

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
 Data File : BG050591.D
 Acq On : 14 Oct 2021 17:10
 Operator : CG/JU
 Sample : M4190-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 14 17:56:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

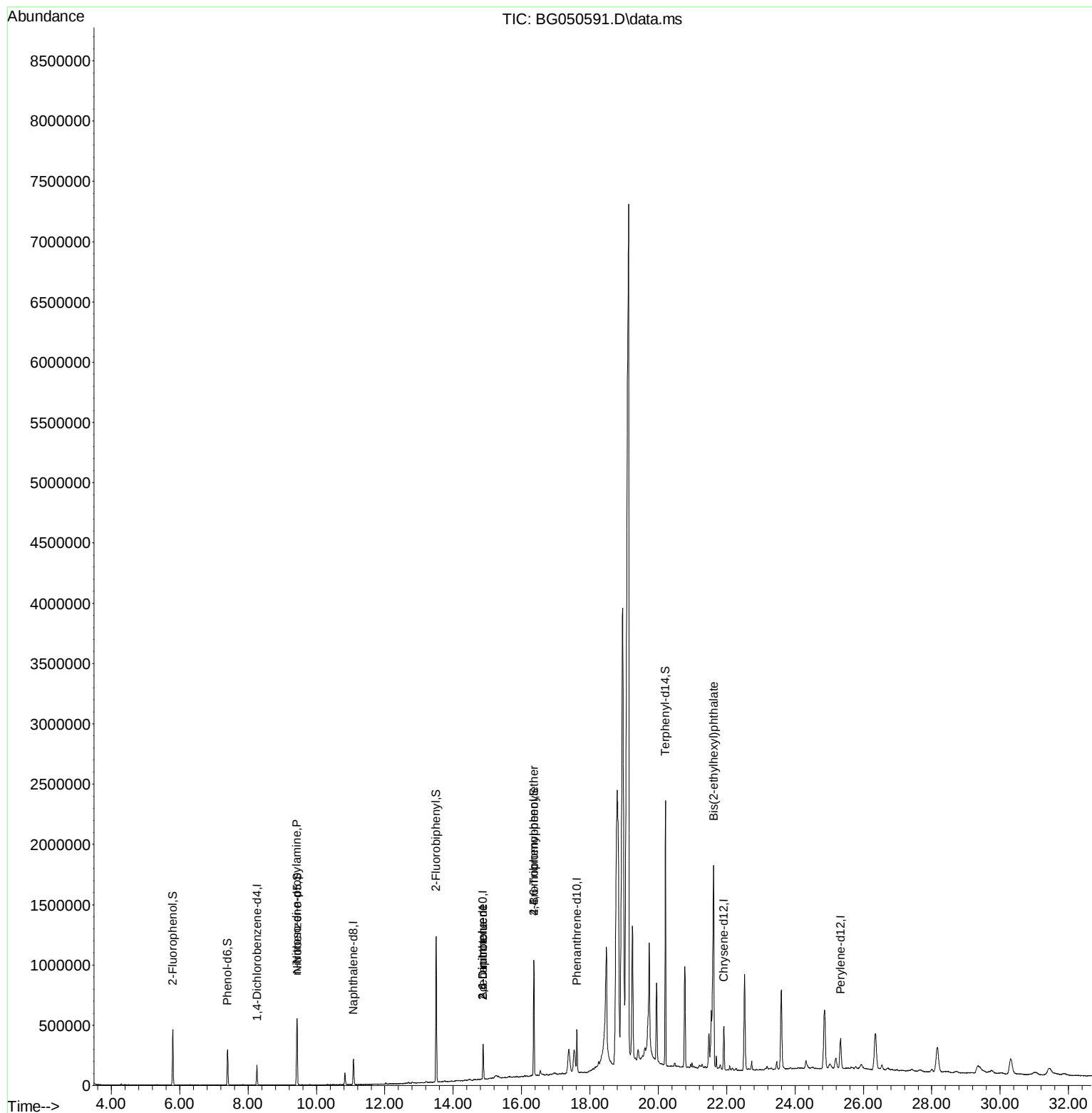
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	41535	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	168998	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	101423	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	213926	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	220888	20.000	ng	# 0.00
86) Perylene-d12	25.326	264	222634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	192086	69.164	ng	0.00
7) Phenol-d6	7.400	99	166283	41.354	ng	0.00
23) Nitrobenzene-d5	9.433	82	358912	87.915	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	139308	144.003	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	592649	87.944	ng	0.00
79) Terphenyl-d14	20.209	244	917705	80.966	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.394	77	775	Below Cal	#	37
19) n-Nitroso-di-n-propyla...	9.427	70	52175	17.802	ng	# 68
51) 2,6-Dinitrotoluene	14.874	165	12784	8.326	ng	# 12
57) 2,4-Dinitrotoluene	14.874	165	12784	5.907	ng	# 18
67) 4-Bromophenyl-phenylether	16.360	248	11857	5.500	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.619	149	677806	71.962	ng	# 53

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

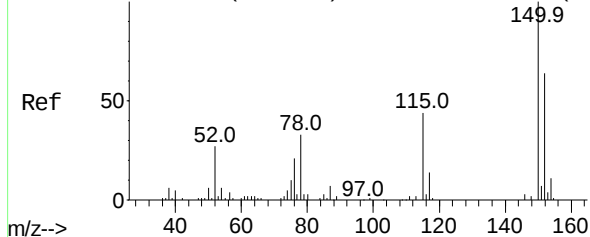
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050591.D
Acq On : 14 Oct 2021 17:10
Operator : CG/JU
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Response via : Initial Calibration



