Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061171.D
Acq On : 10 May 2024 20:24
Operator : MA/JU
Sample : P2430-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Quant Time: May 10 23:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	27693	20.000	ng	-0.03
21) Naphthalene-d8	10.727	136	110581	20.000	ng	-0.03
39) Acenaphthene-d10	14.558	164	80878	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	179486	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	185683	20.000	ng	#-0.02
86) Perylene-d12	24.693	264	184980	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	19230	14.122	ng	-0.02
7) Phenol-d6	7.108	99	26322	13.067	ng	-0.02
23) Nitrobenzene-d5	9.088	82	20395	9.143	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	17462	10.802	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	49598	9.068	ng	-0.02
79) Terphenyl-d14	19.928	244	83216	7.454	ng	-0.02
Target Compounds						Qvalue

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

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Misc :
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BNA_G
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1011UMR-SS003-1224-01

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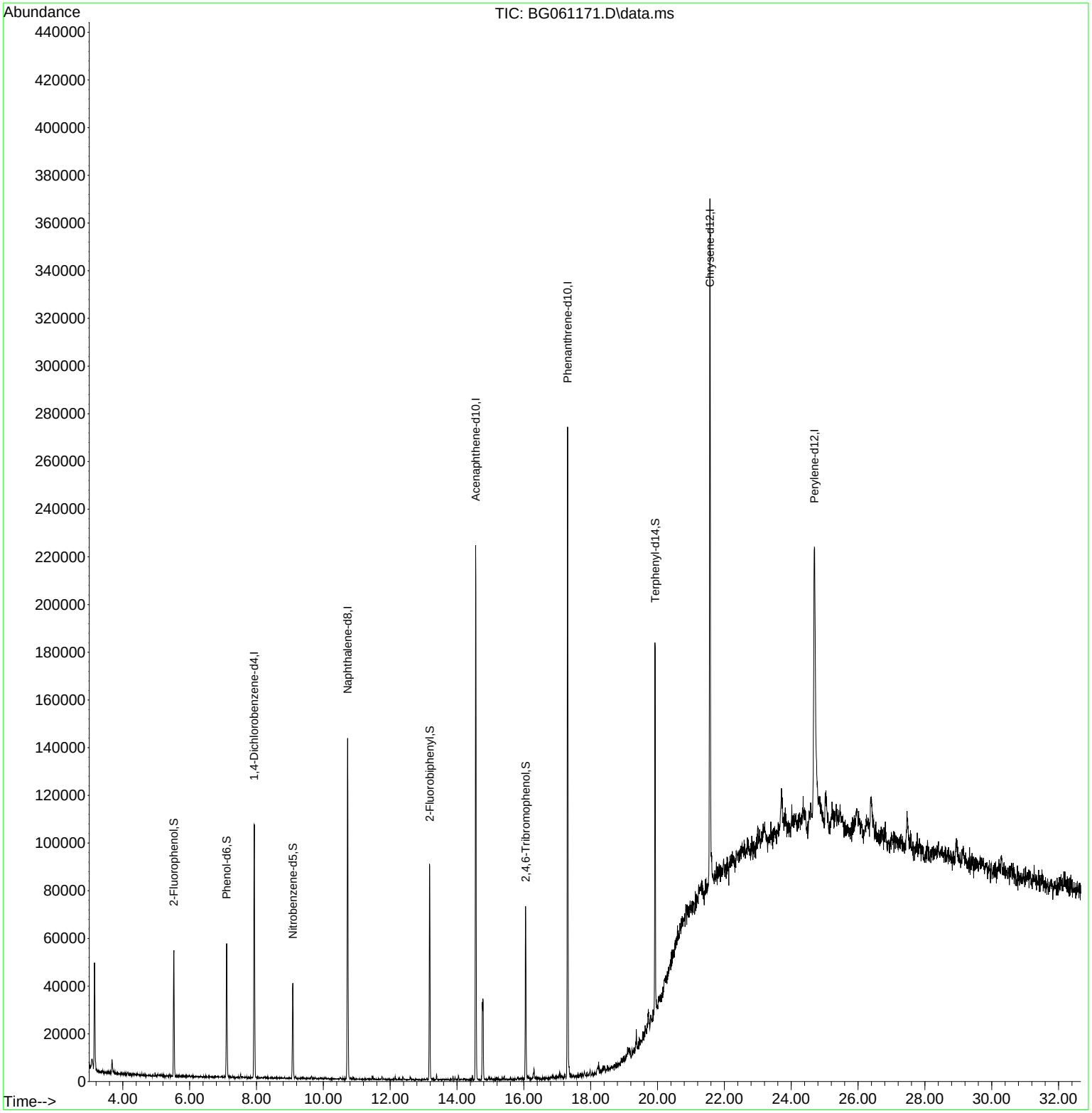
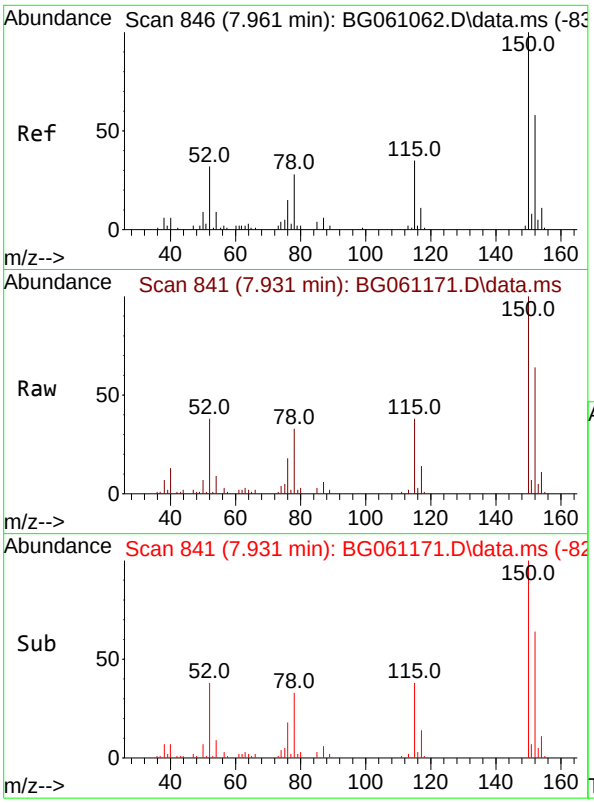


