Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055892.D
Acq On : 5 Dec 2022 19:52
Operator : CG/JU
Sample : N5857-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Quant Time: Dec 06 04:48:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	28361	20.000	ng	0.00
21) Naphthalene-d8	11.002	136	127512	20.000	ng	0.00
39) Acenaphthene-d10	14.803	164	95824	20.000	ng	0.00
64) Phenanthrene-d10	17.541	188	229237	20.000	ng	0.00
76) Chrysene-d12	21.825	240	222887	20.000	ng	-0.01
86) Perylene-d12	25.174	264	230197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	90234	57.508	ng	0.00
7) Phenol-d6	7.324	99	75563	36.178	ng	0.00
23) Nitrobenzene-d5	9.345	82	196957	81.640	ng	0.00
42) 2,4,6-Tribromophenol	16.290	330	167271	123.966	ng	0.00
45) 2-Fluorobiphenyl	13.429	172	513958	80.353	ng	0.00
79) Terphenyl-d14	20.132	244	549268	49.290	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.481	149	1085394	80.896	ng	98

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

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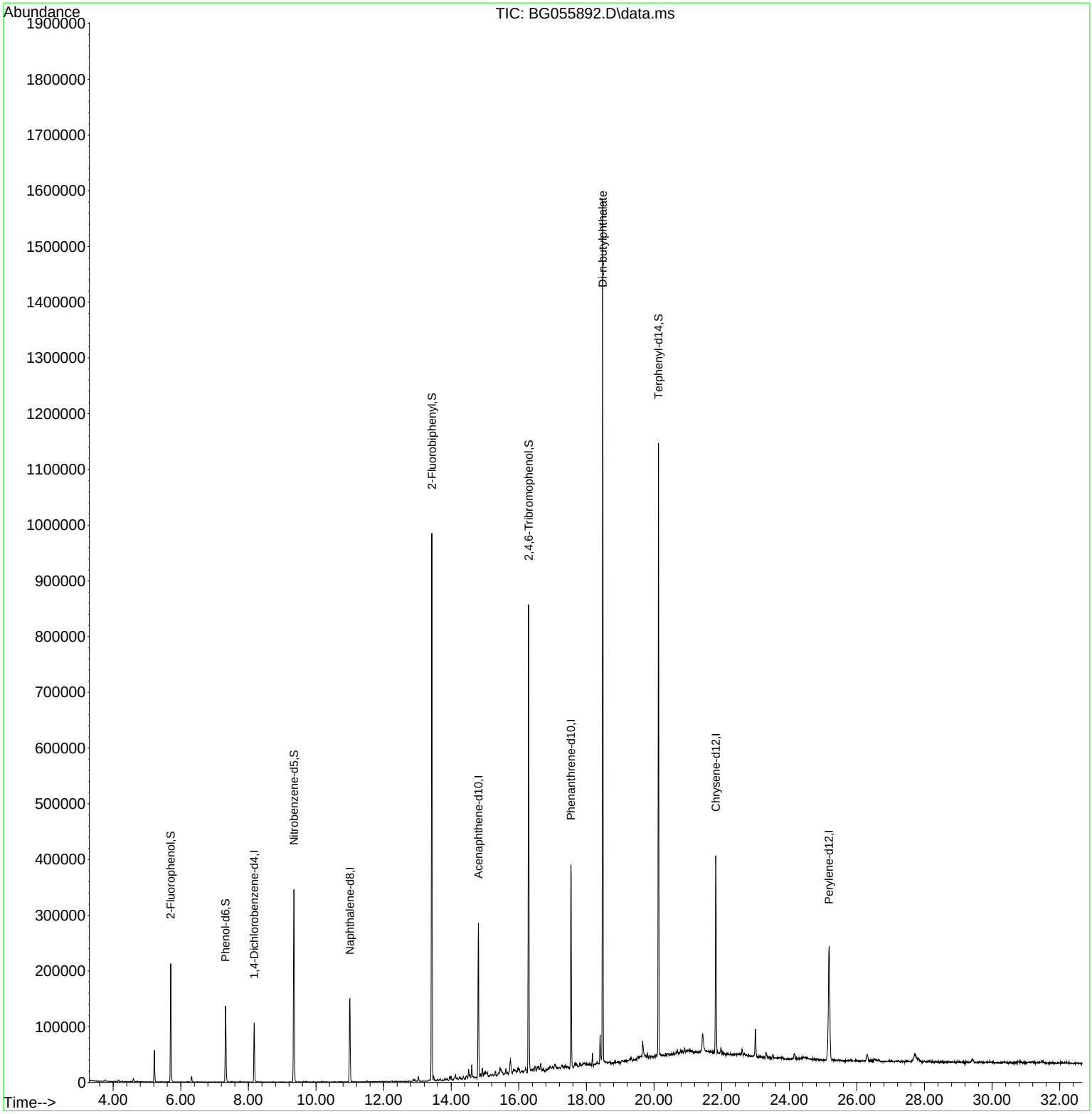
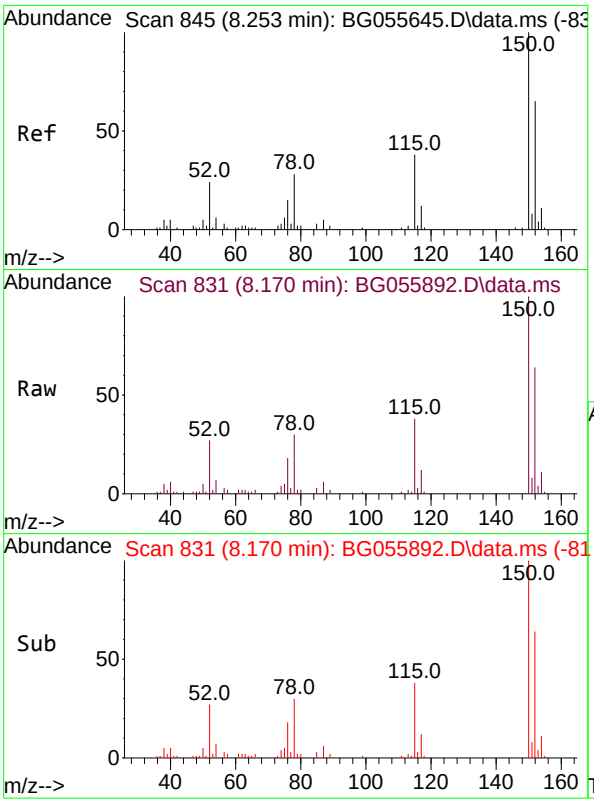


