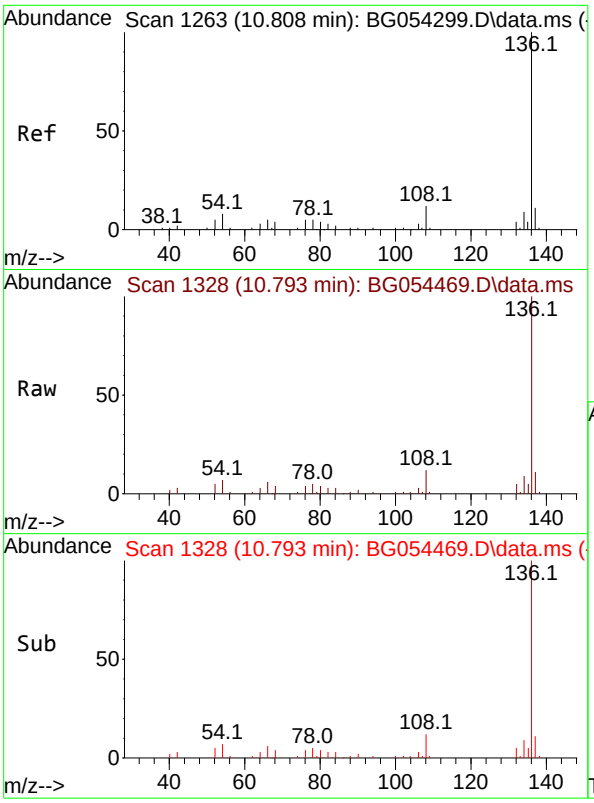


#19
n-Nitroso-di-n-propylamine
Concen: 18.383 ng
RT: 9.148 min Scan# 1048
Delta R.T. 0.354 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion: 70 Resp: 13176

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



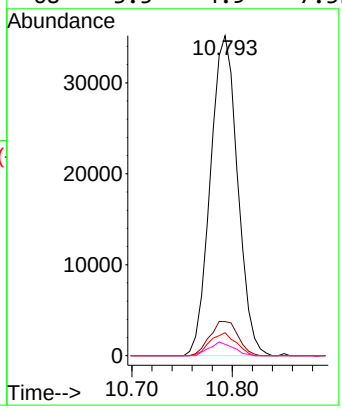


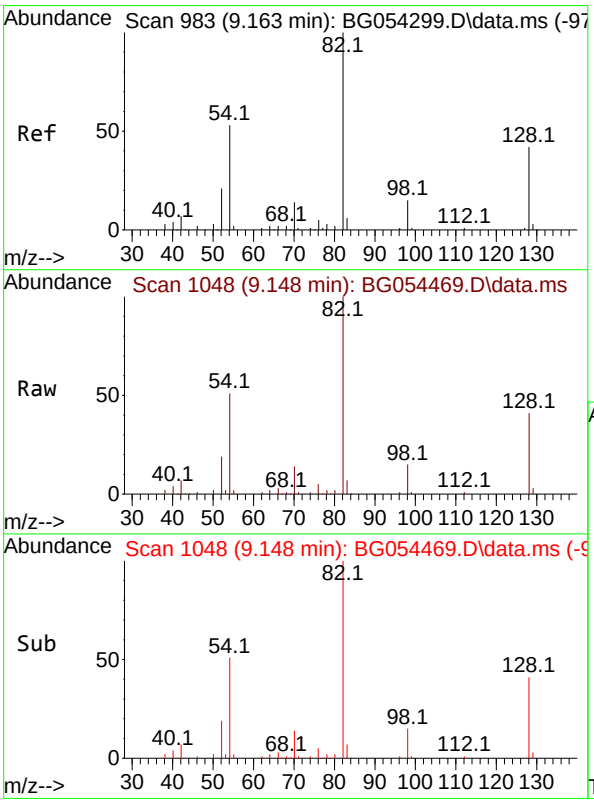
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:136 Resp: 66224

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.2	7.4	11.2#
68	3.5	4.9	7.3#

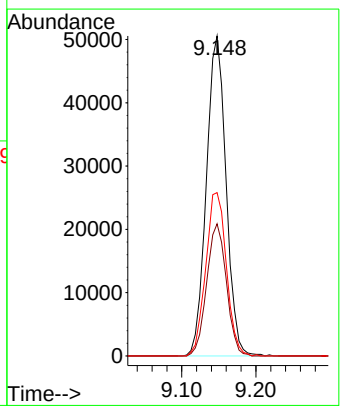


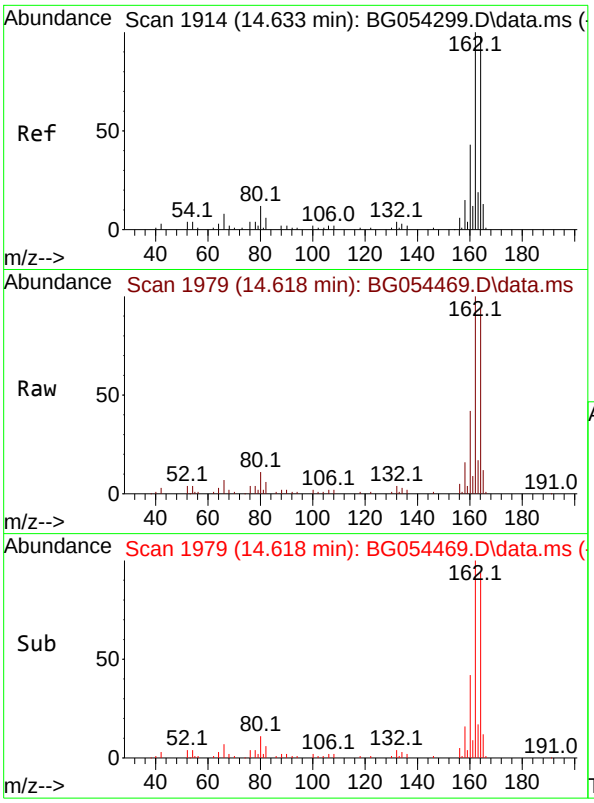


#23
Nitrobenzene-d5
Concen: 76.520 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion: 82 Resp: 93054

Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.9	41.9
54	51.0	41.2	61.8



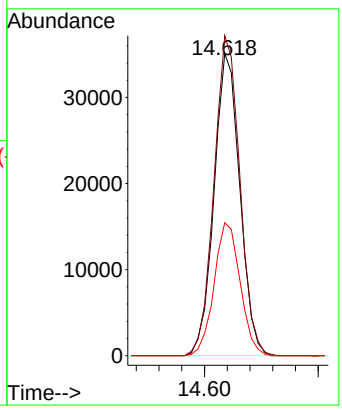


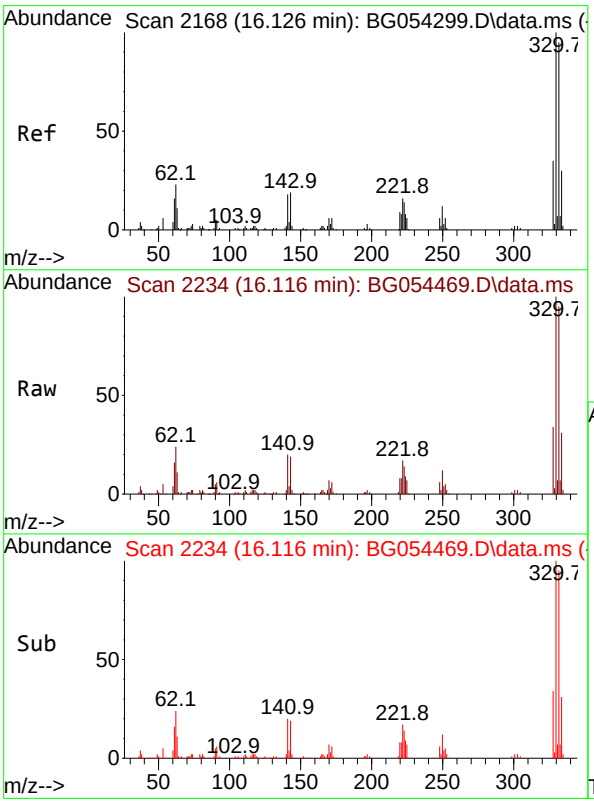
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:164 Resp: 55246

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.3	123.5
160	44.0	34.2	51.2

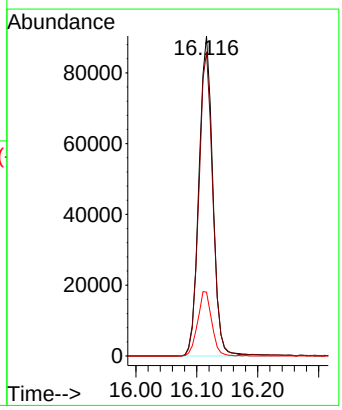


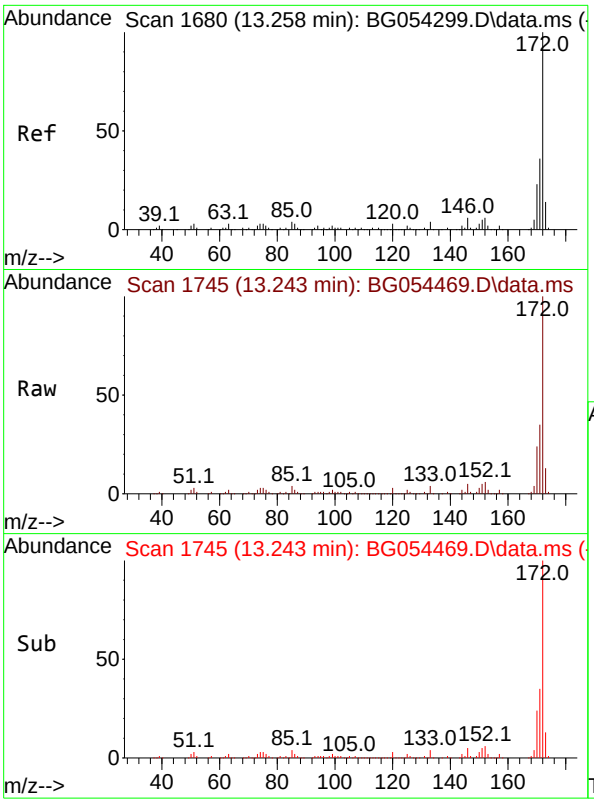


#42
2,4,6-Tribromophenol
Concen: 123.269 ng
RT: 16.116 min Scan# 2234
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:330 Resp: 142987