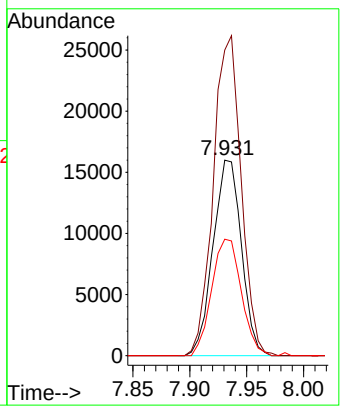


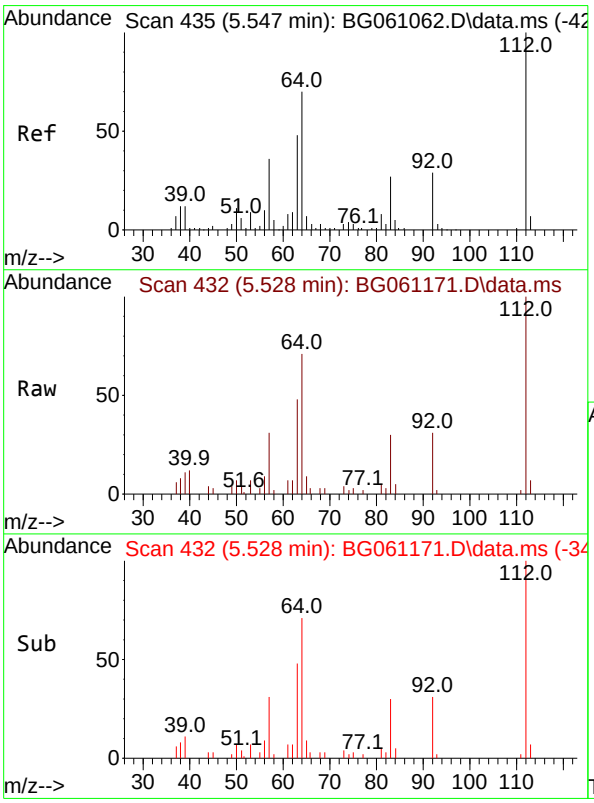
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 84
Delta R.T. -0.030 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion:152 Resp: 27693