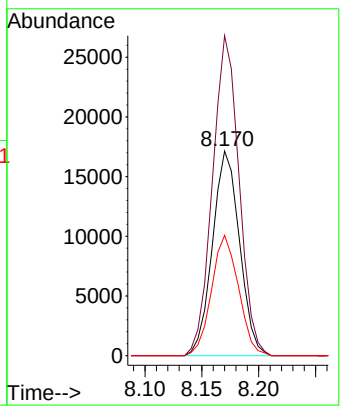


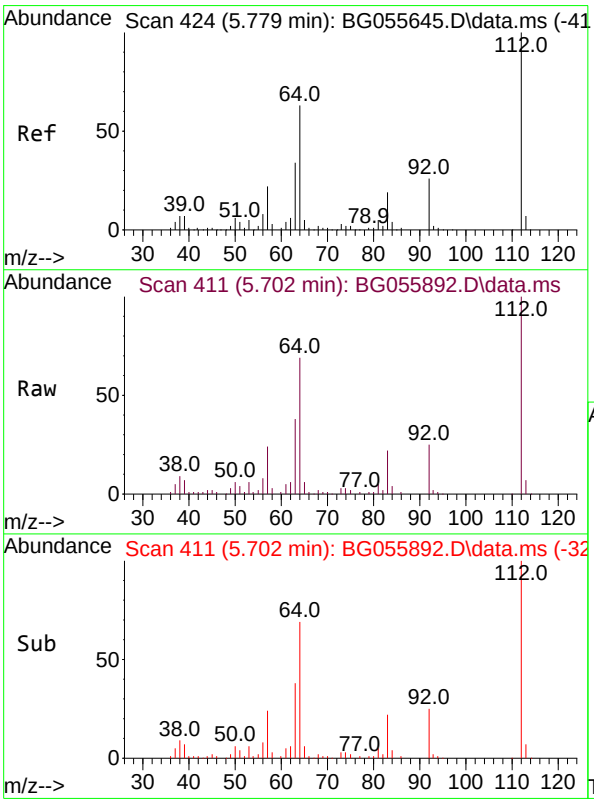
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion:152 Resp: 28361

