Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
Data File : BG055531.D
Acq On : 9 Nov 2022 20:11
Operator : CG/JU
Sample : N5360-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:31:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	58398	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	240214	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	163766	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	376819	20.000	ng	0.00
76) Chrysene-d12	21.921	240	363355	20.000	ng	0.00
86) Perylene-d12	25.341	264	377182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	121647	39.677	ng	0.00
7) Phenol-d6	7.397	99	147930	34.930	ng	0.00
23) Nitrobenzene-d5	9.436	82	273230	77.109	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	126316	79.053	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	637971	58.761	ng	0.00
79) Terphenyl-d14	20.211	244	454021	25.097	ng	0.00
Target Compounds						Qvalue

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

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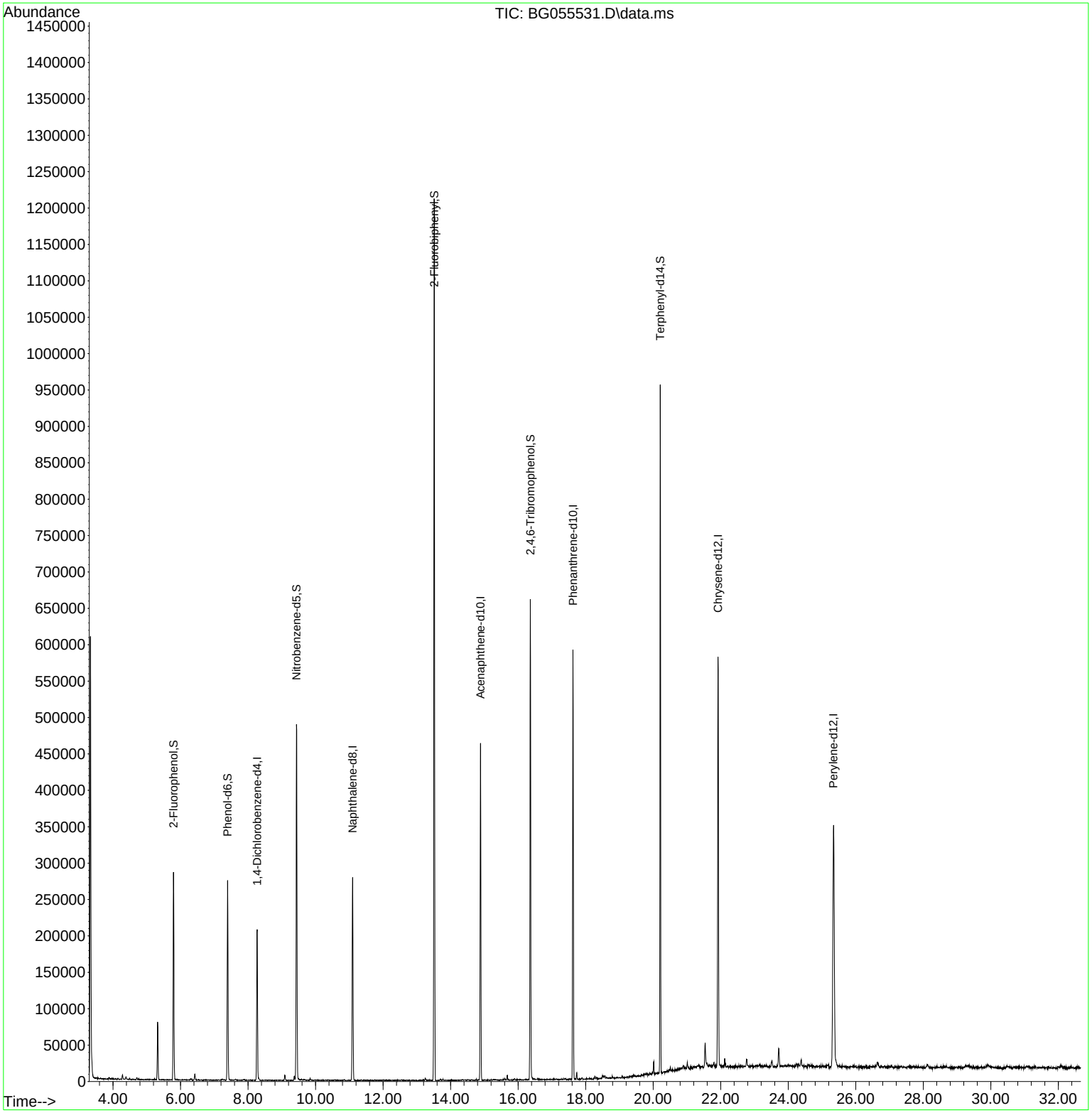
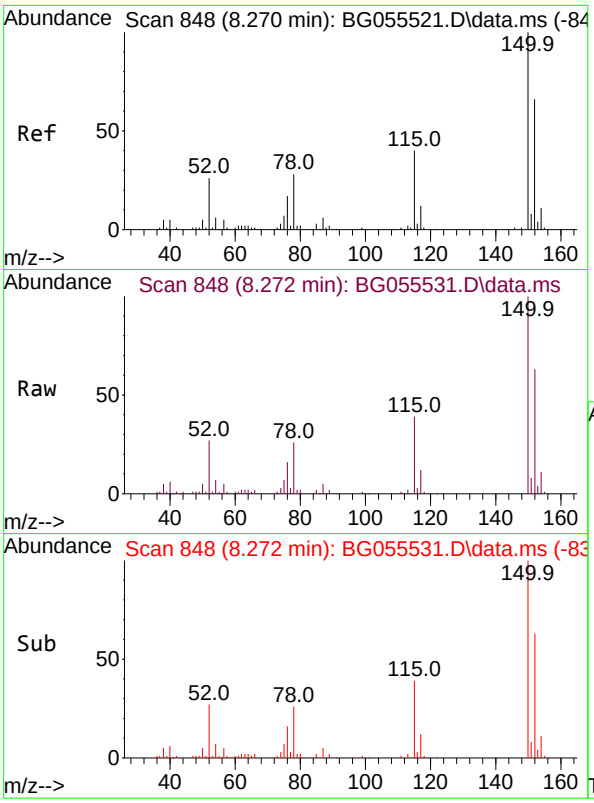


