Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
Data File : BG025491.D
Acq On : 12 Jan 2017 20:54
Operator : UM/SJ
Sample : I1031-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-0030

Quant Time: Jan 13 00:48:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	59159	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	241955	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	199116	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	452980	20.00	ng	0.00
75) Chrysene-d12	21.86	240	657603	20.00	ng	0.00
86) Perylene-d12	25.26	264	703169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	423956	130.26	ng	0.00
7) Phenol-d6	7.36	99	613597	133.86	ng	0.00
23) Nitrobenzene-d5	9.39	82	448176	81.83	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	386250	120.49	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	896853	72.92	ng	0.00
78) Terphenyl-d14	20.15	244	1562470	63.00	ng	0.00
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.89	237	61	8.53	ng	# 1
49) Dimethylphthalate	14.27	163	286783	19.76	ng	# 95
53) 2,4-Dinitrophenol	15.06	184	67	5.11	ng	# 15

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
Data File : BG025491.D
Acq On : 12 Jan 2017 20:54
Operator : UM/SJ
Sample : I1031-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-0030

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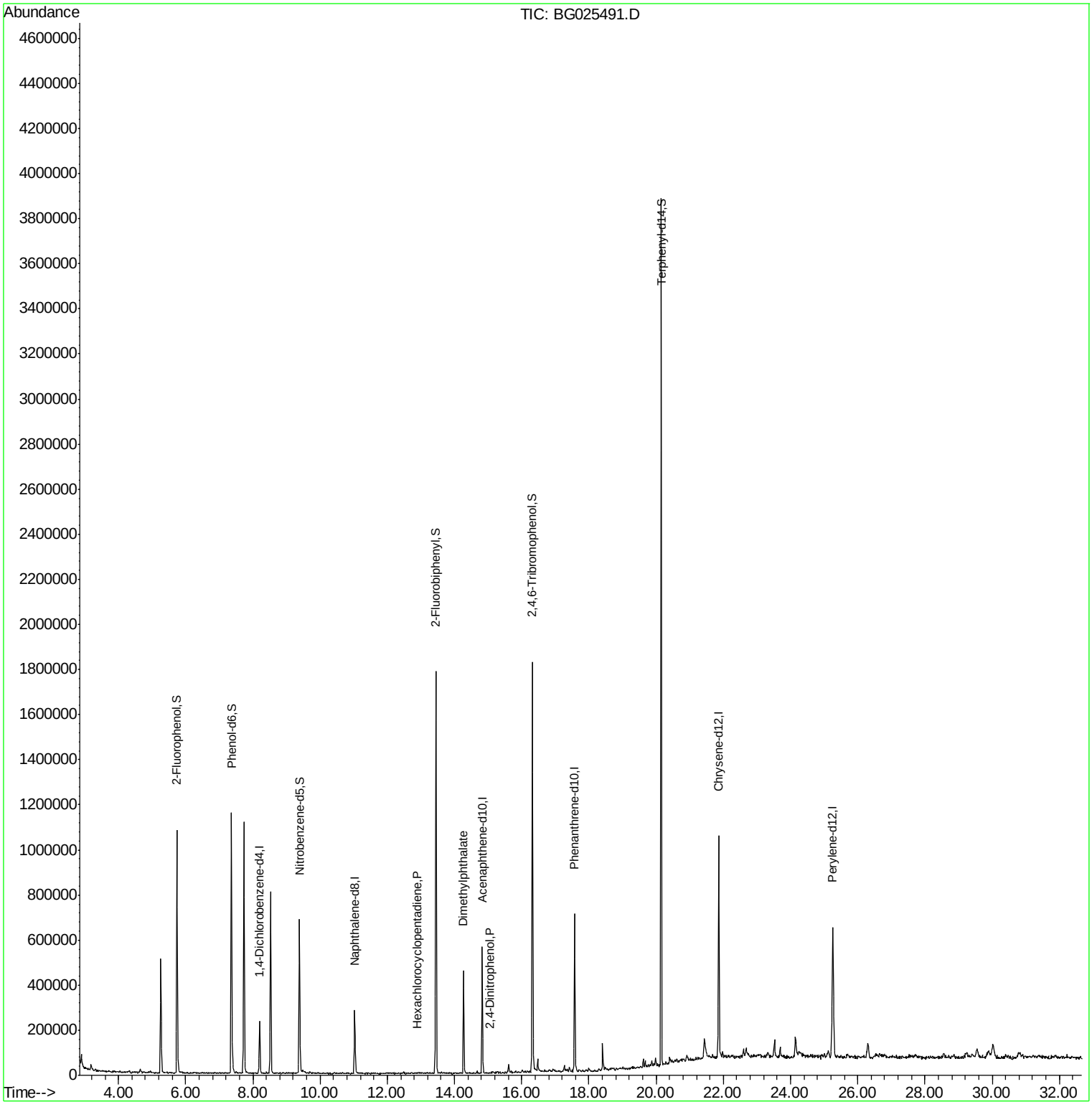
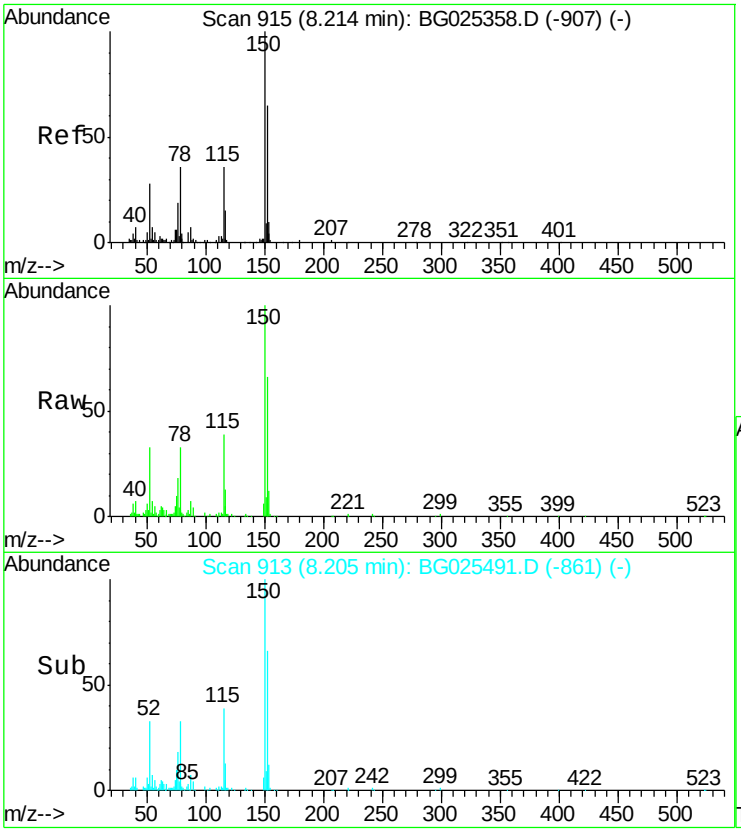


