

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039296.D
 Acq On : 26 Jan 2019 4:31
 Operator : JU/SJ
 Sample : K1233-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SANDHILL-RO-1-8

Quant Time: Jan 28 04:01:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	13657	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	54221	20.00	ng	-0.01
39) Acenaphthene-d10	14.64	164	37118	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	104976	20.00	ng	-0.01
76) Chrysene-d12	21.67	240	153398	20.00	ng	-0.02
87) Perylene-d12	24.92	264	132670	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	95233	132.28	ng	0.00
7) Phenol-d6	7.16	99	125788	121.41	ng	-0.01
23) Nitrobenzene-d5	9.18	82	107366	108.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	80877	129.99	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	237119	87.43	ng	-0.01
79) Terphenyl-d14	20.00	244	700525	84.48	ng	-0.01

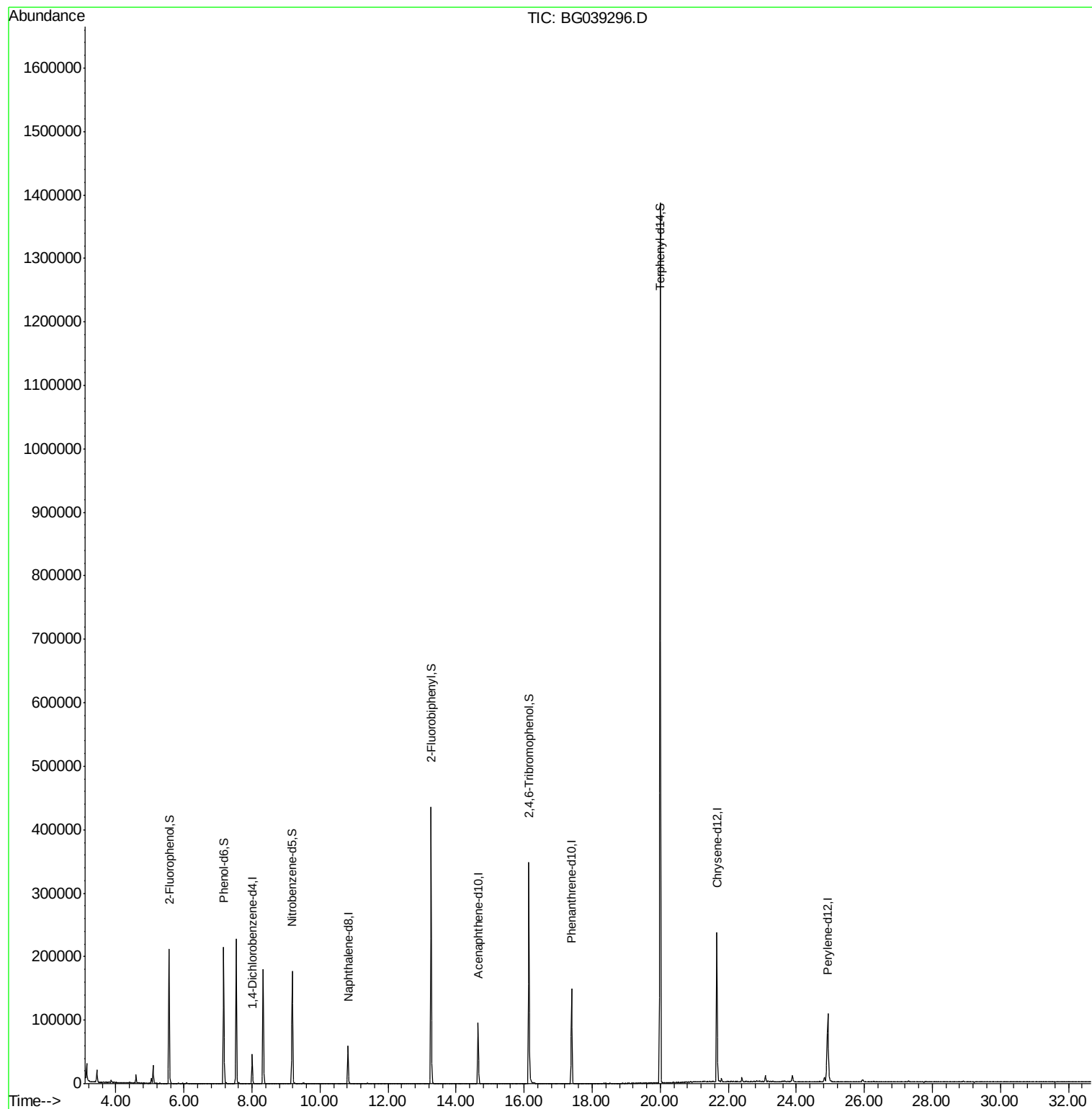
Target Compounds Qvalue

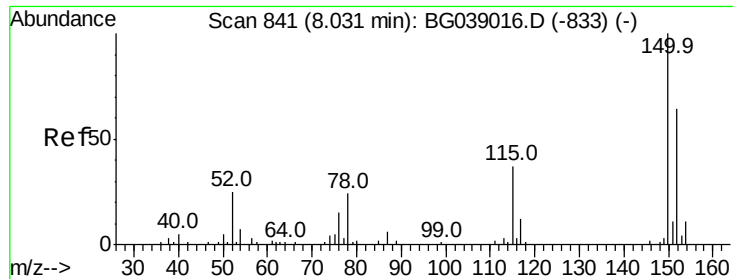
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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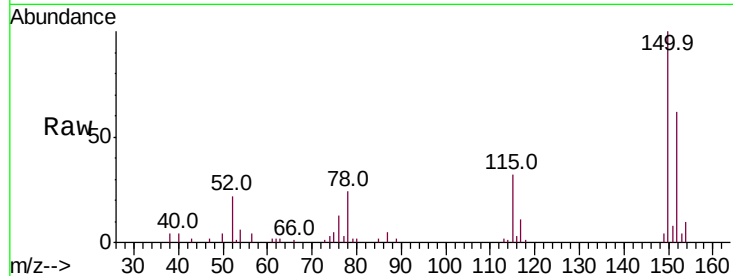


#1

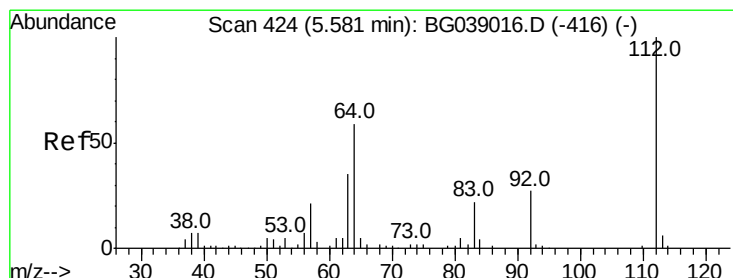
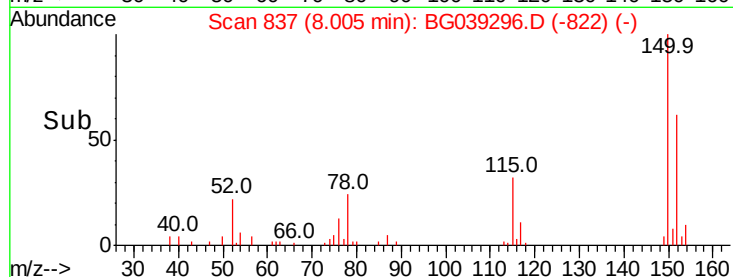
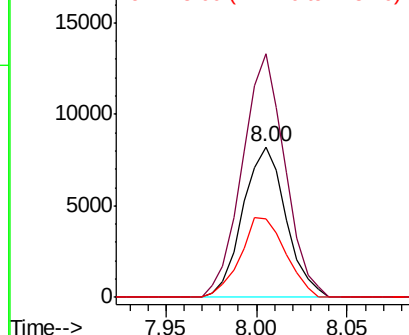
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039296.D
Acq: 26 Jan 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tot Ion:152 Resp: 13657
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 52.1 46.5 69.7



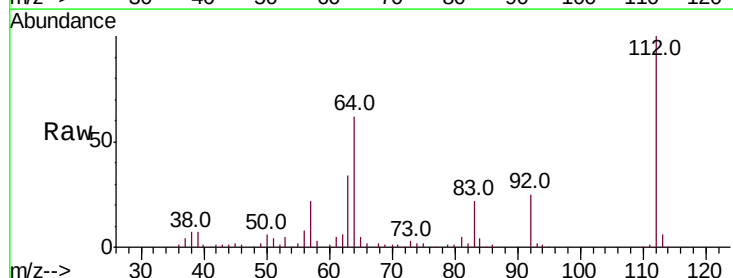
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



