Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064144.D
Acq On : 1 Apr 2025 21:06
Operator : RC/JU
Sample : Q1664-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Quant Time: Apr 02 01:36:42 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	34102	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	146359	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	99405	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	239679	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	275927	20.000	ng	-0.01
86) Perylene-d12	24.463	264	287353	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	168794	77.287	ng	0.00
7) Phenol-d6	7.025	99	140285	47.217	ng	0.00
23) Nitrobenzene-d5	9.011	82	315012	118.942	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	219406	198.565	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	696984	106.427	ng	-0.01
79) Terphenyl-d14	19.845	244	1409042	103.255	ng	0.00
Target Compounds						Qvalue

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

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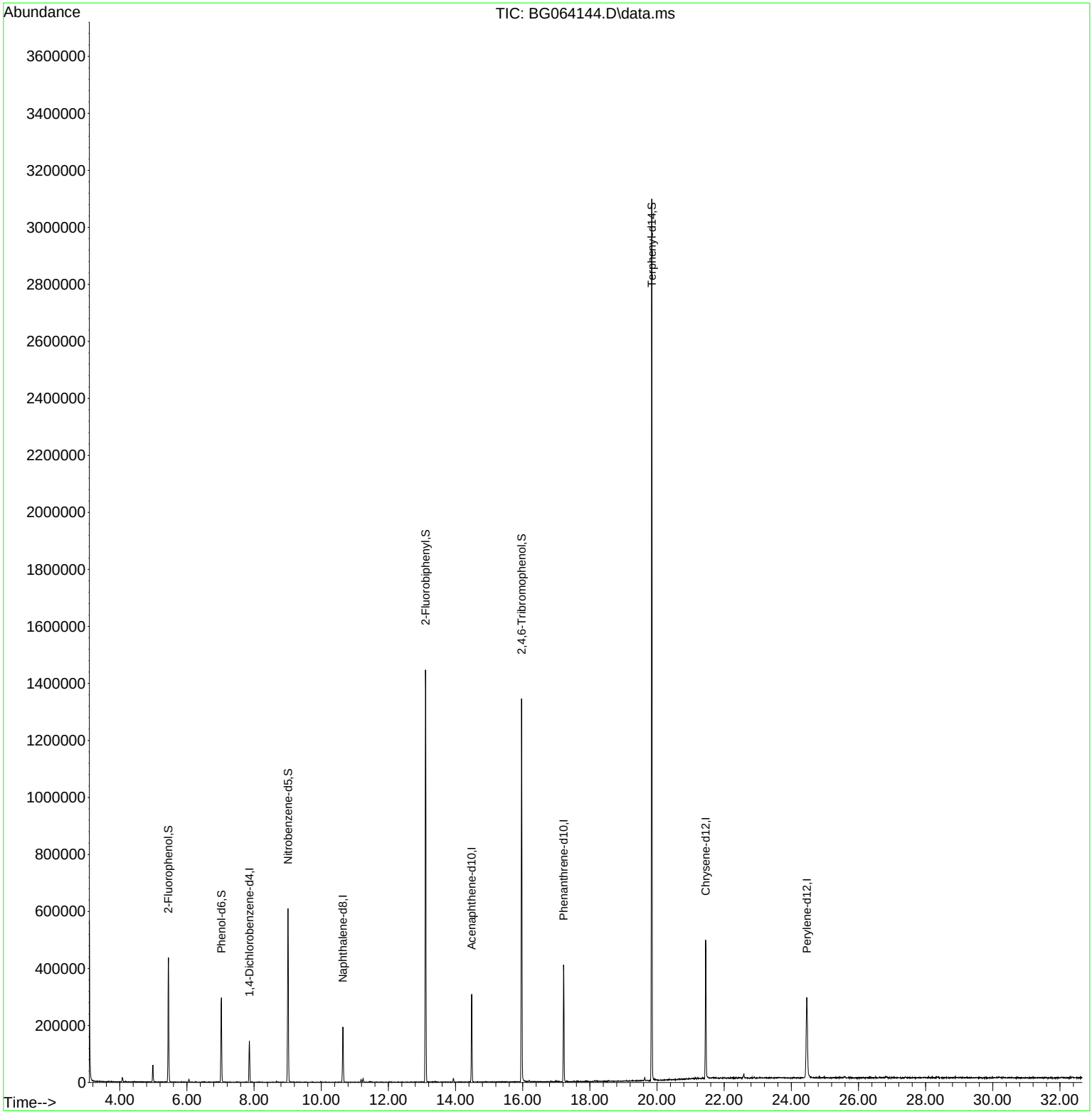
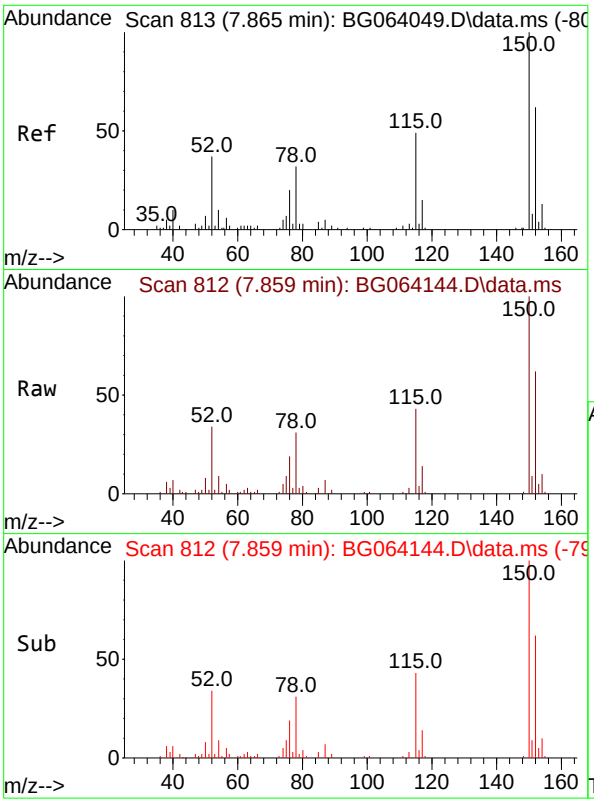