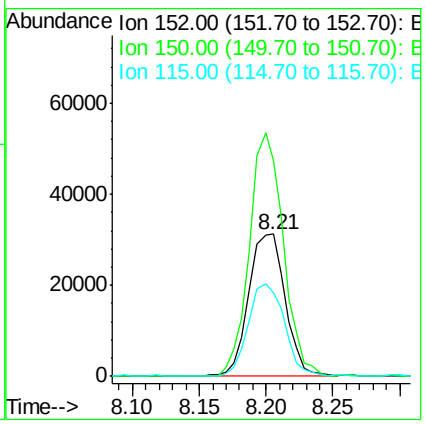


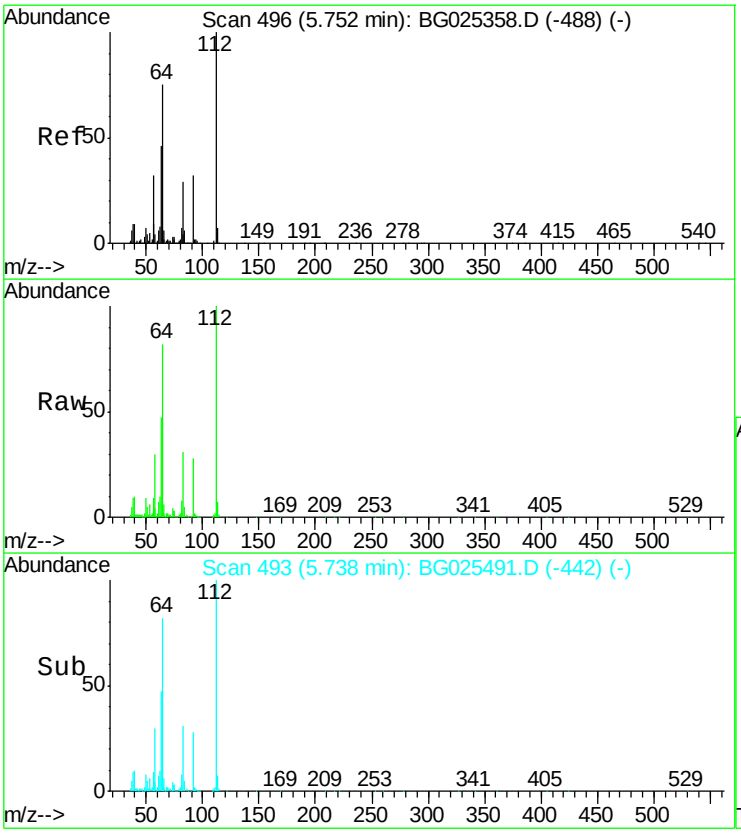
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion:152 Resp: 59159

