Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060264.D
Acq On : 5 Jan 2024 4:27
Operator : MA/JU
Sample : 06045-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Quant Time: Jan 05 05:03:23 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	183087	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	745085	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	606096	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1644934	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1552174	20.000	ng	0.00
86) Perylene-d12	24.762	264	1740112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1631271	134.479	ng	0.00
7) Phenol-d6	7.100	99	2312025	128.370	ng	0.00
23) Nitrobenzene-d5	9.098	82	1539982	95.468	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1346435	165.956	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3671280	87.056	ng	0.00
79) Terphenyl-d14	19.944	244	5716492	70.803	ng	0.00
Target Compounds						Qvalue

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

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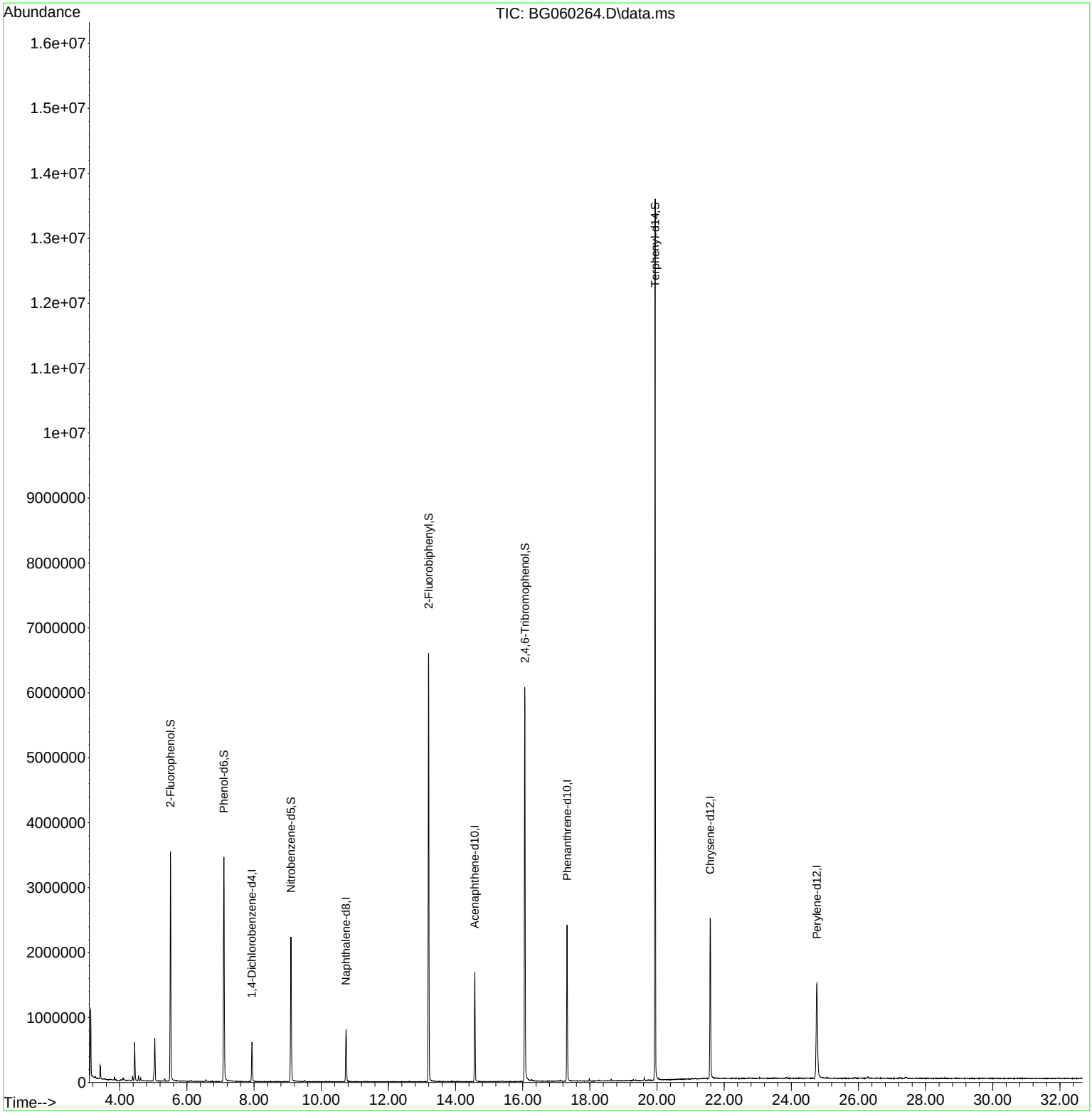
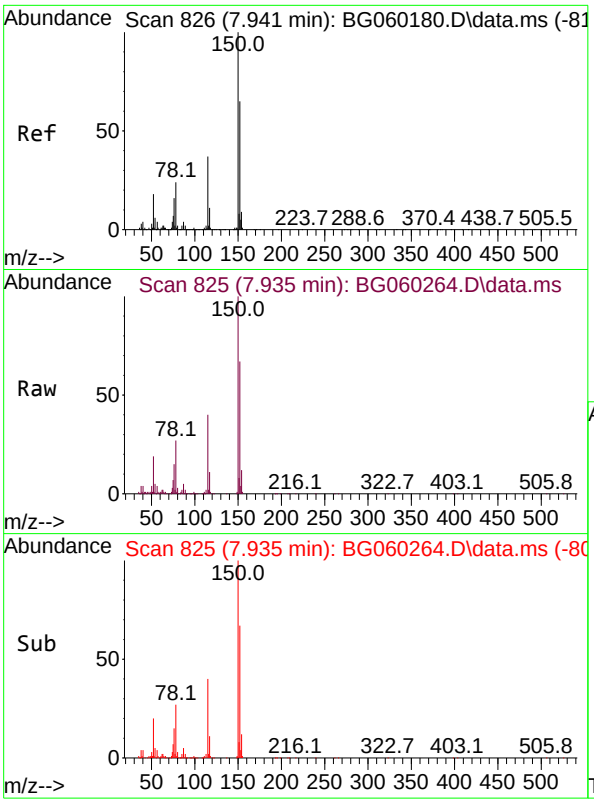


