Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052444.D
Acq On : 21 Feb 2022 19:23
Operator : CG/JU
Sample : N1600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA1

Quant Time: Feb 22 00:54:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	35782	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	132529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	85641	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	172621	20.000	ng	# 0.00
76) Chrysene-d12	21.935	240	177737	20.000	ng	0.00
86) Perylene-d12	25.395	264	202016	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	207472	101.055	ng	0.00
7) Phenol-d6	7.373	99	282144	89.067	ng	0.00
23) Nitrobenzene-d5	9.394	82	201669	66.135	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	109370	88.892	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	397215	64.448	ng	0.00
79) Terphenyl-d14	20.214	244	611359	60.740	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.396	94	6573	2.088	ng	82
31) Naphthalene	11.121	128	16269	2.342	ng	# 55
37) 2-Methylnaphthalene	12.713	142	31887	6.179	ng	# 92
38) 1-Methylnaphthalene	12.930	142	26177	5.235	ng	# 96
66) n-Nitrosodiphenylamine	16.120	169	32089	6.747	ng	# 51
78) Pyrene	20.032	202	56658	4.764	ng	# 89

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

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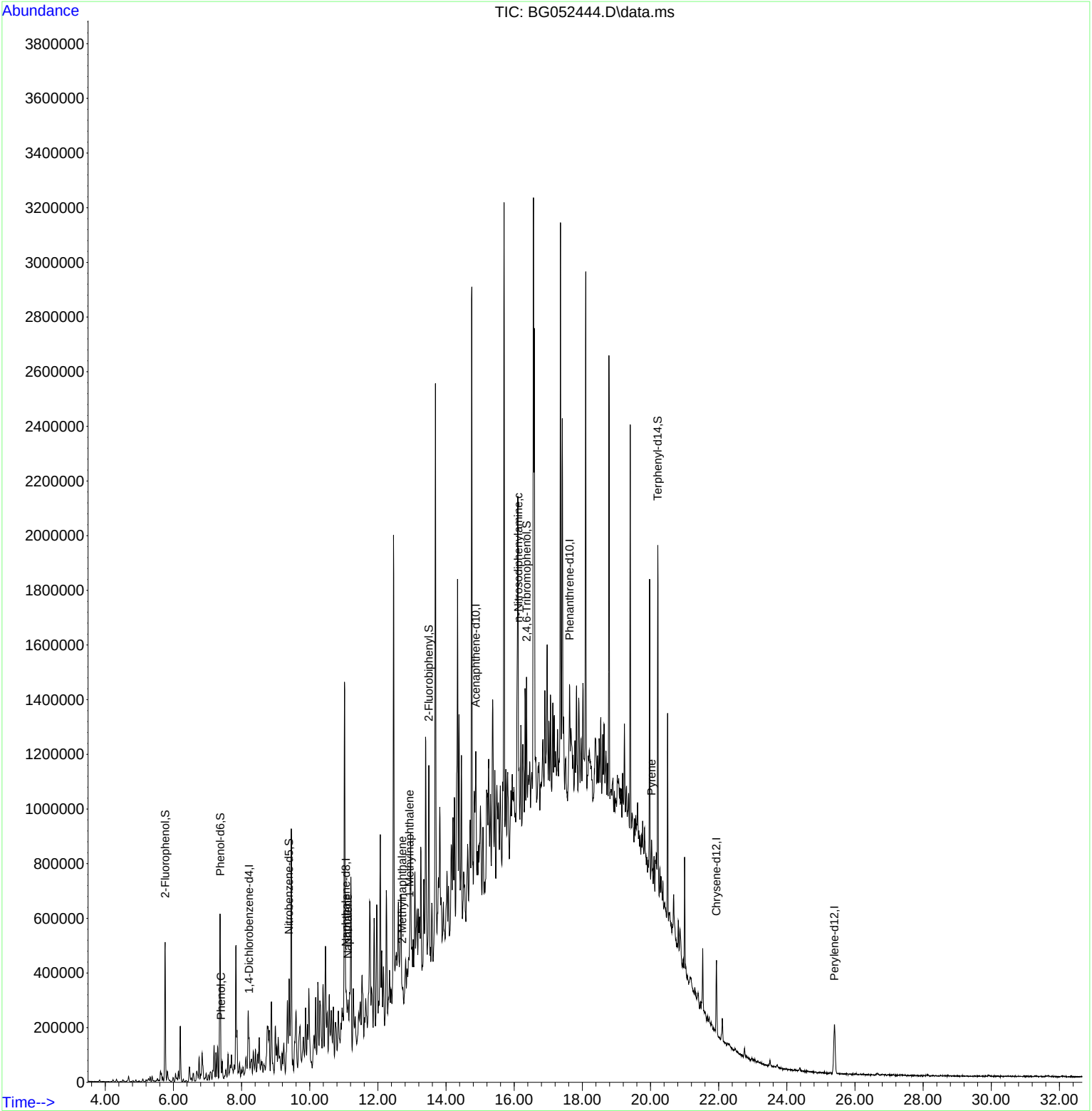
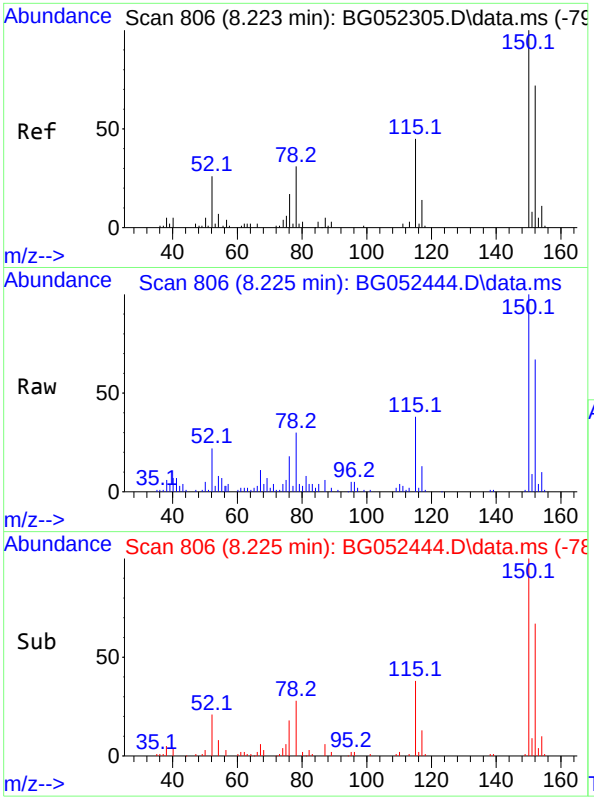


