Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064137.D
Acq On : 1 Apr 2025 16:24
Operator : RC/JU
Sample : Q1664-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Quant Time: Apr 01 17:00:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	33101	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	138071	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	94366	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	226571	20.000	ng	0.00
76) Chrysene-d12	21.454	240	263789	20.000	ng	0.00
86) Perylene-d12	24.463	264	282032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	130931	61.763	ng	0.00
7) Phenol-d6	7.024	99	99886	34.636	ng	0.00
23) Nitrobenzene-d5	9.010	82	291075	116.501	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	208468	198.741	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	648499	104.311	ng	0.00
79) Terphenyl-d14	19.844	244	1294502	99.226	ng	0.00
Target Compounds						Qvalue

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

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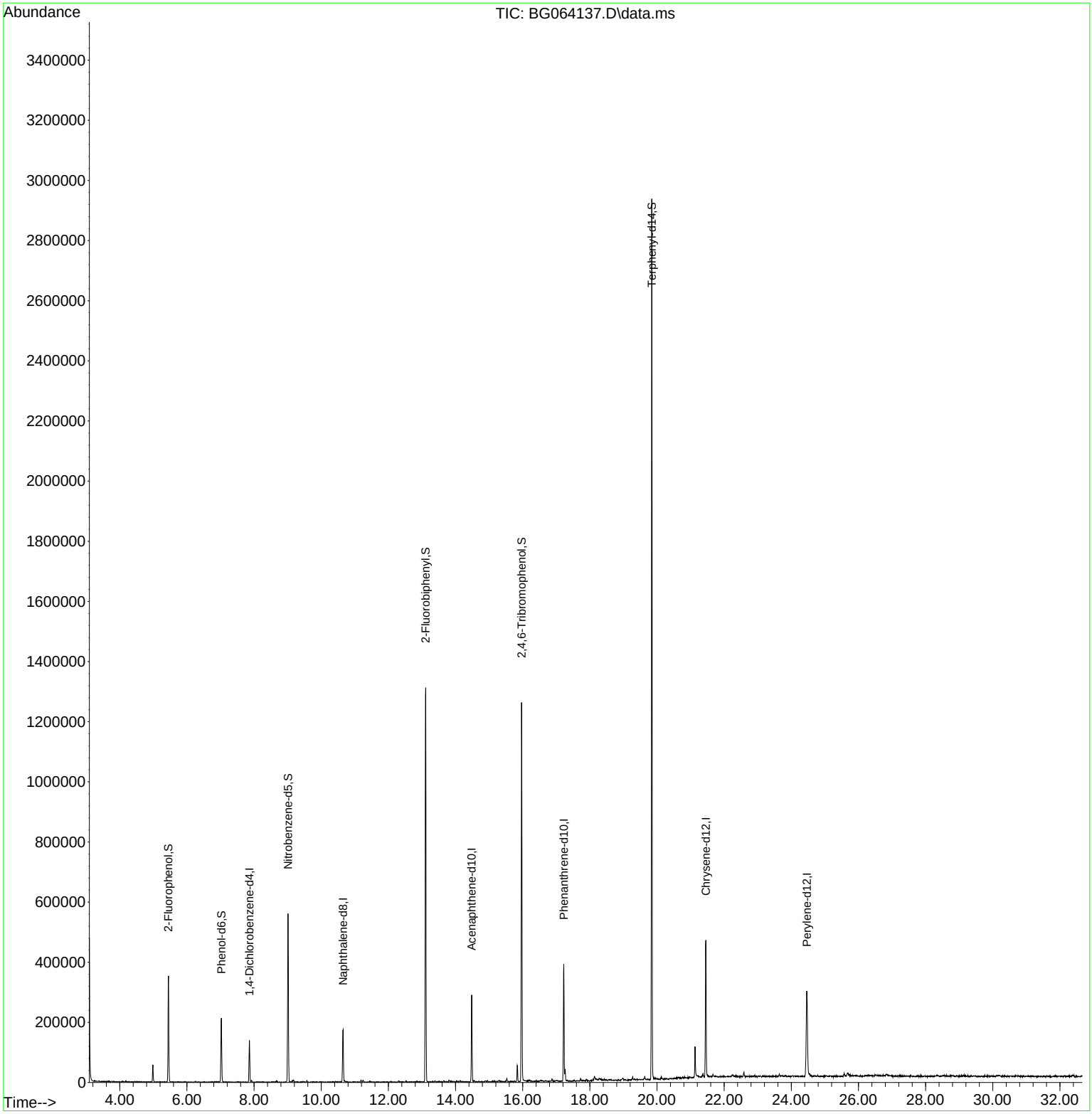
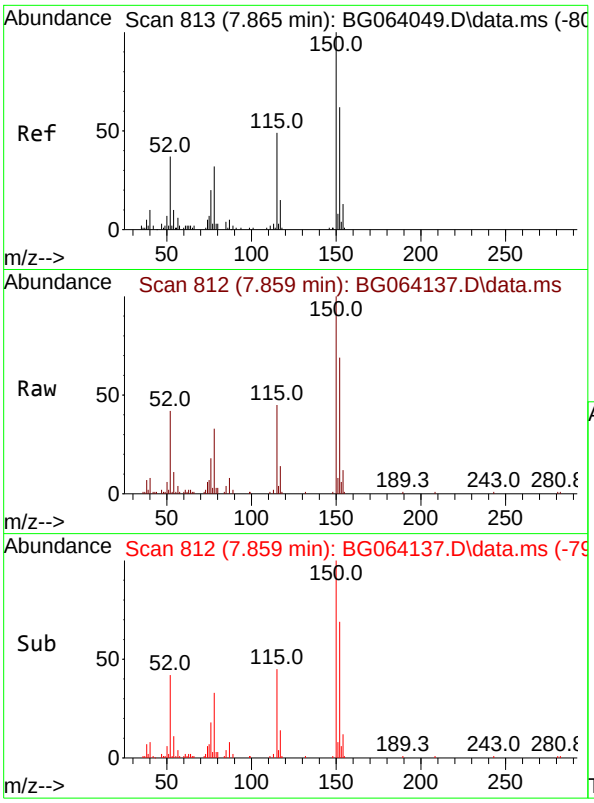


