Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
Data File : BG051487.D
Acq On : 11 Dec 2021 20:06
Operator : CG/JU
Sample : M4965-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Quant Time: Dec 11 23:17:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 23:03:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.182	152	31015	20.00	ng	0.00
21) Naphthalene-d8	11.008	136	134169	20.00	ng	# 0.00
39) Acenaphthene-d10	14.816	164	83930	20.00	ng	0.00
64) Phenanthrene-d10	17.571	188	176000	20.00	ng	# 0.00
76) Chrysene-d12	21.872	240	154021	20.00	ng	# 0.00
86) Perylene-d12	25.268	264	149991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	213632	106.48	ng	0.00
7) Phenol-d6	7.365	99	284494	100.68	ng	0.00
23) Nitrobenzene-d5	9.369	82	208023	70.78	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	77062	86.39	ng	0.00
45) 2-Fluorobiphenyl	13.435	172	382016	68.68	ng	0.00
79) Terphenyl-d14	20.156	244	536077	63.63	ng	0.00
Target Compounds						Qvalue

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

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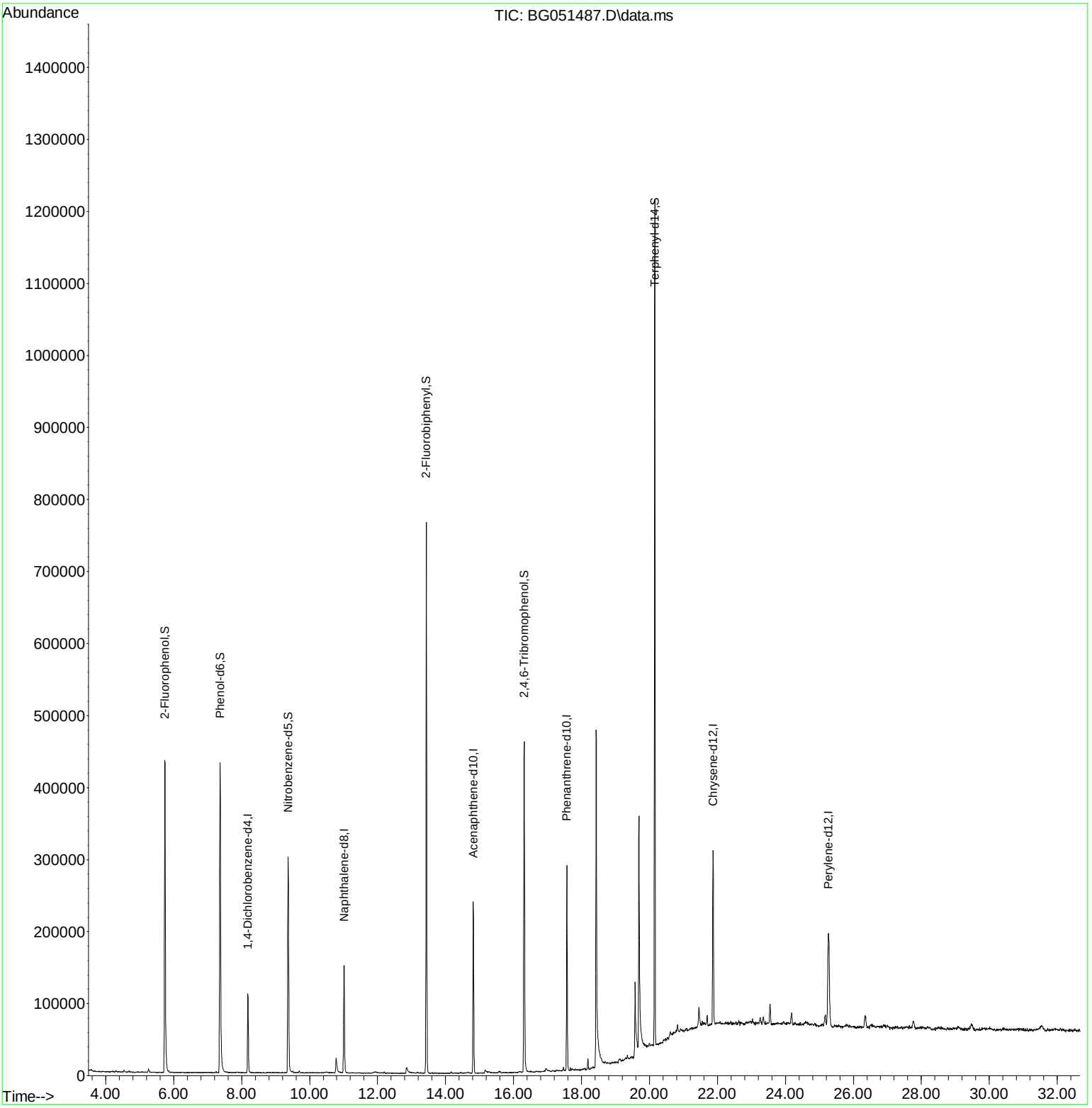
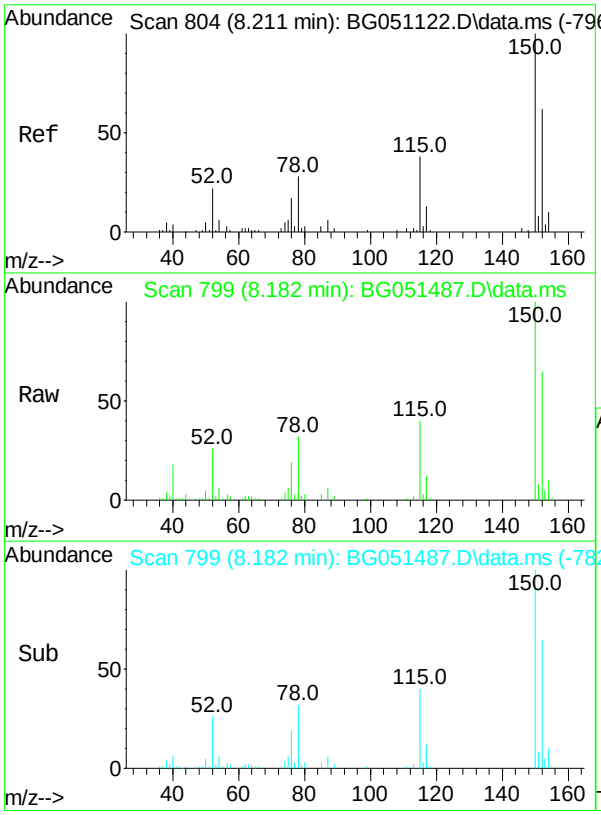