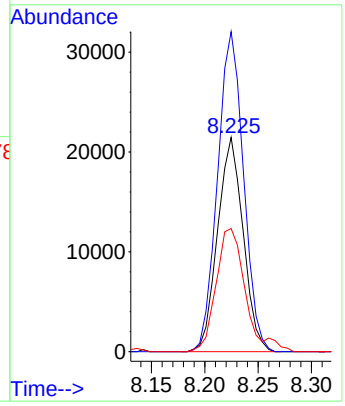


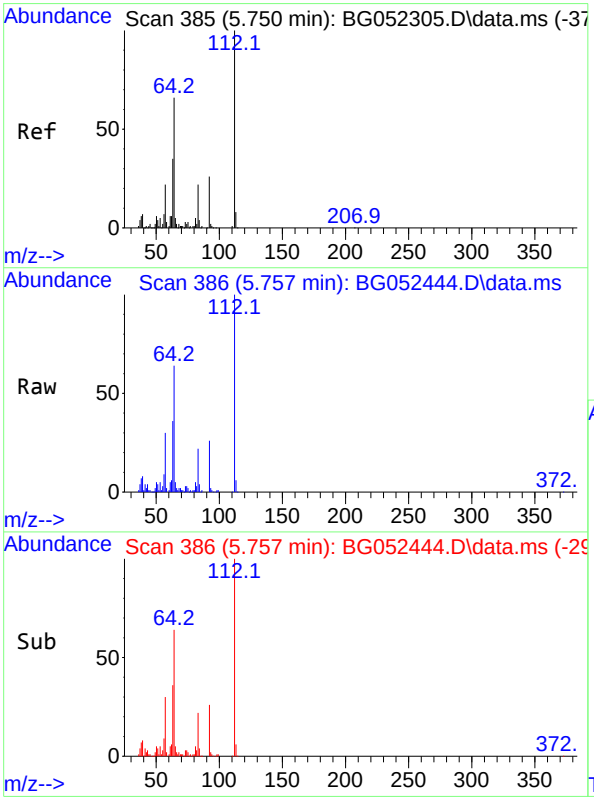
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:152 Resp: 35782

Ion	Ratio	Lower	Upper
152	100		
150	149.4	117.8	176.8
115	57.5	50.2	75.2

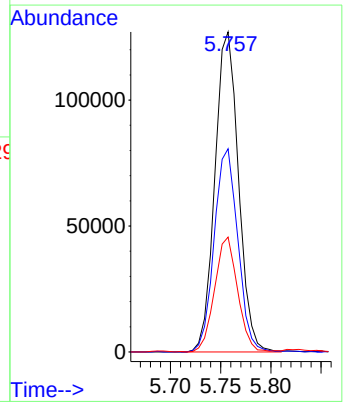


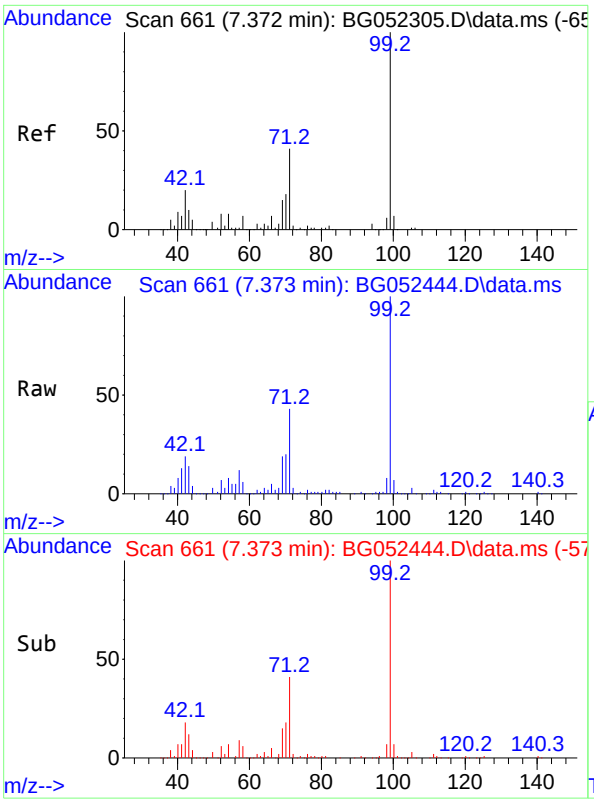


#5
2-Fluorophenol
Concen: 101.055 ng
RT: 5.757 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:112 Resp: 207472