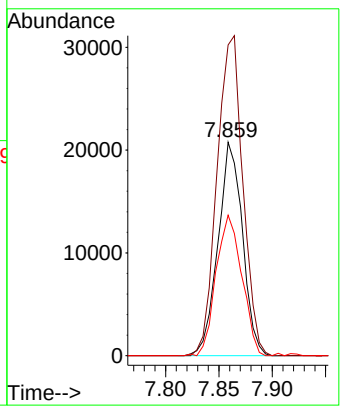


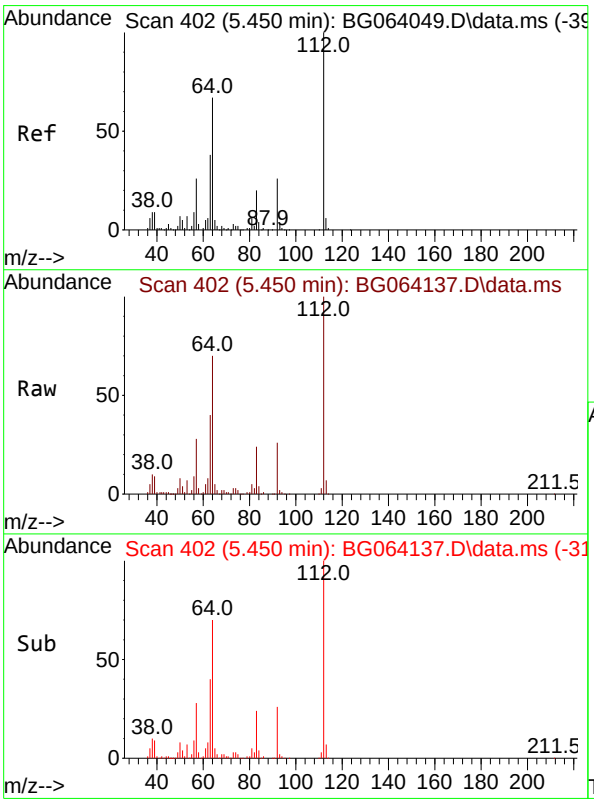
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion:152 Resp: 33101