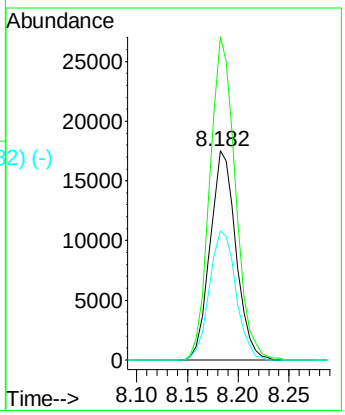
#1

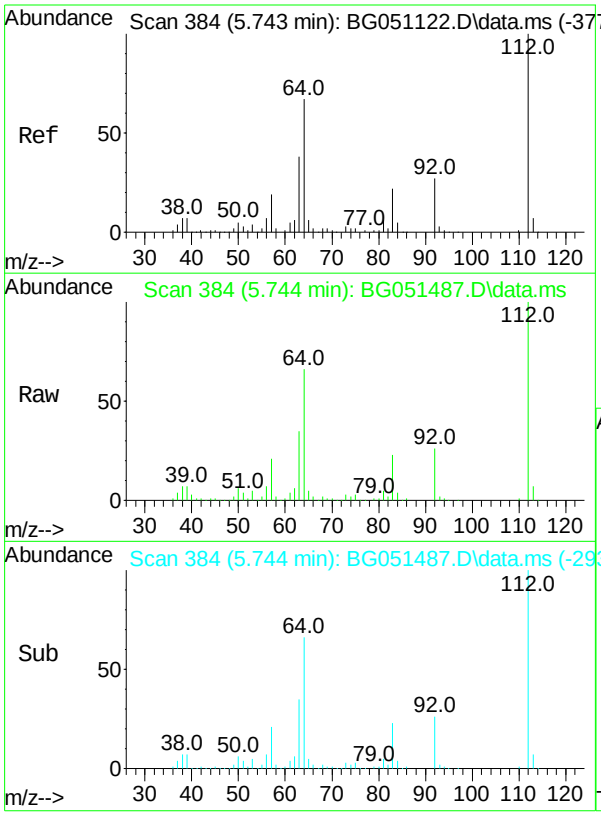
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.182 min Scan# 799
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Tgt Ion:152 Resp: 31015

Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.4	179.0
115	61.7	60.2	90.4



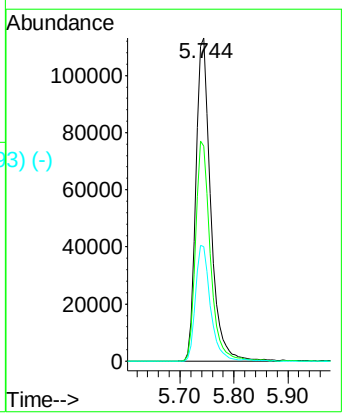


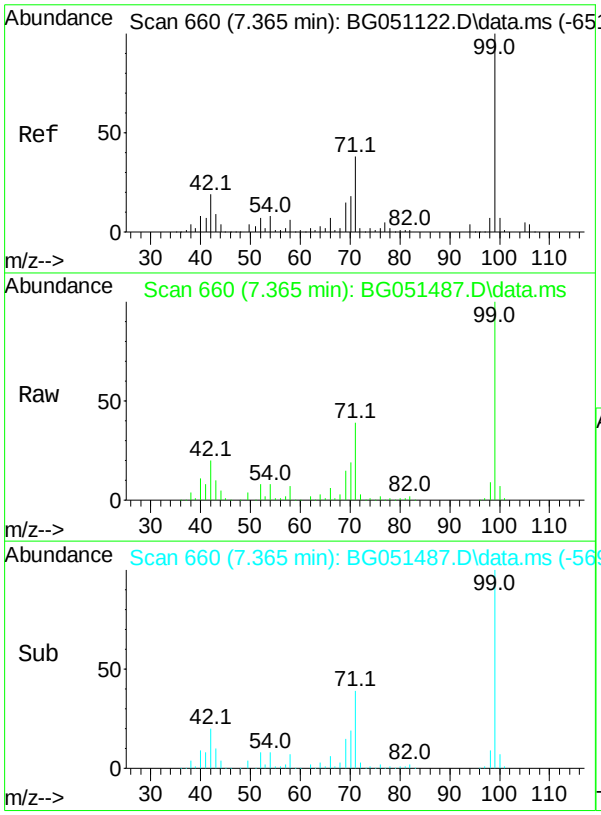
#5

2-Fluorophenol
Concen: 106.48 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.004 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:112 Resp: 213632

Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.7	70.1
63	35.4	35.3	52.9



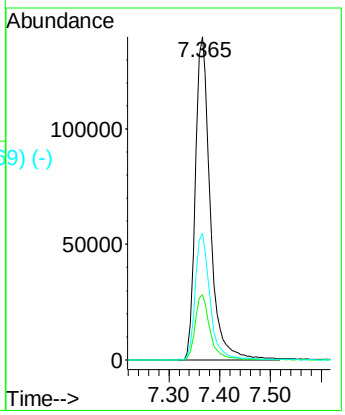


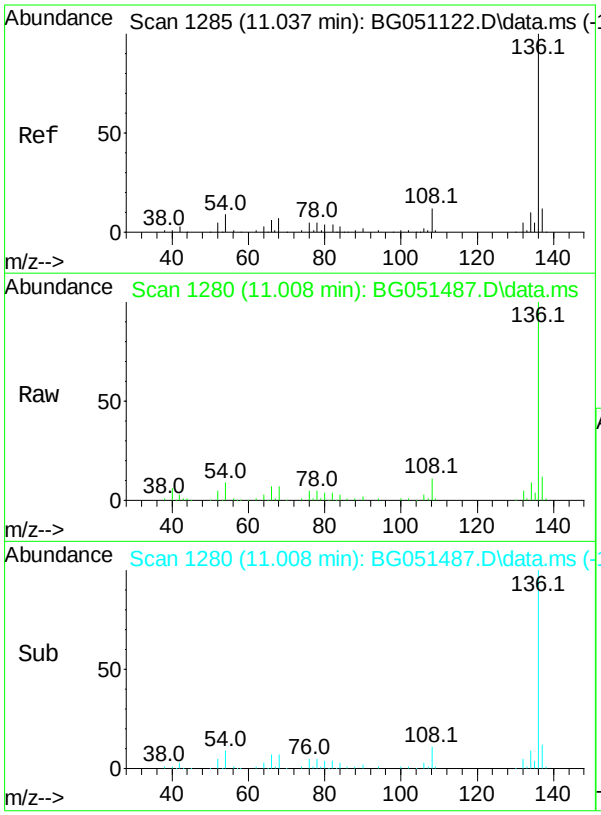
#7
Phenol-d6
Concen: 100.68 ng
RT: 7.365 min Scan# 6
Delta R.T. 0.004 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Tgt Ion: 99 Resp: 284494

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.5	30.7#
71	39.3	41.5	62.3#

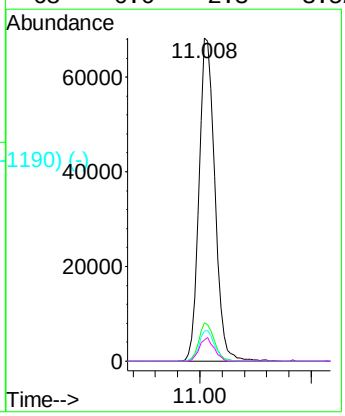


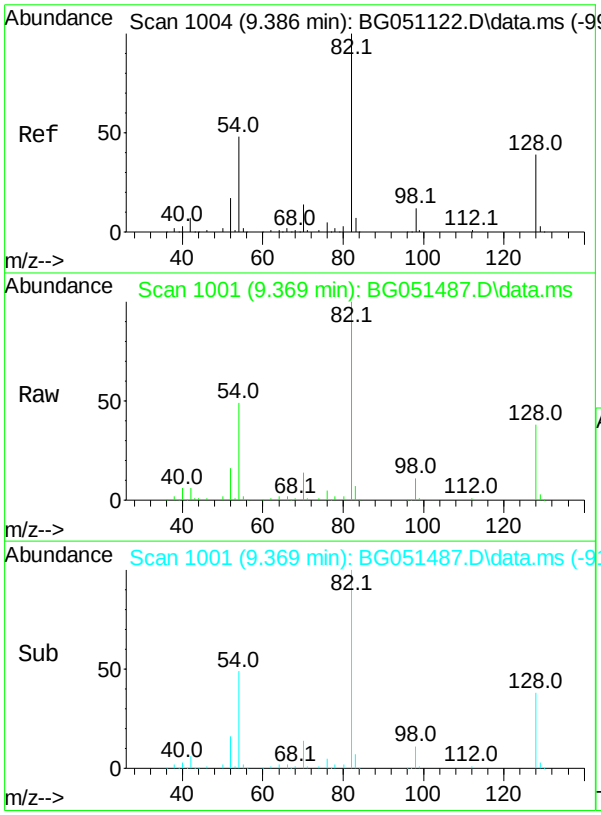


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.008 min Scan# 1280
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:136 Resp: 134169

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	9.3	5.5	8.3#
68	6.6	2.3	3.5#