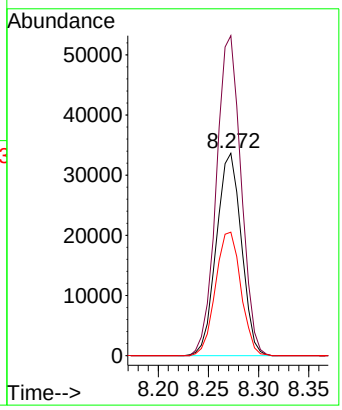


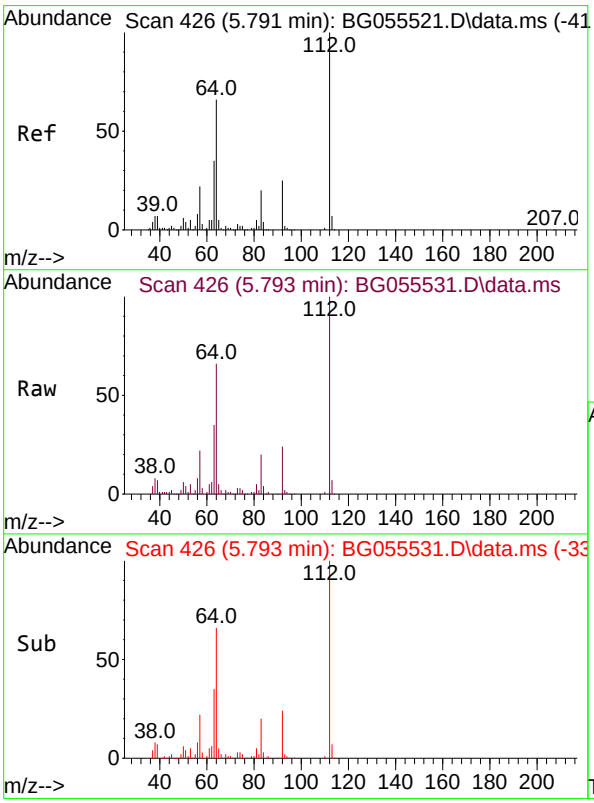
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion:152 Resp: 58398