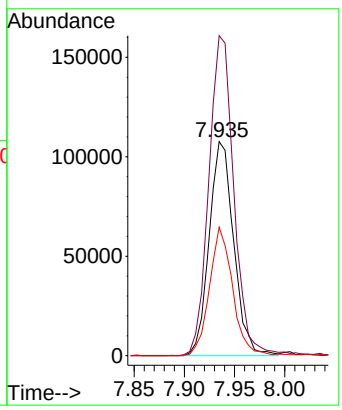


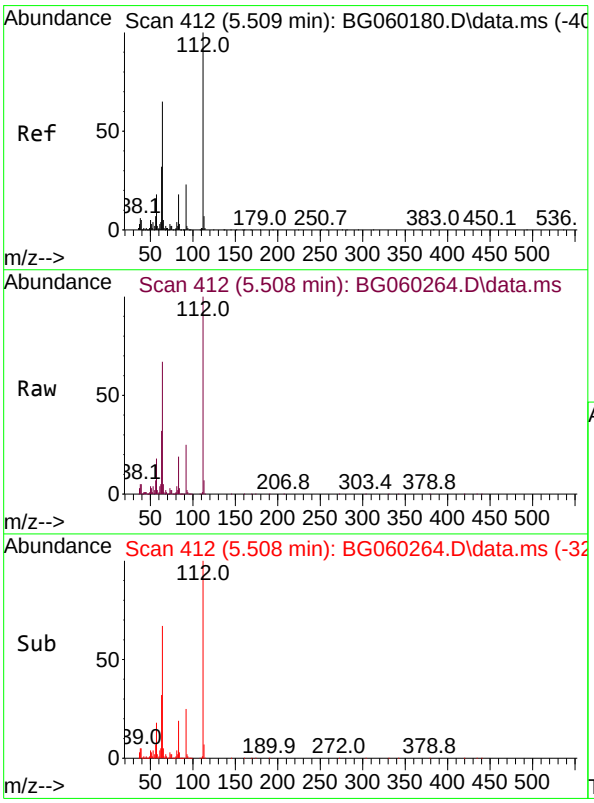
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion:152 Resp: 183087