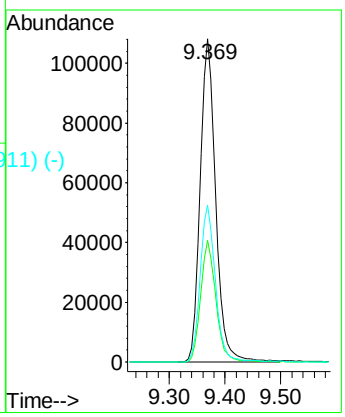


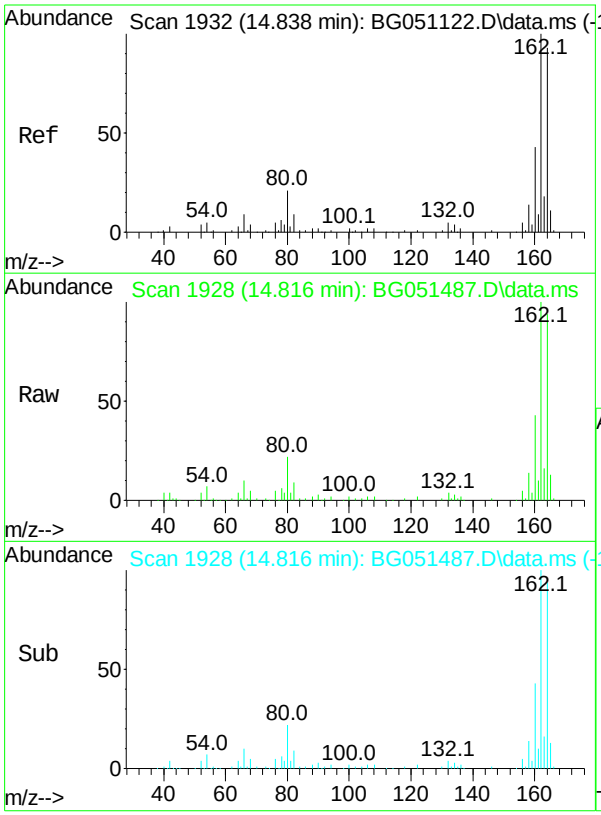
#23
Nitrobenzene-d5
Concen: 70.78 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Tgt Ion: 82 Resp: 208023

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.8	44.6
54	48.5	45.8	68.8

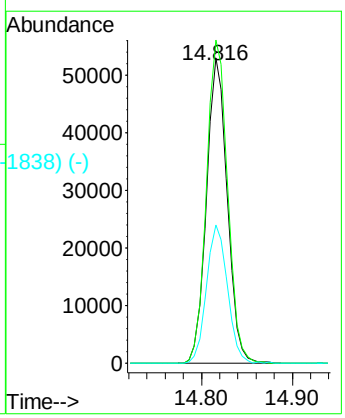


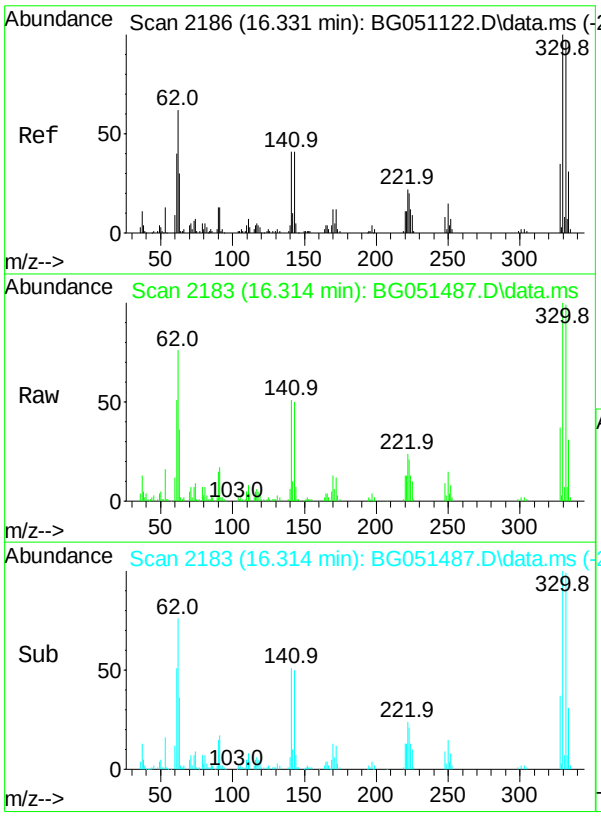


#29
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.816 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:164 Resp: 83930