Ion	Ratio	Lower	Upper
152	100		
150	158.1	121.0	181.4
115	61.0	47.8	71.8

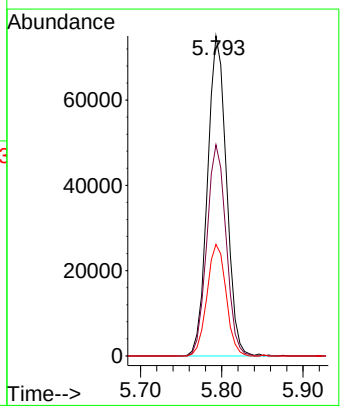


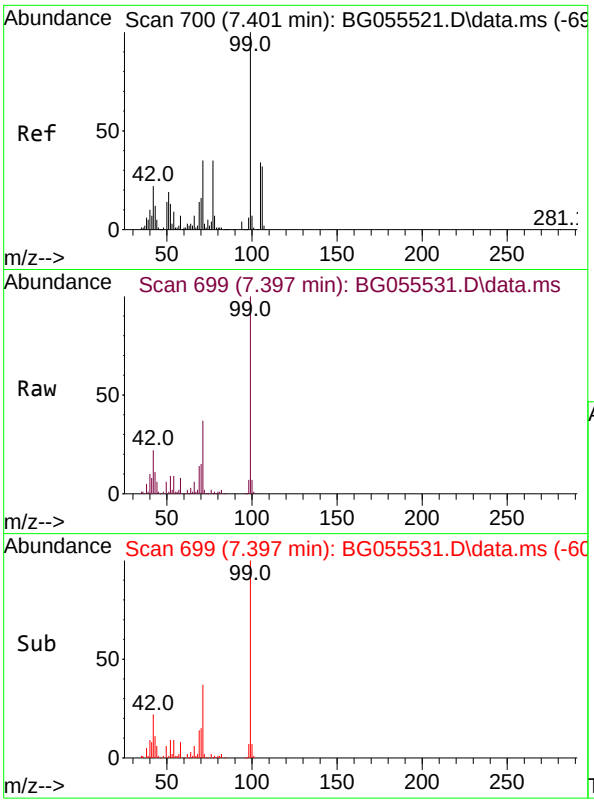


#5
2-Fluorophenol
Concen: 39.677 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Tgt Ion:112 Resp: 121647