Ion	Ratio	Lower	Upper
152	100		
150	145.6	129.2	193.8
115	65.8	63.0	94.6

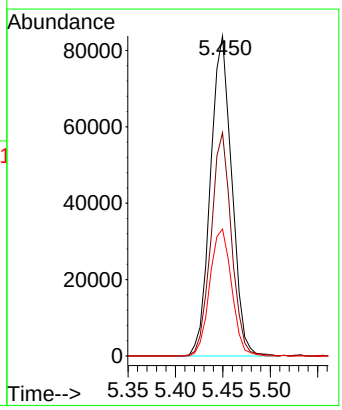


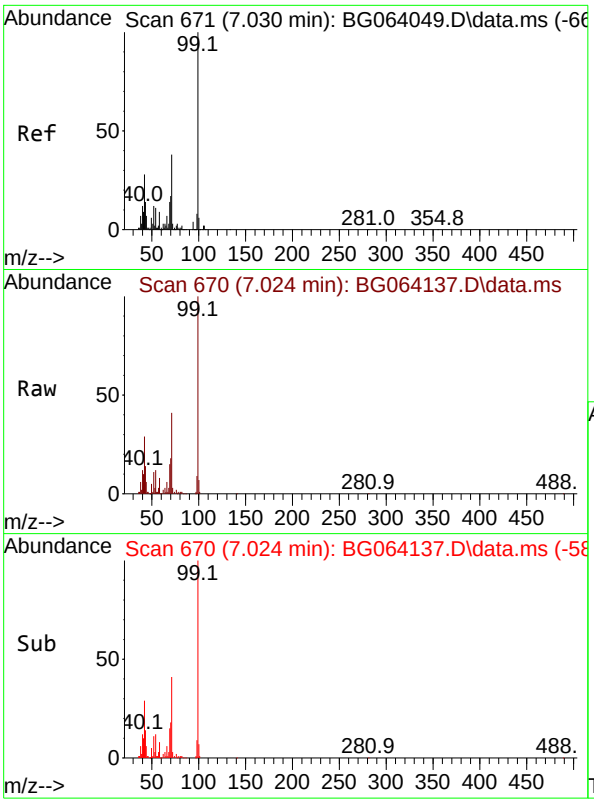


#5
2-Fluorophenol
Concen: 61.763 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:112 Resp: 130931