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.0	184.6
115	58.8	47.0	70.4

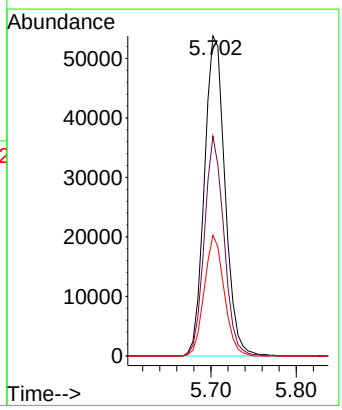


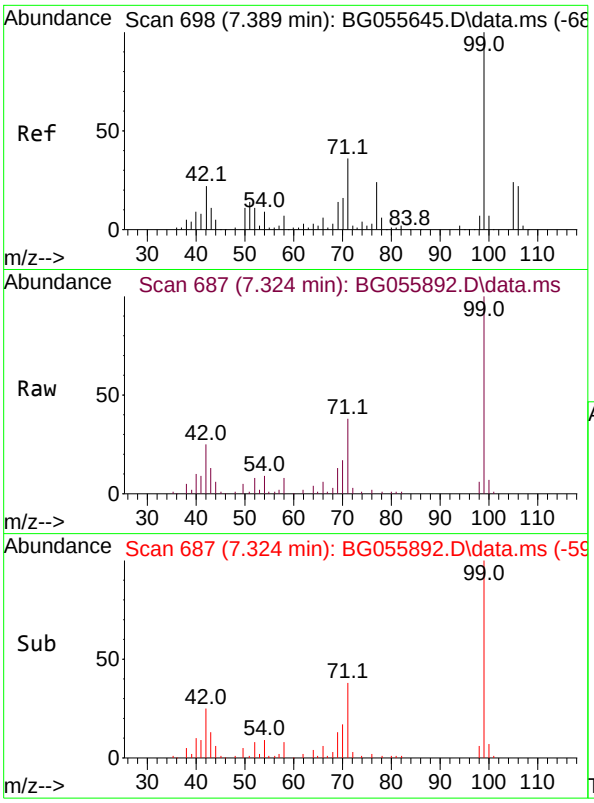


#5
2-Fluorophenol
Concen: 57.508 ng
RT: 5.702 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Tgt Ion:112 Resp: 90234

Ion	Ratio	Lower	Upper
112	100		
64	68.7	50.6	76.0
63	37.7	27.5	41.3



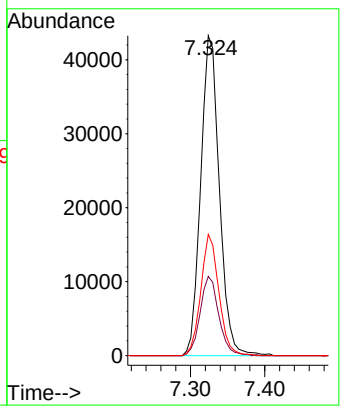


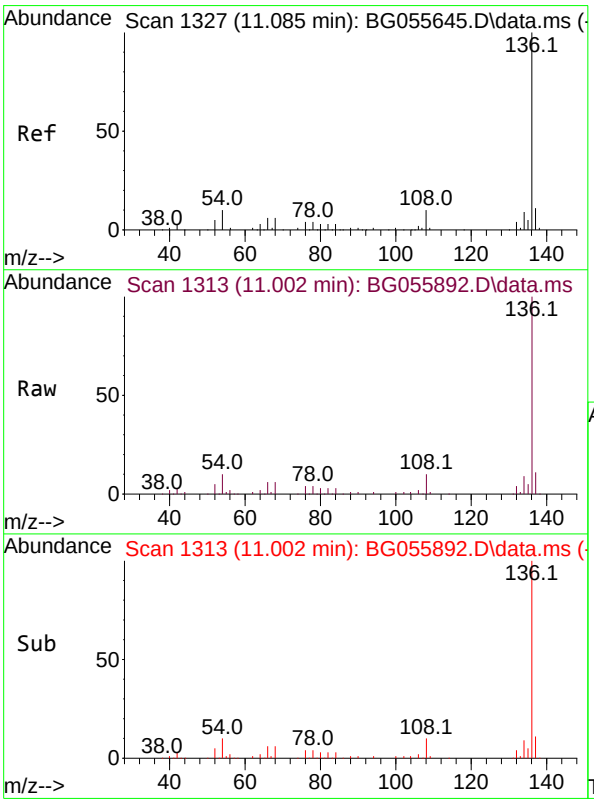
#7
Phenol-d6
Concen: 36.178 ng
RT: 7.324 min Scan# 68
Delta R.T. -0.005 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion: 99 Resp: 75563