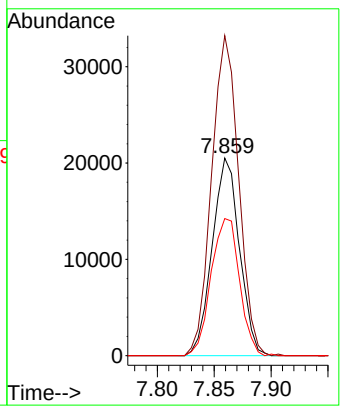


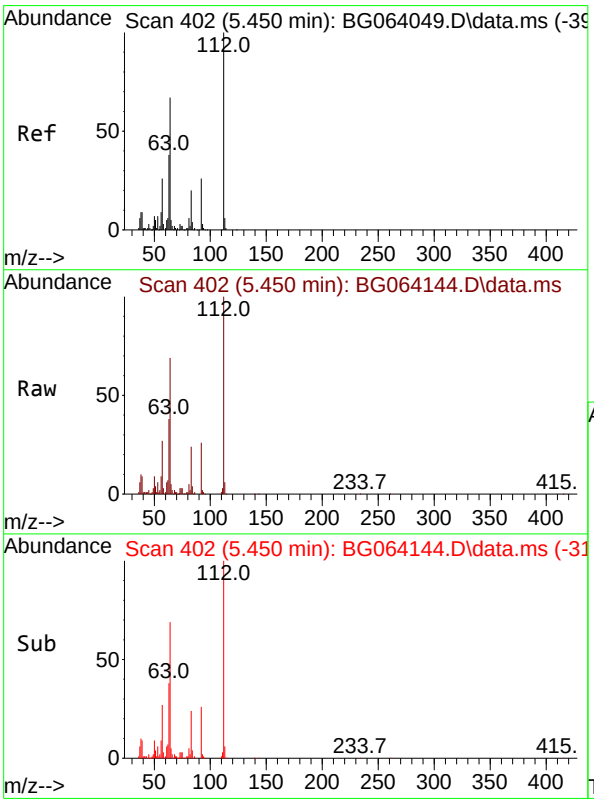
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion:152 Resp: 34102

