Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
Data File : BG060831.D
Acq On : 8 Apr 2024 18:34
Operator : MA/JU
Sample : PB160000BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Quant Time: Apr 09 01:23:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	63302	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	245074	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	195426	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	548987	20.000	ng	-0.01
76) Chrysene-d12	21.585	240	561026	20.000	ng	#-0.02
86) Perylene-d12	24.717	264	645157	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	480764	126.520	ng	0.00
7) Phenol-d6	7.114	99	653554	115.868	ng	0.00
23) Nitrobenzene-d5	9.100	82	419237	97.613	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	395715	178.378	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	1080834	81.170	ng	-0.02
79) Terphenyl-d14	19.952	244	2422442	76.031	ng	-0.01
Target Compounds						Qvalue

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

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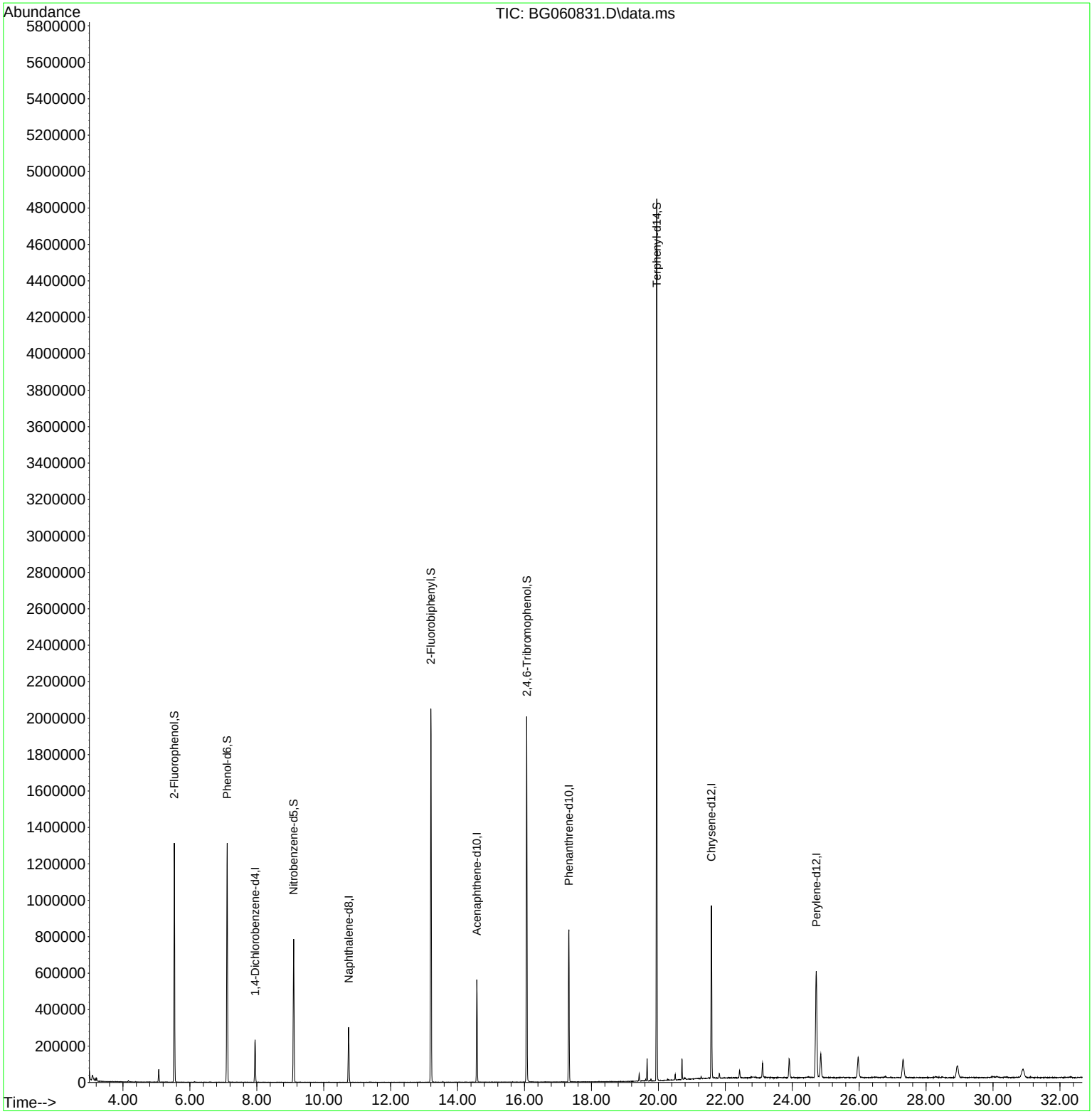
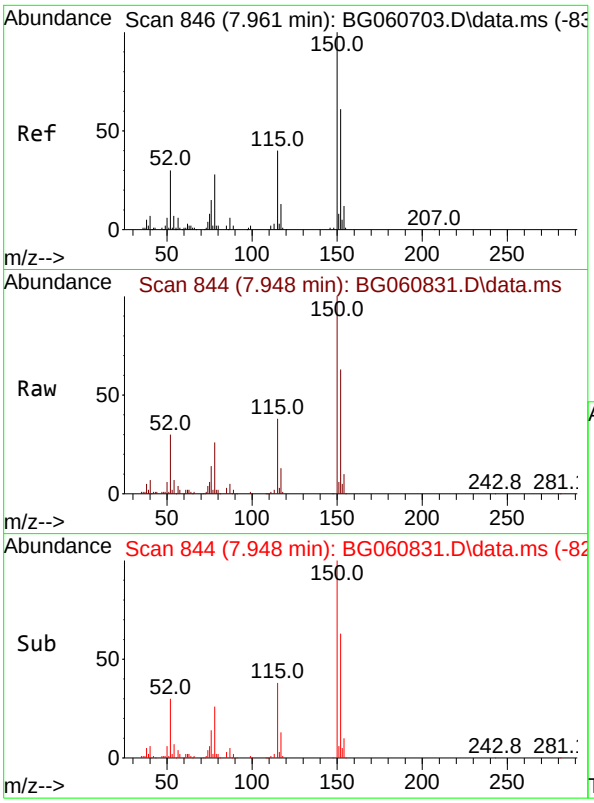