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.7	80.5
63	39.6	30.2	45.4



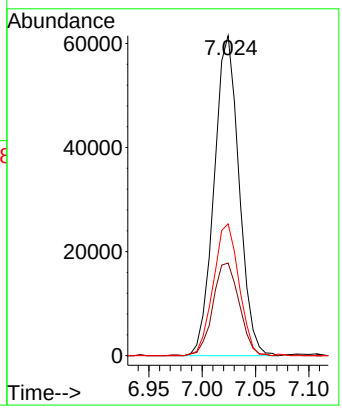


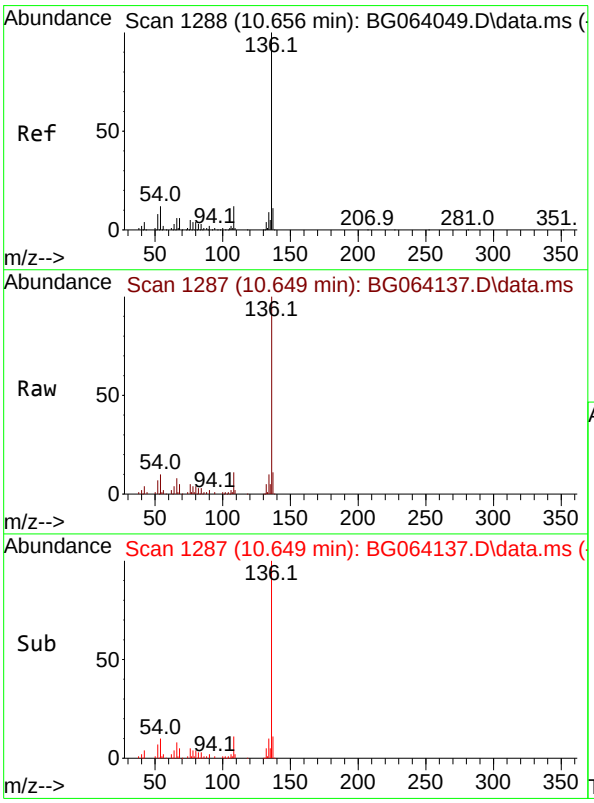
#7
Phenol-d6
Concen: 34.636 ng
RT: 7.024 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion: 99 Resp: 99886