Ion	Ratio	Lower	Upper
152	100		
150	151.3	114.0	171.0
115	58.6	48.1	72.1

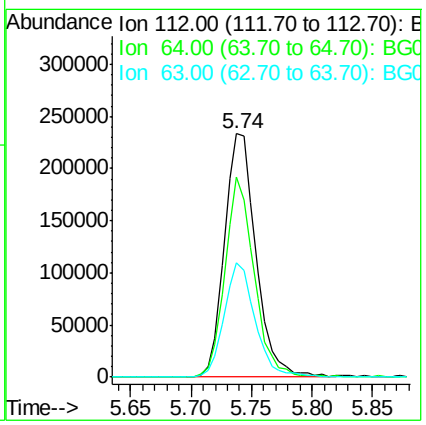


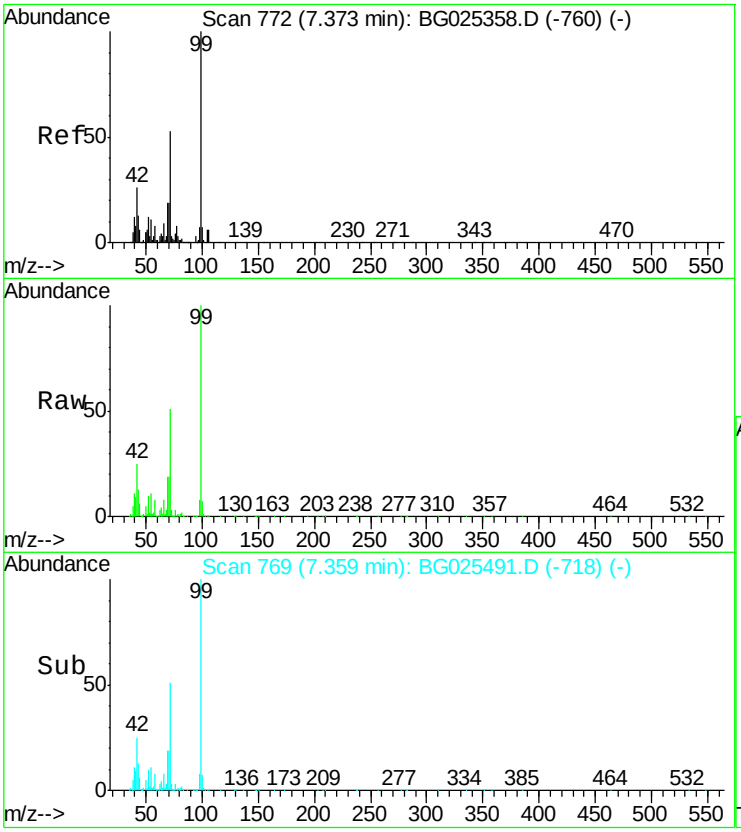


#5
2-Fluorophenol
Concen: 130.26 ng
RT: 5.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:112 Resp: 423956

Ion	Ratio	Lower	Upper
112	100		
64	82.4	61.8	92.6
63	47.1	37.2	55.8



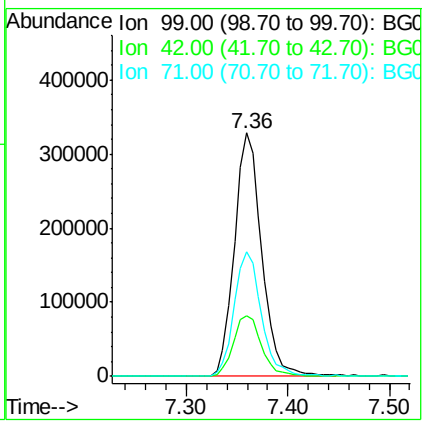


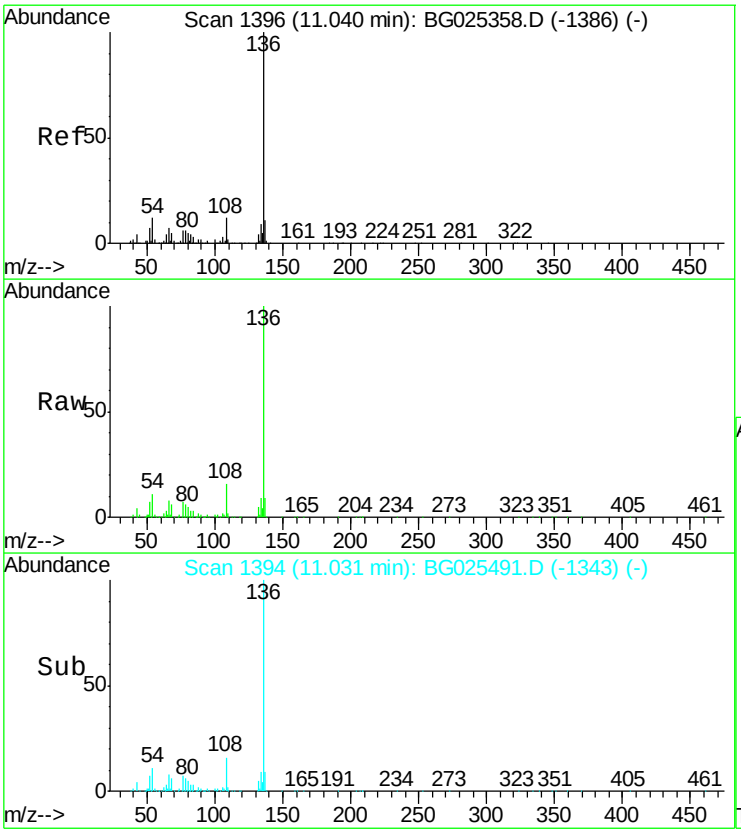
#7
Phenol-d6
Concen: 133.86 ng
RT: 7.36 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion: 99 Resp: 613597

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.5	30.7
71	51.1	37.6	56.4

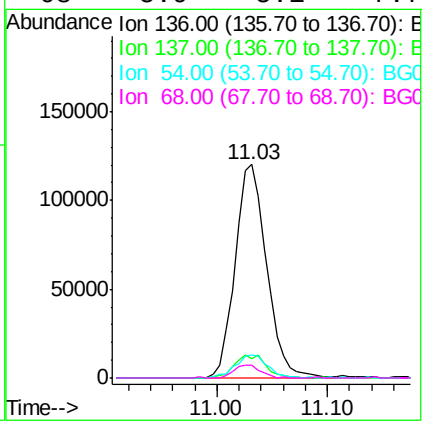


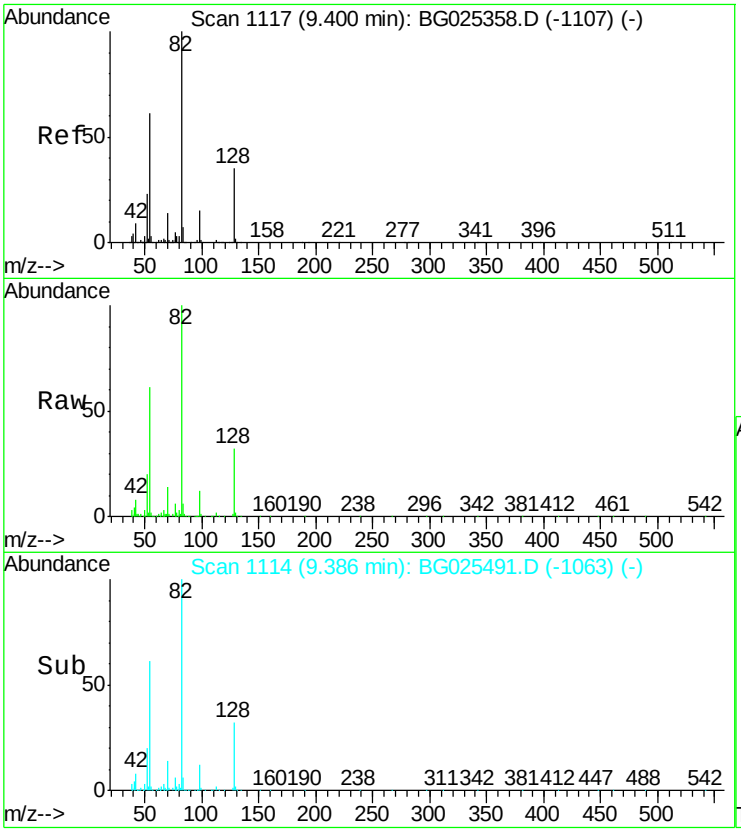


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:136 Resp: 241955

Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.9	13.3
54	11.0	9.3	13.9
68	5.9	5.1	7.7



