Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
Data File : BG063997.D
Acq On : 5 Feb 2025 11:36
Operator : RC/JU
Sample : PB166216BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Quant Time: Feb 05 12:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	66137	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	272096	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	179842	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	408786	20.000	ng	0.00
76) Chrysene-d12	21.472	240	445580	20.000	ng	0.00
86) Perylene-d12	24.504	264	467301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	577098	139.902	ng	0.00
7) Phenol-d6	7.031	99	739746	130.678	ng	0.00
23) Nitrobenzene-d5	9.016	82	455424	101.723	ng	-0.01
42) 2,4,6-Tribromophenol	15.985	330	235134	115.146	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	1030406	87.784	ng	0.00
79) Terphenyl-d14	19.863	244	2016831	94.530	ng	0.00
Target Compounds						Qvalue

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

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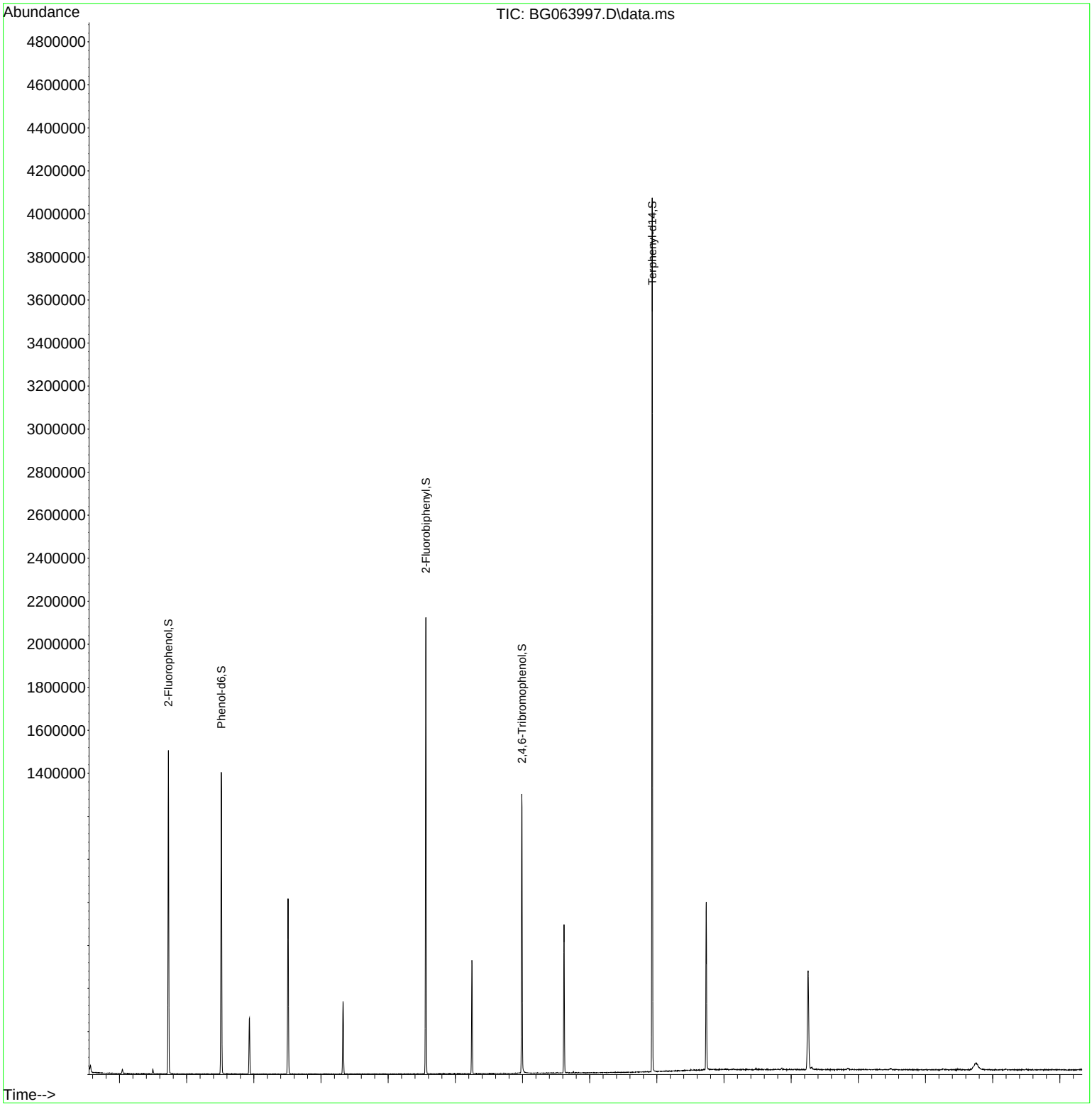
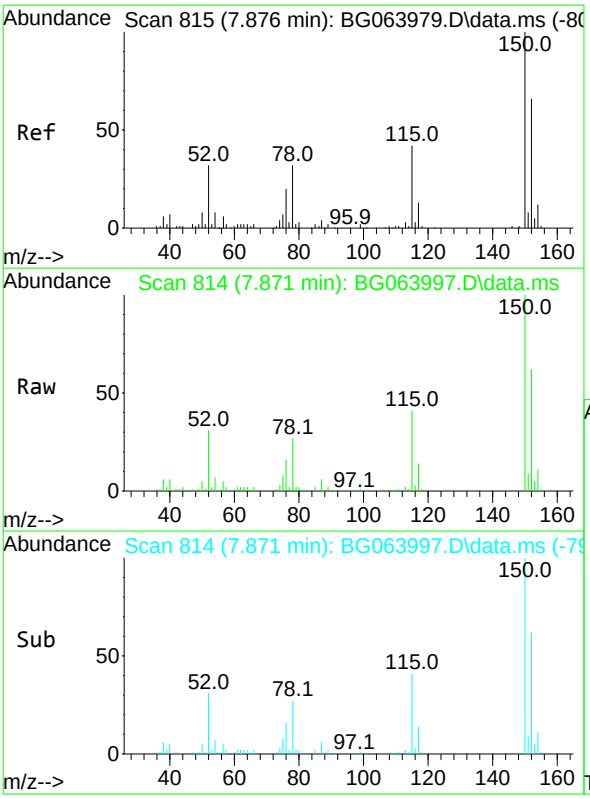


