Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
Data File : BG064010.D
Acq On : 6 Feb 2025 10:20
Operator : RC/JU
Sample : PB166013BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Quant Time: Feb 06 10:57:49 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	62139	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	261390	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	168914	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	389770	20.000	ng	# 0.00
76) Chrysene-d12	21.467	240	455632	20.000	ng	0.00
86) Perylene-d12	24.499	264	478154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.462	112	539363	139.167	ng	0.00
7) Phenol-d6	7.037	99	691173	129.953	ng	0.00
23) Nitrobenzene-d5	9.023	82	429688	99.906	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	224796	116.931	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	979882	88.881	ng	0.00
79) Terphenyl-d14	19.863	244	1962548	89.956	ng	0.00
Target Compounds						Qvalue

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

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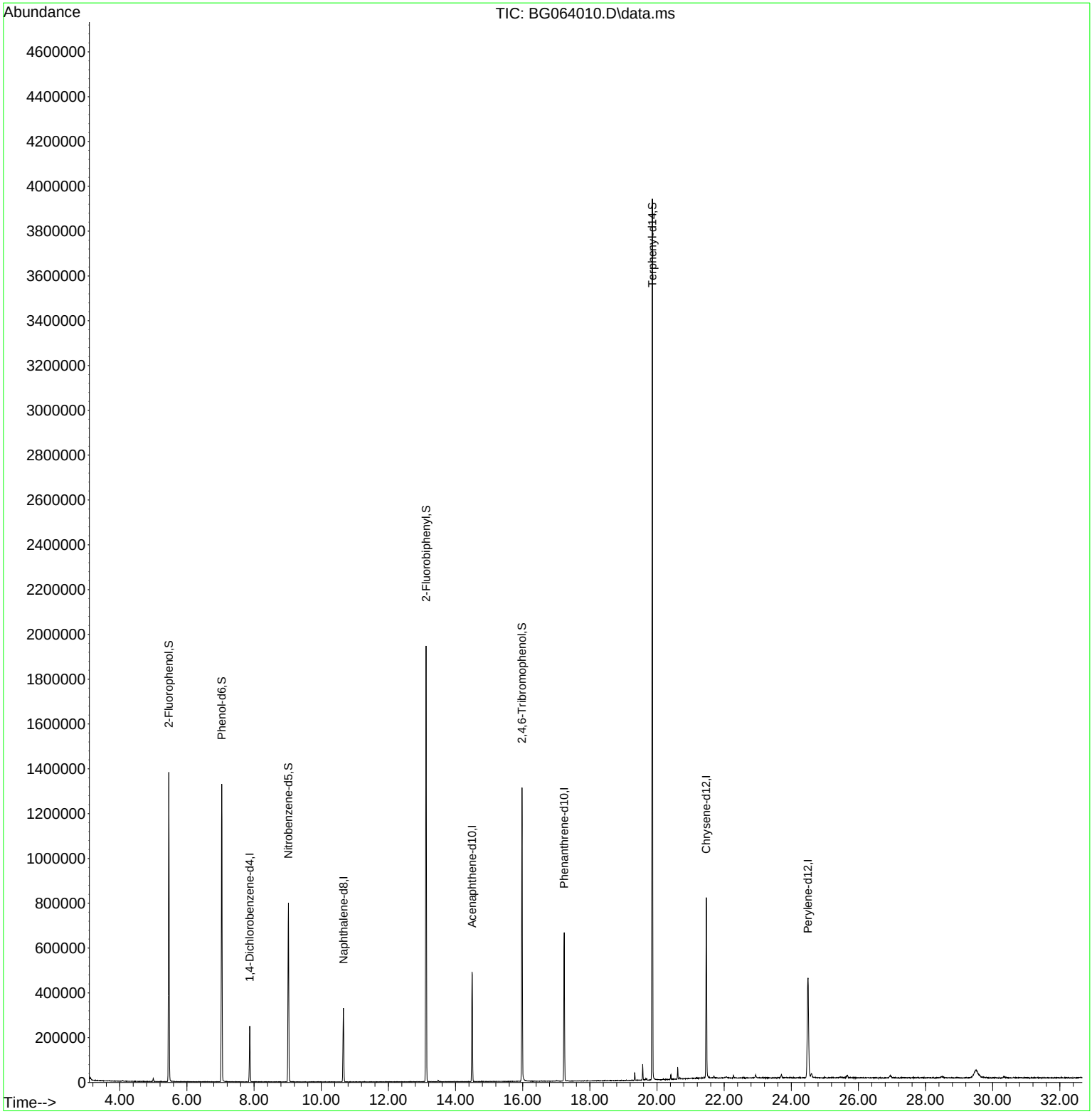
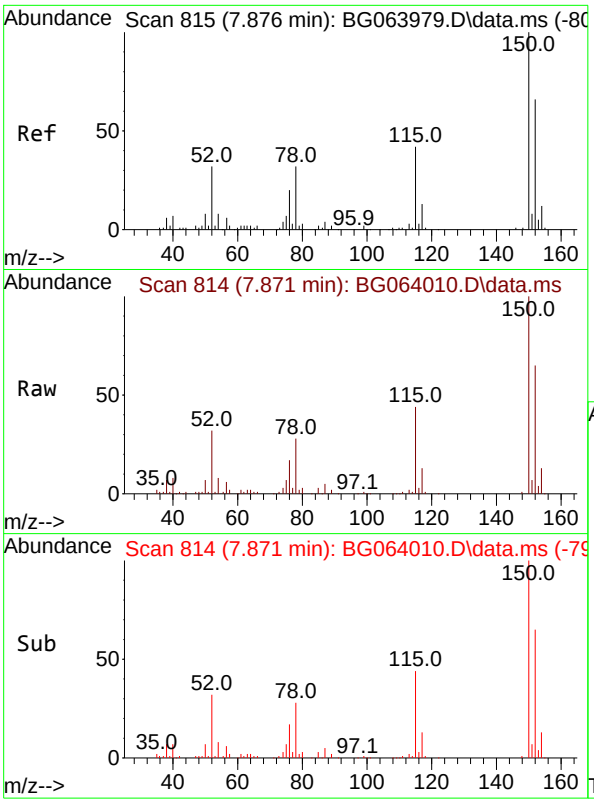