Ion	Ratio	Lower	Upper
152	100		
150	156.3	138.3	207.5
115	59.6	48.0	72.0

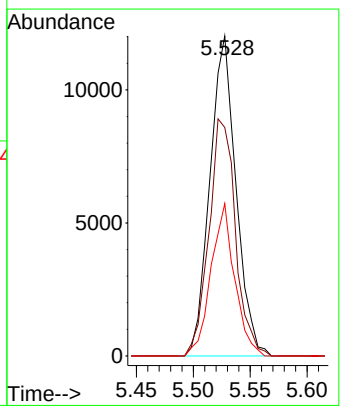


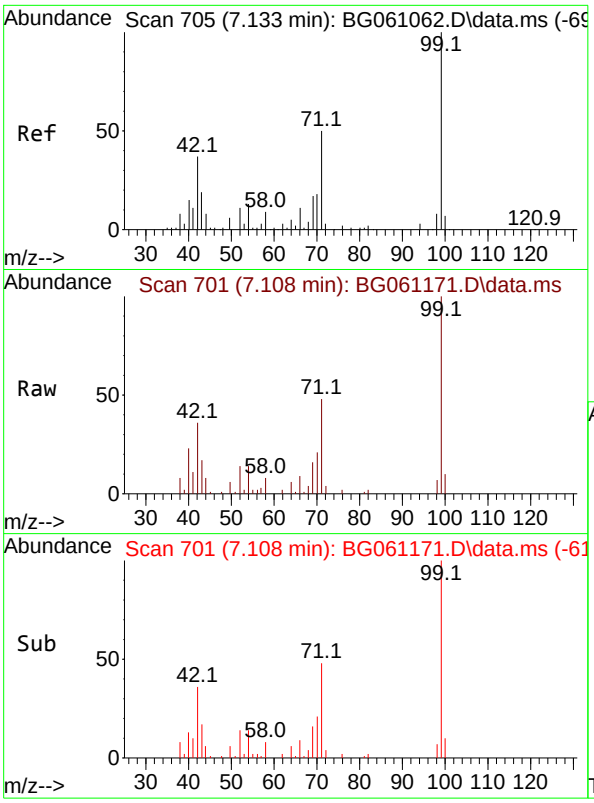


#5
2-Fluorophenol
Concen: 14.122 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:112 Resp: 19230