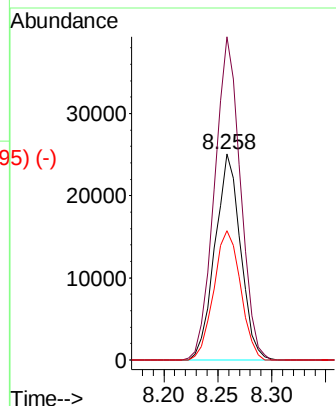
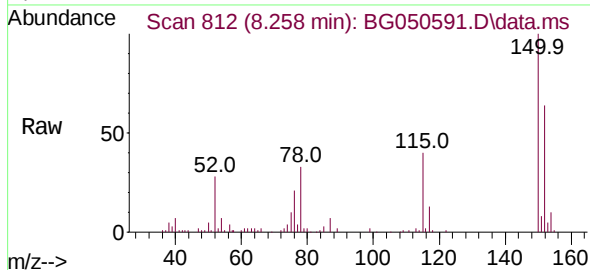
Abundance Scan 813 (8.264 min): BG050465.D\data.ms (-805) #1



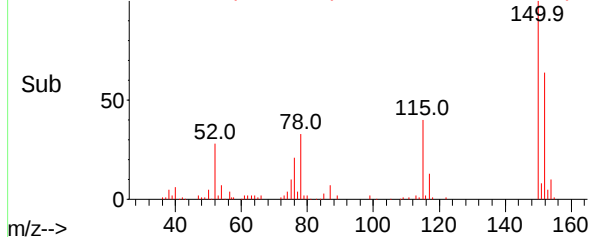
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Instrument :
BNA_G
ClientSampleId :
P287-DITCH

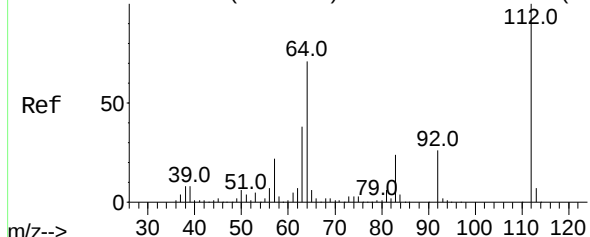
Tgt Ion:	152	Resp:	41535
Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.4	179.0
115	62.6	60.2	90.4



Abundance Scan 812 (8.258 min): BG050591.D\data.ms (-795) (-)

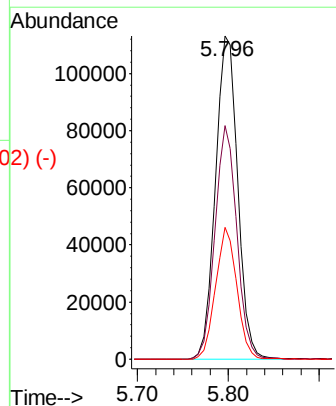
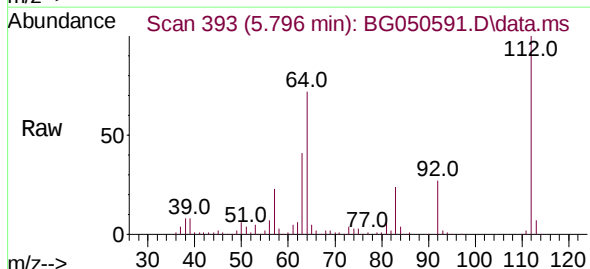


Abundance Scan 392 (5.790 min): BG050465.D\data.ms (-384) #5

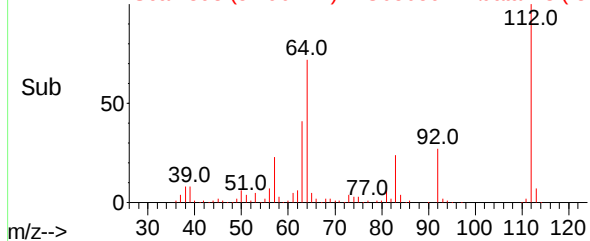


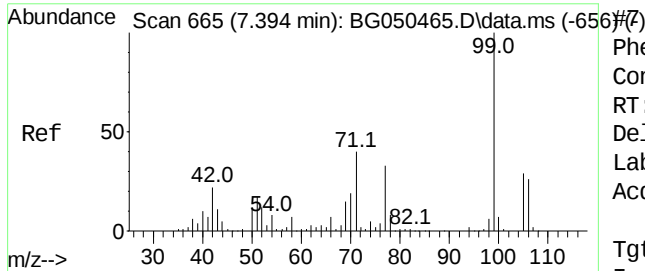
2-Fluorophenol
Concen: 69.164 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Tgt Ion:	112	Resp:	192086
Ion	Ratio	Lower	Upper
112	100		
64	72.3	46.7	70.1#
63	40.9	35.3	52.9



Abundance Scan 393 (5.796 min): BG050591.D\data.ms (-302) (-)