Ion	Ratio	Lower	Upper
152	100		
150	149.5	123.4	185.0
115	60.0	45.4	68.0

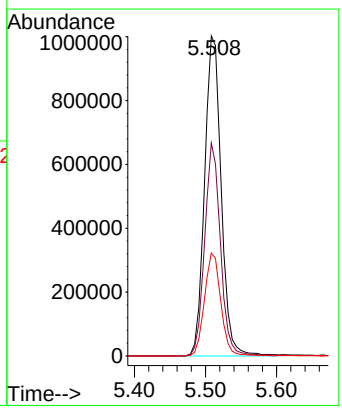


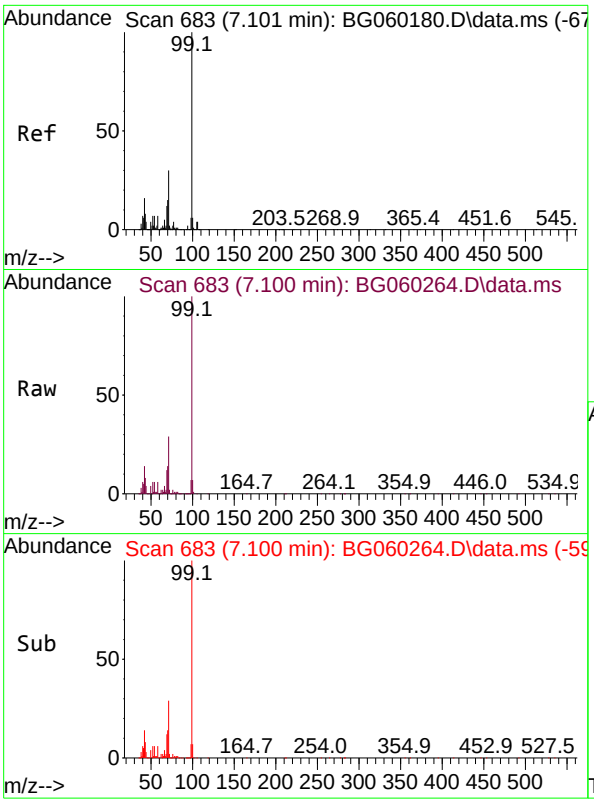


#5
2-Fluorophenol
Concen: 134.479 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:112 Resp: 1631271