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	20.4	27.1	40.7#



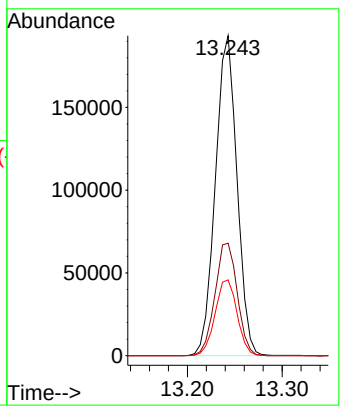


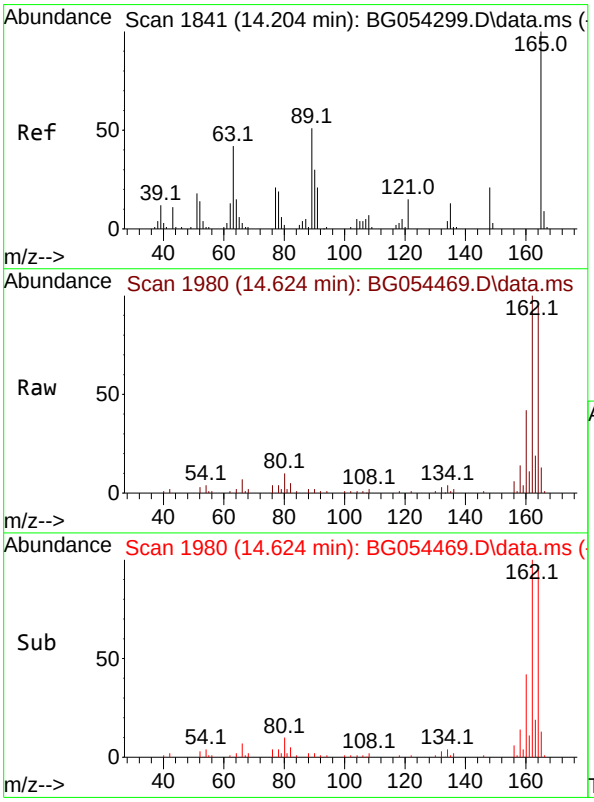
#45
2-Fluorobiphenyl
Concen: 78.240 ng
RT: 13.243 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:172 Resp: 306404

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.7	18.9	28.3

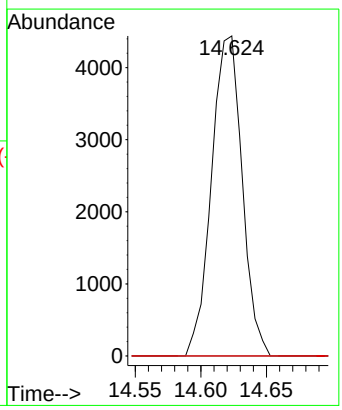


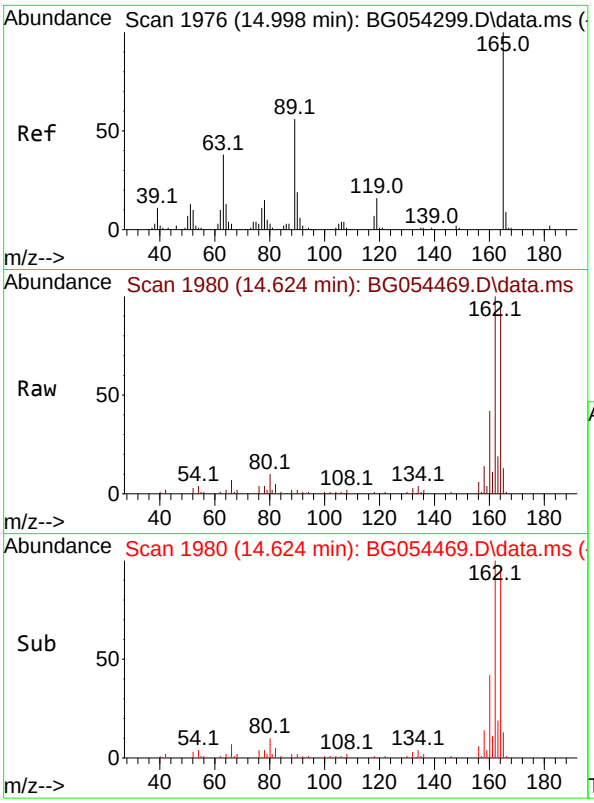


#51
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.425 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:165 Resp: 7213

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



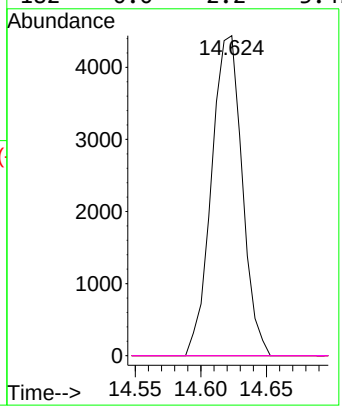


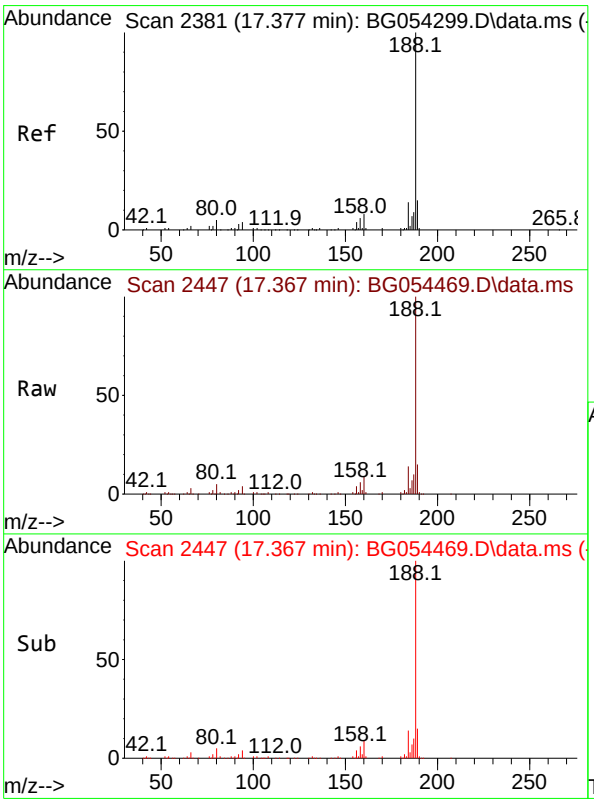
#57
2,4-Dinitrotoluene
Concen: 5.316 ng
RT: 14.624 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:165 Resp: 7213