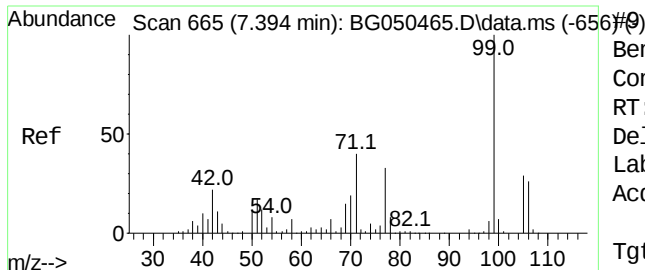
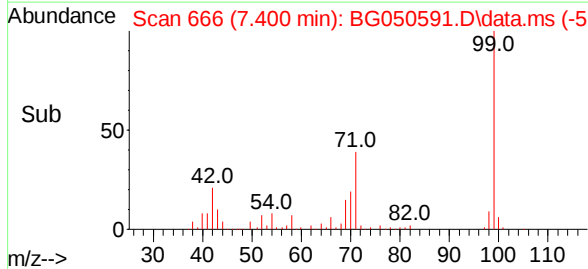
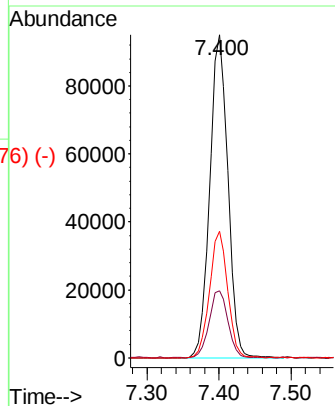
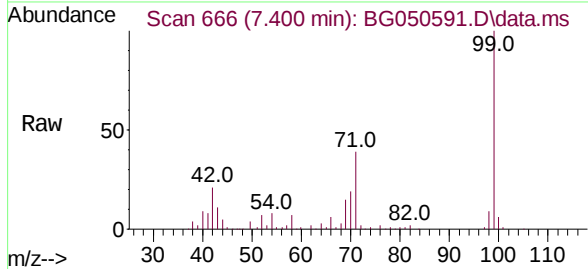




Phenol-d6
 Concen: 41.354 ng
 RT: 7.400 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: BG050591.D
 Acq: 14 Oct 2021 17:10

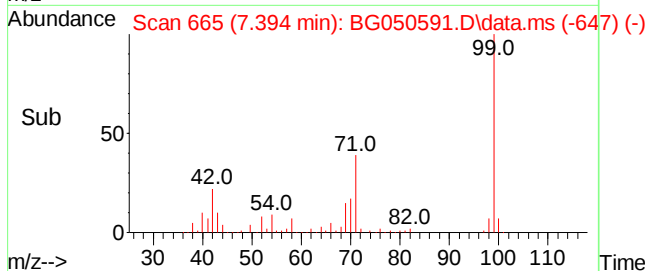
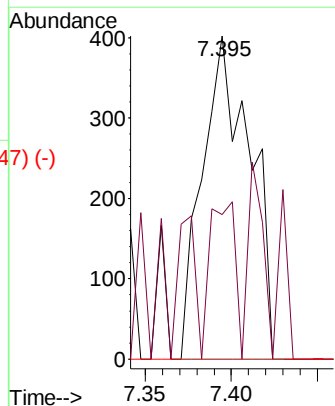
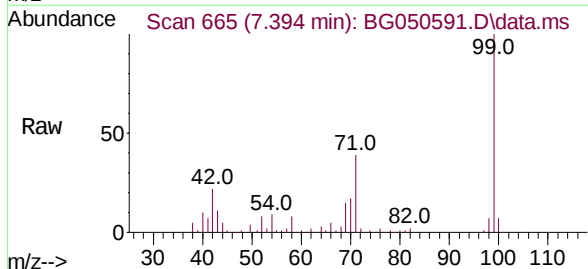
Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.5	30.7
71	39.1	41.5	62.3#

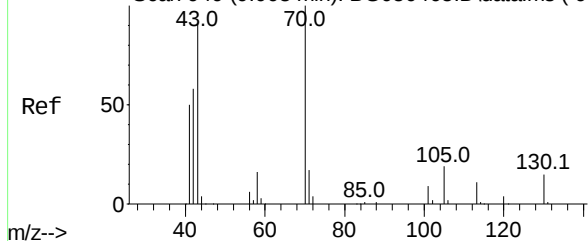


Benzaldehyde
 Concen: Below Cal
 RT: 7.394 min Scan# 665
 Delta R.T. 0.006 min
 Lab File: BG050591.D
 Acq: 14 Oct 2021 17:10

Tgt Ion	Ratio	Lower	Upper
77	100		
105	44.8	68.8	108.8#
106	0.0	47.9	87.9#

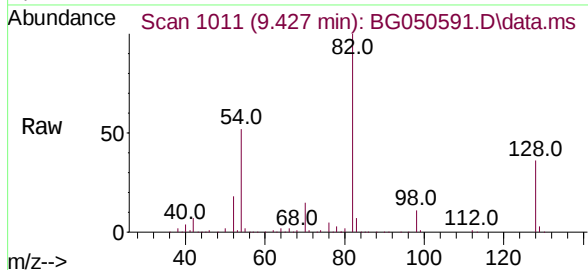


Abundance Scan 949 (9.063 min): BG050465.D\data.ms (-941#19)

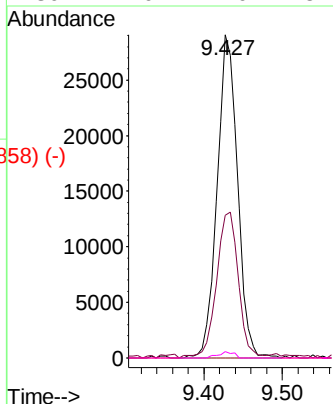
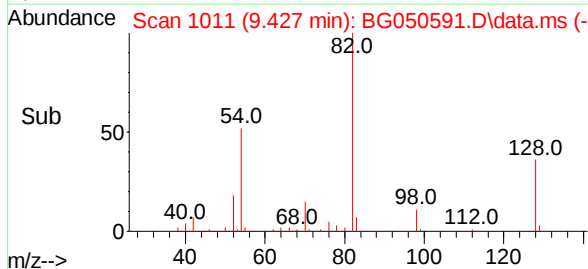


n-Nitroso-di-n-propylamine
Concen: 17.802 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

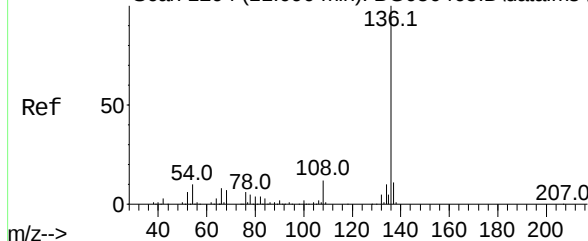
Instrument :
BNA_G
ClientSampleId :
P287-DITCH