Ion	Ratio	Lower	Upper
112	100		
64	63.5	60.4	90.6
63	35.9	33.3	49.9



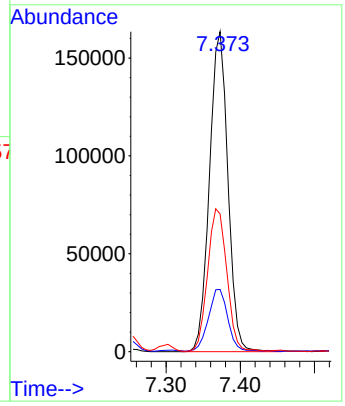


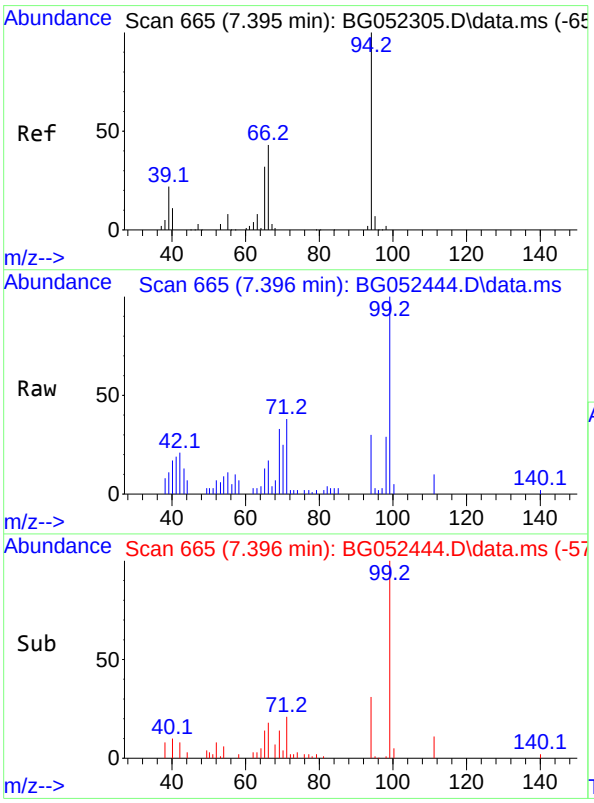
#7
Phenol-d6
Concen: 89.067 ng
RT: 7.373 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion: 99 Resp: 282144

Ion	Ratio	Lower	Upper
99	100		
42	19.4	19.1	28.7
71	43.1	33.4	50.2

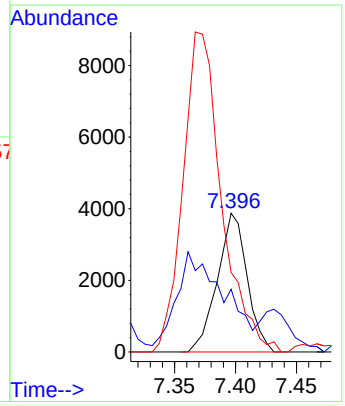


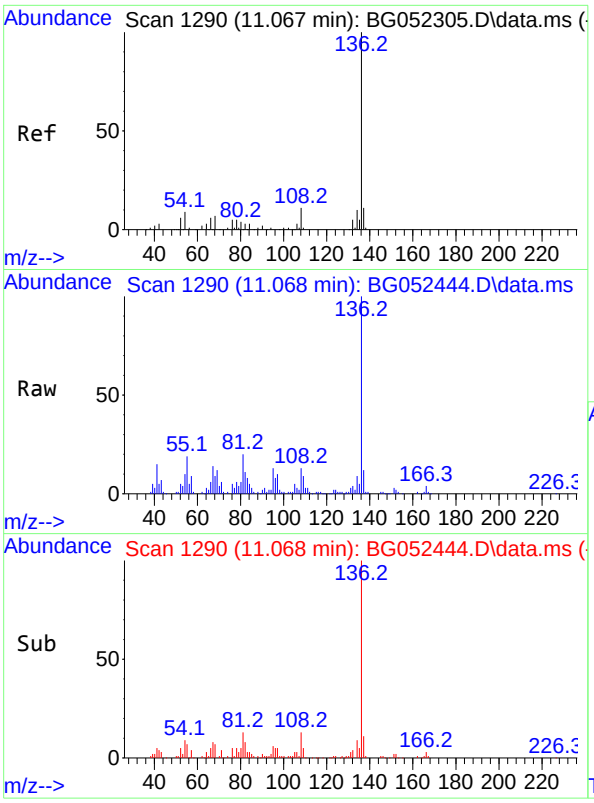


#10
Phenol
Concen: 2.088 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion: 94 Resp: 6573