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

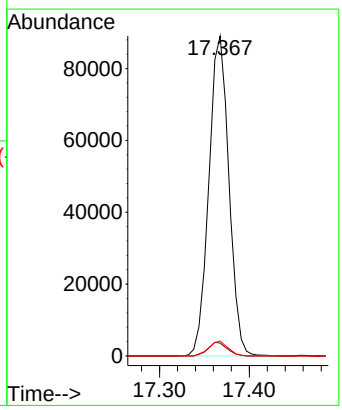


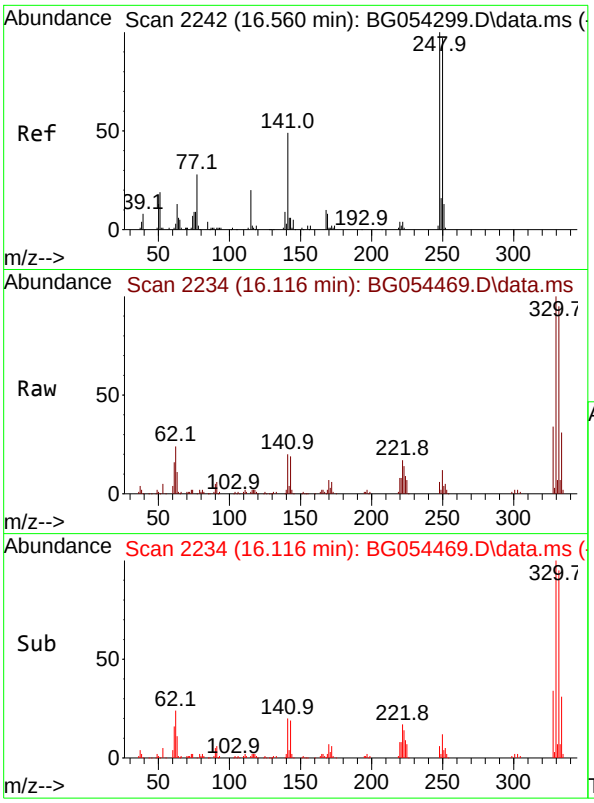


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.367 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:188 Resp: 138163

Ion	Ratio	Lower	Upper
188	100		
94	4.0	5.4	8.0#
80	4.6	6.8	10.2#



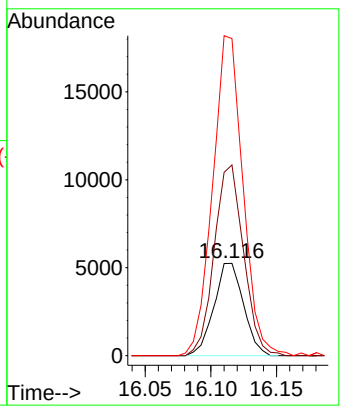


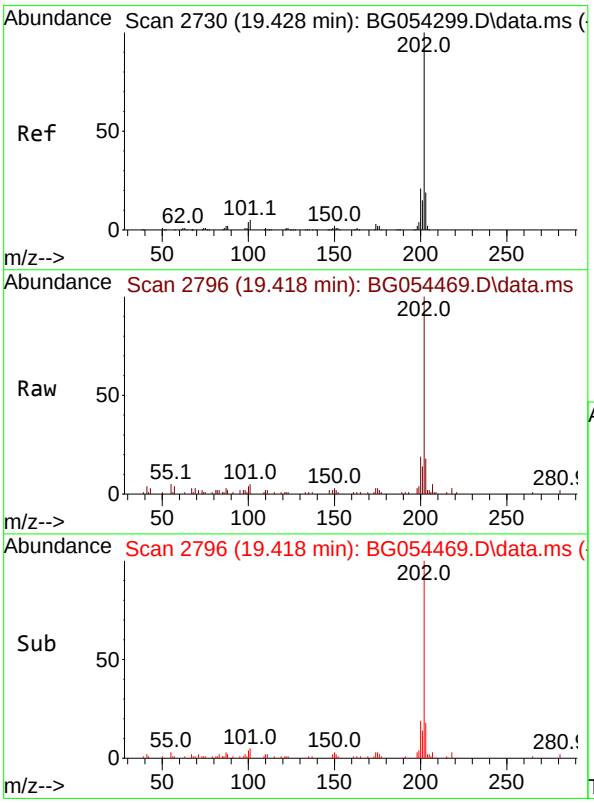
#67
4-Bromophenyl-phenylether
Concen: 4.237 ng
RT: 16.116 min Scan# 2
Delta R.T. -0.439 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:248 Resp: 8222

