Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055736.D
Acq On : 22 Nov 2022 12:12
Operator : CG/JU
Sample : N5598-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Quant Time: Nov 23 02:00:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	51617	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	215475	20.000	ng	0.00
39) Acenaphthene-d10	14.866	164	143537	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	304679	20.000	ng	0.00
76) Chrysene-d12	21.905	240	283301	20.000	ng	0.00
86) Perylene-d12	25.312	264	283011	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.777	112	362566	126.963	ng	0.00
7) Phenol-d6	7.392	99	435282	114.507	ng	0.00
23) Nitrobenzene-d5	9.419	82	333585	81.827	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	246856	122.134	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	796720	83.155	ng	0.00
79) Terphenyl-d14	20.195	244	1197256	84.527	ng	0.00
Target Compounds						Qvalue

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

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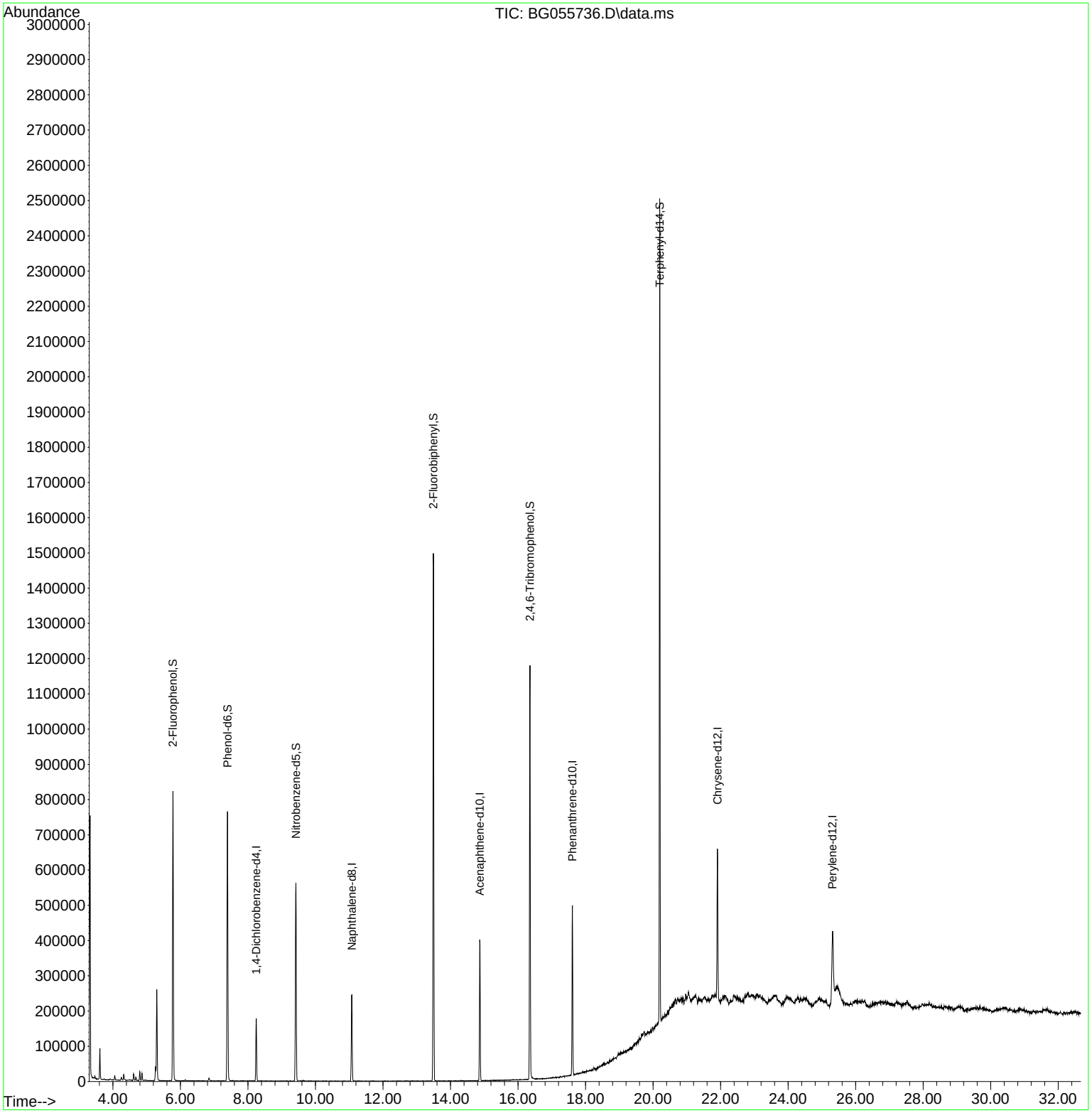
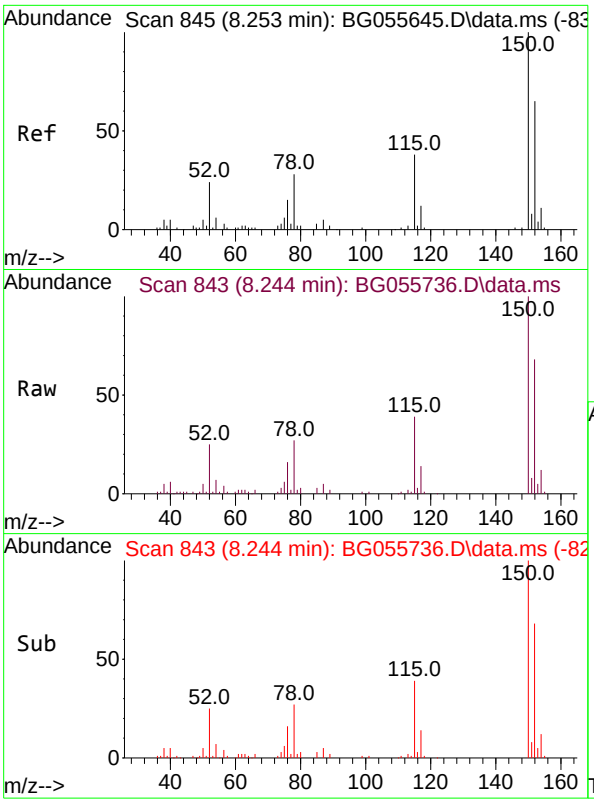