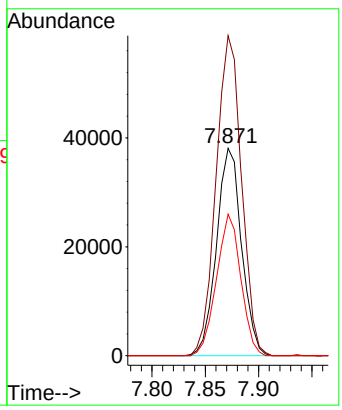


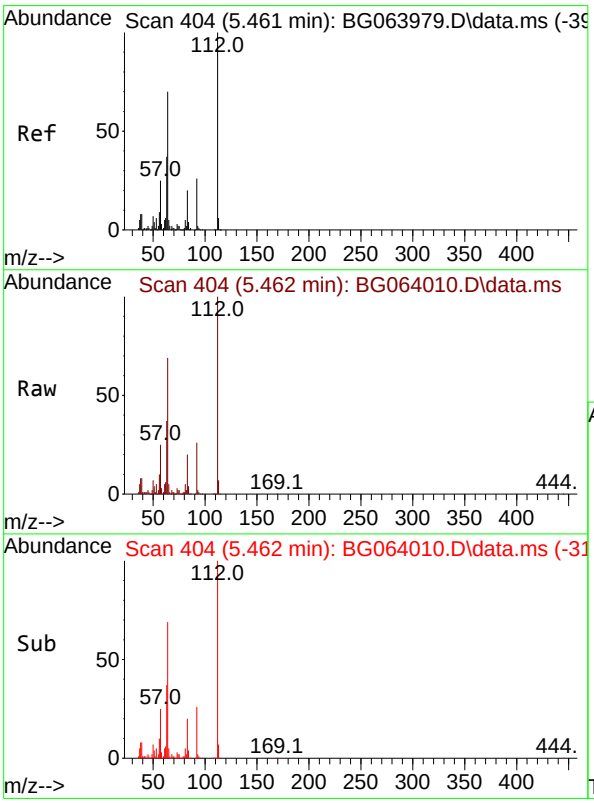
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion:152 Resp: 62139

Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.0	181.6
115	68.2	50.4	75.6

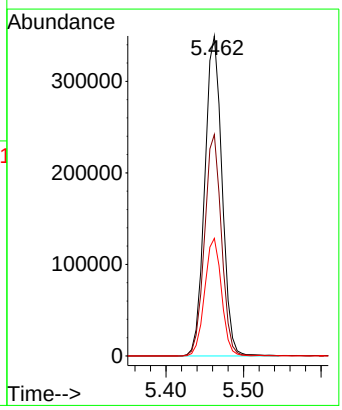


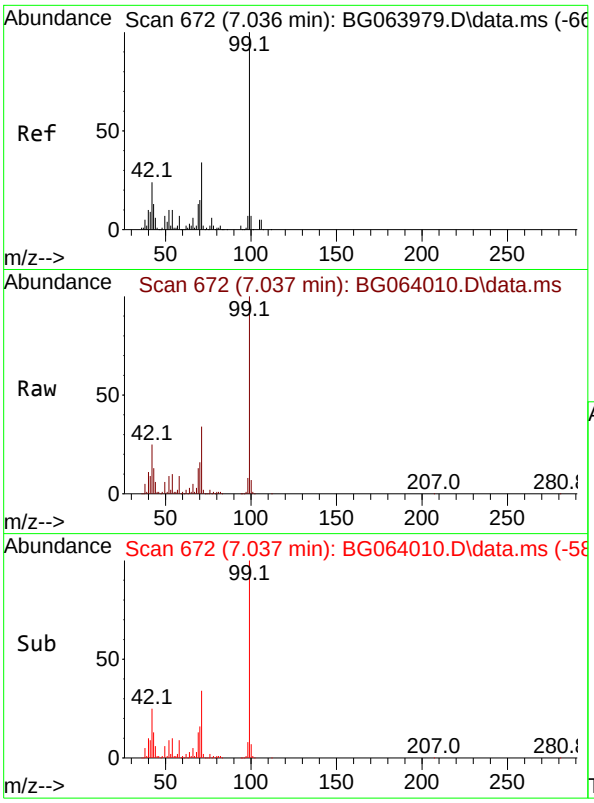


#5
2-Fluorophenol
Concen: 139.167 ng
RT: 5.462 min Scan# 404
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:112 Resp: 539363

Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.8	83.8
63	36.8	29.3	43.9



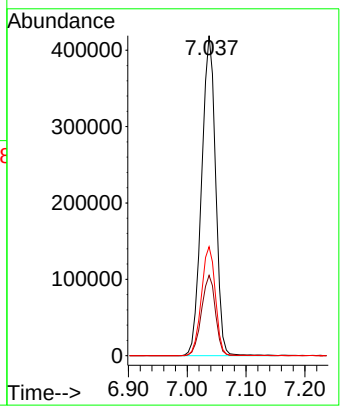


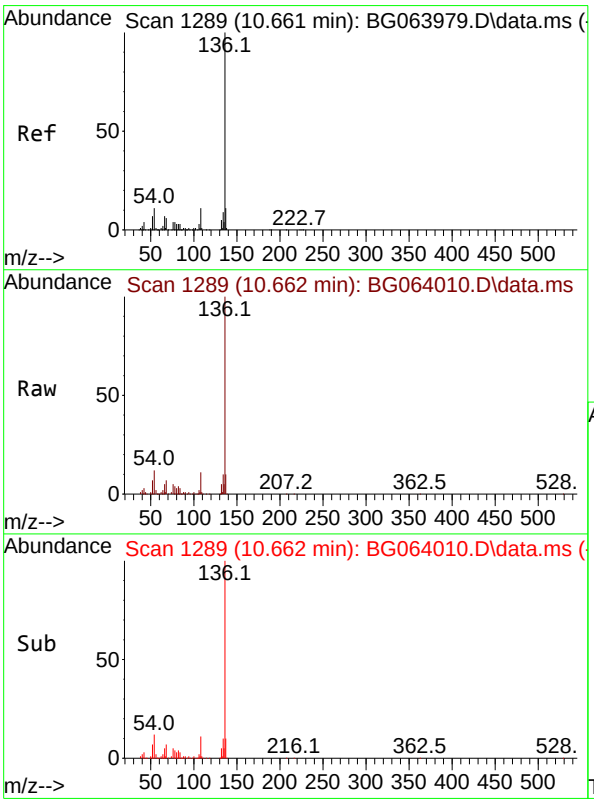
#7
Phenol-d6
Concen: 129.953 ng
RT: 7.037 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion: 99 Resp: 691173