Ion	Ratio	Lower	Upper
248	100		
250	206.6	75.2	112.8#
141	343.5	50.0	75.0#

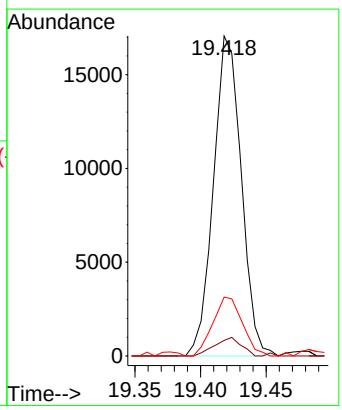


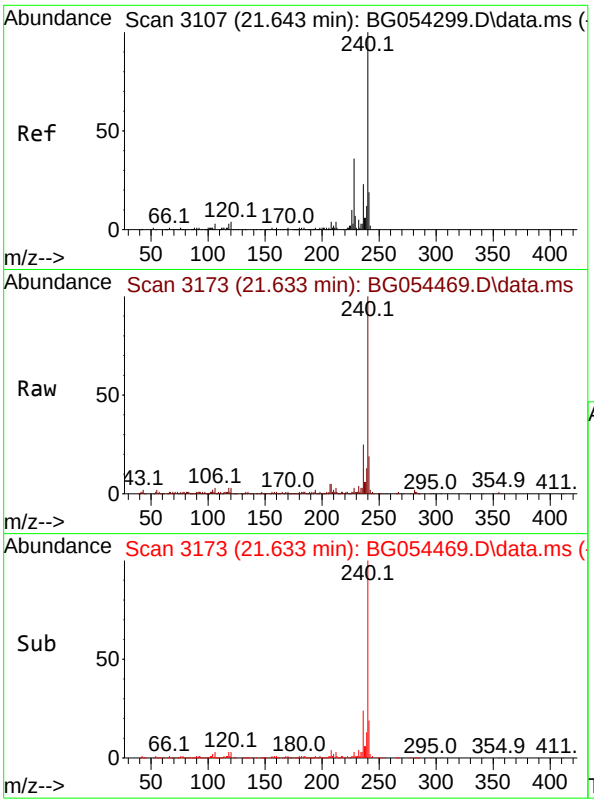


#75
Fluoranthene
Concen: 2.679 ng
RT: 19.418 min Scan# 2796
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:202 Resp: 25131

Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	26.9
203	18.4	0.0	37.2



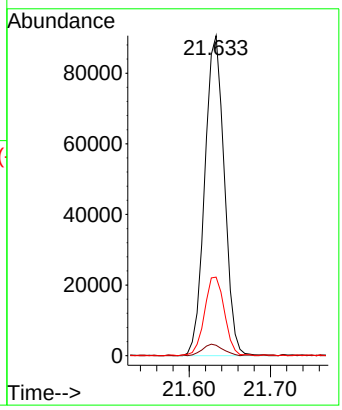


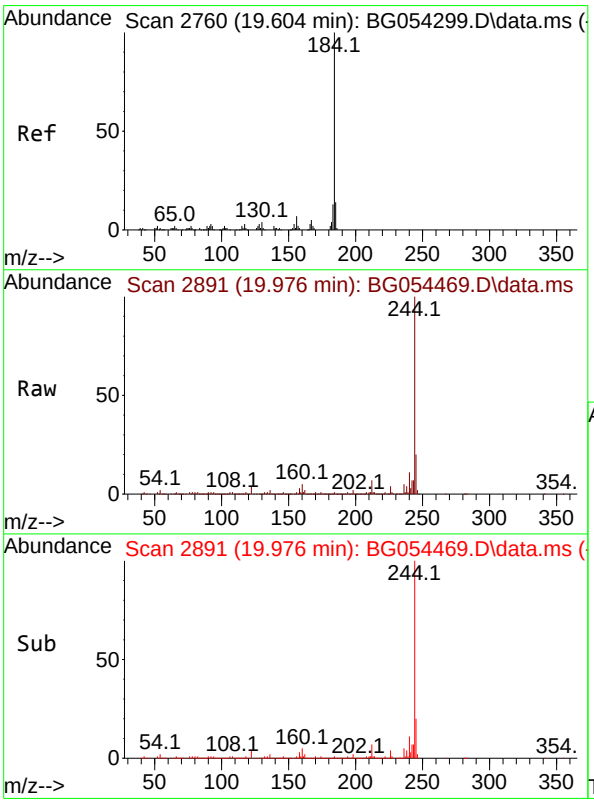
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:240 Resp: 151241

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	24.6	20.2	30.4

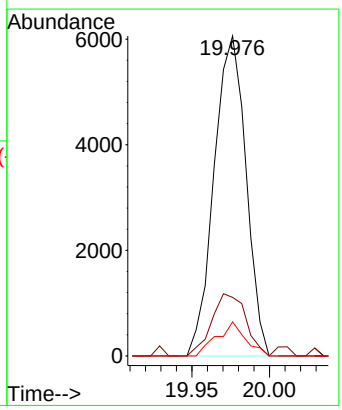


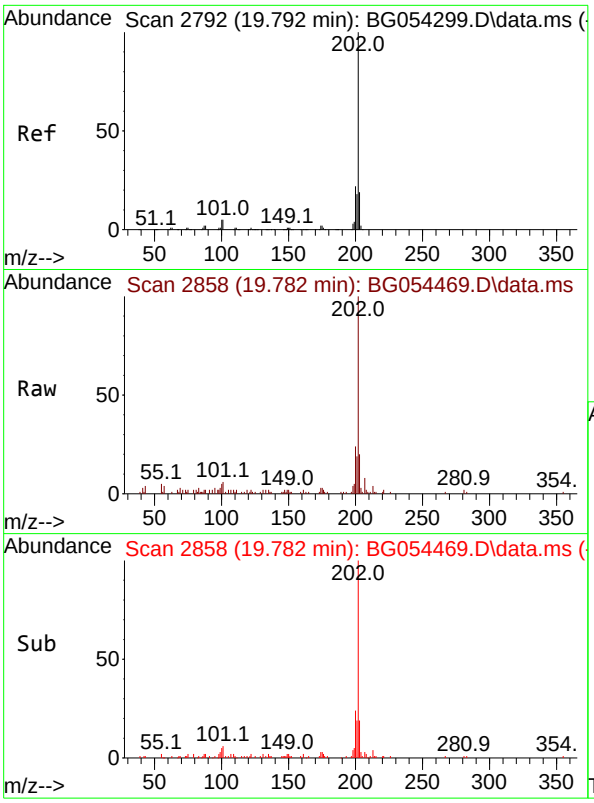


#77
Benzidine
Concen: 3.163 ng
RT: 19.976 min Scan# 2891
Delta R.T. 0.378 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:184 Resp: 8664