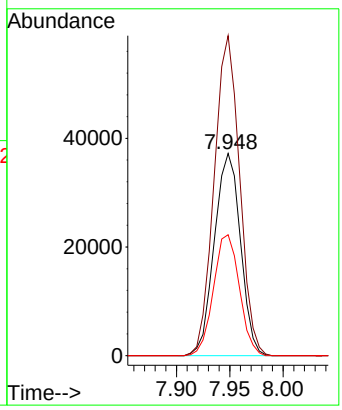


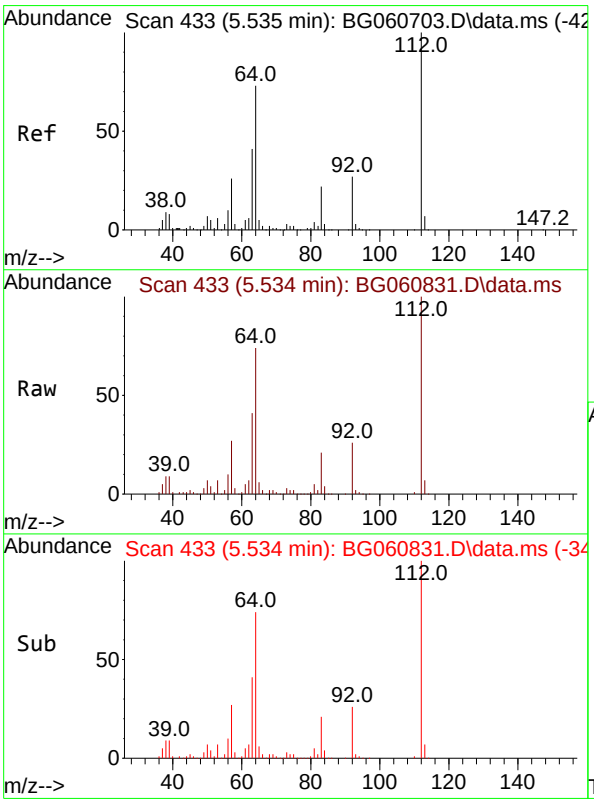
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Tgt Ion:152 Resp: 63302