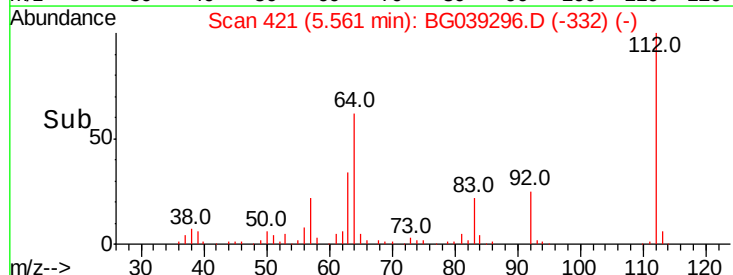
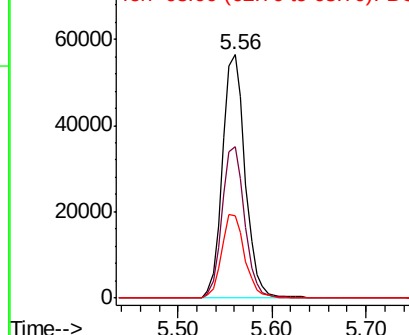
#5

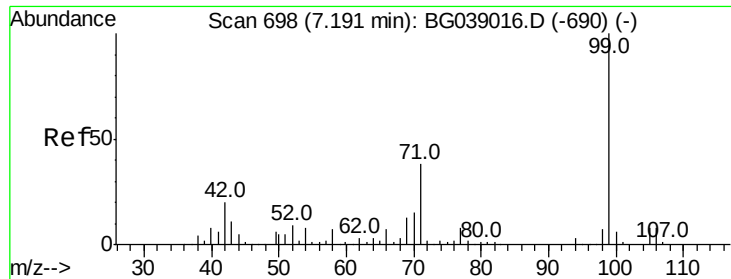
2-Fluorophenol
Concen: 132.280 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039296.D
Acq: 26 Jan 2019 4:31

Tgt Ion:112 Resp: 95233
Ion Ratio Lower Upper
112 100
64 62.3 47.0 70.6
63 34.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.408 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039296.D

Acq: 26 Jan 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SANDHILL-RO-1-8

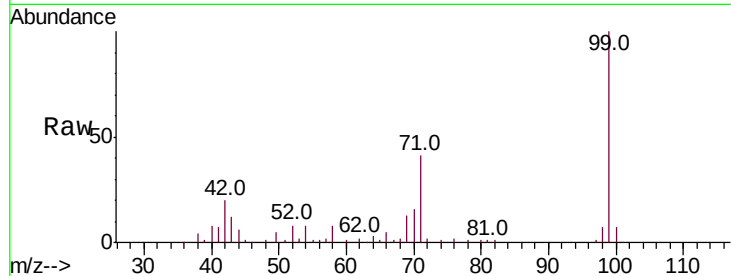
Tot Ion: 99 Resp: 125788

Ion Ratio Lower Upper

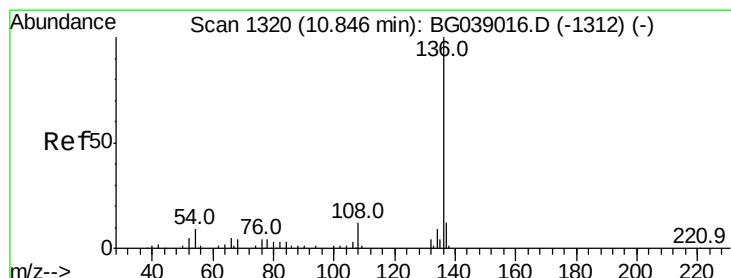
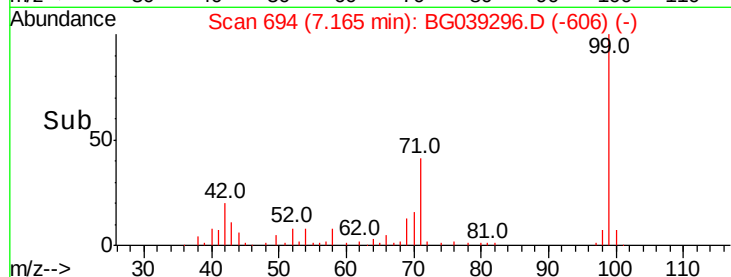
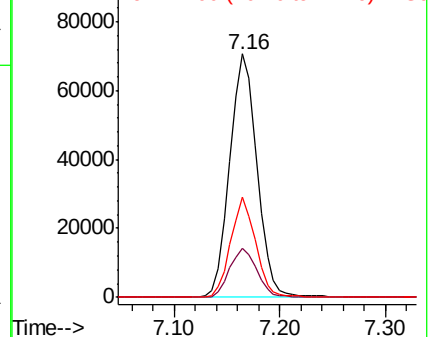
99 100