Ion	Ratio	Lower	Upper
184	100		
185	18.3	11.8	17.6#
183	10.7	8.9	13.3



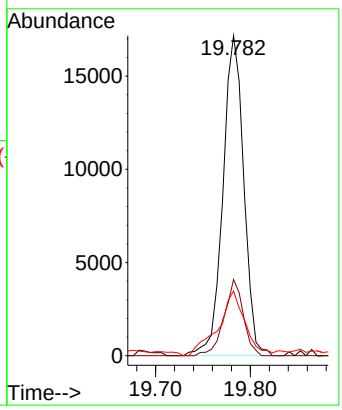


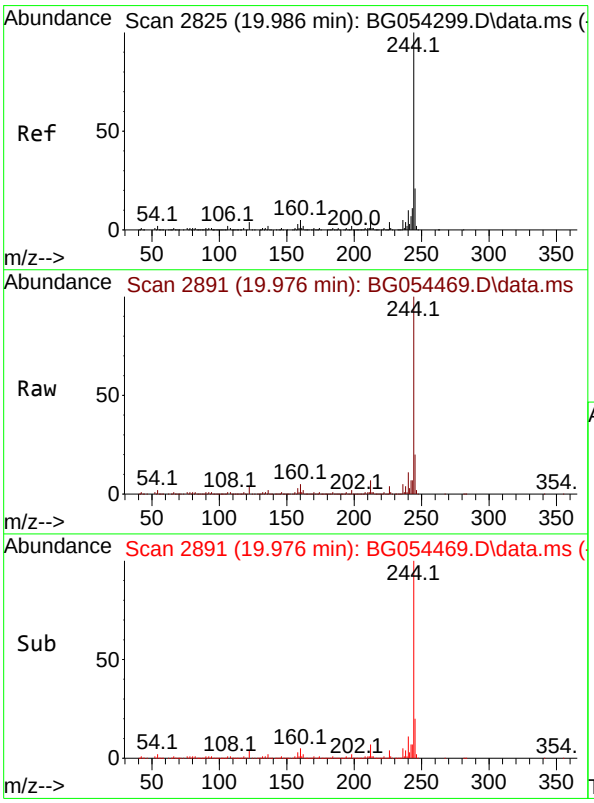
#78
Pyrene
Concen: 3.029 ng
RT: 19.782 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:202 Resp: 26287

Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.6	24.8
203	20.2	14.6	21.8

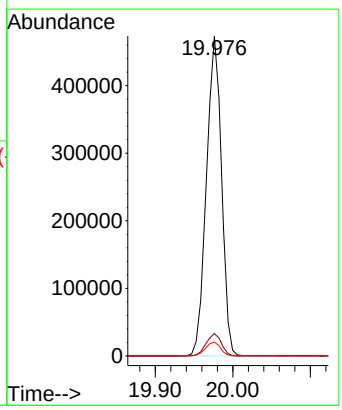


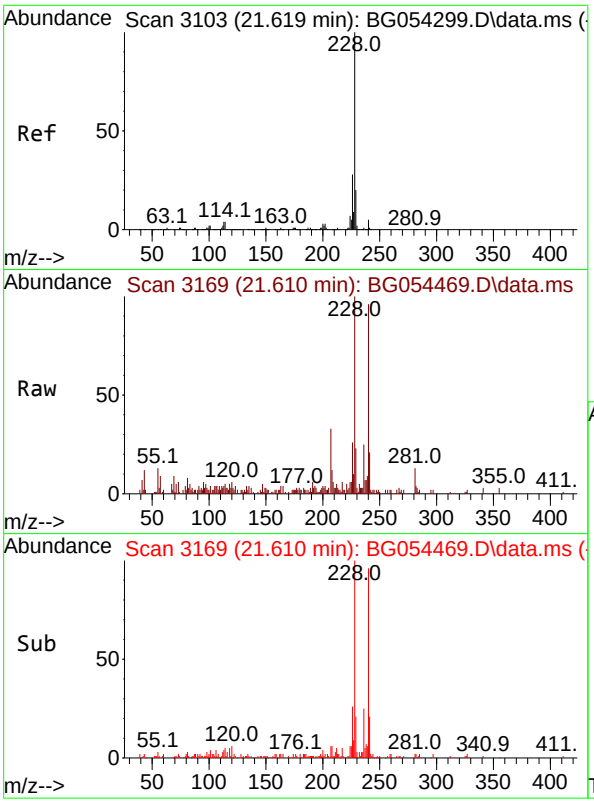


#79
Terphenyl-d14
Concen: 83.994 ng
RT: 19.976 min Scan# 2891
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:244 Resp: 640355