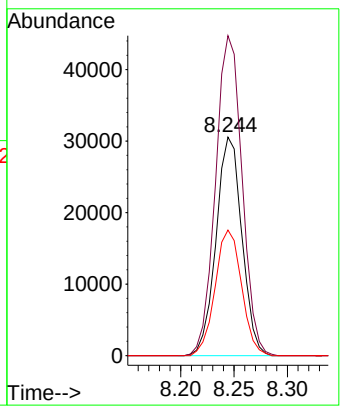


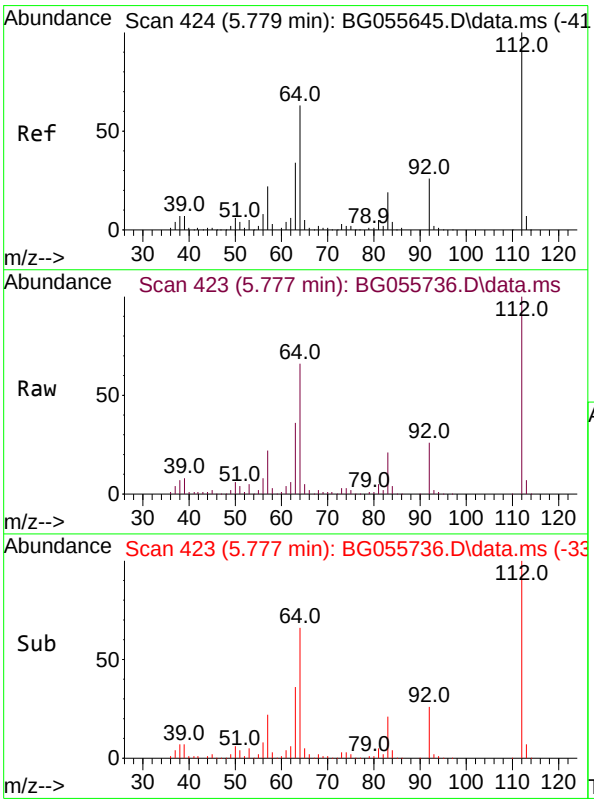
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:152 Resp: 51617