42 20.1 15.8 23.6

71 41.2 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039296.D

Acq: 26 Jan 2019 4:31

Tgt Ion: 136 Resp: 54221

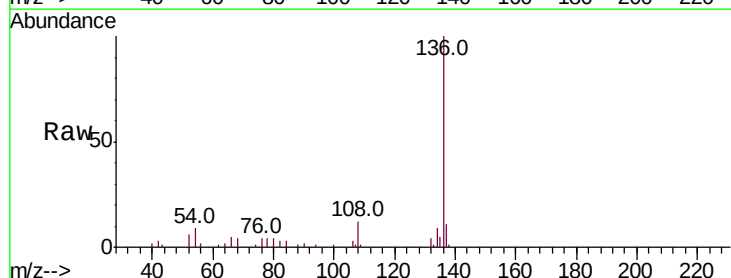
Ion Ratio Lower Upper

136 100

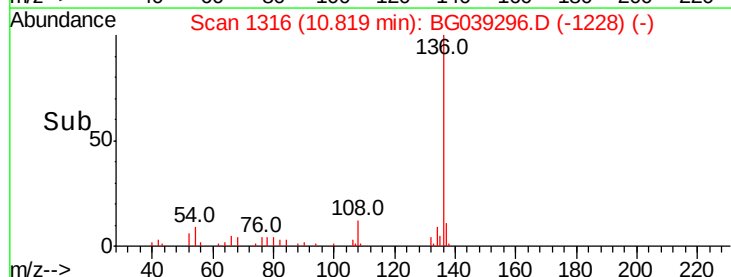
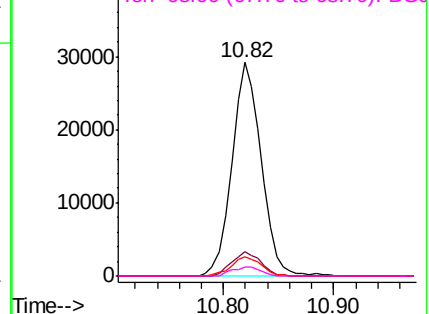
137 11.1 9.4 14.2

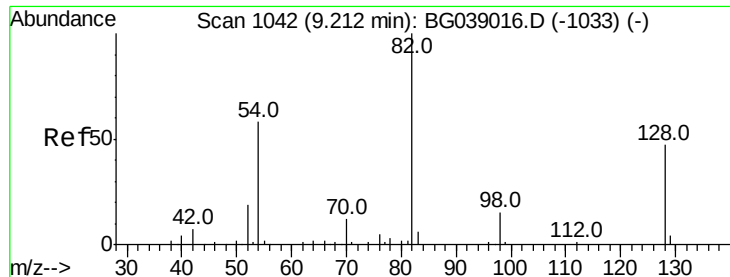
54 9.3 7.2 10.8

68 4.3 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

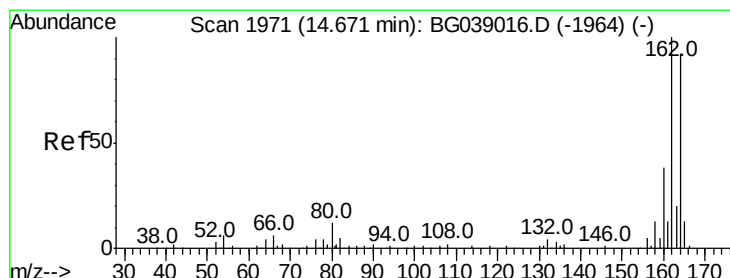
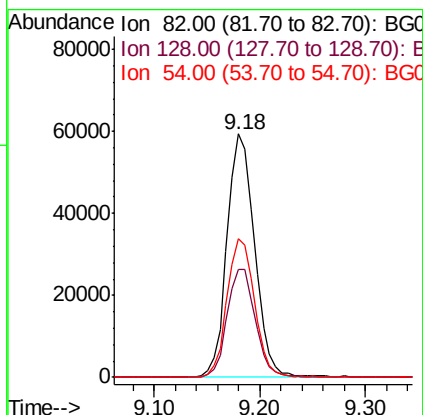
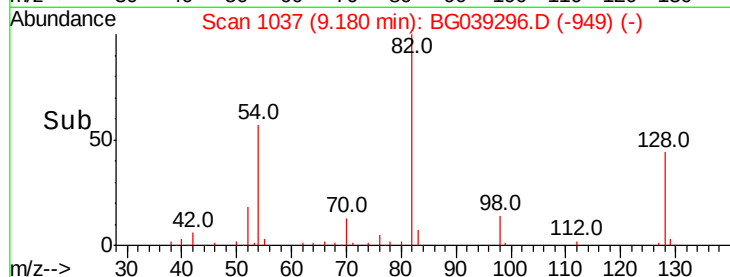
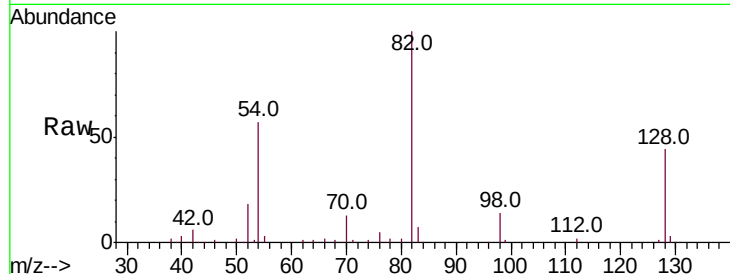