Ion	Ratio	Lower	Upper
99	100		
42	29.0	22.7	34.1
71	41.2	30.6	46.0

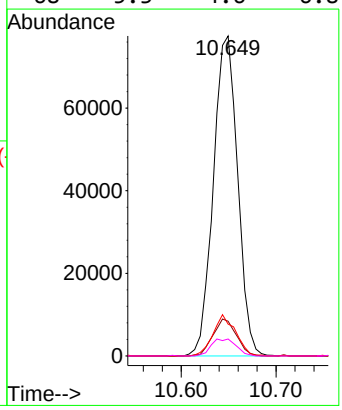


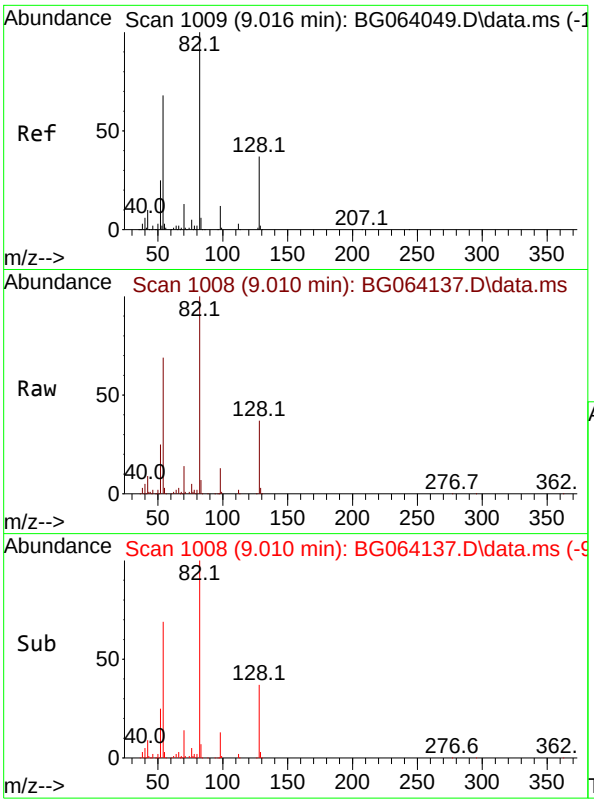


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:136 Resp: 138071

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.0	9.9	14.9
68	5.3	4.6	6.8



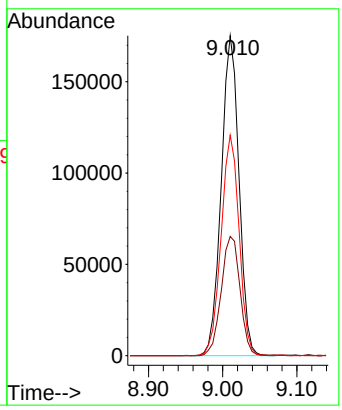


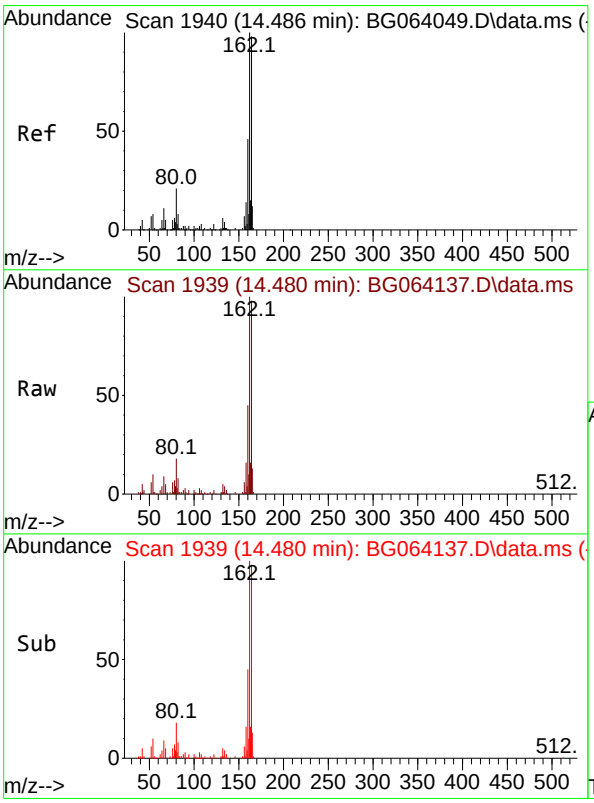
#23
Nitrobenzene-d5
Concen: 116.501 ng
RT: 9.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion: 82 Resp: 291075