Ion	Ratio	Lower	Upper
152	100		
150	158.2	130.2	195.4
115	59.8	51.6	77.4

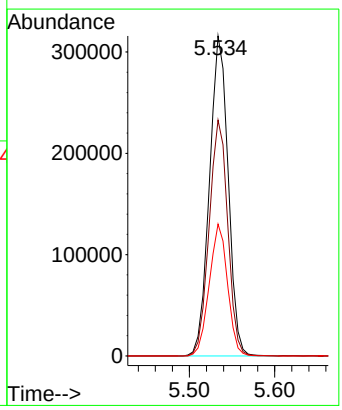


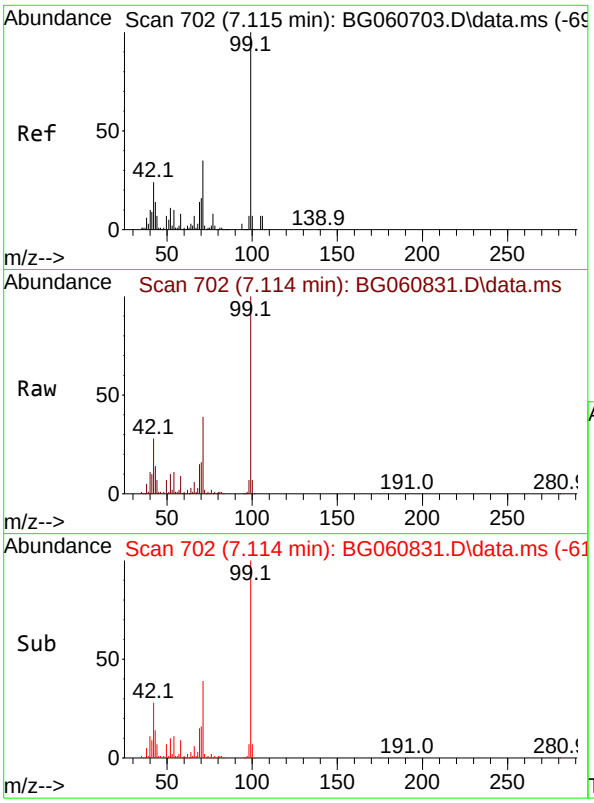


#5
2-Fluorophenol
Concen: 126.520 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:112 Resp: 480764