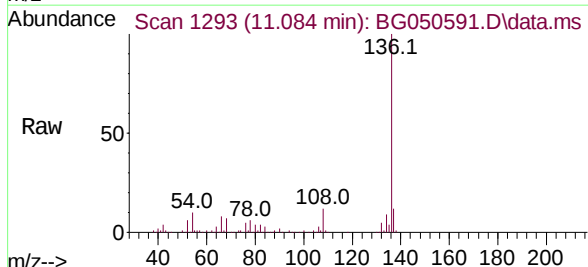
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.1	54.5	81.7#
101	0.0	9.0	13.6#
130	2.0	17.0	25.6#



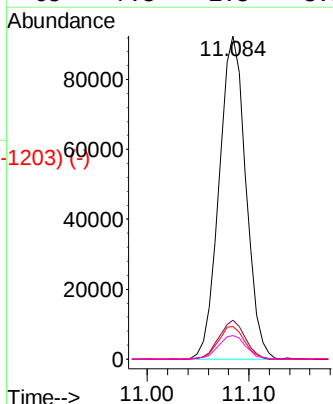
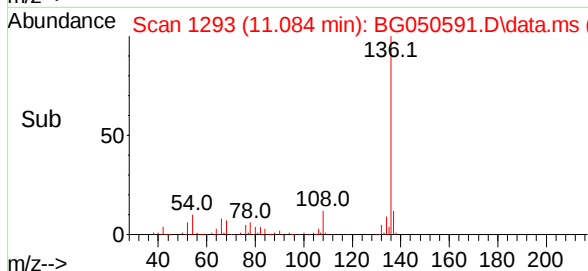
Abundance Scan 1294 (11.090 min): BG050465.D\data.ms (-1281#21)



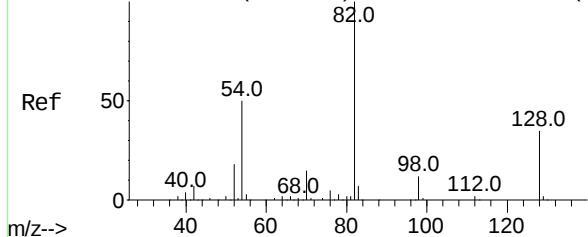
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.2
54	10.0	5.5	8.3#
68	7.3	2.3	3.5#



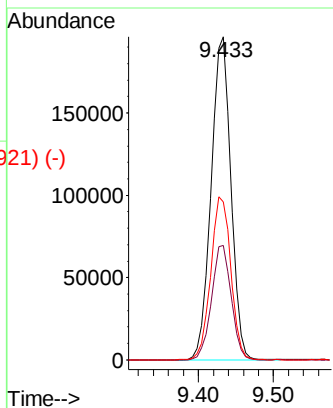
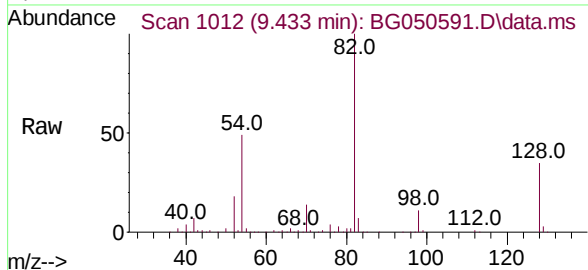
Abundance Scan 1012 (9.433 min): BG050465.D\data.ms (-10623)



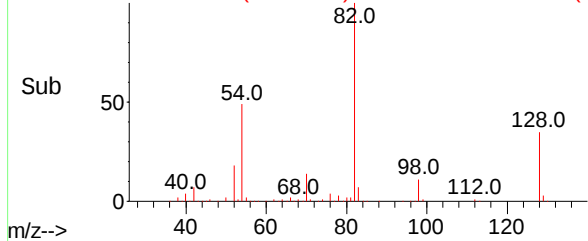
Nitrobenzene-d5
Concen: 87.915 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Instrument :
BNA_G
ClientSampleId :
P287-DITCH

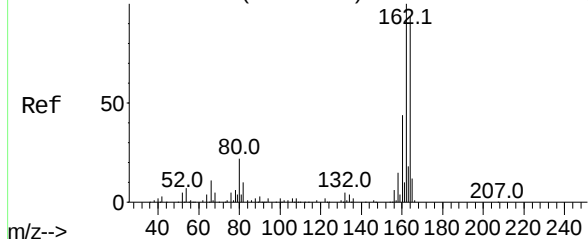
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.8	44.6
54	48.8	45.8	68.8



Abundance Scan 1012 (9.433 min): BG050591.D\data.ms (-921) (-)

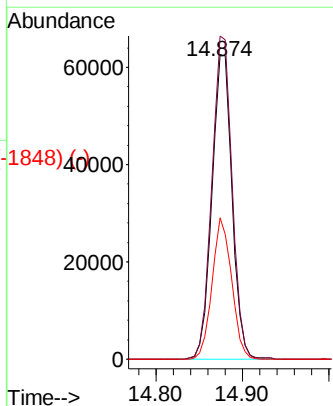
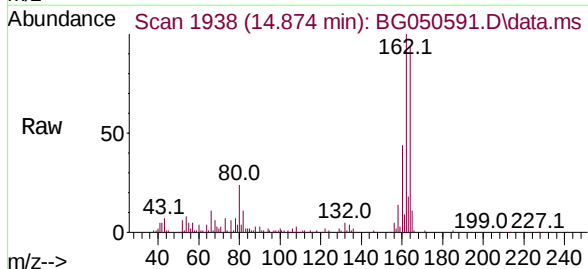