Ion	Ratio	Lower	Upper
94	100		
65	45.3	14.1	54.1
66	57.3	26.6	66.6



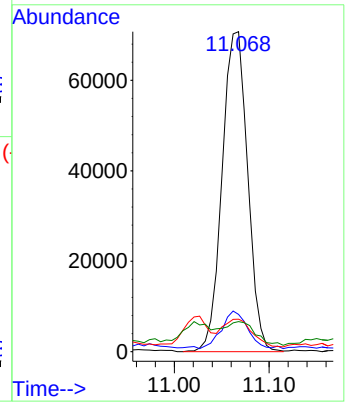


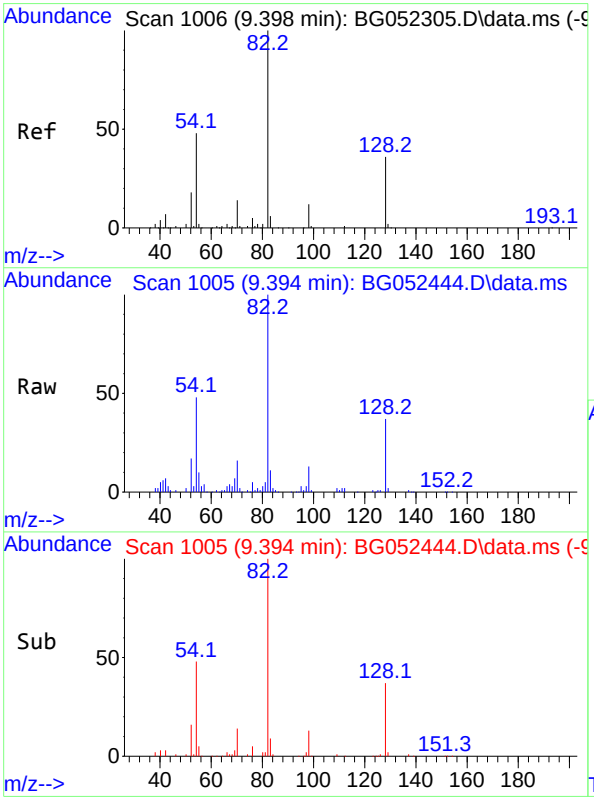
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:136 Resp: 132529

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.2	8.3	12.5
68	9.4	4.5	6.7#

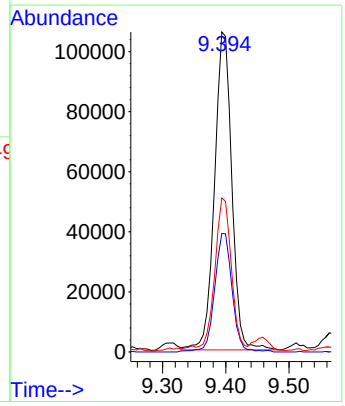


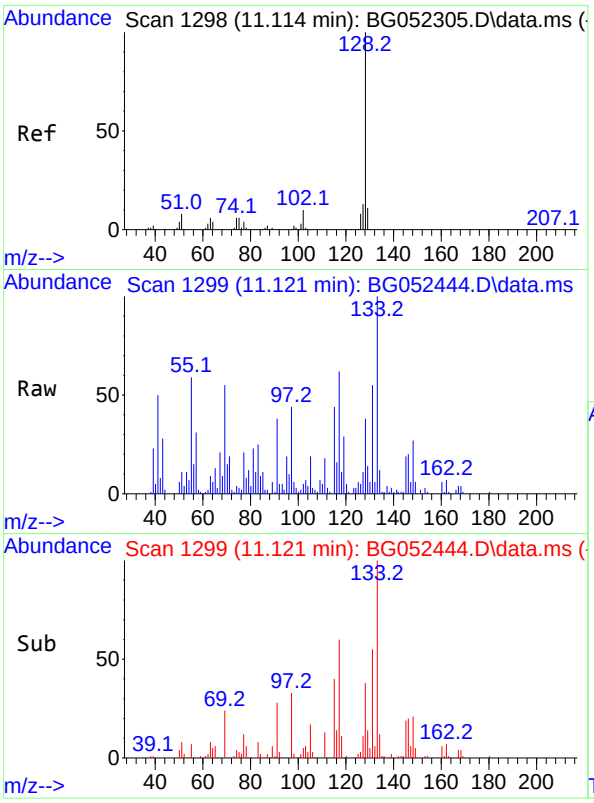


#23
Nitrobenzene-d5
Concen: 66.135 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion: 82 Resp: 201669

Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.0	40.4
54	48.1	41.0	61.6



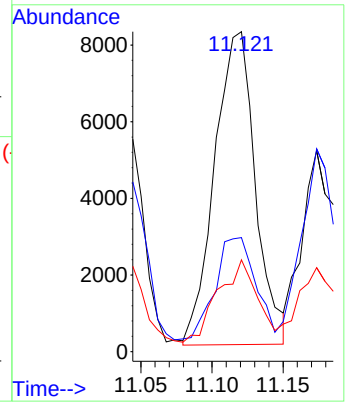


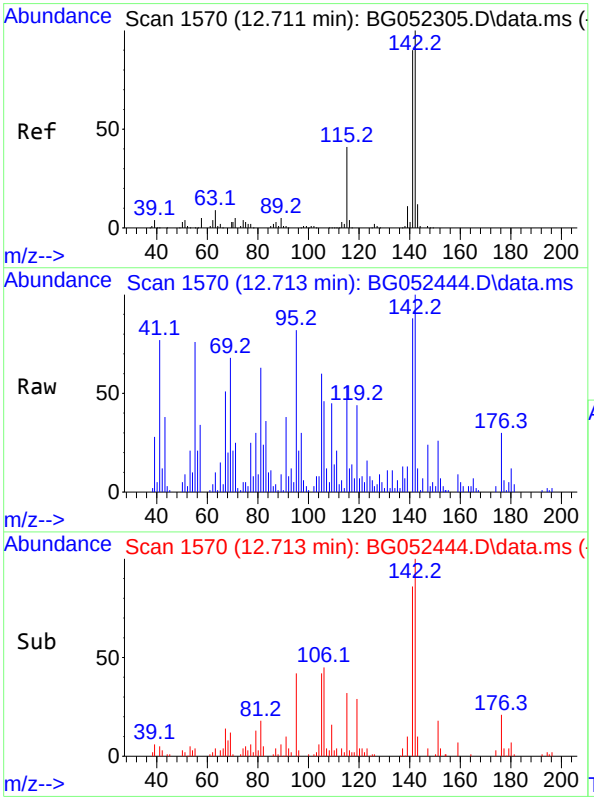
#31
Naphthalene
Concen: 2.342 ng
RT: 11.121 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:128 Resp: 16269