Ion	Ratio	Lower	Upper
152	100		
150	161.9	129.2	193.8
115	69.4	63.0	94.6

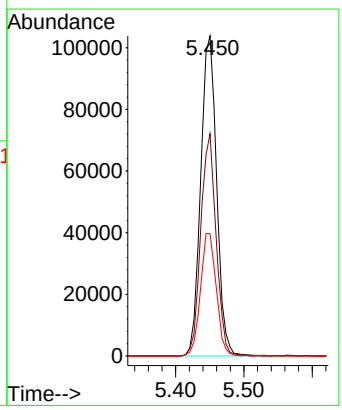


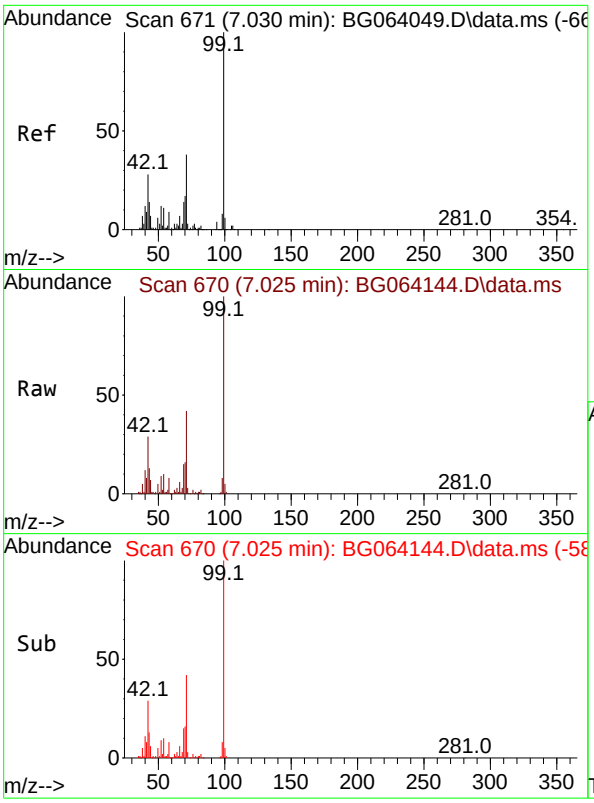


#5
2-Fluorophenol
Concen: 77.287 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:112 Resp: 168794