Ion	Ratio	Lower	Upper
112	100		
64	73.7	58.4	87.6
63	41.2	32.7	49.1



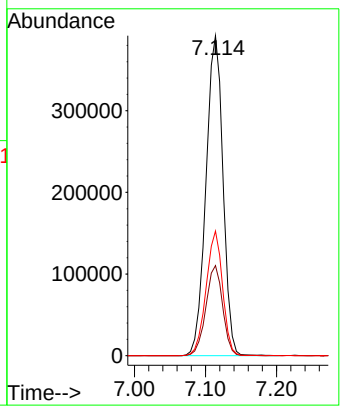


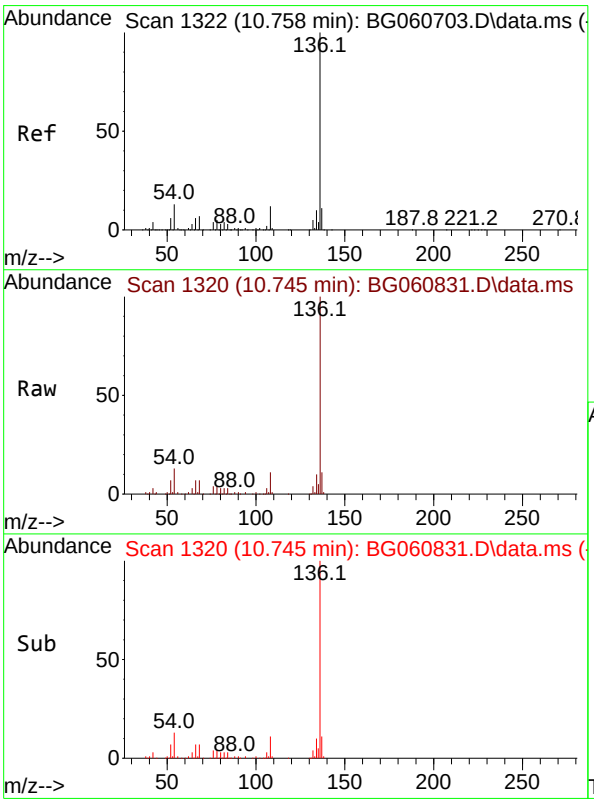
#7
Phenol-d6
Concen: 115.868 ng
RT: 7.114 min Scan# 7(
Delta R.T. -0.001 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Tgt Ion: 99 Resp: 653554

Ion	Ratio	Lower	Upper
99	100		
42	28.1	19.4	29.2
71	39.0	28.2	42.2

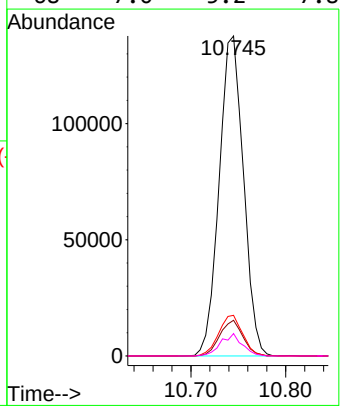


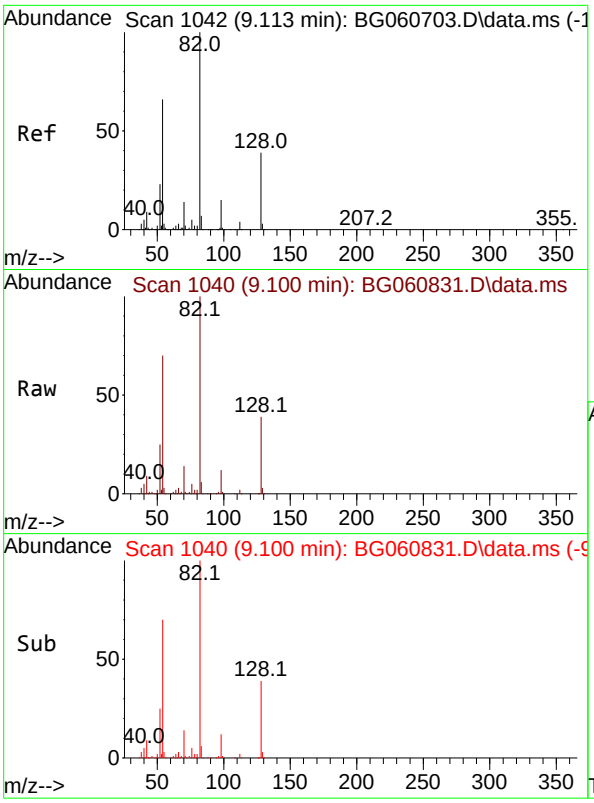


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1320
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:136 Resp: 245074