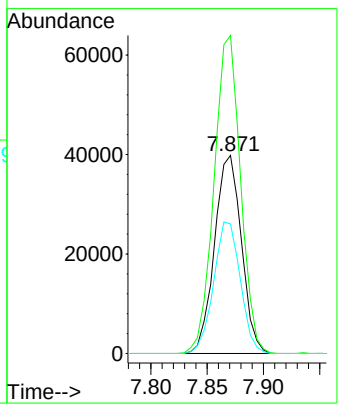


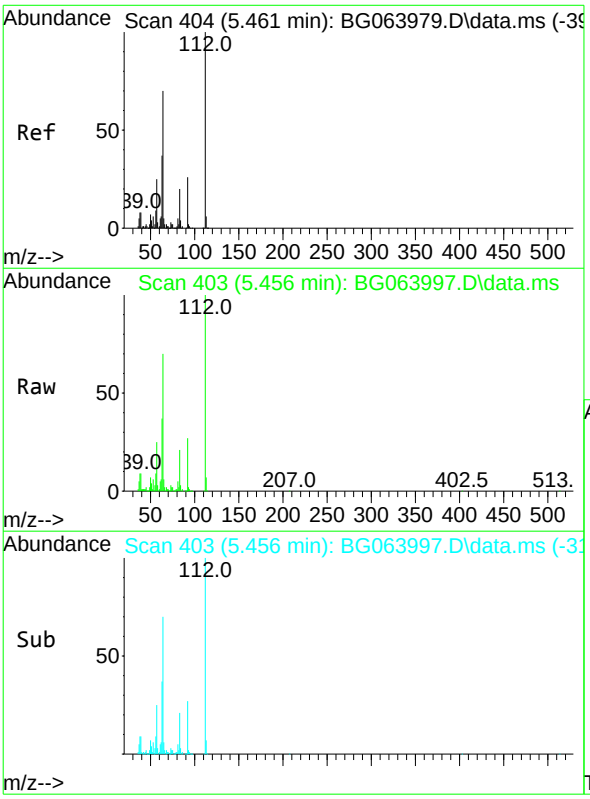
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Tgt Ion:152 Resp: 66137