Ion	Ratio	Lower	Upper
152	100		
150	146.4	123.0	184.6
115	57.4	47.0	70.4

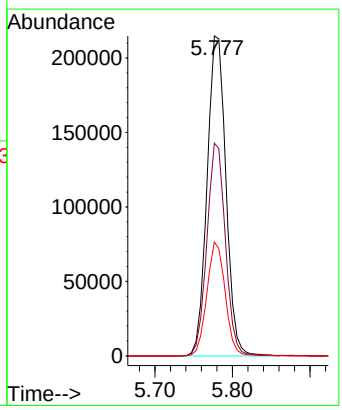


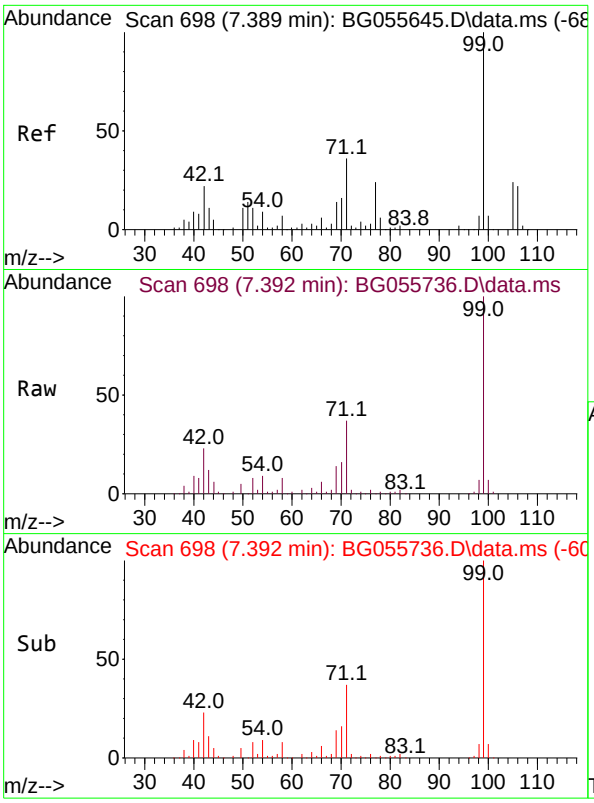


#5
2-Fluorophenol
Concen: 126.963 ng
RT: 5.777 min Scan# 423
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:112 Resp: 362566