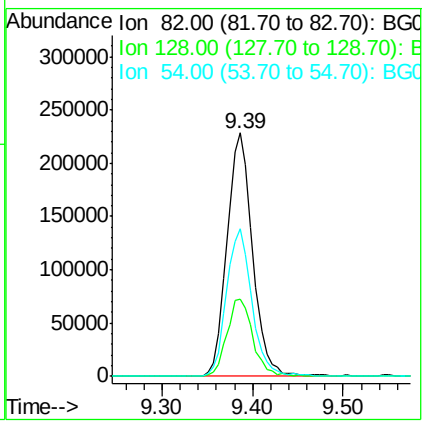


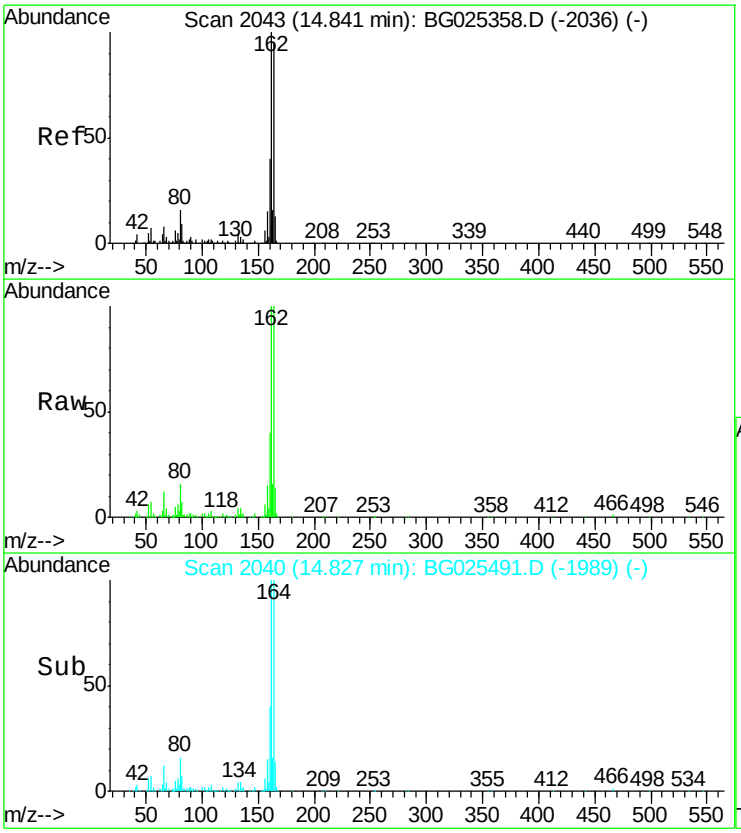
#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion: 82 Resp: 448176