Ion	Ratio	Lower	Upper
152	100		
150	160.5	121.0	181.6
115	65.4	50.4	75.6

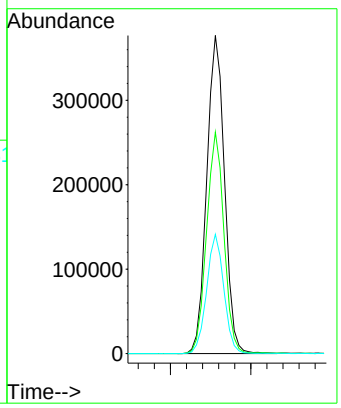


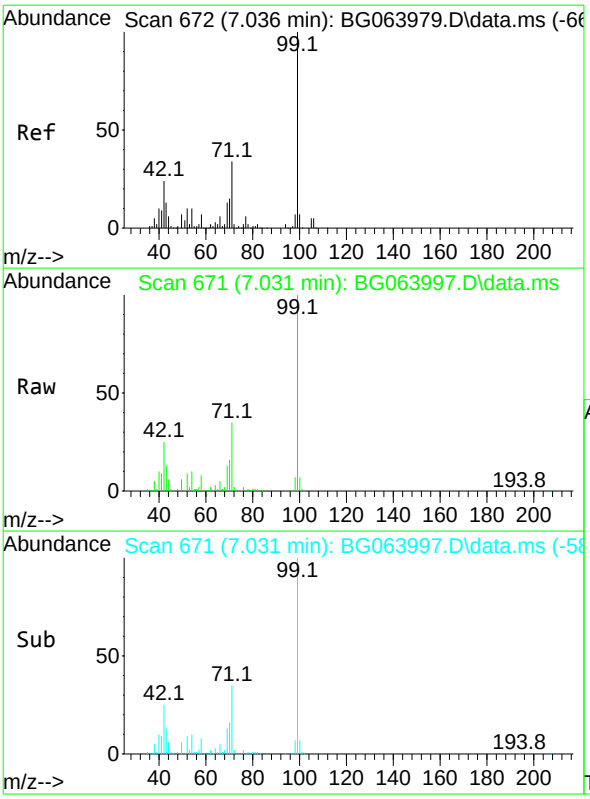


#5
2-Fluorophenol
Concen: 139.902 ng
RT: 5.456 min Scan# 403
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:112 Resp: 577098

