Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060214.D
Acq On : 3 Jan 2024 5:18
Operator : MA/JU
Sample : 05899-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 05:52:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	238643	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	998635	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	796501	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1912028	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1568413	20.000	ng	0.00
86) Perylene-d12	24.762	264	1784365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1558438	98.566	ng	0.00
7) Phenol-d6	7.100	99	2128078	90.650	ng	0.00
23) Nitrobenzene-d5	9.098	82	1254801	58.038	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	924726	86.731	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3129136	56.463	ng	0.00
79) Terphenyl-d14	19.944	244	4348176	53.298	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	152883	9.533	ng	# 84
32) Benzoic acid	10.050	122	85	10.277	ng	# 28
51) 2,6-Dinitrotoluene	14.574	165	105704	8.264	ng	# 29
54) 2,4-Dinitrophenol	15.150	184	364	8.280	ng	91
57) 2,4-Dinitrotoluene	14.574	165	105704	6.077	ng	# 26
67) 4-Bromophenyl-phenylether	16.066	248	54814	2.704	ng	# 1
72) Anthracene	17.453	178	279822	2.981	ng	93

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

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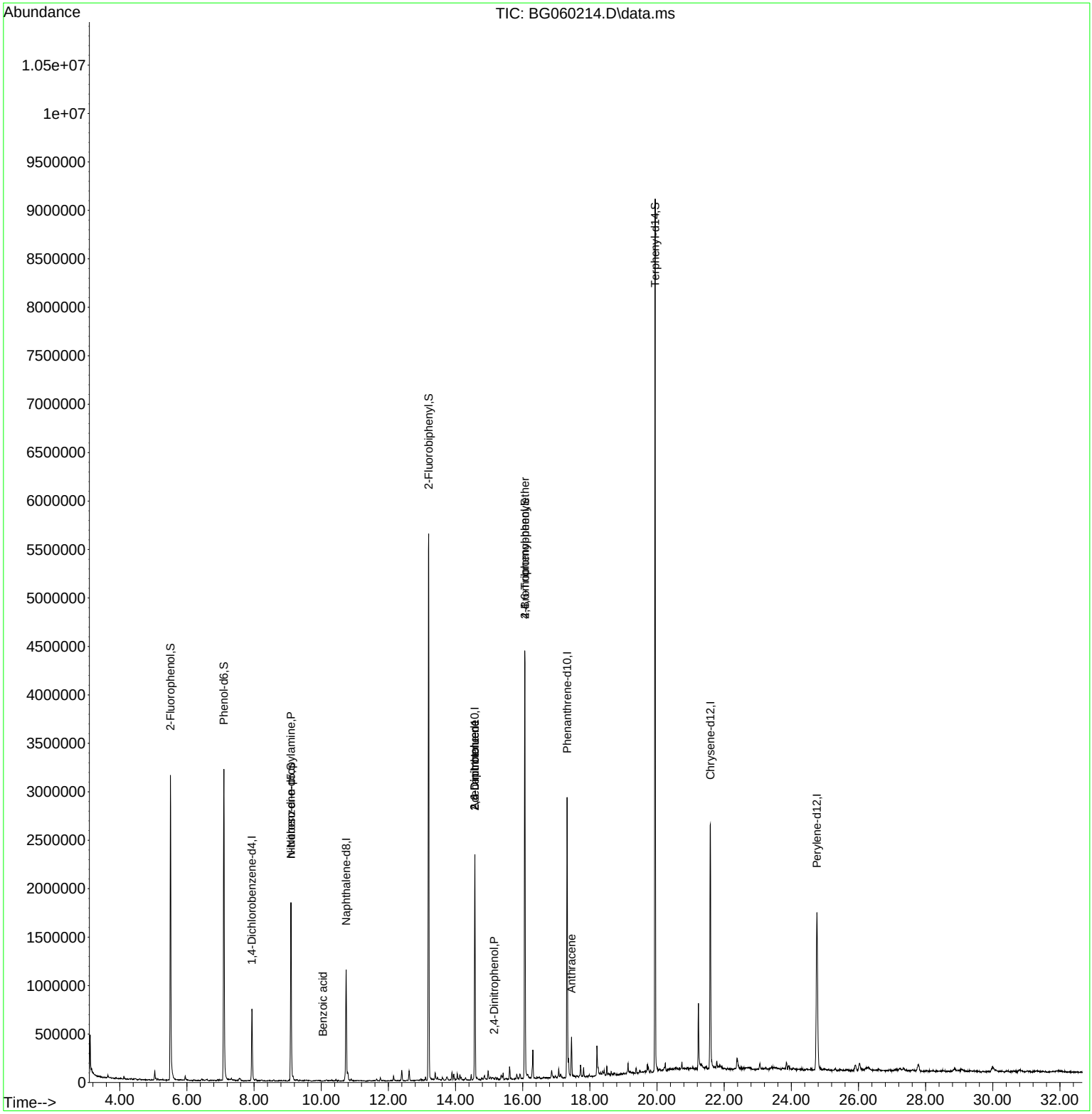
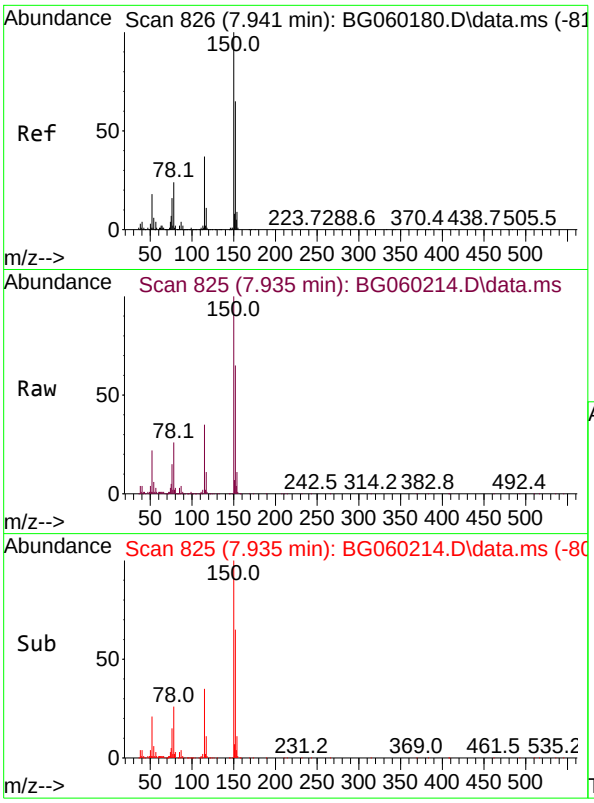