Ion	Ratio	Lower	Upper
99	100		
42	24.8	18.0	27.0
71	37.9	29.0	43.6

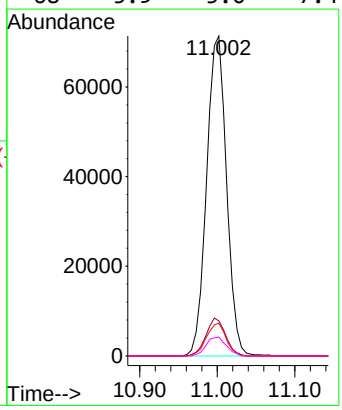


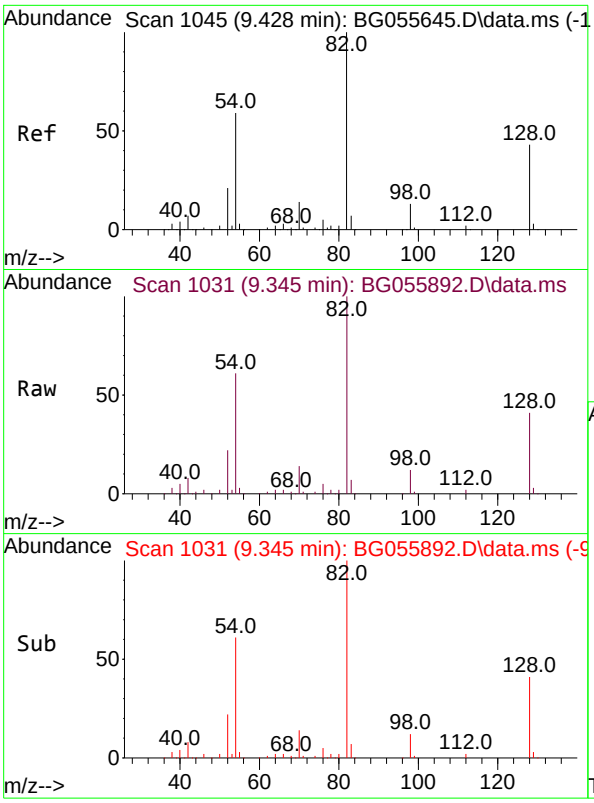


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.002 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Tgt Ion:136 Resp: 127512