Ion	Ratio	Lower	Upper
128	100		
129	35.7	9.8	14.6#
127	28.7	12.0	18.0#

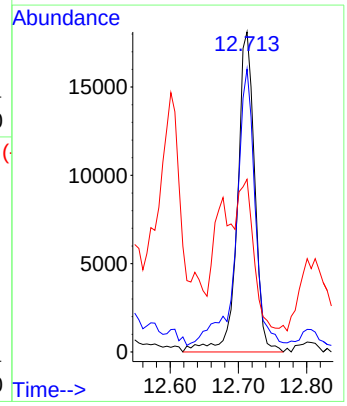


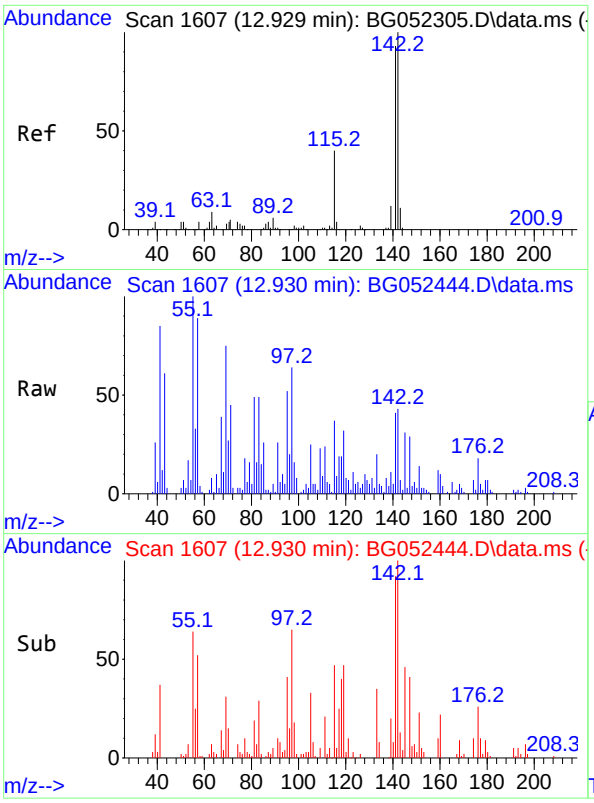


#37
2-Methylnaphthalene
Concen: 6.179 ng
RT: 12.713 min Scan# 1570
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:142 Resp: 31887

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5
115	54.0	32.2	48.4#



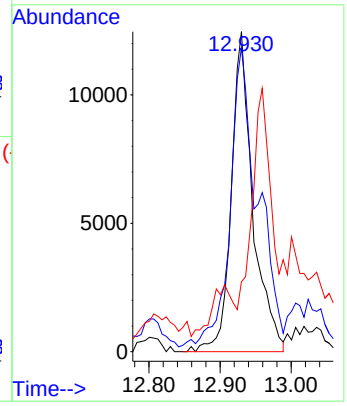


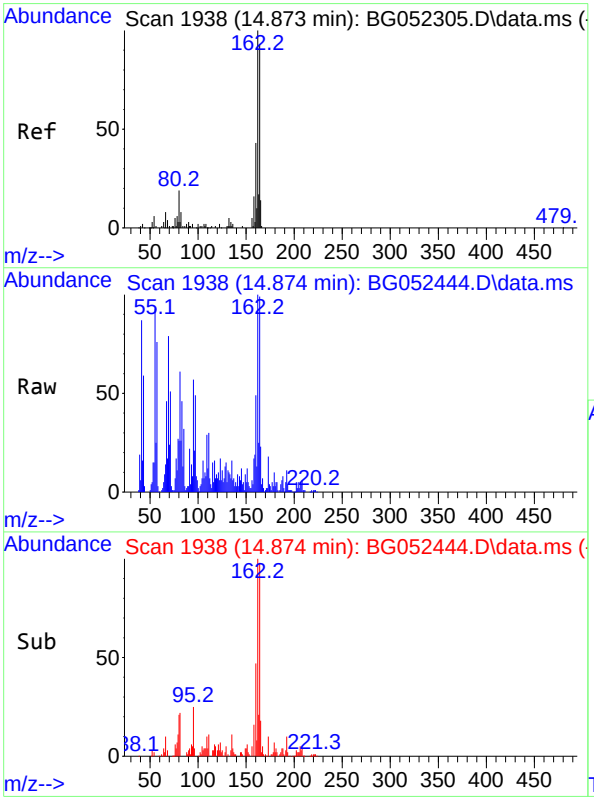
#38
1-Methylnaphthalene
Concen: 5.235 ng
RT: 12.930 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:142 Resp: 26177

Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.0	112.4
116	21.9	4.2	6.4#

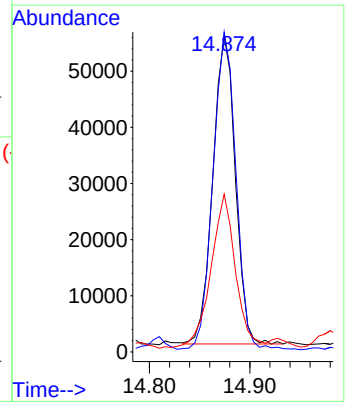


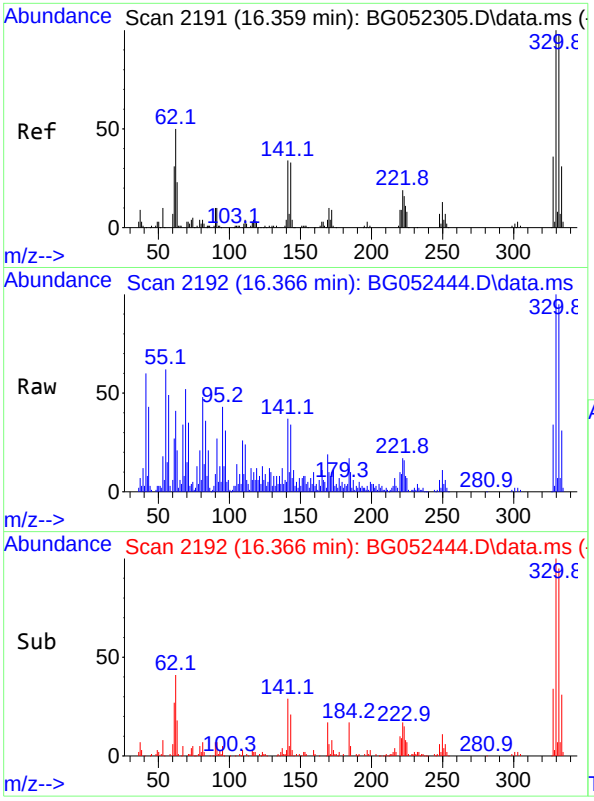


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:164 Resp: 85641

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	49.9	36.2	54.2



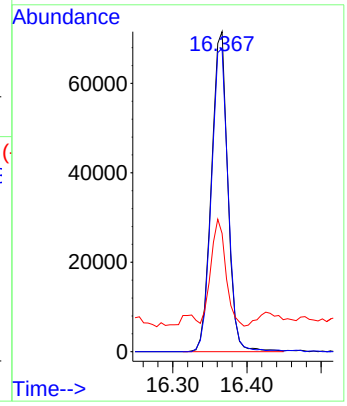


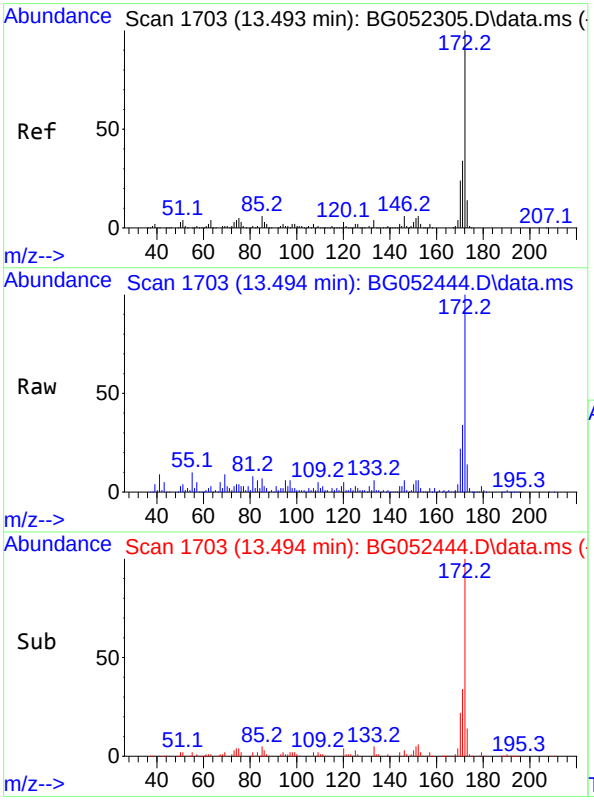
#42
2,4,6-Tribromophenol
Concen: 88.892 ng
RT: 16.366 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:330 Resp: 109370

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	31.7	28.8	43.2

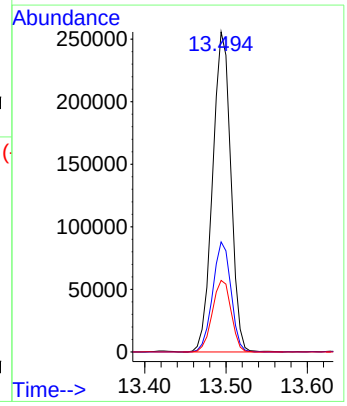


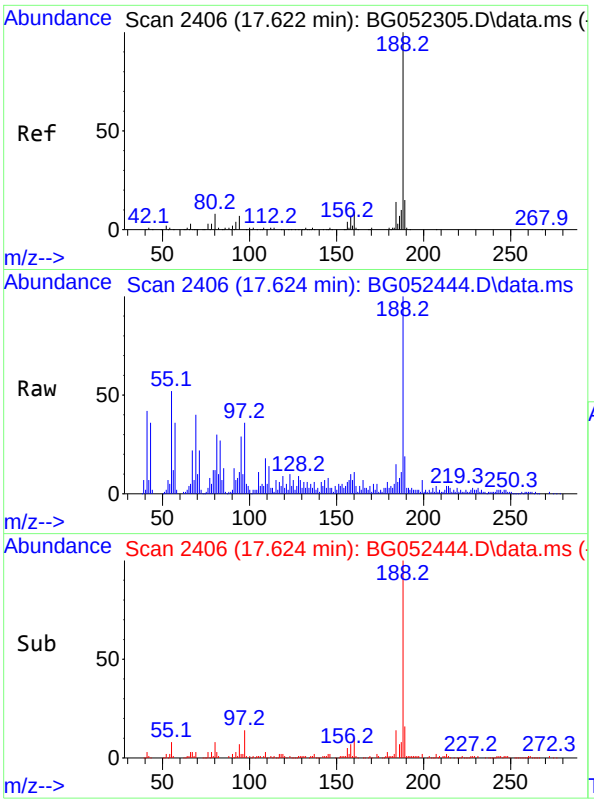


#45
2-Fluorobiphenyl
Concen: 64.448 ng
RT: 13.494 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:172 Resp: 397215