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.7	83.5
63	47.6	38.1	57.1



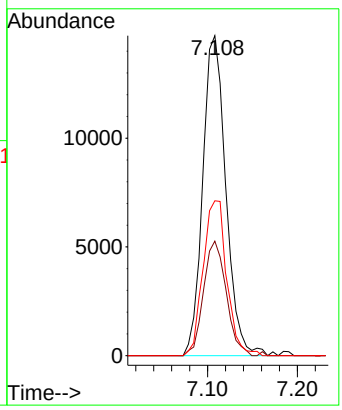


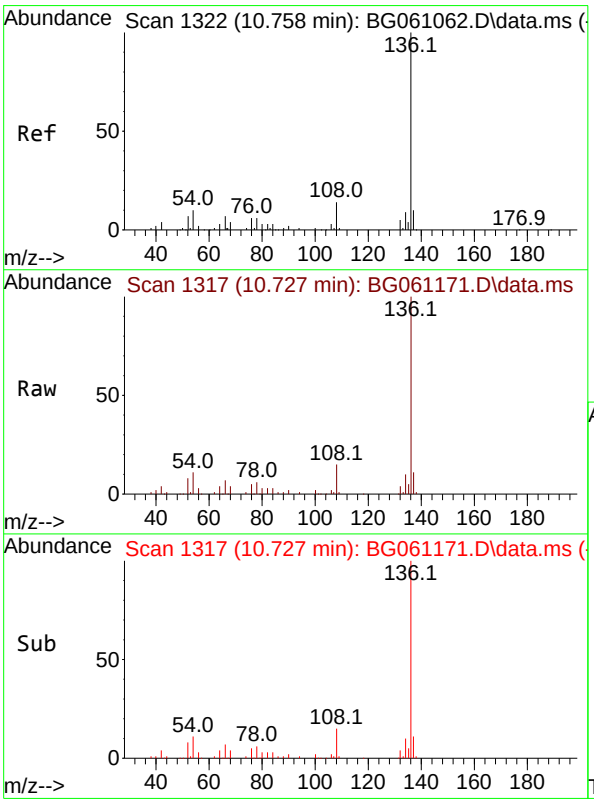
#7
Phenol-d6
Concen: 13.067 ng
RT: 7.108 min Scan# 7(
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion: 99 Resp: 26322

Ion	Ratio	Lower	Upper
99	100		
42	35.8	29.2	43.8
71	48.4	39.7	59.5

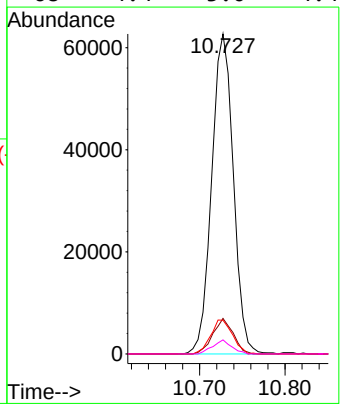


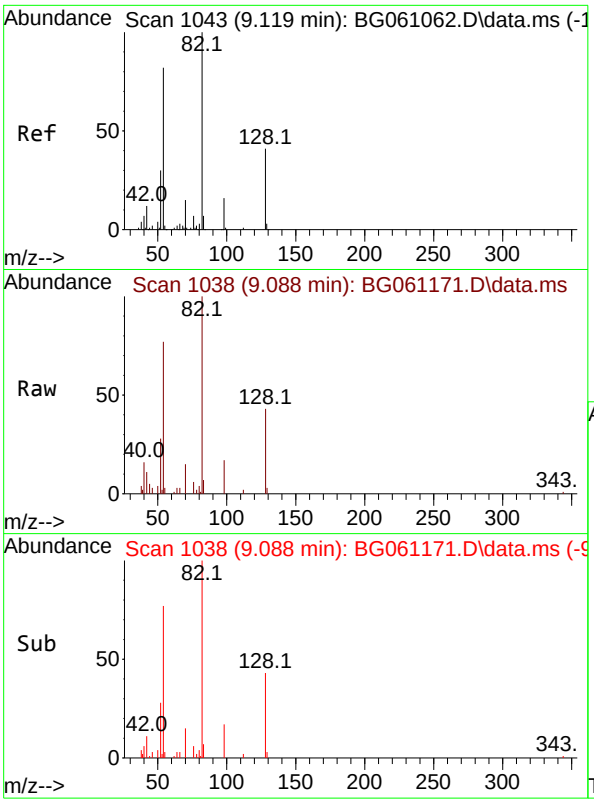


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1317
Delta R.T. -0.031 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:136 Resp: 110581

Ion	Ratio	Lower	Upper
136	100		
137	11.1	7.8	11.6
54	10.5	8.1	12.1
68	4.4	3.0	4.4