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.7	10.2	15.2
68	7.0	5.2	7.8



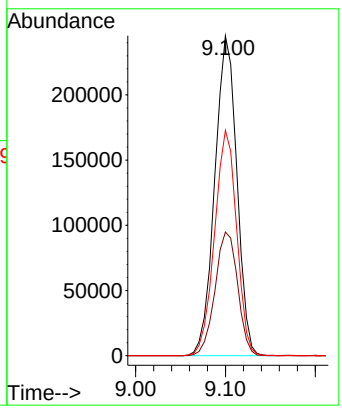


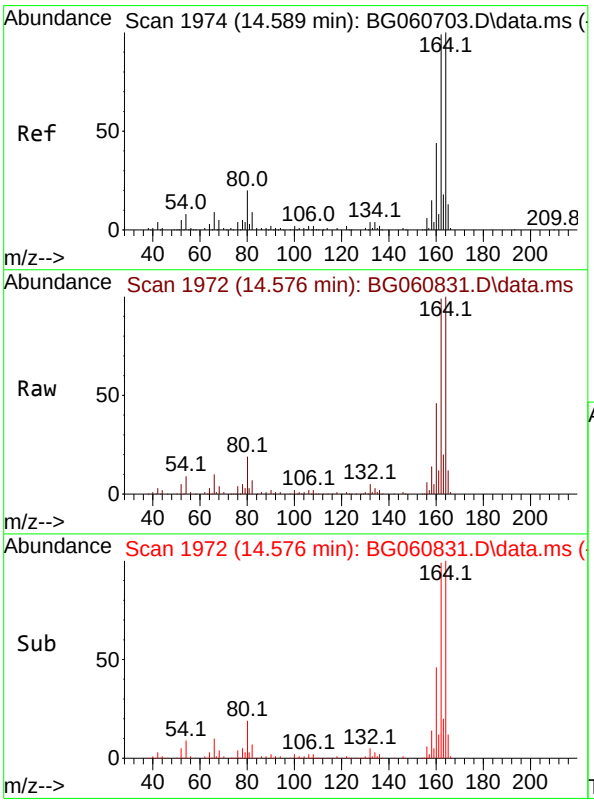
#23
Nitrobenzene-d5
Concen: 97.613 ng
RT: 9.100 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Tgt Ion: 82 Resp: 419237