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.8	83.8
63	37.5	29.3	43.9



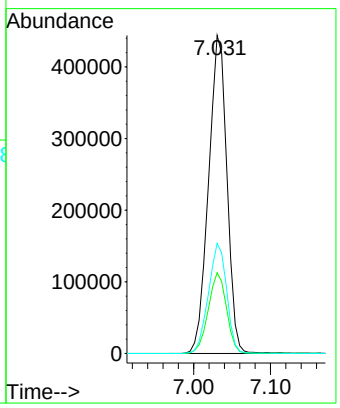


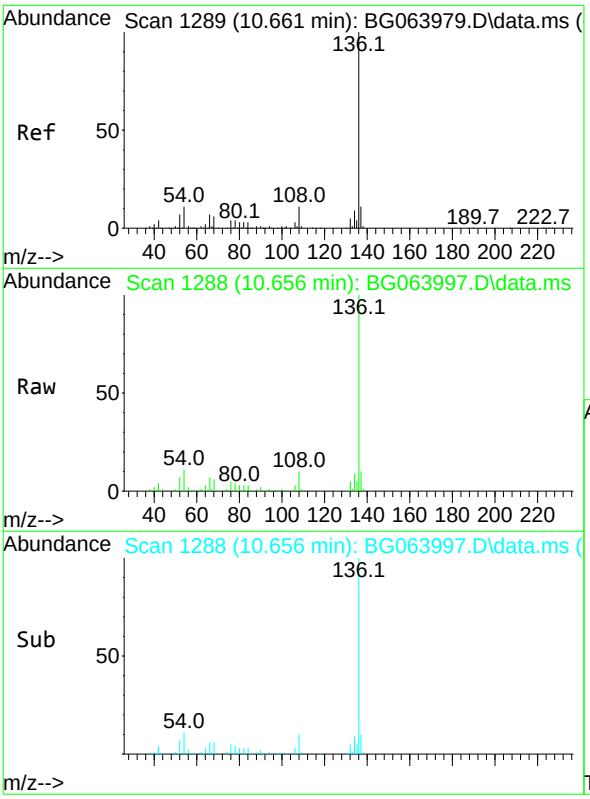
#7
Phenol-d6
Concen: 130.678 ng
RT: 7.031 min Scan# 67
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Tgt Ion: 99 Resp: 739746

Ion	Ratio	Lower	Upper
99	100		
42	25.4	18.9	28.3
71	34.6	27.0	40.6

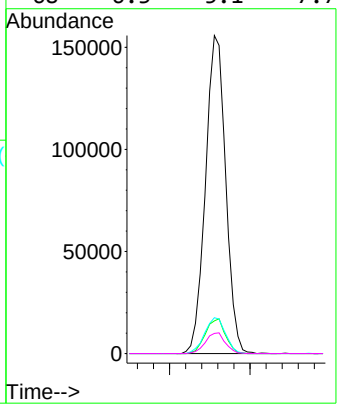


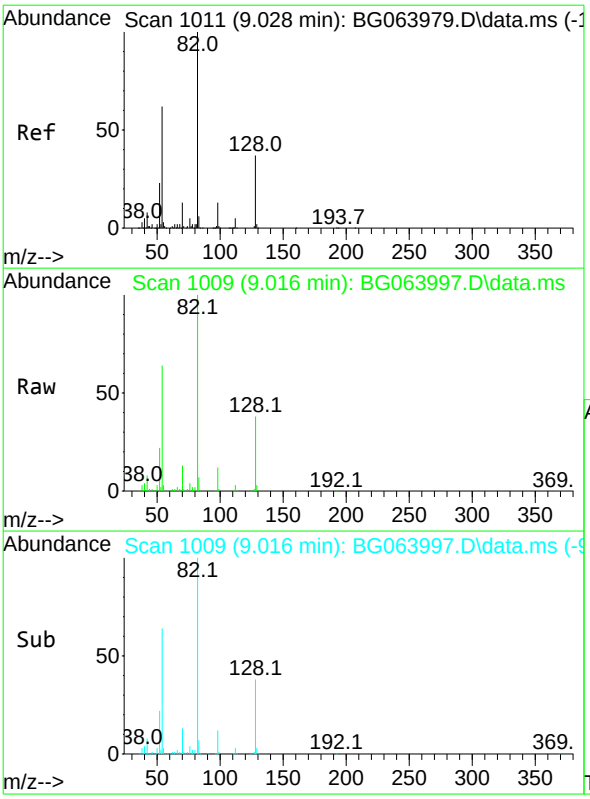


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:136 Resp: 272096

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	11.3	9.2	13.8
68	6.3	5.1	7.7