Ion	Ratio	Lower	Upper
112	100		
64	66.5	50.6	76.0
63	35.6	27.5	41.3



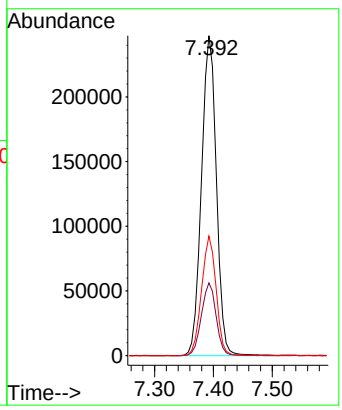


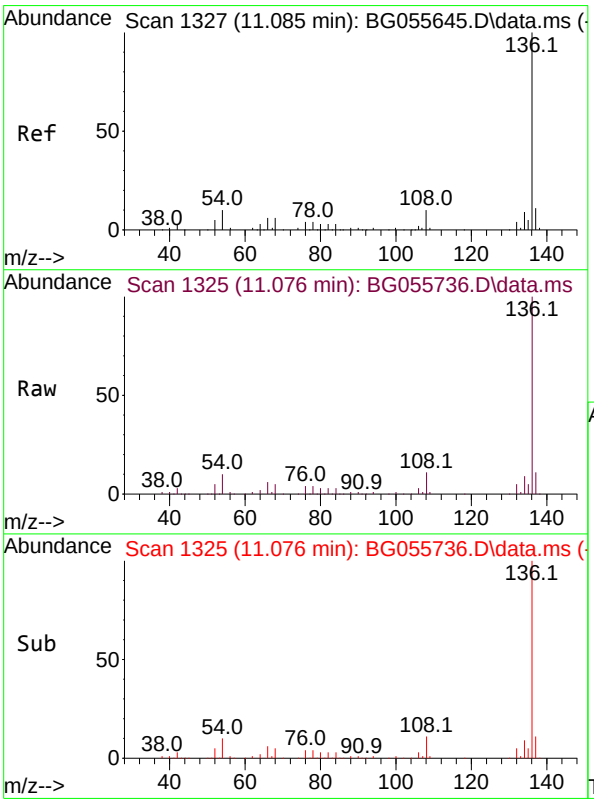
#7
Phenol-d6
Concen: 114.507 ng
RT: 7.392 min Scan# 69
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion: 99 Resp: 435282

Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.0	27.0
71	37.3	29.0	43.6

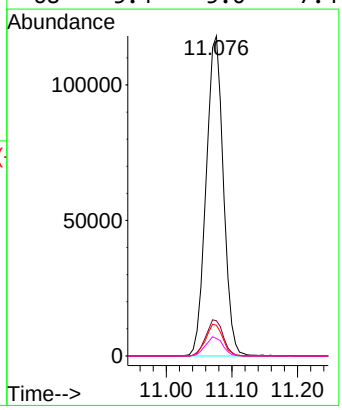


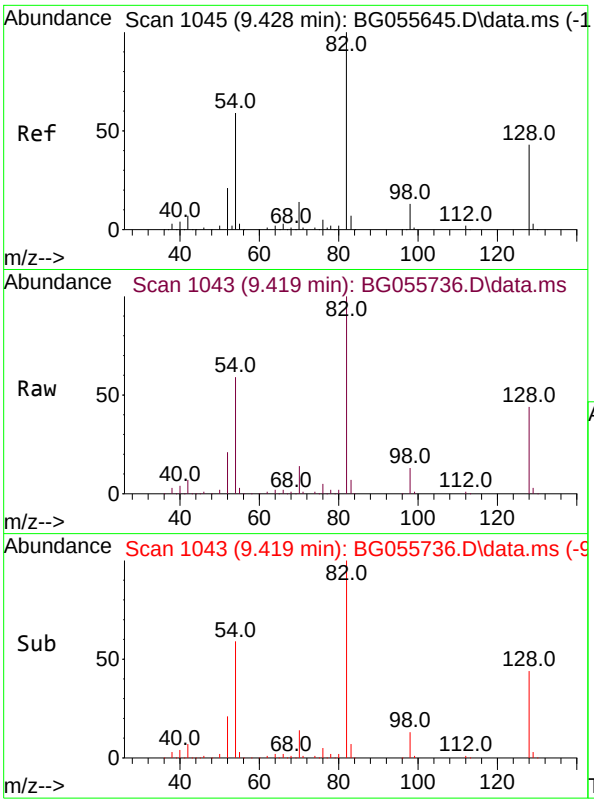


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1325
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:136 Resp: 215475