Abundance Scan 1939 (14.879 min): BG050465.D\data.ms (-1939) (-)

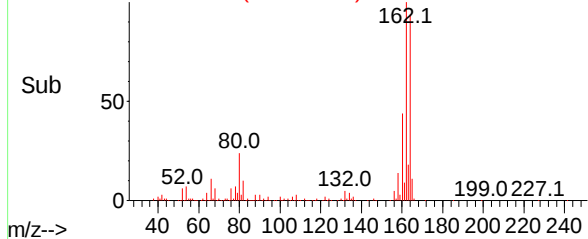


Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.4	122.0
160	46.4	34.9	52.3



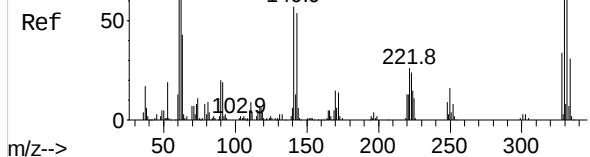
Abundance Scan 1938 (14.874 min): BG050591.D\data.ms (-1848) (-)



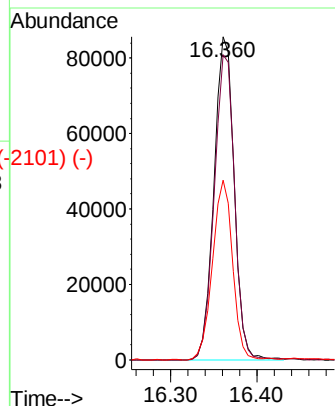
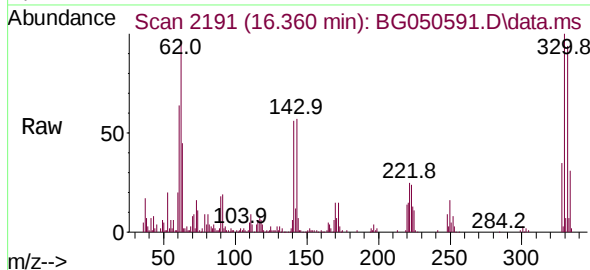
Abundance Scan 2191 (16.360 min): BG050465.D\data.ms (-2191) (-)

2,4,6-Tribromophenol
Concen: 144.003 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

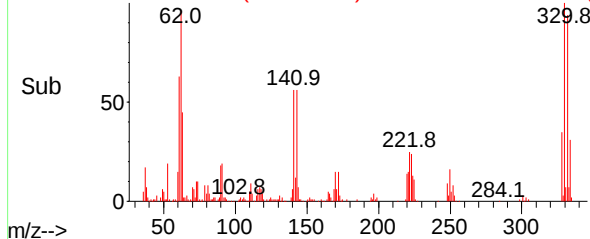
Instrument :
BNA_G
ClientSampleID :
P287-DITCH



Tgt Ion:	330	Resp:	139308
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	55.4	35.6	53.4#

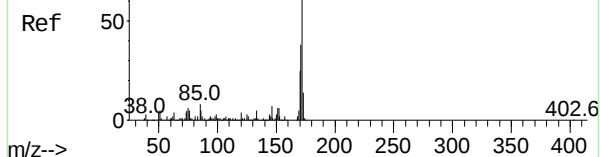


Abundance Scan 2191 (16.360 min): BG050591.D\data.ms (-2101) (-)

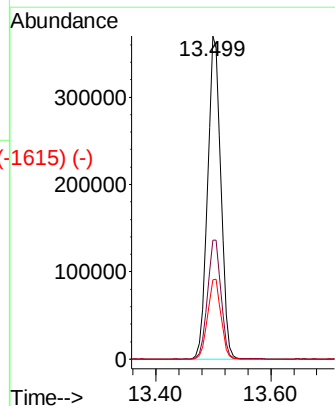
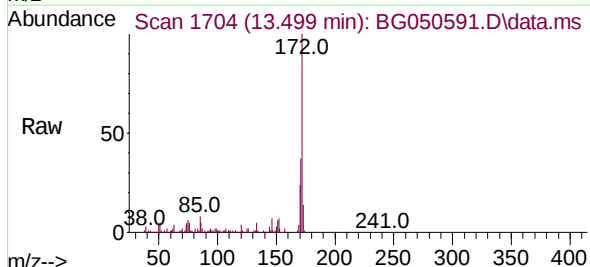


Abundance Scan 1705 (13.504 min): BG050465.D\data.ms (-1645) (-)

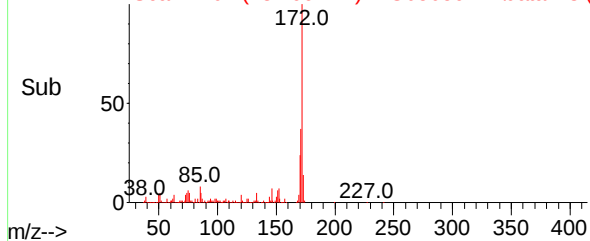
2-Fluorobiphenyl
Concen: 87.944 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

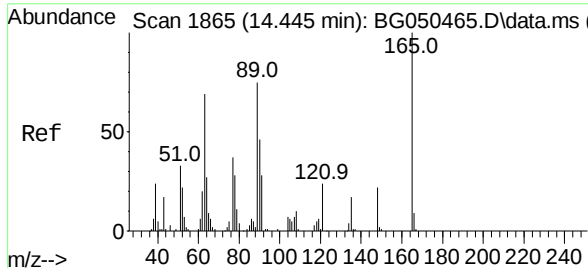


Tgt Ion:	172	Resp:	592649
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	24.5	18.6	27.8



Abundance Scan 1704 (13.499 min): BG050591.D\data.ms (-1615) (-)