#23
 Nitrobenzene-d5
 Concen: 108.353 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039296.D
 Acq: 26 Jan 2019 4:31

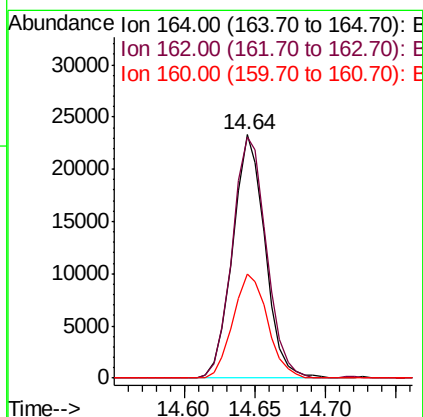
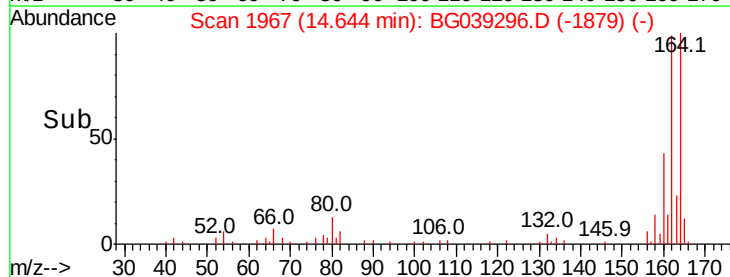
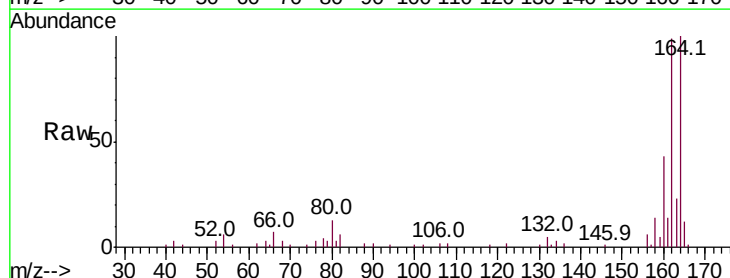
Instrument :
 BNA_G
 ClientSampleId :
 SANDHILL-RO-1-8

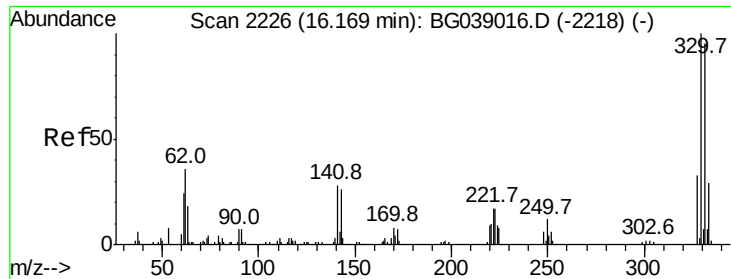
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.3	55.9
54	57.1	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039296.D
 Acq: 26 Jan 2019 4:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.2	130.8
160	42.9	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 129.985 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039296.D