Ion	Ratio	Lower	Upper
112	100		
64	66.0	52.6	78.8
63	34.8	28.3	42.5



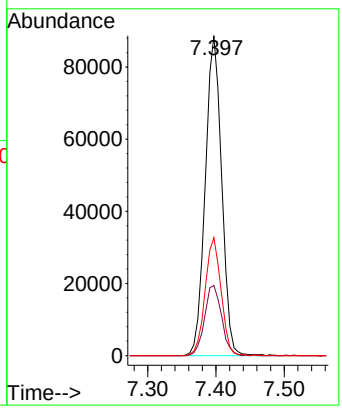


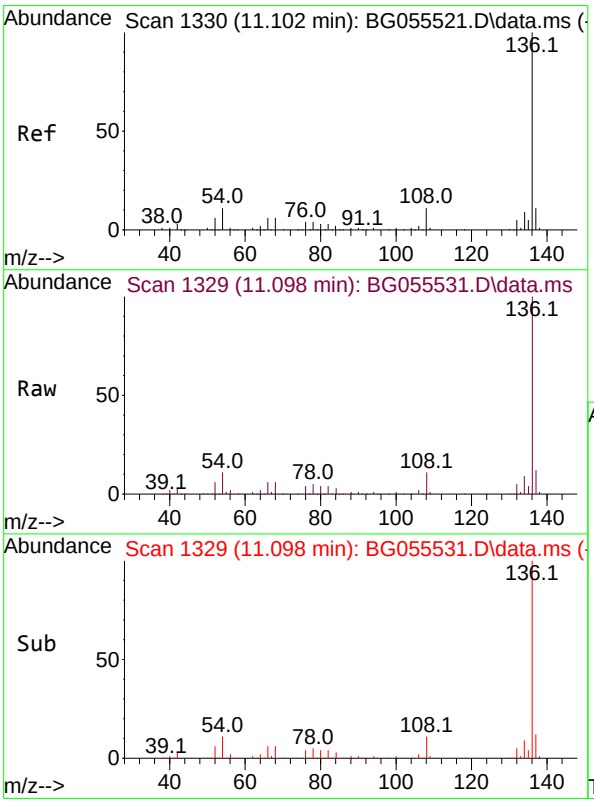
#7
Phenol-d6
Concen: 34.930 ng
RT: 7.397 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion: 99 Resp: 147930

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.5	26.3
71	36.9	28.3	42.5

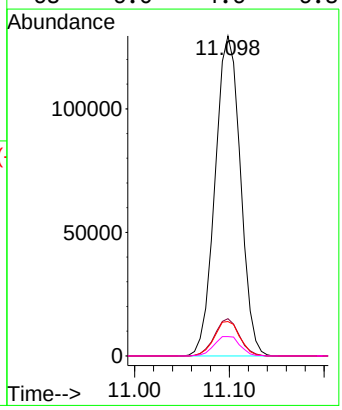


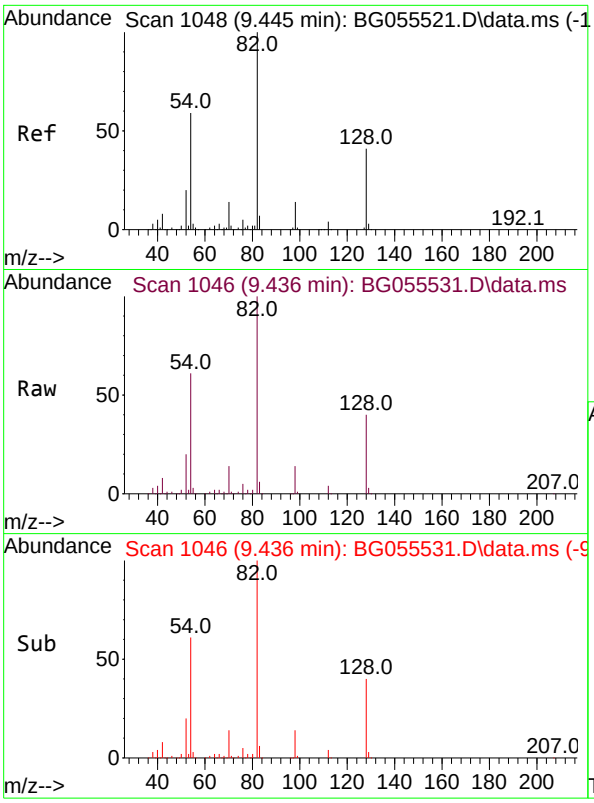


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.098 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Tgt Ion:136 Resp: 240214

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	10.7	8.6	12.8
68	6.0	4.6	6.8