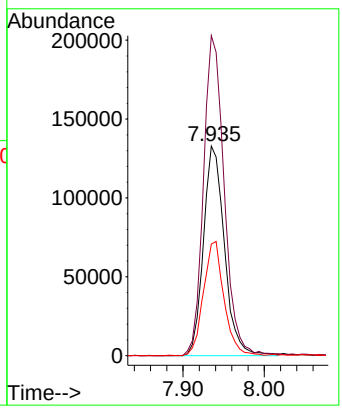


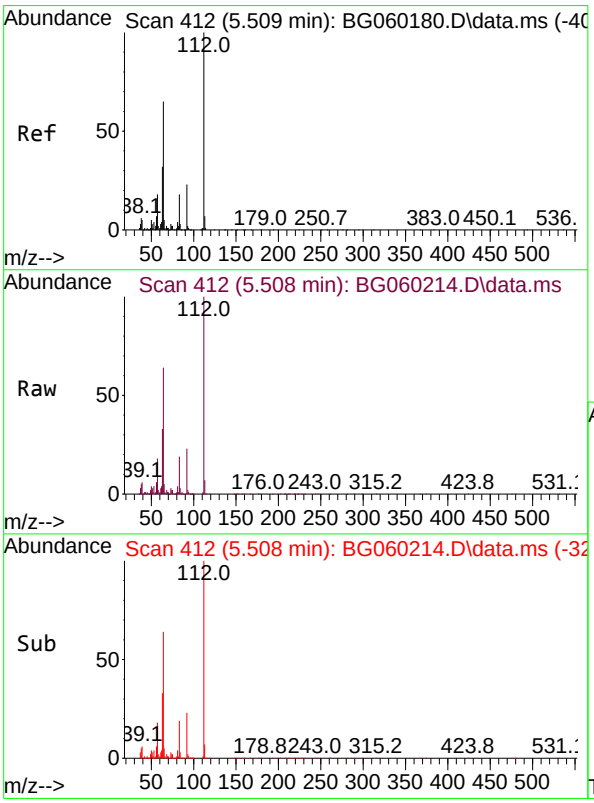
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 238643

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.4	185.0
115	53.2	45.4	68.0

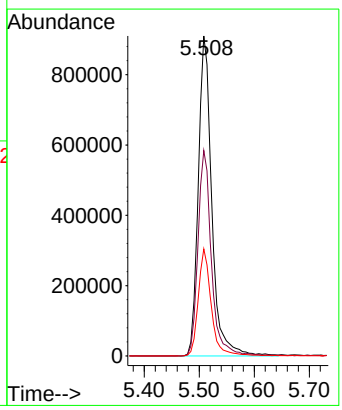


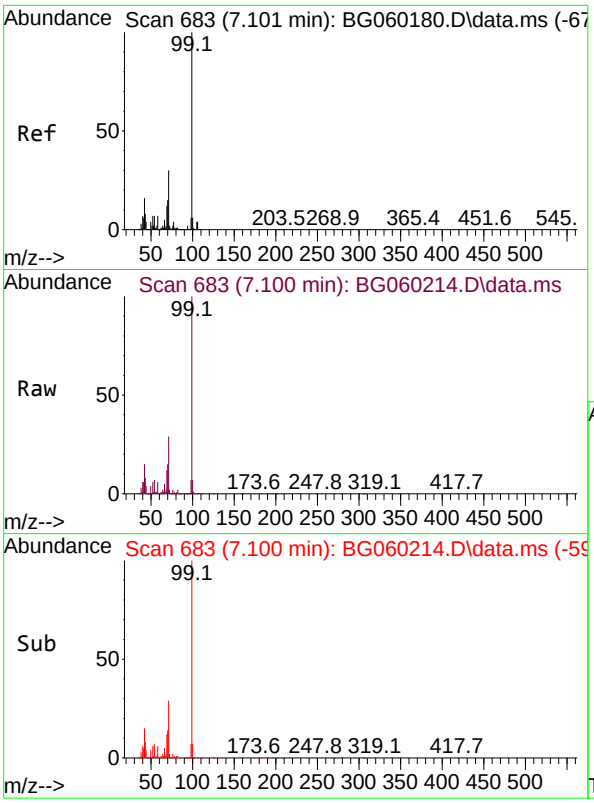


#5
2-Fluorophenol
Concen: 98.566 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:112 Resp: 1558438