Ion	Ratio	Lower	Upper
112	100		
64	69.5	53.7	80.5
63	38.2	30.2	45.4



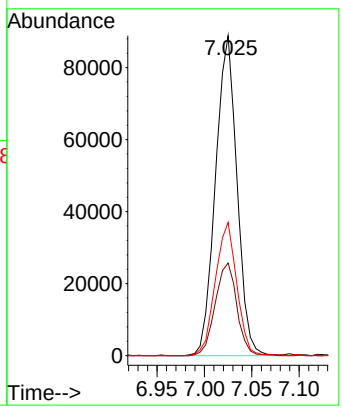


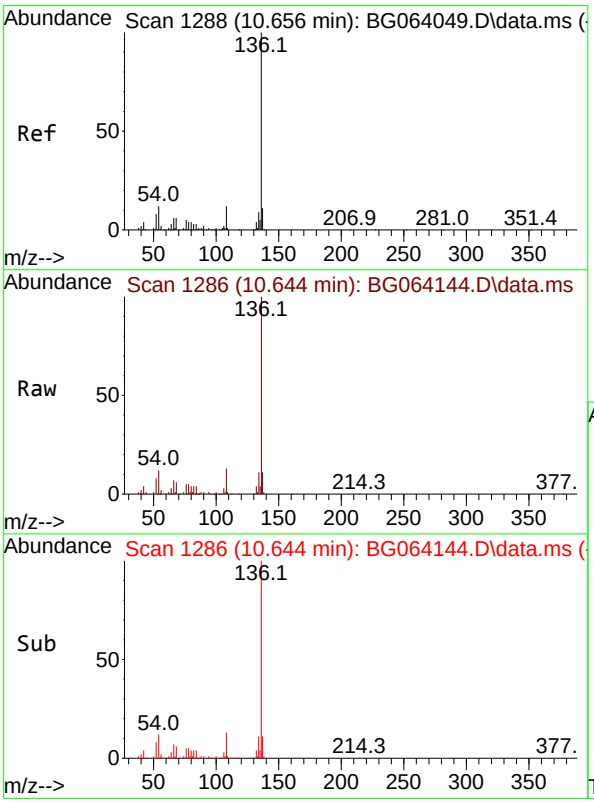
#7
Phenol-d6
Concen: 47.217 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion: 99 Resp: 140285

Ion	Ratio	Lower	Upper
99	100		
42	28.9	22.7	34.1
71	41.7	30.6	46.0

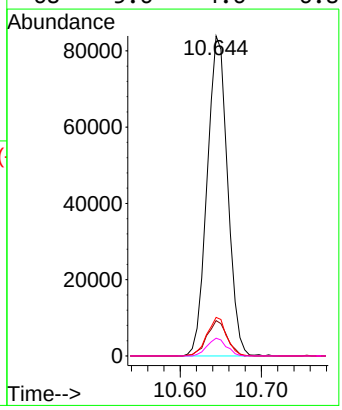


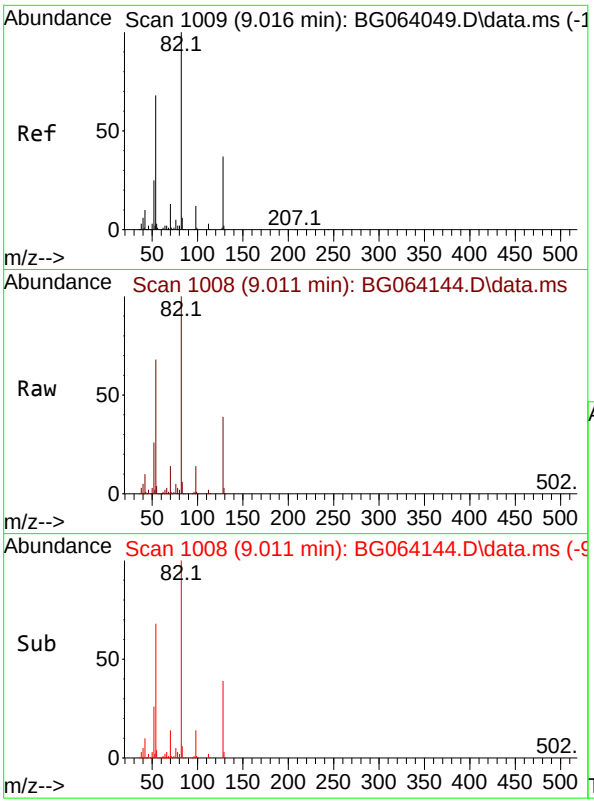


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:136 Resp: 146359

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	12.0	9.9	14.9
68	5.6	4.6	6.8