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	4.4	5.0	7.4#



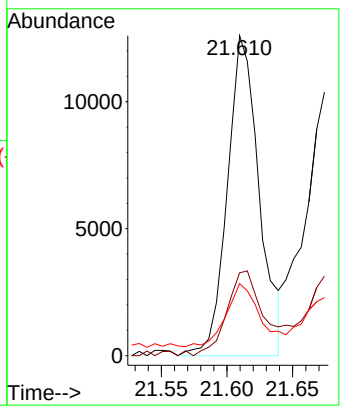


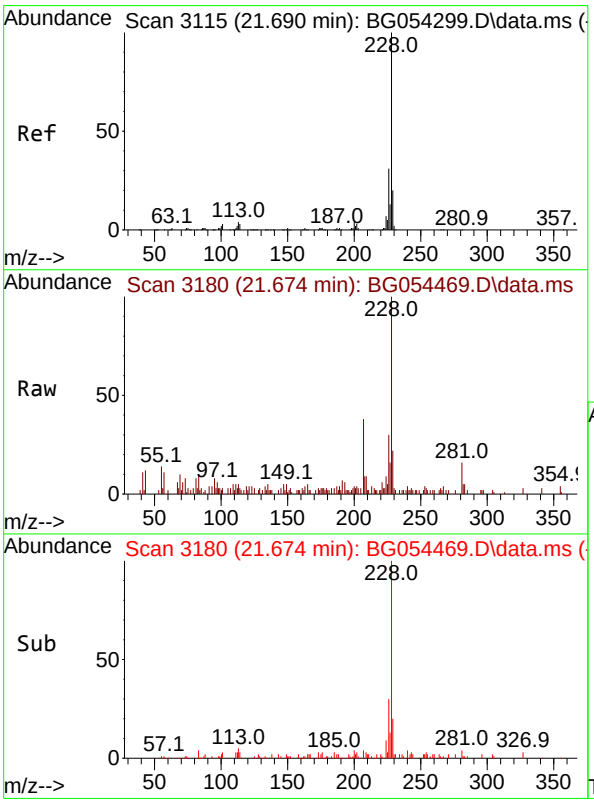
#81
Benzo(a)anthracene
Concen: 2.218 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:228 Resp: 21292

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.6	32.4
229	22.5	16.2	24.2

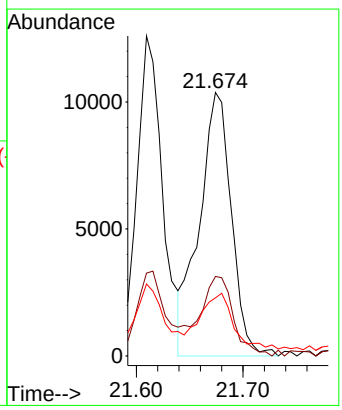


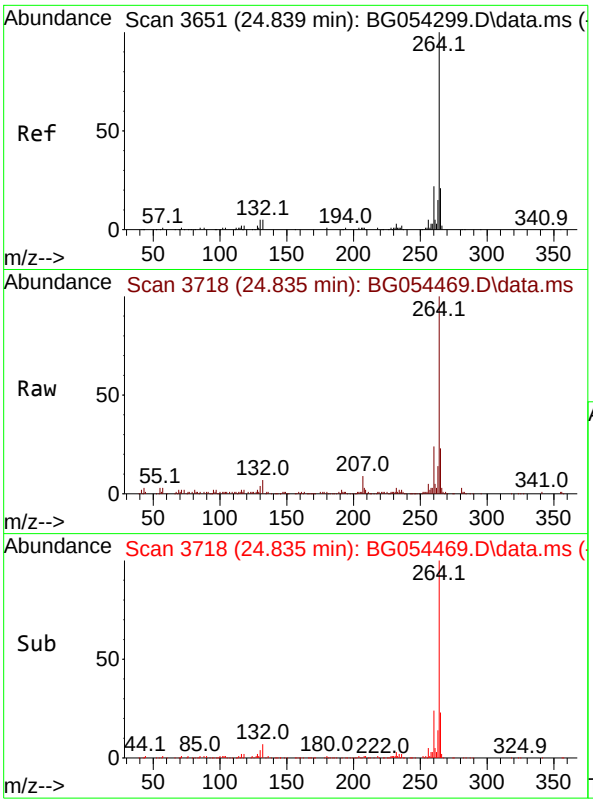


#83
Chrysene
Concen: 2.402 ng
RT: 21.674 min Scan# 3180
Delta R.T. -0.010 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:228 Resp: 21791

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.1	15.5	23.3



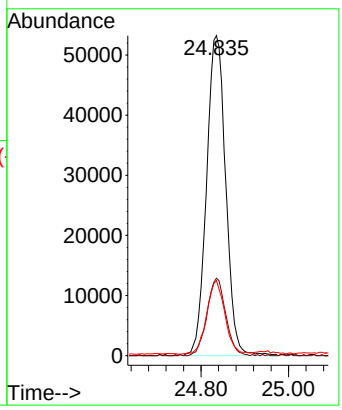


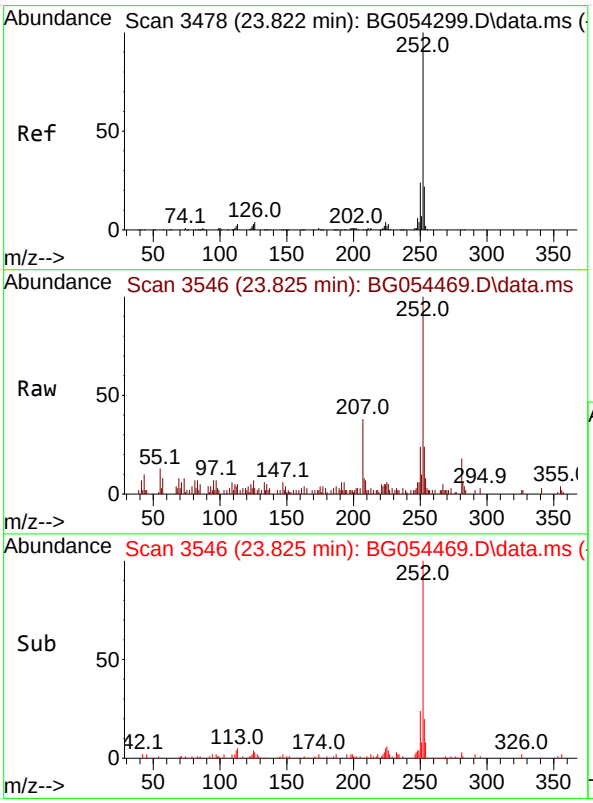
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.835 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:264 Resp: 162000