Ion	Ratio	Lower	Upper
112	100		
64	64.2	52.2	78.4
63	33.5	25.4	38.0



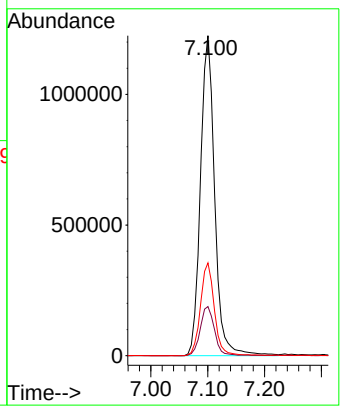


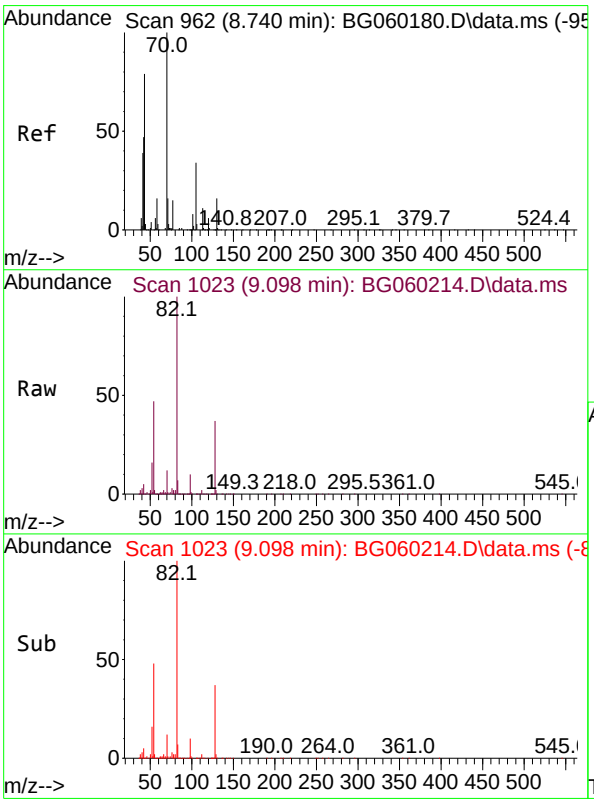
#7
Phenol-d6
Concen: 90.650 ng
RT: 7.100 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 2128078

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.5	18.7
71	29.0	24.1	36.1

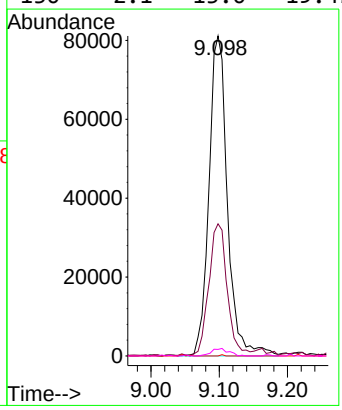


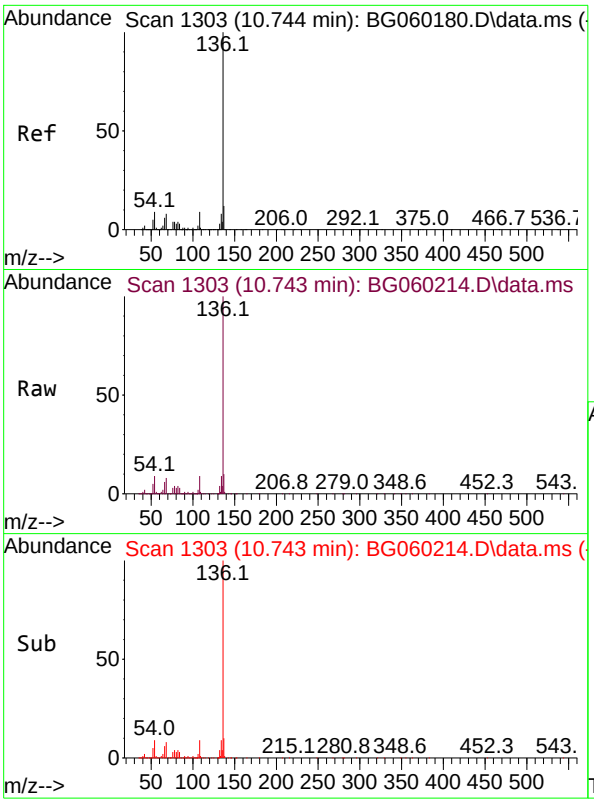


#19
n-Nitroso-di-n-propylamine
Concen: 9.533 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion: 70 Resp: 152883

Ion	Ratio	Lower	Upper
70	100		
42	41.3	37.9	56.9
101	0.0	6.2	9.2#
130	2.1	13.0	19.4#



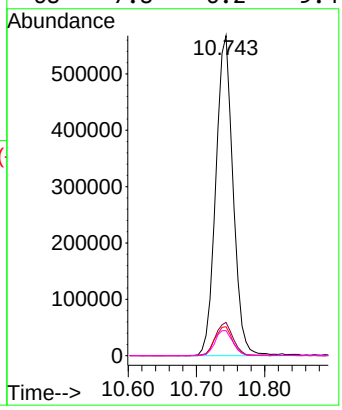


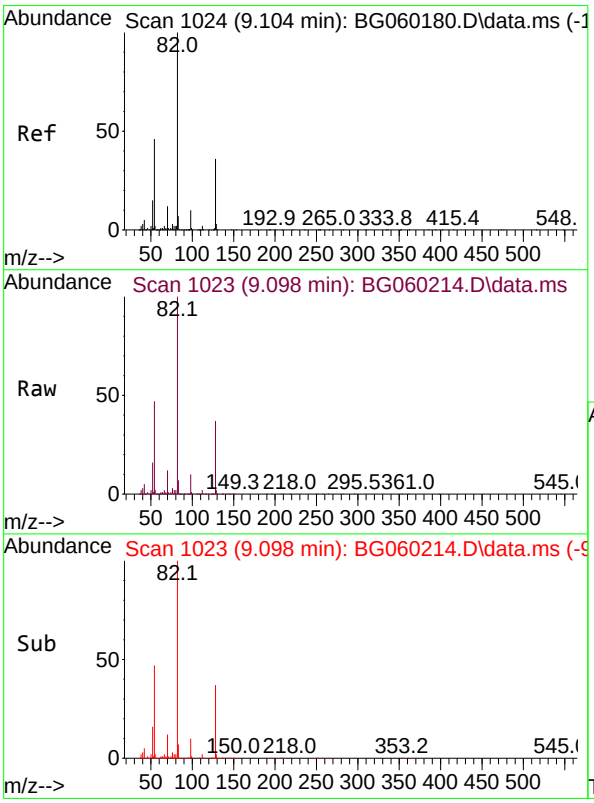
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 998635