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	68.9	54.7	82.1

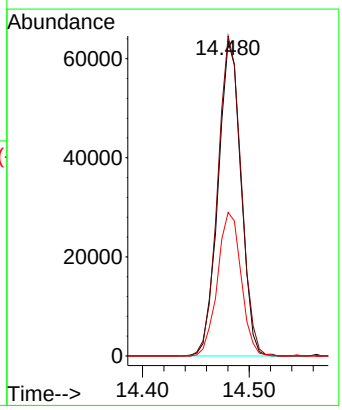


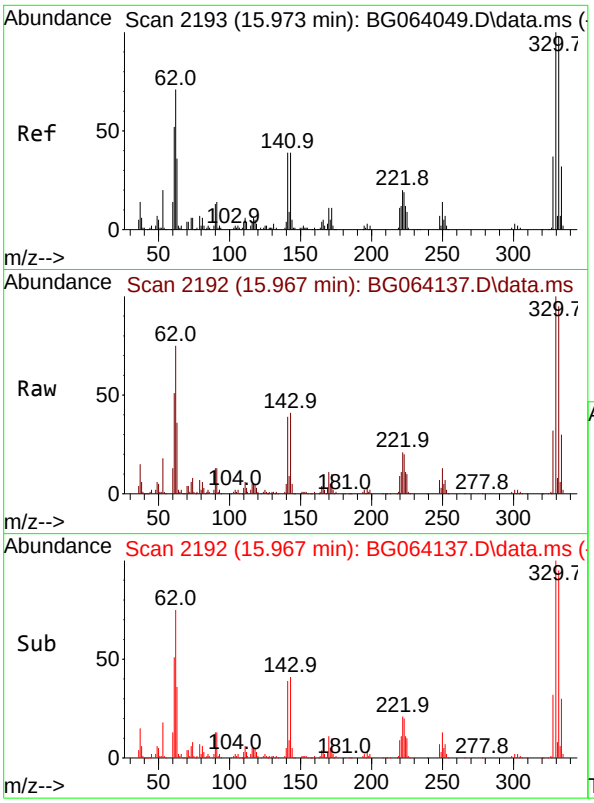


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:164 Resp: 94366

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.6	37.0	55.6



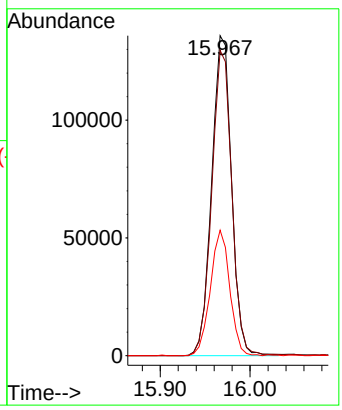


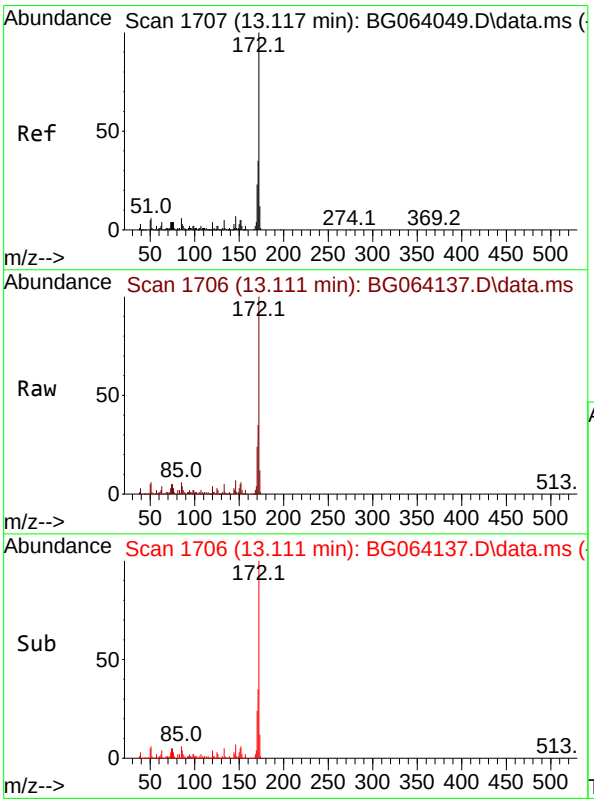
#42
2,4,6-Tribromophenol
Concen: 198.741 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion:330 Resp: 208468