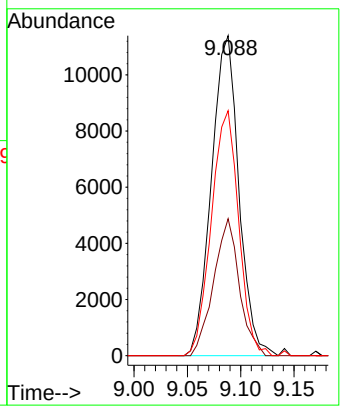


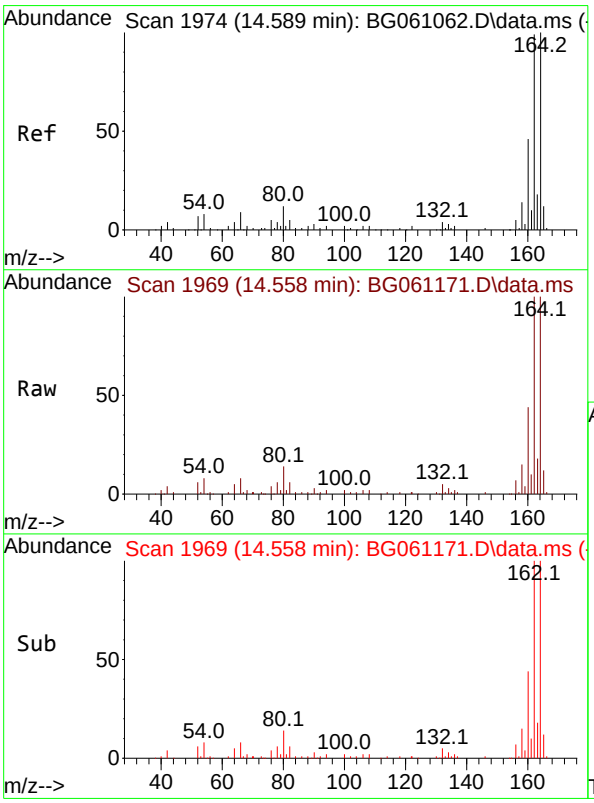
#23
Nitrobenzene-d5
Concen: 9.143 ng
RT: 9.088 min Scan# 1
Delta R.T. -0.031 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion: 82 Resp: 20395

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.7	49.1
54	76.5	65.6	98.4

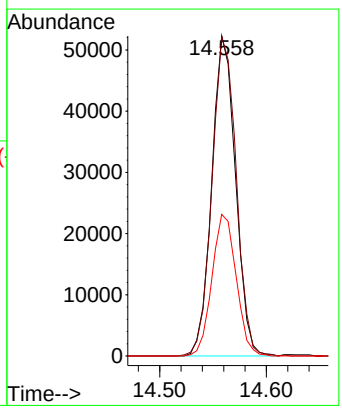


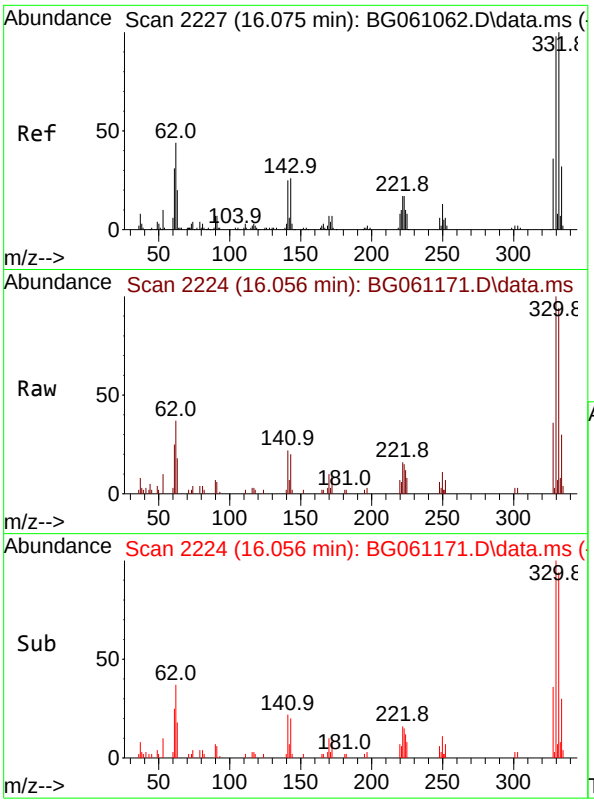


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1969
Delta R.T. -0.031 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:164 Resp: 80878