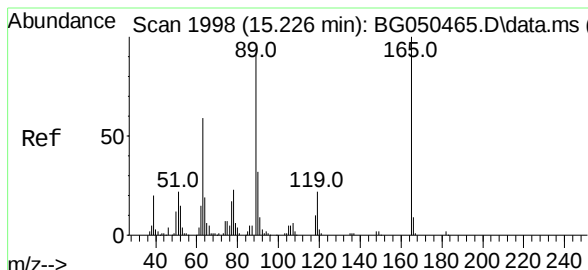
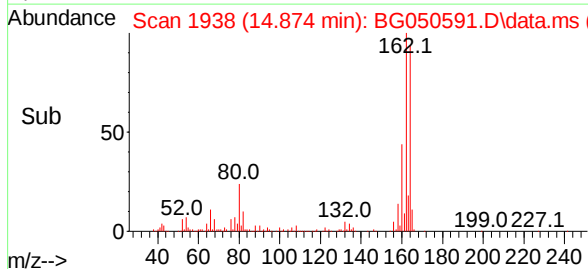
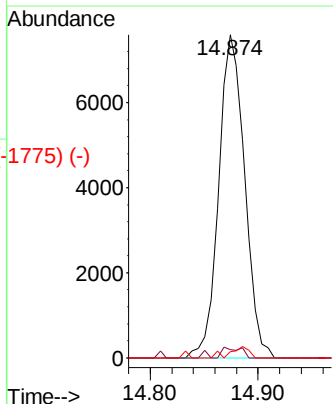
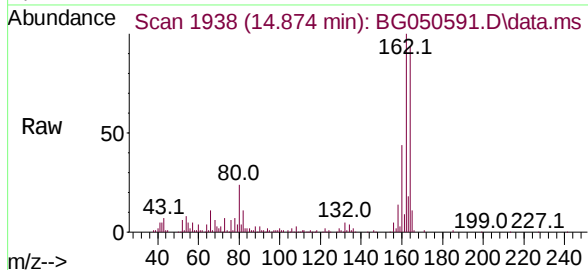




#50 (-)
2,6-Dinitrotoluene
Concen: 8.326 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

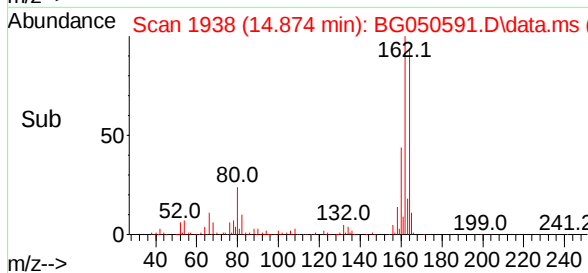
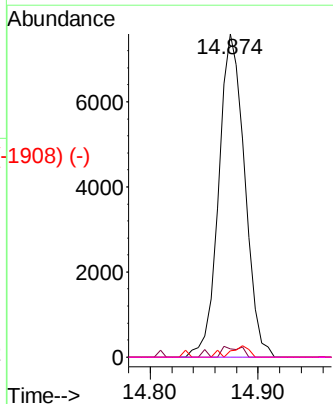
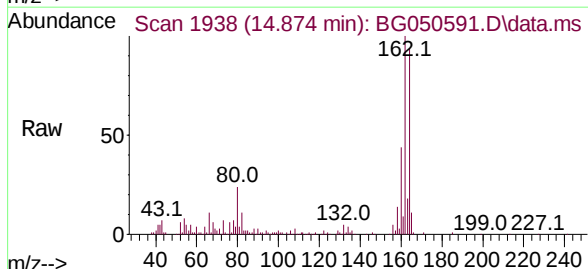
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	63.3	94.9#
89	2.0	63.4	95.0#

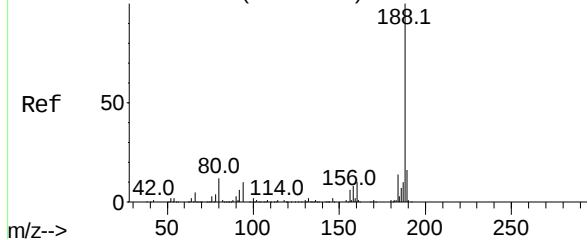


#50 (-)
2,4-Dinitrotoluene
Concen: 5.907 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.353 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	48.0	72.0#
89	2.0	65.4	98.0#
182	0.0	2.0	3.0#



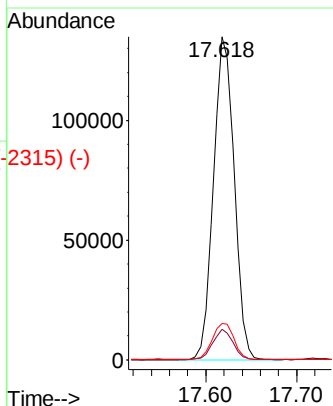
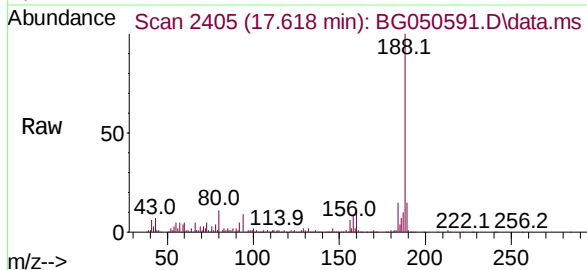
Abundance Scan 2406 (17.623 min): BG050465.D\data.ms (-2364) (-)



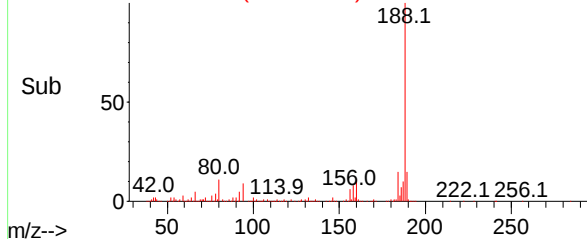
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Instrument :
BNA_G
ClientSampleId :
P287-DITCH