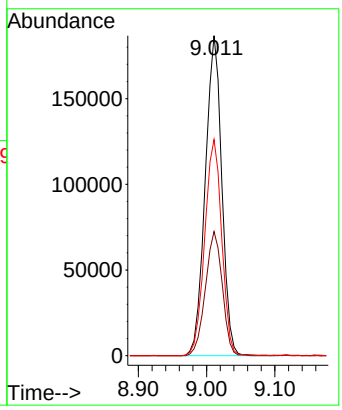


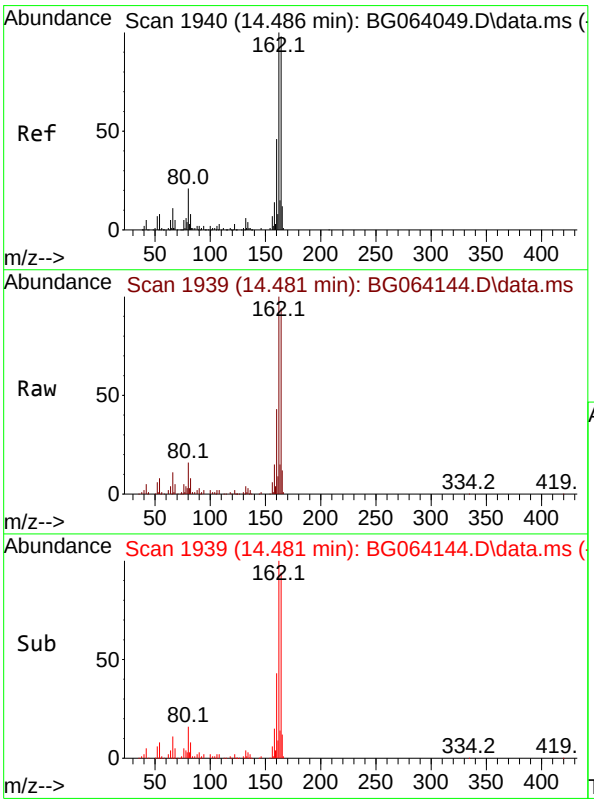
#23
Nitrobenzene-d5
Concen: 118.942 ng
RT: 9.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion: 82 Resp: 315012