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.0
54	9.0	7.4	11.2
68	7.8	6.2	9.4

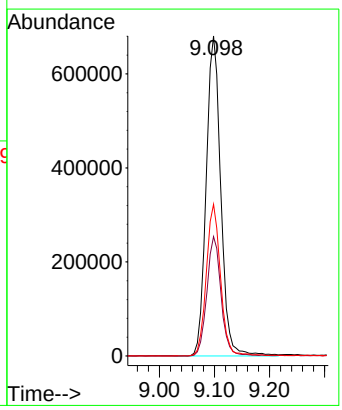


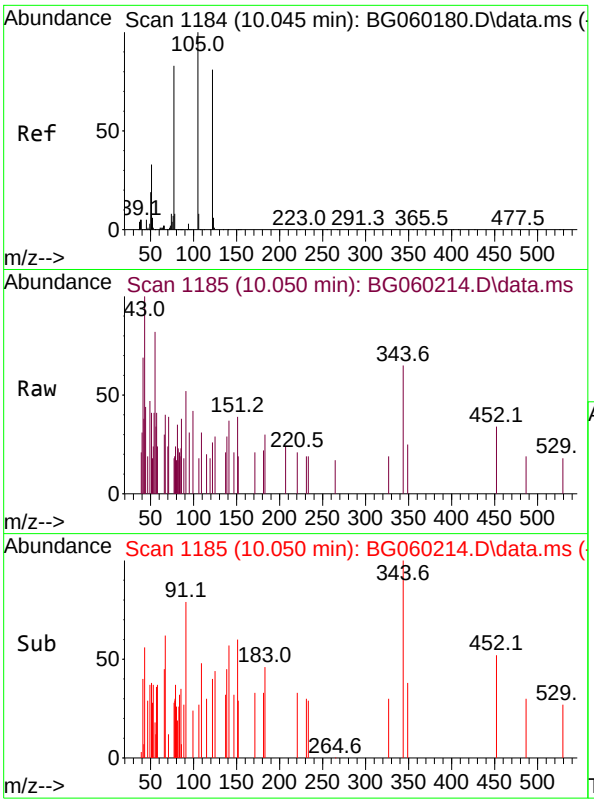


#23
Nitrobenzene-d5
Concen: 58.038 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion: 82 Resp: 1254801

Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.7	43.1
54	47.4	36.9	55.3



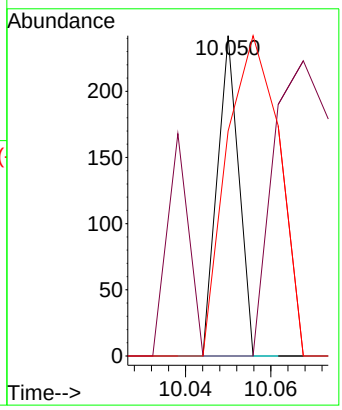


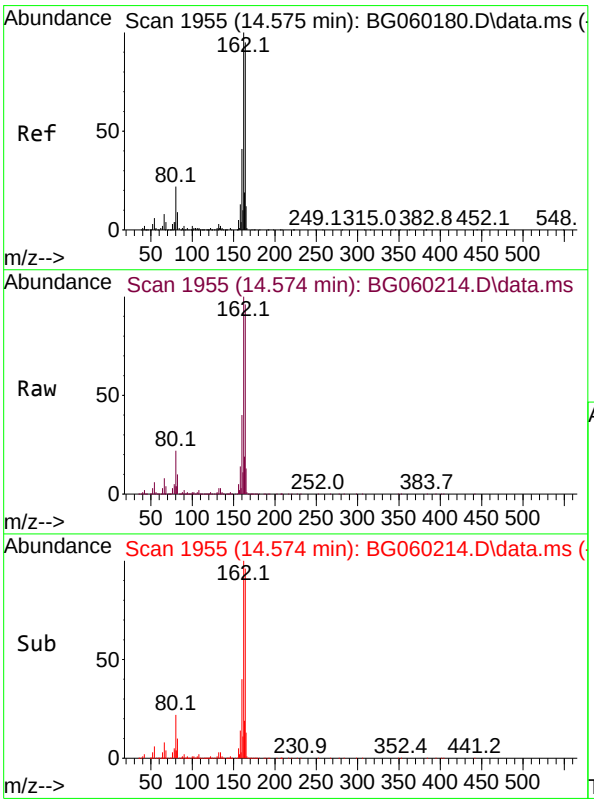
#32
Benzoic acid
Concen: 10.277 ng
RT: 10.050 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 85

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.2	139.2#
77	70.2	81.0	121.0#