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.3	42.5
170	22.3	18.3	27.5



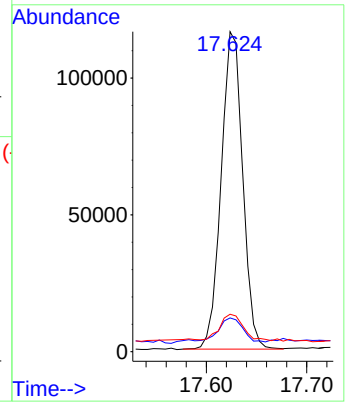


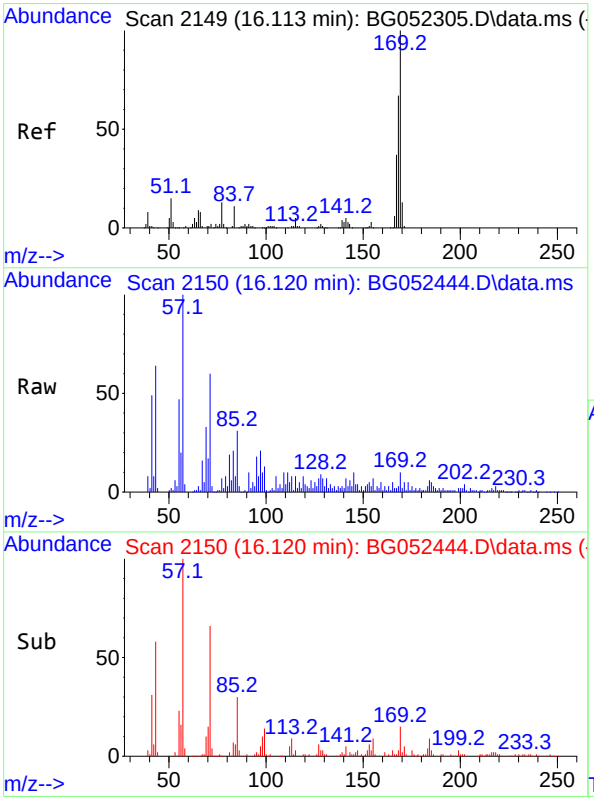
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:188 Resp: 172621

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.9	8.9#
80	11.7	6.6	10.0#

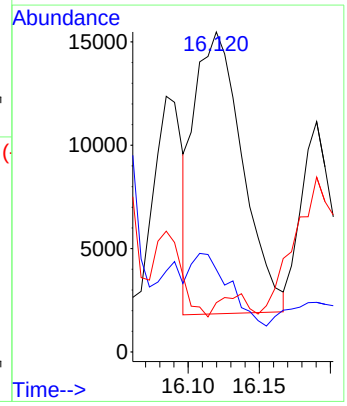


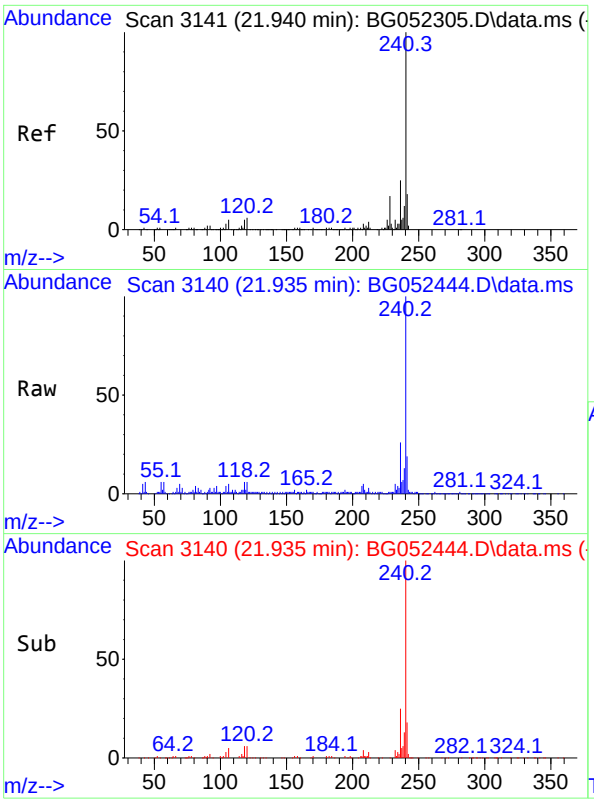


#66
n-Nitrosodiphenylamine
Concen: 6.747 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:169 Resp: 32089