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.4	119.2
160	44.2	37.0	55.6



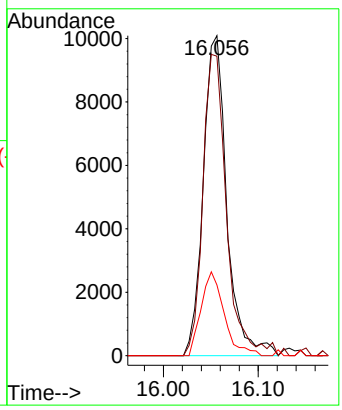


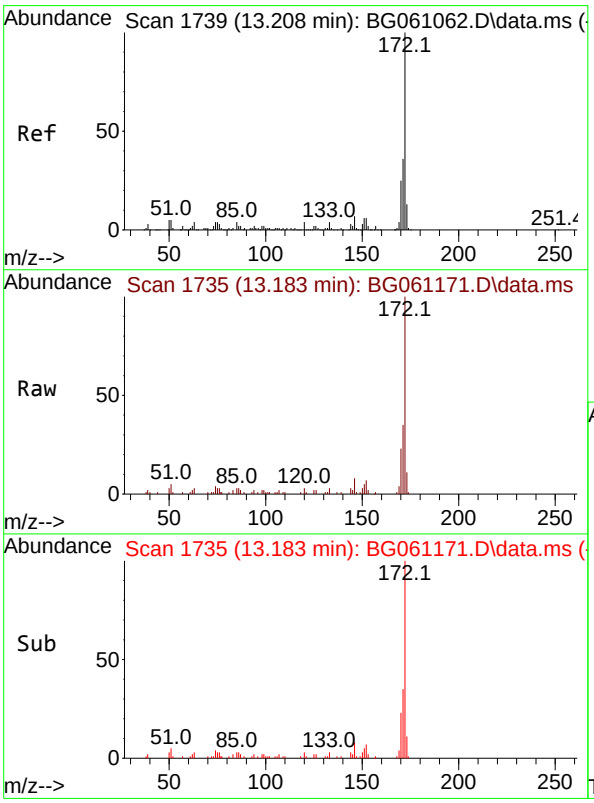
#42
2,4,6-Tribromophenol
Concen: 10.802 ng
RT: 16.056 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion:330 Resp: 17462