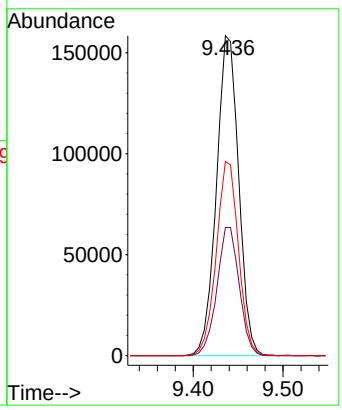


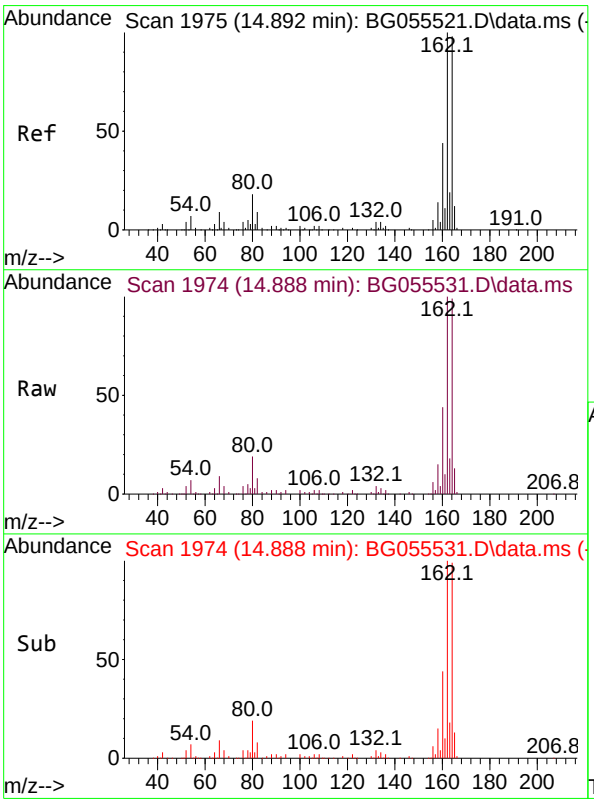
#23
Nitrobenzene-d5
Concen: 77.109 ng
RT: 9.436 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion: 82 Resp: 273230