Ion	Ratio	Lower	Upper
82	100		
128	31.6	26.4	39.6
54	60.5	49.4	74.2

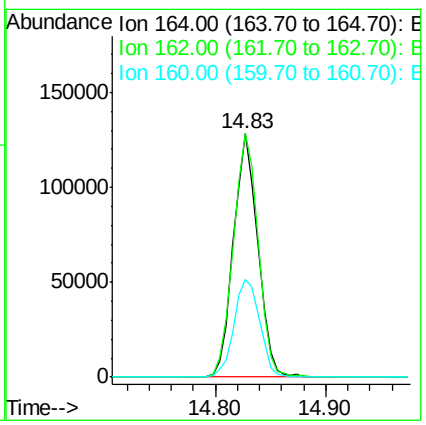


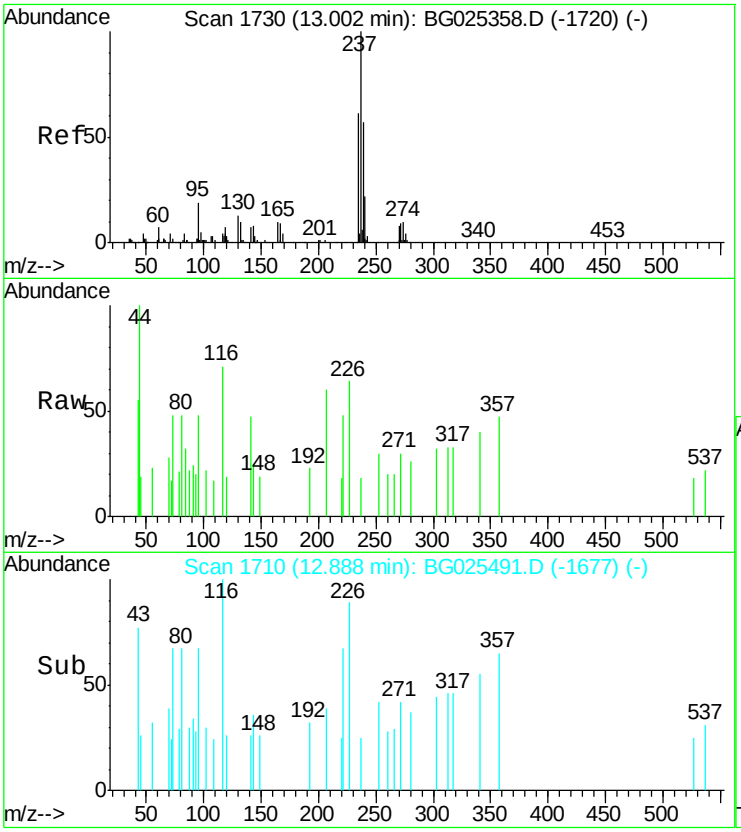


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:164 Resp: 199116

Ion	Ratio	Lower	Upper
164	100		
162	100.1	85.1	127.7
160	40.3	34.7	52.1



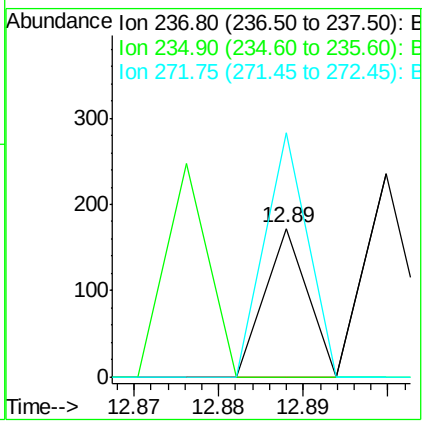


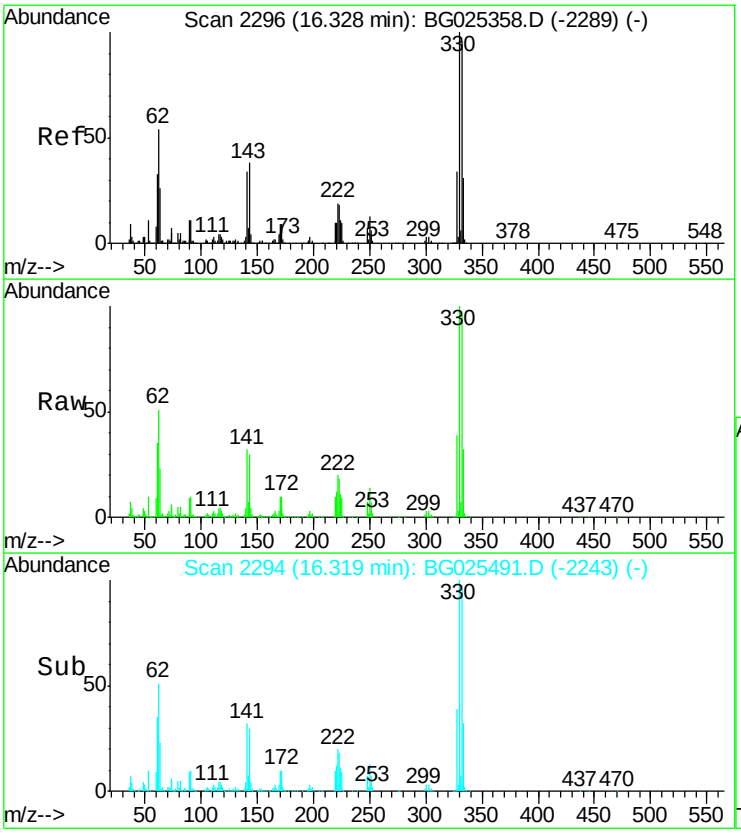
#40
Hexachlorocyclopentadiene
Concen: 8.53 ng
RT: 12.89 min Scan# 1710
Delta R.T. -0.10 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion:237 Resp: 61

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	164.5	0.0	32.0#

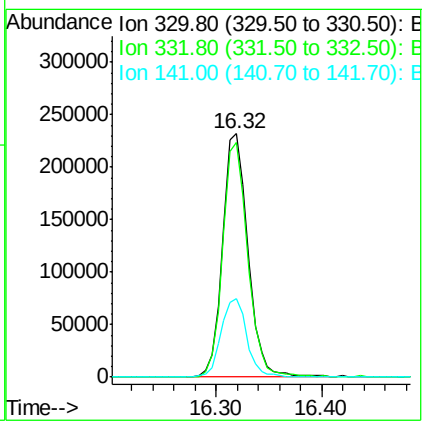


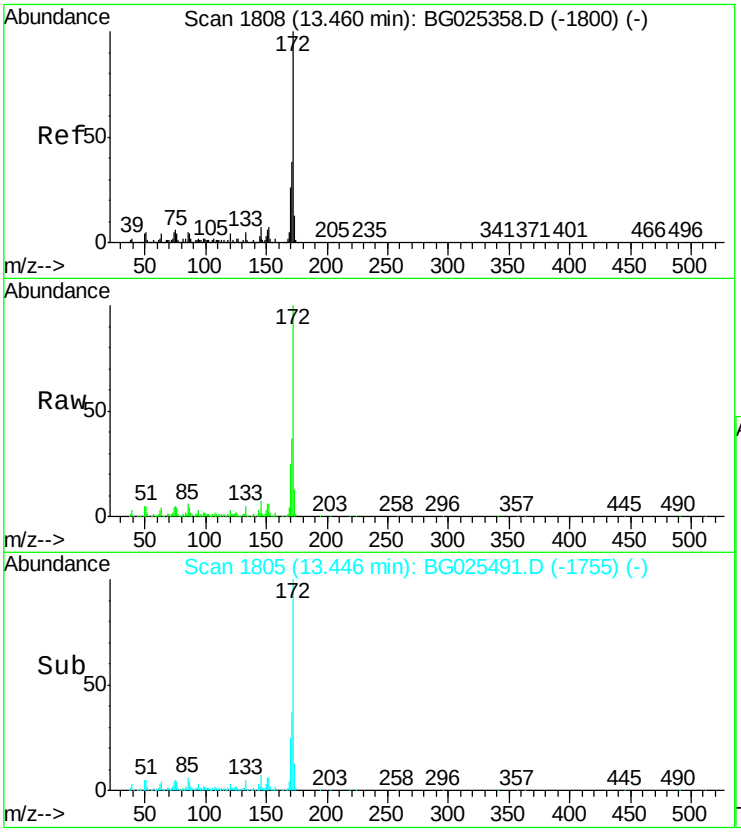


#41
2,4,6-Tribromophenol
Concen: 120.49 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:330 Resp: 386250