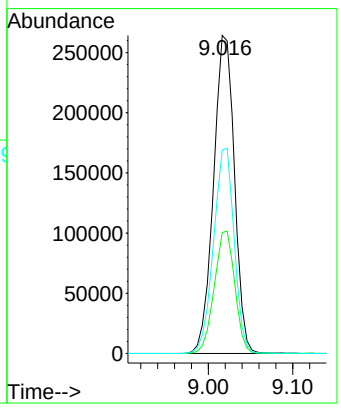


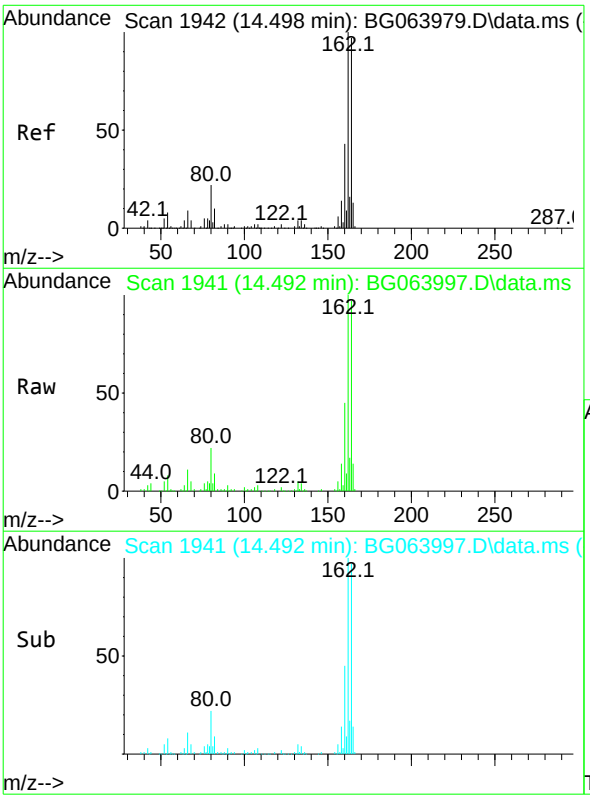
#23
Nitrobenzene-d5
Concen: 101.723 ng
RT: 9.016 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Tgt Ion: 82 Resp: 455424