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.2	7.8	11.6
68	5.9	5.0	7.4



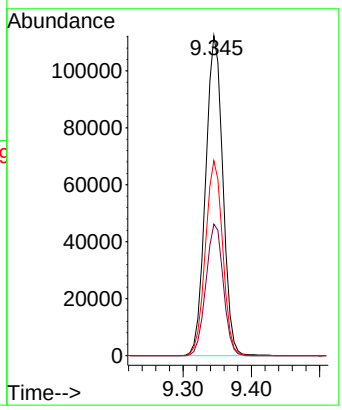


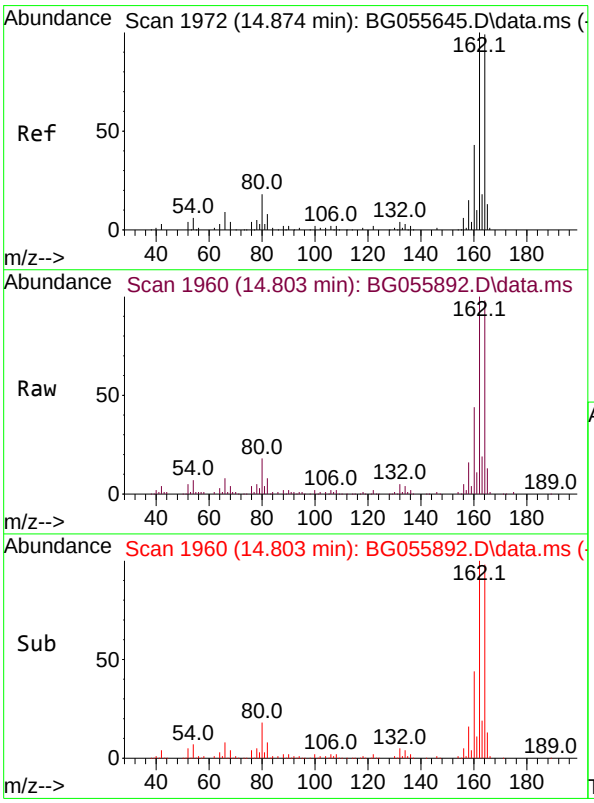
#23
Nitrobenzene-d5
Concen: 81.640 ng
RT: 9.345 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion: 82 Resp: 196957

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.1	51.1
54	60.9	47.3	70.9

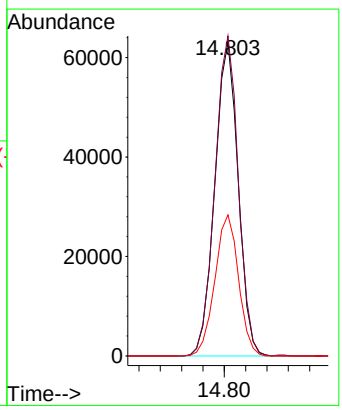


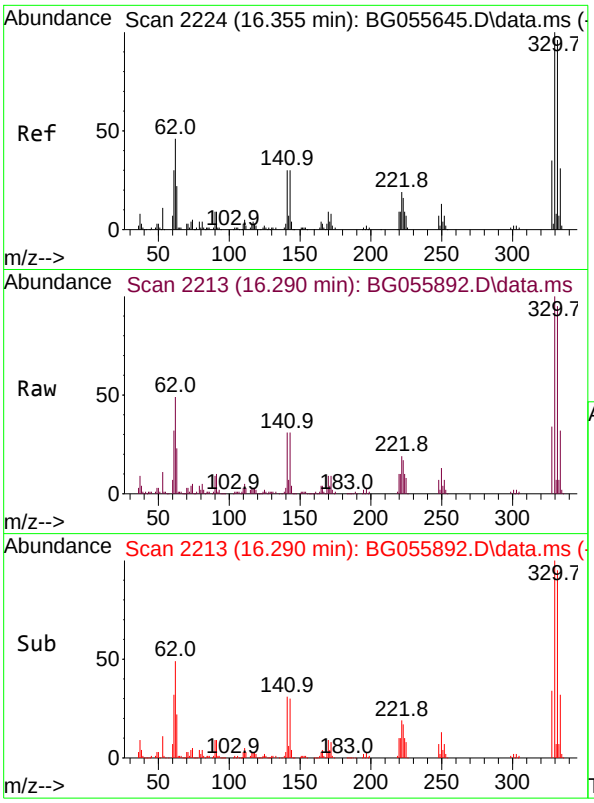


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.803 min Scan# 1960
Delta R.T. -0.005 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Tgt Ion:164 Resp: 95824