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.0	45.0
54	67.6	54.7	82.1

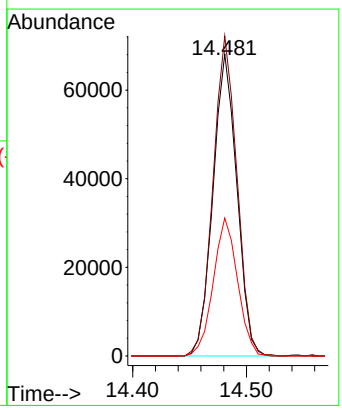


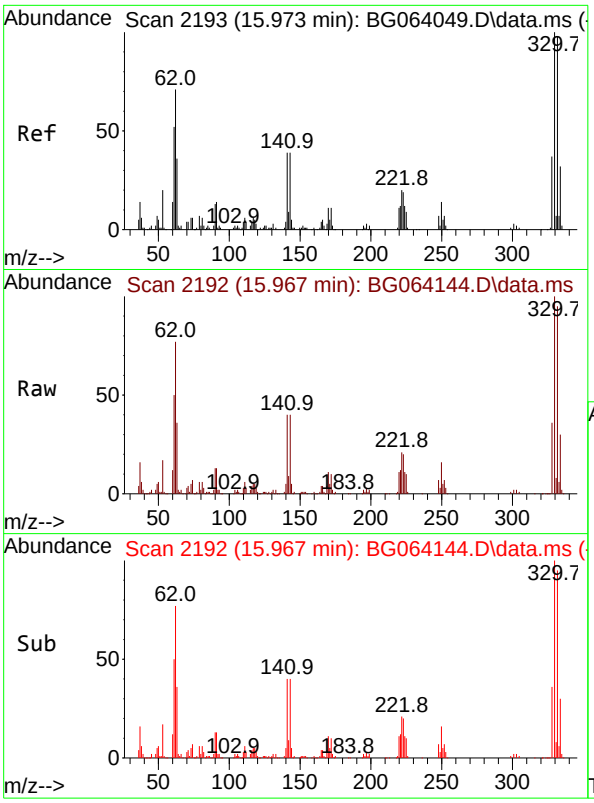


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:164 Resp: 99405

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.4	122.0
160	45.7	37.0	55.6



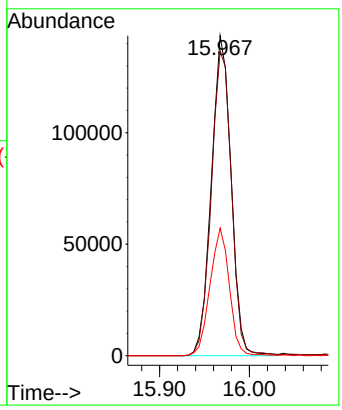


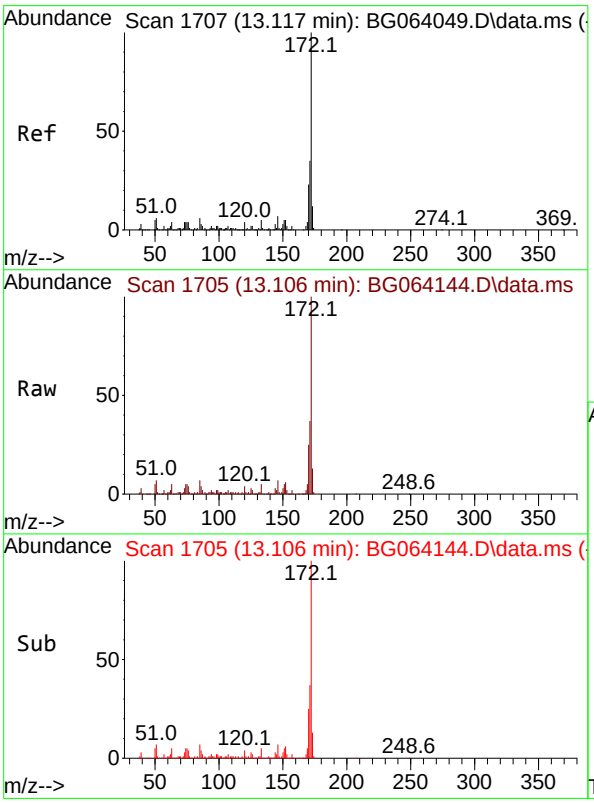
#42
2,4,6-Tribromophenol
Concen: 198.565 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion:330 Resp: 219406