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	63.9	49.9	74.9

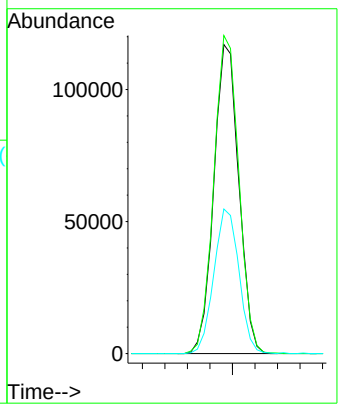


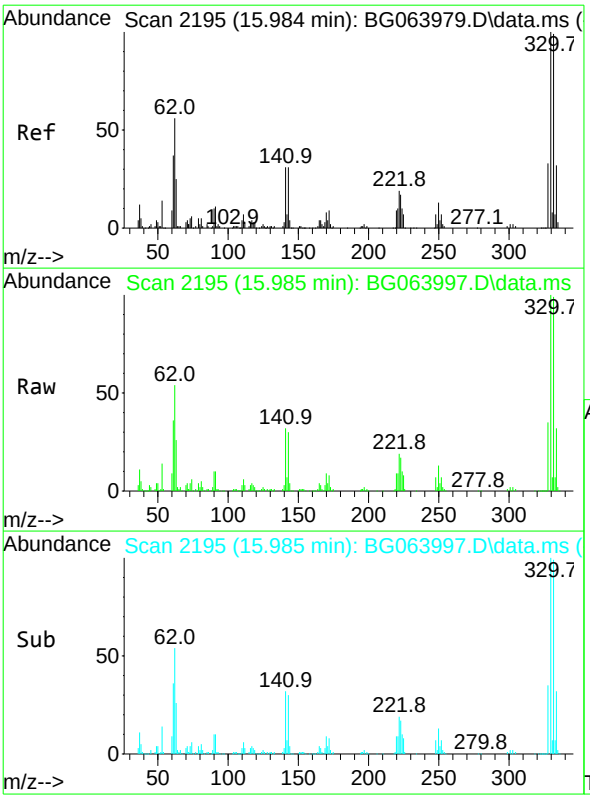


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:164 Resp: 179842

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	46.8	35.4	53.0



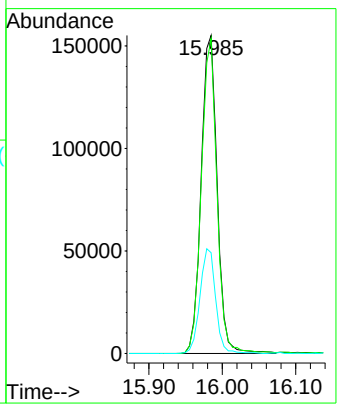


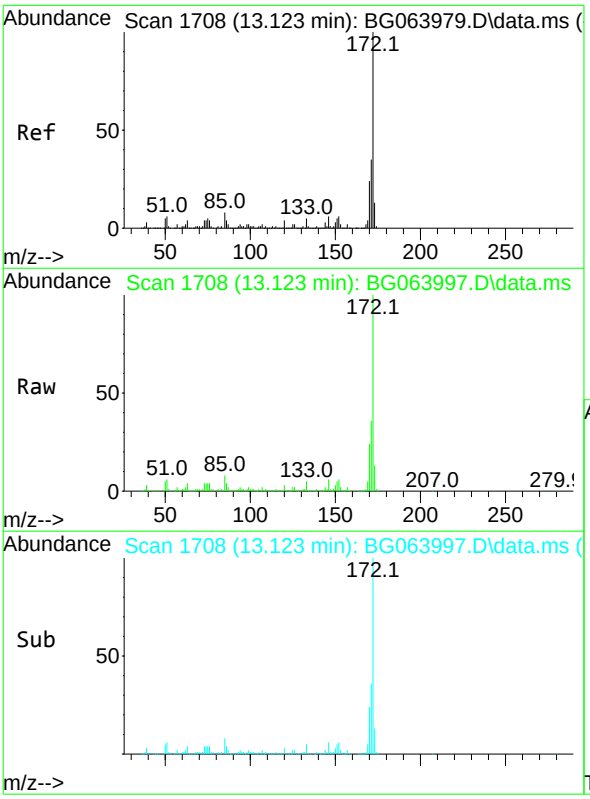
#42
2,4,6-Tribromophenol
Concen: 115.146 ng
RT: 15.985 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Tgt Ion:330 Resp: 235134