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	44.9	34.8	52.2



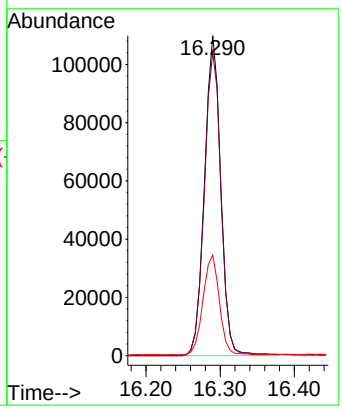


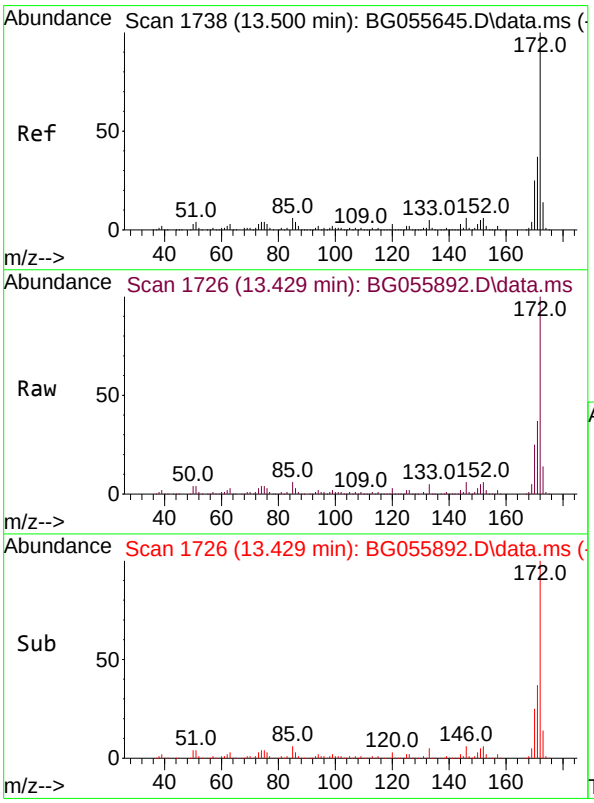
#42
2,4,6-Tribromophenol
Concen: 123.966 ng
RT: 16.290 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion:330 Resp: 167271

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.8
141	31.1	23.9	35.9

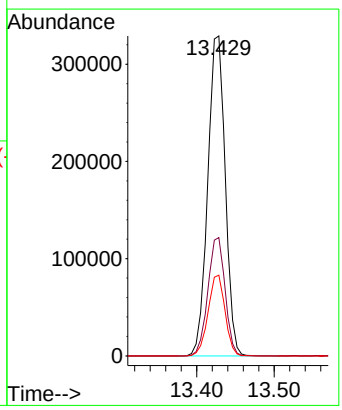


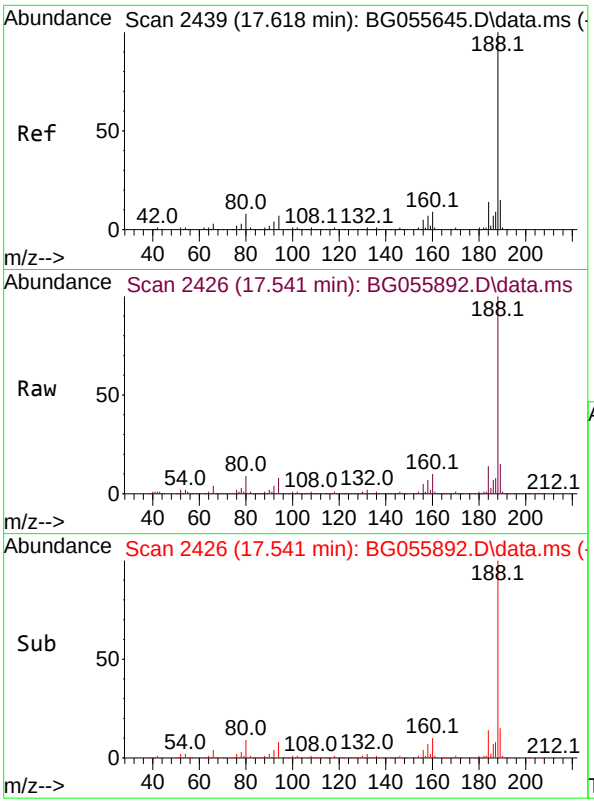


#45
2-Fluorobiphenyl
Concen: 80.353 ng
RT: 13.429 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Tgt Ion:172 Resp: 513958