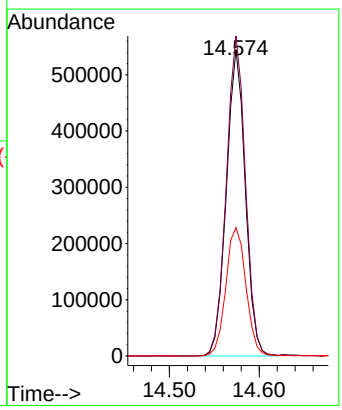


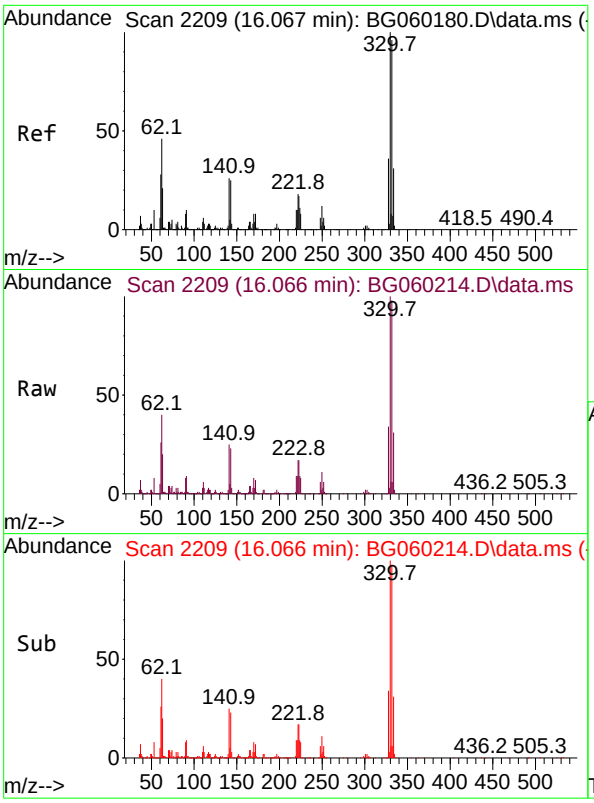


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:164 Resp: 796501

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.9	125.9
160	41.9	34.2	51.4



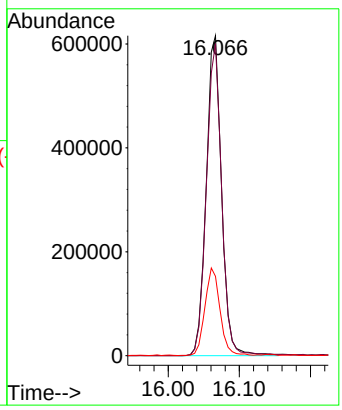


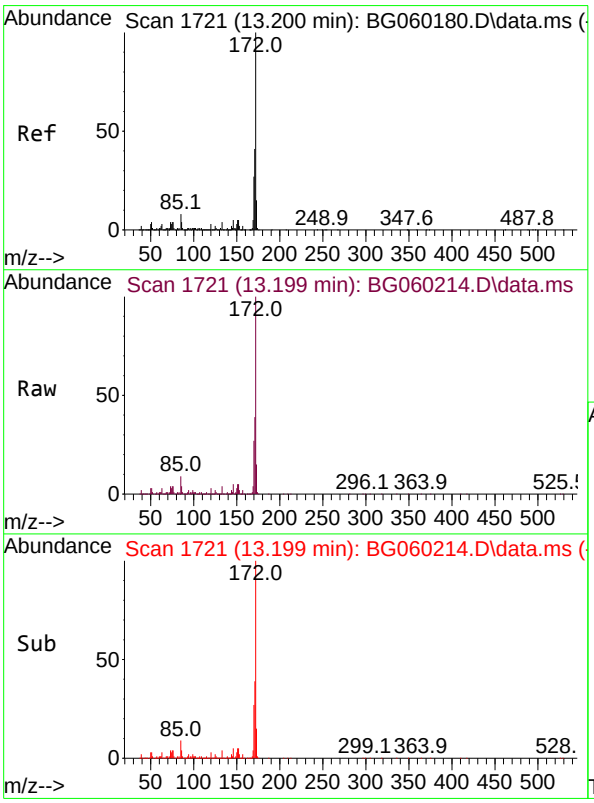
#42
2,4,6-Tribromophenol
Concen: 86.731 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 924726

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	26.9	21.0	31.4

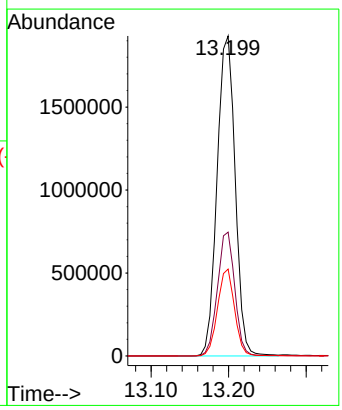


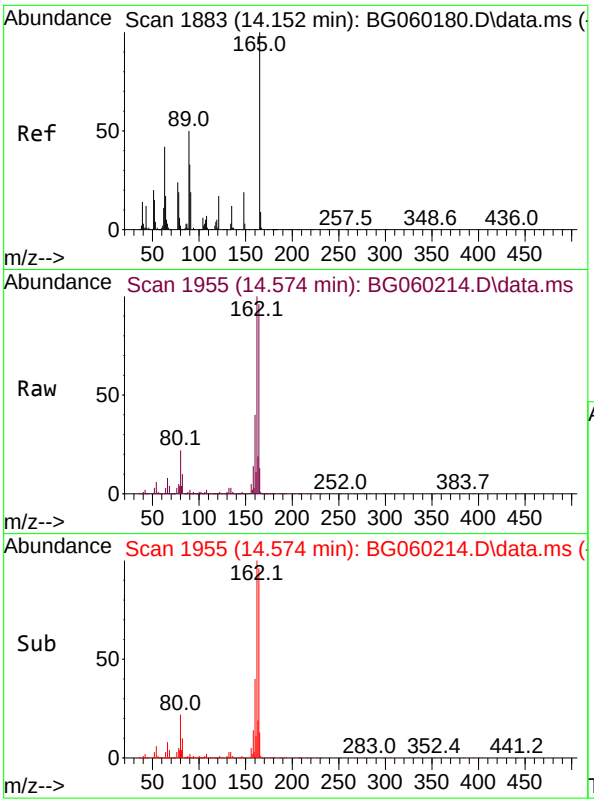


#45
2-Fluorobiphenyl
Concen: 56.463 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:172 Resp: 3129136

Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.6	48.8
170	27.1	21.8	32.6



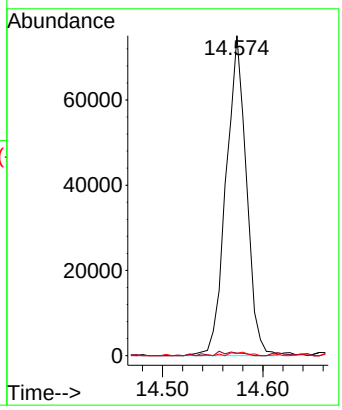


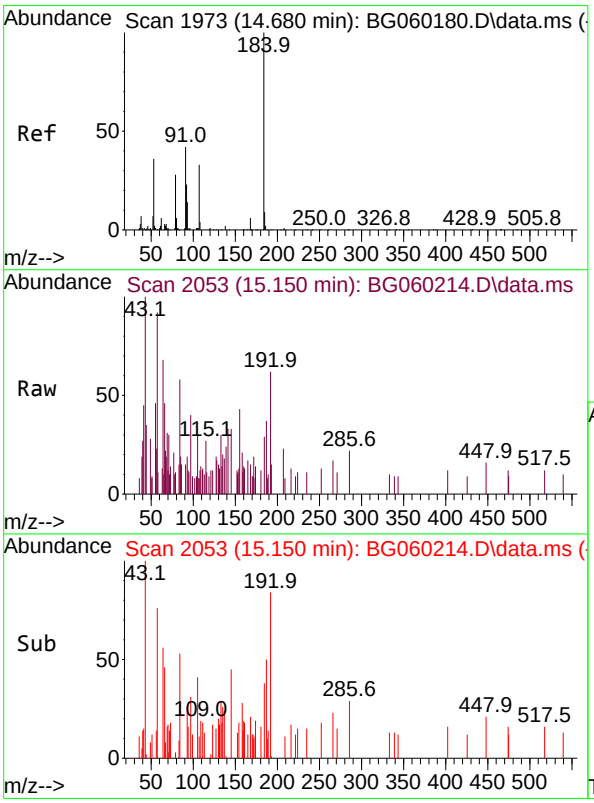
#51
2,6-Dinitrotoluene
Concen: 8.264 ng
RT: 14.574 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 105704

Ion	Ratio	Lower	Upper
165	100		
63	0.8	39.3	58.9#
89	0.7	39.8	59.8#

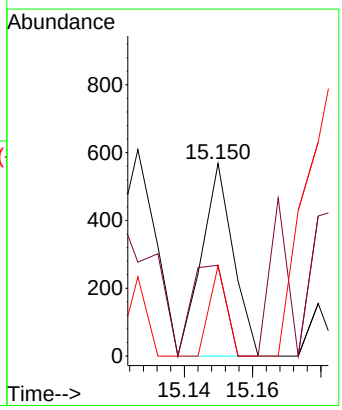


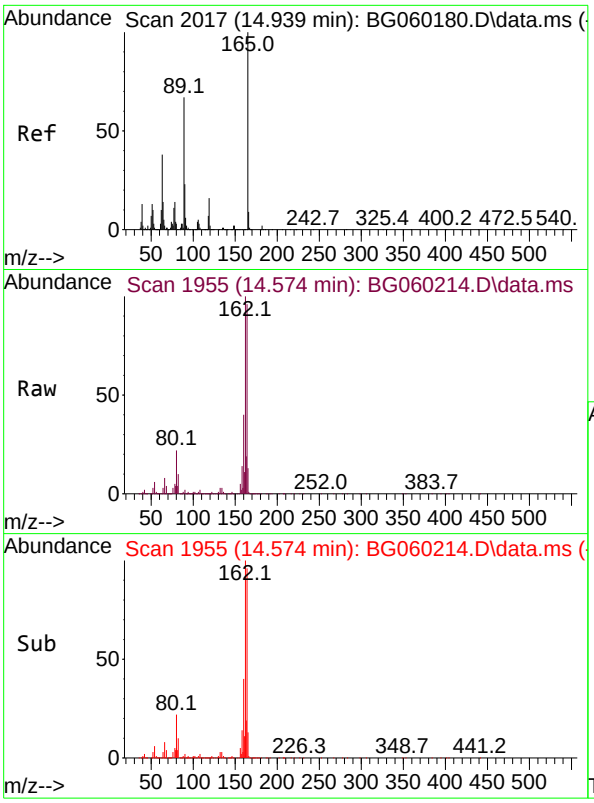


#54
2,4-Dinitrophenol
Concen: 8.280 ng
RT: 15.150 min Scan# 2053
Delta R.T. 0.470 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:184 Resp: 364

Ion	Ratio	Lower	Upper
184	100		
63	47.2	45.4	68.2
154	46.8	40.0	60.0



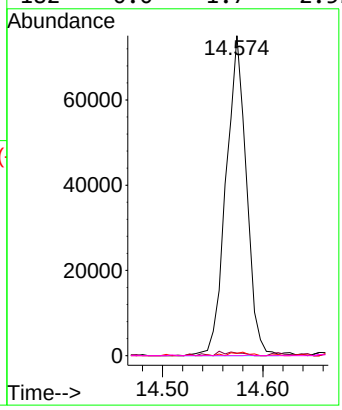


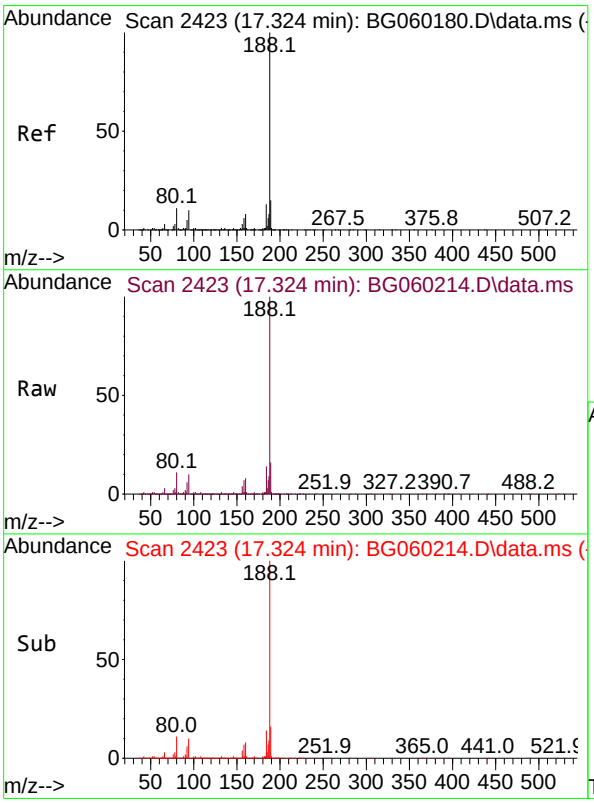
#57
2,4-Dinitrotoluene
Concen: 6.077 ng
RT: 14.574 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 105704