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.6
141	32.2	27.2	40.8

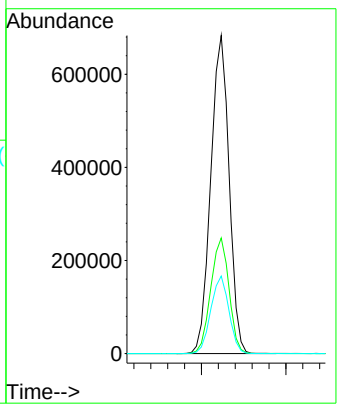


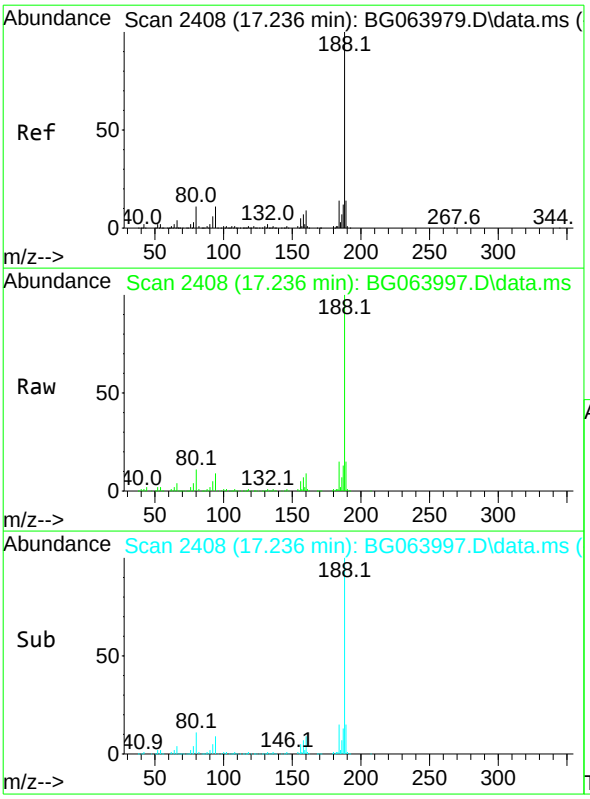


#45
2-Fluorobiphenyl
Concen: 87.784 ng
RT: 13.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:172 Resp: 1030406

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.4	19.4	29.2



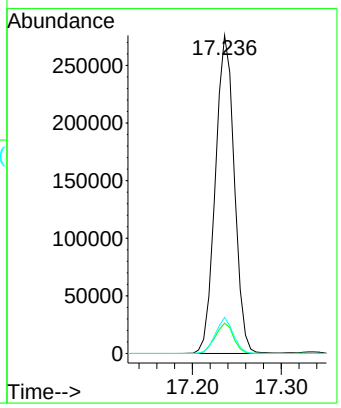


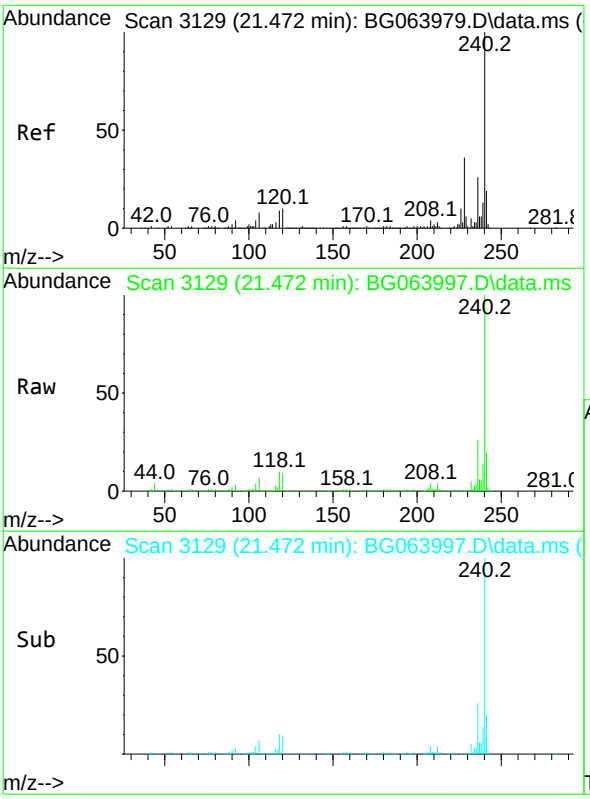
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Tgt Ion:188 Resp: 408786