Acq: 26 Jan 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SANDHILL-RO-1-8

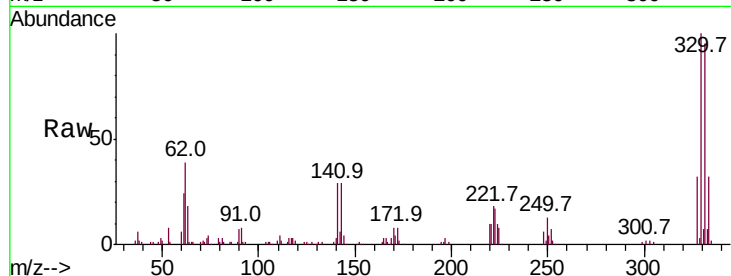
Tot Ion:330 Resp: 80877

Ion Ratio Lower Upper

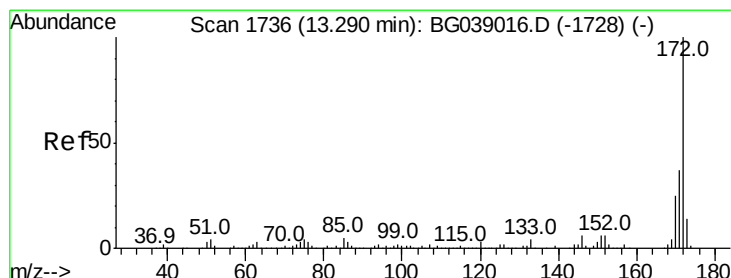
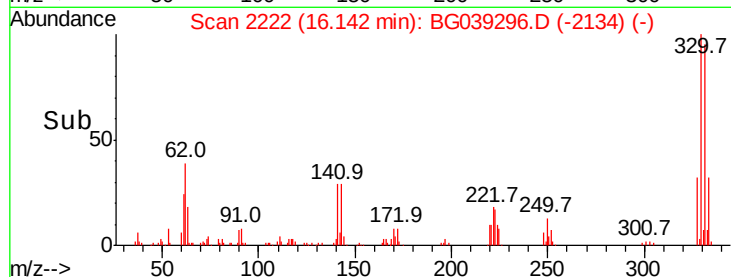
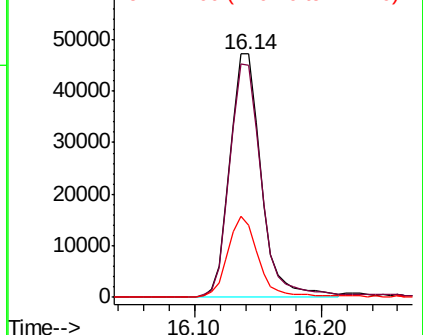
330 100

332 97.3 75.7 113.5

141 32.4 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 87.427 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039296.D

Acq: 26 Jan 2019 4:31

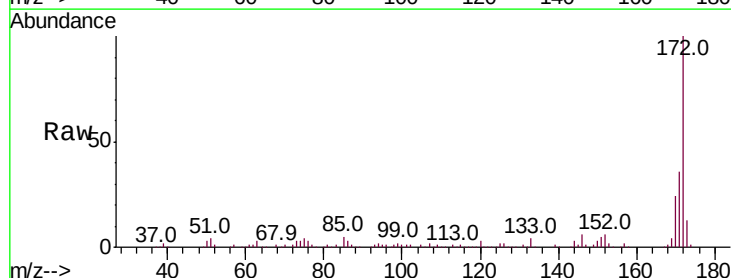
Tgt Ion:172 Resp: 237119

Ion Ratio Lower Upper

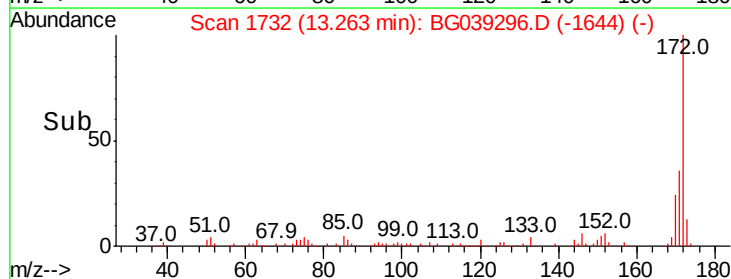
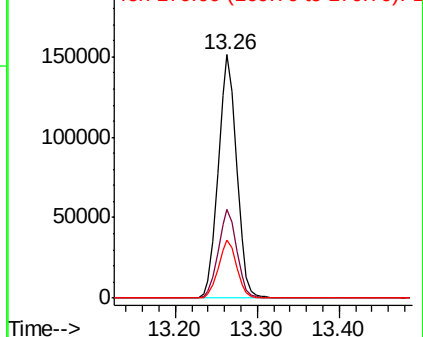
172 100