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.3	20.2	30.4



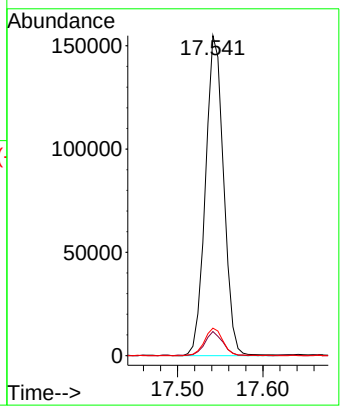


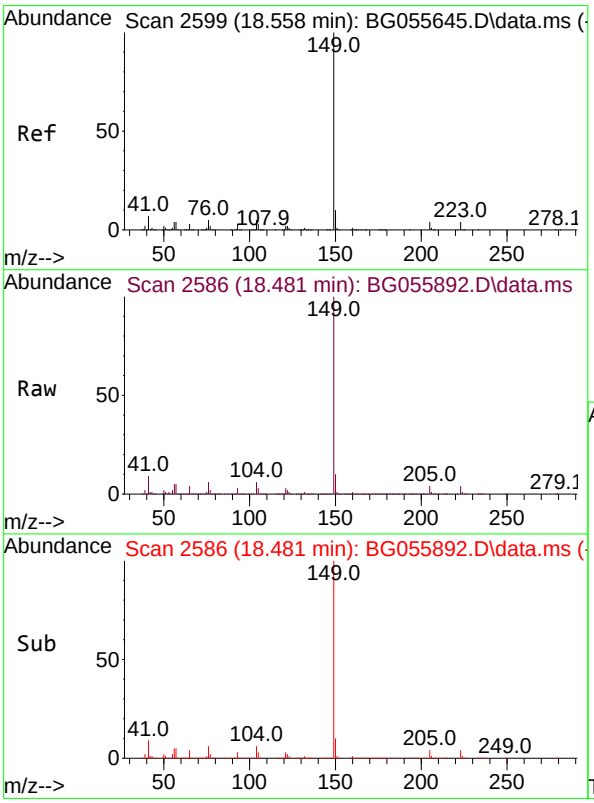
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.541 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion:188 Resp: 229237

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.4	8.2
80	8.6	6.6	10.0

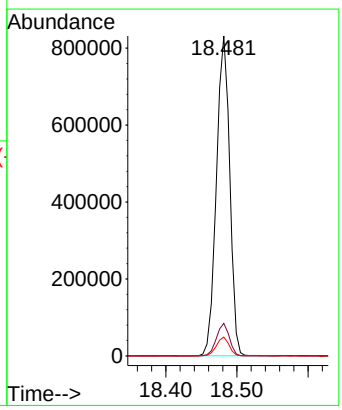


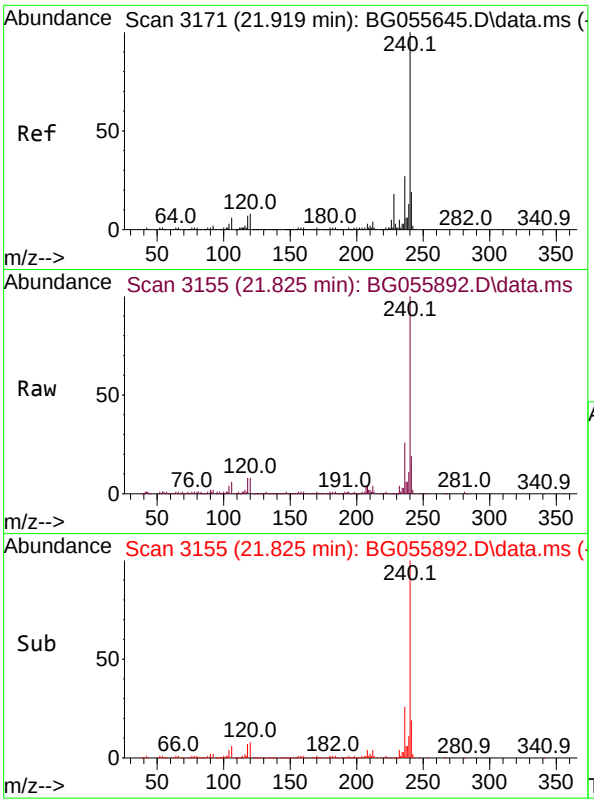


#74
Di-n-butylphthalate
Concen: 80.896 ng
RT: 18.481 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Tgt Ion:149 Resp: 1085394