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.2	46.8
54	70.4	53.2	79.8

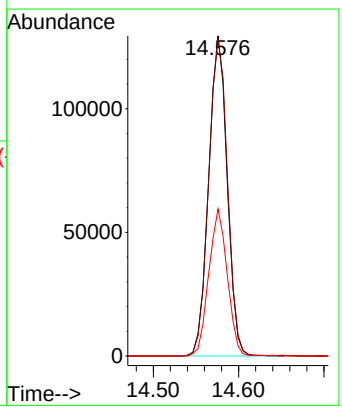


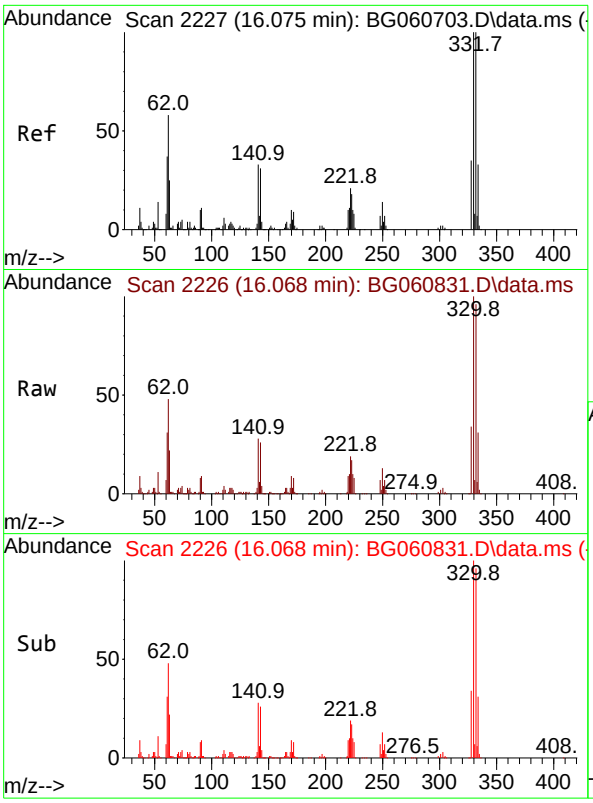


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:164 Resp: 195426

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.5	119.3
160	46.0	35.4	53.0



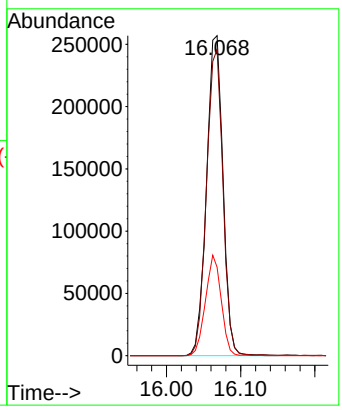


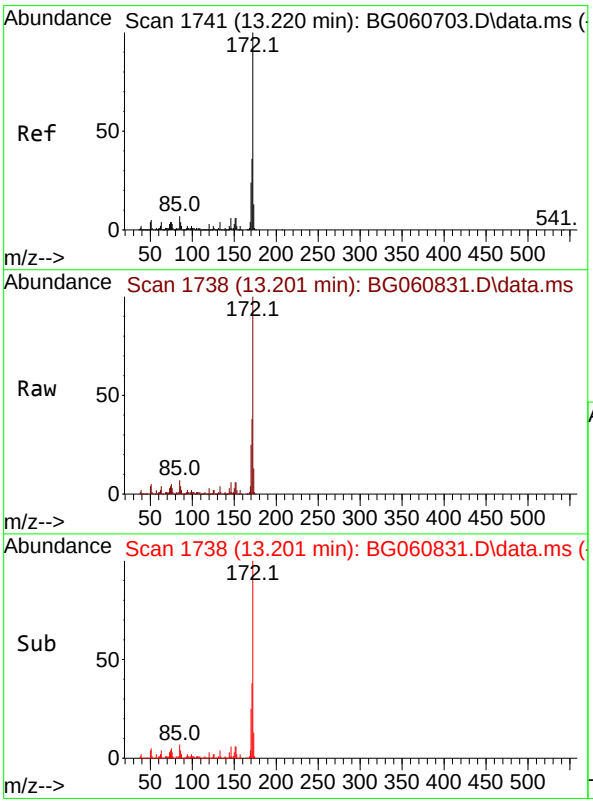
#42
2,4,6-Tribromophenol
Concen: 178.378 ng
RT: 16.068 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Tgt Ion:330 Resp: 395715