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	49.0
54	60.6	47.3	70.9

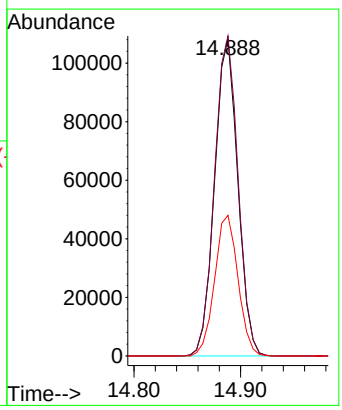


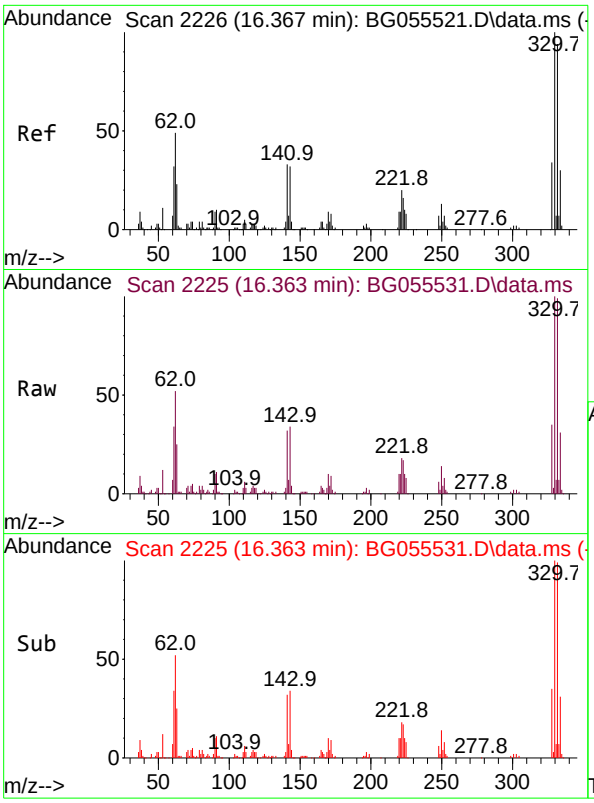


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Tgt Ion:164 Resp: 163766

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.3	35.9	53.9



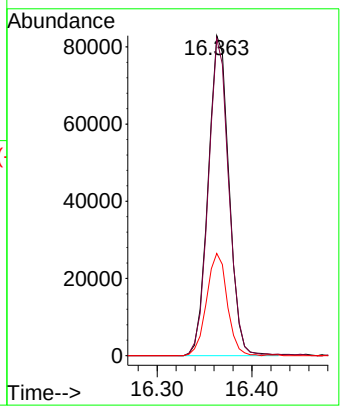


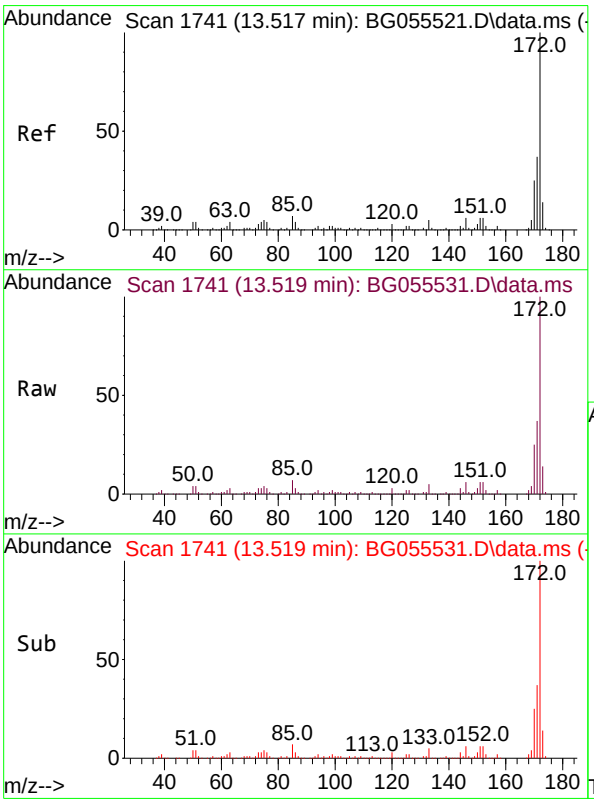
#42
2,4,6-Tribromophenol
Concen: 79.053 ng
RT: 16.363 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion:330 Resp: 126316