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.6	117.8
141	25.7	20.5	30.7

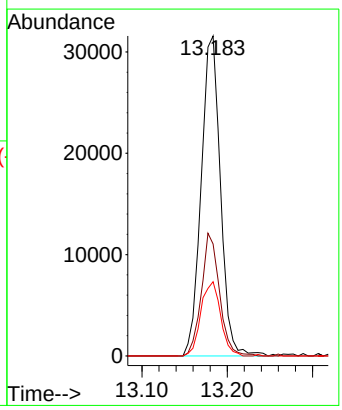


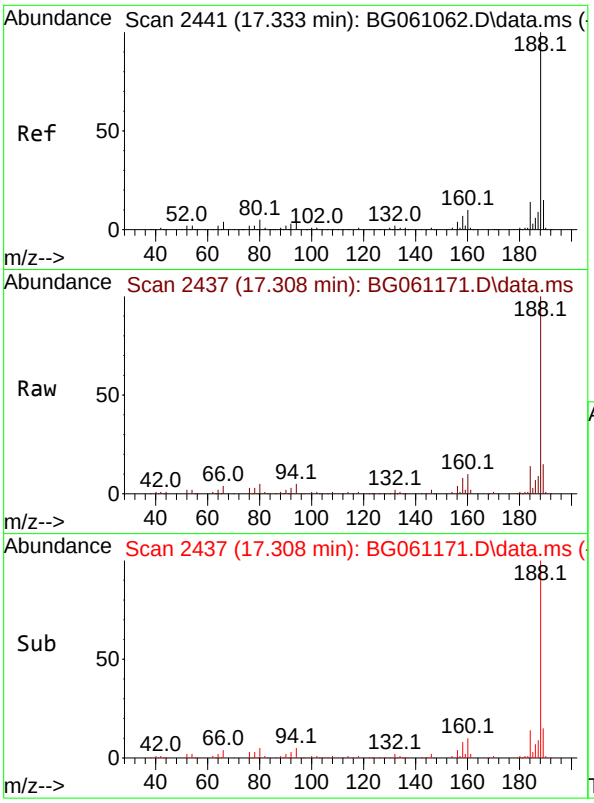


#45
2-Fluorobiphenyl
Concen: 9.068 ng
RT: 13.183 min Scan# 1735
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:172 Resp: 49598

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	23.2	20.2	30.4



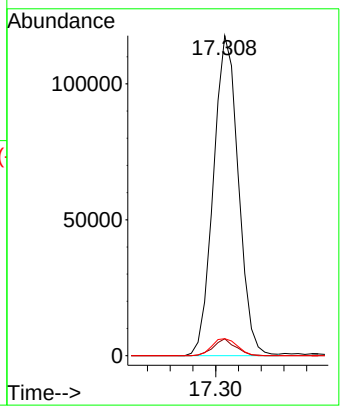


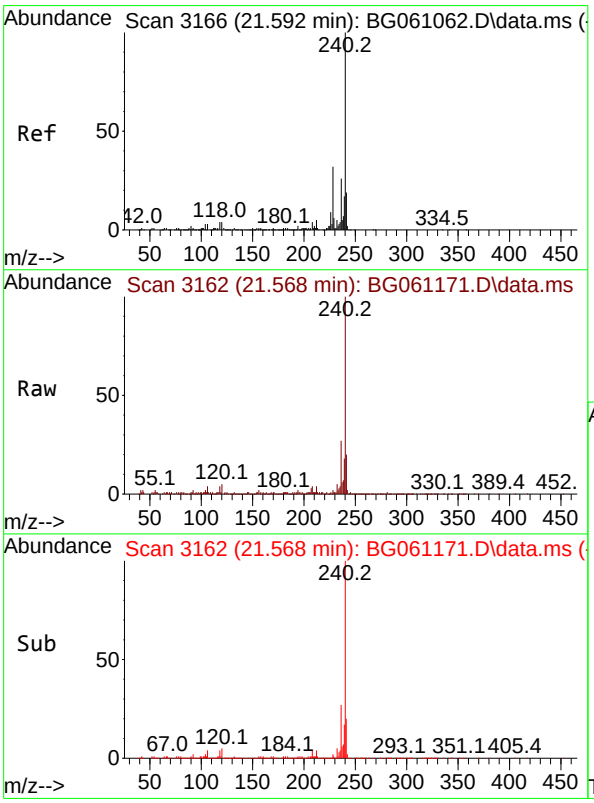
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 24
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion:188 Resp: 179486

Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.6	5.4
80	5.3	4.2	6.2

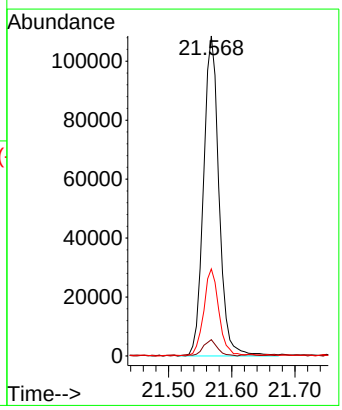


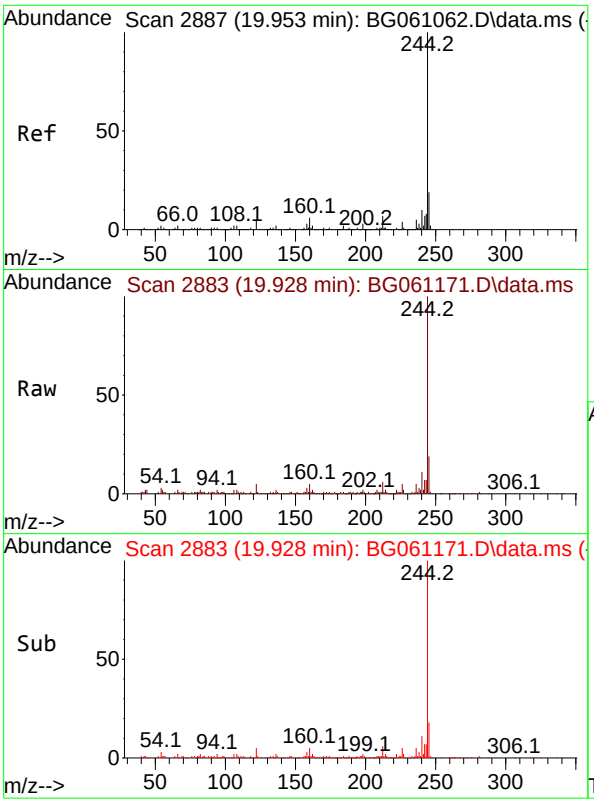


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:240 Resp: 185683

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.2	4.8#
236	27.2	21.0	31.6



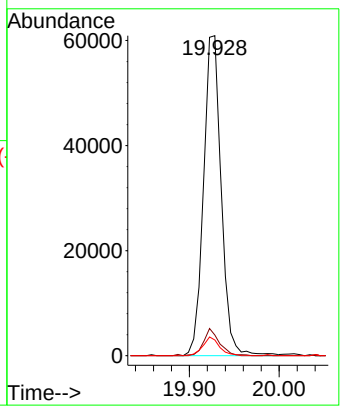


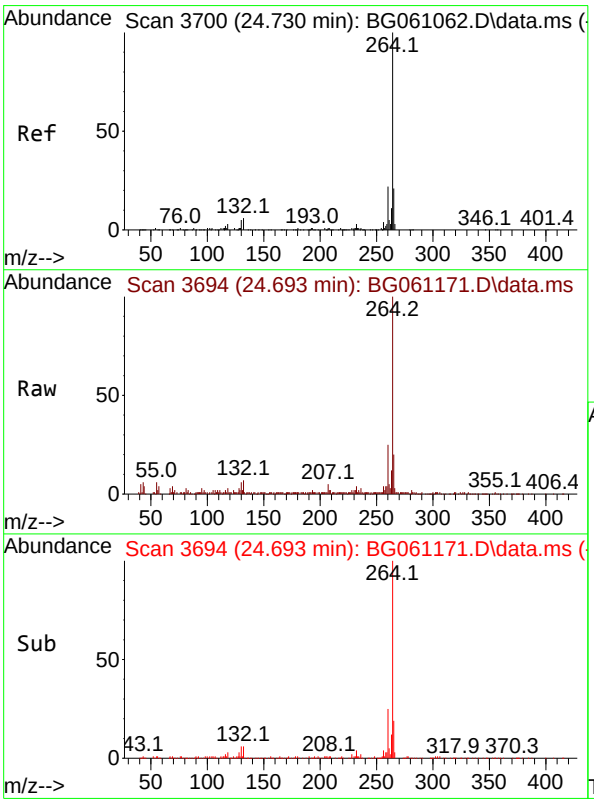
#79
Terphenyl-d14
Concen: 7.454 ng
RT: 19.928 min Scan# 2
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion:244 Resp: 83216

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	4.9	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.693 min Scan# 3694
Delta R.T. -0.037 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:264 Resp: 184980

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.7	26.5
265	19.9	16.4	24.6