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.9	4.0	6.0



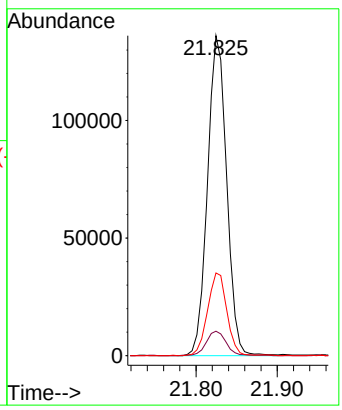


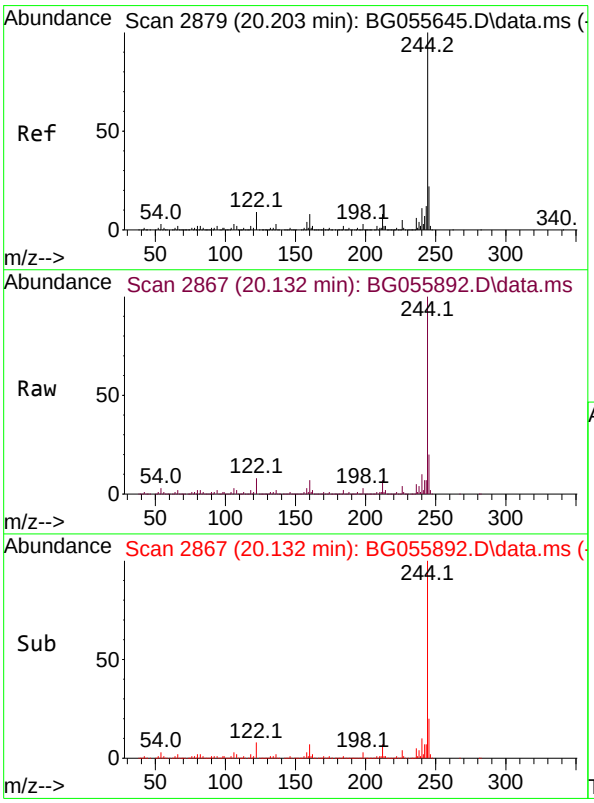
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion:240 Resp: 222887

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.3	9.5
236	25.8	21.9	32.9

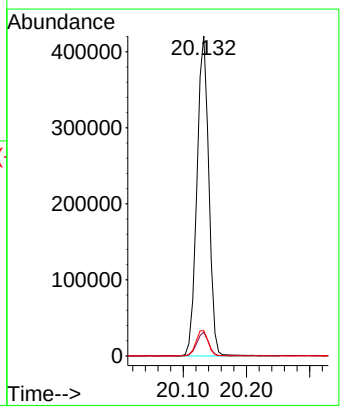


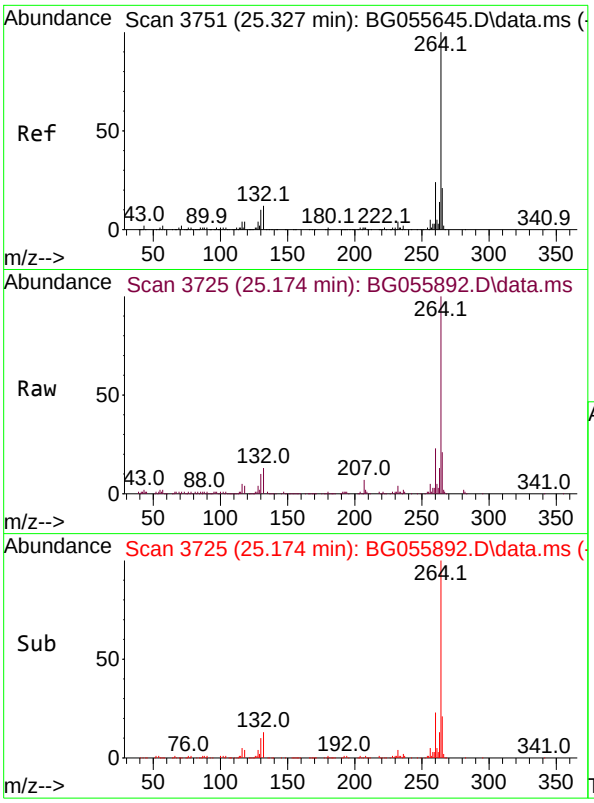


#79
Terphenyl-d14
Concen: 49.290 ng
RT: 20.132 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Tgt Ion:244 Resp: 549268

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	7.9	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055892.D
Acq: 5 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33

Tgt Ion:264 Resp: 230197

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.1	17.1	25.7