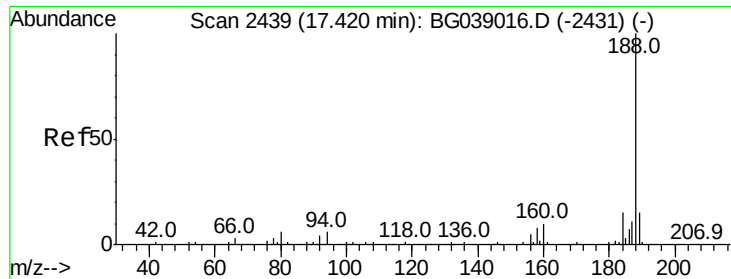
171 36.4 29.4 44.0

170 24.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

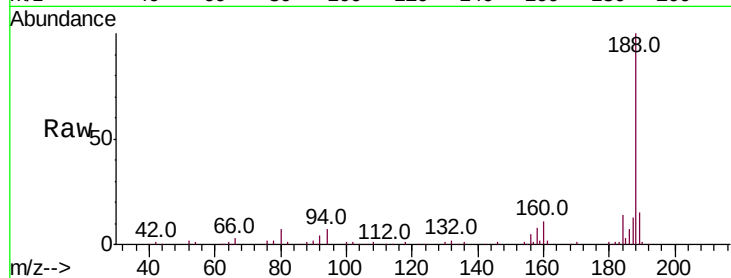




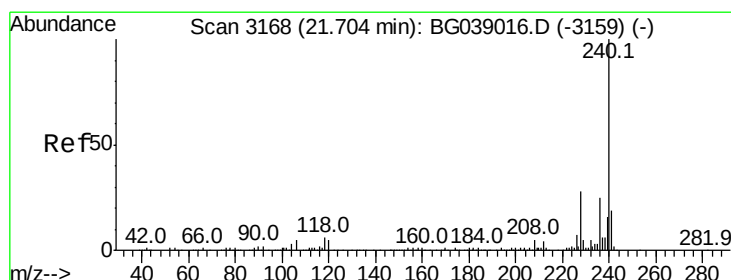
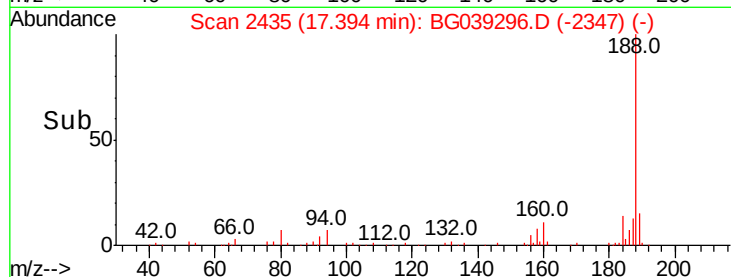
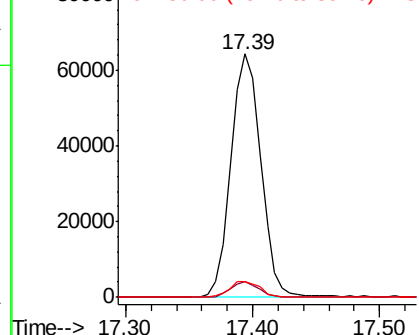
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039296.D
Acq: 26 Jan 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tot Ion:188 Resp: 104976
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.4
80 6.6 4.7 7.1

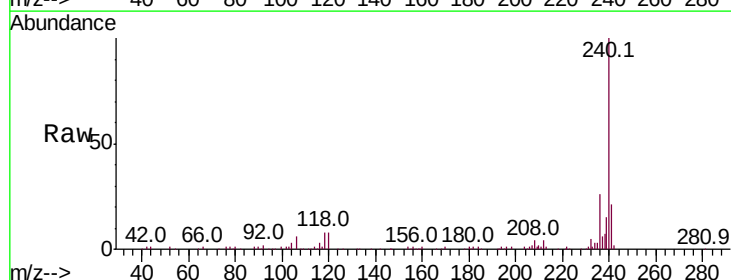


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

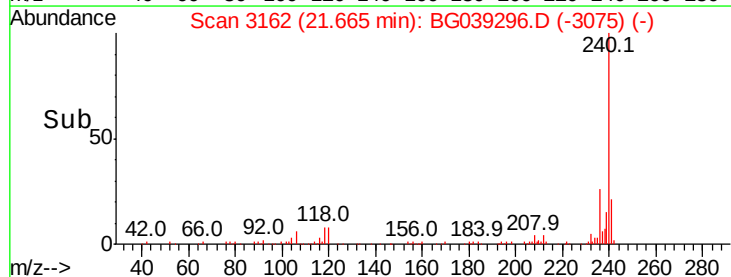
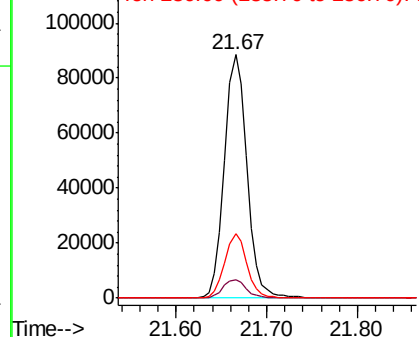