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	39.0	29.7	44.5

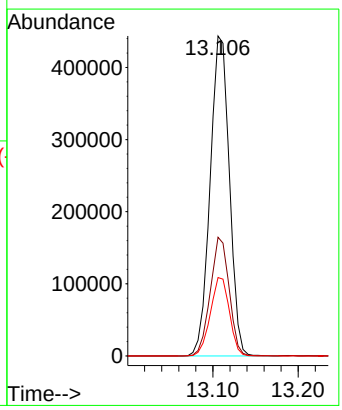


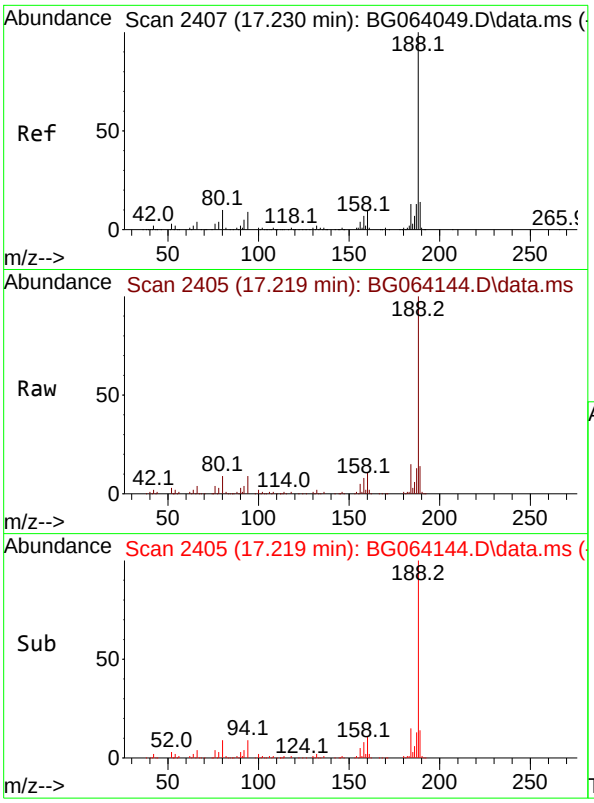


#45
2-Fluorobiphenyl
Concen: 106.427 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:172 Resp: 696984

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.0	42.0
170	24.5	18.7	28.1



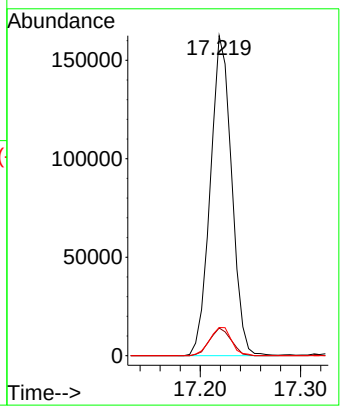


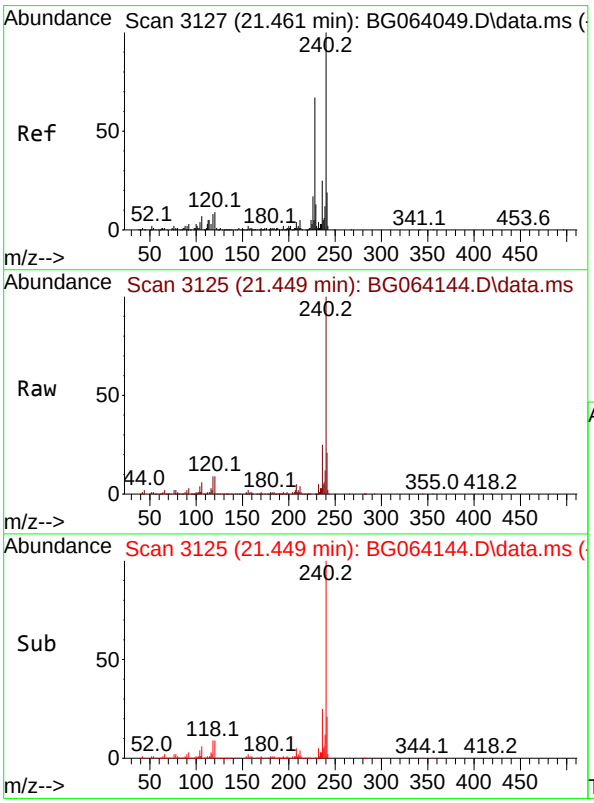
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion:188 Resp: 239679