Ion	Ratio	Lower	Upper
169	100		
168	25.8	57.4	86.0#
167	15.4	29.5	44.3#



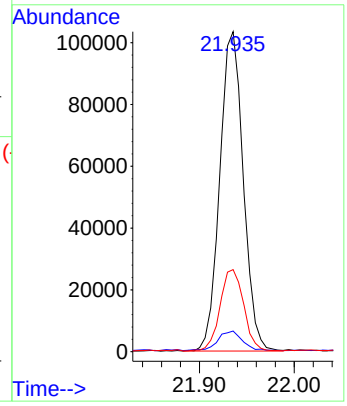


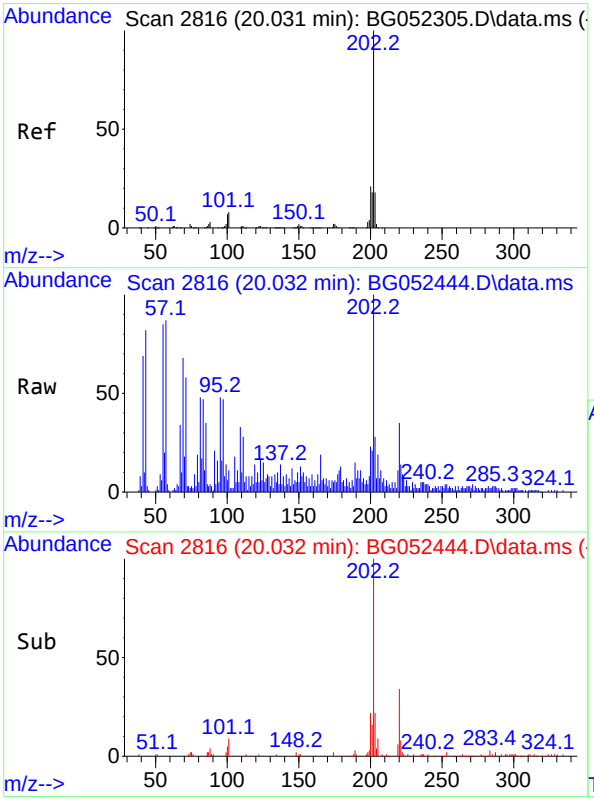
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.935 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:240 Resp: 177737

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.4	6.6
236	25.6	20.8	31.2

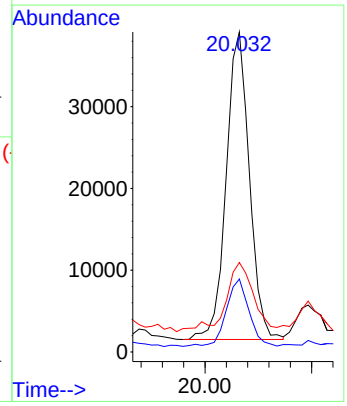


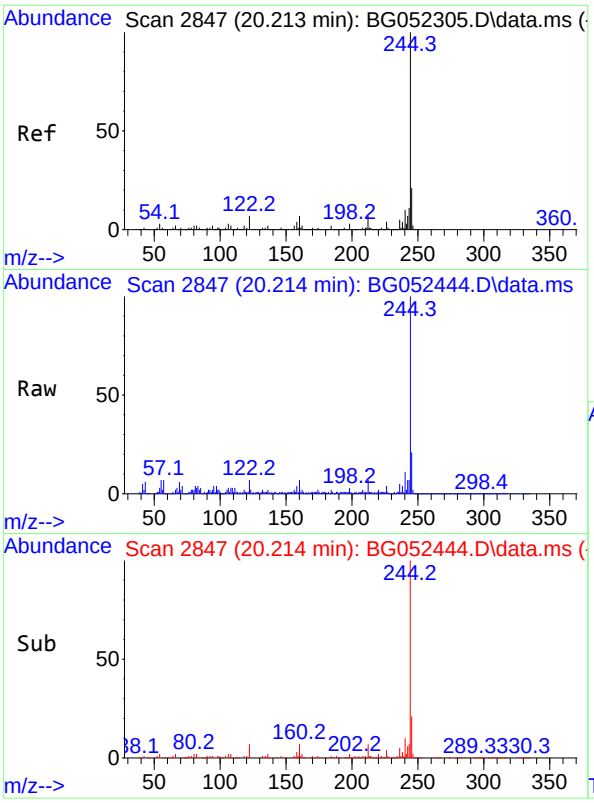


#78
Pyrene
Concen: 4.764 ng
RT: 20.032 min Scan# 2816
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:202 Resp: 56658

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	28.0	14.5	21.7#



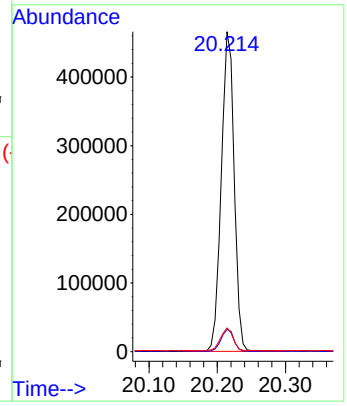


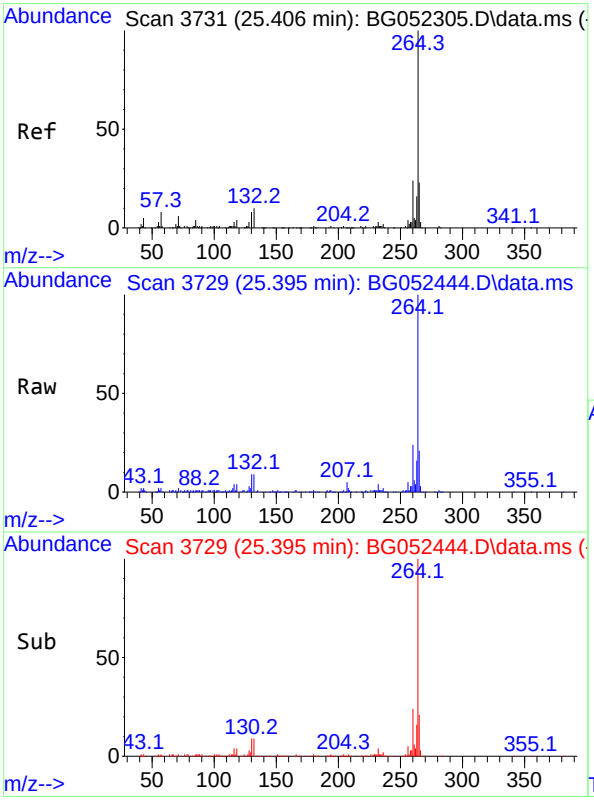
#79
Terphenyl-d14
Concen: 60.740 ng
RT: 20.214 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tgt Ion:244 Resp: 611359

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	7.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.395 min Scan# 3729
Delta R.T. -0.011 min
Lab File: BG052444.D
Acq: 21 Feb 2022 19:23

Tgt Ion:264 Resp: 202016

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.5	17.8	26.6