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.4	122.0
160	45.3	34.9	52.3



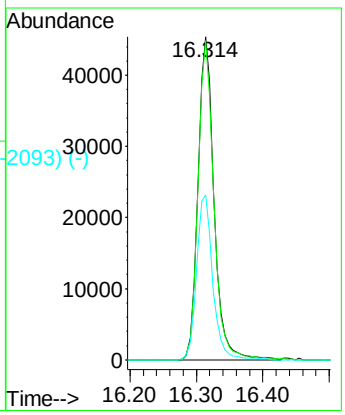


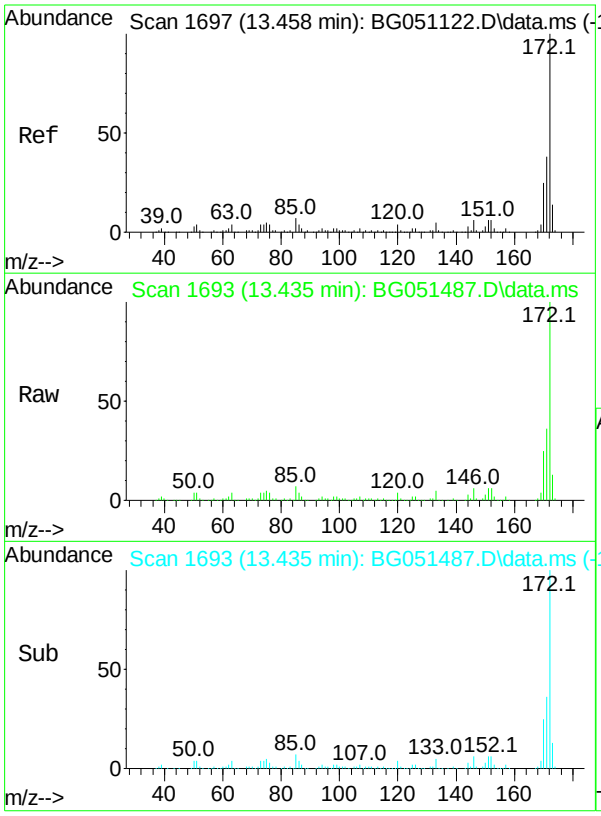
#42
2,4,6-Tribromophenol
Concen: 86.39 ng
RT: 16.314 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Tgt Ion:330 Resp: 77062

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	51.5	35.6	53.4

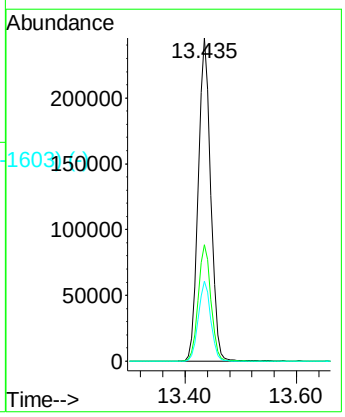


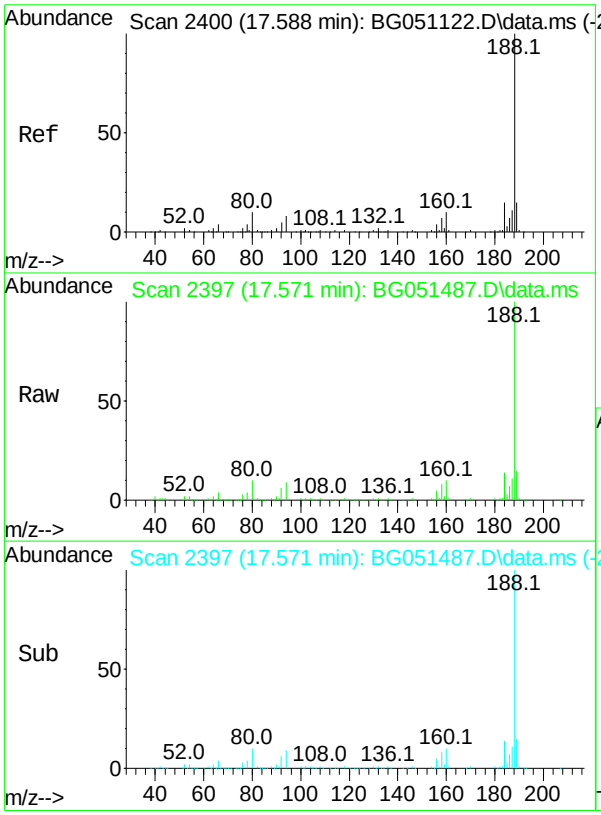


#45
2-Fluorobiphenyl
Concen: 68.68 ng
RT: 13.435 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:172 Resp: 382016