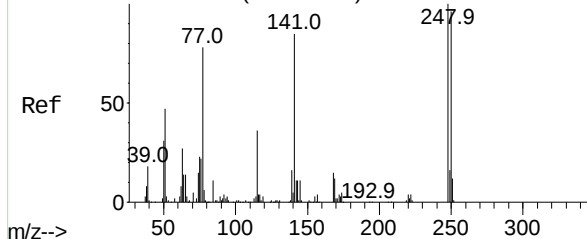
Tgt Ion:	188	Resp:	213926
Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.4	8.0#
80	11.3	3.7	5.5#



Abundance Scan 2405 (17.618 min): BG050591.D\data.ms (-2315) (-)

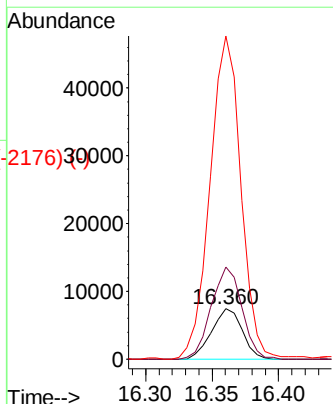
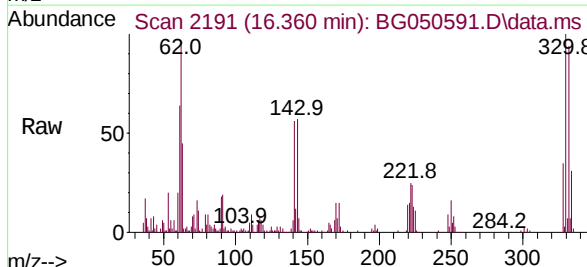


Abundance Scan 2266 (16.801 min): BG050465.D\data.ms (-2367) (-)

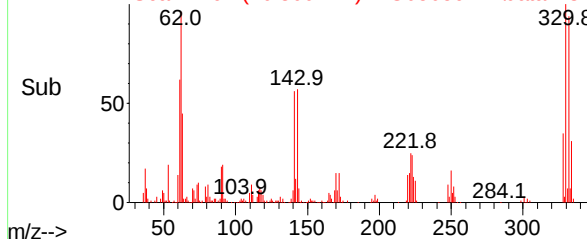


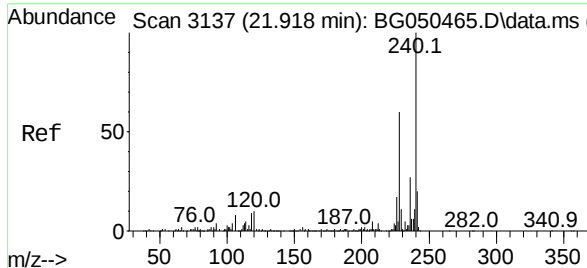
4-Bromophenyl-phenylether
Concen: 5.500 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Tgt Ion:	248	Resp:	11857
Ion	Ratio	Lower	Upper
248	100		
250	183.3	76.1	114.1#
141	642.8	65.4	98.2#



Abundance Scan 2191 (16.360 min): BG050591.D\data.ms (-2176) (-)

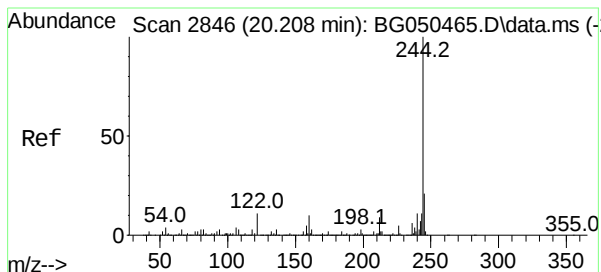
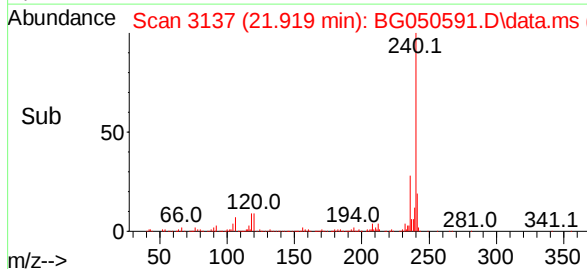
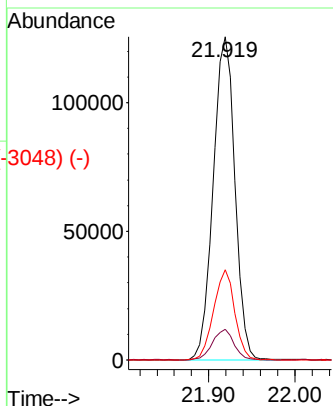
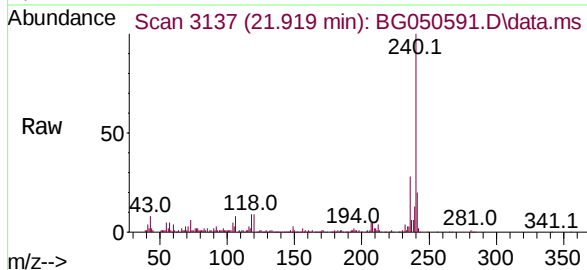




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.919 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BG050591.D
 Acq: 14 Oct 2021 17:10