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	32.6	32.1	48.1



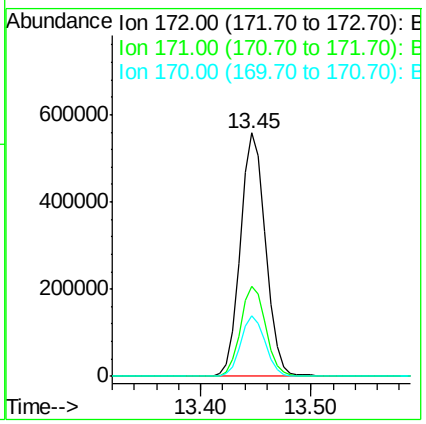


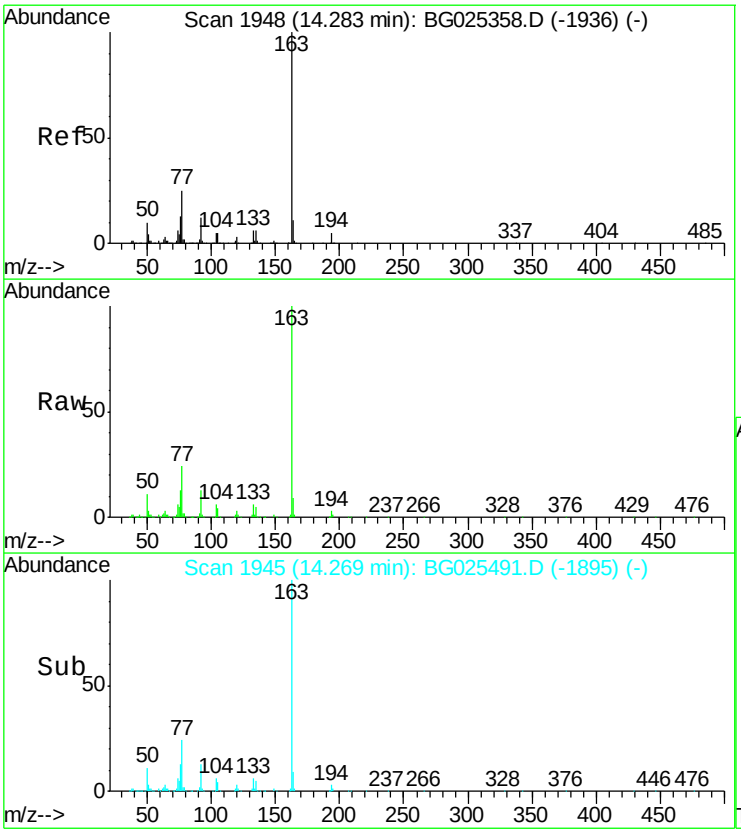
#44
2-Fluorobiphenyl
Concen: 72.92 ng
RT: 13.45 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion:172 Resp: 896853

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	25.0	21.8	32.6

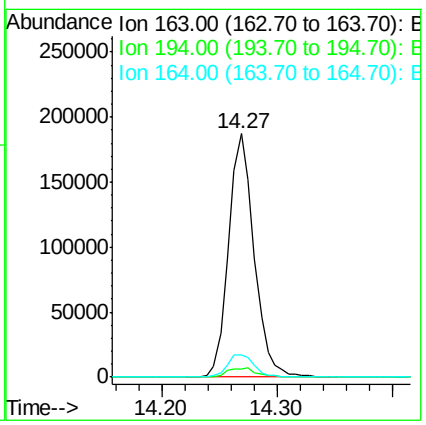


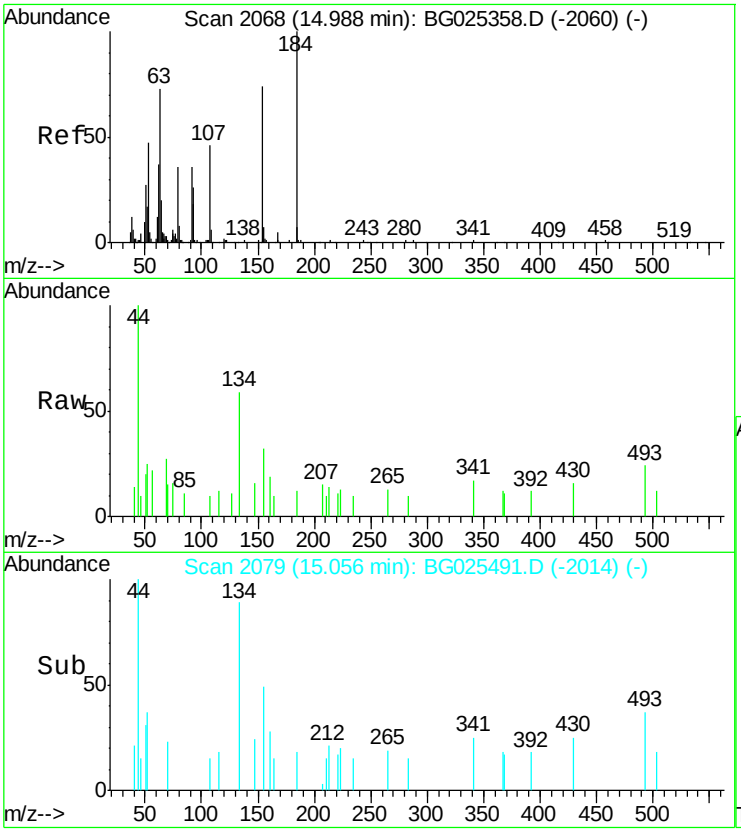


#49
Dimethylphthalate
Concen: 19.76 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:163 Resp: 286783