Ion	Ratio	Lower	Upper
112	100		
64	66.6	52.2	78.4
63	32.1	25.4	38.0



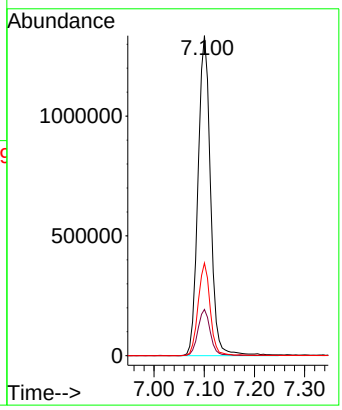


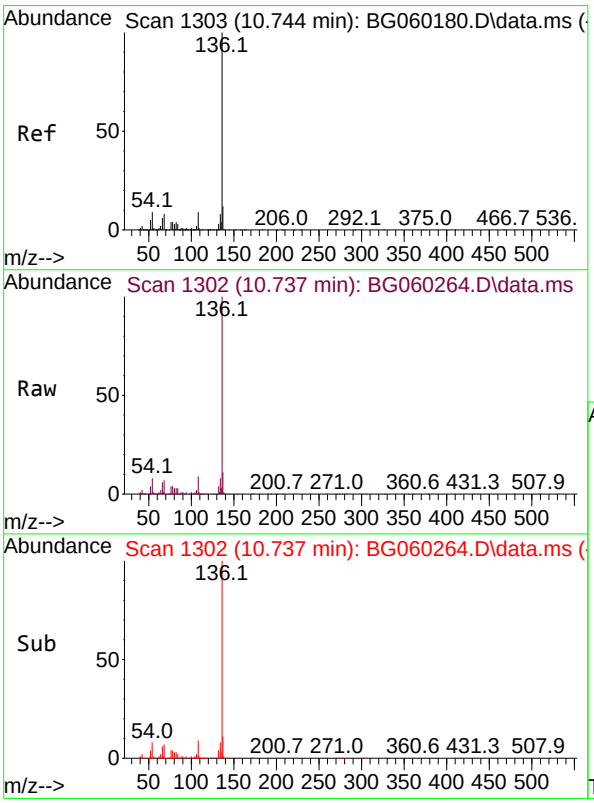
#7
Phenol-d6
Concen: 128.370 ng
RT: 7.100 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion: 99 Resp: 2312025

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	29.0	24.1	36.1

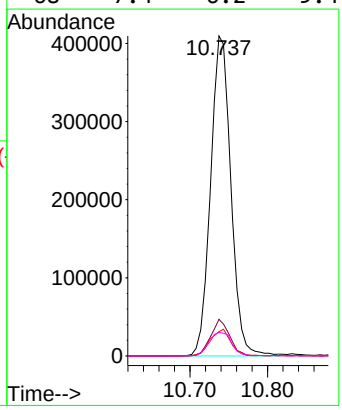


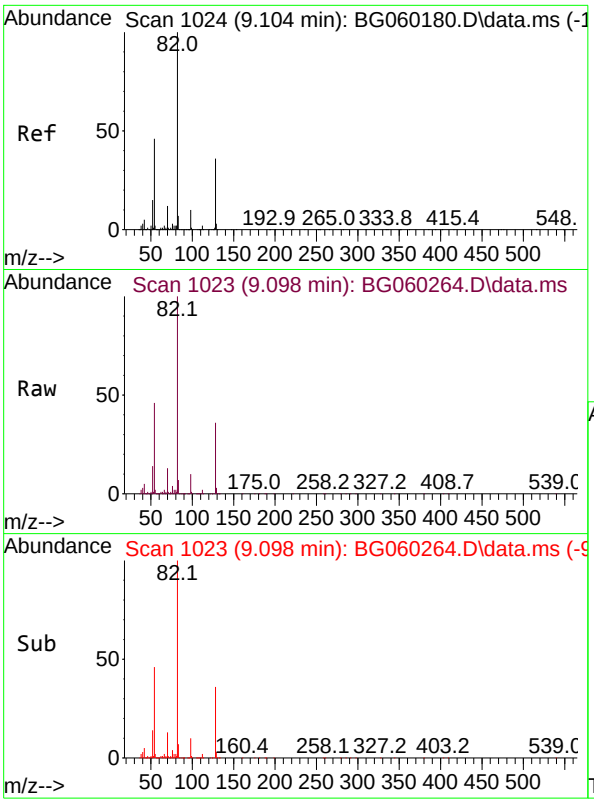


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:136 Resp: 745085

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	7.6	7.4	11.2
68	7.4	6.2	9.4