Ion	Ratio	Lower	Upper
99	100		
42	25.1	18.9	28.3
71	34.0	27.0	40.6

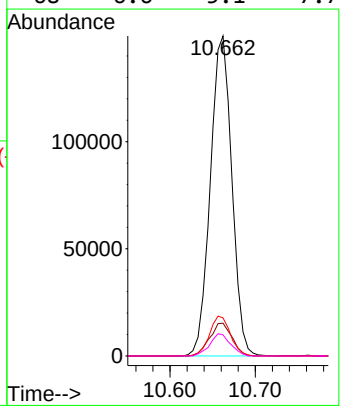


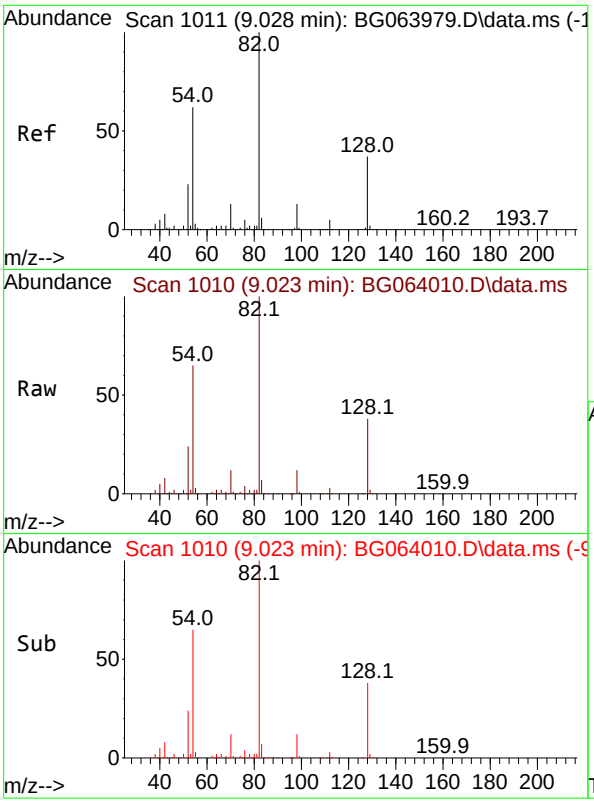


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:136 Resp: 261390

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.9	9.2	13.8
68	6.6	5.1	7.7



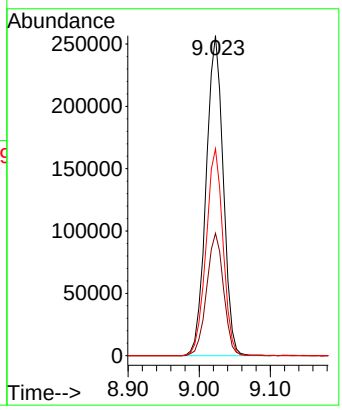


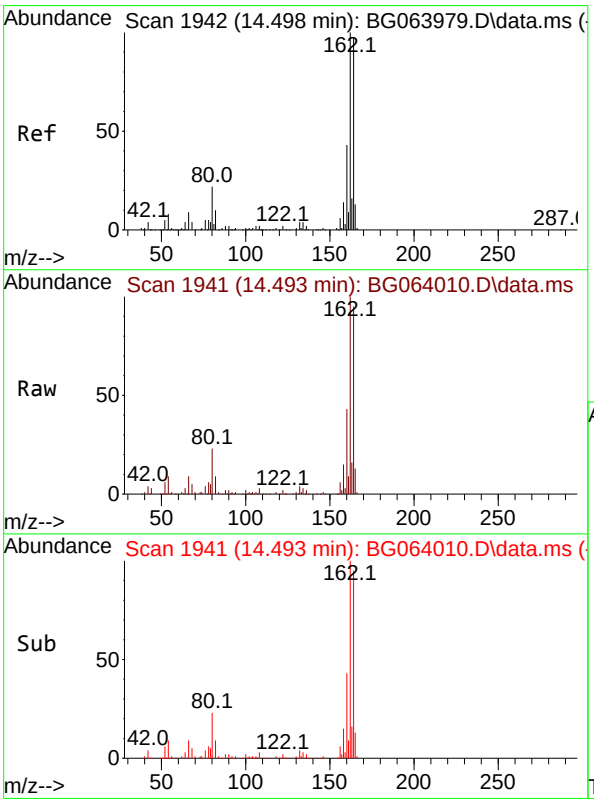
#23
Nitrobenzene-d5
Concen: 99.906 ng
RT: 9.023 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion: 82 Resp: 429688

Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	64.6	49.9	74.9

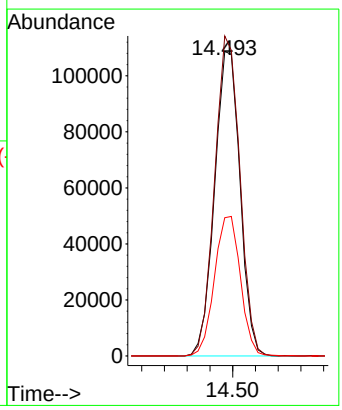


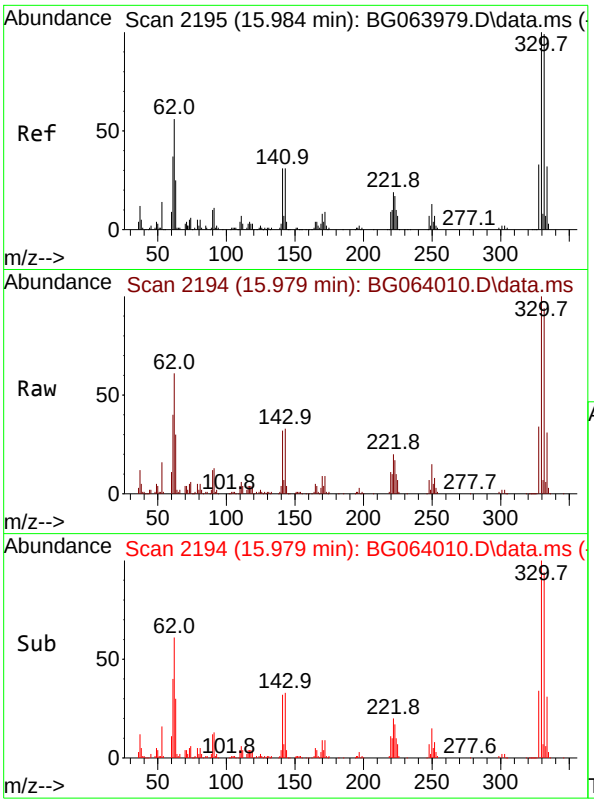


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:164 Resp: 168914

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.3	123.5
160	45.4	35.4	53.0



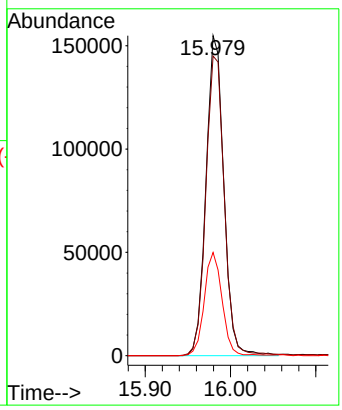


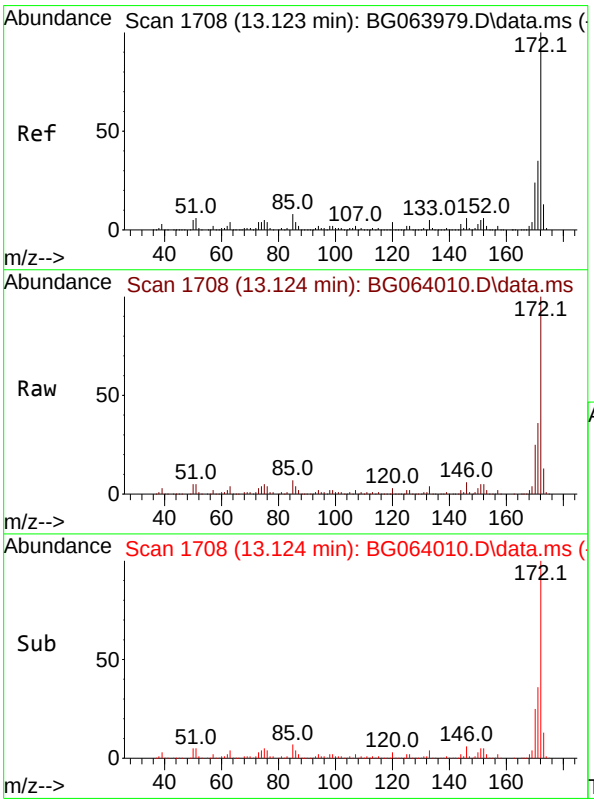
#42
2,4,6-Tribromophenol
Concen: 116.931 ng
RT: 15.979 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion:330 Resp: 224796