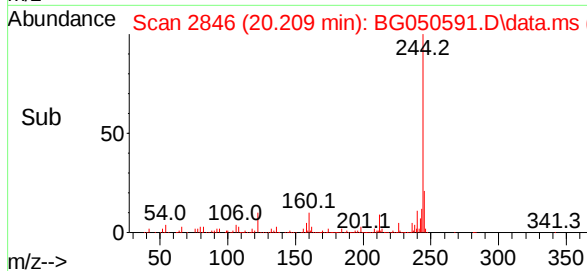
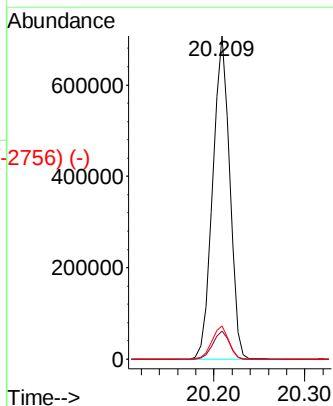
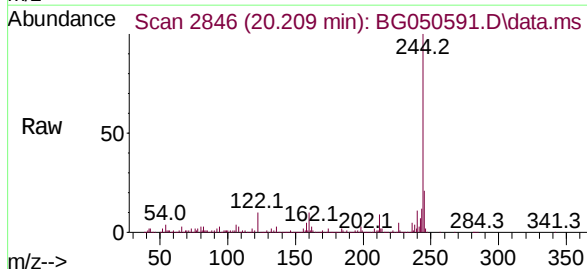
Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Tgt Ion:	240	Resp:	220888
Ion Ratio	Lower	Upper	
240	100		
120	9.5	4.2	6.2#
236	27.9	21.8	32.6



Terphenyl-d14
 Concen: 80.966 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: BG050591.D
 Acq: 14 Oct 2021 17:10

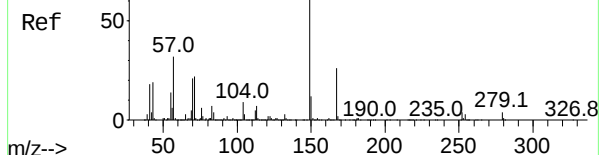
Tgt Ion:	244	Resp:	917705
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.9	10.3
122	10.2	5.0	7.6#



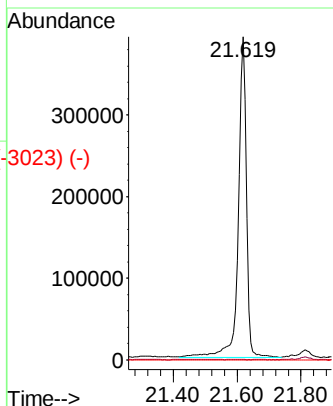
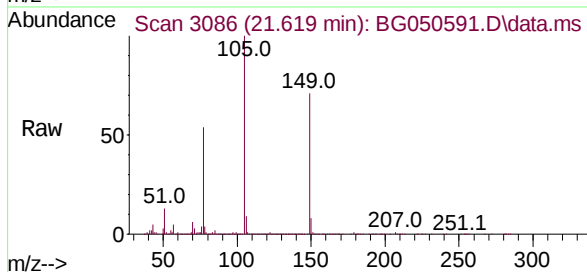
Abundance Scan 3114 (21.783 min): BG050465.D\data.ms (-3105) (-)

Bis(2-ethylhexyl)phthalate
Concen: 71.962 ng
RT: 21.619 min Scan# 3086
Delta R.T. -0.159 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

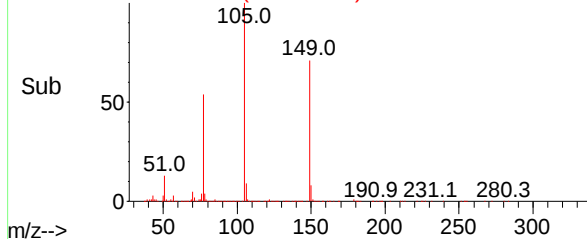
Instrument :
BNA_G
ClientSampleId :
P287-DITCH



Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.1	22.3	33.5#
279	0.0	3.8	5.8#



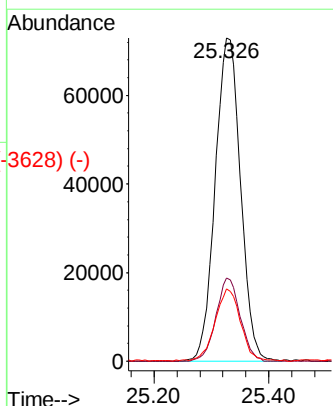
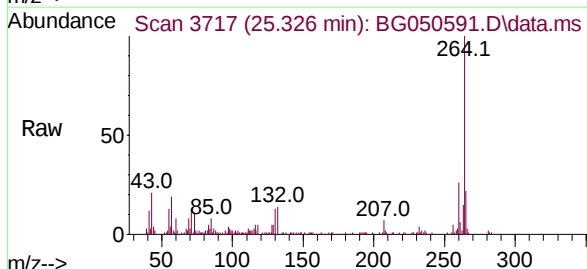
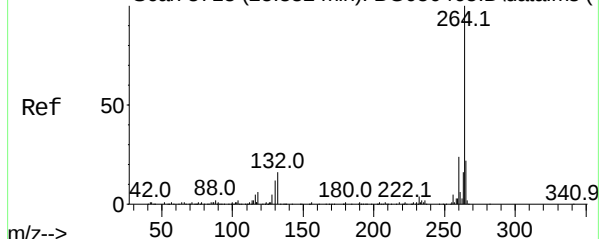
Abundance Scan 3086 (21.619 min): BG050591.D\data.ms (-3023) (-)



Abundance Scan 3718 (25.332 min): BG050465.D\data.ms (-3706) (-)

Perylene-d12
Concen: 20.000 ng
RT: 25.326 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG050591.D
Acq: 14 Oct 2021 17:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.4	16.9	25.3



Abundance Scan 3717 (25.326 min): BG050591.D\data.ms (-3628) (-)