Ion	Ratio	Lower	Upper
165	100		
63	0.8	31.0	46.6#
89	0.7	53.3	79.9#
182	0.0	1.7	2.5#

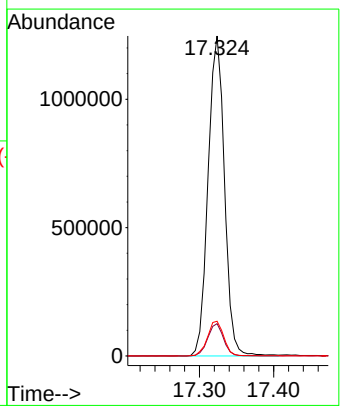


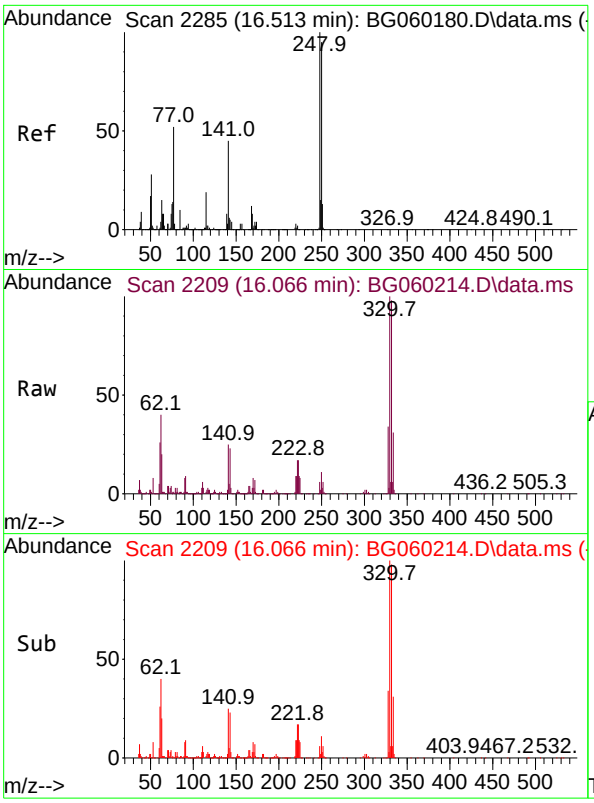


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:188 Resp: 1912028

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.8	8.6	13.0



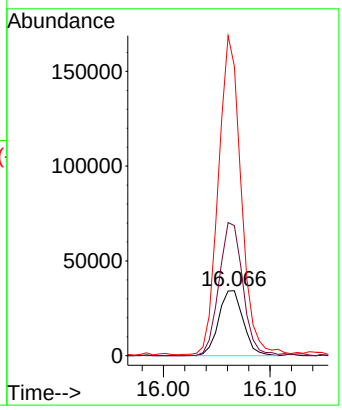


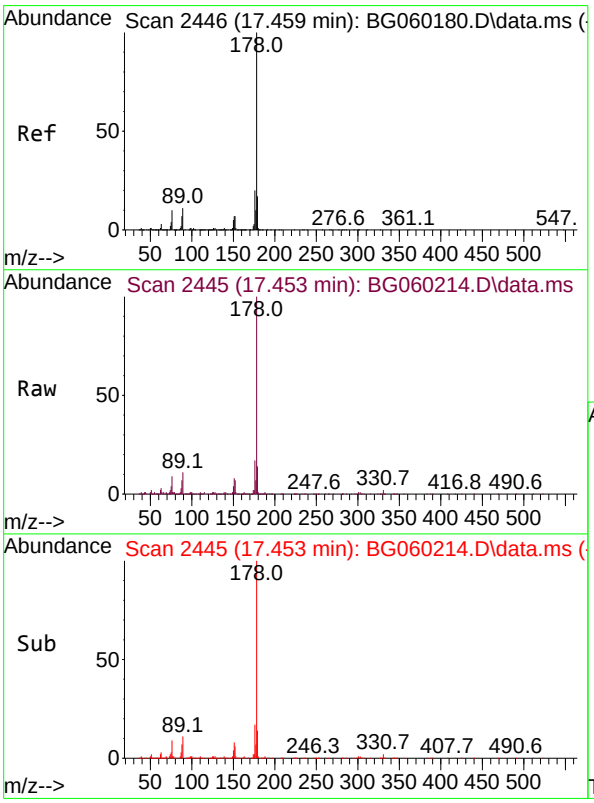
#67
4-Bromophenyl-phenylether
Concen: 2.704 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 54814

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.2	114.4#
141	445.8	36.0	54.0#