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	23.4	17.4	26.2

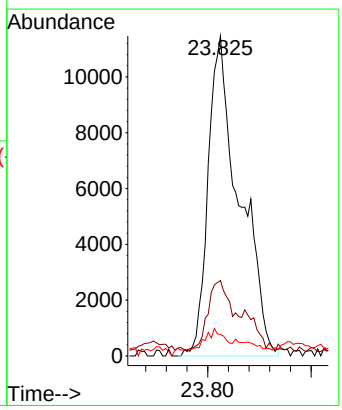


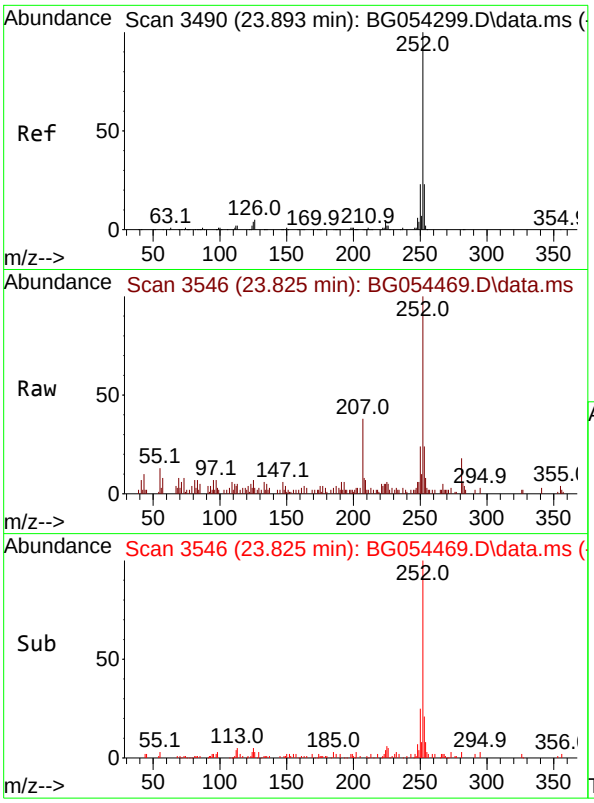


#88
Benzo(b)fluoranthene
Concen: 5.025 ng
RT: 23.825 min Scan# 3546
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:252 Resp: 48139

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	6.7	4.6	6.8



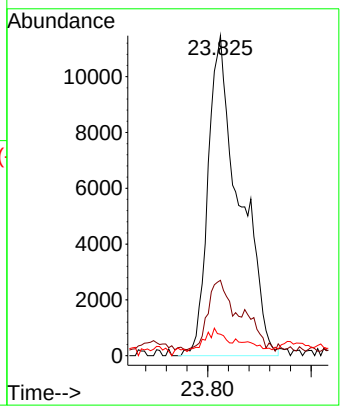


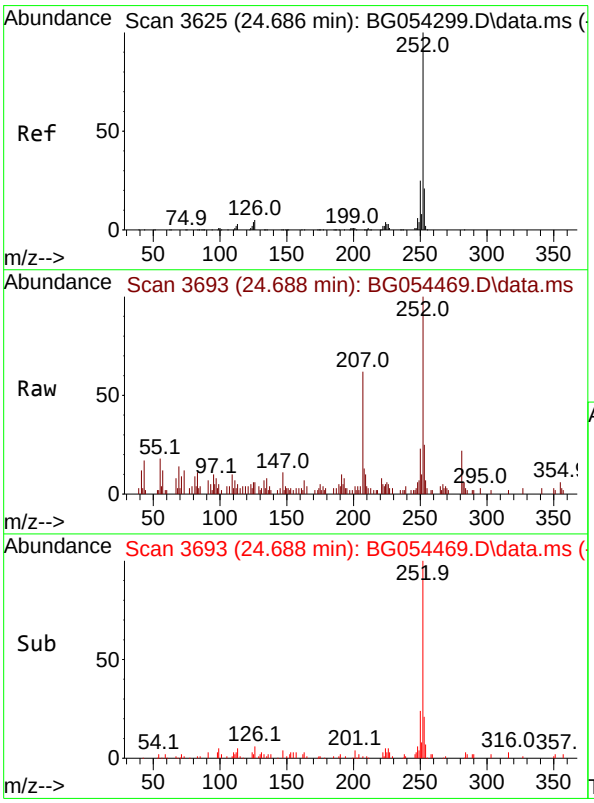
#89
Benzo(k)fluoranthene
Concen: 5.049 ng
RT: 23.825 min Scan# 3
Delta R.T. -0.063 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
RVE-62

Tgt Ion:252 Resp: 48139

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	6.7	4.8	7.2





#90
Benzo(a)pyrene
Concen: 2.985 ng
RT: 24.688 min Scan# 3693
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Tgt Ion:252 Resp: 24425

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	6.0	4.3	6.5