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.6
141	32.3	27.2	40.8

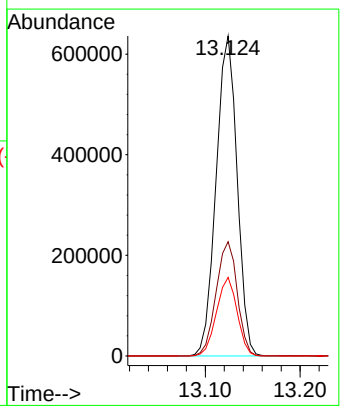


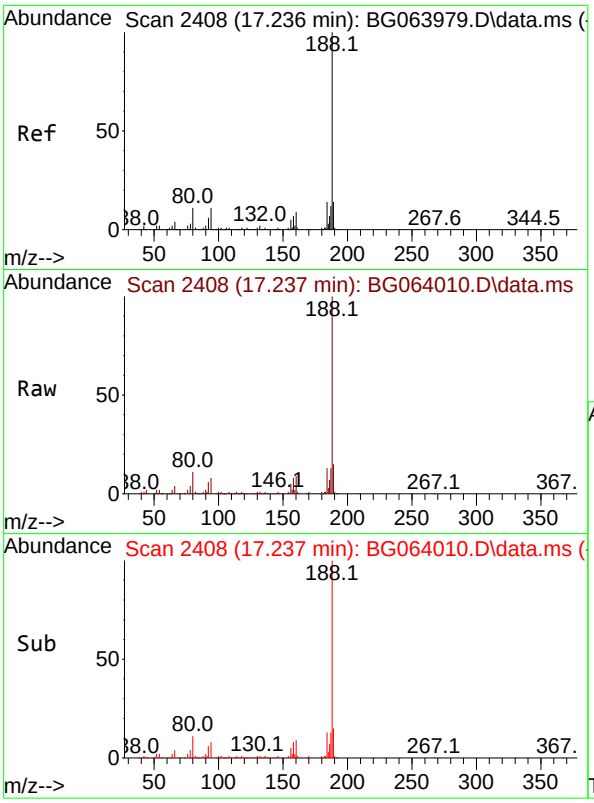


#45
2-Fluorobiphenyl
Concen: 88.881 ng
RT: 13.124 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:172 Resp: 979882

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.5	19.4	29.2



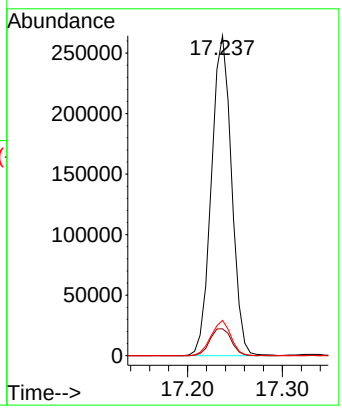


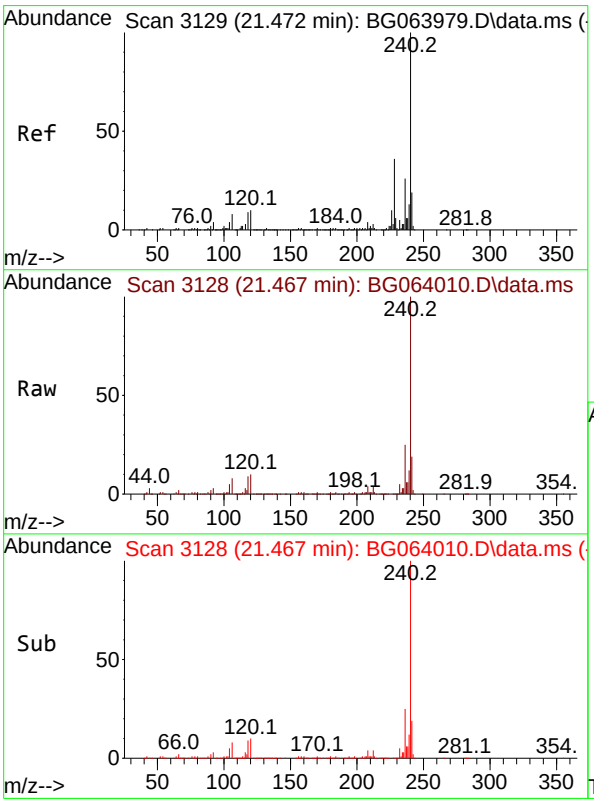
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.237 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion:188 Resp: 389770