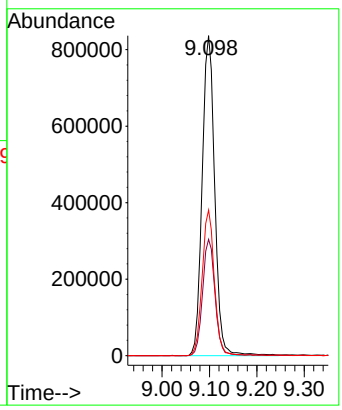


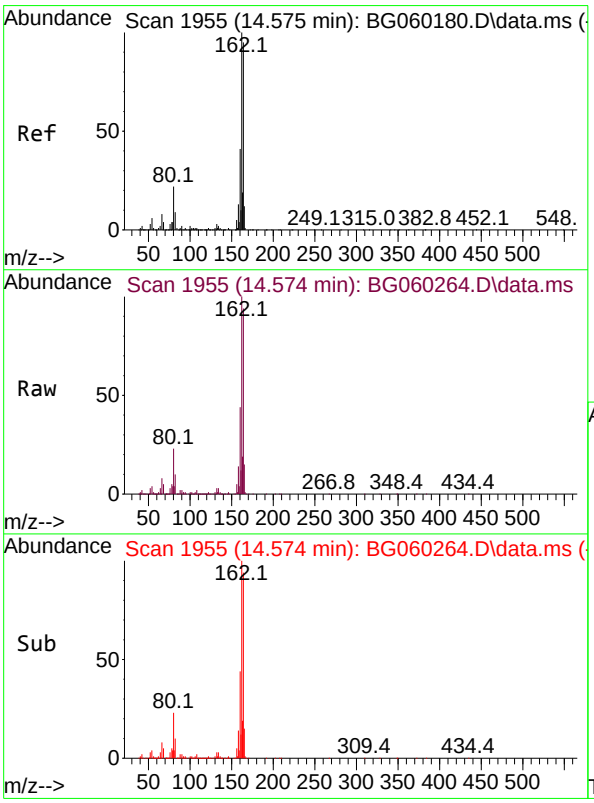
#23
Nitrobenzene-d5
Concen: 95.468 ng
RT: 9.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion: 82 Resp: 1539982

Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.7	43.1
54	45.5	36.9	55.3

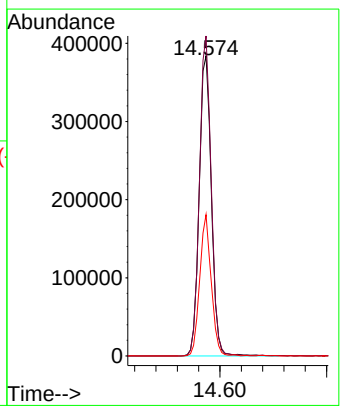


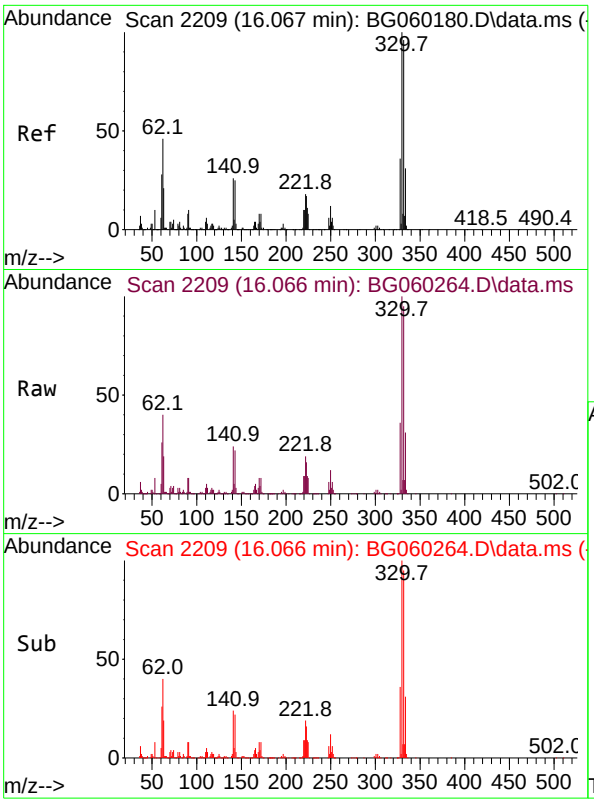


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:164 Resp: 606096

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.9	125.9
160	47.0	34.2	51.4



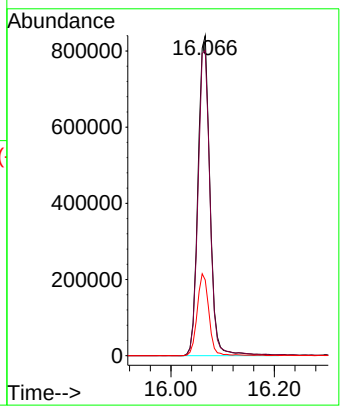


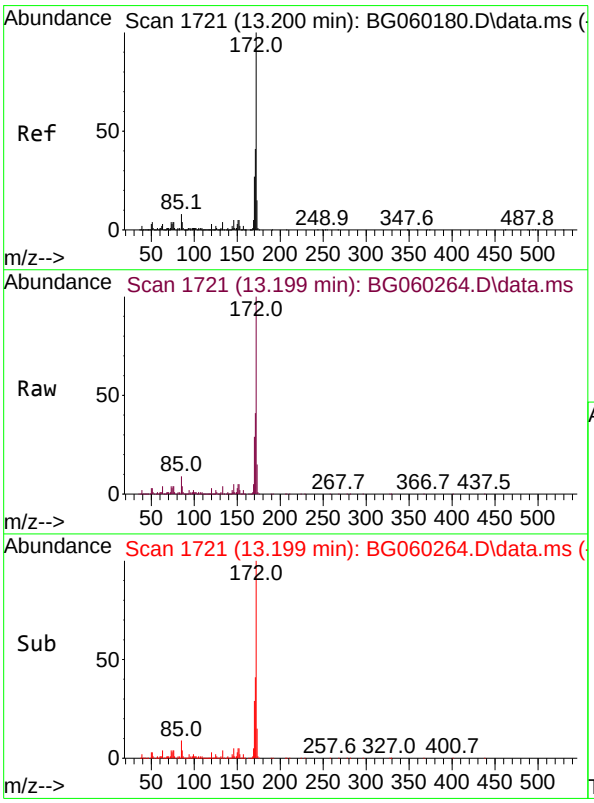
#42
2,4,6-Tribromophenol
Concen: 165.956 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion:330 Resp: 1346435