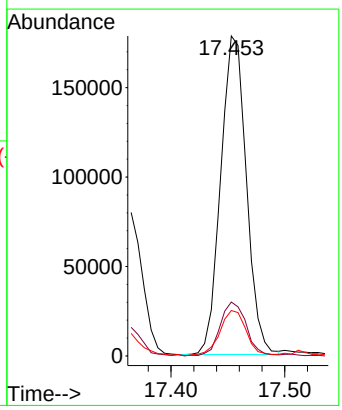


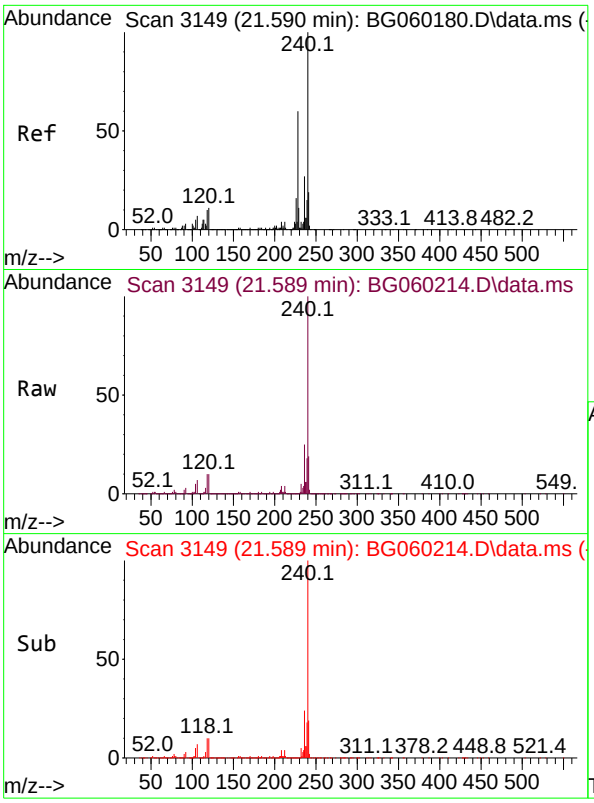


#72
Anthracene
Concen: 2.981 ng
RT: 17.453 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:178 Resp: 279822

Ion	Ratio	Lower	Upper
178	100		
176	16.9	16.2	24.2
179	14.2	14.0	21.0



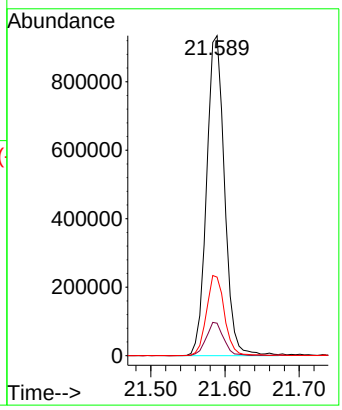


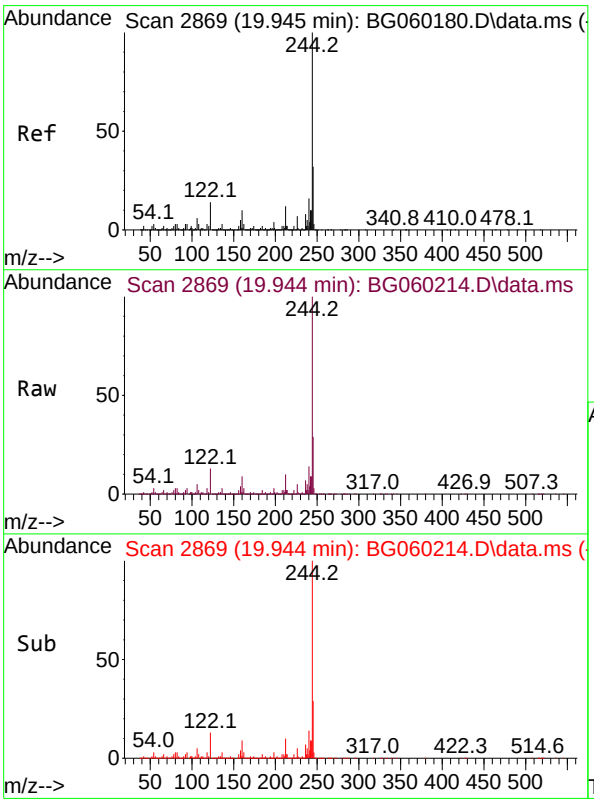
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 1568413

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	24.5	21.4	32.2

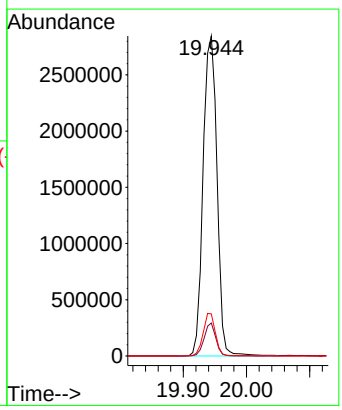


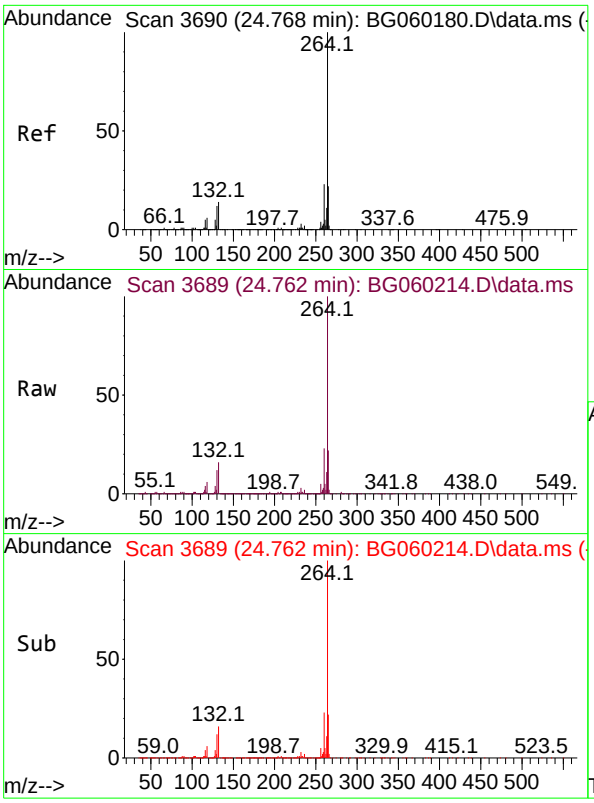


#79
Terphenyl-d14
Concen: 53.298 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Tgt Ion:244 Resp: 4348176

Ion	Ratio	Lower	Upper
244	100		
212	10.3	9.5	14.3
122	13.2	11.4	17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG060214.D
Acq: 3 Jan 2024 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 1784365

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.0	27.0
265	21.9	17.4	26.0