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.8	5.6#
164	9.3	9.3	13.9



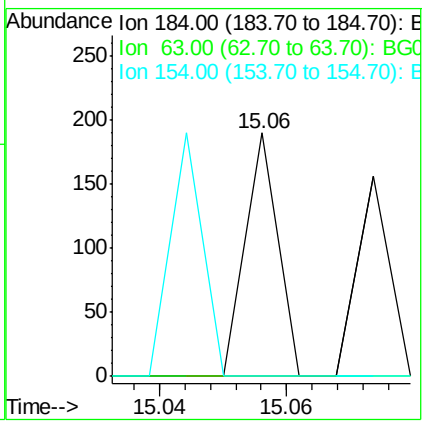


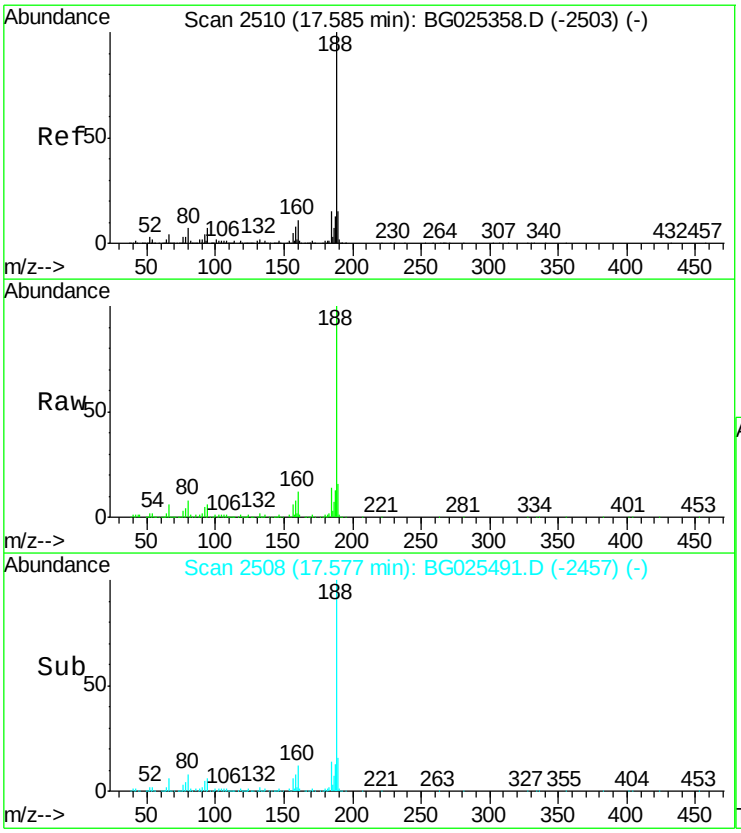
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.06 min Scan# 2079
Delta R.T. 0.08 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion:184 Resp: 67