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.8	18.6	27.8



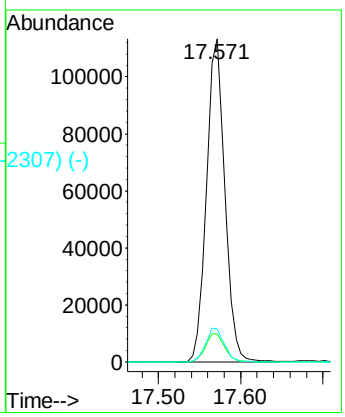


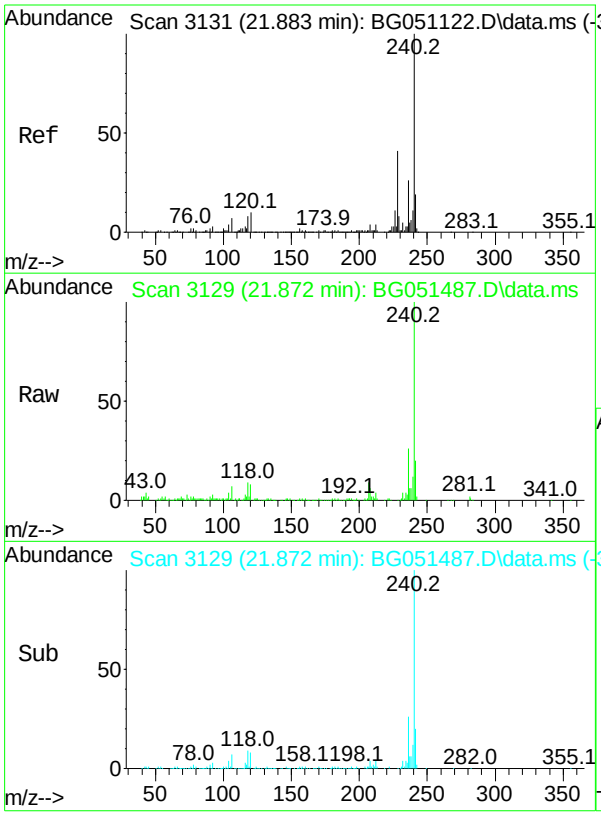
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.571 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Tgt Ion:188 Resp: 176000