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	8.8	8.1	12.1

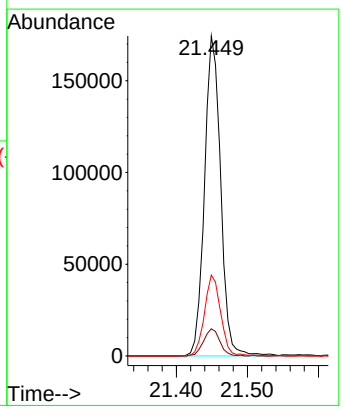


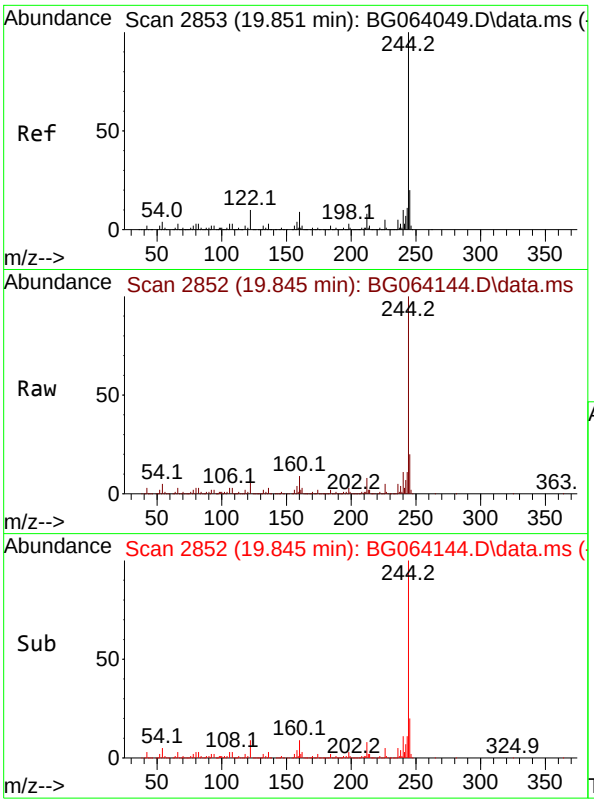


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:240 Resp: 275927

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	25.3	20.2	30.2



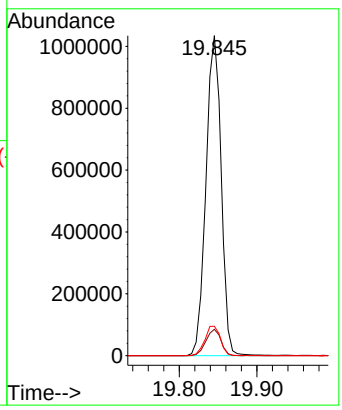


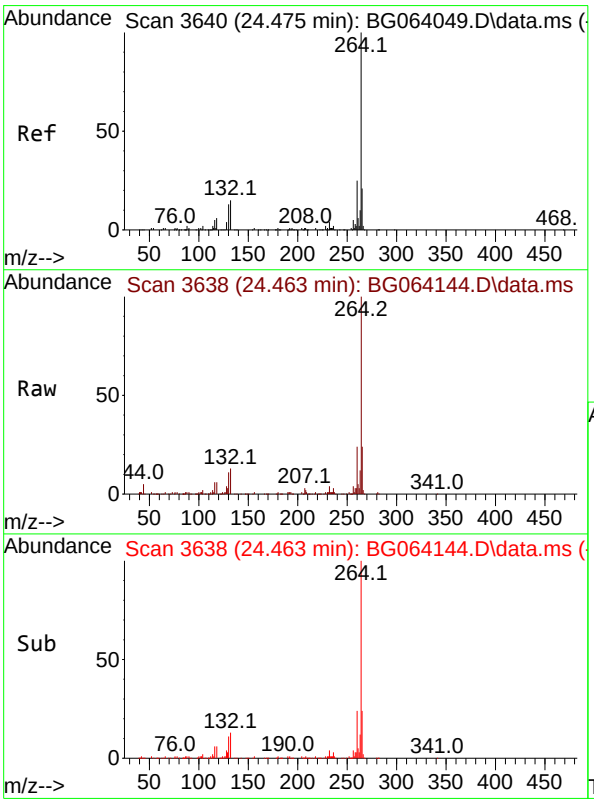
#79
Terphenyl-d14
Concen: 103.255 ng
RT: 19.845 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

Tgt Ion:244 Resp: 1409042

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	9.2	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:264 Resp: 287353

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	24.0	16.6	25.0