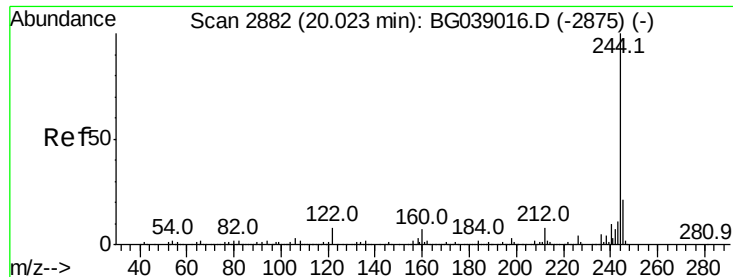
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039296.D
Acq: 26 Jan 2019 4:31

Tgt Ion:240 Resp: 153398
Ion Ratio Lower Upper
240 100
120 7.6 4.3 6.5#
236 26.5 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

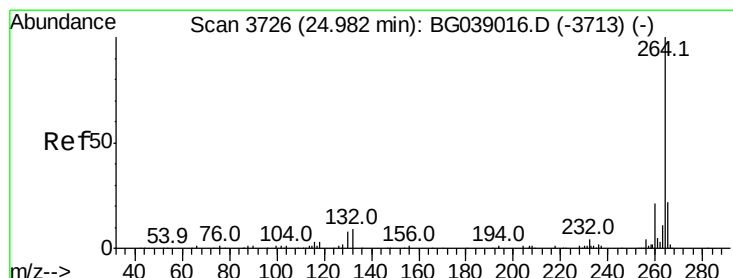
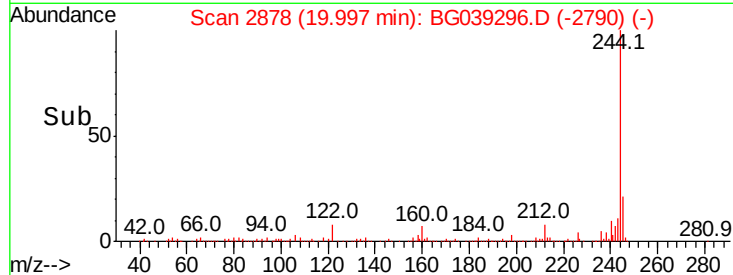
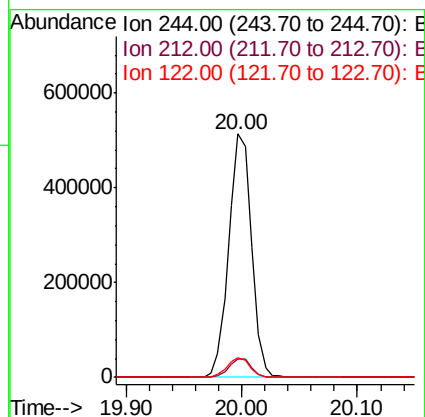
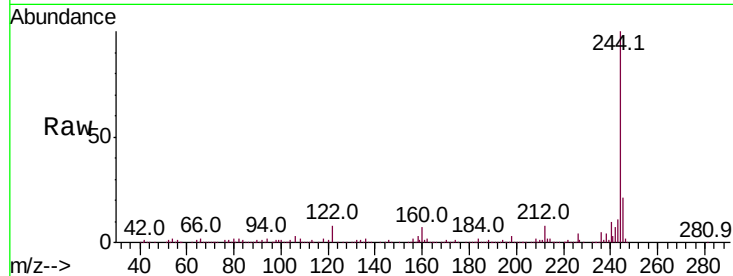




#79
 Terphenyl-d14
 Concen: 84.479 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039296.D
 Acq: 26 Jan 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SANDHILL-RO-1-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	8.3	6.1	9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.03 min
 Lab File: BG039296.D
 Acq: 26 Jan 2019 4:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.0	25.6
265	20.1	17.2	25.8