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	38.4	29.7	44.5

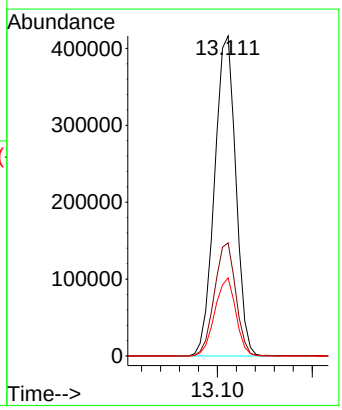


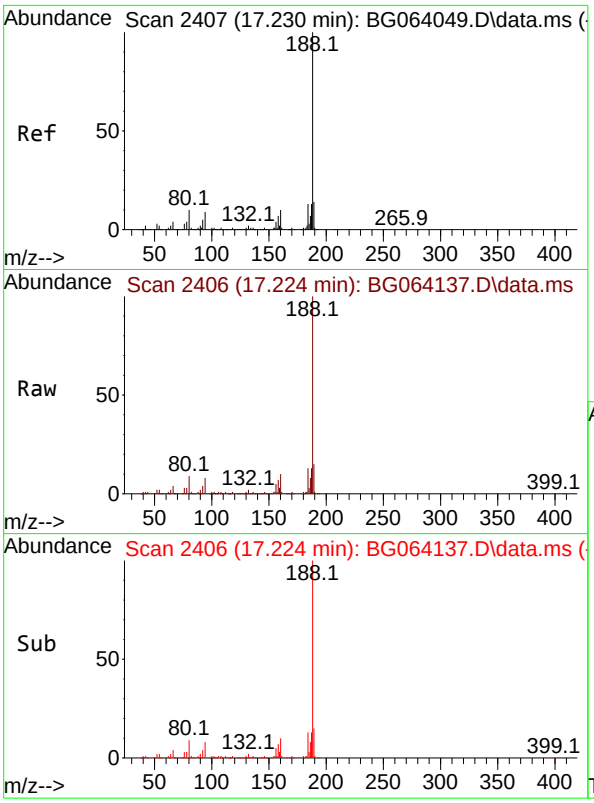


#45
2-Fluorobiphenyl
Concen: 104.311 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:172 Resp: 648499

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.0	42.0
170	24.4	18.7	28.1



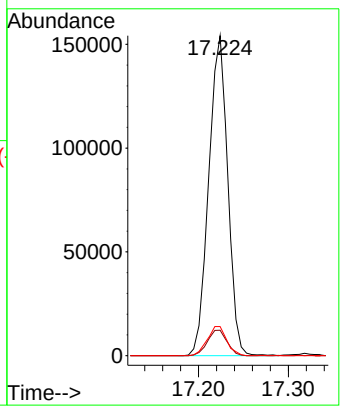


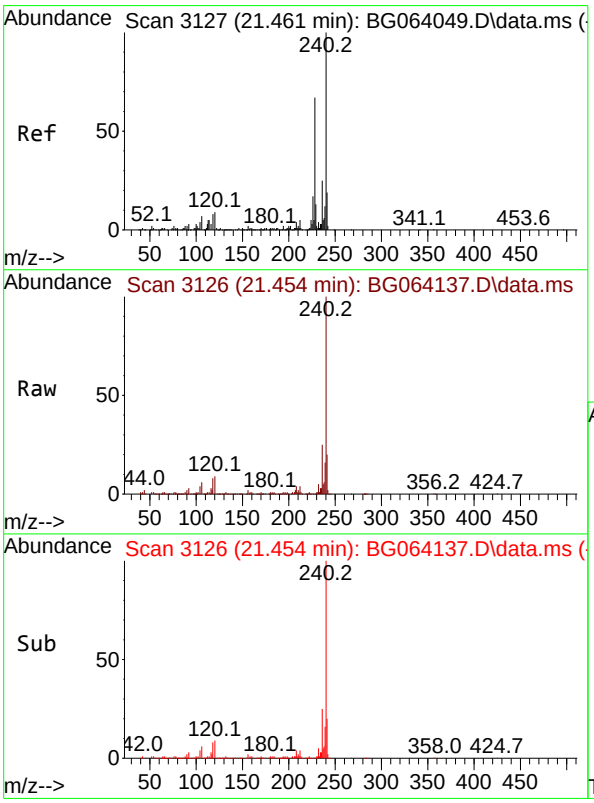
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion:188 Resp: 226571