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	13.0
80	11.4	8.5	12.7

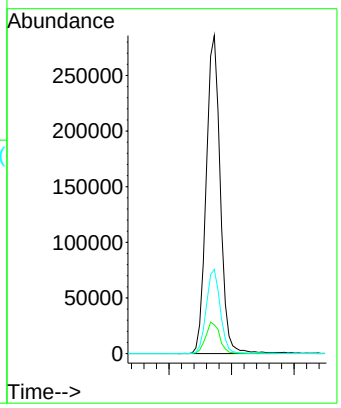


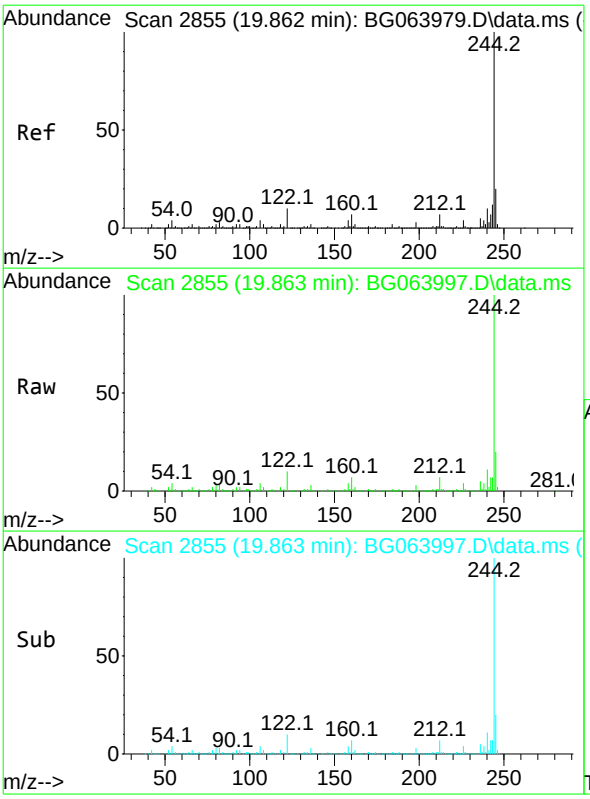


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:240 Resp: 445580

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.9	11.9
236	26.5	21.0	31.6



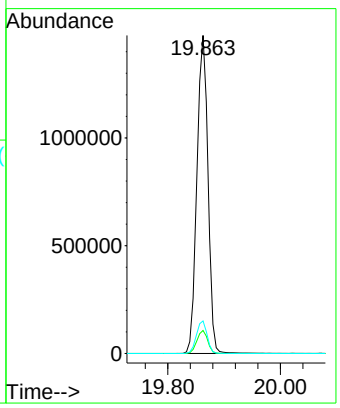


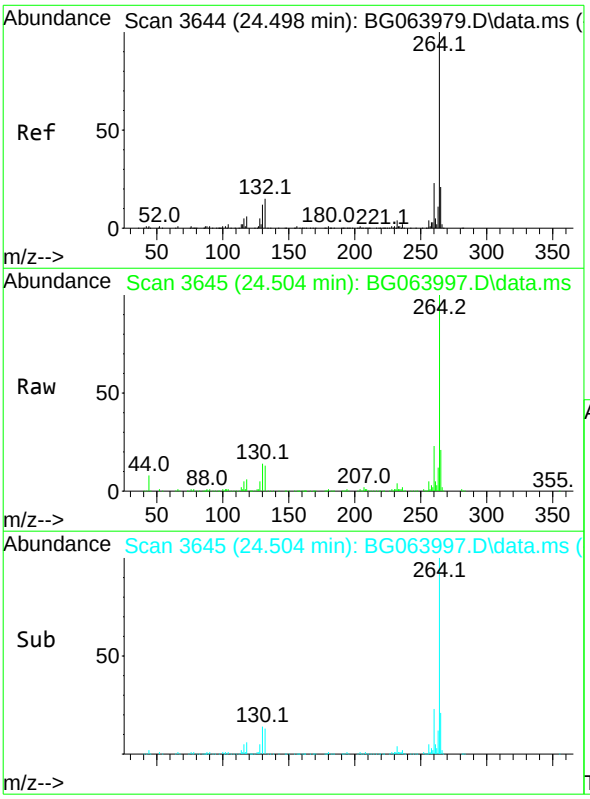
#79
Terphenyl-d14
Concen: 94.530 ng
RT: 19.863 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :
PB166216BL

Tgt Ion:244 Resp: 2016831

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.504 min Scan# 3645
Delta R.T. 0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:264 Resp: 467301

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.6	24.8