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.4	8.0#
80	10.3	3.7	5.5#

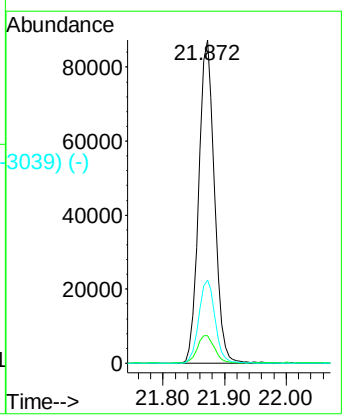


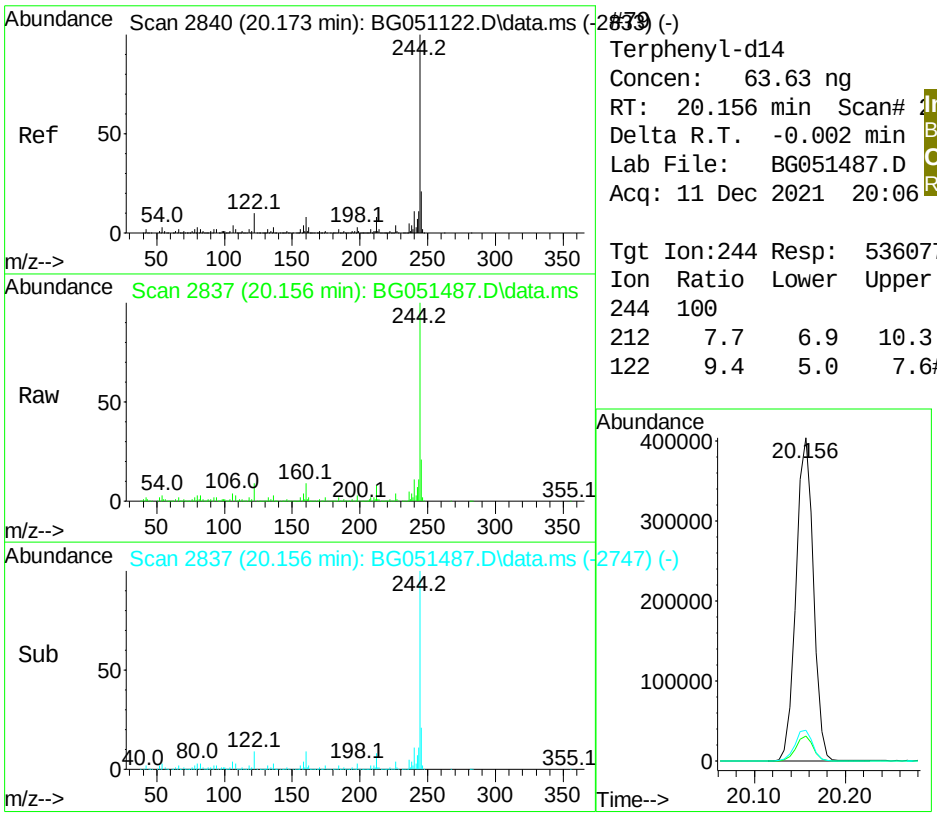


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.872 min Scan# 3129
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:240 Resp: 154021

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.2	6.2#
236	25.6	21.8	32.6



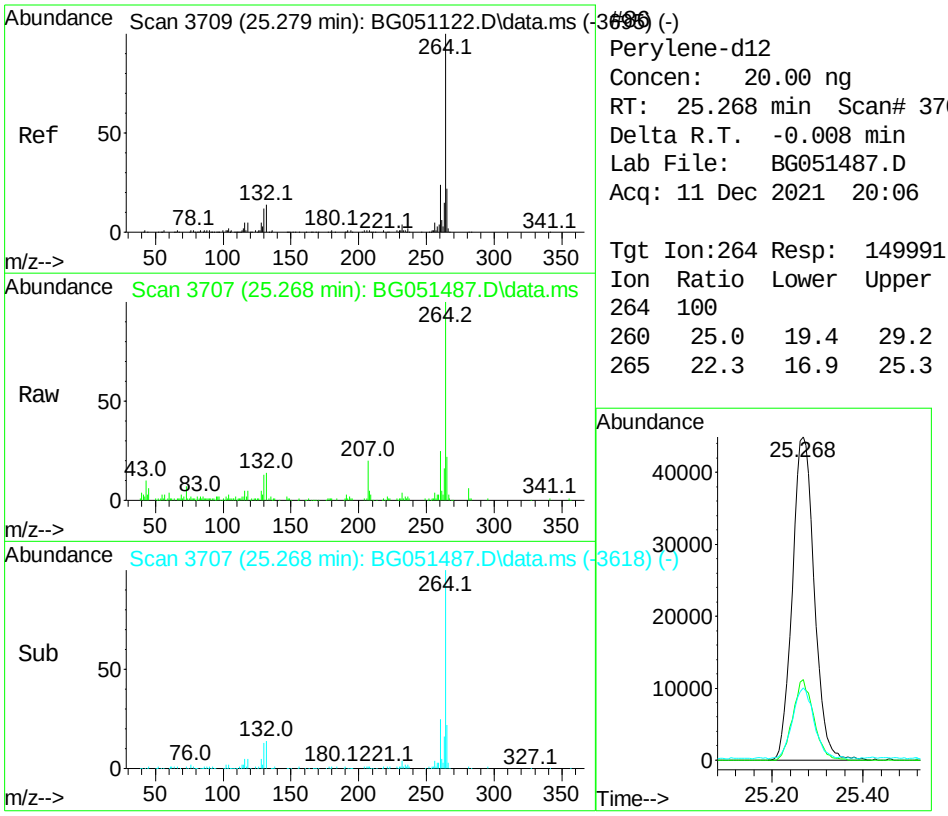


#79
Terphenyl-d14
Concen: 63.63 ng
RT: 20.156 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Instrument :
BNA_G
ClientSampleId :
RED-CONCRETE-GRAB-1

Tgt Ion:244 Resp: 536077

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	9.4	5.0	7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.268 min Scan# 3707
Delta R.T. -0.008 min
Lab File: BG051487.D
Acq: 11 Dec 2021 20:06

Tgt Ion:264 Resp: 149991

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.3	16.9	25.3