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.7	115.1
141	24.8	21.0	31.4

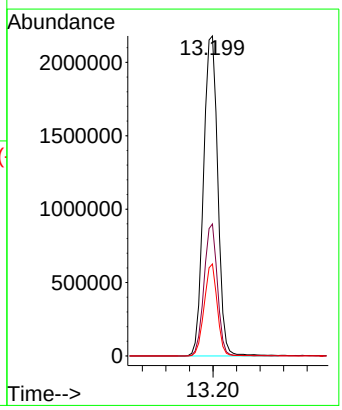


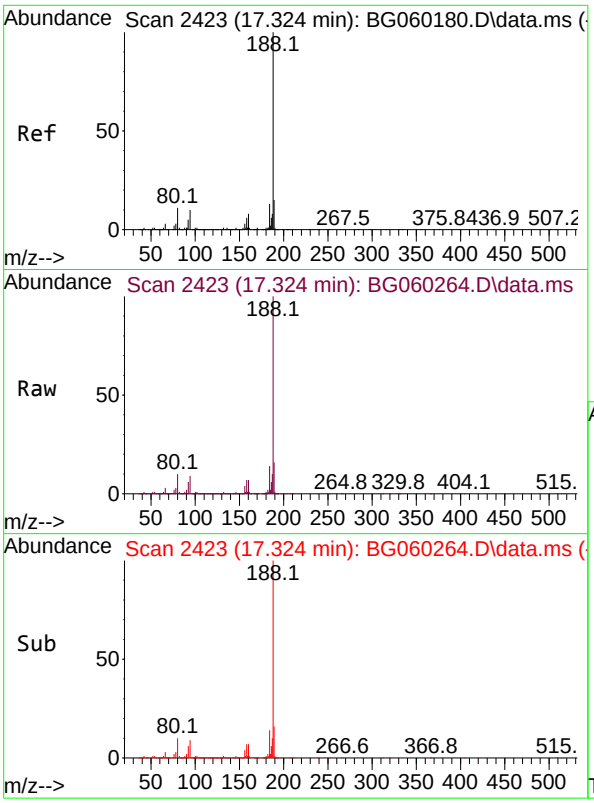


#45
2-Fluorobiphenyl
Concen: 87.056 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:172 Resp: 3671280

Ion	Ratio	Lower	Upper
172	100		
171	41.2	32.6	48.8
170	28.7	21.8	32.6



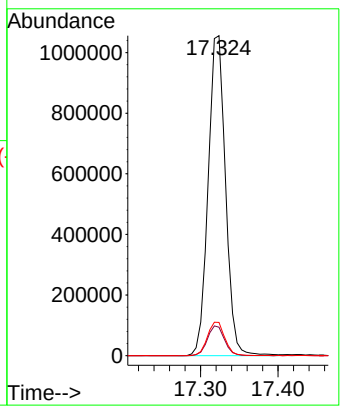


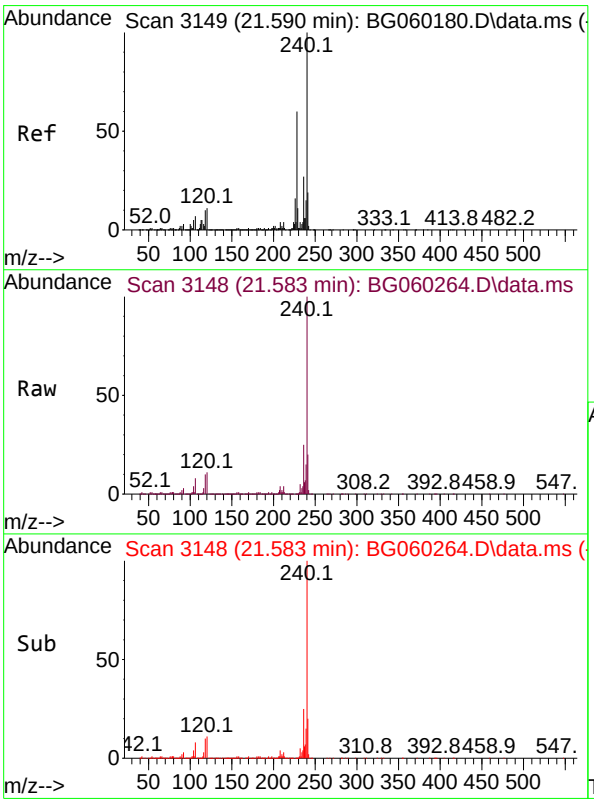
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion:188 Resp: 1644934