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.6	7.8	11.6
68	5.4	5.0	7.4



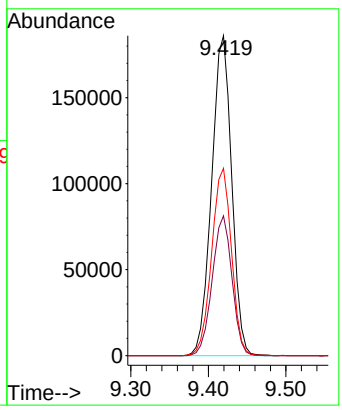


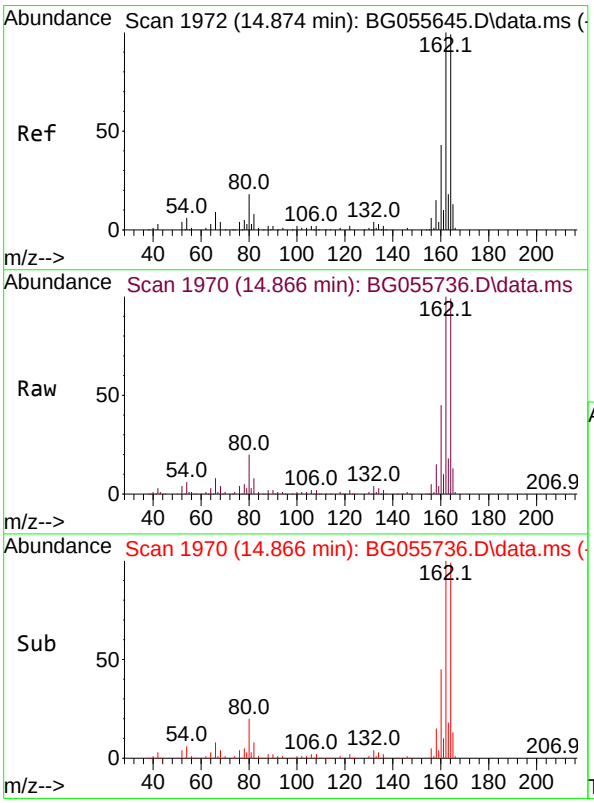
#23
Nitrobenzene-d5
Concen: 81.827 ng
RT: 9.419 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion: 82 Resp: 333585

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.1	51.1
54	58.5	47.3	70.9

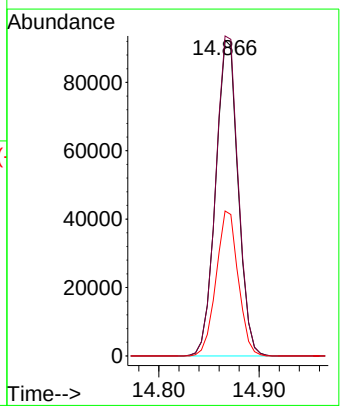


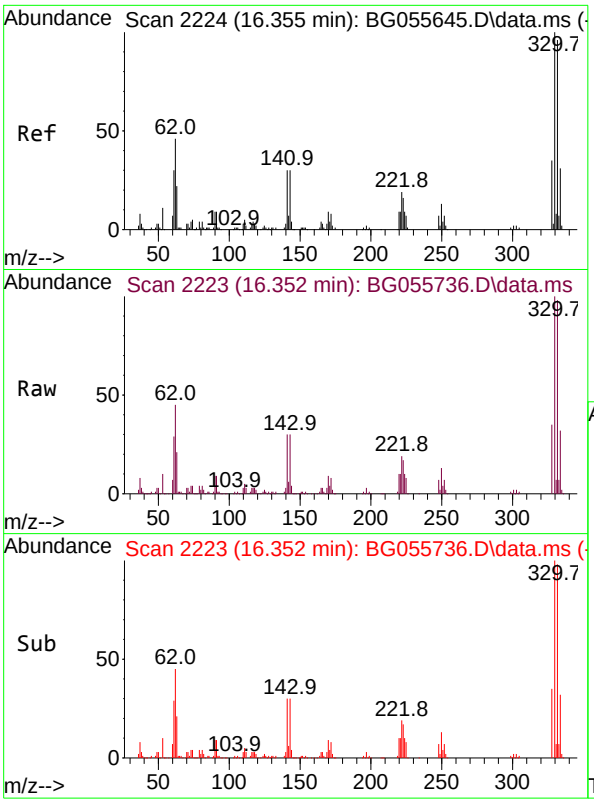


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1970
Delta R.T. -0.002 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:164 Resp: 143537