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

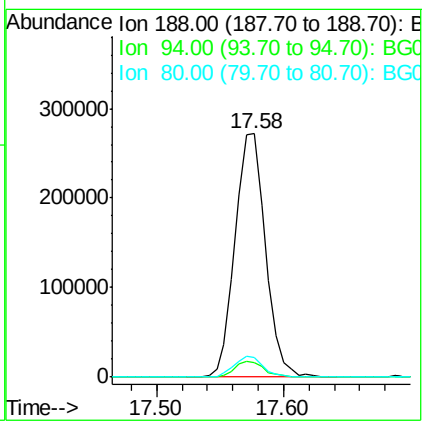


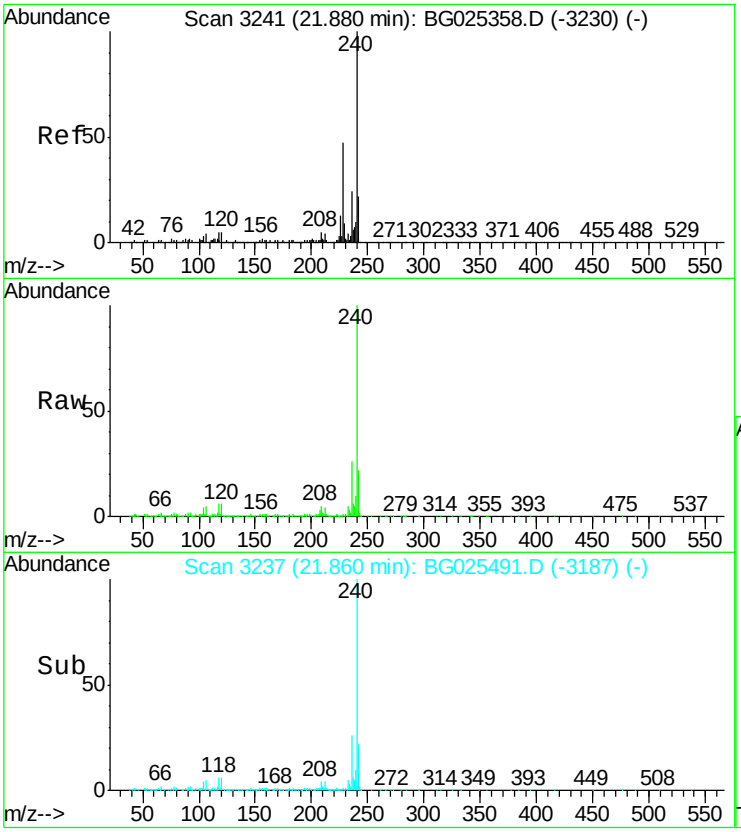


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:188 Resp: 452980

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	8.1	7.5	11.3



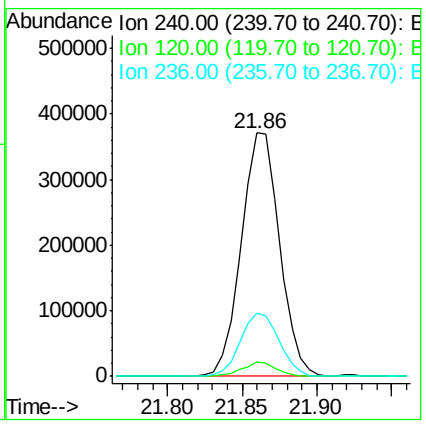


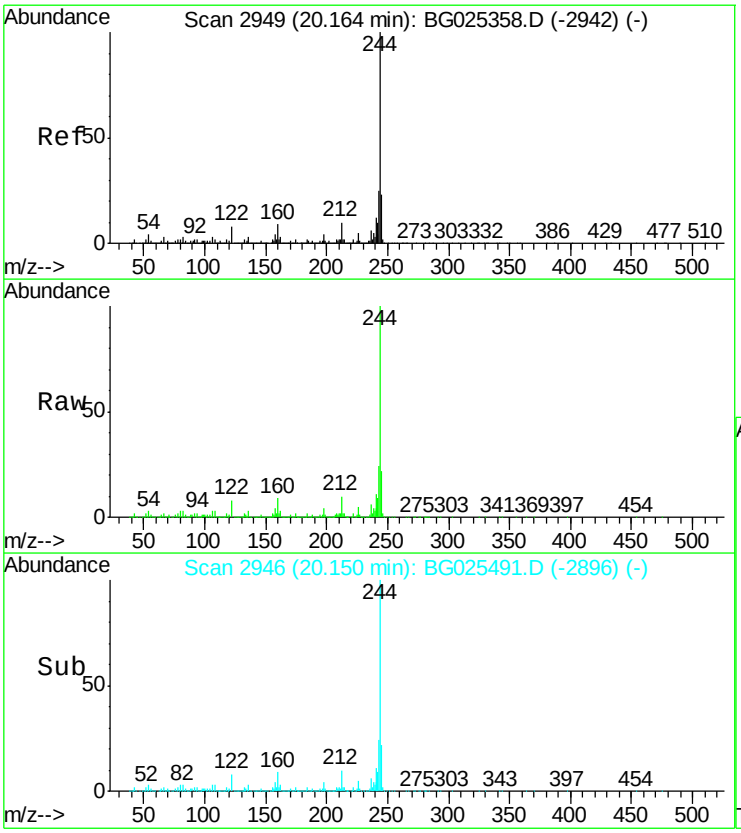
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion:240 Resp: 657603

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	25.9	22.2	33.4

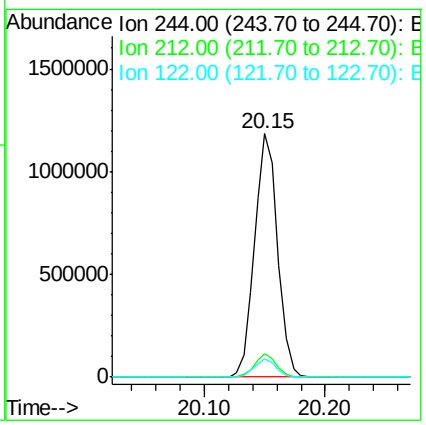


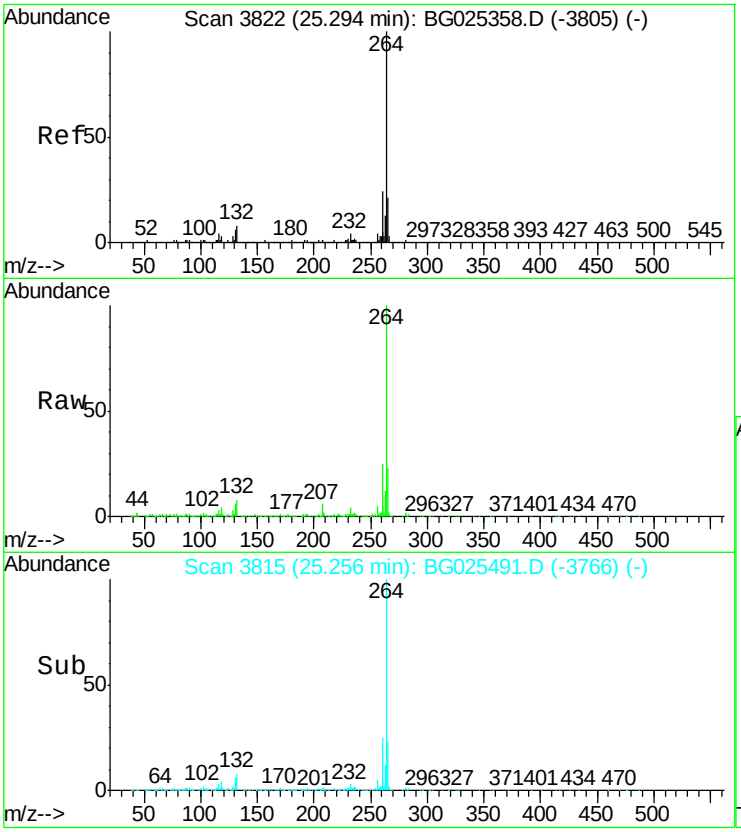


#78
Terphenyl-d14
Concen: 63.00 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Tgt Ion:244 Resp: 1562470

Ion	Ratio	Lower	Upper
244	100		
212	9.5	10.0	15.0#
122	7.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BG025491.D
Acq: 12 Jan 2017 20:54

Instrument :
BNA_G
ClientSampleId :
COMP-0030

Tgt Ion:264 Resp: 703169

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	23.3	18.2	27.4