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	31.7	25.4	38.2

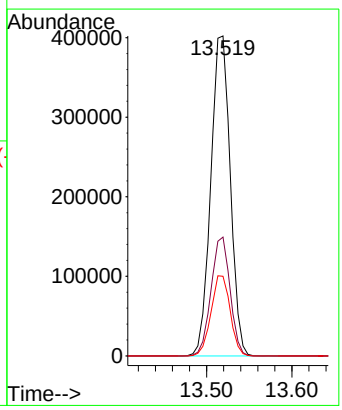


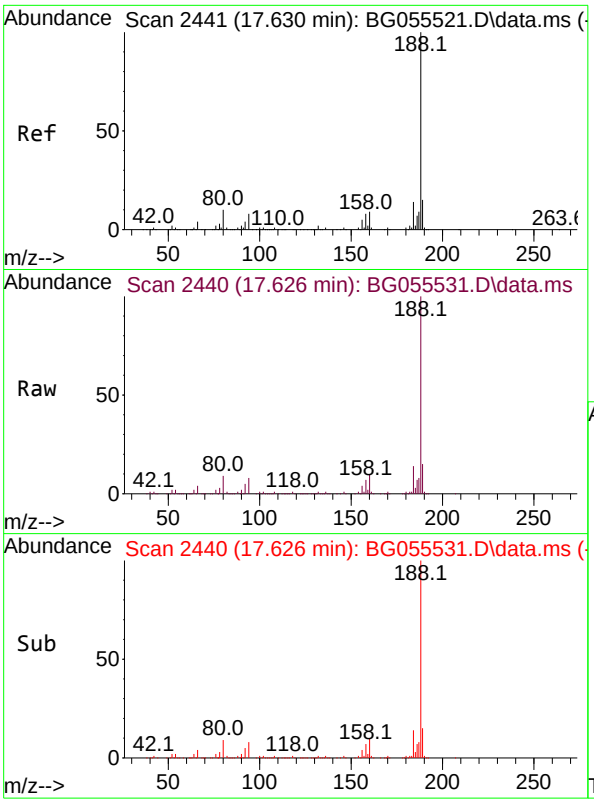


#45
2-Fluorobiphenyl
Concen: 58.761 ng
RT: 13.519 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Tgt Ion:172 Resp: 637971

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.8	29.6



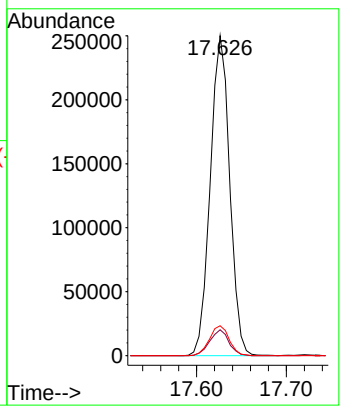


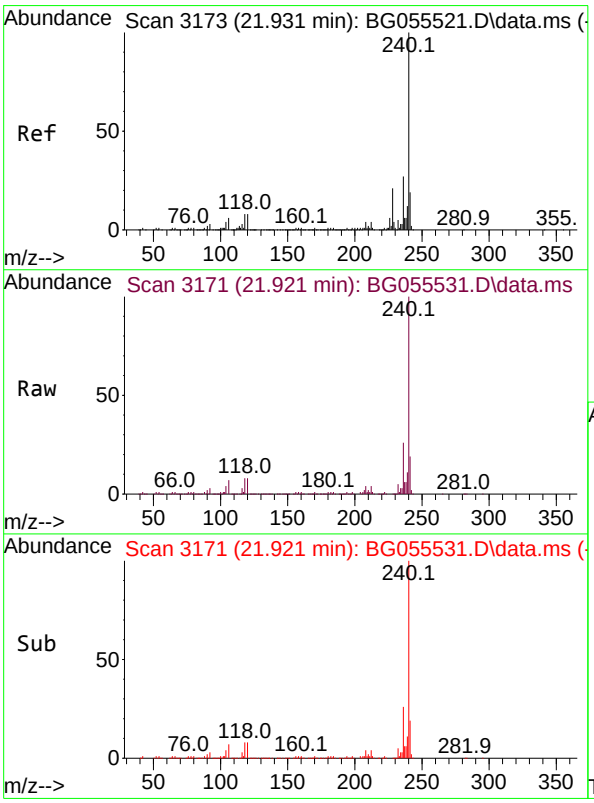
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion:188 Resp: 376819