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.4
141	30.1	27.0	40.6

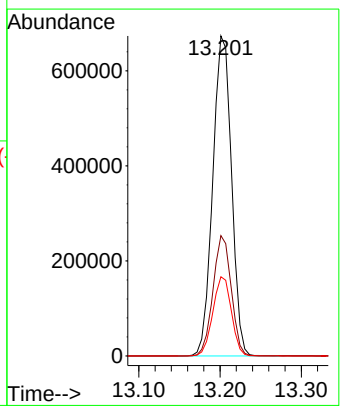


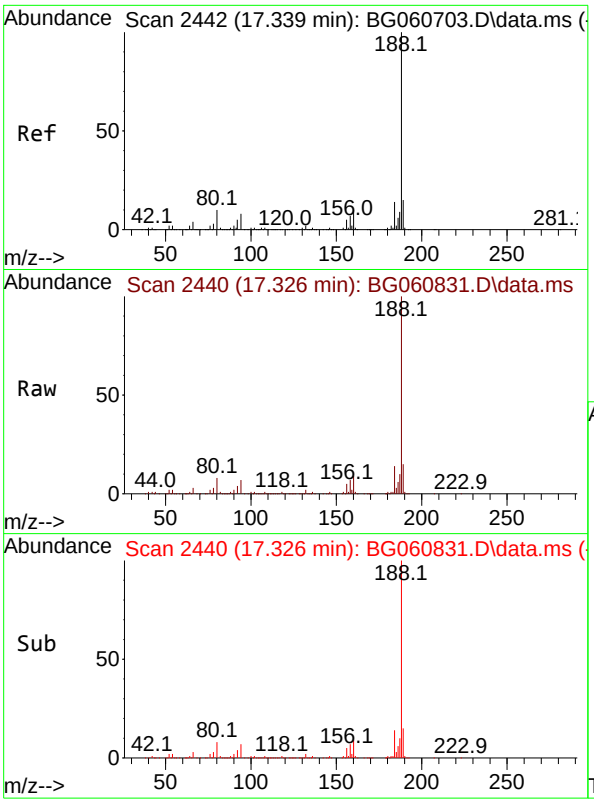


#45
2-Fluorobiphenyl
Concen: 81.170 ng
RT: 13.201 min Scan# 1738
Delta R.T. -0.019 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:172 Resp: 1080834

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	24.8	19.4	29.0



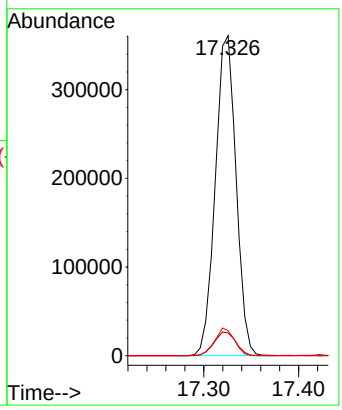


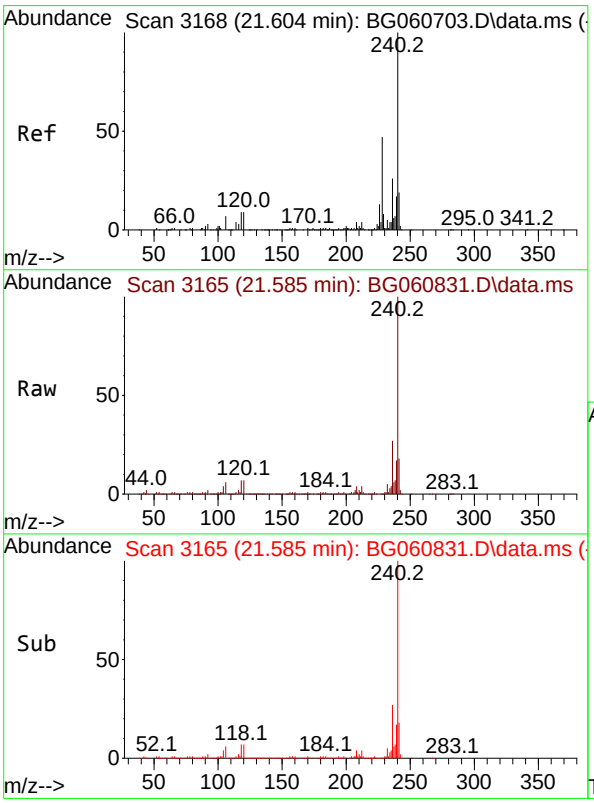
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Tgt Ion:188 Resp: 548987