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	45.9	34.8	52.2



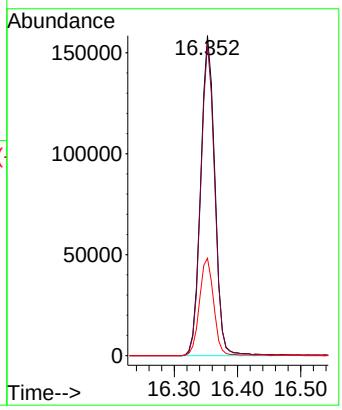


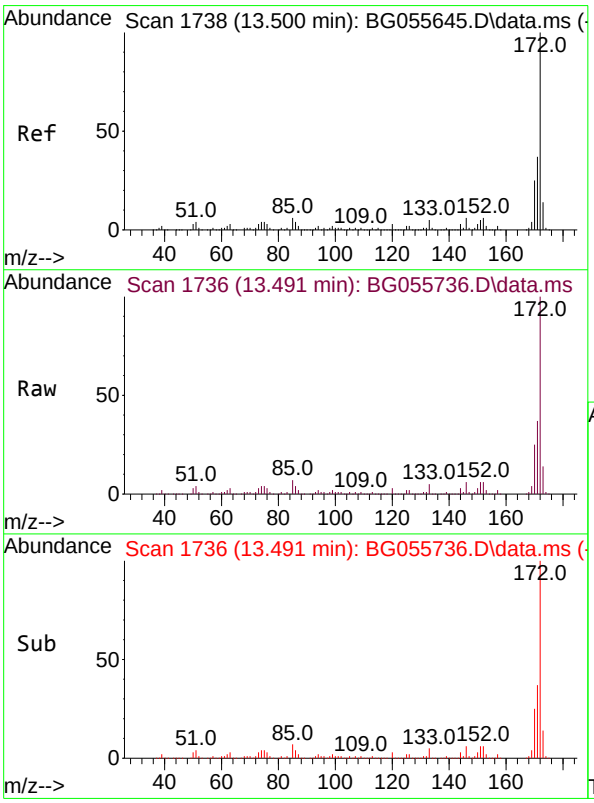
#42
2,4,6-Tribromophenol
Concen: 122.134 ng
RT: 16.352 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:330 Resp: 246856