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	10.4	8.6	13.0

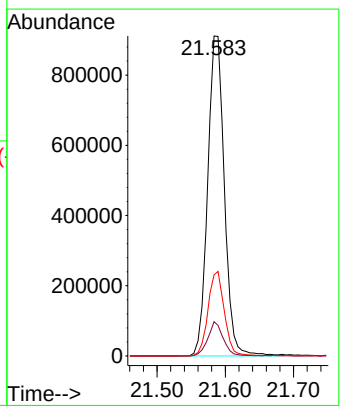


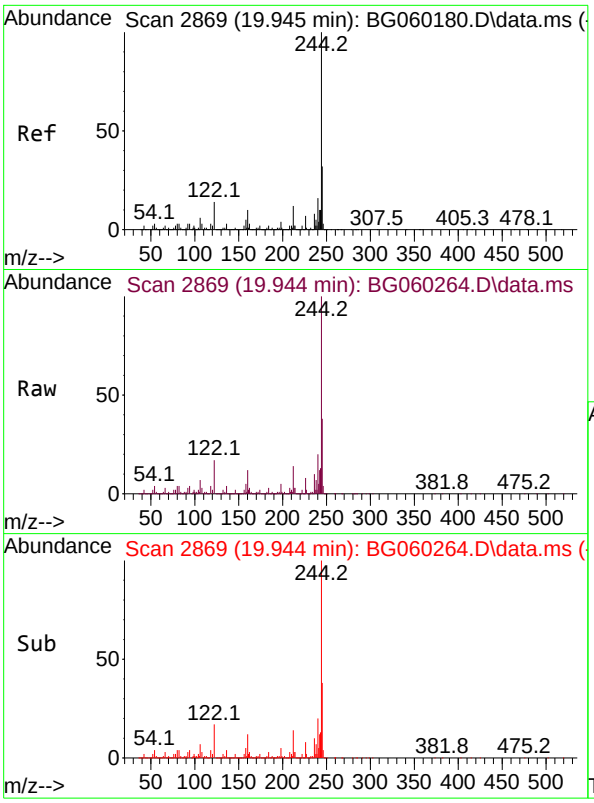


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:240 Resp: 1552174

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	25.4	21.4	32.2



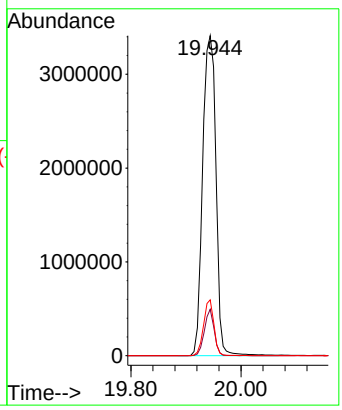


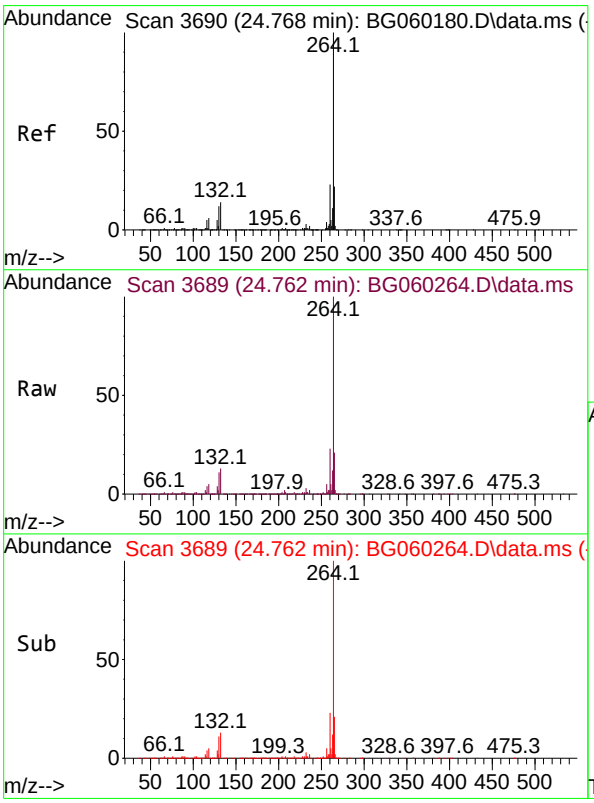
#79
Terphenyl-d14
Concen: 70.803 ng
RT: 19.944 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion:244 Resp: 5716492

Ion	Ratio	Lower	Upper
244	100		
212	14.5	9.5	14.3#
122	17.5	11.4	17.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 3689
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:264 Resp: 1740112

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	21.2	17.4	26.0