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	9.3	7.6	11.4

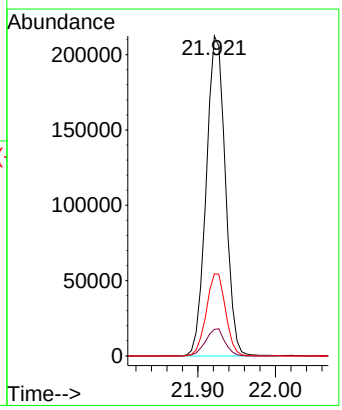


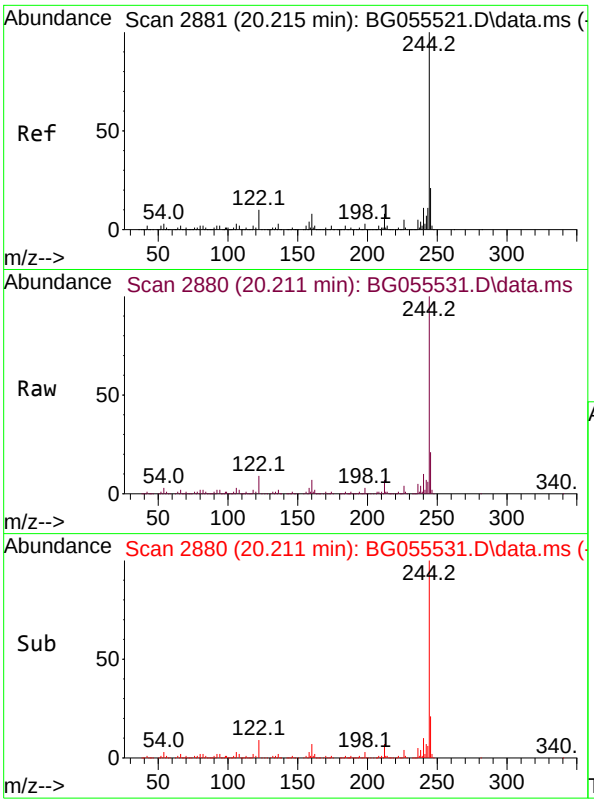


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Tgt Ion:240 Resp: 363355

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.1	9.1
236	25.6	21.4	32.0



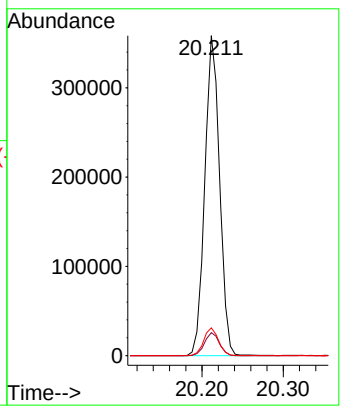


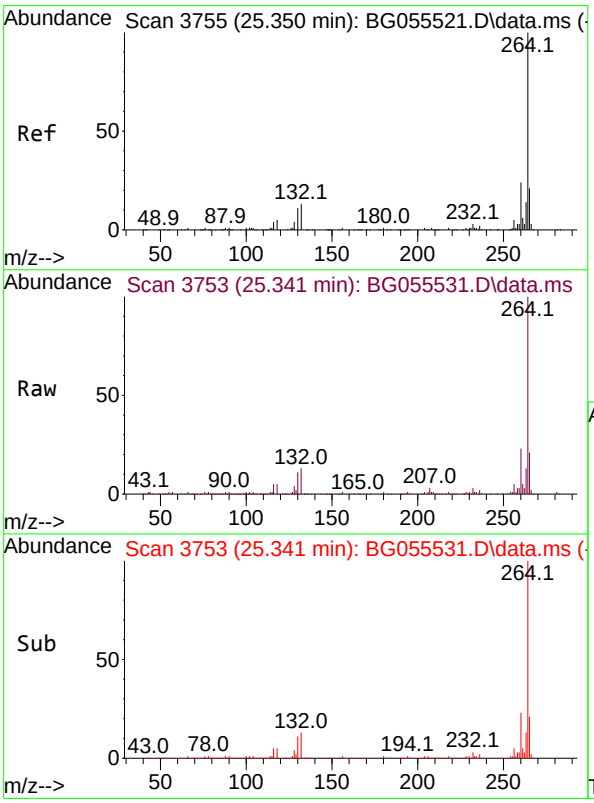
#79
Terphenyl-d14
Concen: 25.097 ng
RT: 20.211 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Instrument :
BNA_G
ClientSampleId :
20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion:244 Resp: 454021

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.7	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.341 min Scan# 3753
Delta R.T. -0.009 min
Lab File: BG055531.D
Acq: 9 Nov 2022 20:11

Tgt Ion:264 Resp: 377182

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.1	25.7