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.8
141	30.6	23.9	35.9

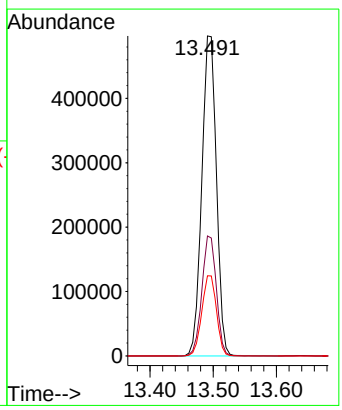


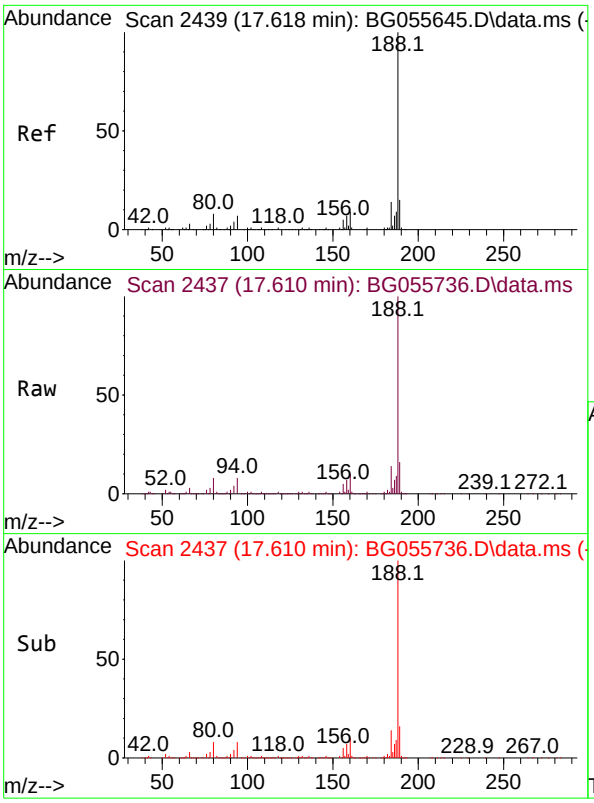


#45
2-Fluorobiphenyl
Concen: 83.155 ng
RT: 13.491 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:172 Resp: 796720

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.0	20.2	30.4



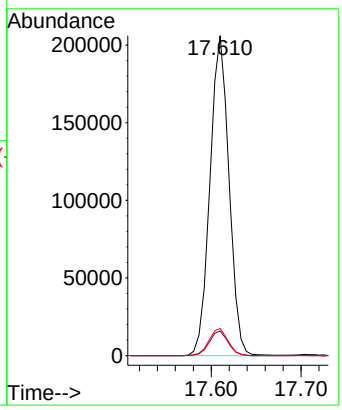


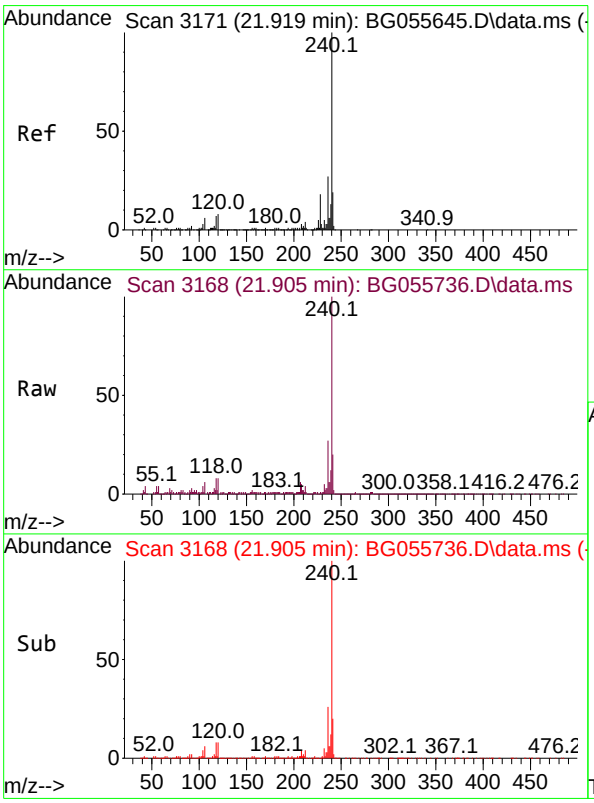
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:188 Resp: 304679