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.6	13.0#
80	11.1	8.5	12.7

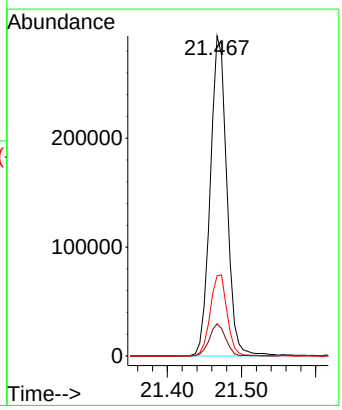


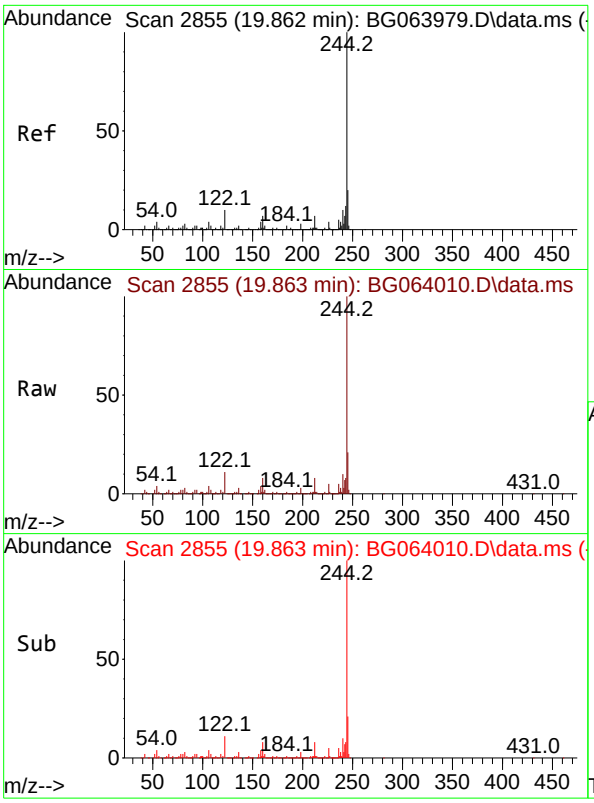


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:240 Resp: 455632

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.9	11.9
236	25.0	21.0	31.6



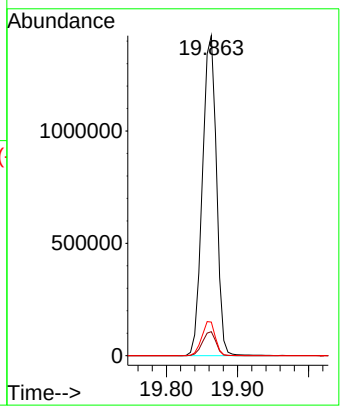


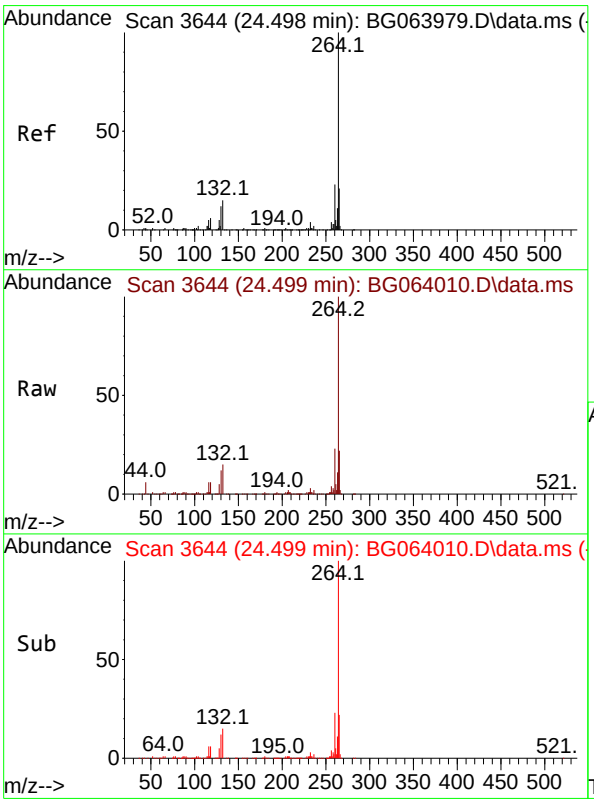
#79
Terphenyl-d14
Concen: 89.956 ng
RT: 19.863 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Instrument :
BNA_G
ClientSampleId :
PB166013BL

Tgt Ion:244 Resp: 1962548

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.5	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.499 min Scan# 3644
Delta R.T. 0.001 min
Lab File: BG064010.D
Acq: 6 Feb 2025 10:20

Tgt Ion:264 Resp: 478154

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.6	24.8