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	8.1	12.1

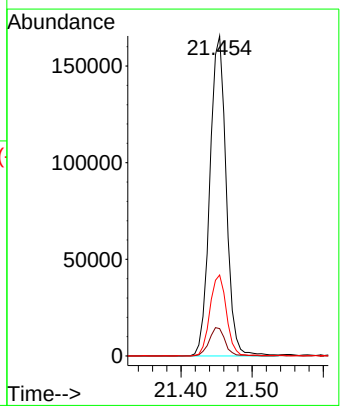


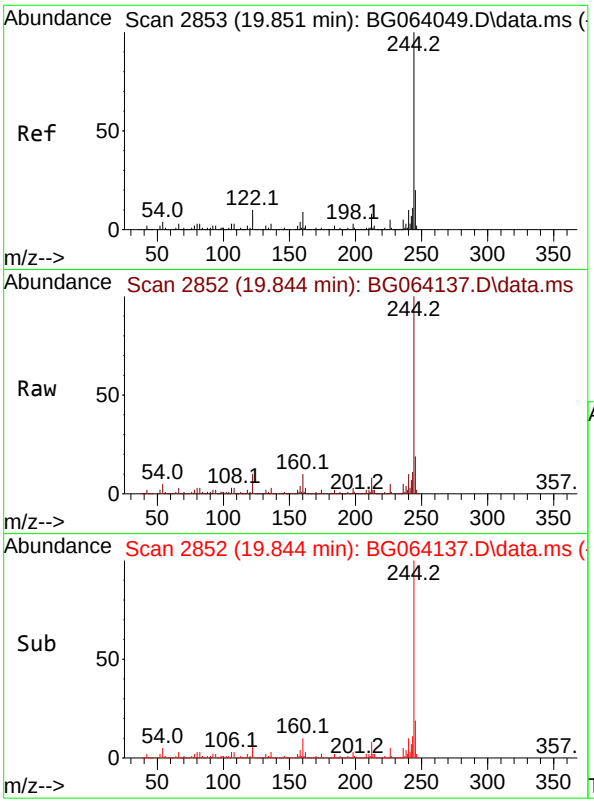


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:240 Resp: 263789

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.2	10.8
236	25.3	20.2	30.2



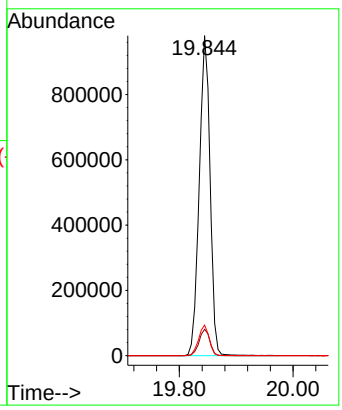


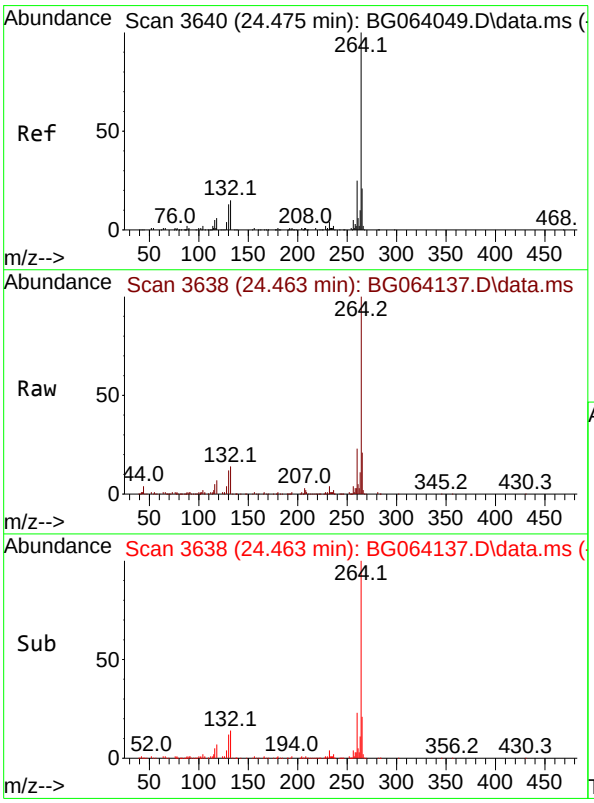
#79
Terphenyl-d14
Concen: 99.226 ng
RT: 19.844 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-02

Tgt Ion:244 Resp: 1294502

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	9.5	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.012 min
Lab File: BG064137.D
Acq: 1 Apr 2025 16:24

Tgt Ion:264 Resp: 282032

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.4	16.6	25.0