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.4	8.2
80	8.5	6.6	10.0

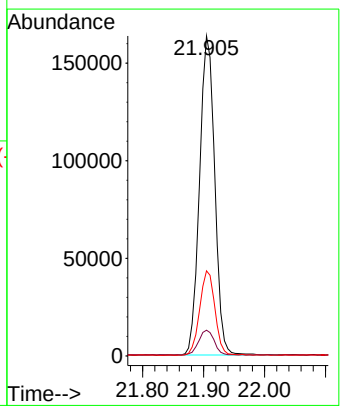


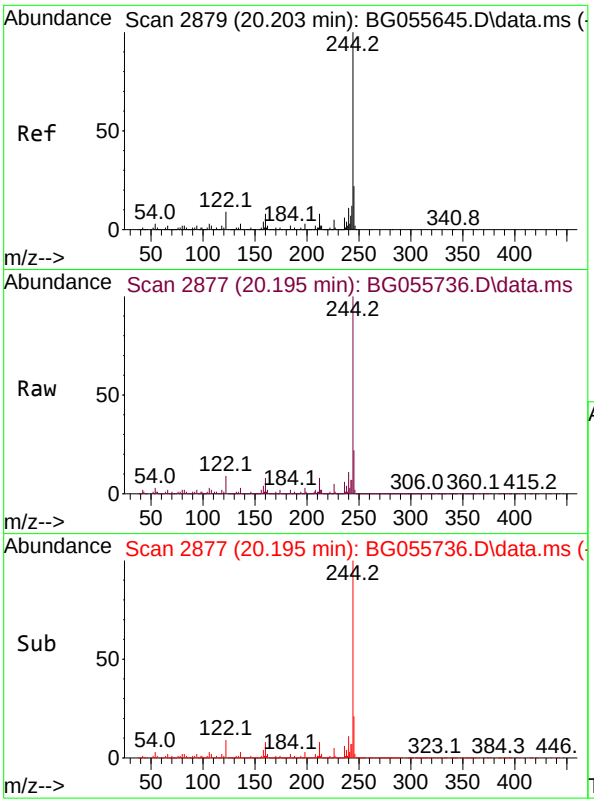


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.905 min Scan# 3168
Delta R.T. -0.002 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:240 Resp: 283301

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.3	9.5
236	26.6	21.9	32.9



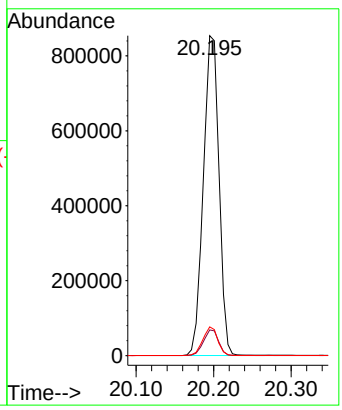


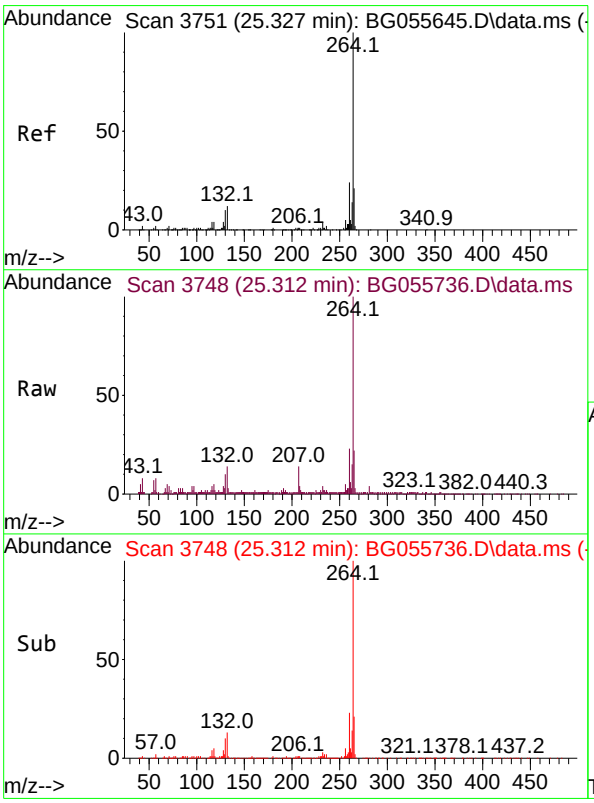
#79
Terphenyl-d14
Concen: 84.527 ng
RT: 20.195 min Scan# 28
Delta R.T. 0.004 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:244 Resp: 1197256

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	9.0	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.312 min Scan# 3748
Delta R.T. 0.010 min
Lab File: BG055736.D
Acq: 22 Nov 2022 12:12

Tgt Ion:264 Resp: 283011

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	17.1	25.7