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.6	9.8
80	7.8	7.6	11.4

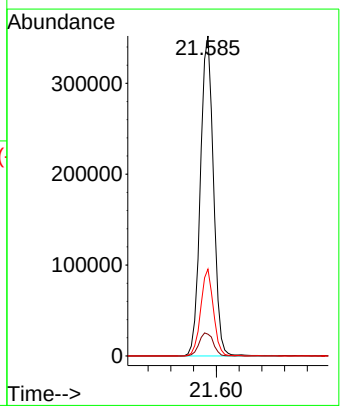


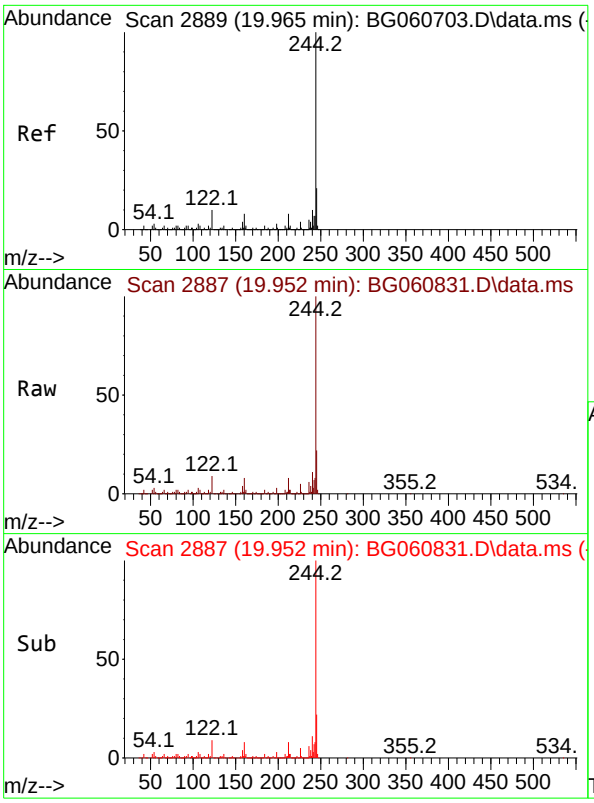


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3165
Delta R.T. -0.019 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:240 Resp: 561026

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.1	10.7#
236	27.1	20.7	31.1



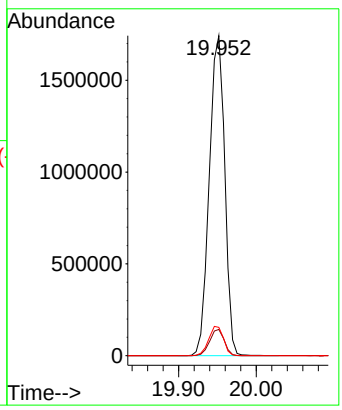


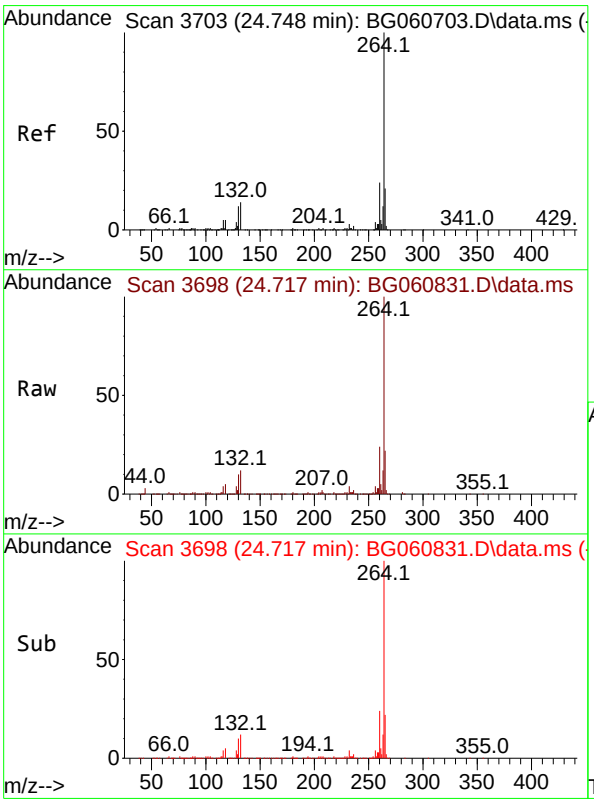
#79
Terphenyl-d14
Concen: 76.031 ng
RT: 19.952 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Instrument :
BNA_G
ClientSampleId :
PB160000BL

Tgt Ion:244 Resp: 2422442

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	8.8	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.717 min Scan# 3698
Delta R.T. -0.031 min
Lab File: BG060831.D
Acq: 8 Apr 2024 18:34

Tgt Ion:264 Resp: 645157

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	16.9	25.3